

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012323\
 Data File : VX033860.D
 Acq On : 23 Jan 2023 19:25
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 24 00:47:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/24/2023
 Supervised By : Mahesh Dadoda 01/27/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	178339	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	256134	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	225990	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	118883	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86789	46.220	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.440%		
35) Dibromofluoromethane	5.385	113	81221	51.068	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.140%		
50) Toluene-d8	8.647	98	285943	49.344	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.680%		
62) 4-Bromofluorobenzene	11.079	95	105365	48.972	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.940%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	62240	44.163	ug/l	100
3) Chloromethane	1.295	50	74888	48.107	ug/l	98
4) Vinyl Chloride	1.374	62	74540	49.339	ug/l	99
5) Bromomethane	1.618	94	45213	52.087	ug/l	98
6) Chloroethane	1.691	64	36628	39.216	ug/l	100
7) Trichlorofluoromethane	1.886	101	110770	45.212	ug/l	97
8) Diethyl Ether	2.130	74	45211	56.358	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	68737	48.702	ug/l	94
10) Methyl Iodide	2.453	142	98479	49.714	ug/l	92
11) Tert butyl alcohol	3.008	59	74425m	228.158	ug/l	
12) 1,1-Dichloroethene	2.319	96	67916	46.803	ug/l	90
13) Acrolein	2.240	56	58145	193.191	ug/l	99
14) Allyl chloride	2.666	41	122045	44.592	ug/l	89
15) Acrylonitrile	3.069	53	196675	229.095	ug/l	99
16) Acetone	2.392	43	159044	232.181	ug/l	92
17) Carbon Disulfide	2.514	76	167294	45.716	ug/l	98
18) Methyl Acetate	2.703	43	122059	46.577	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	235273	46.682	ug/l	99
20) Methylene Chloride	2.788	84	82267	50.408	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	73990	43.616	ug/l	96
22) Diisopropyl ether	3.758	45	244838	44.462	ug/l	98
23) Vinyl Acetate	3.721	43	949836	229.128	ug/l	98
24) 1,1-Dichloroethane	3.611	63	133280	44.238	ug/l	98
25) 2-Butanone	4.562	43	260989	212.724	ug/l	96
26) 2,2-Dichloropropane	4.477	77	88955	41.219	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	88782	45.522	ug/l	96
28) Bromochloromethane	4.904	49	64492	46.994	ug/l	94
29) Tetrahydrofuran	5.007	42	173363	224.196	ug/l	98
30) Chloroform	5.093	83	136516	44.241	ug/l	98
31) Cyclohexane	5.471	56	116922	42.315	ug/l	100
32) 1,1,1-Trichloroethane	5.385	97	119361	45.305	ug/l	98
36) 1,1-Dichloropropene	5.690	75	98088	42.257	ug/l	98
37) Ethyl Acetate	4.715	43	105822	47.644	ug/l	99
38) Carbon Tetrachloride	5.678	117	110534	45.977	ug/l	97
39) Methylcyclohexane	7.379	83	119570	41.713	ug/l	98
40) Benzene	6.038	78	304541	45.012	ug/l	100

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 Supervised By : Mahesh Dadoda 01/27/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	61517	48.093	ug/l	96
42) 1,2-Dichloroethane	6.086	62	103846	43.311	ug/l	98
43) Isopropyl Acetate	6.342	43	169011	46.122	ug/l	98
44) Trichloroethene	7.129	130	90197	47.674	ug/l	92
45) 1,2-Dichloropropane	7.428	63	77734	45.865	ug/l	96
46) Dibromomethane	7.580	93	54880	46.358	ug/l	97
47) Bromodichloromethane	7.818	83	108110	47.386	ug/l	99
48) Methyl methacrylate	7.690	41	87069	47.168	ug/l	97
49) 1,4-Dioxane	7.714	88	37810	926.005	ug/l #	98
51) 4-Methyl-2-Pentanone	8.574	43	521686	231.808	ug/l	98
52) Toluene	8.720	92	198241	45.372	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	111786	48.995	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	123770	48.413	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	81170	46.933	ug/l	97
56) Ethyl methacrylate	9.116	69	121647	49.979	ug/l	96
57) 1,3-Dichloropropane	9.305	76	132724	47.327	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	294675	245.829	ug/l	98
59) 2-Hexanone	9.433	43	379045	241.986	ug/l	98
60) Dibromochloromethane	9.519	129	94227	52.552	ug/l	100
61) 1,2-Dibromoethane	9.610	107	85602	49.595	ug/l	99
64) Tetrachloroethene	9.275	164	79979	50.275	ug/l	98
65) Chlorobenzene	10.080	112	218129	46.625	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	86337	50.145	ug/l	99
67) Ethyl Benzene	10.195	91	372875	46.420	ug/l	99
68) m/p-Xylenes	10.299	106	295991	94.209	ug/l	99
69) o-Xylene	10.640	106	145981	46.852	ug/l	99
70) Styrene	10.653	104	243944	48.141	ug/l	100
71) Bromoform	10.799	173	76436	52.979	ug/l #	100
73) Isopropylbenzene	10.964	105	375514	47.896	ug/l	99
74) N-amyl acetate	10.842	43	145348	46.559	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.214	83	114583	50.105	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	105371m	48.240	ug/l	
77) Bromobenzene	11.195	156	102356	48.418	ug/l	98
78) n-propylbenzene	11.305	91	419255	43.218	ug/l	99
79) 2-Chlorotoluene	11.366	91	248297	47.213	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	313811	43.868	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	34960	49.742	ug/l	93
82) 4-Chlorotoluene	11.451	91	284699	47.305	ug/l	98
83) tert-Butylbenzene	11.713	119	323329	45.521	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	314386	46.460	ug/l	100
85) sec-Butylbenzene	11.890	105	389974	45.903	ug/l	100
86) p-Isopropyltoluene	12.006	119	337351	46.381	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	184569	45.947	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	186085	45.475	ug/l	100
89) n-Butylbenzene	12.329	91	266677	44.817	ug/l	99
90) Hexachloroethane	12.536	117	60439	50.515	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	182468	47.073	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23737	48.930	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	127335	48.768	ug/l	100
94) Hexachlorobutadiene	13.725	225	58073	45.405	ug/l	99
95) Naphthalene	13.774	128	372114	49.537	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	125447	48.015	ug/l	99

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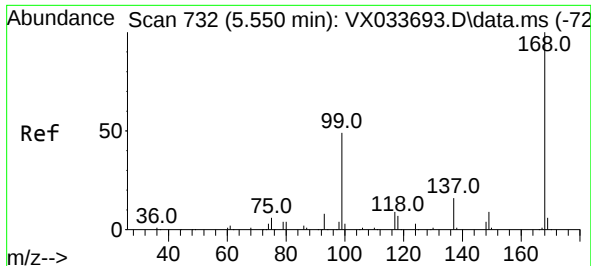
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Wed Jan 11 14:48:42 2023
Response via : Initial Calibration

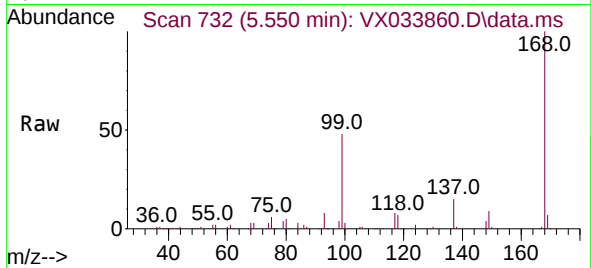
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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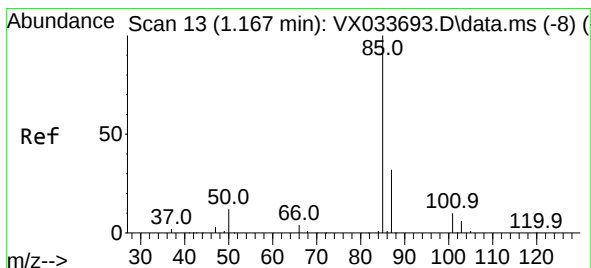
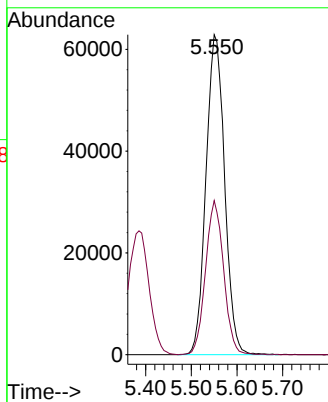
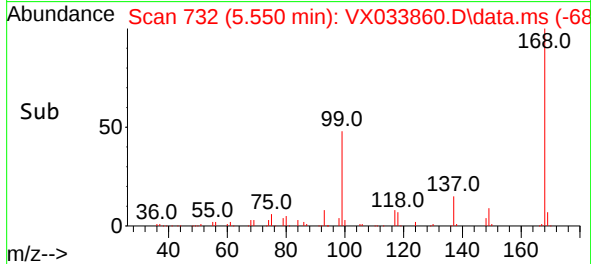
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 178339
Ion Ratio Lower Upper
168 100
99 48.2 39.6 59.4

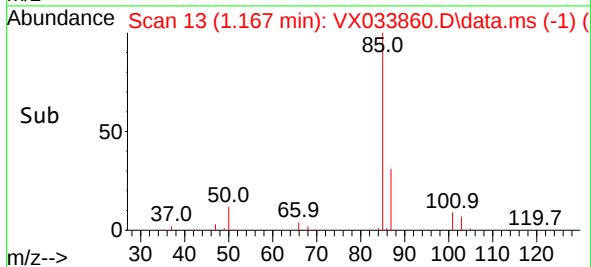
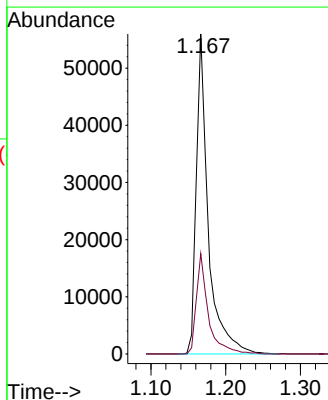
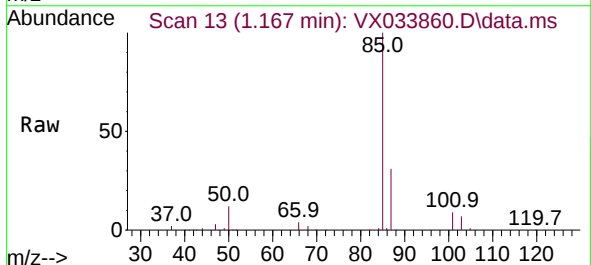
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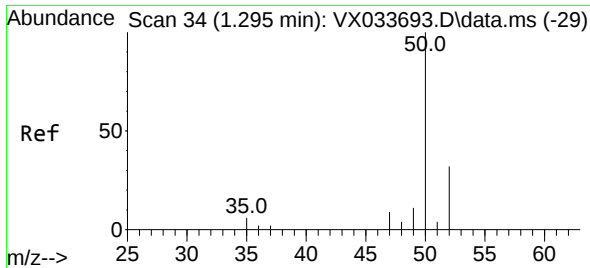
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023



#2
Dichlorodifluoromethane
Concen: 44.163 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX033860.D
Acq: 23 Jan 2023 19:25

Tgt Ion: 85 Resp: 62240
Ion Ratio Lower Upper
85 100
87 31.4 15.8 47.4





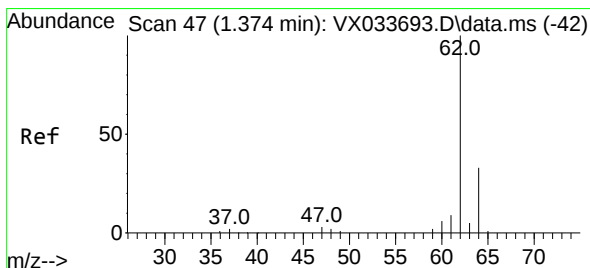
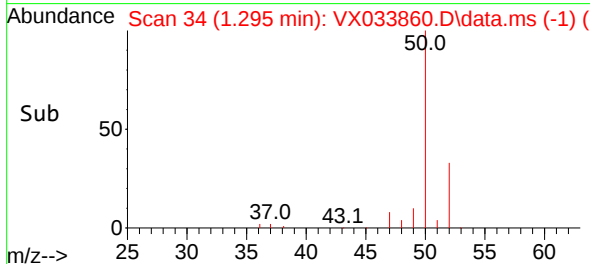
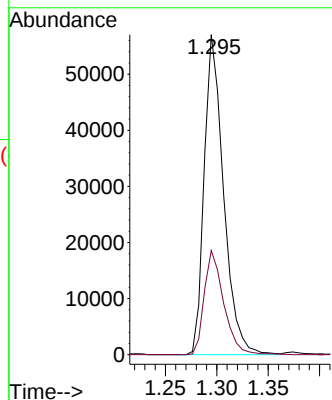
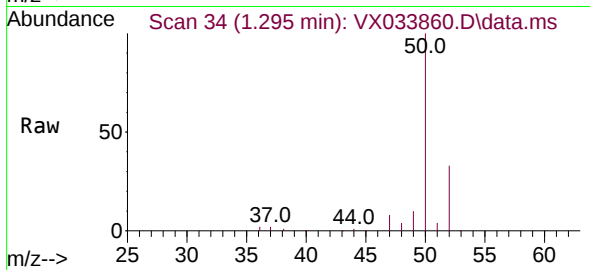
#3
Chloromethane
Concen: 48.107 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX033860.D
Acq: 23 Jan 2023 19:25

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Tgt Ion: 50 Resp: 7488
Ion Ratio Lower Upper
50 100
52 32.6 25.2 37.8

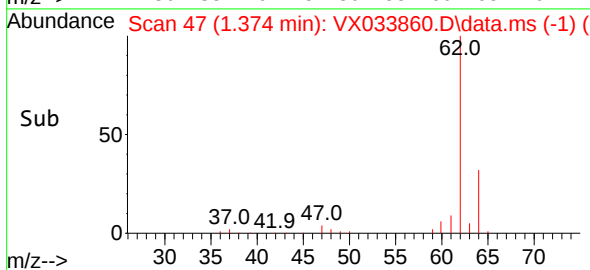
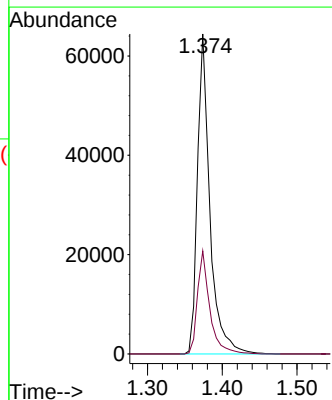
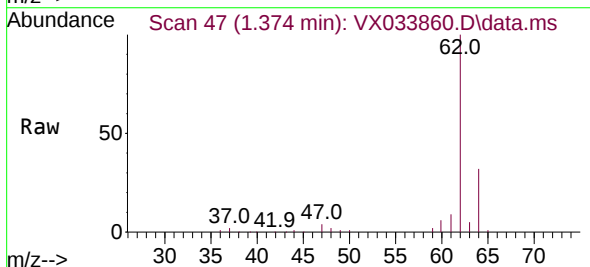
Manual Integrations
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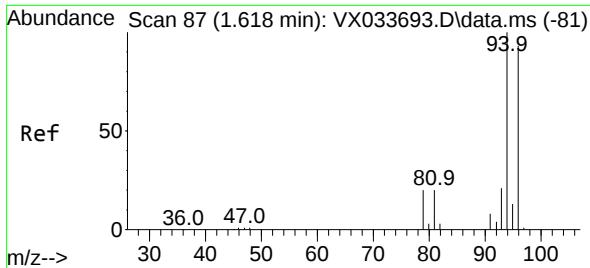
Reviewed By :John Carlone 01/24/2023
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#4
Vinyl Chloride
Concen: 49.339 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX033860.D
Acq: 23 Jan 2023 19:25

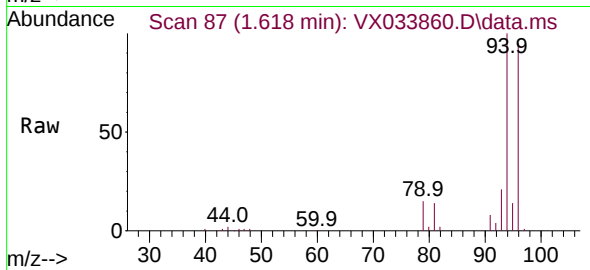
Tgt Ion: 62 Resp: 74540
Ion Ratio Lower Upper
62 100
64 32.2 26.2 39.4





#5
Bromomethane
Concen: 52.087 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX033860.D
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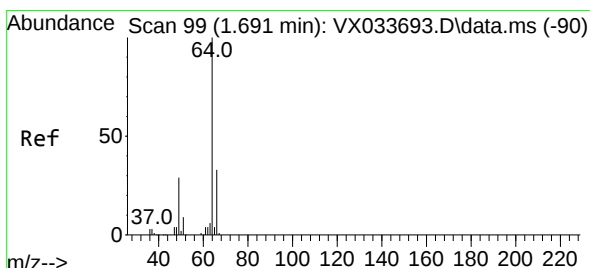
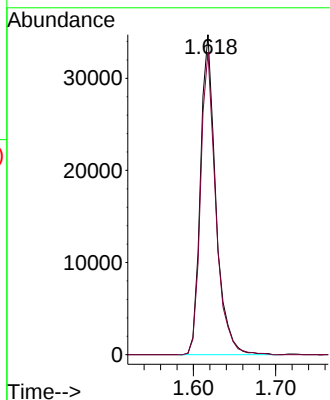
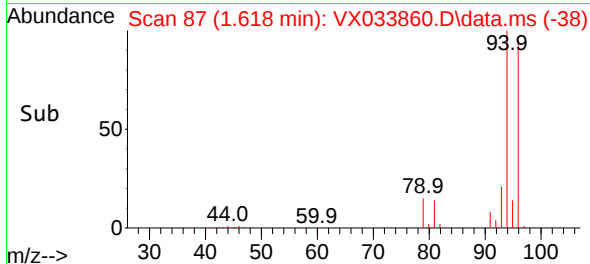
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Tgt Ion: 94 Resp: 4521
Ion Ratio Lower Upper
94 100
96 94.6 74.3 111.5

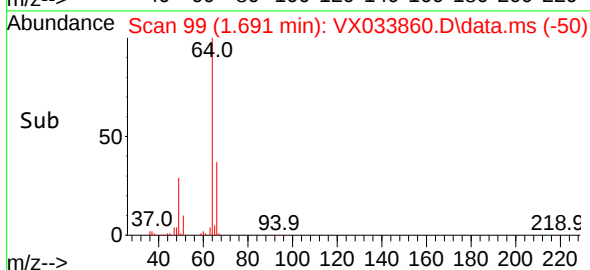
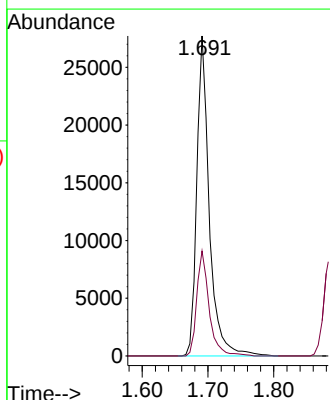
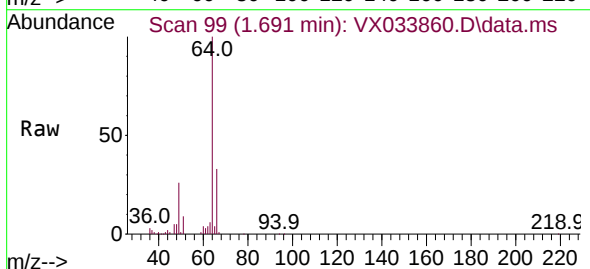
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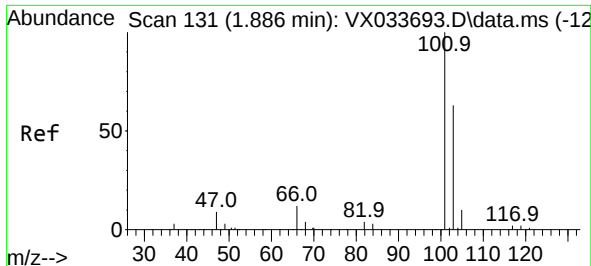
Reviewed By :John Carlone 01/24/2023
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#6
Chloroethane
Concen: 39.216 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX033860.D
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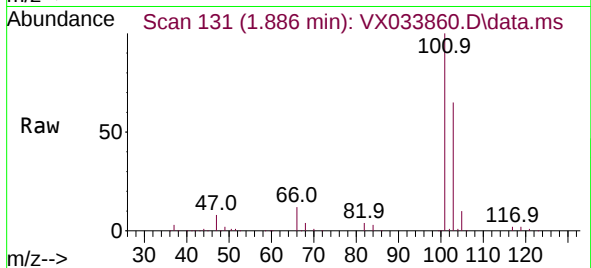
Tgt Ion: 64 Resp: 36628
Ion Ratio Lower Upper
64 100
66 32.8 26.1 39.1





#7
Trichlorofluoromethane
Concen: 45.212 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033860.D
Acq: 23 Jan 2023 19:25

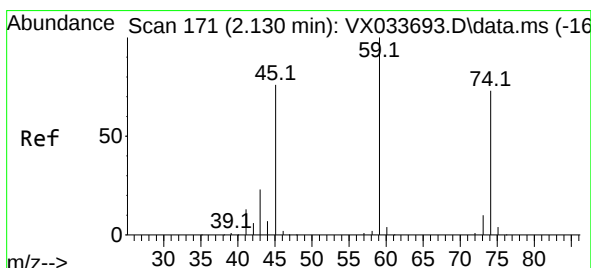
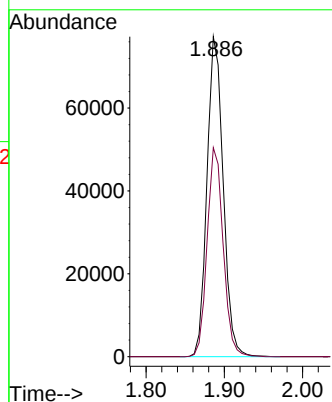
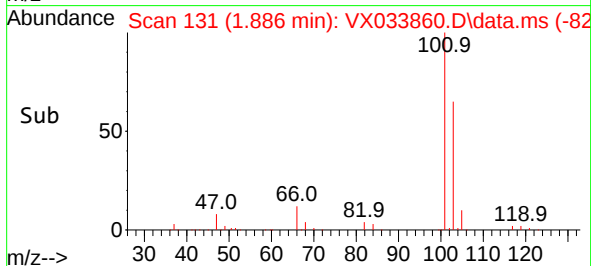
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 110770
Ion Ratio Lower Upper
101 100
103 65.3 50.6 75.8

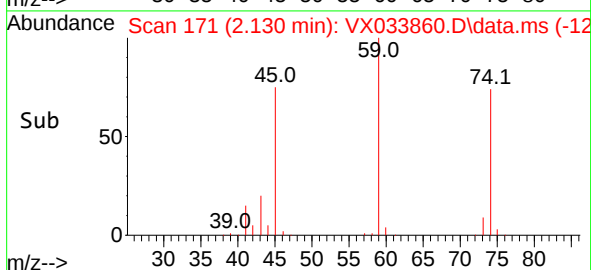
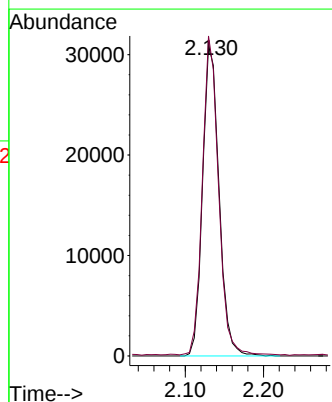
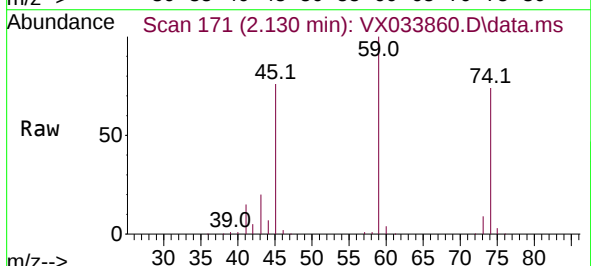
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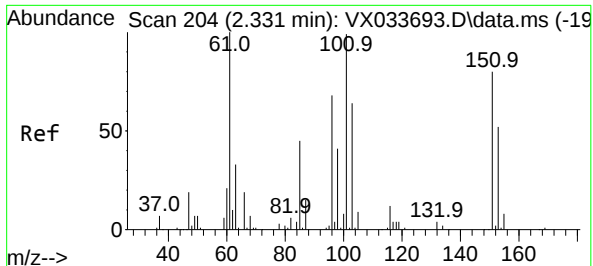
Reviewed By :John Carlone 01/24/2023
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#8
Diethyl Ether
Concen: 56.358 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX033860.D
Acq: 23 Jan 2023 19:25

Tgt Ion: 74 Resp: 45211
Ion Ratio Lower Upper
74 100
45 100.9 51.5 154.5





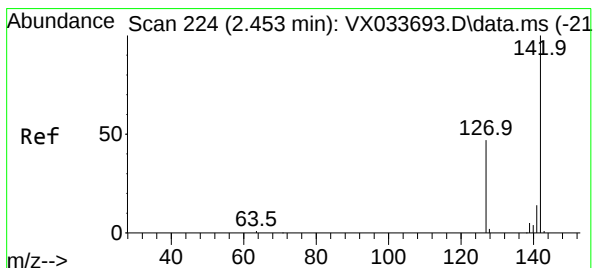
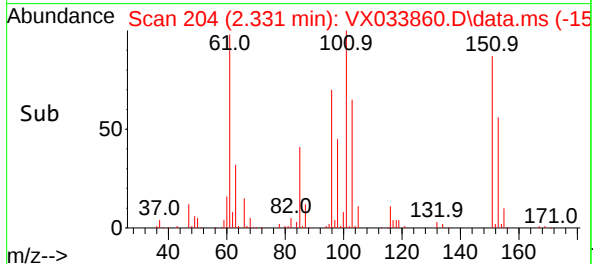
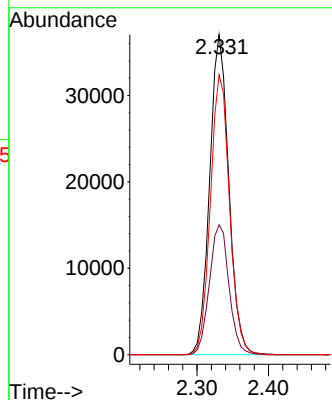
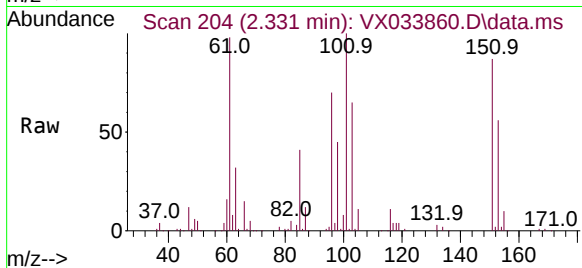
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.702 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX033860.D
Acq: 23 Jan 2023 19:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 6873
Ion Ratio Lower Upper
101 100
85 41.6 36.7 55.1
151 87.7 66.5 99.7

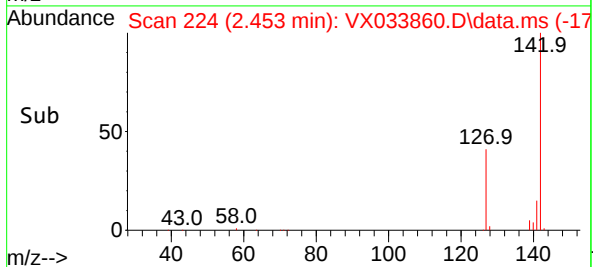
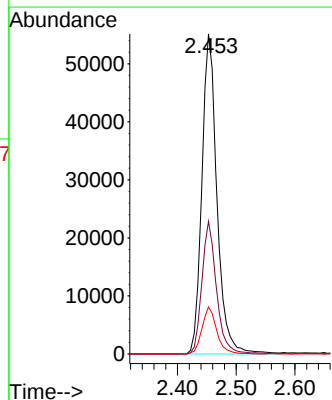
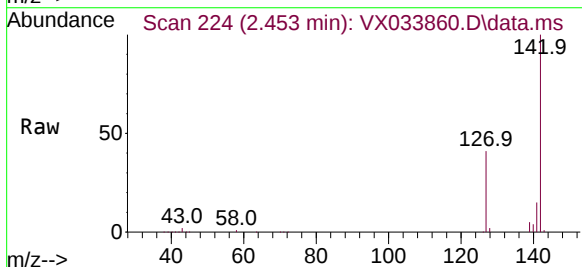
Manual Integrations
APPROVED

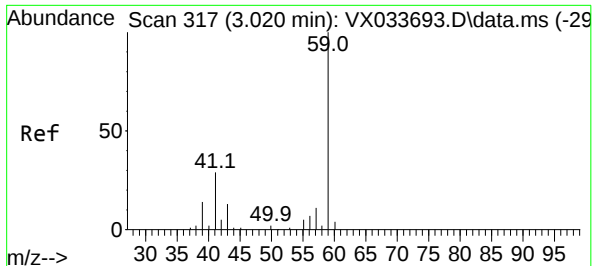
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023



#10
Methyl Iodide
Concen: 49.714 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX033860.D
Acq: 23 Jan 2023 19:25

Tgt Ion:142 Resp: 98479
Ion Ratio Lower Upper
142 100
127 40.1 37.3 55.9
141 14.3 11.5 17.3





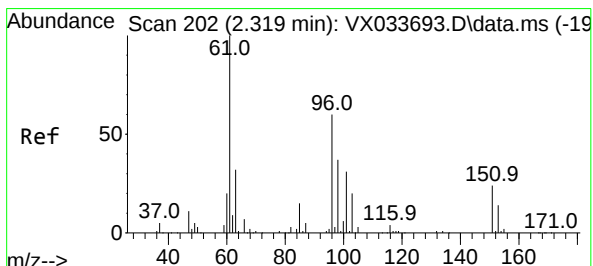
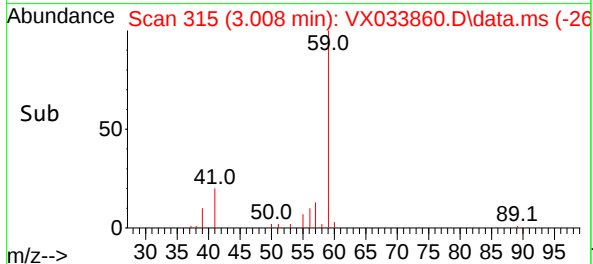
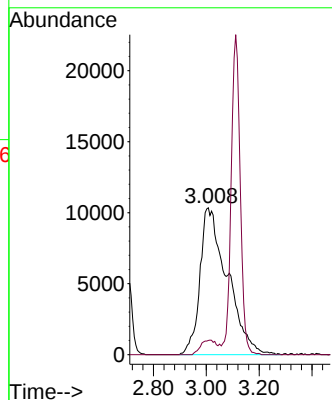
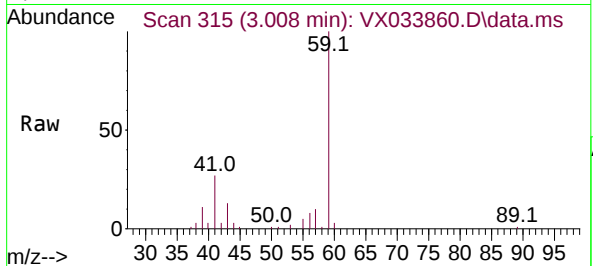
#11
Tert butyl alcohol
Concen: 228.158 ug/l m
RT: 3.008 min Scan# 317
Delta R.T. -0.012 min
Lab File: VX033860.D
Acq: 23 Jan 2023 19:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 7442
Ion Ratio Lower Upper
59 100
57 5.6 3.7 5.5

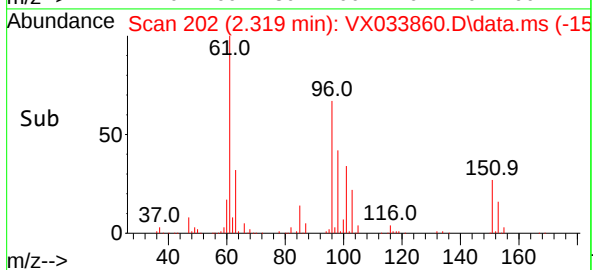
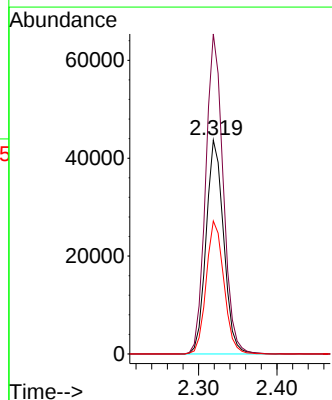
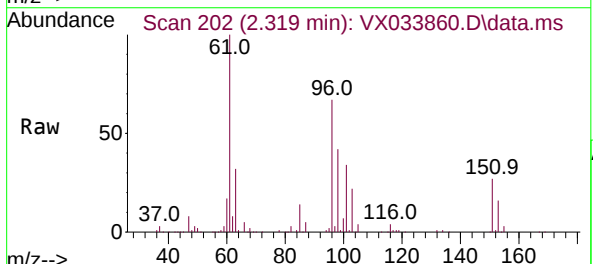
Manual Integrations
APPROVED

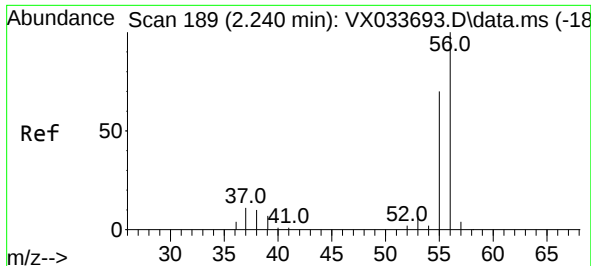
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023



#12
1,1-Dichloroethene
Concen: 46.803 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX033860.D
Acq: 23 Jan 2023 19:25

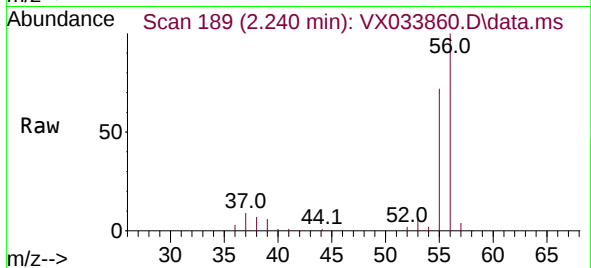
Tgt Ion: 96 Resp: 67916
Ion Ratio Lower Upper
96 100
61 149.6 134.2 201.4
98 62.1 50.2 75.2





#13
Acrolein
Concen: 193.191 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX033860.D
Acq: 23 Jan 2023 19:25

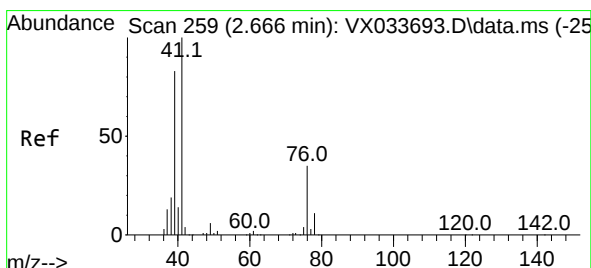
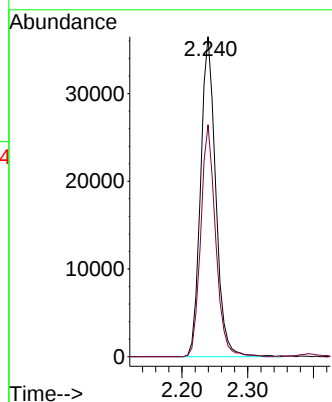
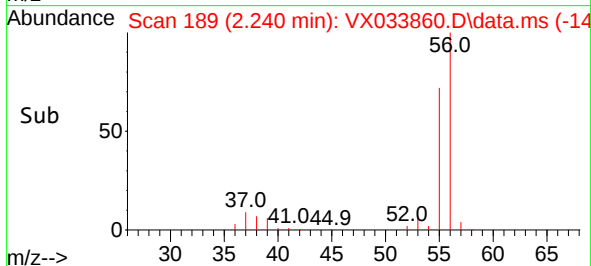
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 58145
Ion Ratio Lower Upper
56 100
55 71.4 56.3 84.5

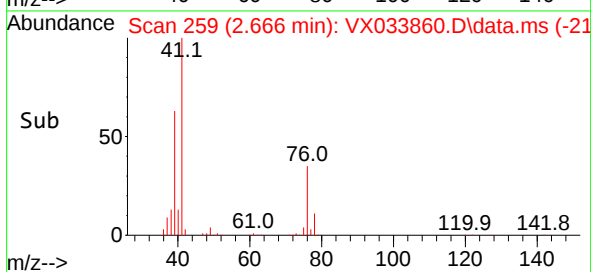
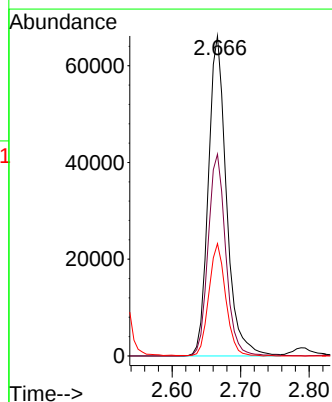
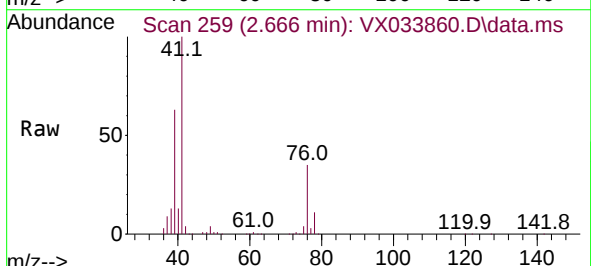
Manual Integrations
APPROVED

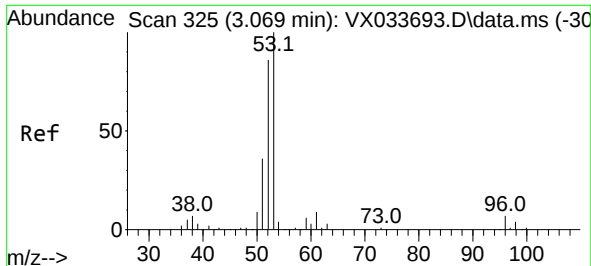
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023



#14
Allyl chloride
Concen: 44.592 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX033860.D
Acq: 23 Jan 2023 19:25

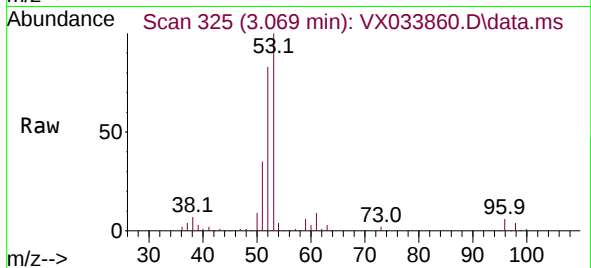
Tgt Ion: 41 Resp: 122045
Ion Ratio Lower Upper
41 100
39 61.2 59.0 88.4
76 32.7 24.6 37.0





#15
Acrylonitrile
Concen: 229.095 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033860.D
Acq: 23 Jan 2023 19:25

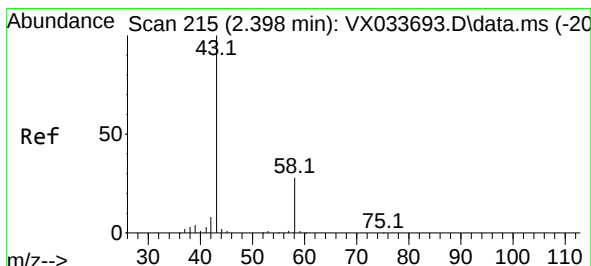
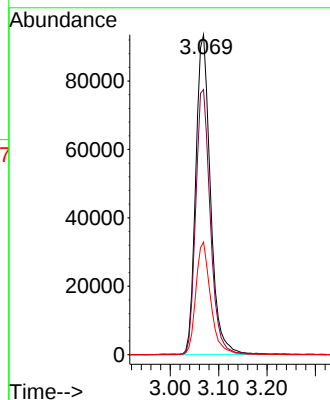
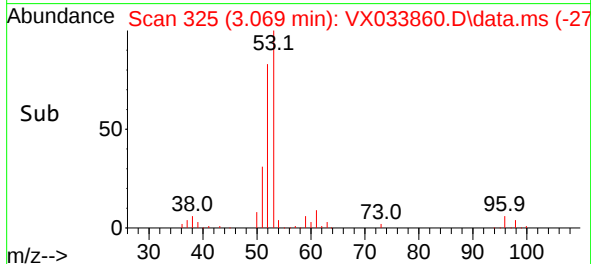
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



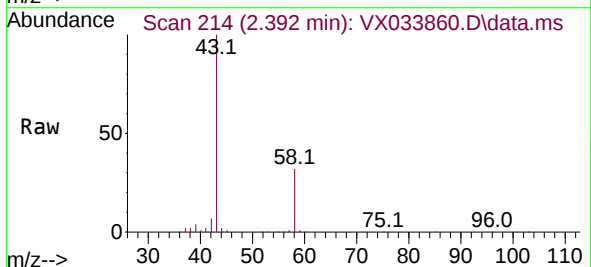
Tgt Ion: 53 Resp: 196679
Ion Ratio Lower Upper
53 100
52 83.0 65.7 98.5
51 35.5 29.0 43.4

Manual Integrations
APPROVED

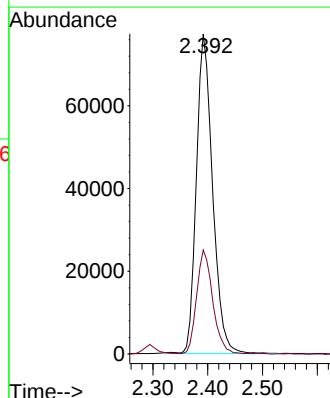
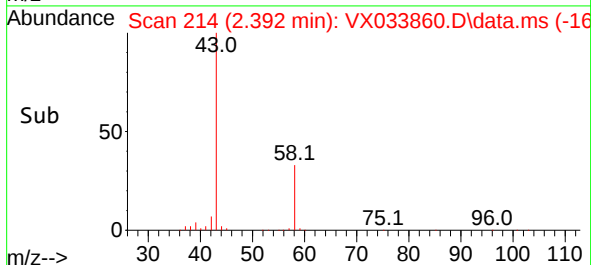
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023

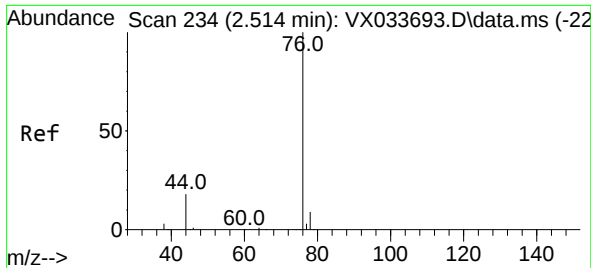


#16
Acetone
Concen: 232.181 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX033860.D
Acq: 23 Jan 2023 19:25



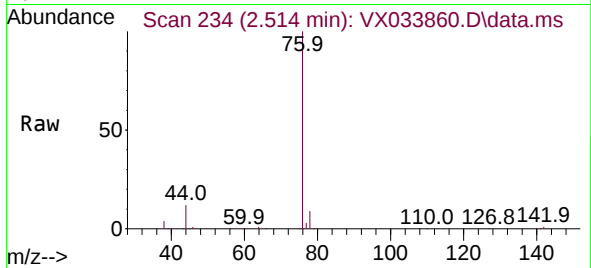
Tgt Ion: 43 Resp: 159044
Ion Ratio Lower Upper
43 100
58 32.4 22.6 33.8





#17
Carbon Disulfide
Concen: 45.716 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX033860.D
Acq: 23 Jan 2023 19:25

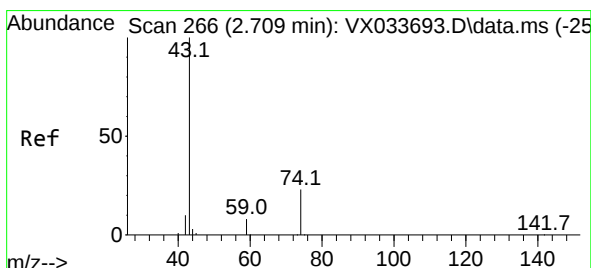
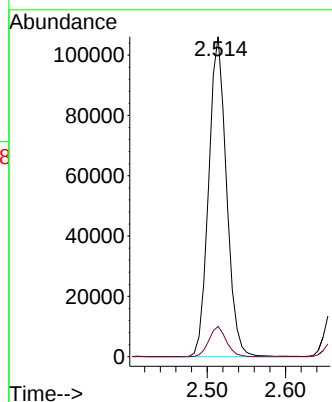
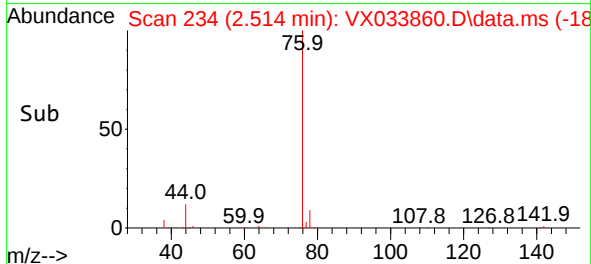
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



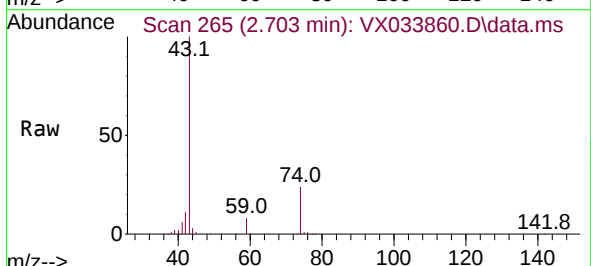
Tgt Ion: 76 Resp: 167294
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6

Manual Integrations
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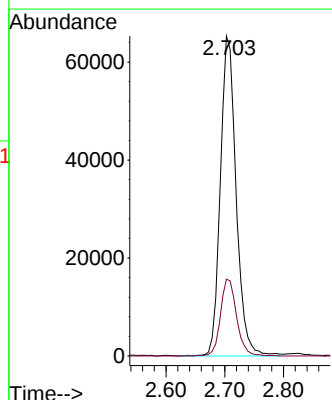
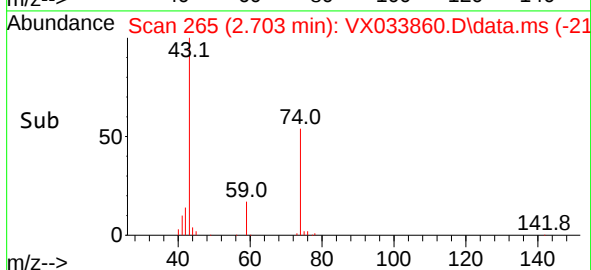
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023

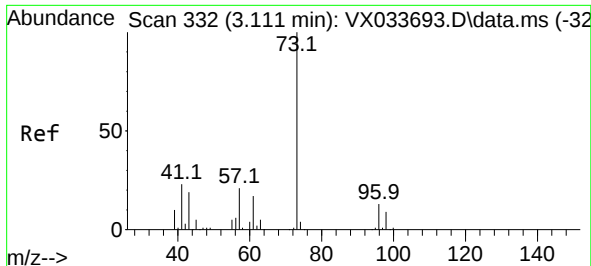


#18
Methyl Acetate
Concen: 46.577 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX033860.D
Acq: 23 Jan 2023 19:25



Tgt Ion: 43 Resp: 122059
Ion Ratio Lower Upper
43 100
74 24.5 18.2 27.4





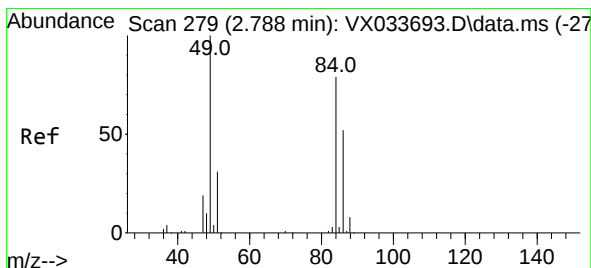
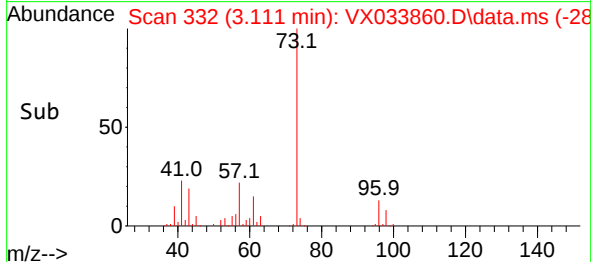
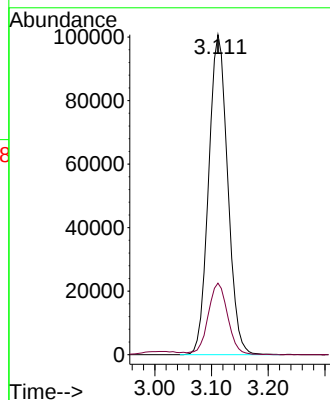
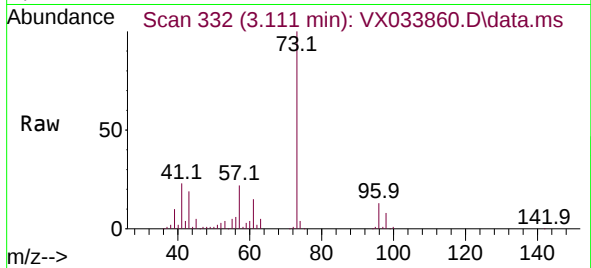
#19
Methyl tert-butyl Ether
Concen: 46.682 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX033860.D
Acq: 23 Jan 2023 19:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 23527
Ion Ratio Lower Upper
73 100
57 22.4 17.4 26.0

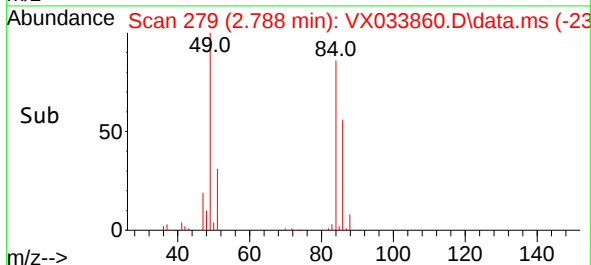
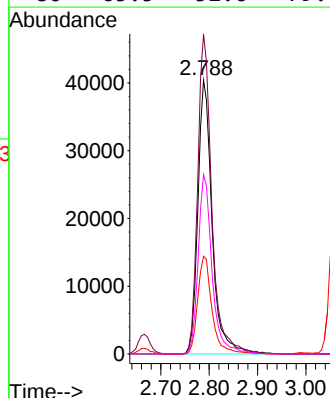
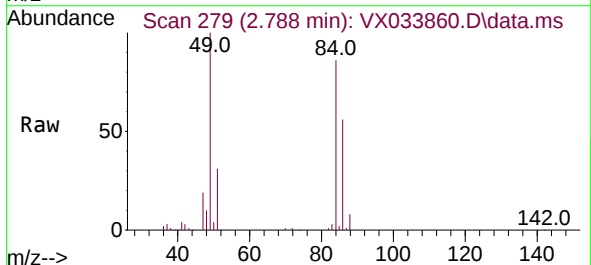
Manual Integrations
APPROVED

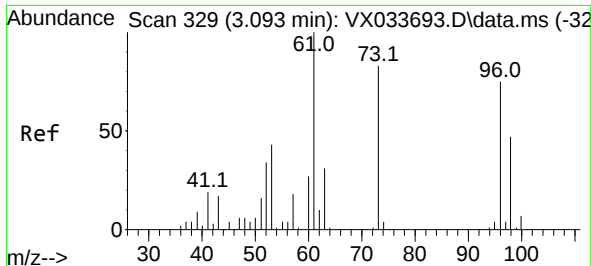
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023



#20
Methylene Chloride
Concen: 50.408 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX033860.D
Acq: 23 Jan 2023 19:25

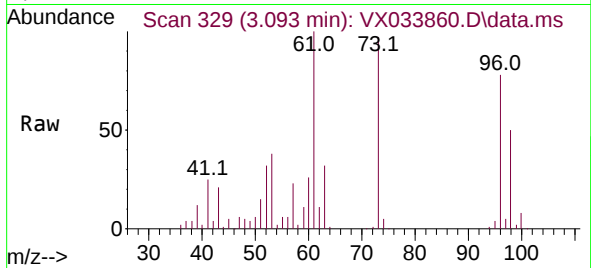
Tgt Ion: 84 Resp: 82267
Ion Ratio Lower Upper
84 100
49 116.9 101.1 151.7
51 35.7 31.0 46.6
86 65.5 52.6 79.0





#21
trans-1,2-Dichloroethene
Concen: 43.616 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.000 min
Lab File: VX033860.D
Acq: 23 Jan 2023 19:25

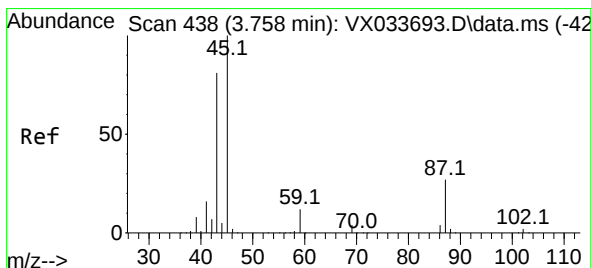
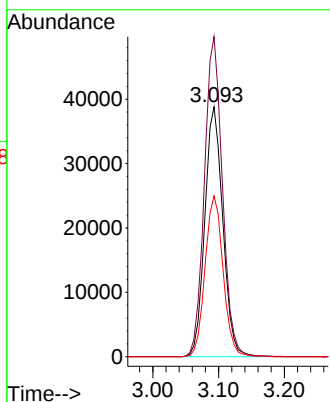
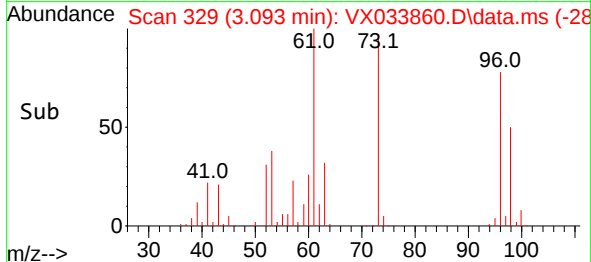
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



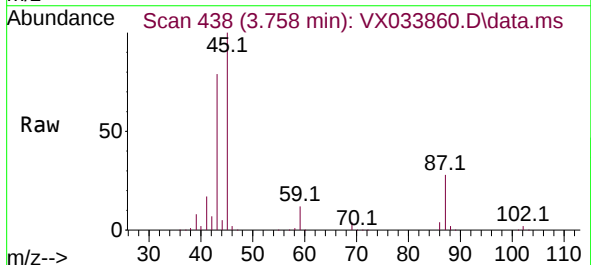
Tgt Ion: 96 Resp: 73990
Ion Ratio Lower Upper
96 100
61 128.1 106.7 160.1
98 64.4 50.0 75.0

Manual Integrations
APPROVED

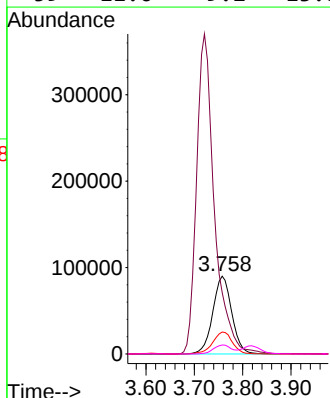
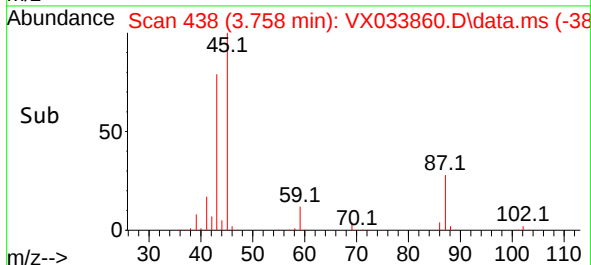
Reviewed By :John Carbone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023

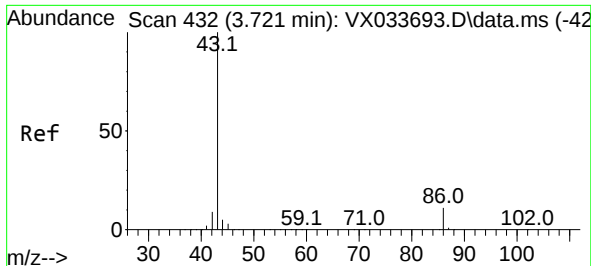


#22
Diisopropyl ether
Concen: 44.462 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX033860.D
Acq: 23 Jan 2023 19:25



Tgt Ion: 45 Resp: 244838
Ion Ratio Lower Upper
45 100
43 78.9 64.6 97.0
87 28.3 21.9 32.9
59 11.6 9.2 13.8





#23

Vinyl Acetate

Concen: 229.128 ug/l

RT: 3.721 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX033860.D

Acq: 23 Jan 2023 19:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 949830

Ion Ratio Lower Upper

43 100

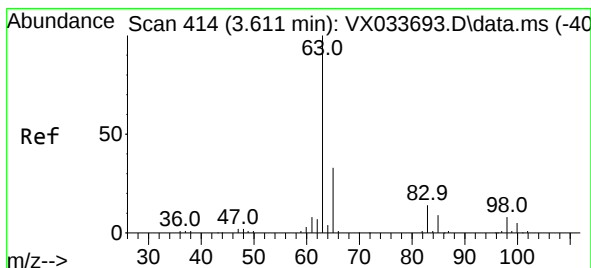
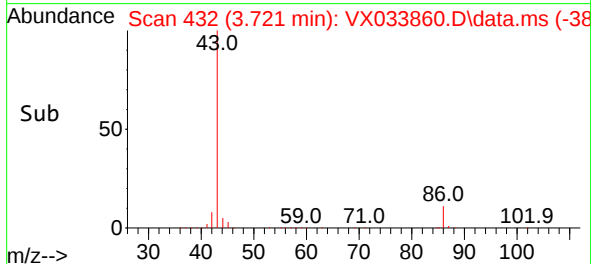
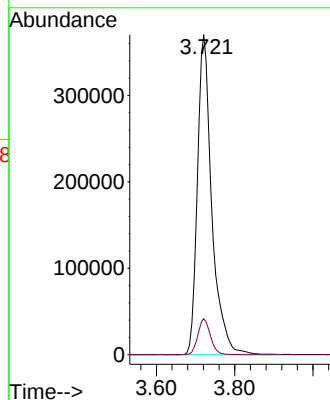
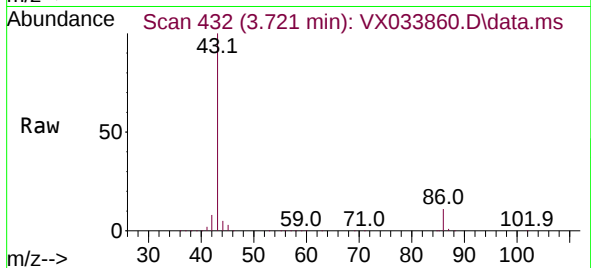
86 11.2 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2023

Supervised By :Mahesh Dadoda 01/27/2023



#24

1,1-Dichloroethane

Concen: 44.238 ug/l

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX033860.D

Acq: 23 Jan 2023 19:25

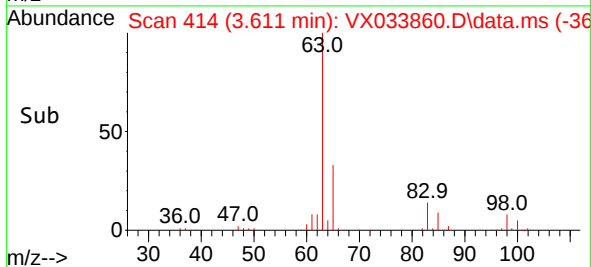
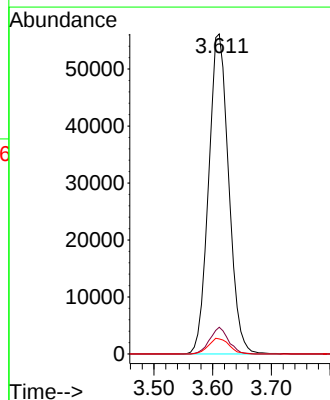
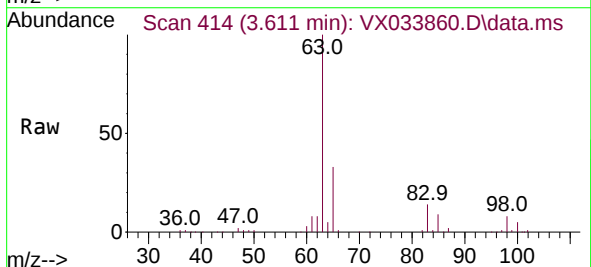
Tgt Ion: 63 Resp: 133280

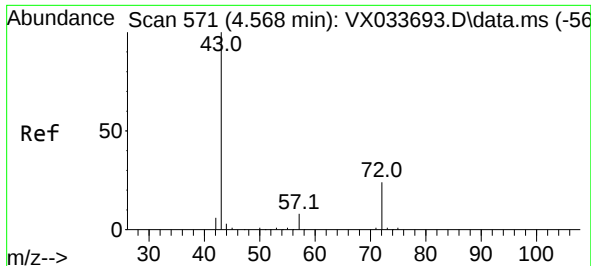
Ion Ratio Lower Upper

63 100

98 8.4 3.8 11.2

100 4.7 2.4 7.2





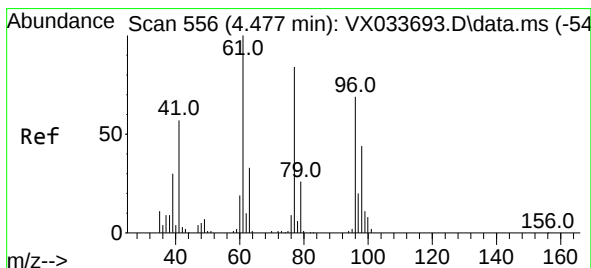
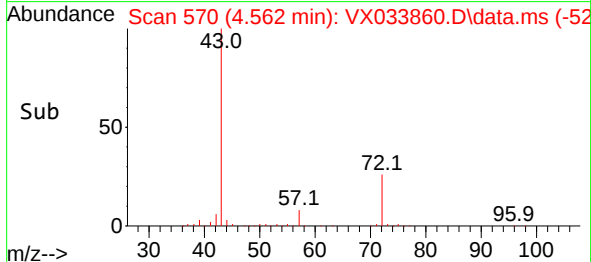
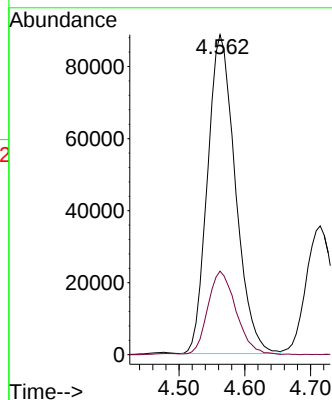
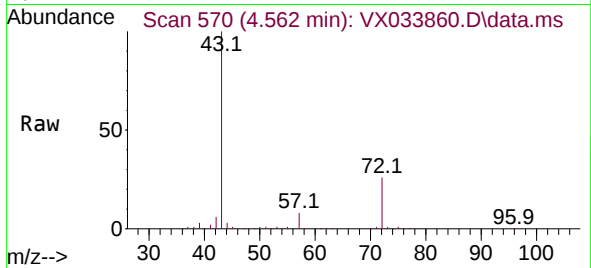
#25
2-Butanone
Concen: 212.724 ug/l
RT: 4.562 min Scan# 571
Delta R.T. -0.006 min
Lab File: VX033860.D
Acq: 23 Jan 2023 19:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 260985
Ion Ratio Lower Upper
43 100
72 26.1 19.4 29.2

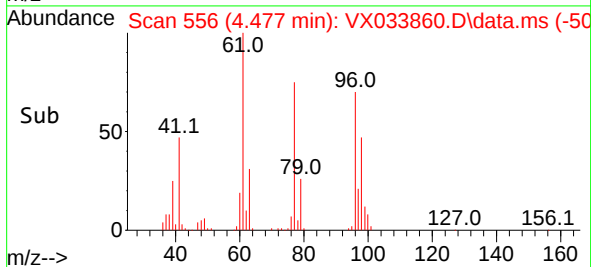
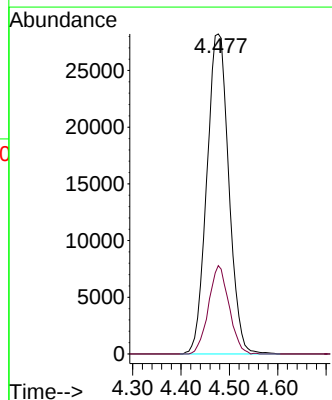
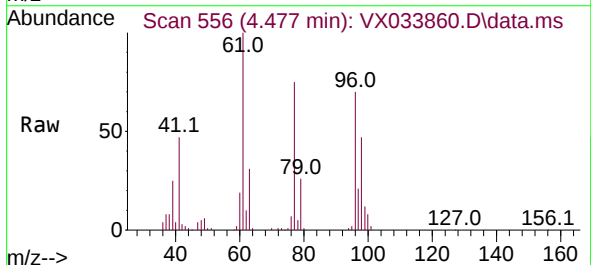
Manual Integrations
APPROVED

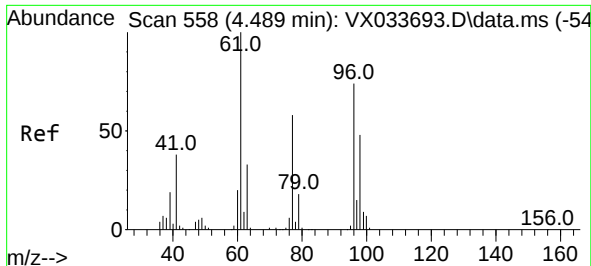
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023



#26
2,2-Dichloropropane
Concen: 41.219 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX033860.D
Acq: 23 Jan 2023 19:25

Tgt Ion: 77 Resp: 88955
Ion Ratio Lower Upper
77 100
97 25.7 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 45.522 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX033860.D

Acq: 23 Jan 2023 19:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 8878

Ion Ratio Lower Upper

96 100

61 132.8 0.0 277.6

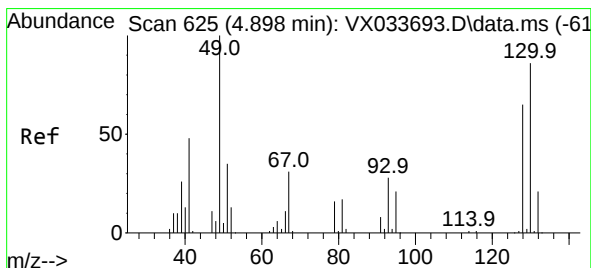
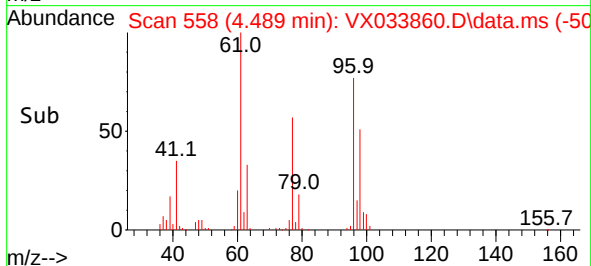
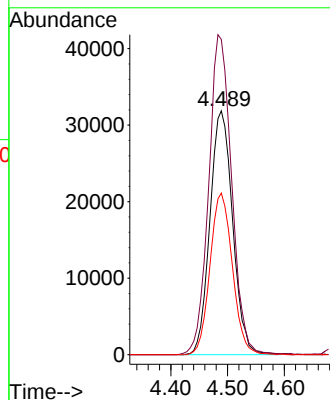
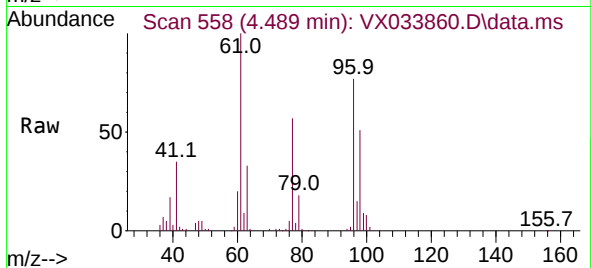
98 65.1 0.0 128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2023

Supervised By :Mahesh Dadoda 01/27/2023



#28

Bromochloromethane

Concen: 46.994 ug/l

RT: 4.904 min Scan# 626

Delta R.T. 0.006 min

Lab File: VX033860.D

Acq: 23 Jan 2023 19:25

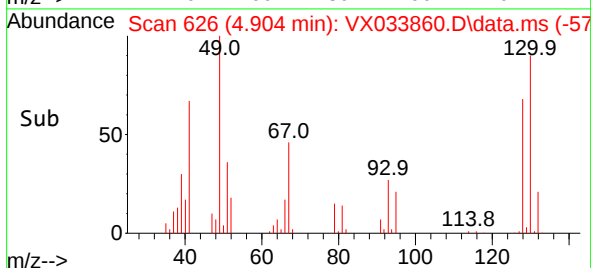
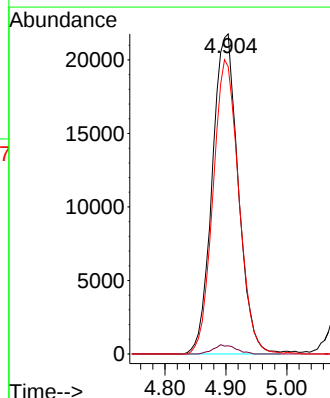
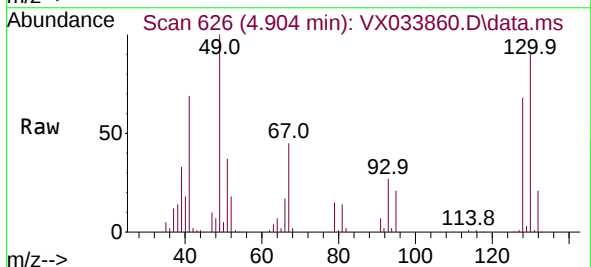
Tgt Ion: 49 Resp: 64492

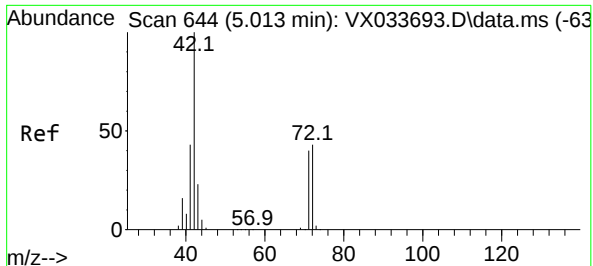
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

130 91.1 68.5 102.7





#29

Tetrahydrofuran

Concen: 224.196 ug/l

RT: 5.007 min Scan# 644

Delta R.T. -0.006 min

Lab File: VX033860.D

Acq: 23 Jan 2023 19:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 17336

Ion Ratio Lower Upper

42 100

72 44.9 34.8 52.2

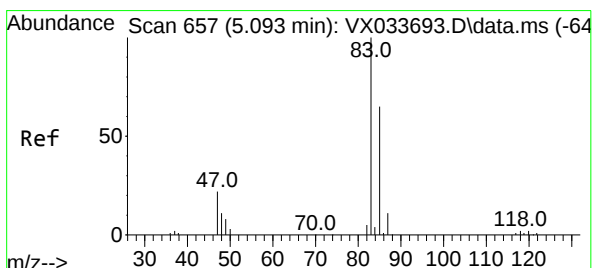
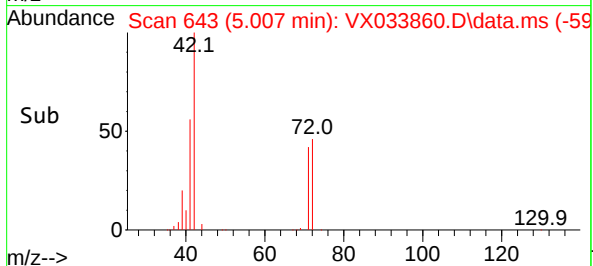
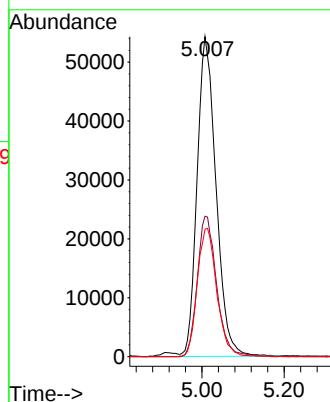
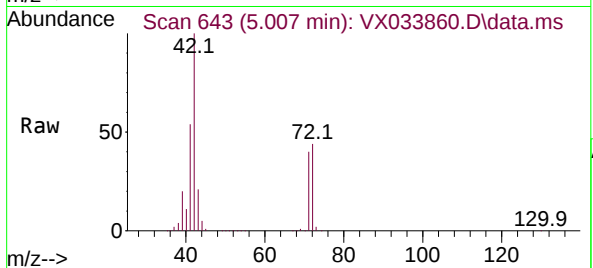
71 41.4 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2023

Supervised By :Mahesh Dadoda 01/27/2023



#30

Chloroform

Concen: 44.241 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX033860.D

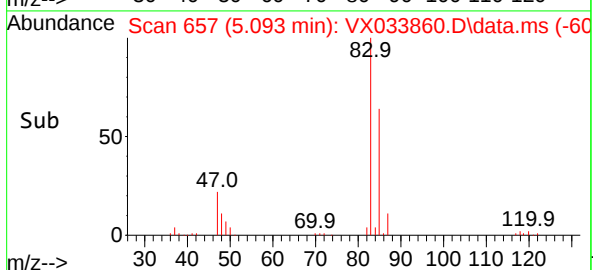
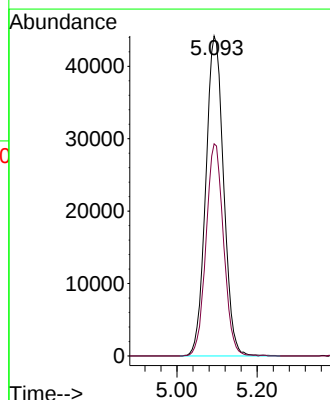
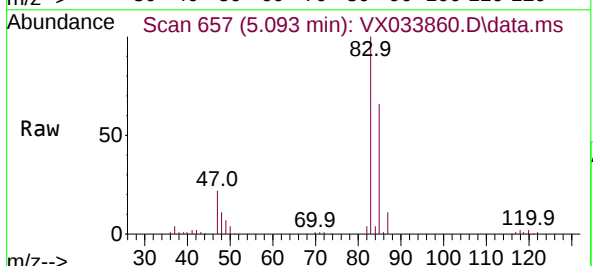
Acq: 23 Jan 2023 19:25

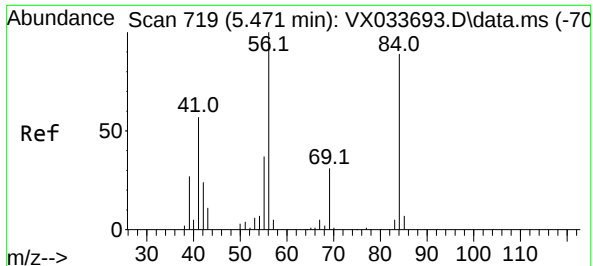
Tgt Ion: 83 Resp: 136516

Ion Ratio Lower Upper

83 100

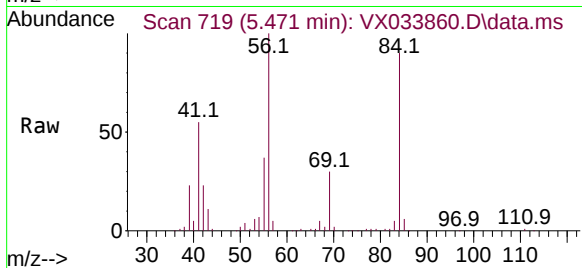
85 66.3 52.1 78.1





#31
Cyclohexane
Concen: 42.315 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX033860.D
Acq: 23 Jan 2023 19:25

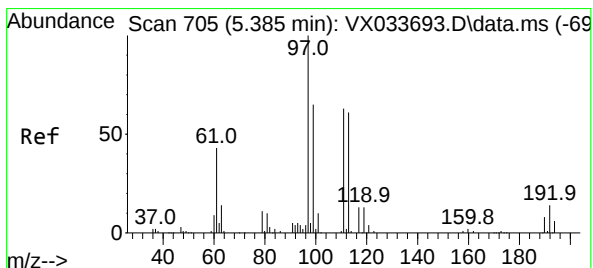
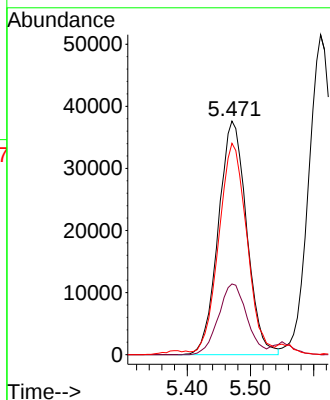
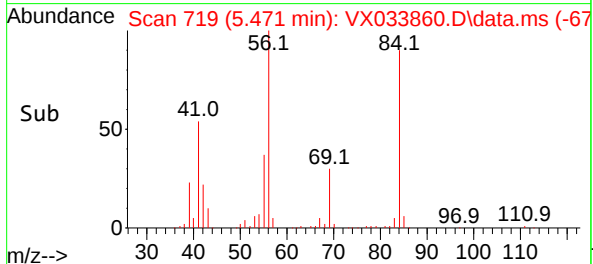
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



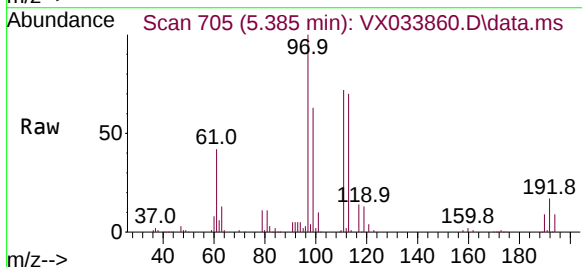
Tgt Ion: 56 Resp: 11692
Ion Ratio Lower Upper
56 100
69 30.2 24.6 37.0
84 88.8 71.0 106.6

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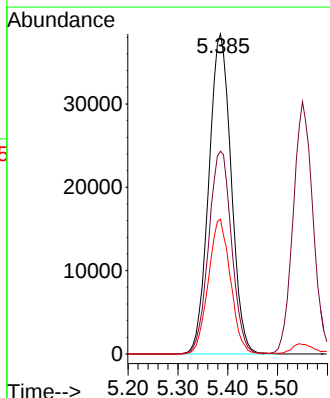
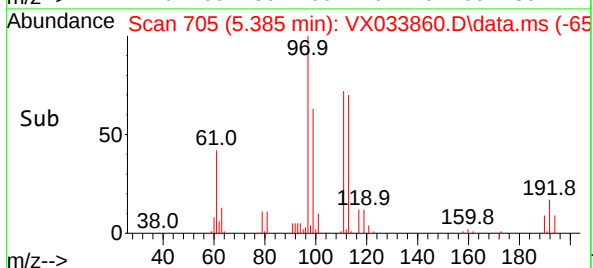
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023

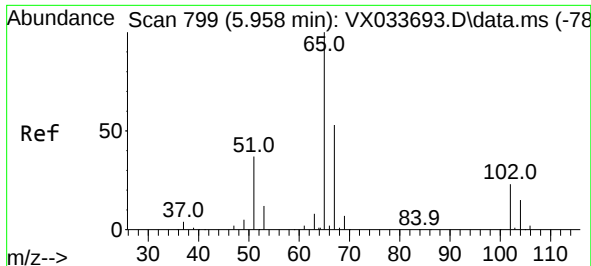


#32
1,1,1-Trichloroethane
Concen: 45.305 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033860.D
Acq: 23 Jan 2023 19:25



Tgt Ion: 97 Resp: 119361
Ion Ratio Lower Upper
97 100
99 65.2 52.3 78.5
61 41.7 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 46.220 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033860.D

Acq: 23 Jan 2023 19:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 86789

Ion Ratio Lower Upper

65 100

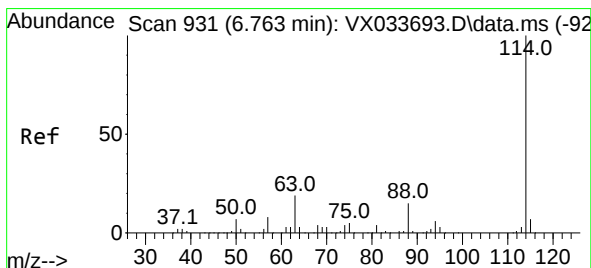
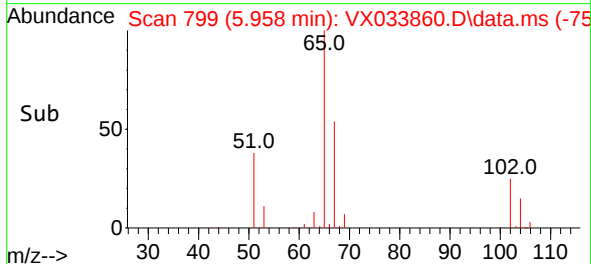
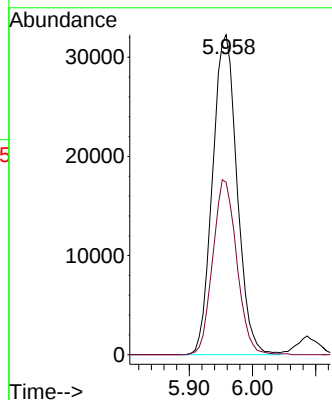
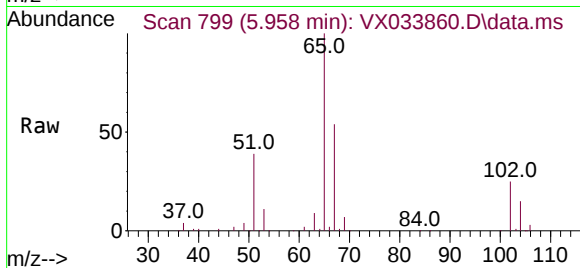
67 53.5 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2023

Supervised By :Mahesh Dadoda 01/27/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX033860.D

Acq: 23 Jan 2023 19:25

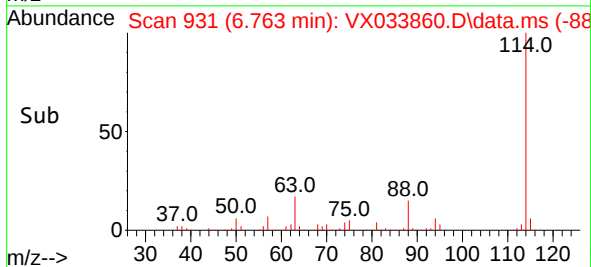
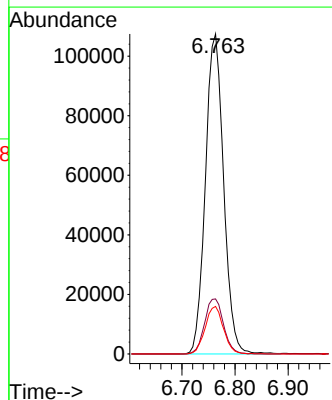
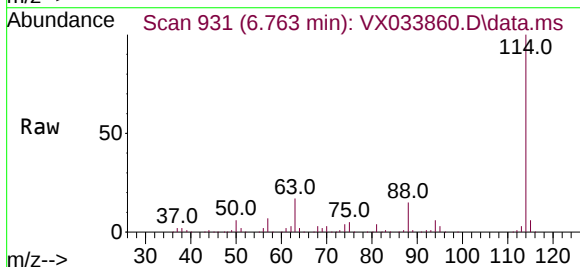
Tgt Ion:114 Resp: 256134

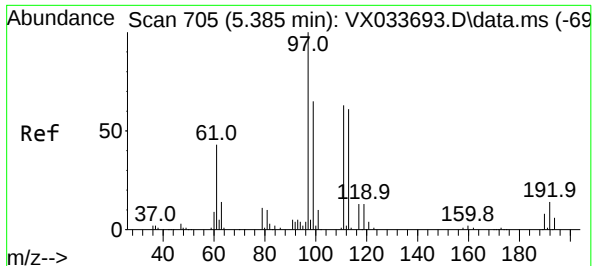
Ion Ratio Lower Upper

114 100

63 17.2 0.0 37.4

88 14.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.068 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX033860.D

Acq: 23 Jan 2023 19:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

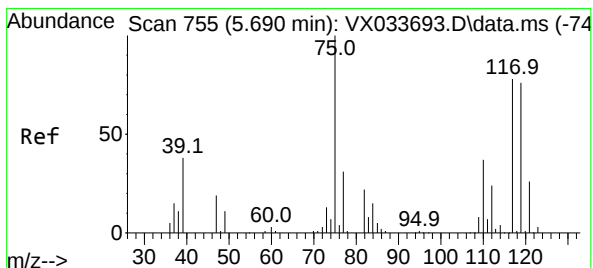
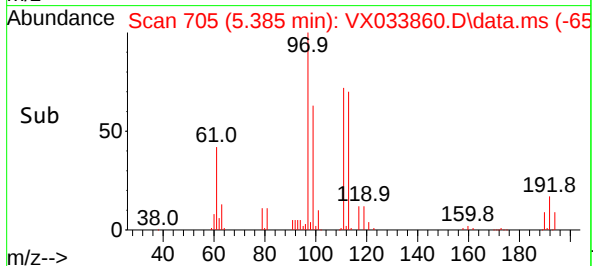
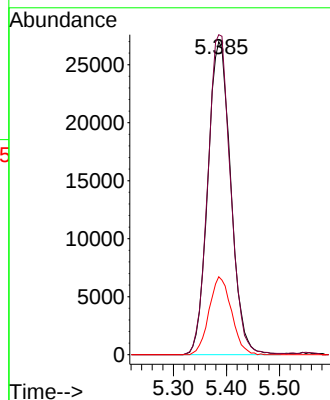
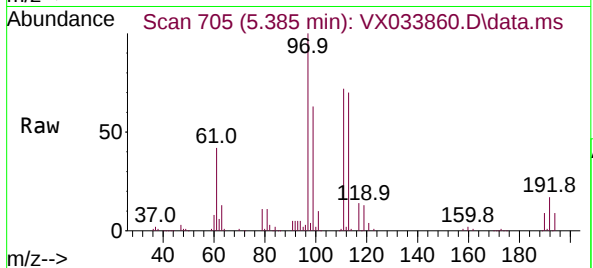
Tgt Ion:	113	Resp:	8122
Ion Ratio	Lower	Upper	
113	100		
111	101.2	83.0	124.6
192	24.2	19.0	28.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2023

Supervised By :Mahesh Dadoda 01/27/2023



#36

1,1-Dichloropropene

Concen: 42.257 ug/l

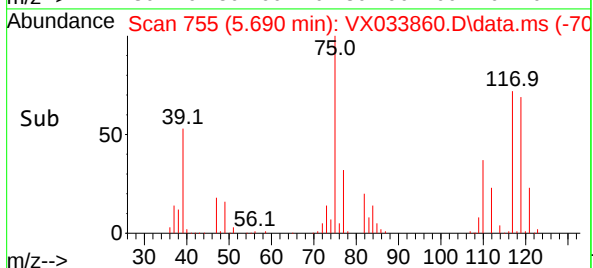
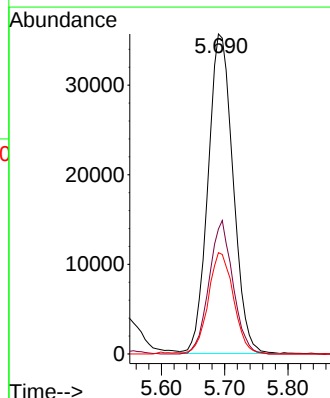
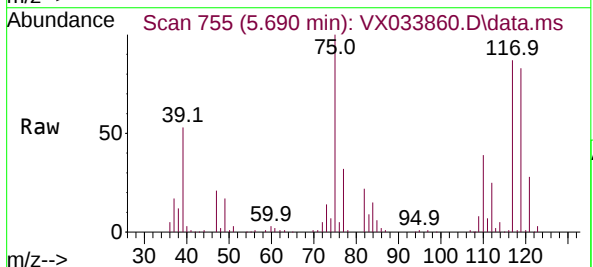
RT: 5.690 min Scan# 755

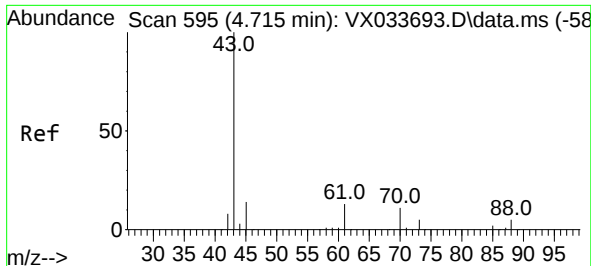
Delta R.T. 0.000 min

Lab File: VX033860.D

Acq: 23 Jan 2023 19:25

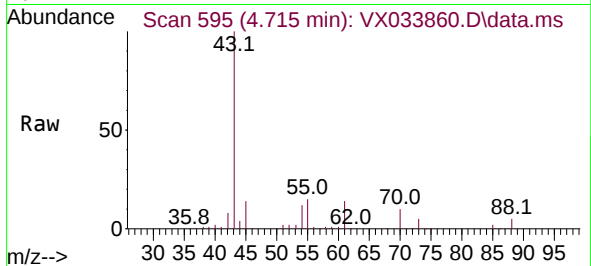
Tgt Ion:	75	Resp:	98088
Ion Ratio	Lower	Upper	
75	100		
110	39.7	18.8	56.4
77	31.9	25.1	37.7





#37
Ethyl Acetate
Concen: 47.644 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX033860.D
Acq: 23 Jan 2023 19:25

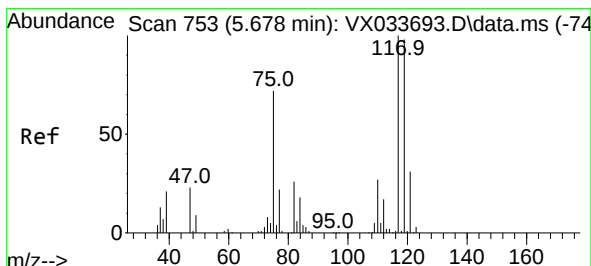
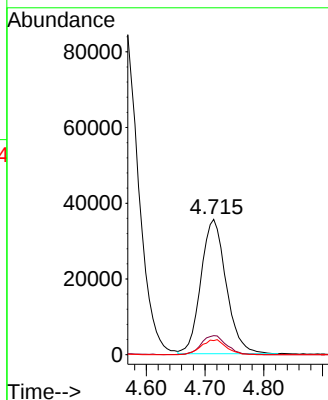
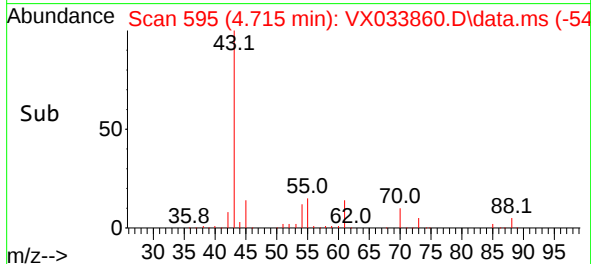
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 10582
Ion Ratio Lower Upper
43 100
61 14.3 11.1 16.7
70 11.0 8.5 12.7

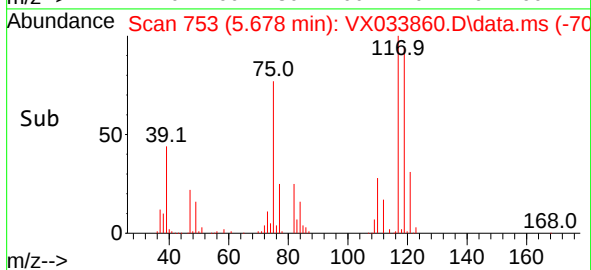
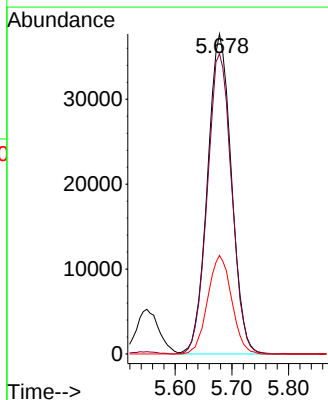
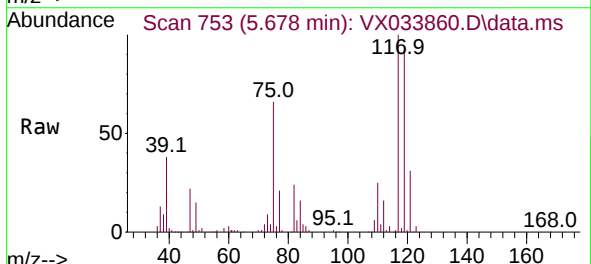
Manual Integrations
APPROVED

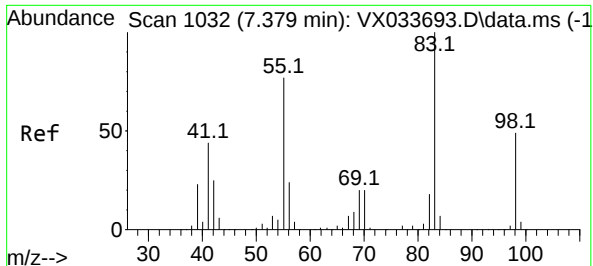
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023



#38
Carbon Tetrachloride
Concen: 45.977 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX033860.D
Acq: 23 Jan 2023 19:25

Tgt Ion:117 Resp: 110534
Ion Ratio Lower Upper
117 100
119 93.8 78.0 117.0
121 30.8 24.4 36.6





#39

Methylcyclohexane

Concen: 41.713 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX033860.D

Acq: 23 Jan 2023 19:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 119570

Ion Ratio Lower Upper

83 100

55 75.7 61.8 92.6

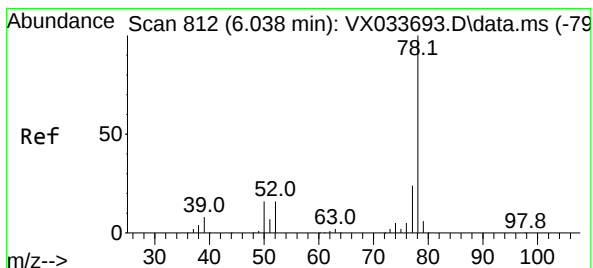
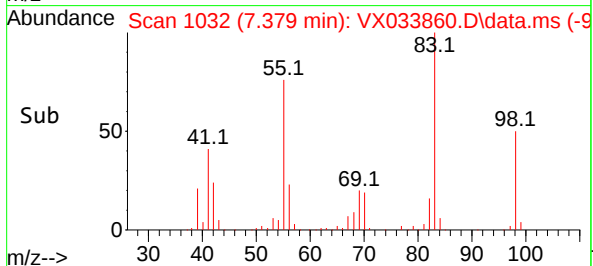
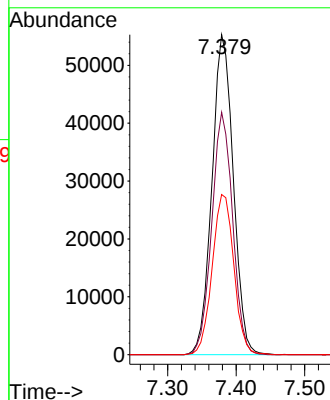
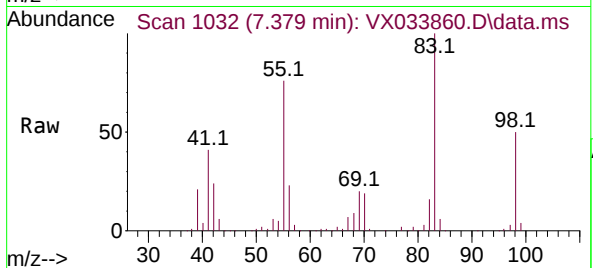
98 50.1 39.3 58.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2023

Supervised By :Mahesh Dadoda 01/27/2023



#40

Benzene

Concen: 45.012 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX033860.D

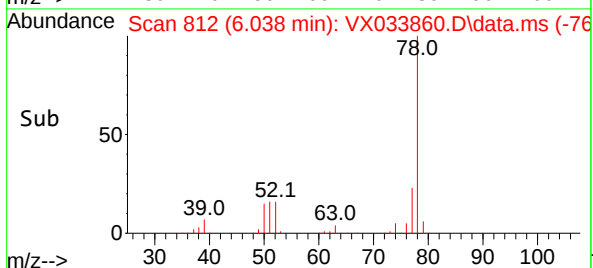
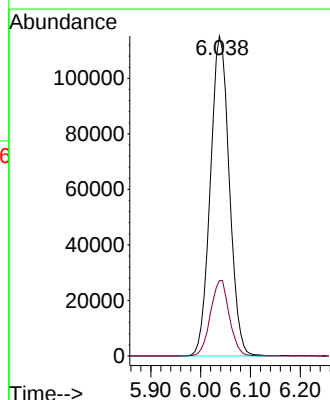
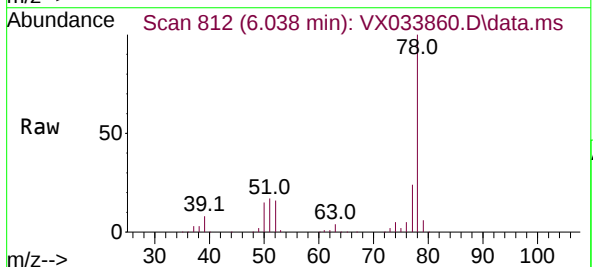
Acq: 23 Jan 2023 19:25

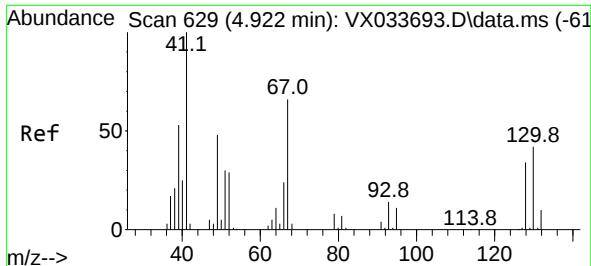
Tgt Ion: 78 Resp: 304541

Ion Ratio Lower Upper

78 100

77 23.5 19.0 28.4





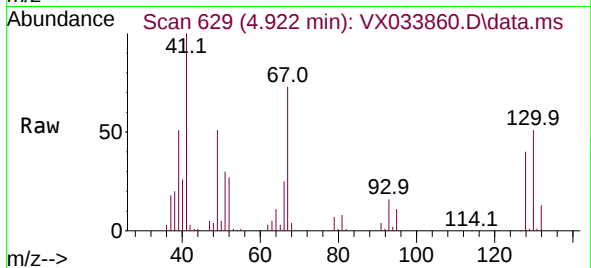
#41
Methacrylonitrile
Concen: 48.093 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX033860.D
Acq: 23 Jan 2023 19:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



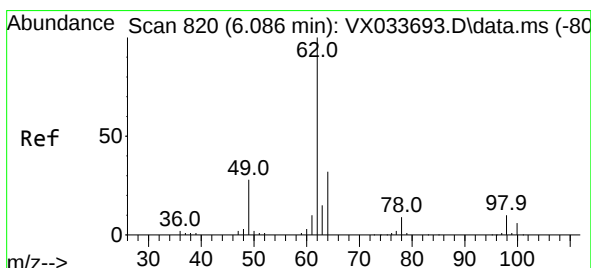
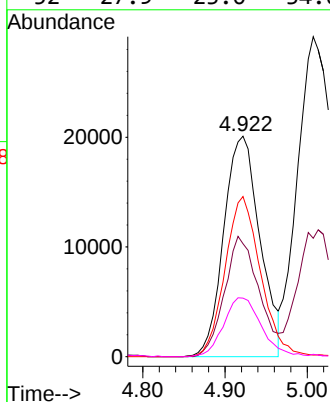
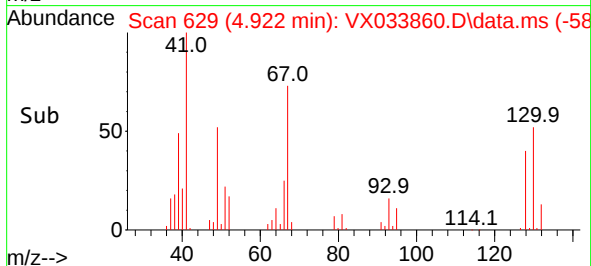
Tgt Ion: 41 Resp: 6151
Ion Ratio Lower Upper
41 100
39 51.9 43.8 65.6
67 71.9 54.8 82.2
52 27.9 23.0 34.6

Manual Integrations

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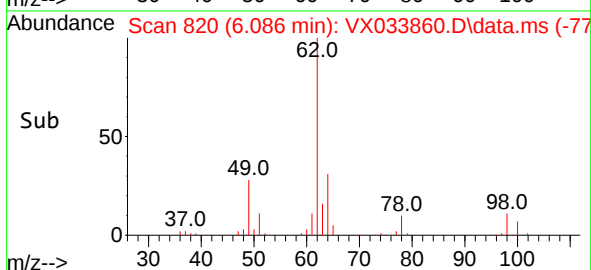
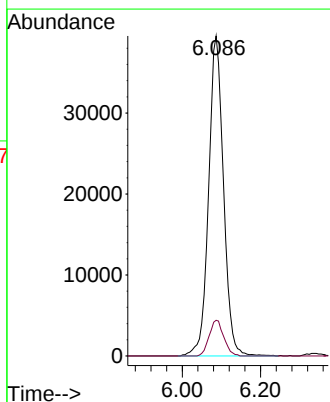
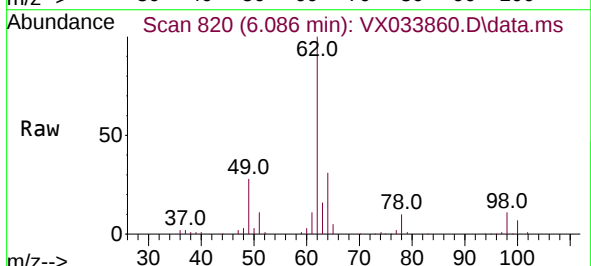
Reviewed By :John Carlone 01/24/2023

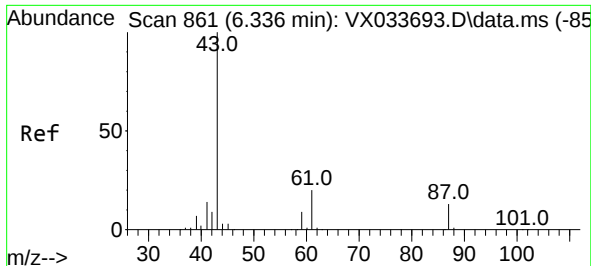
Supervised By :Mahesh Dadoda 01/27/2023



#42
1,2-Dichloroethane
Concen: 43.311 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX033860.D
Acq: 23 Jan 2023 19:25

Tgt Ion: 62 Resp: 103846
Ion Ratio Lower Upper
62 100
98 11.0 0.0 20.2





#43

Isopropyl Acetate

Concen: 46.122 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX033860.D

Acq: 23 Jan 2023 19:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

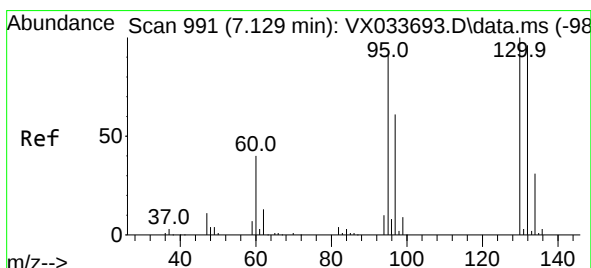
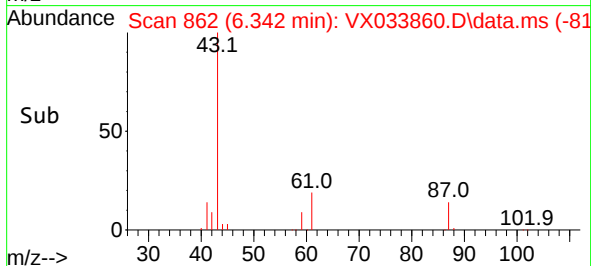
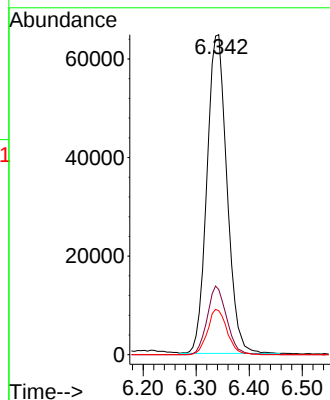
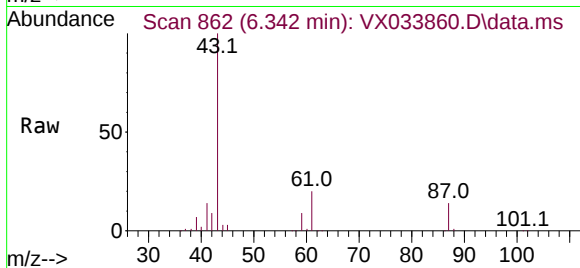
Tgt Ion: 43	Resp: 16901
Ion Ratio	Lower Upper
43	100
61	20.9 15.7 23.5
87	13.9 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2023

Supervised By :Mahesh Dadoda 01/27/2023



#44

Trichloroethene

Concen: 47.674 ug/l

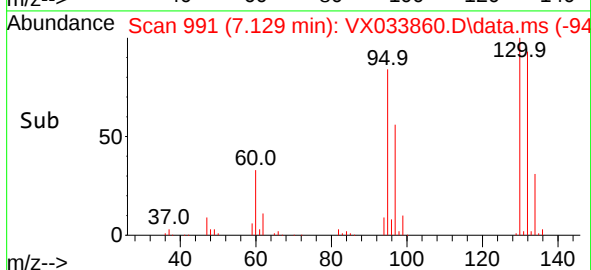
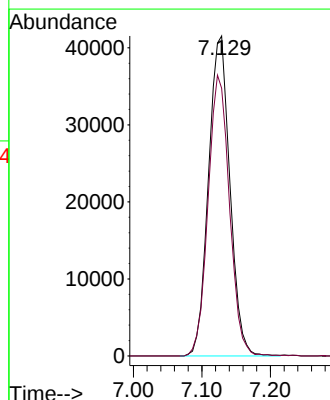
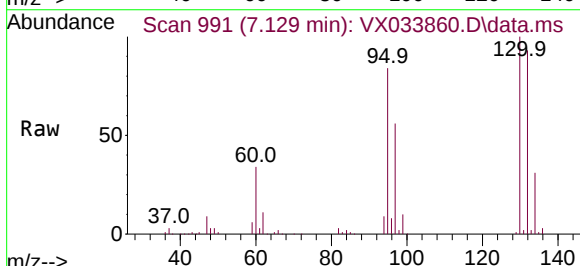
RT: 7.129 min Scan# 991

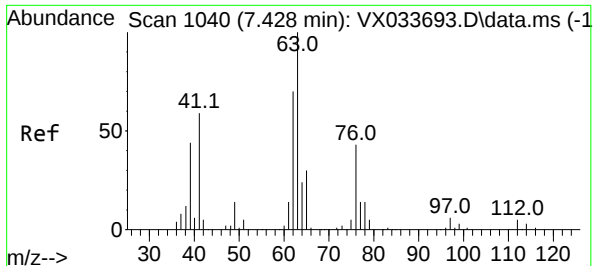
Delta R.T. 0.000 min

Lab File: VX033860.D

Acq: 23 Jan 2023 19:25

Tgt Ion:130	Resp: 90197
Ion Ratio	Lower Upper
130	100
95	83.7 0.0 182.6





#45

1,2-Dichloropropane

Concen: 45.865 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX033860.D

Acq: 23 Jan 2023 19:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

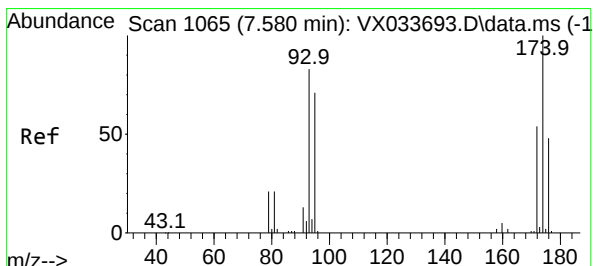
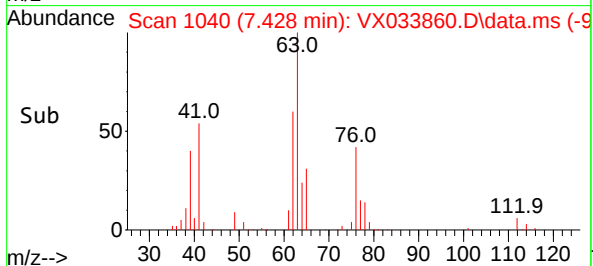
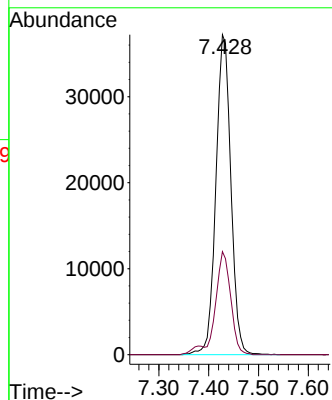
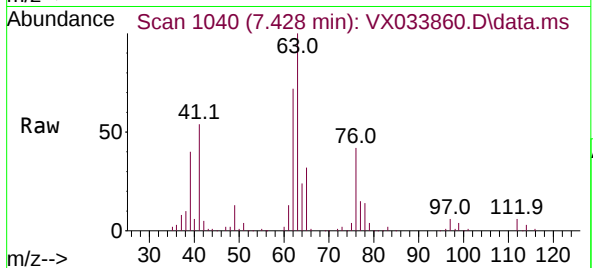
Tgt Ion: 63 Resp: 77734
 Ion Ratio Lower Upper
 63 100
 65 32.2 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2023

Supervised By :Mahesh Dadoda 01/27/2023



#46

Dibromomethane

Concen: 46.358 ug/l

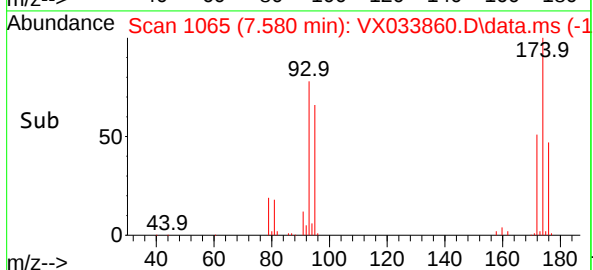
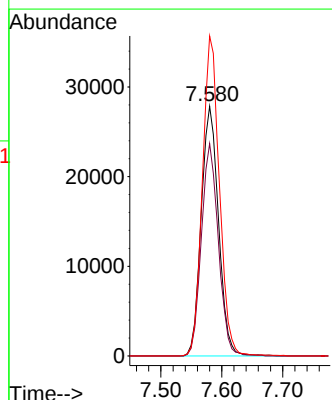
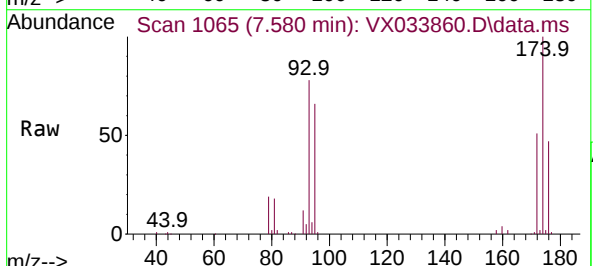
RT: 7.580 min Scan# 1065

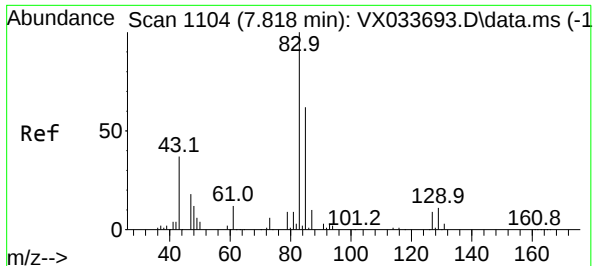
Delta R.T. 0.000 min

Lab File: VX033860.D

Acq: 23 Jan 2023 19:25

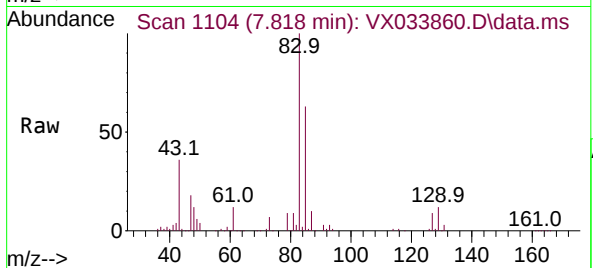
Tgt Ion: 93 Resp: 54880
 Ion Ratio Lower Upper
 93 100
 95 83.5 67.6 101.4
 174 126.0 97.4 146.0





#47
Bromodichloromethane
Concen: 47.386 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX033860.D
Acq: 23 Jan 2023 19:25

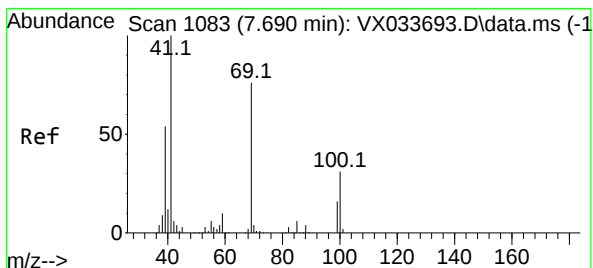
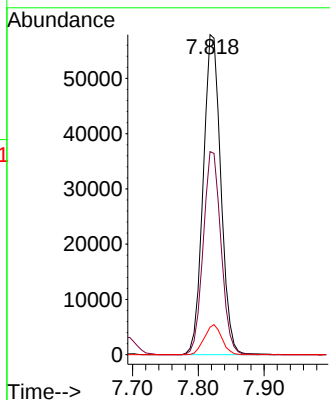
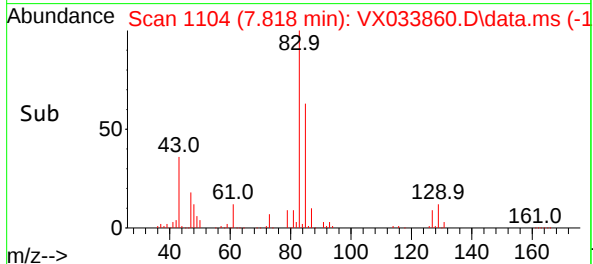
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 108110
Ion Ratio Lower Upper
83 100
85 63.4 49.8 74.6
127 8.6 7.0 10.4

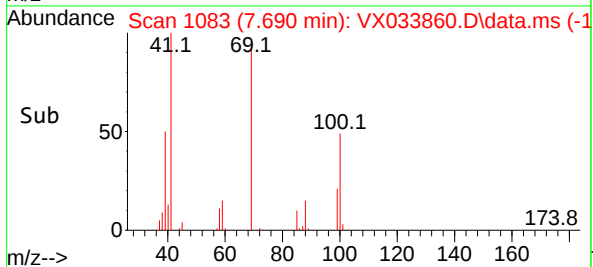
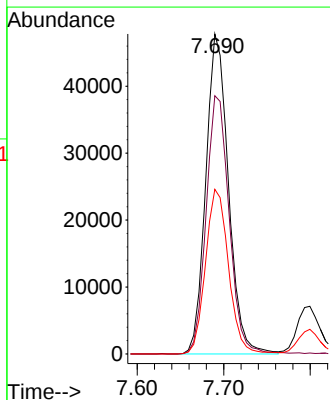
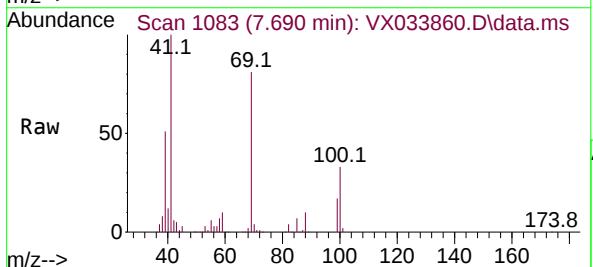
Manual Integrations
APPROVED

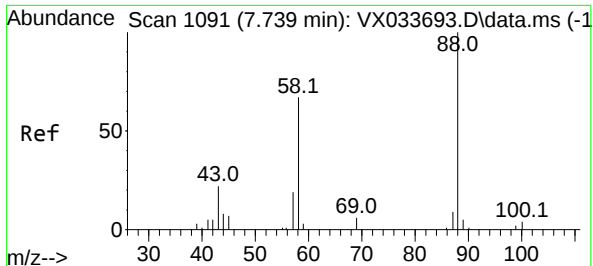
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023



#48
Methyl methacrylate
Concen: 47.168 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX033860.D
Acq: 23 Jan 2023 19:25

Tgt Ion: 41 Resp: 87069
Ion Ratio Lower Upper
41 100
69 82.1 63.1 94.7
39 52.3 43.2 64.8





#49

1,4-Dioxane

Concen: 926.005 ug/l

RT: 7.714 min Scan# 1091

Delta R.T. -0.024 min

Lab File: VX033860.D

Acq: 23 Jan 2023 19:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

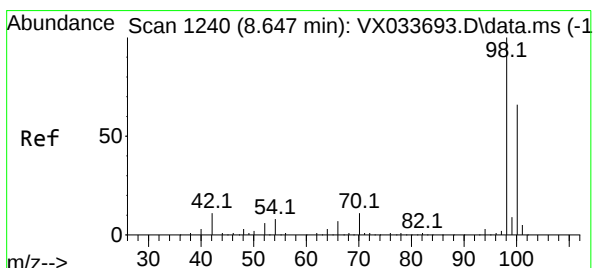
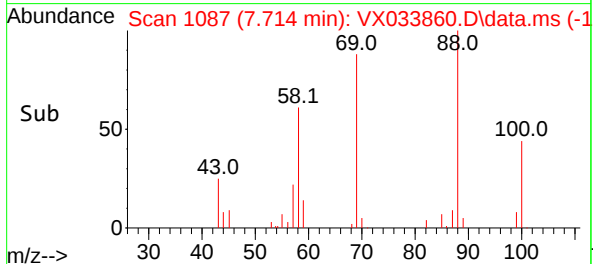
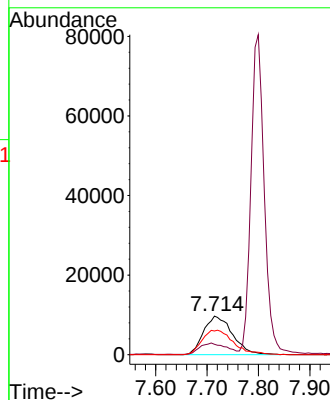
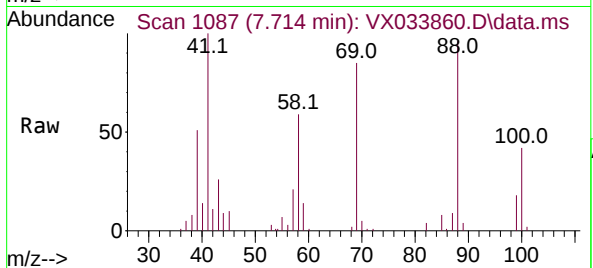
Tgt Ion: 88 Resp: 37810
 Ion Ratio Lower Upper
 88 100
 43 27.8 0.0 0.0
 58 68.9 56.5 84.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2023

Supervised By :Mahesh Dadoda 01/27/2023



#50

Toluene-d8

Concen: 49.344 ug/l

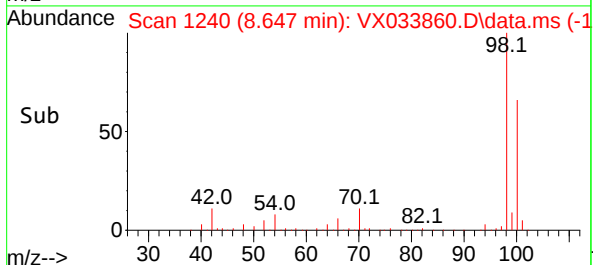
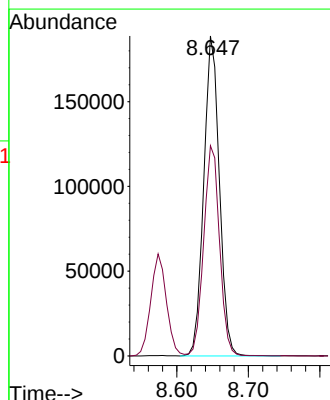
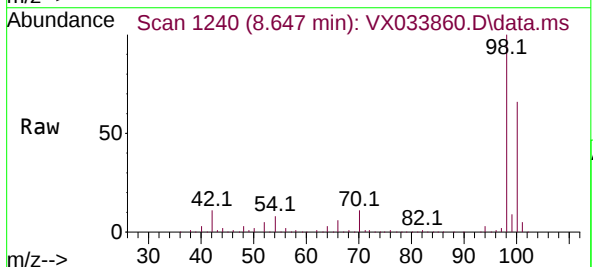
RT: 8.647 min Scan# 1240

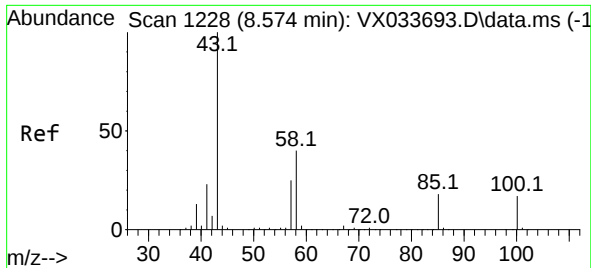
Delta R.T. 0.000 min

Lab File: VX033860.D

Acq: 23 Jan 2023 19:25

Tgt Ion: 98 Resp: 285943
 Ion Ratio Lower Upper
 98 100
 100 66.7 53.6 80.4





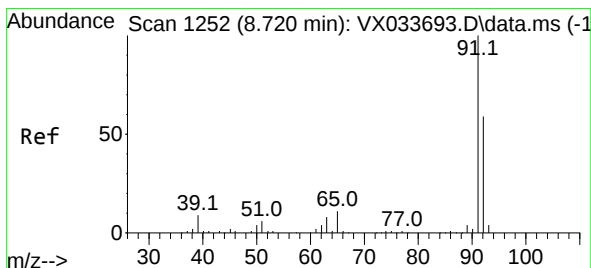
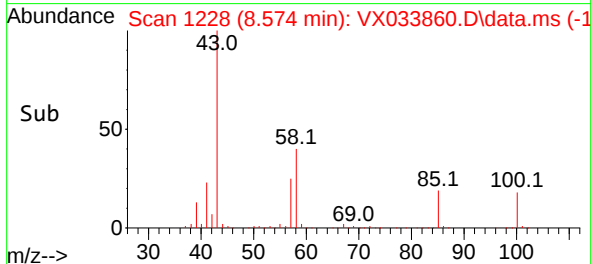
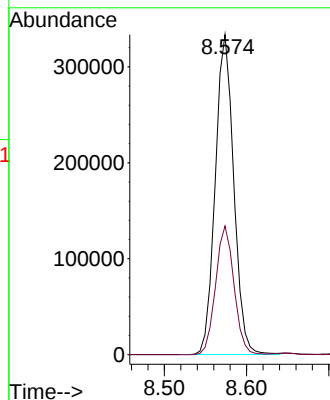
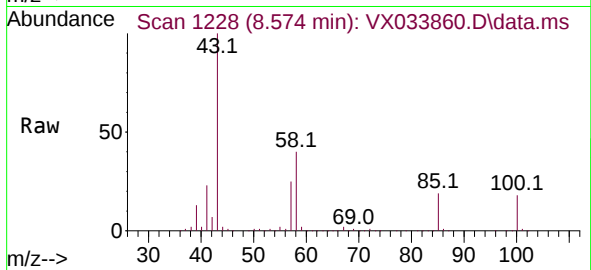
#51
4-Methyl-2-Pentanone
Concen: 231.808 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX033860.D
Acq: 23 Jan 2023 19:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 521680
Ion Ratio Lower Upper
43 100
58 40.0 31.2 46.8

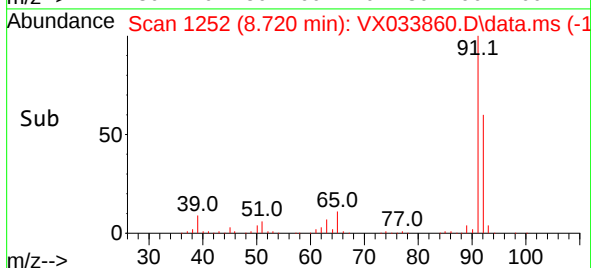
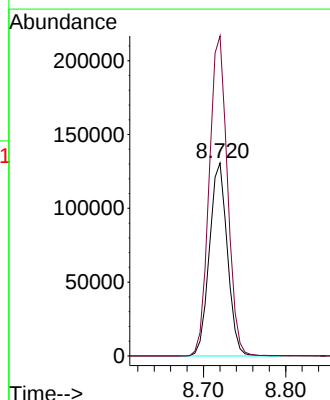
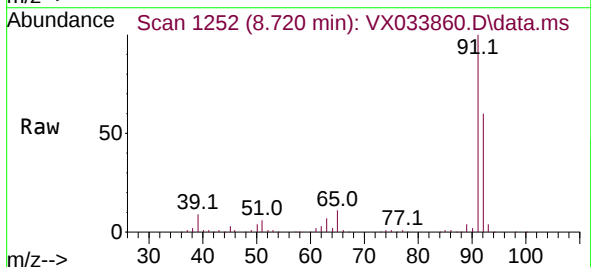
Manual Integrations
APPROVED

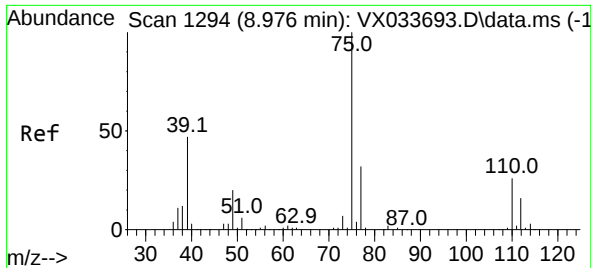
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023



#52
Toluene
Concen: 45.372 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033860.D
Acq: 23 Jan 2023 19:25

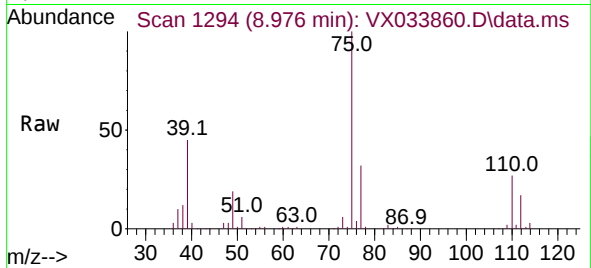
Tgt Ion: 92 Resp: 198241
Ion Ratio Lower Upper
92 100
91 168.8 135.5 203.3





#53
t-1,3-Dichloropropene
Concen: 48.995 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX033860.D
Acq: 23 Jan 2023 19:25

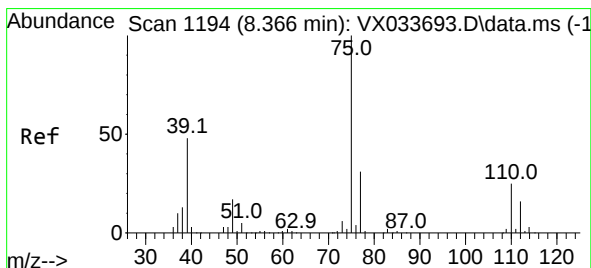
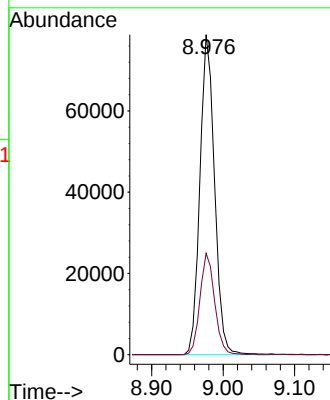
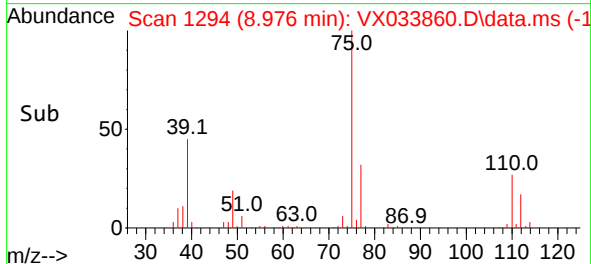
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



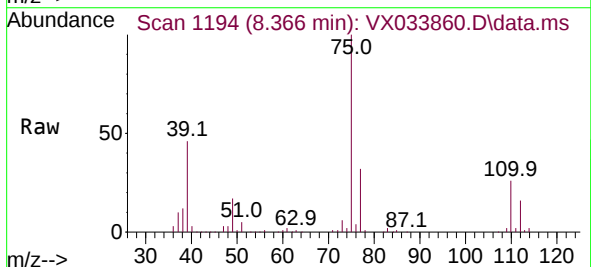
Tgt Ion: 75 Resp: 111780
Ion Ratio Lower Upper
75 100
77 31.7 25.5 38.3

Manual Integrations
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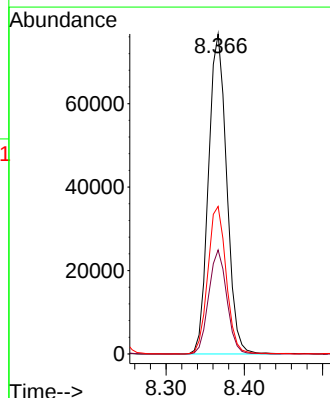
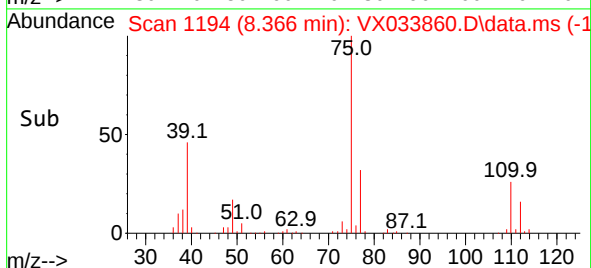
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023

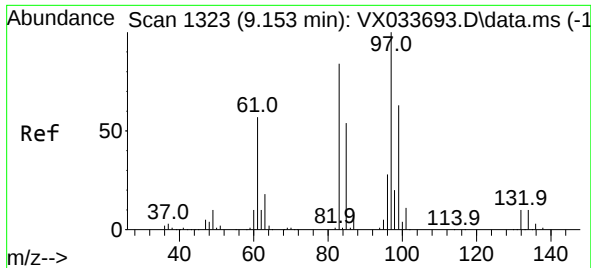


#54
cis-1,3-Dichloropropene
Concen: 48.413 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX033860.D
Acq: 23 Jan 2023 19:25



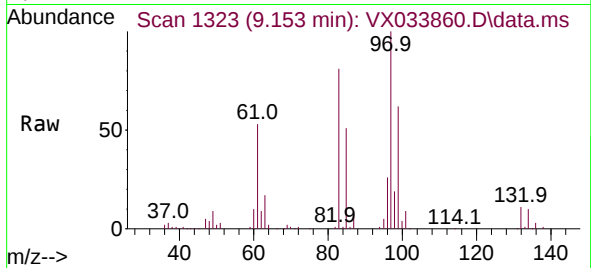
Tgt Ion: 75 Resp: 123770
Ion Ratio Lower Upper
75 100
77 32.5 25.0 37.6
39 46.1 38.6 58.0





#55
1,1,2-Trichloroethane
Concen: 46.933 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX033860.D
Acq: 23 Jan 2023 19:25

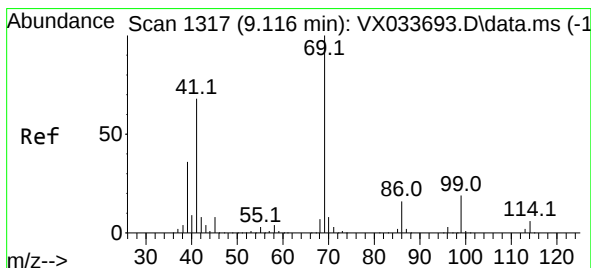
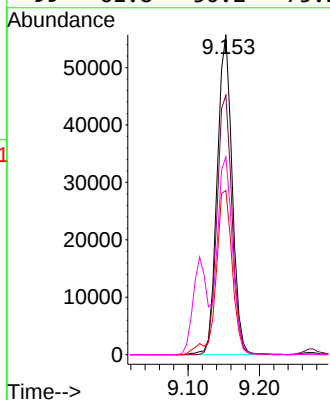
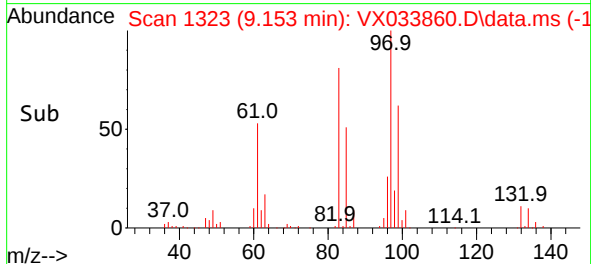
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



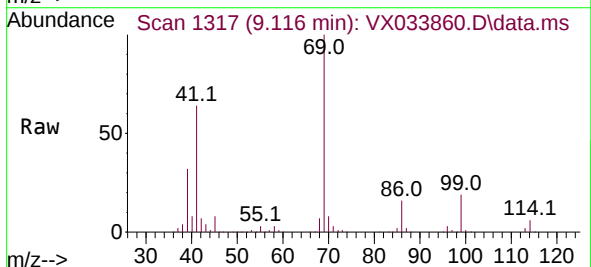
Tgt Ion: 97 Resp: 81170
Ion Ratio Lower Upper
97 100
83 81.1 67.4 101.0
85 51.3 43.2 64.8
99 61.8 50.2 75.2

Manual Integrations
APPROVED

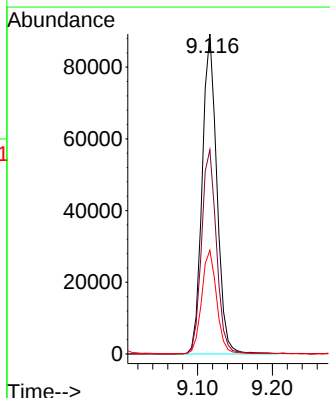
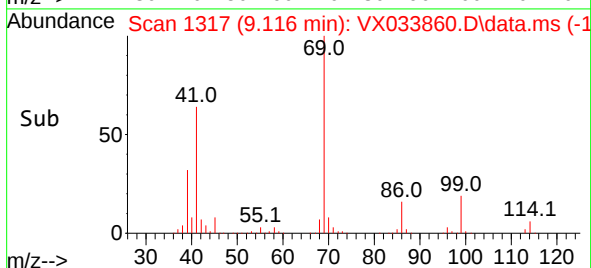
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023

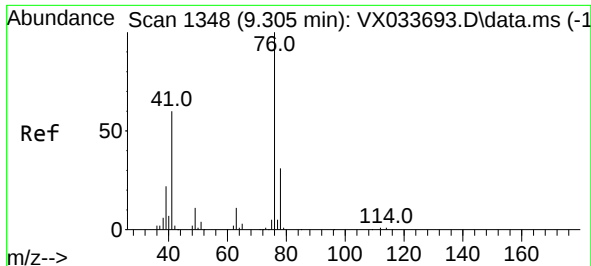


#56
Ethyl methacrylate
Concen: 49.979 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX033860.D
Acq: 23 Jan 2023 19:25



Tgt Ion: 69 Resp: 121647
Ion Ratio Lower Upper
69 100
41 65.4 55.1 82.7
39 33.5 28.5 42.7





#57

1,3-Dichloropropane

Concen: 47.327 ug/l

RT: 9.305 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX033860.D

Acq: 23 Jan 2023 19:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 132724

Ion Ratio Lower Upper

76 100

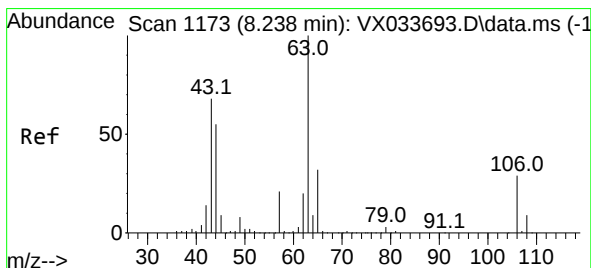
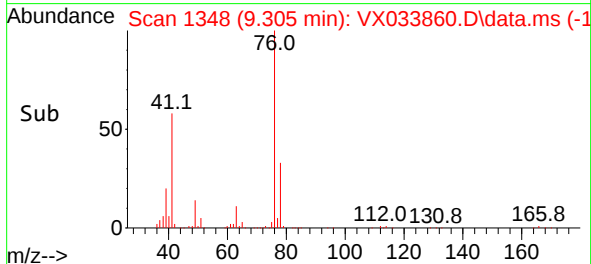
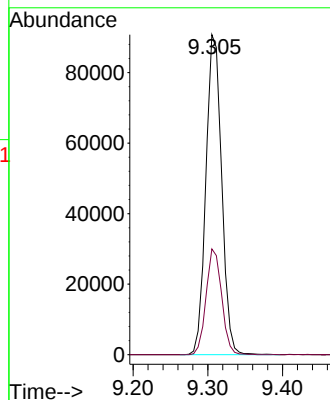
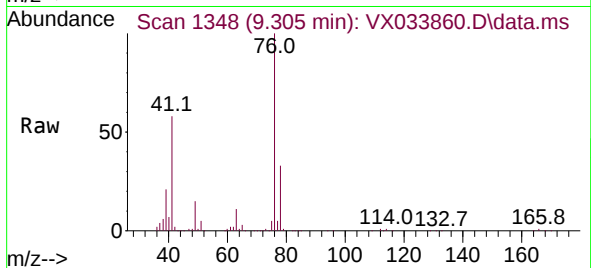
78 32.6 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2023

Supervised By :Mahesh Dadoda 01/27/2023



#58

2-Chloroethyl Vinyl ether

Concen: 245.829 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX033860.D

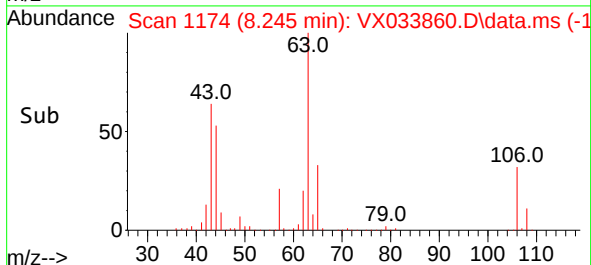
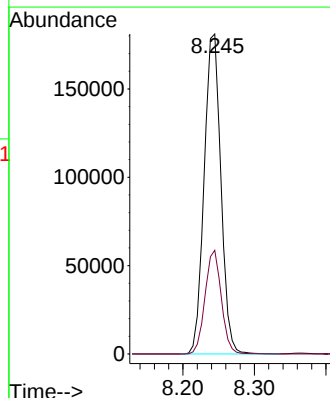
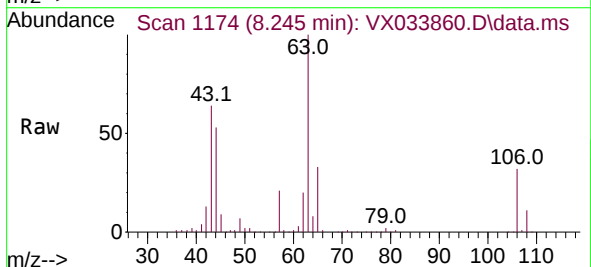
Acq: 23 Jan 2023 19:25

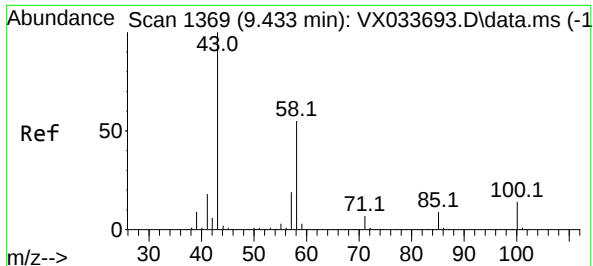
Tgt Ion: 63 Resp: 294675

Ion Ratio Lower Upper

63 100

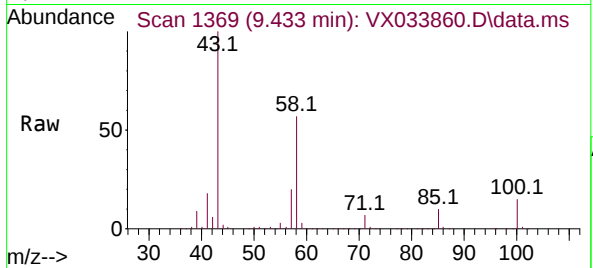
106 31.5 24.5 36.7





#59
2-Hexanone
Concen: 241.986 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX033860.D
Acq: 23 Jan 2023 19:25

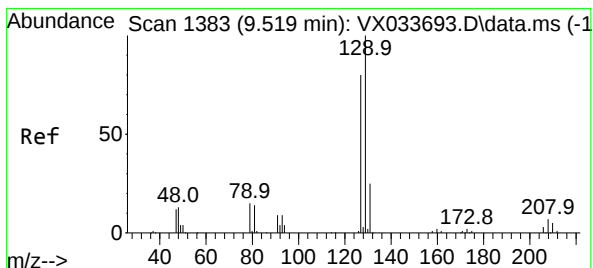
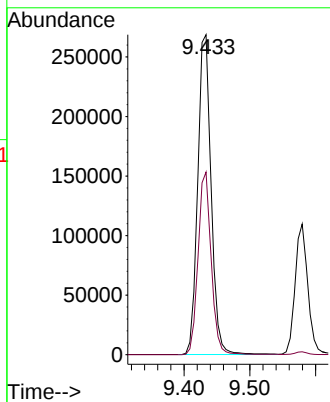
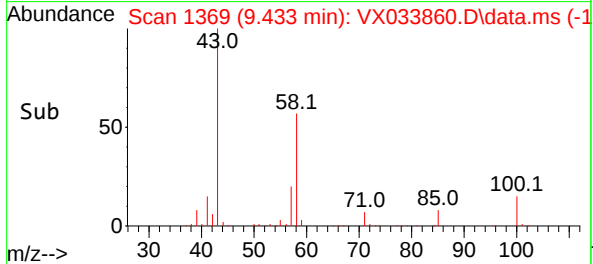
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 379045
Ion Ratio Lower Upper
43 100
58 56.0 27.4 82.0

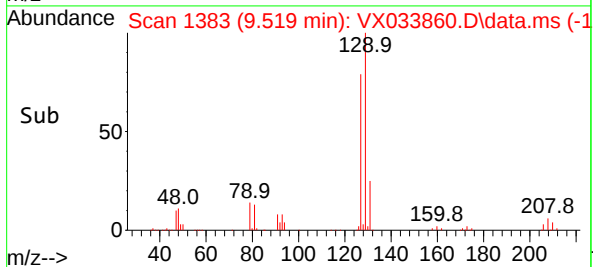
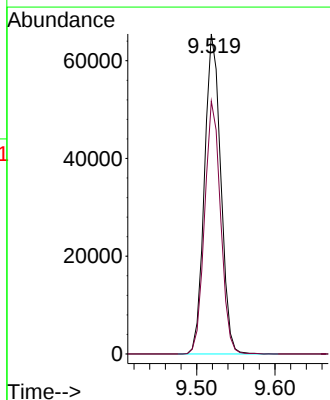
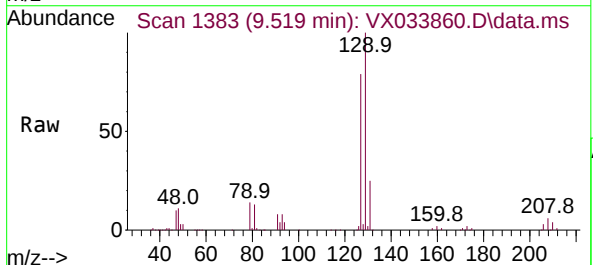
Manual Integrations
APPROVED

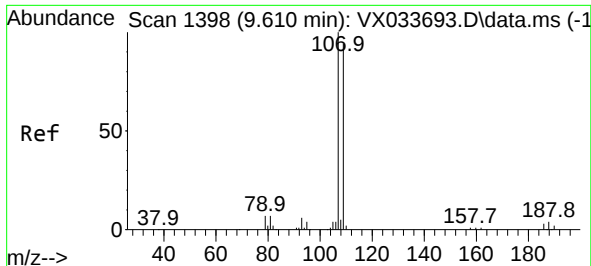
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023



#60
Dibromochloromethane
Concen: 52.552 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX033860.D
Acq: 23 Jan 2023 19:25

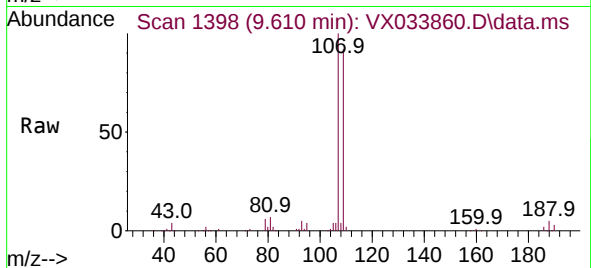
Tgt Ion:129 Resp: 94227
Ion Ratio Lower Upper
129 100
127 77.5 38.8 116.3





#61
1,2-Dibromoethane
Concen: 49.595 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX033860.D
Acq: 23 Jan 2023 19:25

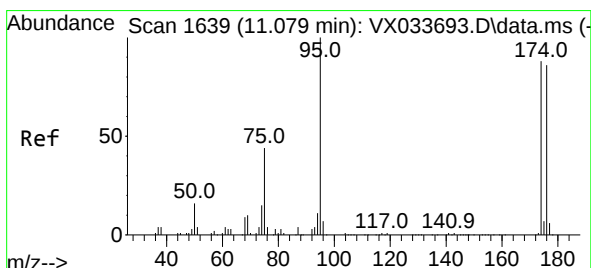
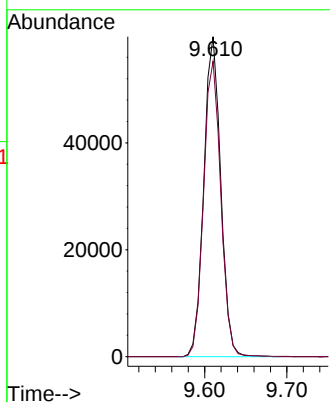
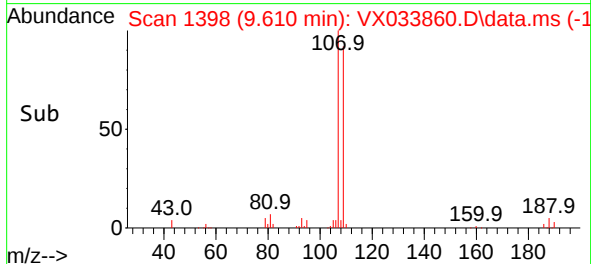
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



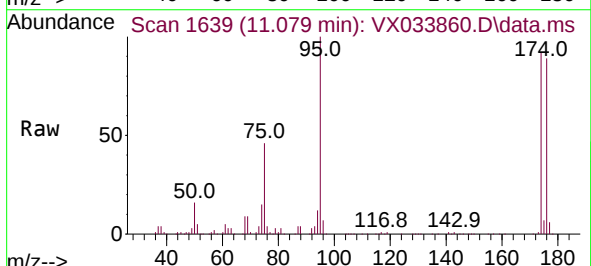
Tgt Ion:107 Resp: 85602
Ion Ratio Lower Upper
107 100
109 93.8 74.2 111.2

Manual Integrations
APPROVED

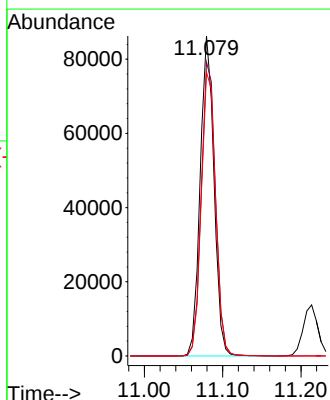
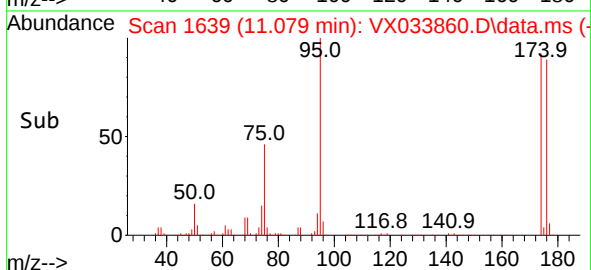
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023

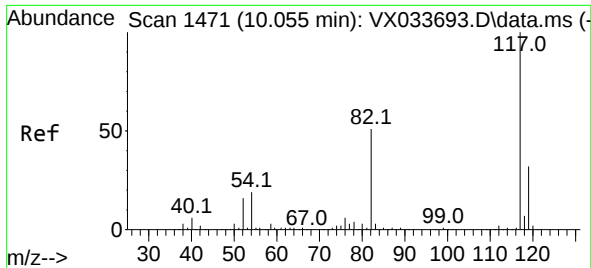


#62
4-Bromofluorobenzene
Concen: 48.972 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033860.D
Acq: 23 Jan 2023 19:25



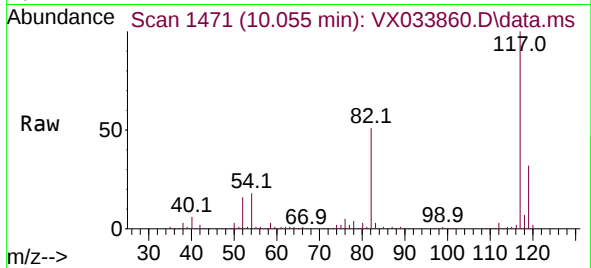
Tgt Ion: 95 Resp: 105365
Ion Ratio Lower Upper
95 100
174 95.2 0.0 184.4
176 92.3 0.0 178.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033860.D
Acq: 23 Jan 2023 19:25

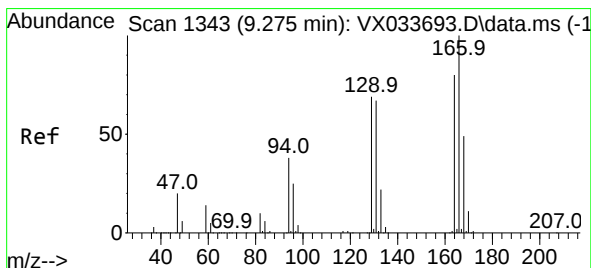
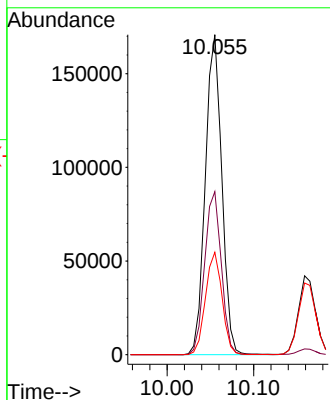
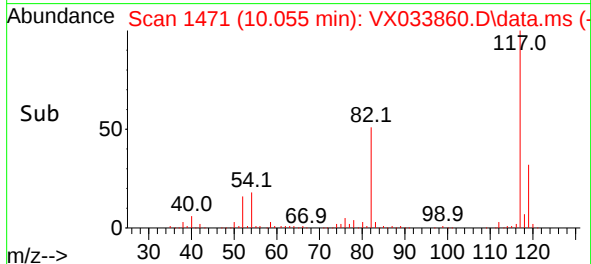
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 225990
Ion Ratio Lower Upper
117 100
82 50.9 40.6 60.8
119 32.0 25.6 38.4

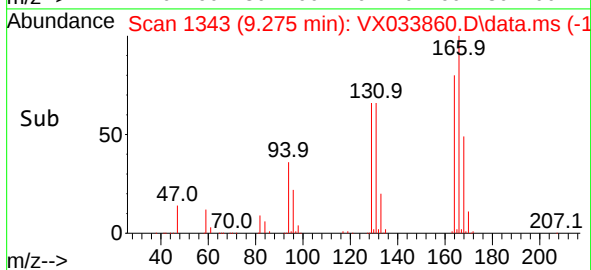
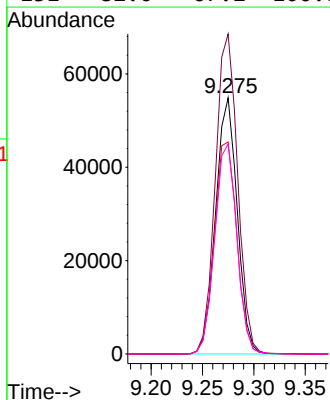
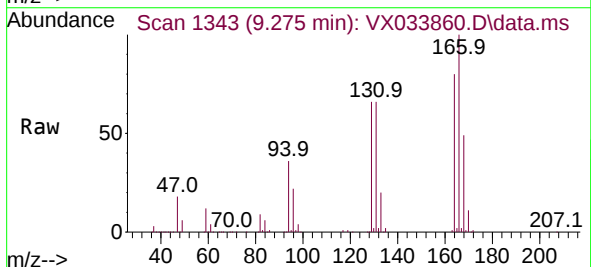
Manual Integrations
APPROVED

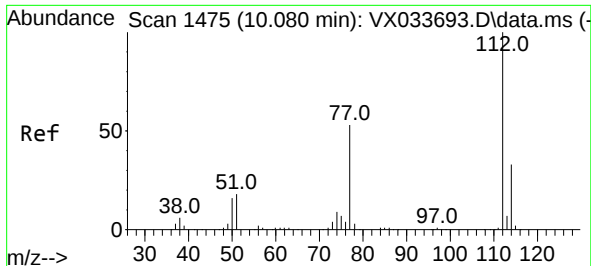
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023



#64
Tetrachloroethene
Concen: 50.275 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX033860.D
Acq: 23 Jan 2023 19:25

Tgt Ion:164 Resp: 79979
Ion Ratio Lower Upper
164 100
166 124.9 100.2 150.2
129 82.8 69.2 103.8
131 82.0 67.2 100.8





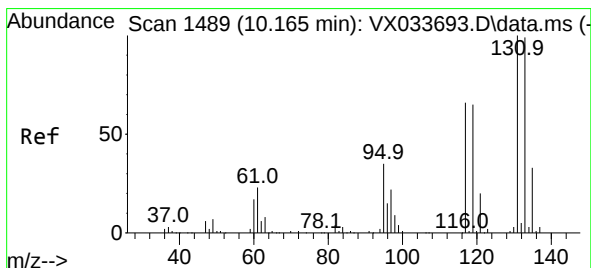
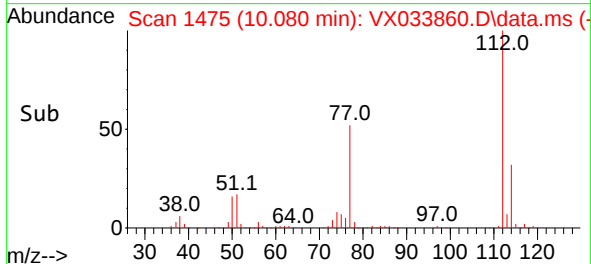
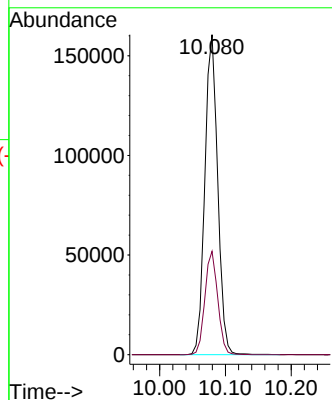
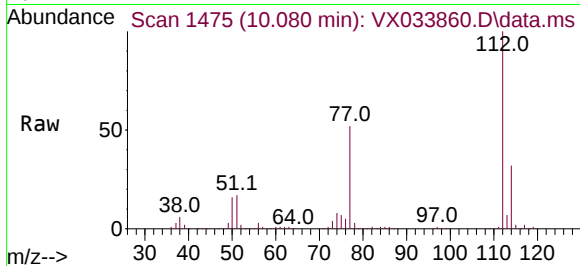
#65
Chlorobenzene
Concen: 46.625 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033860.D
Acq: 23 Jan 2023 19:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 218129
Ion Ratio Lower Upper
112 100
114 32.3 26.2 39.4

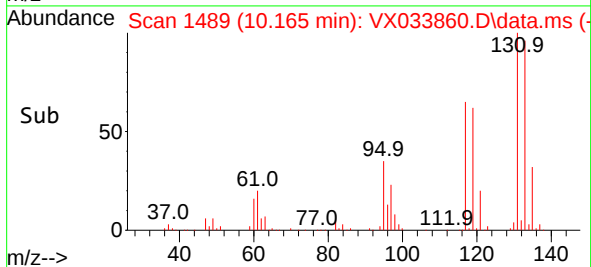
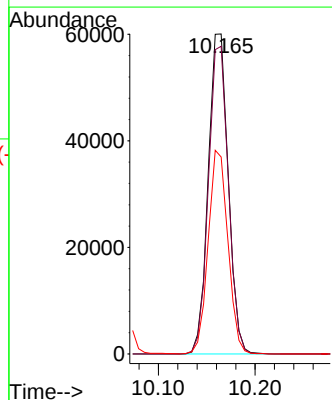
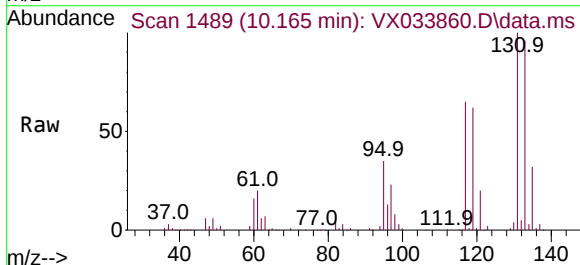
Manual Integrations
APPROVED

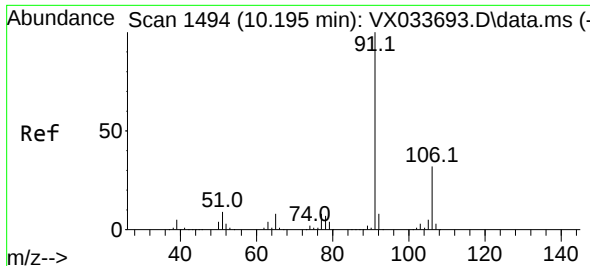
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 50.145 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX033860.D
Acq: 23 Jan 2023 19:25

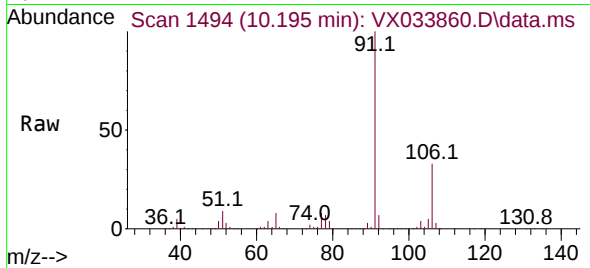
Tgt Ion:131 Resp: 86337
Ion Ratio Lower Upper
131 100
133 95.7 48.4 145.0
119 62.7 31.9 95.7





#67
Ethyl Benzene
Concen: 46.420 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033860.D
Acq: 23 Jan 2023 19:25

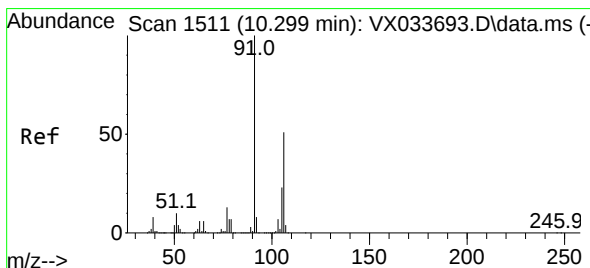
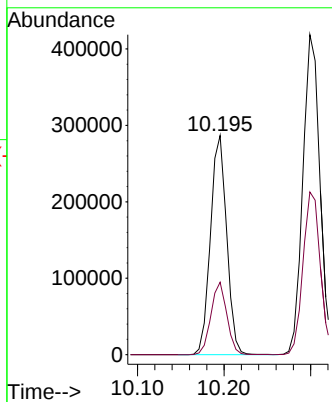
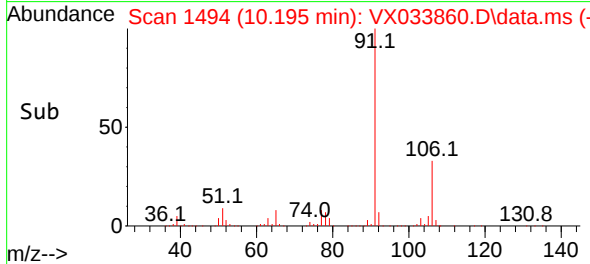
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



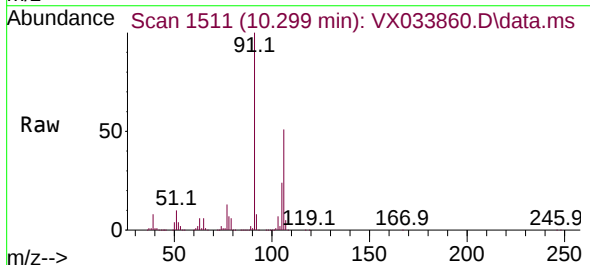
Tgt Ion: 91 Resp: 372875
Ion Ratio Lower Upper
91 100
106 33.1 25.8 38.8

Manual Integrations
APPROVED

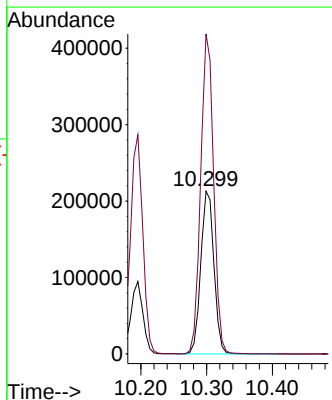
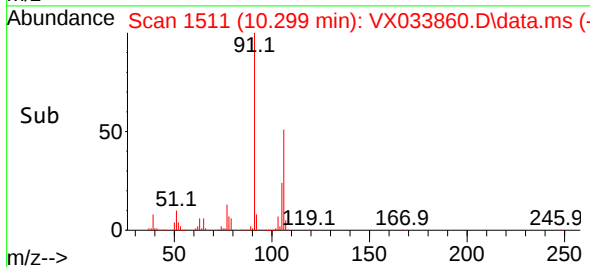
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023

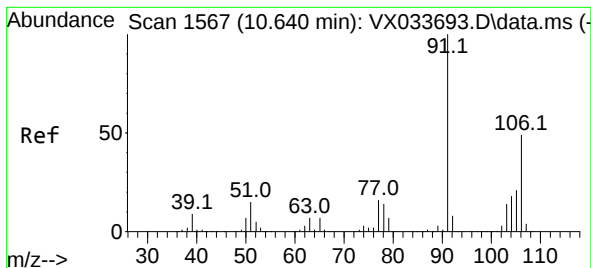


#68
m/p-Xylenes
Concen: 94.209 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX033860.D
Acq: 23 Jan 2023 19:25



Tgt Ion:106 Resp: 295991
Ion Ratio Lower Upper
106 100
91 193.7 156.4 234.6





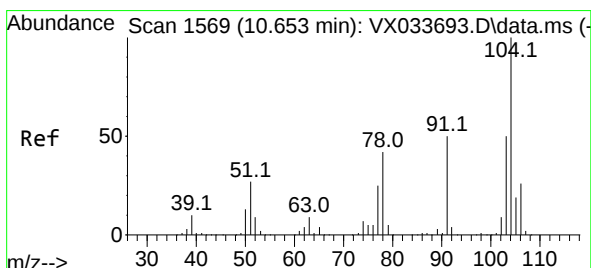
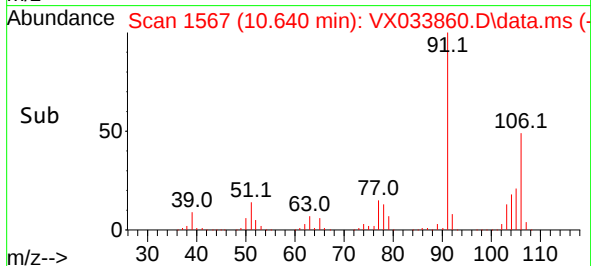
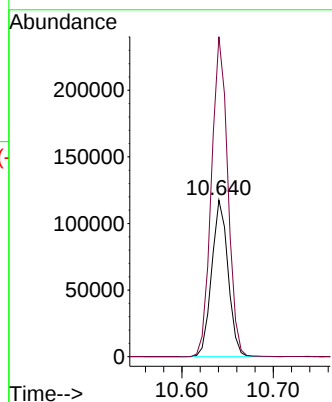
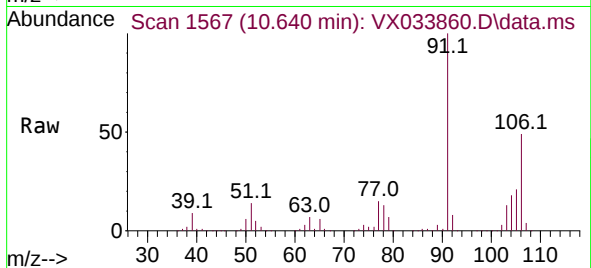
#69
o-Xylene
Concen: 46.852 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033860.D
Acq: 23 Jan 2023 19:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 14598
Ion Ratio Lower Upper
106 100
91 204.5 103.1 309.3

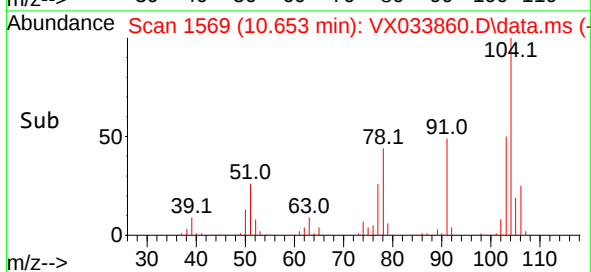
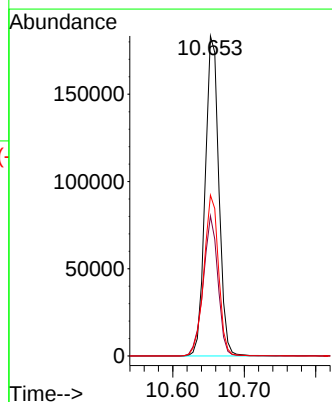
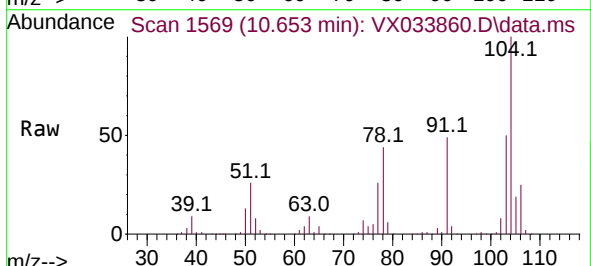
Manual Integrations
APPROVED

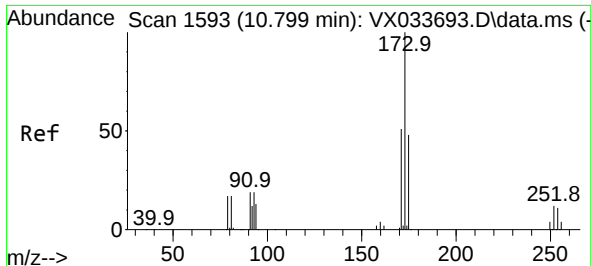
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023



#70
Styrene
Concen: 48.141 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX033860.D
Acq: 23 Jan 2023 19:25

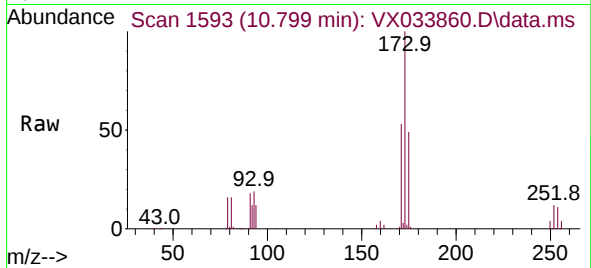
Tgt Ion:104 Resp: 243944
Ion Ratio Lower Upper
104 100
78 46.8 37.5 56.3
103 53.9 43.3 64.9





#71
Bromoform
Concen: 52.979 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX033860.D
Acq: 23 Jan 2023 19:25

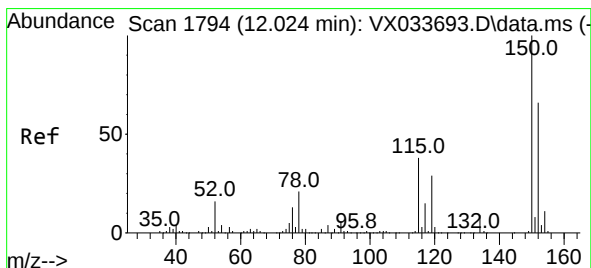
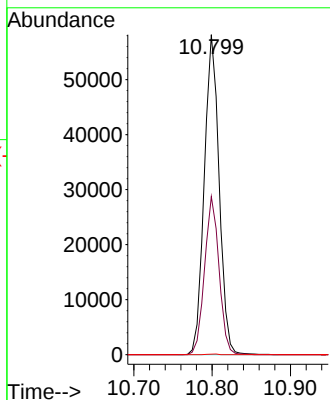
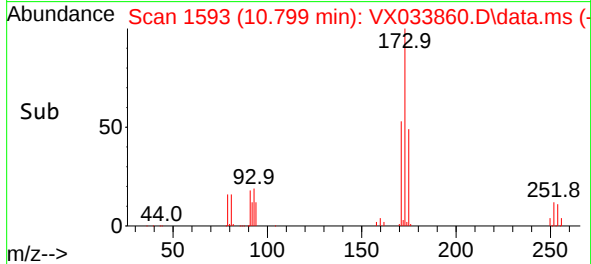
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 76430
Ion Ratio Lower Upper
173 100
175 48.1 24.1 72.3
254 0.1 0.1 0.1

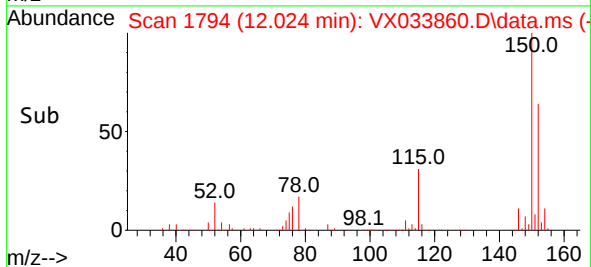
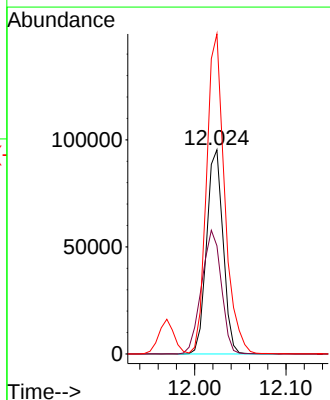
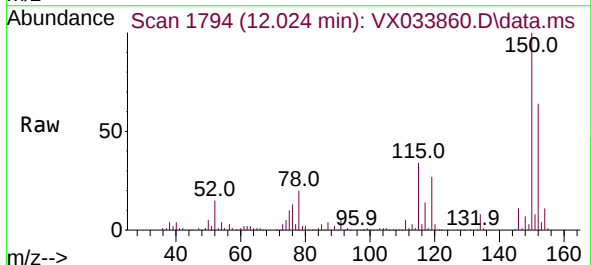
Manual Integrations
APPROVED

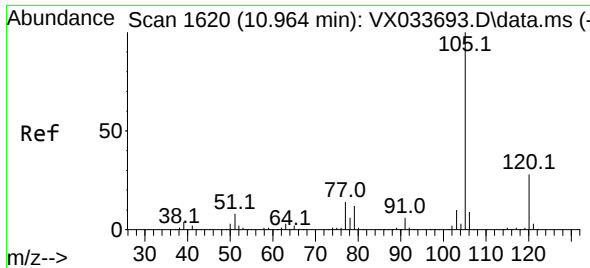
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033860.D
Acq: 23 Jan 2023 19:25

Tgt Ion:152 Resp: 118883
Ion Ratio Lower Upper
152 100
115 72.8 38.7 116.1
150 172.1 0.0 348.2





#73
Isopropylbenzene
Concen: 47.896 ug/l
RT: 10.964 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX033860.D
Acq: 23 Jan 2023 19:25

Instrument :

MSVOA_X

ClientSampleId :

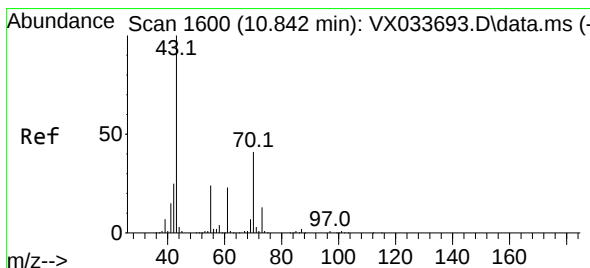
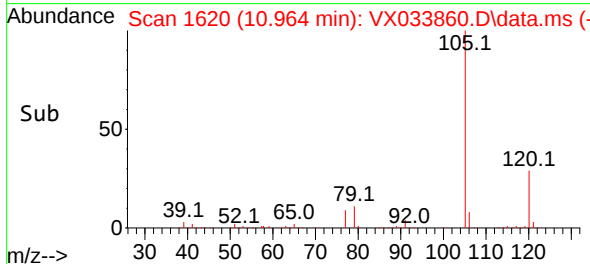
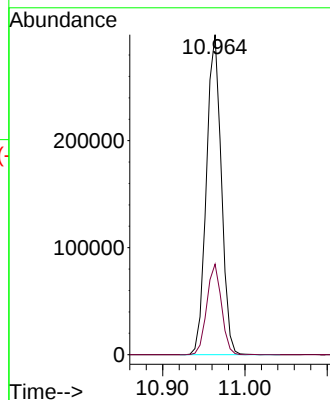
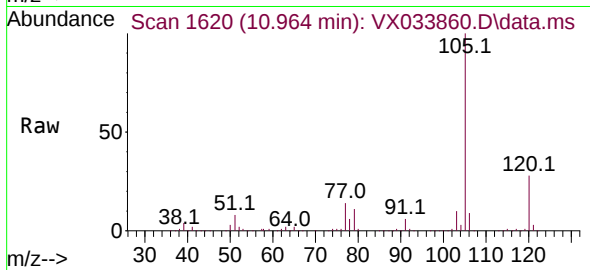
VSTDCCC050EC

Tgt Ion:105 Resp: 375514
Ion Ratio Lower Upper
105 100
120 27.9 13.6 40.8

Manual Integrations

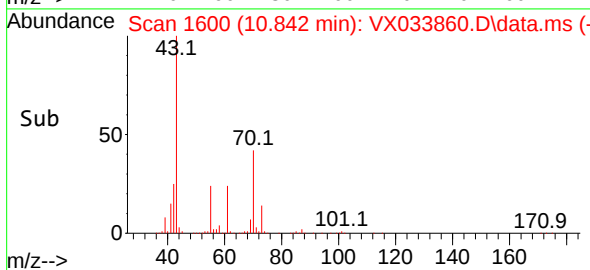
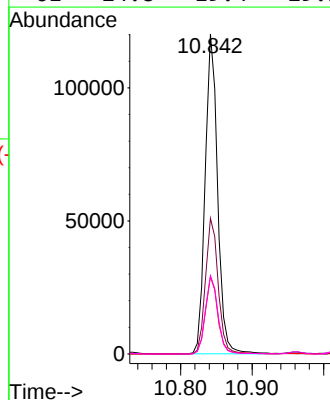
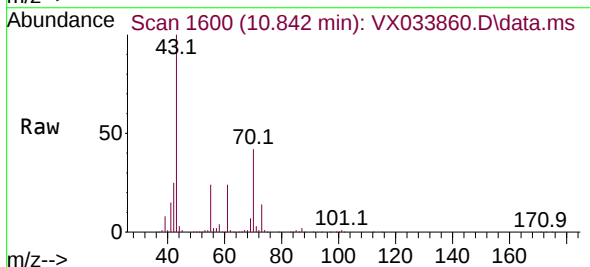
APPROVED

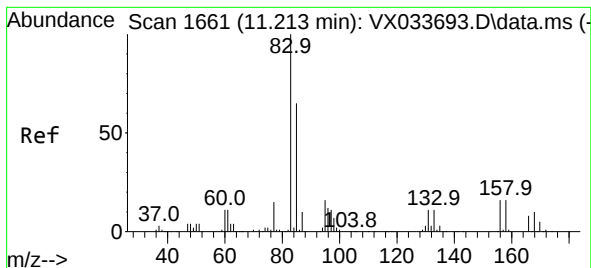
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023



#74
N-ethyl acetate
Concen: 46.559 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX033860.D
Acq: 23 Jan 2023 19:25

Tgt Ion: 43 Resp: 145348
Ion Ratio Lower Upper
43 100
70 43.6 34.8 52.2
55 24.4 19.4 29.0
61 24.8 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 50.105 ug/l

RT: 11.214 min Scan# 1661

Delta R.T. 0.001 min

Lab File: VX033860.D

Acq: 23 Jan 2023 19:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 11458

Ion Ratio Lower Upper

83 100

131 11.6 5.5 16.7

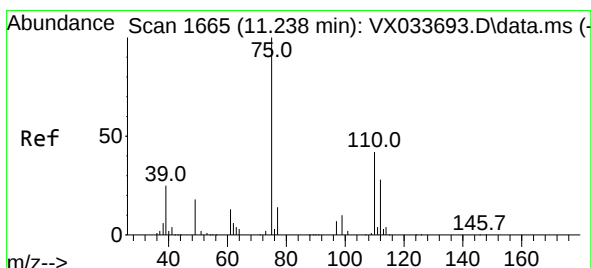
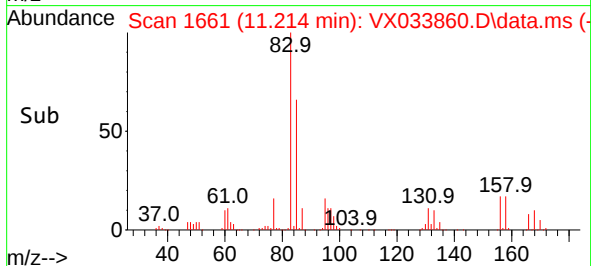
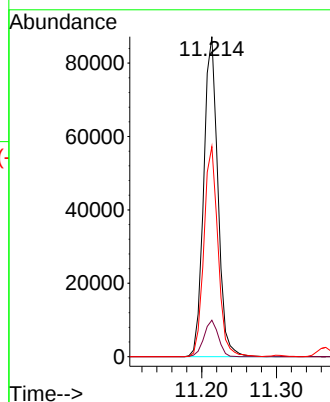
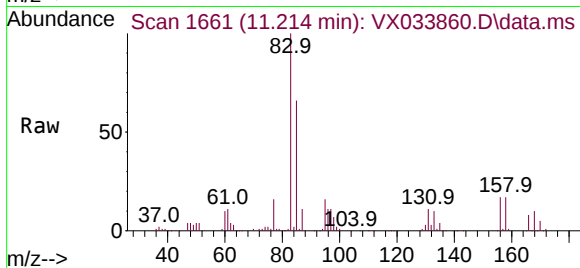
85 65.4 32.3 96.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2023

Supervised By :Mahesh Dadoda 01/27/2023



#76

1,2,3-Trichloropropane

Concen: 48.240 ug/l m

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX033860.D

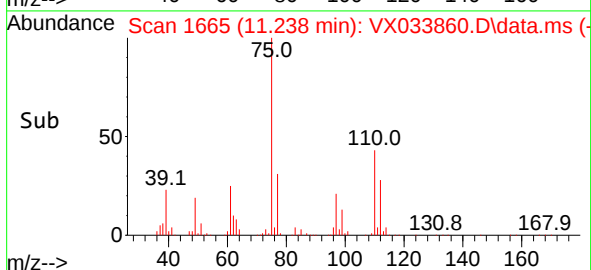
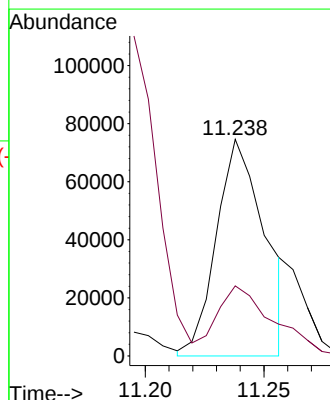
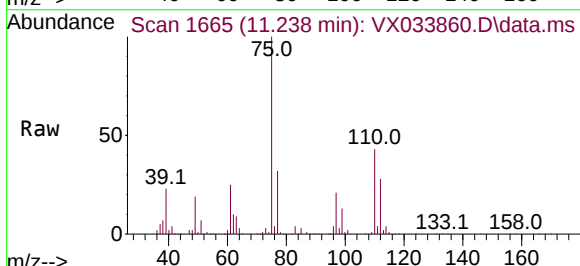
Acq: 23 Jan 2023 19:25

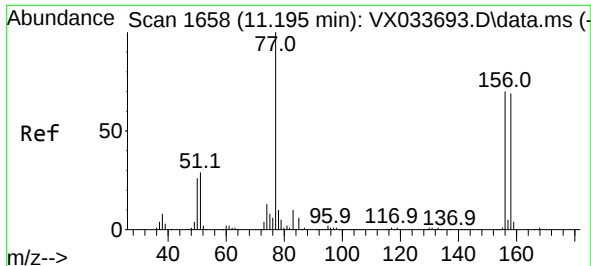
Tgt Ion: 75 Resp: 105371

Ion Ratio Lower Upper

75 100

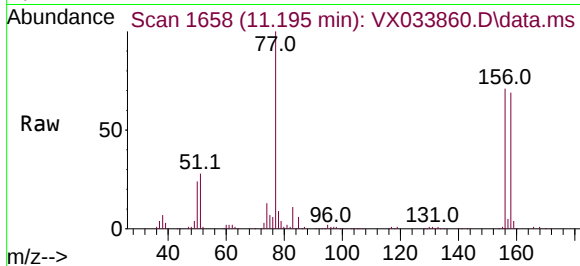
77 38.2 21.8 65.4





#77
Bromobenzene
Concen: 48.418 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX033860.D
Acq: 23 Jan 2023 19:25

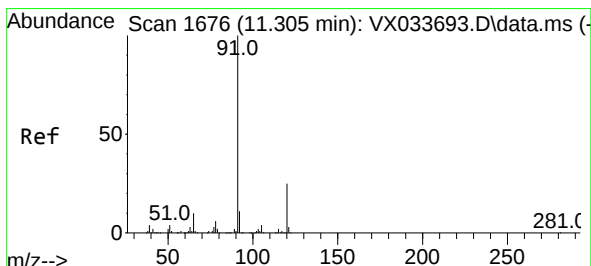
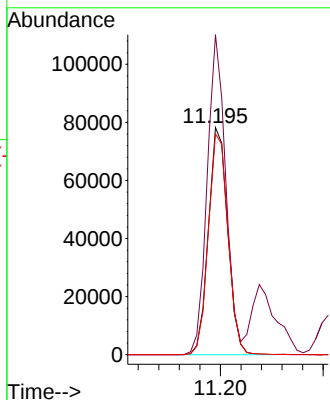
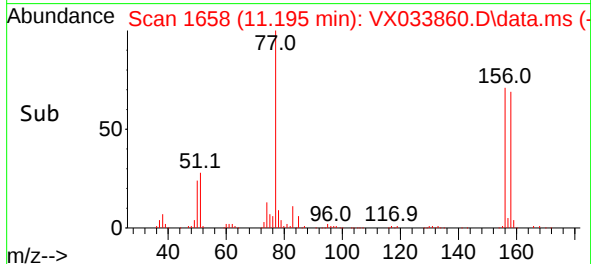
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



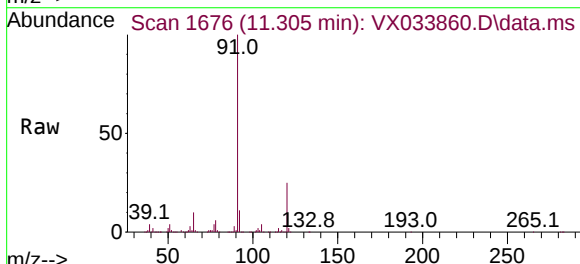
Tgt Ion:156 Resp: 102350
Ion Ratio Lower Upper
156 100
77 134.3 68.1 204.3
158 98.3 48.0 144.2

Manual Integrations
APPROVED

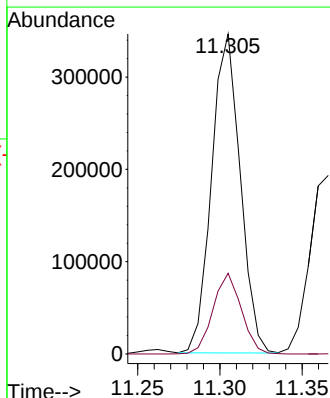
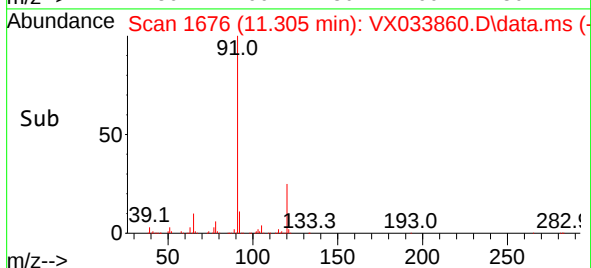
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023

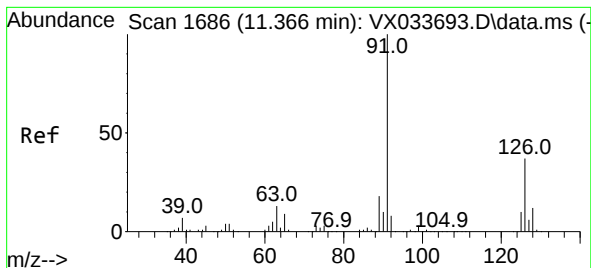


#78
n-propylbenzene
Concen: 43.218 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX033860.D
Acq: 23 Jan 2023 19:25



Tgt Ion: 91 Resp: 419255
Ion Ratio Lower Upper
91 100
120 24.9 12.3 36.8





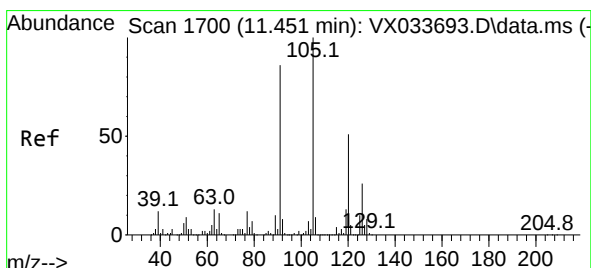
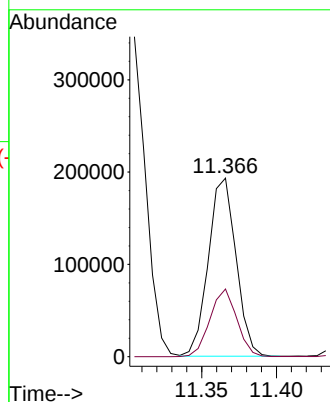
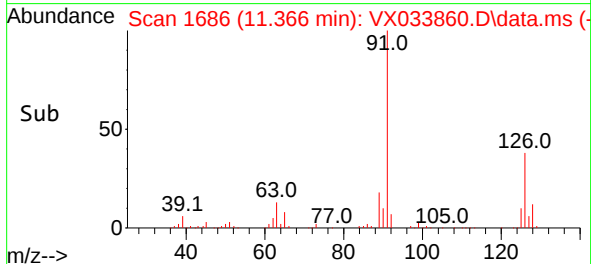
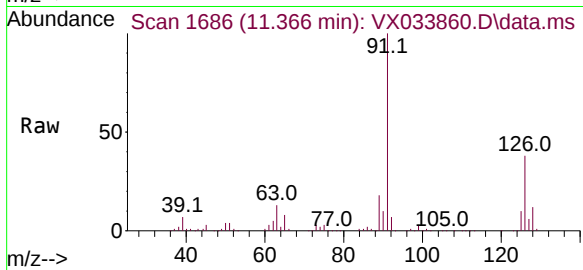
#79
2-Chlorotoluene
Concen: 47.213 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX033860.D
Acq: 23 Jan 2023 19:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 248297
Ion Ratio Lower Upper
91 100
126 37.0 18.1 54.1

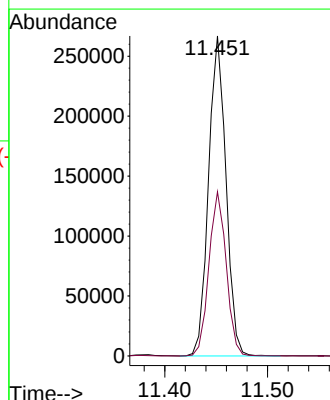
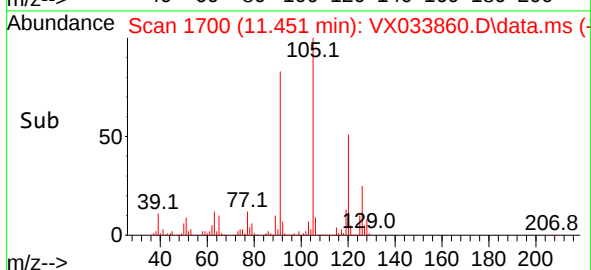
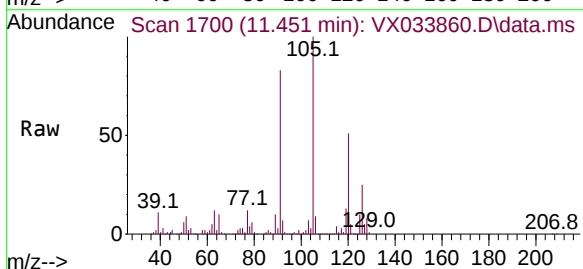
Manual Integrations
APPROVED

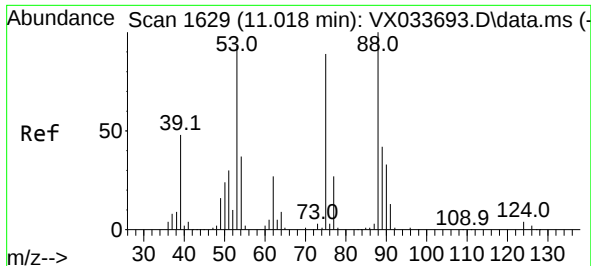
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023



#80
1,3,5-Trimethylbenzene
Concen: 43.868 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033860.D
Acq: 23 Jan 2023 19:25

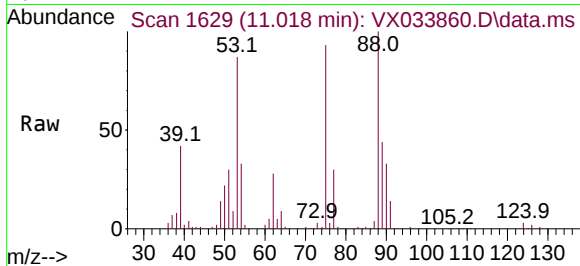
Tgt Ion:105 Resp: 313811
Ion Ratio Lower Upper
105 100
120 51.0 25.6 76.8





#81
trans-1,4-Dichloro-2-butene
Concen: 49.742 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX033860.D
Acq: 23 Jan 2023 19:25

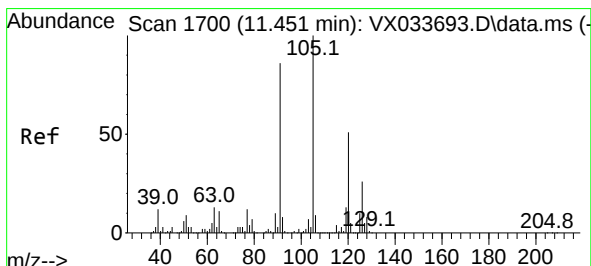
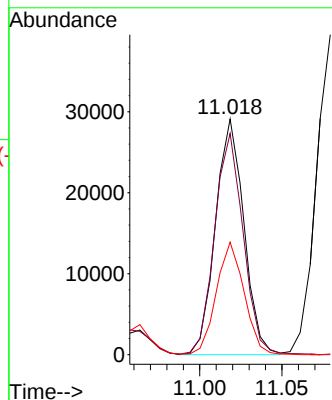
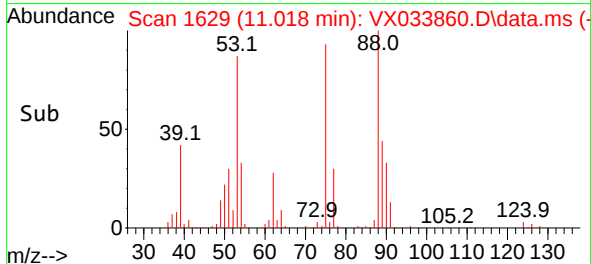
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 34960
Ion Ratio Lower Upper
75 100
53 94.4 83.0 124.6
89 46.8 37.7 56.5

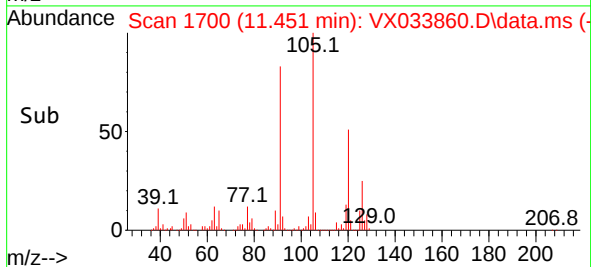
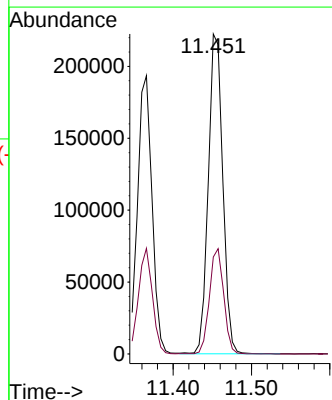
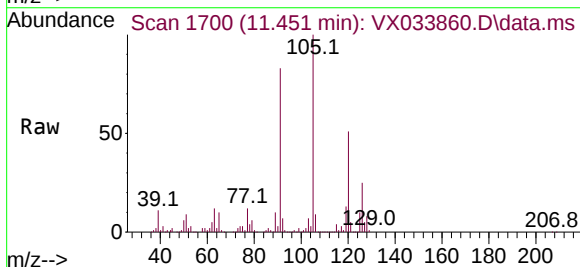
Manual Integrations
APPROVED

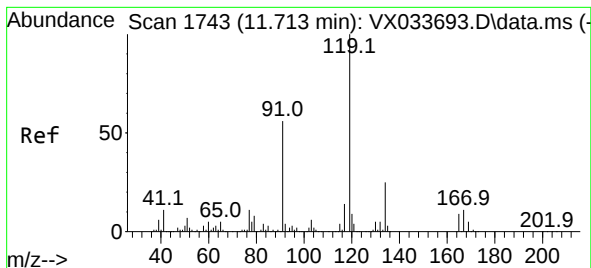
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023



#82
4-Chlorotoluene
Concen: 47.305 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033860.D
Acq: 23 Jan 2023 19:25

Tgt Ion: 91 Resp: 284699
Ion Ratio Lower Upper
91 100
126 32.5 15.8 47.4





#83

tert-Butylbenzene

Concen: 45.521 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX033860.D

Acq: 23 Jan 2023 19:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

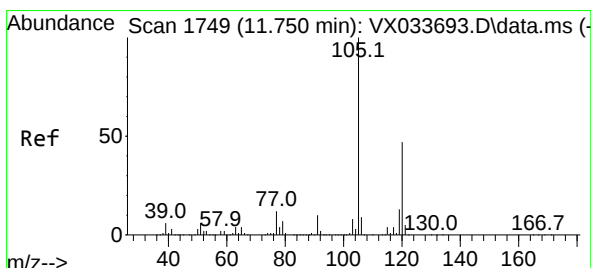
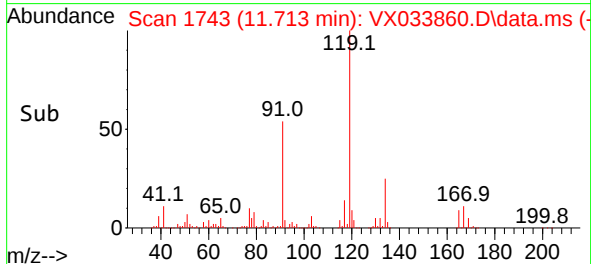
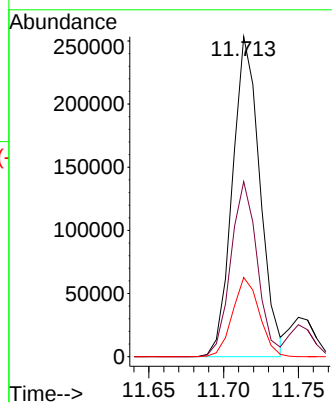
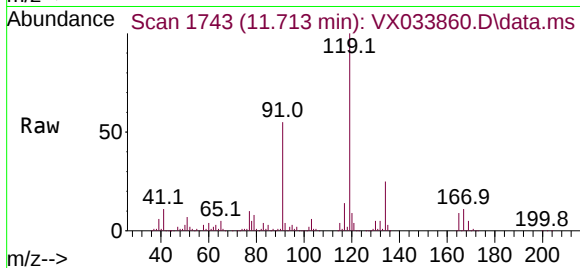
Tgt Ion:	119	Resp:	323329
Ion Ratio	Lower	Upper	
119	100		
91	52.9	26.9	80.7
134	24.2	12.3	36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2023

Supervised By :Mahesh Dadoda 01/27/2023



#84

1,2,4-Trimethylbenzene

Concen: 46.460 ug/l

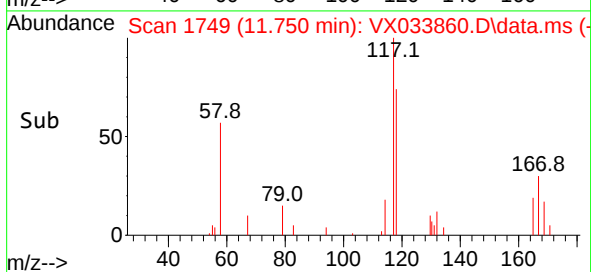
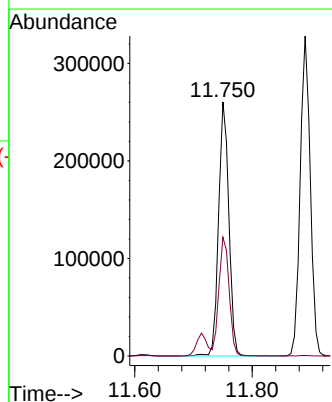
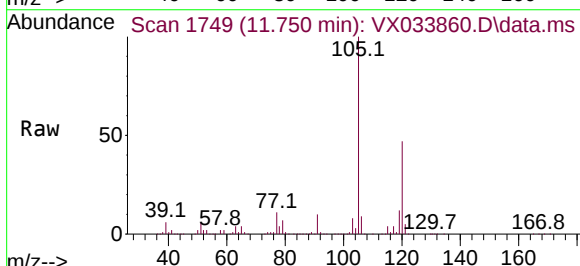
RT: 11.750 min Scan# 1749

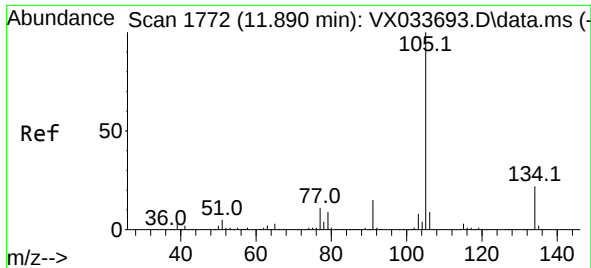
Delta R.T. 0.000 min

Lab File: VX033860.D

Acq: 23 Jan 2023 19:25

Tgt Ion:	105	Resp:	314386
Ion Ratio	Lower	Upper	
105	100		
120	46.8	23.4	70.2





#85
 sec-Butylbenzene
 Concen: 45.903 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033860.D
 Acq: 23 Jan 2023 19:25

Instrument :

MSVOA_X

ClientSampleId :

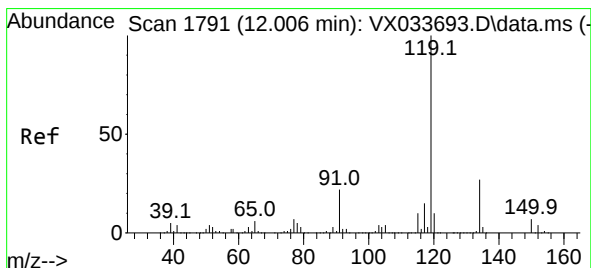
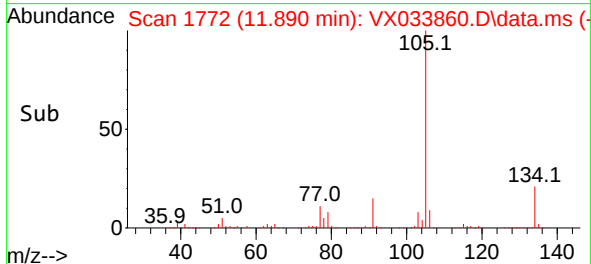
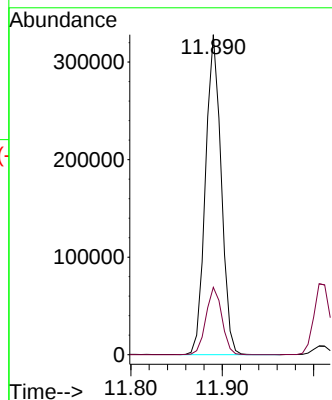
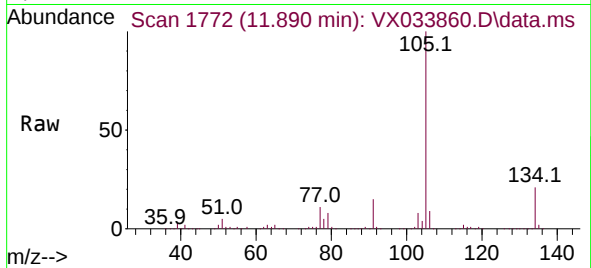
VSTDCCC050EC

Tgt Ion:105 Resp: 389974
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.8 32.3

Manual Integrations

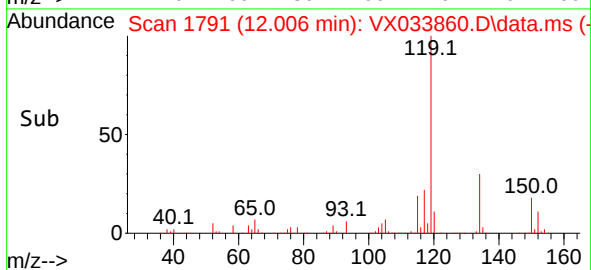
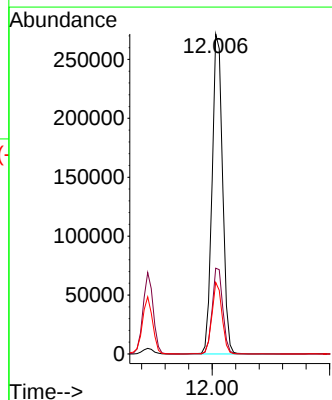
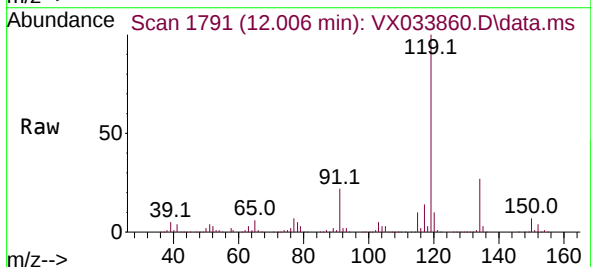
APPROVED

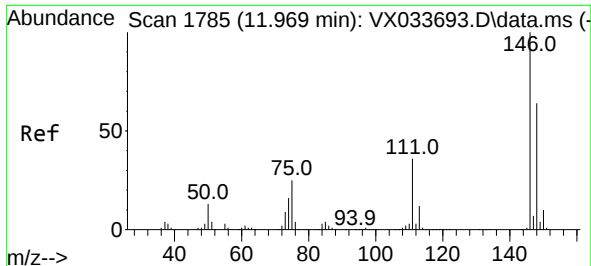
Reviewed By :John Carlone 01/24/2023
 Supervised By :Mahesh Dadoda 01/27/2023



#86
 p-Isopropyltoluene
 Concen: 46.381 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX033860.D
 Acq: 23 Jan 2023 19:25

Tgt Ion:119 Resp: 337351
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.6 40.8
 91 21.6 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 45.947 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX033860.D

Acq: 23 Jan 2023 19:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 184569

Ion Ratio Lower Upper

146 100

111 36.6 18.6 55.6

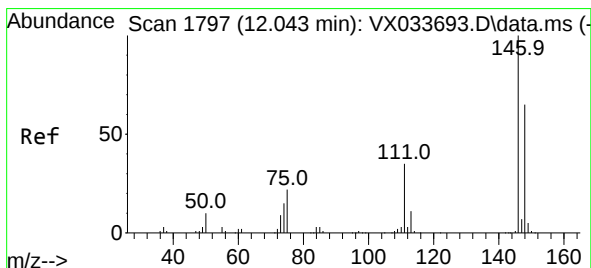
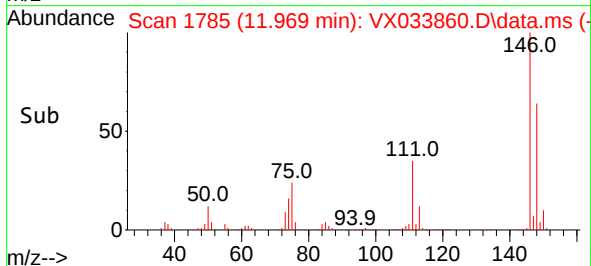
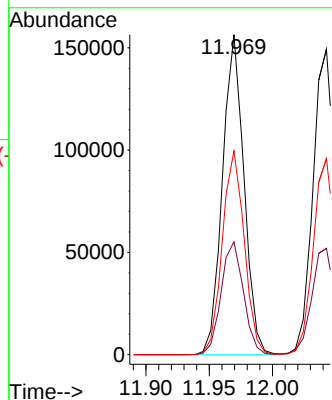
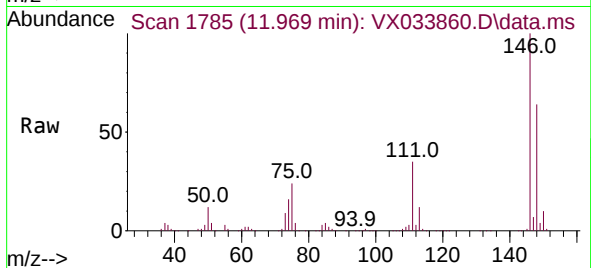
148 65.1 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2023

Supervised By :Mahesh Dadoda 01/27/2023



#88

1,4-Dichlorobenzene

Concen: 45.475 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX033860.D

Acq: 23 Jan 2023 19:25

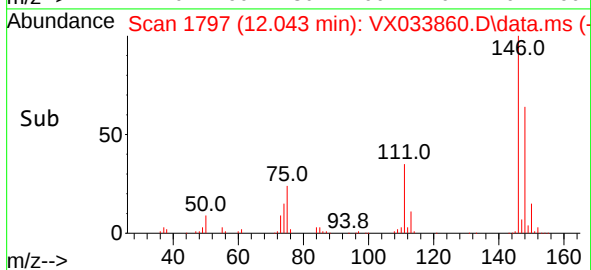
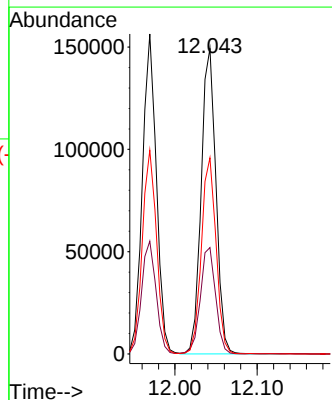
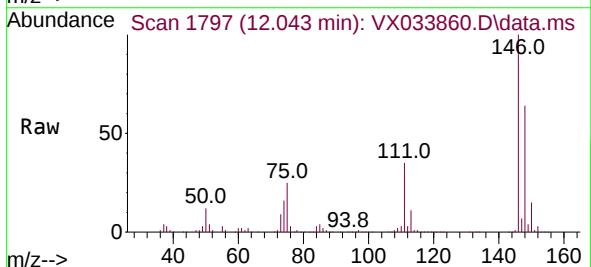
Tgt Ion:146 Resp: 186085

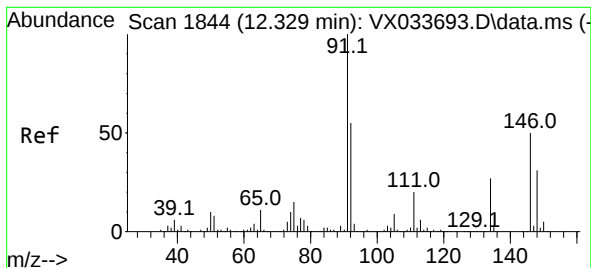
Ion Ratio Lower Upper

146 100

111 36.1 17.8 53.4

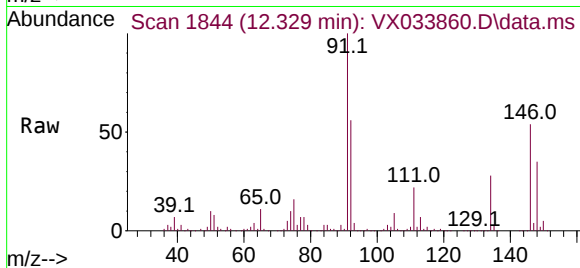
148 64.0 32.1 96.3





#89
n-Butylbenzene
Concen: 44.817 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX033860.D
Acq: 23 Jan 2023 19:25

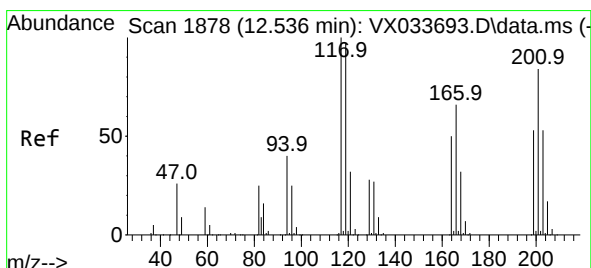
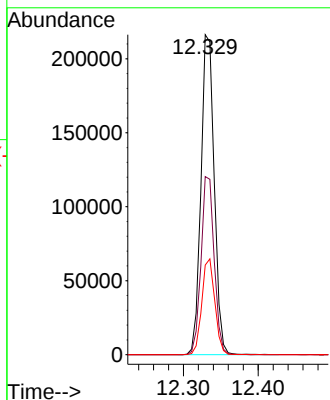
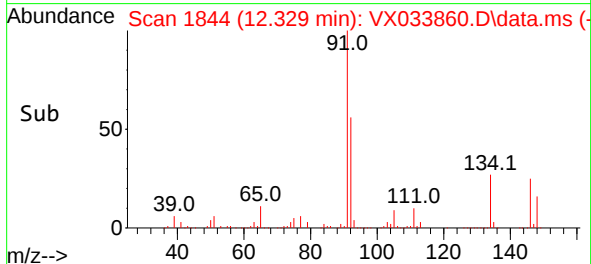
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 26667
Ion Ratio Lower Upper
91 100
92 55.3 27.5 82.5
134 29.4 14.3 42.9

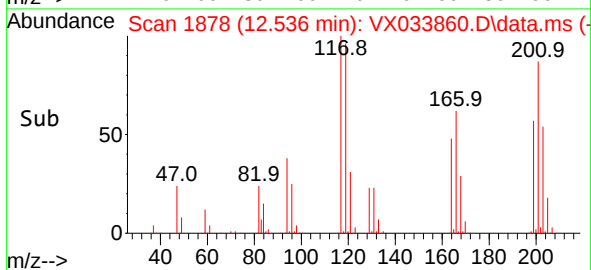
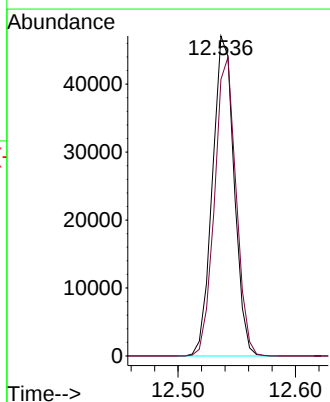
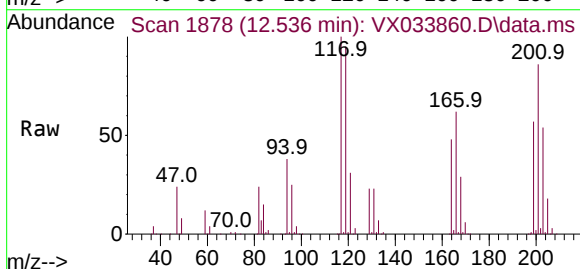
Manual Integrations
APPROVED

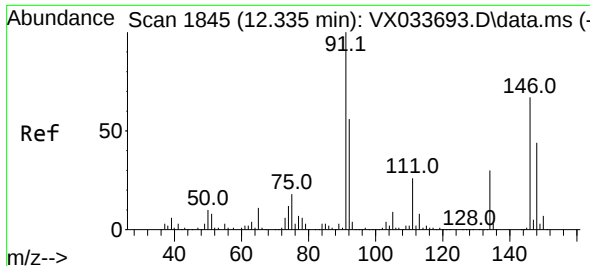
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023



#90
Hexachloroethane
Concen: 50.515 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX033860.D
Acq: 23 Jan 2023 19:25

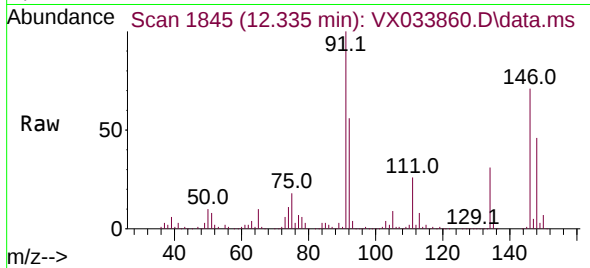
Tgt Ion:117 Resp: 60439
Ion Ratio Lower Upper
117 100
201 92.2 45.1 135.3





#91
1,2-Dichlorobenzene
Concen: 47.073 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033860.D
Acq: 23 Jan 2023 19:25

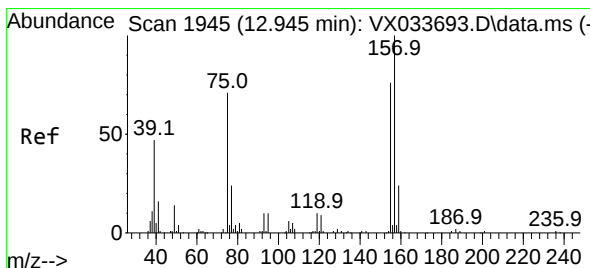
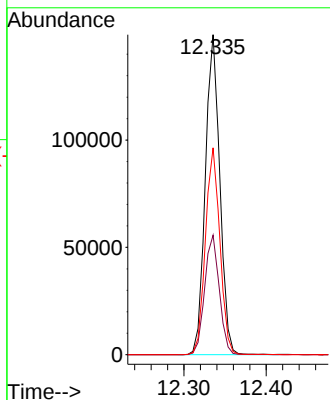
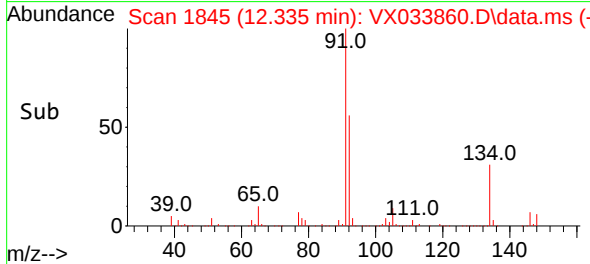
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



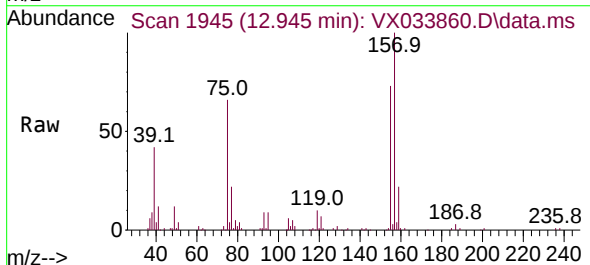
Tgt Ion:146 Resp: 182468
Ion Ratio Lower Upper
146 100
111 37.8 19.3 57.8
148 64.6 32.3 96.9

Manual Integrations
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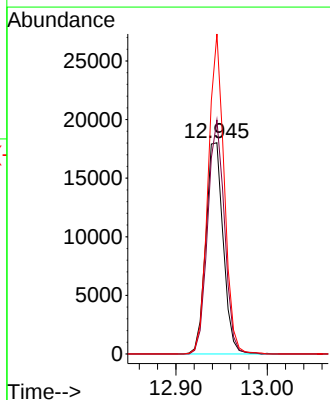
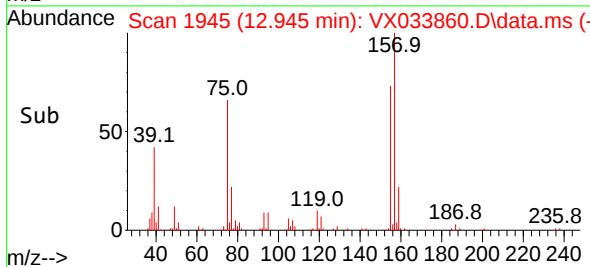
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023

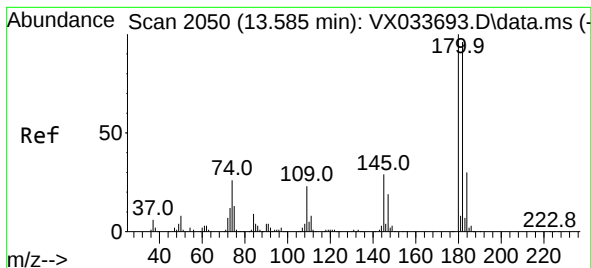


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.930 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX033860.D
Acq: 23 Jan 2023 19:25



Tgt Ion: 75 Resp: 23737
Ion Ratio Lower Upper
75 100
155 106.8 51.7 155.1
157 139.5 67.5 202.3





#93

1,2,4-Trichlorobenzene

Concen: 48.768 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX033860.D

Acq: 23 Jan 2023 19:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 12733

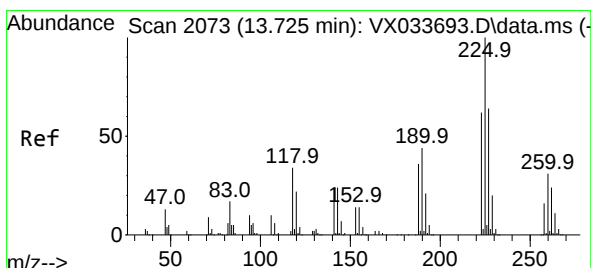
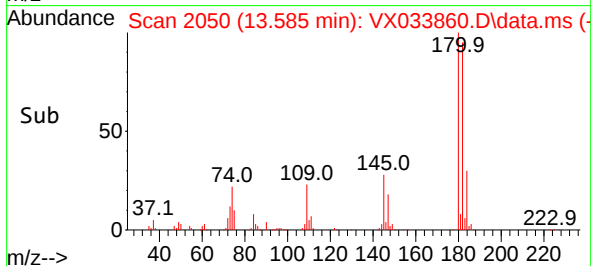
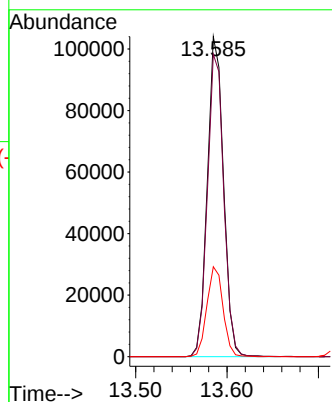
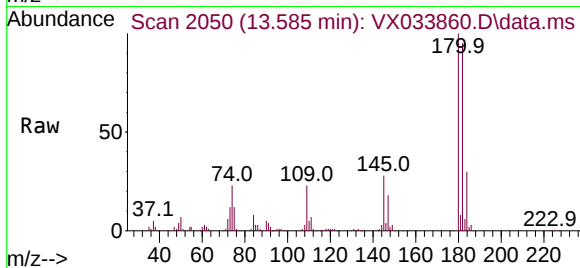
Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.9	143.6
145	28.2	14.1	42.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2023

Supervised By :Mahesh Dadoda 01/27/2023



#94

Hexachlorobutadiene

Concen: 45.405 ug/l

RT: 13.725 min Scan# 2073

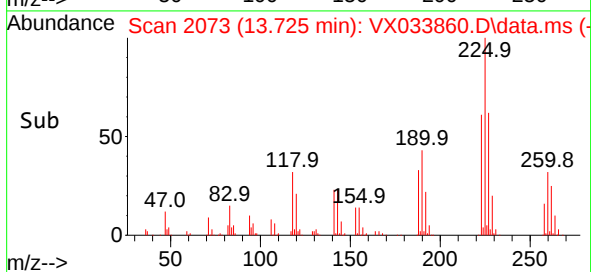
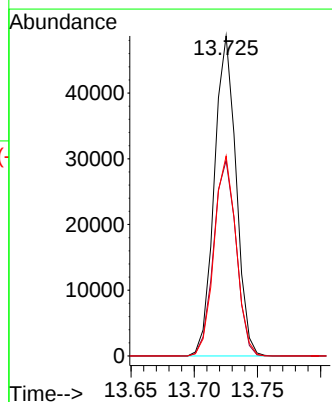
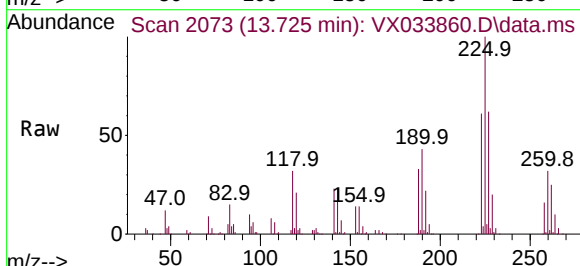
Delta R.T. 0.000 min

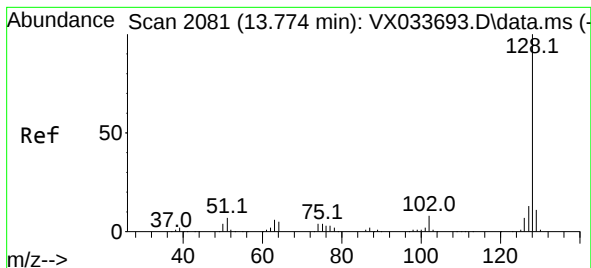
Lab File: VX033860.D

Acq: 23 Jan 2023 19:25

Tgt Ion:225 Resp: 58073

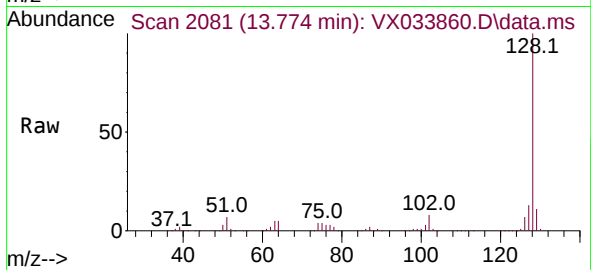
Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.3	93.9
227	63.1	32.3	96.9





#95
Naphthalene
Concen: 49.537 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX033860.D
Acq: 23 Jan 2023 19:25

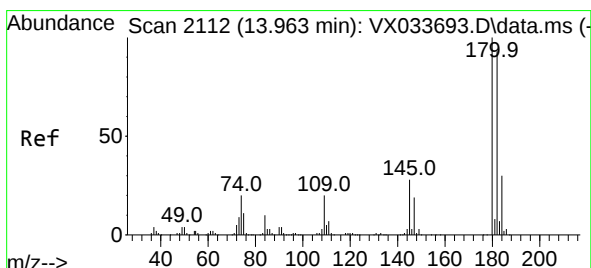
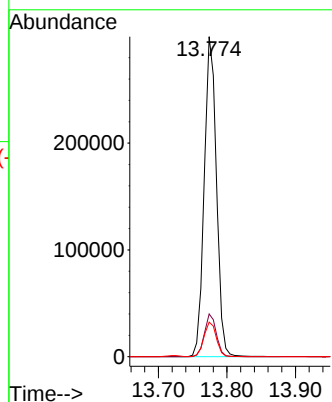
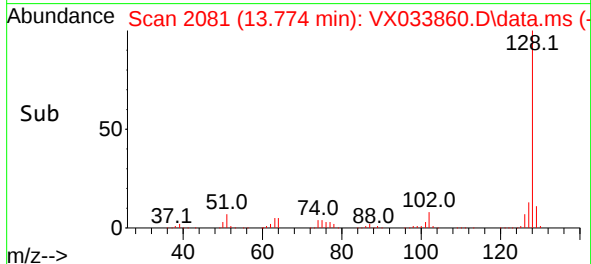
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



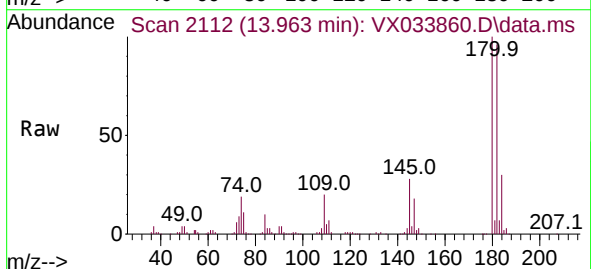
Tgt Ion:128 Resp: 372114
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/27/2023



#96
1,2,3-Trichlorobenzene
Concen: 48.015 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX033860.D
Acq: 23 Jan 2023 19:25



Tgt Ion:180 Resp: 125447
Ion Ratio Lower Upper
180 100
182 96.0 47.6 142.9
145 29.4 15.1 45.3

