

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012423\
 Data File : VX033862.D
 Acq On : 24 Jan 2023 11:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/25/2023
 Supervised By : Mahesh Dadoda 01/26/2023

Quant Time: Jan 25 03:13:02 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

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	171607	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	240656	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	217315	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	115563	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	81943	45.351	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 90.700%			
35) Dibromofluoromethane	5.379	113	76200	50.992	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.980%			
50) Toluene-d8	8.647	98	274779	50.467	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.940%			
62) 4-Bromofluorobenzene	11.079	95	101731	50.324	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.640%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	64003	47.195	ug/l	99
3) Chloromethane	1.294	50	73240	48.894	ug/l	98
4) Vinyl Chloride	1.374	62	74297	51.108	ug/l	100
5) Bromomethane	1.618	94	46200	55.312	ug/l	100
6) Chloroethane	1.691	64	37133	41.316	ug/l	100
7) Trichlorofluoromethane	1.886	101	113349	48.080	ug/l	98
8) Diethyl Ether	2.130	74	44948	58.229	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	72585	53.376	ug/l	93
10) Methyl Iodide	2.453	142	98463	51.656	ug/l	93
11) Tert butyl alcohol	2.995	59	60217m	191.843	ug/l	
12) 1,1-Dichloroethene	2.319	96	68701	49.201	ug/l	91
13) Acrolein	2.233	56	105872	365.566	ug/l	100
14) Allyl chloride	2.666	41	122635	46.565	ug/l	89
15) Acrylonitrile	3.062	53	191305	231.581	ug/l	99
16) Acetone	2.386	43	175497	268.163	ug/l	92
17) Carbon Disulfide	2.514	76	167211	47.416	ug/l	100
18) Methyl Acetate	2.703	43	116878	46.350	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	241888	49.877	ug/l	100
20) Methylene Chloride	2.788	84	77682	49.416	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	75183	46.058	ug/l	96
22) Diisopropyl ether	3.751	45	246603	46.539	ug/l	96
23) Vinyl Acetate	3.715	43	944256	236.718	ug/l	98
24) 1,1-Dichloroethane	3.605	63	133901	46.188	ug/l	100
25) 2-Butanone	4.556	43	259437	219.754	ug/l	97
26) 2,2-Dichloropropane	4.471	77	102306	49.266	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	90055	47.986	ug/l	96
28) Bromochloromethane	4.891	49	57472	43.521	ug/l	93
29) Tetrahydrofuran	5.001	42	164687	221.331	ug/l	98
30) Chloroform	5.086	83	138740	46.725	ug/l	99
31) Cyclohexane	5.471	56	119090	44.791	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	120707	47.614	ug/l	98
36) 1,1-Dichloropropene	5.684	75	101809	46.681	ug/l	99
37) Ethyl Acetate	4.702	43	102462	49.191	ug/l	99
38) Carbon Tetrachloride	5.672	117	110226	48.798	ug/l	98
39) Methylcyclohexane	7.379	83	128575	47.739	ug/l	99
40) Benzene	6.031	78	305075	47.991	ug/l	99

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	59618	49.606	ug/l	98
42) 1,2-Dichloroethane	6.080	62	104258	46.279	ug/l	98
43) Isopropyl Acetate	6.336	43	164327	47.728	ug/l	97
44) Trichloroethene	7.123	130	90638	50.988	ug/l	99
45) 1,2-Dichloropropane	7.427	63	79152	49.705	ug/l	95
46) Dibromomethane	7.574	93	54284	48.804	ug/l	96
47) Bromodichloromethane	7.818	83	109193	50.939	ug/l	98
48) Methyl methacrylate	7.690	41	83774	48.302	ug/l	96
49) 1,4-Dioxane	7.714	88	29343	764.860	ug/l #	93
51) 4-Methyl-2-Pentanone	8.568	43	499830	236.381	ug/l	98
52) Toluene	8.714	92	198373	48.323	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	115892	54.061	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	128126	53.340	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	82191	50.580	ug/l	98
56) Ethyl methacrylate	9.116	69	120295	52.602	ug/l	97
57) 1,3-Dichloropropane	9.305	76	133124	50.523	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	268318	238.237	ug/l	98
59) 2-Hexanone	9.427	43	373101	253.511	ug/l	99
60) Dibromochloromethane	9.519	129	94237	55.938	ug/l	100
61) 1,2-Dibromoethane	9.610	107	85454	52.694	ug/l	98
64) Tetrachloroethene	9.269	164	82218	53.854	ug/l	97
65) Chlorobenzene	10.079	112	225210	50.060	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	87644	52.936	ug/l	99
67) Ethyl Benzene	10.189	91	382351	49.500	ug/l	100
68) m/p-Xylenes	10.299	106	306046	101.298	ug/l	99
69) o-Xylene	10.640	106	148318	49.502	ug/l	100
70) Styrene	10.653	104	251891	51.693	ug/l	99
71) Bromoform	10.799	173	76390	55.061	ug/l #	100
73) Isopropylbenzene	10.963	105	392616	51.716	ug/l	99
74) N-amyl acetate	10.842	43	142159	46.846	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	113688	51.216	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	93556m	44.062	ug/l	
77) Bromobenzene	11.195	156	105989	51.733	ug/l	98
78) n-propylbenzene	11.305	91	440440	46.707	ug/l	99
79) 2-Chlorotoluene	11.360	91	257707	50.625	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	327086	47.037	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	34785	50.915	ug/l	95
82) 4-Chlorotoluene	11.451	91	297956	51.173	ug/l	99
83) tert-Butylbenzene	11.713	119	337999	48.954	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	323564	49.190	ug/l	100
85) sec-Butylbenzene	11.890	105	409810	49.624	ug/l	99
86) p-Isopropyltoluene	12.006	119	357450	50.556	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	193373	49.522	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	195635	49.182	ug/l	100
89) n-Butylbenzene	12.329	91	293638	50.765	ug/l	99
90) Hexachloroethane	12.536	117	61384	52.779	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	188611	50.056	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	23340	49.494	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	138479	54.560	ug/l	99
94) Hexachlorobutadiene	13.725	225	66193	53.240	ug/l	99
95) Naphthalene	13.774	128	375590	51.436	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	135391	53.310	ug/l	98

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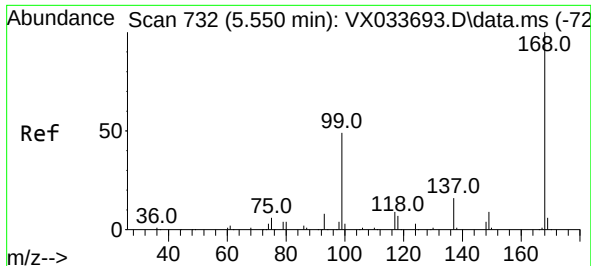
Manual Integrations
APPROVED

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Response via : Initial Calibration

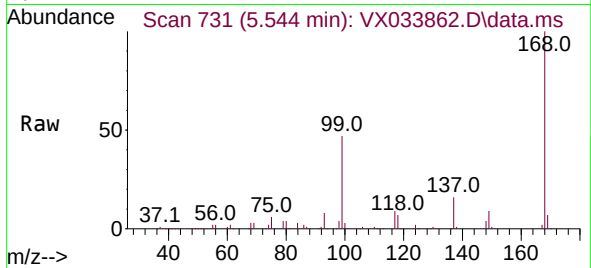
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
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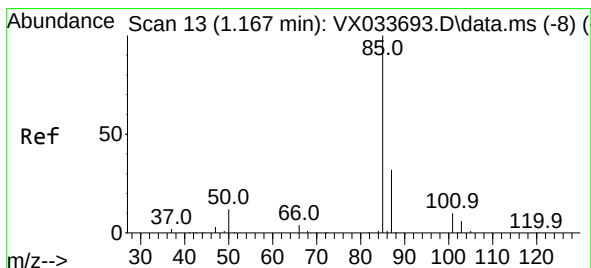
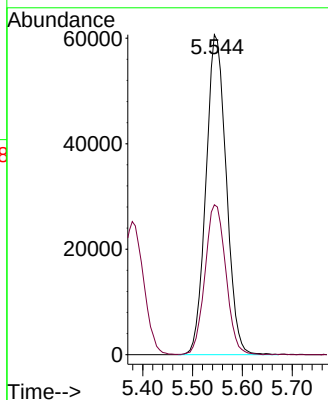
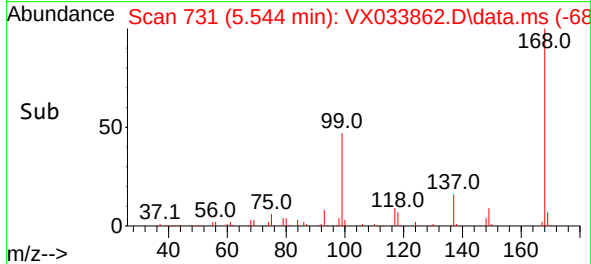
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 17160
Ion Ratio Lower Upper
168 100
99 46.8 39.6 59.4

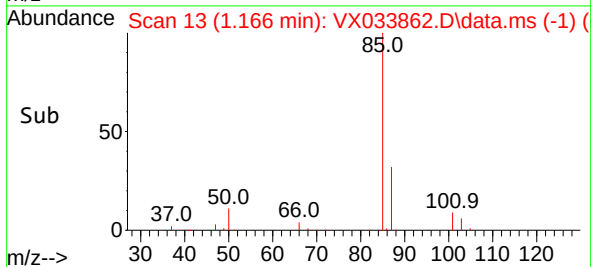
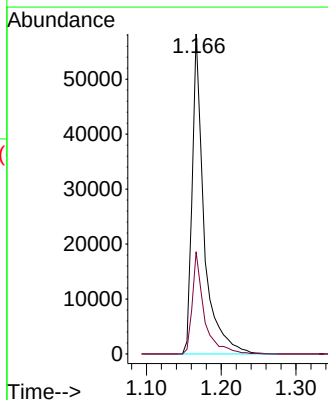
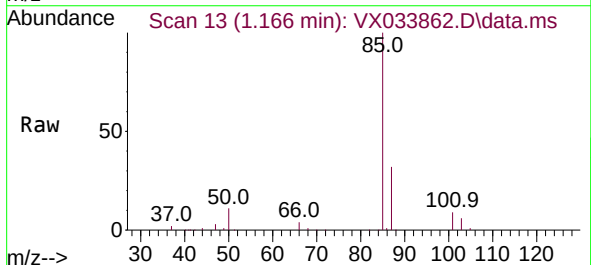
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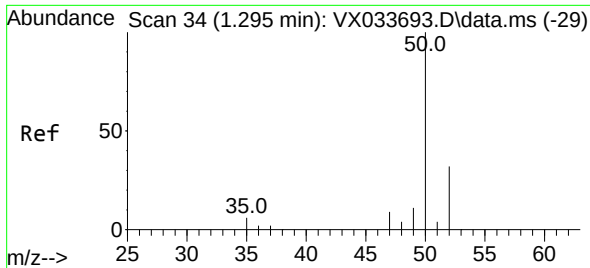
Reviewed By :John Carlone 01/25/2023
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#2
Dichlorodifluoromethane
Concen: 47.195 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX033862.D
Acq: 24 Jan 2023 11:12

Tgt Ion: 85 Resp: 64003
Ion Ratio Lower Upper
85 100
87 32.0 15.8 47.4





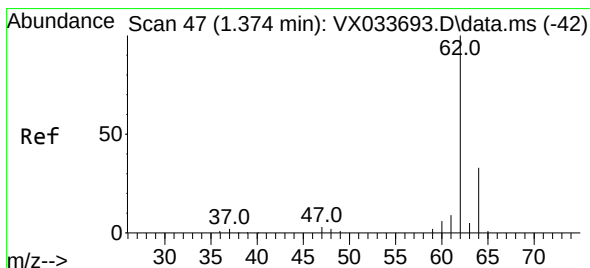
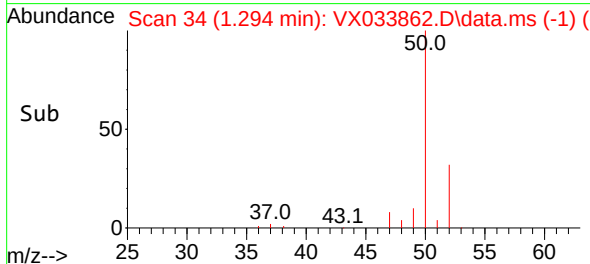
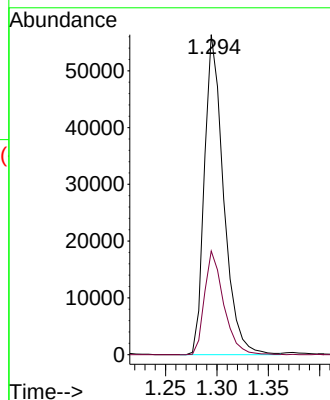
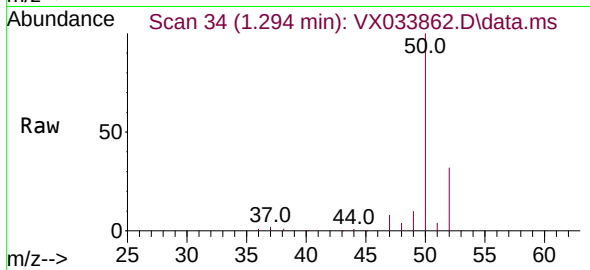
#3
Chloromethane
Concen: 48.894 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX033862.D
Acq: 24 Jan 2023 11:12

Instrument :
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Tgt Ion: 50 Resp: 73240
Ion Ratio Lower Upper
50 100
52 32.4 25.2 37.8

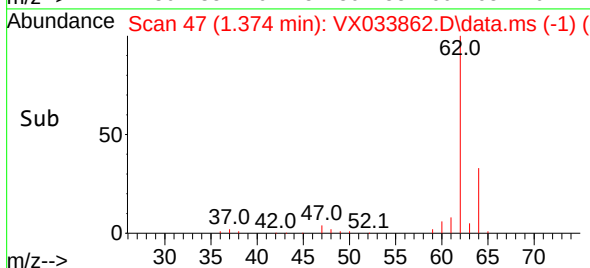
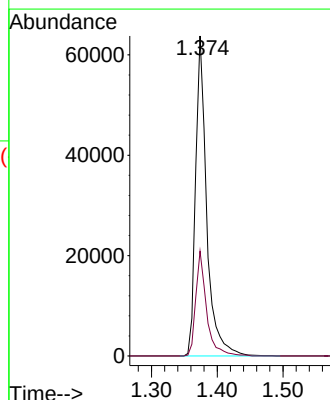
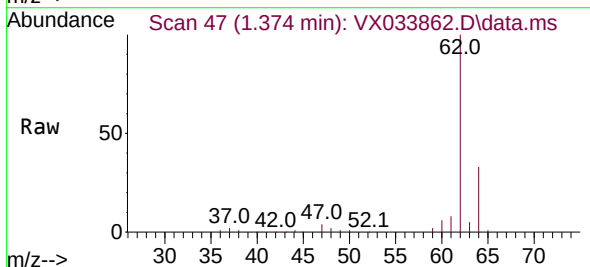
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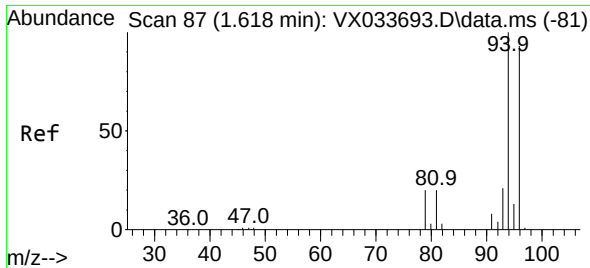
Reviewed By :John Carlone 01/25/2023
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#4
Vinyl Chloride
Concen: 51.108 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX033862.D
Acq: 24 Jan 2023 11:12

Tgt Ion: 62 Resp: 74297
Ion Ratio Lower Upper
62 100
64 32.8 26.2 39.4





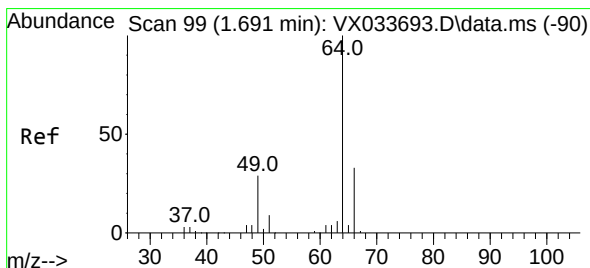
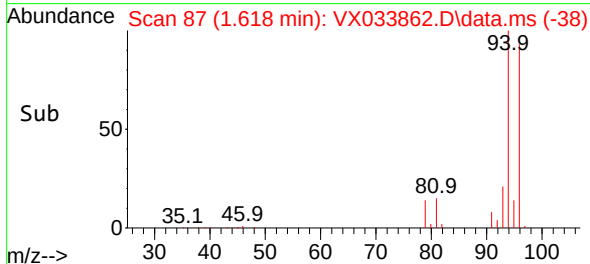
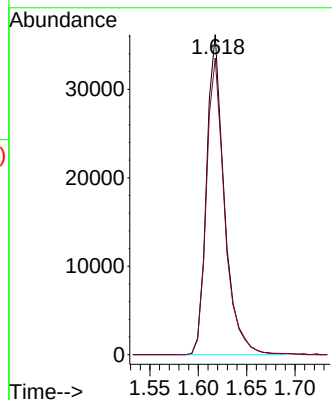
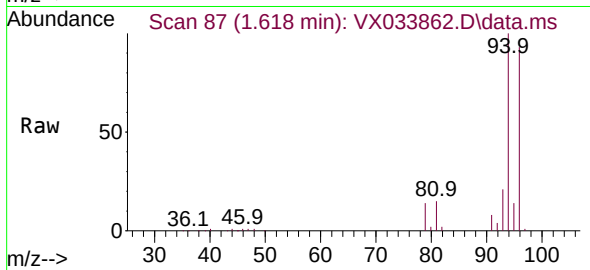
#5
Bromomethane
Concen: 55.312 ug/l
RT: 1.618 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX033862.D
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Instrument :
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Tgt Ion: 94 Resp: 46200
Ion Ratio Lower Upper
94 100
96 92.7 74.3 111.5

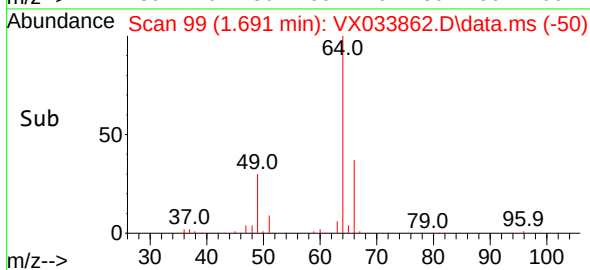
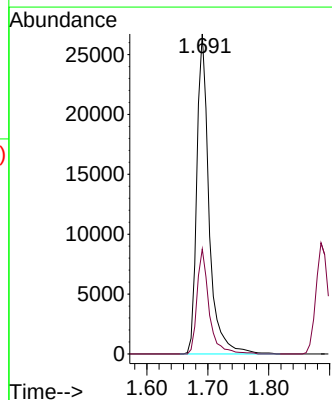
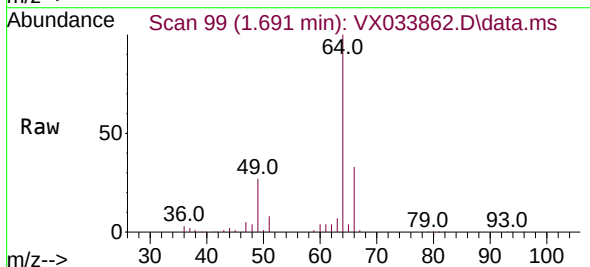
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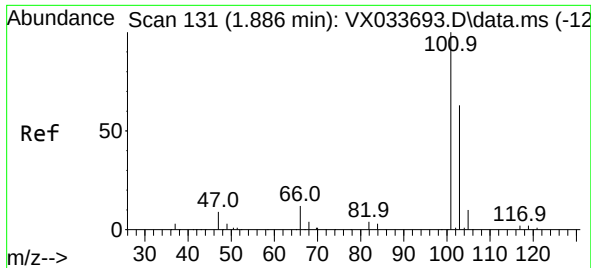
Reviewed By :John Carlone 01/25/2023
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#6
Chloroethane
Concen: 41.316 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX033862.D
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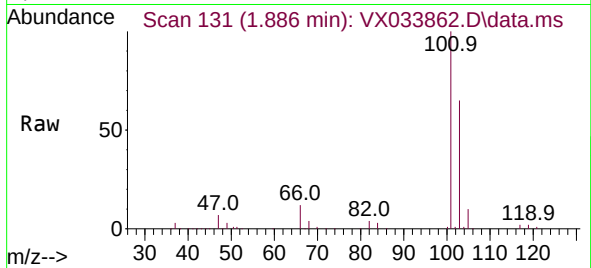
Tgt Ion: 64 Resp: 37133
Ion Ratio Lower Upper
64 100
66 32.8 26.1 39.1





#7
Trichlorofluoromethane
Concen: 48.080 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
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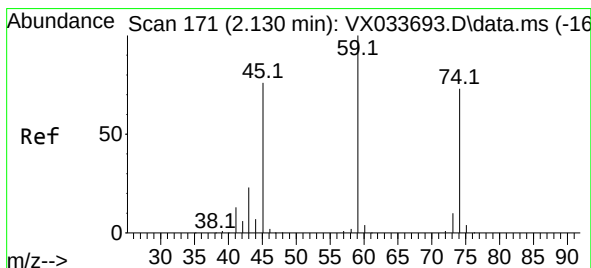
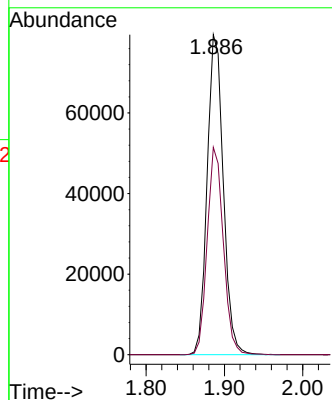
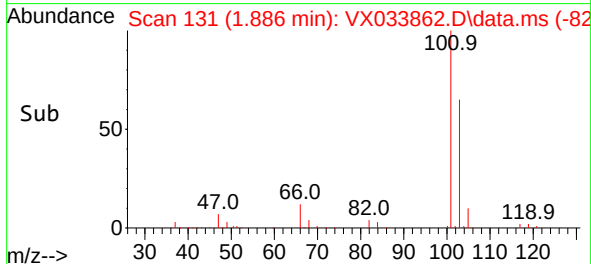
Instrument :
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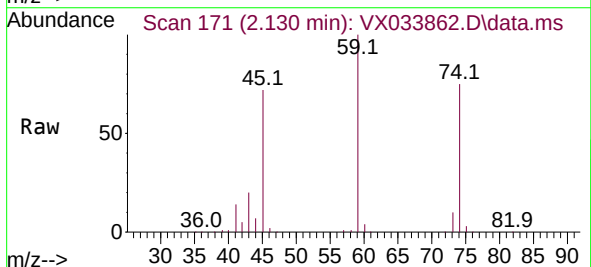
Tgt Ion:101 Resp: 113349
Ion Ratio Lower Upper
101 100
103 64.8 50.6 75.8

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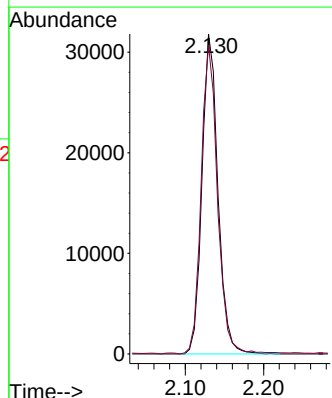
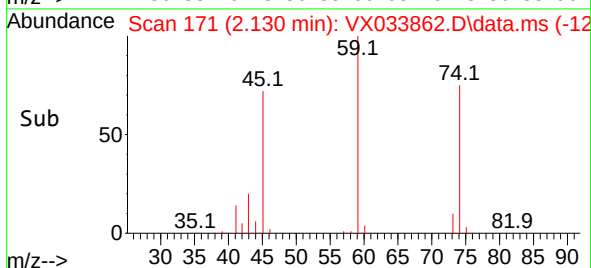
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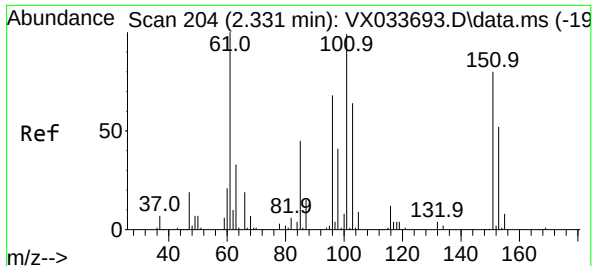


#8
Diethyl Ether
Concen: 58.229 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX033862.D
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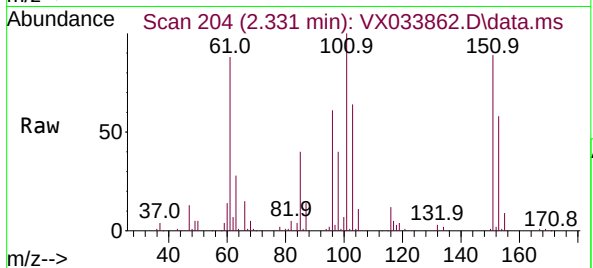
Tgt Ion: 74 Resp: 44948
Ion Ratio Lower Upper
74 100
45 99.6 51.5 154.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.376 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
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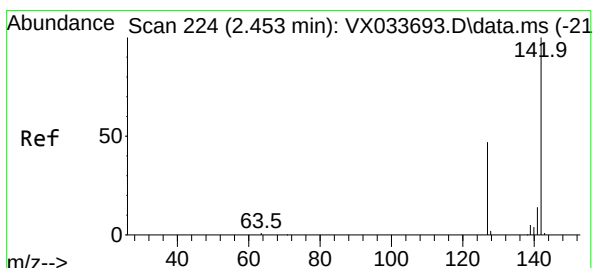
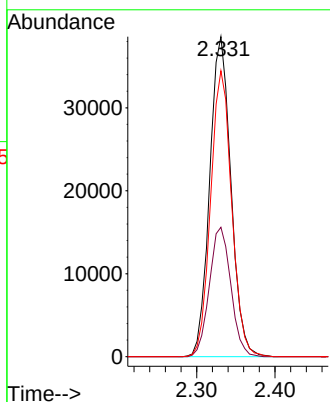
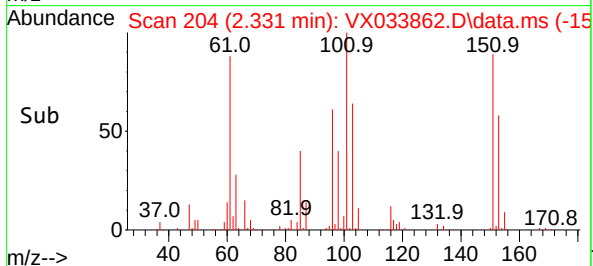
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ClientSampleId :
VSTDCCC050



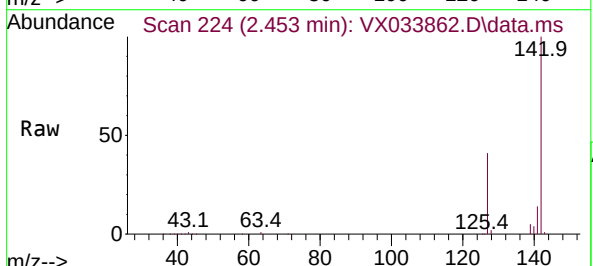
Tgt Ion:101 Resp: 7258
Ion Ratio Lower Upper
101 100
85 40.9 36.7 55.1
151 88.6 66.5 99.7

Manual Integrations
APPROVED

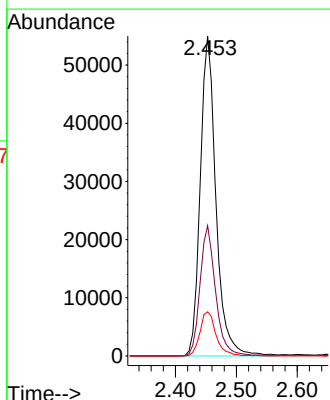
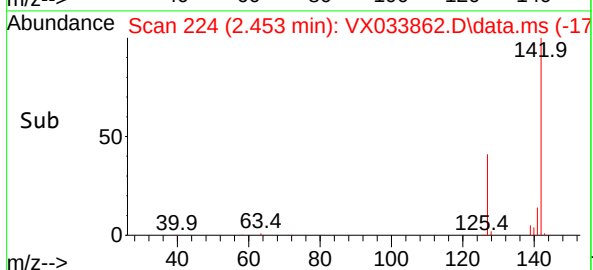
Reviewed By :John Carlone 01/25/2023
Supervised By :Mahesh Dadoda 01/26/2023

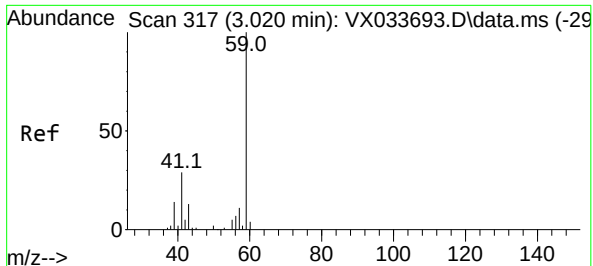


#10
Methyl Iodide
Concen: 51.656 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX033862.D
Acq: 24 Jan 2023 11:12



Tgt Ion:142 Resp: 98463
Ion Ratio Lower Upper
142 100
127 40.3 37.3 55.9
141 14.3 11.5 17.3





#11

Tert butyl alcohol

Concen: 191.843 ug/l m

RT: 2.995 min Scan# 317

Delta R.T. -0.024 min

Lab File: VX033862.D

Acq: 24 Jan 2023 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 6021

Ion Ratio Lower Upper

59 100

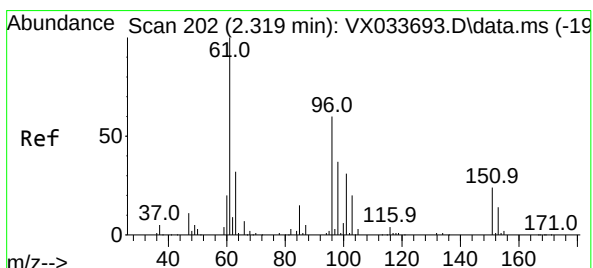
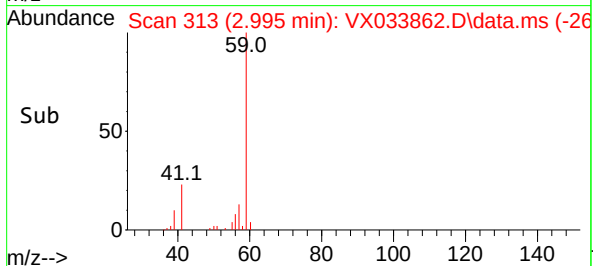
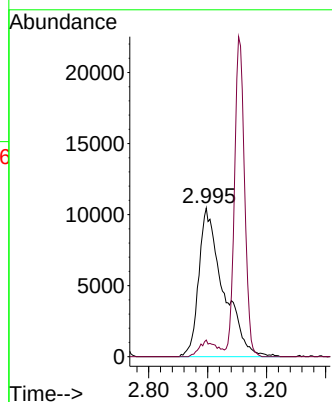
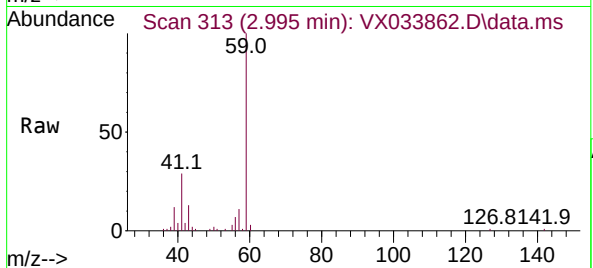
57 7.8 3.7 5.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2023

Supervised By :Mahesh Dadoda 01/26/2023



#12

1,1-Dichloroethene

Concen: 49.201 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX033862.D

Acq: 24 Jan 2023 11:12

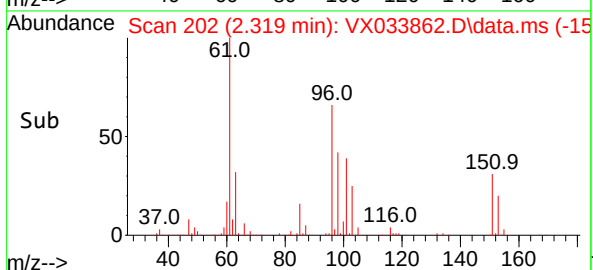
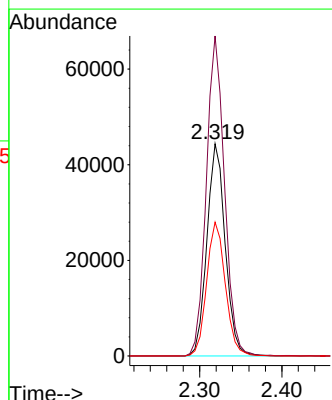
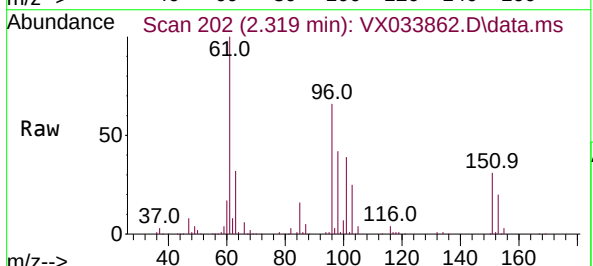
Tgt Ion: 96 Resp: 68701

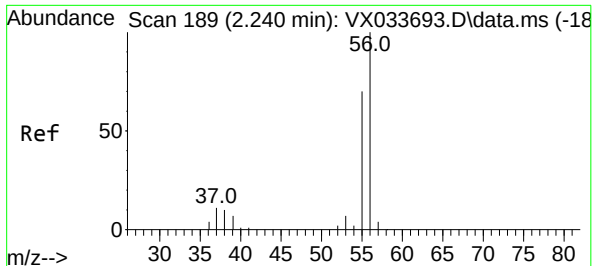
Ion Ratio Lower Upper

96 100

61 150.8 134.2 201.4

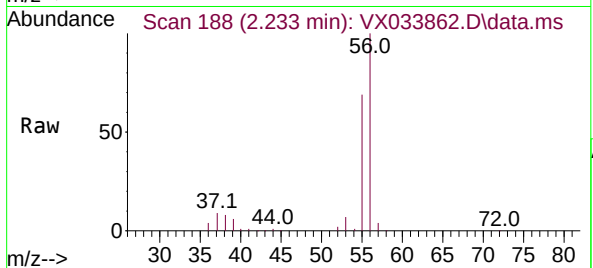
98 63.0 50.2 75.2





#13
Acrolein
Concen: 365.566 ug/l
RT: 2.233 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX033862.D
Acq: 24 Jan 2023 11:12

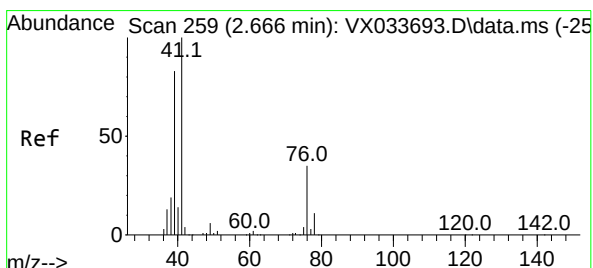
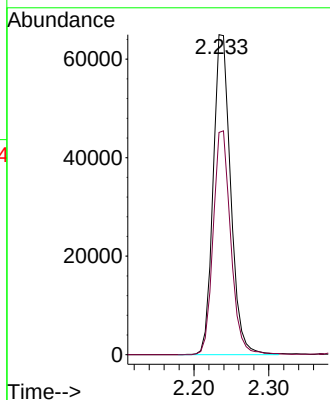
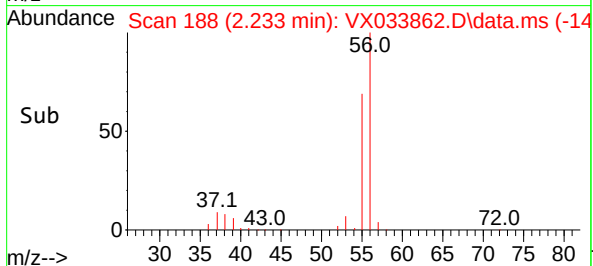
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 105872
Ion Ratio Lower Upper
56 100
55 70.5 56.3 84.5

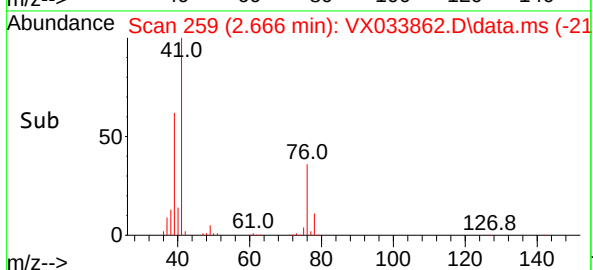
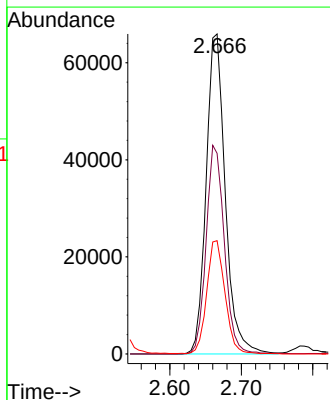
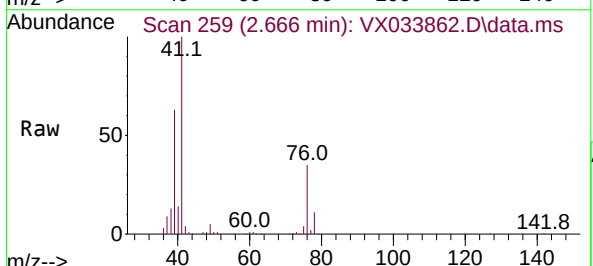
Manual Integrations
APPROVED

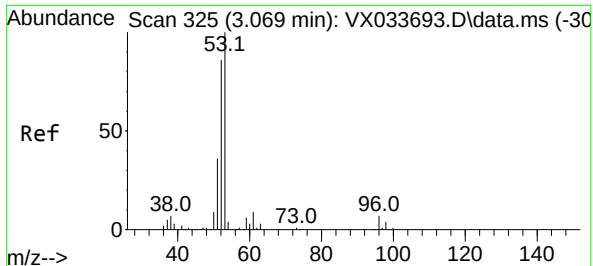
Reviewed By :John Carlone 01/25/2023
Supervised By :Mahesh Dadoda 01/26/2023



#14
Allyl chloride
Concen: 46.565 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX033862.D
Acq: 24 Jan 2023 11:12

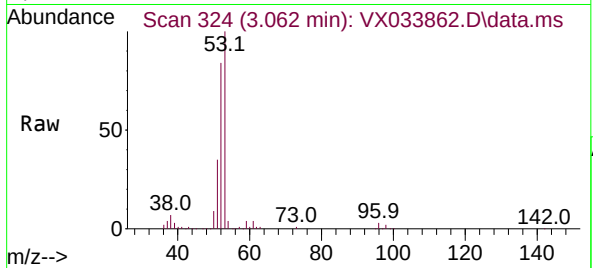
Tgt Ion: 41 Resp: 122635
Ion Ratio Lower Upper
41 100
39 62.3 59.0 88.4
76 34.0 24.6 37.0





#15
Acrylonitrile
Concen: 231.581 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX033862.D
Acq: 24 Jan 2023 11:12

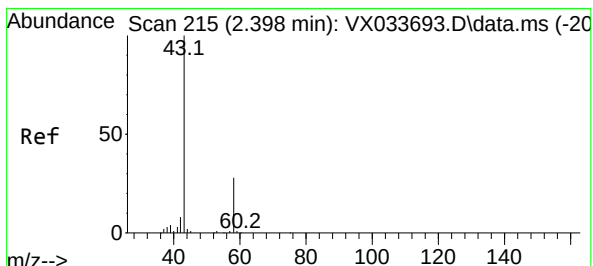
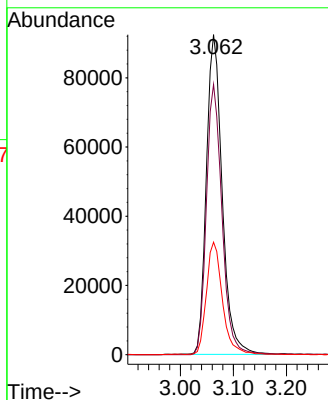
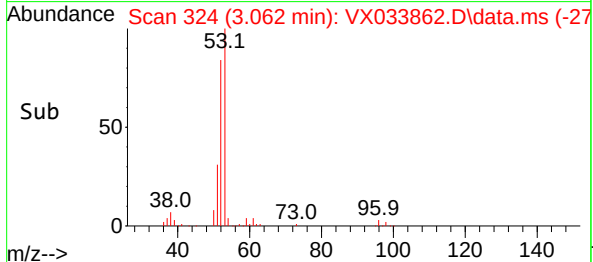
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 191305
Ion Ratio Lower Upper
53 100
52 83.4 65.7 98.5
51 35.6 29.0 43.4

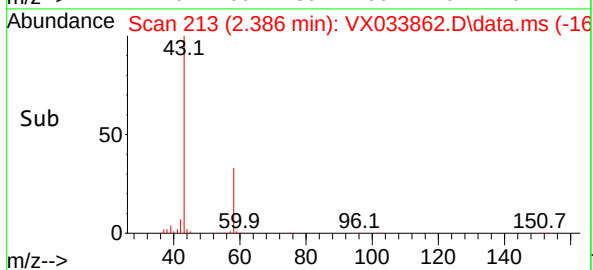
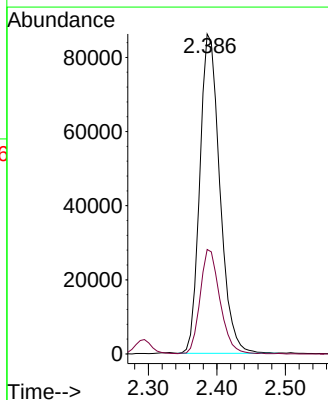
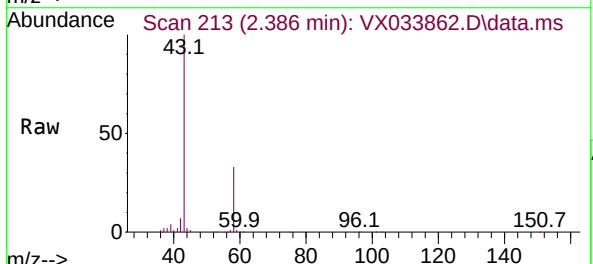
Manual Integrations
APPROVED

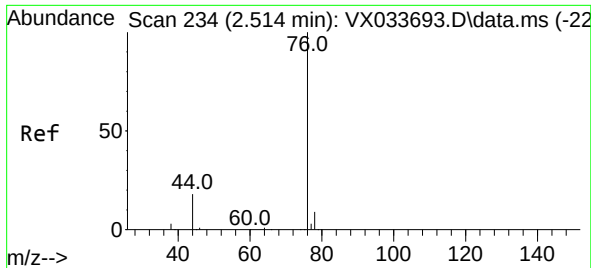
Reviewed By :John Carlone 01/25/2023
Supervised By :Mahesh Dadoda 01/26/2023



#16
Acetone
Concen: 268.163 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.012 min
Lab File: VX033862.D
Acq: 24 Jan 2023 11:12

Tgt Ion: 43 Resp: 175497
Ion Ratio Lower Upper
43 100
58 32.6 22.6 33.8





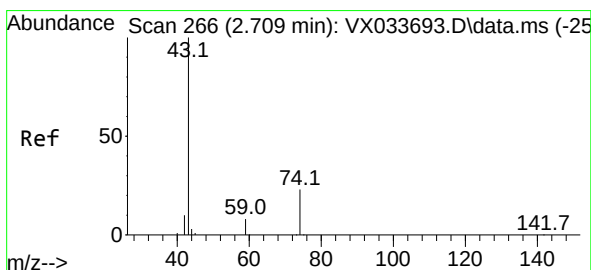
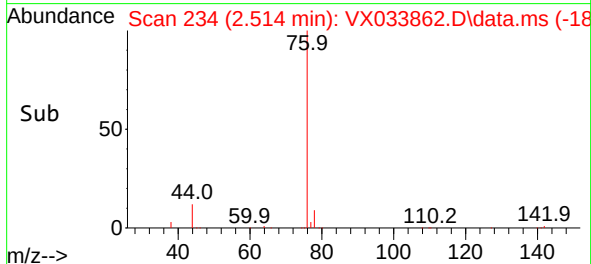
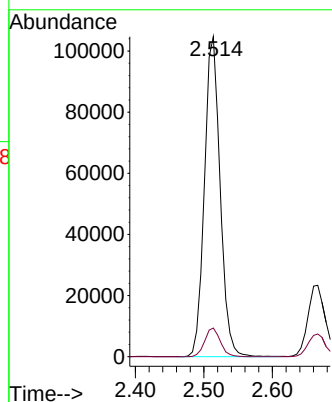
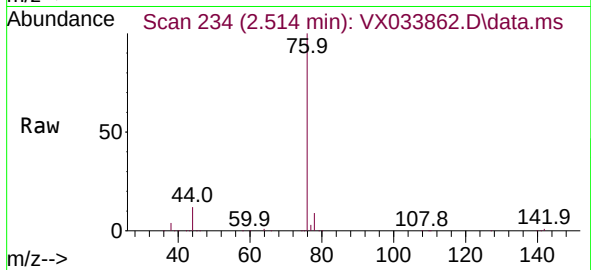
#17
Carbon Disulfide
Concen: 47.416 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX033862.D
Acq: 24 Jan 2023 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 16721
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6

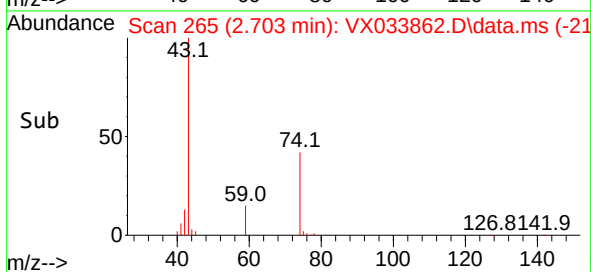
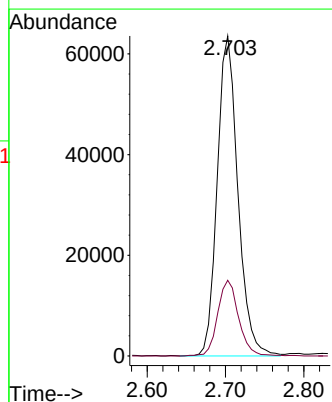
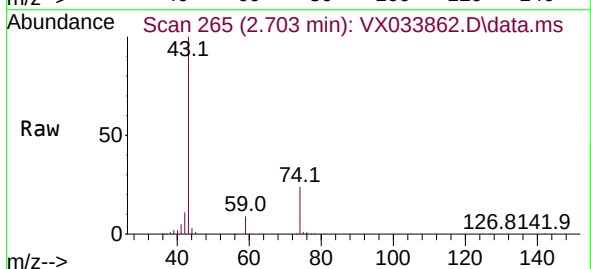
Manual Integrations
APPROVED

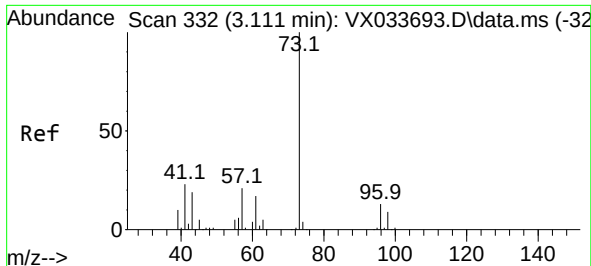
Reviewed By :John Carlone 01/25/2023
Supervised By :Mahesh Dadoda 01/26/2023



#18
Methyl Acetate
Concen: 46.350 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX033862.D
Acq: 24 Jan 2023 11:12

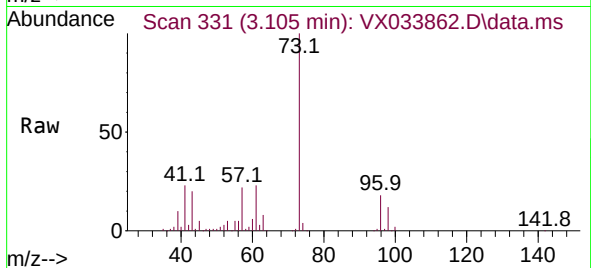
Tgt Ion: 43 Resp: 116878
Ion Ratio Lower Upper
43 100
74 24.0 18.2 27.4





#19
Methyl tert-butyl Ether
Concen: 49.877 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX033862.D
Acq: 24 Jan 2023 11:12

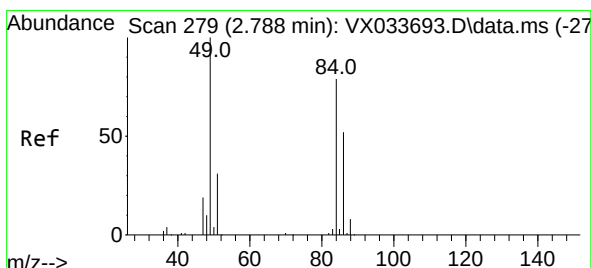
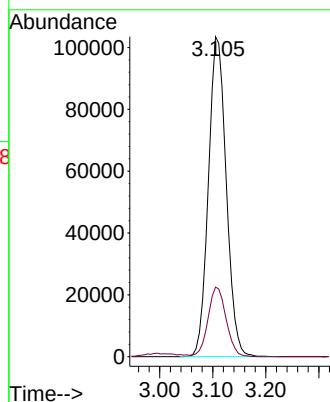
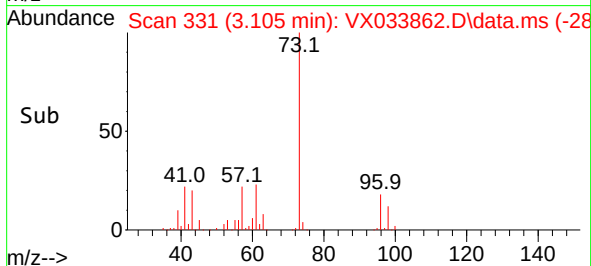
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 24188
Ion Ratio Lower Upper
73 100
57 21.8 17.4 26.0

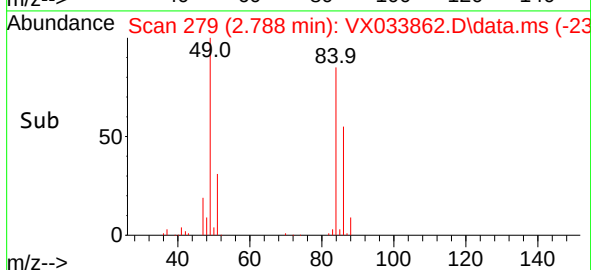
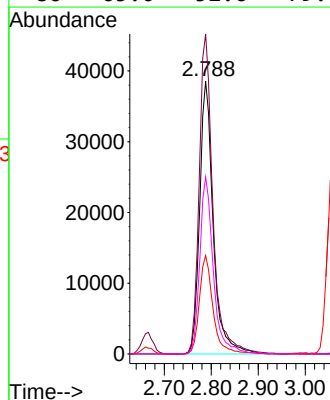
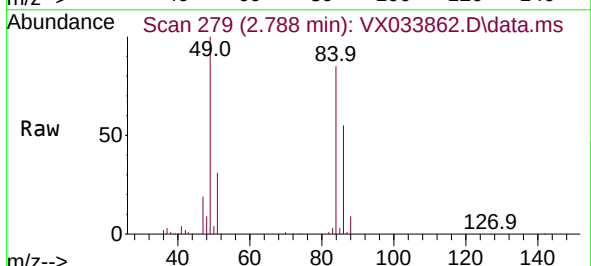
Manual Integrations
APPROVED

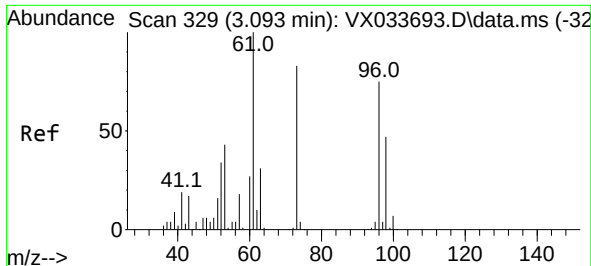
Reviewed By :John Carlone 01/25/2023
Supervised By :Mahesh Dadoda 01/26/2023



#20
Methylene Chloride
Concen: 49.416 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX033862.D
Acq: 24 Jan 2023 11:12

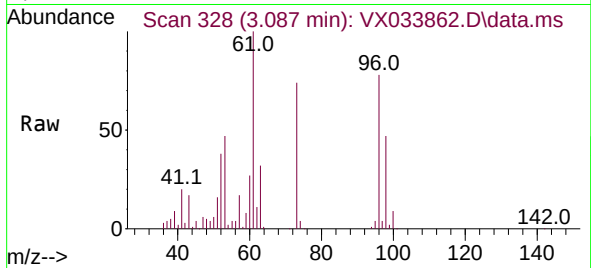
Tgt Ion: 84 Resp: 77682
Ion Ratio Lower Upper
84 100
49 117.3 101.1 151.7
51 36.1 31.0 46.6
86 65.0 52.6 79.0





#21
trans-1,2-Dichloroethene
Concen: 46.058 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX033862.D
Acq: 24 Jan 2023 11:12

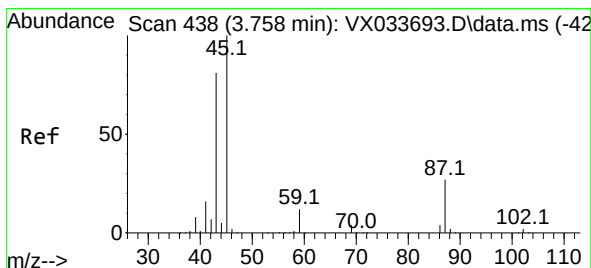
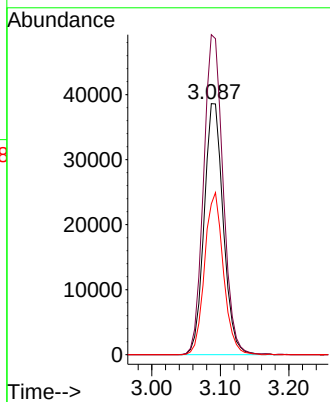
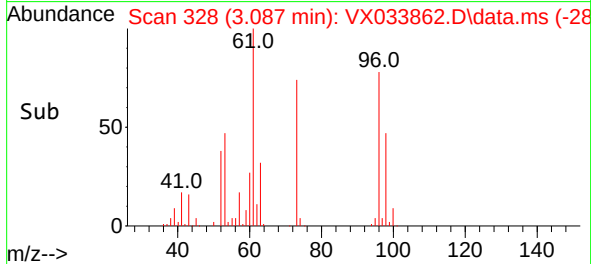
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



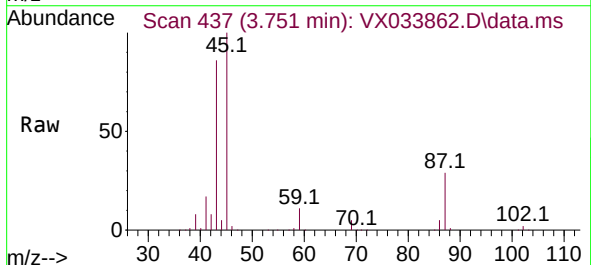
Tgt Ion: 96 Resp: 7518
Ion Ratio Lower Upper
96 100
61 127.5 106.7 160.1
98 60.1 50.0 75.0

Manual Integrations
APPROVED

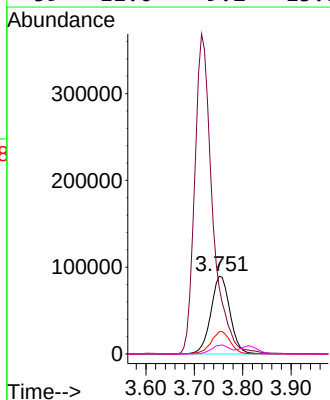
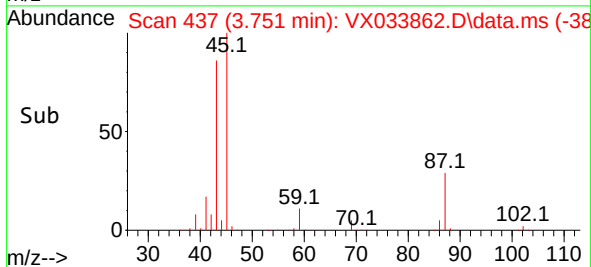
Reviewed By :John Carlone 01/25/2023
Supervised By :Mahesh Dadoda 01/26/2023

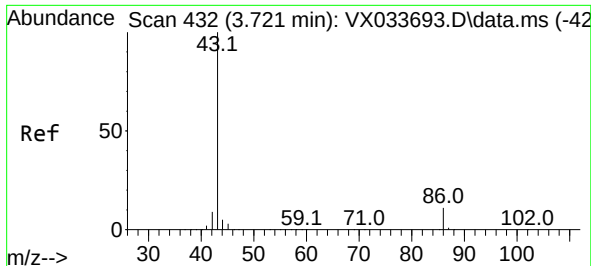


#22
Diisopropyl ether
Concen: 46.539 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX033862.D
Acq: 24 Jan 2023 11:12



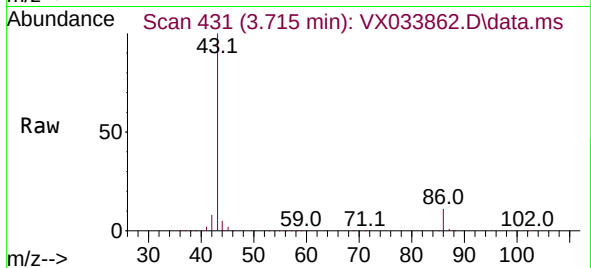
Tgt Ion: 45 Resp: 246603
Ion Ratio Lower Upper
45 100
43 85.8 64.6 97.0
87 28.6 21.9 32.9
59 11.0 9.2 13.8





#23
 Vinyl Acetate
 Concen: 236.718 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX033862.D
 Acq: 24 Jan 2023 11:12

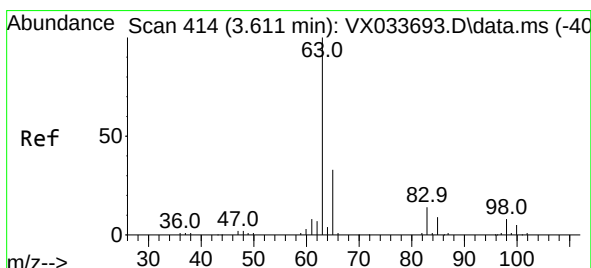
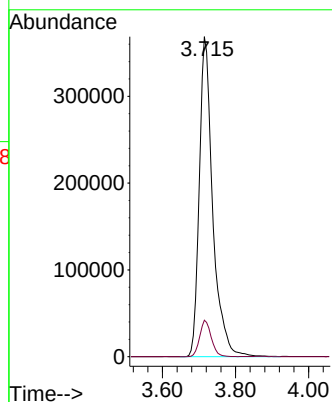
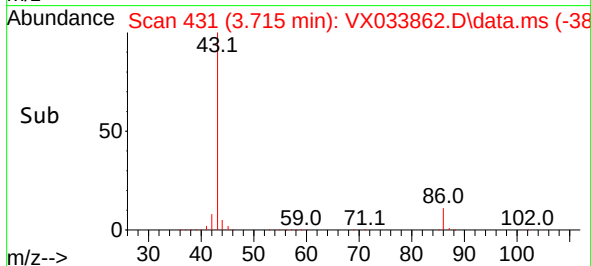
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



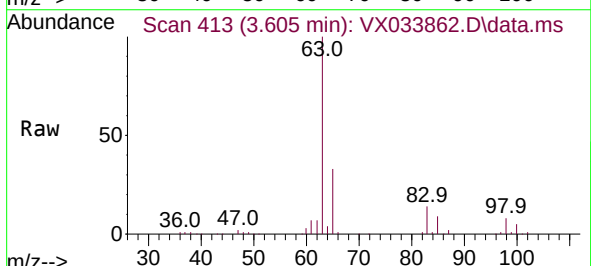
Tgt Ion: 43 Resp: 944250
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.4 12.6

Manual Integrations
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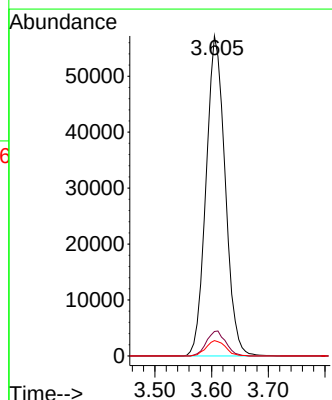
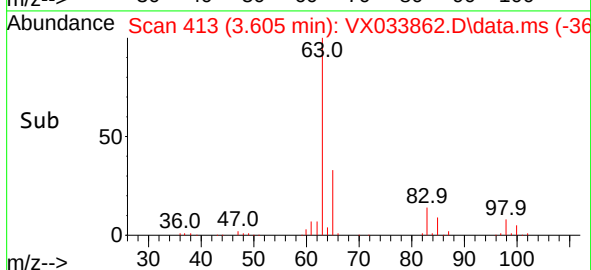
Reviewed By :John Carlone 01/25/2023
 Supervised By :Mahesh Dadoda 01/26/2023

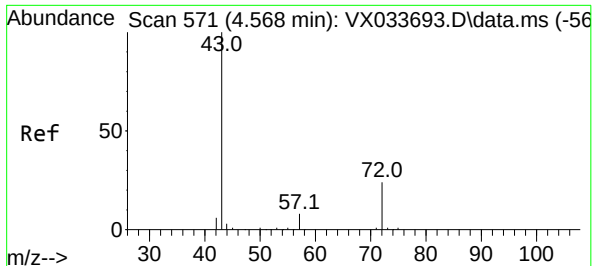


#24
 1,1-Dichloroethane
 Concen: 46.188 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX033862.D
 Acq: 24 Jan 2023 11:12



Tgt Ion: 63 Resp: 133901
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.8 11.2
 100 4.8 2.4 7.2





#25

2-Butanone

Concen: 219.754 ug/l

RT: 4.556 min Scan# 50

Delta R.T. -0.012 min

Lab File: VX033862.D

Acq: 24 Jan 2023 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 25943

Ion Ratio Lower Upper

43 100

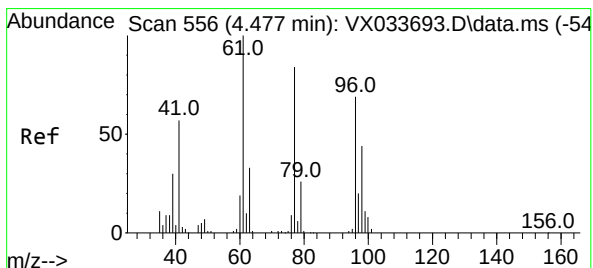
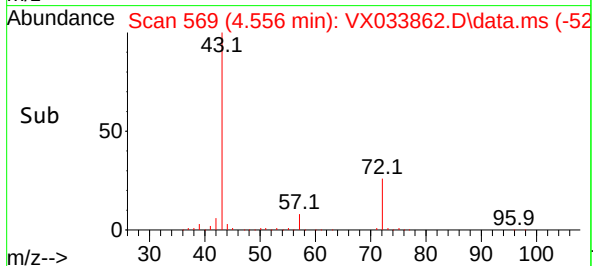
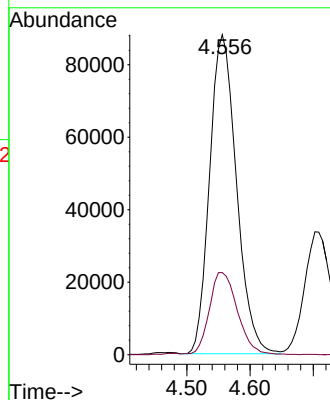
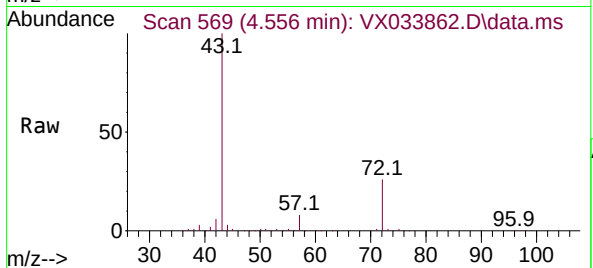
72 25.6 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2023

Supervised By :Mahesh Dadoda 01/26/2023



#26

2,2-Dichloropropane

Concen: 49.266 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.006 min

Lab File: VX033862.D

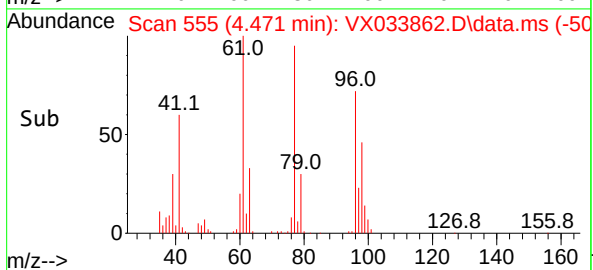
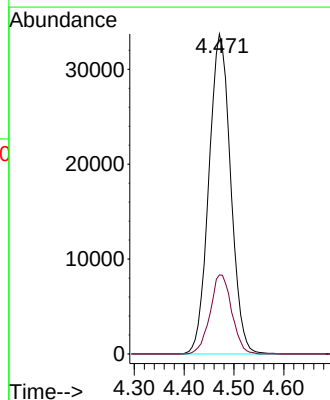
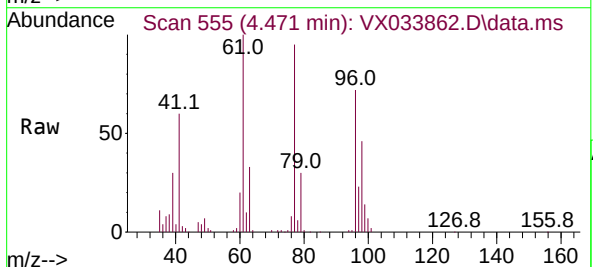
Acq: 24 Jan 2023 11:12

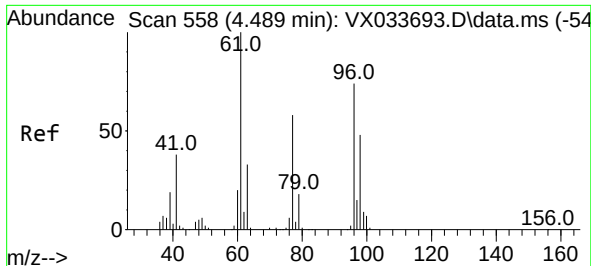
Tgt Ion: 77 Resp: 102306

Ion Ratio Lower Upper

77 100

97 24.5 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 47.986 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX033862.D

Acq: 24 Jan 2023 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 9005

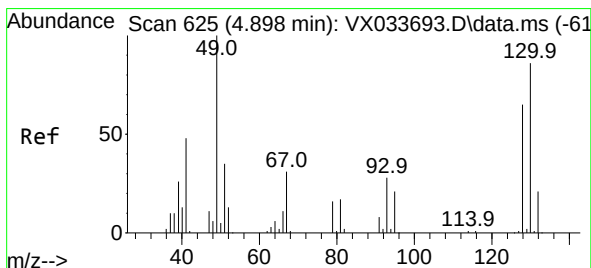
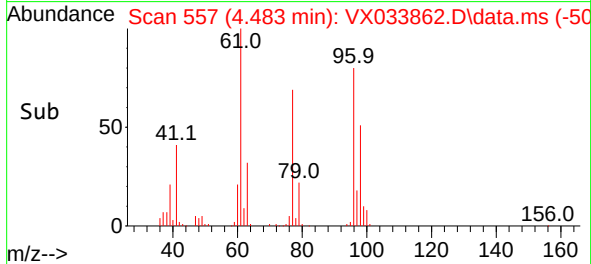
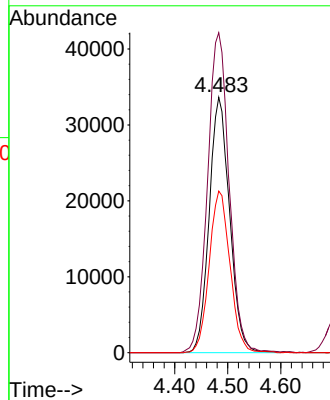
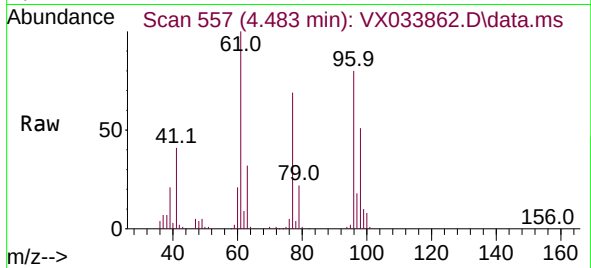
Ion	Ratio	Lower	Upper
96	100		
61	132.6	0.0	277.6
98	64.4	0.0	128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2023

Supervised By :Mahesh Dadoda 01/26/2023



#28

Bromochloromethane

Concen: 43.521 ug/l

RT: 4.891 min Scan# 624

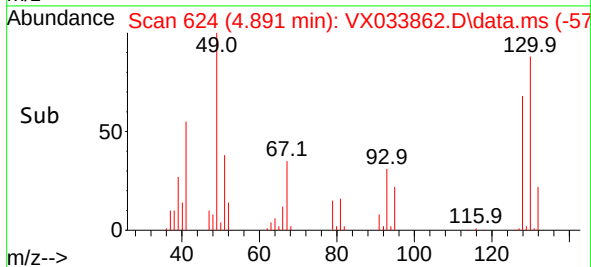
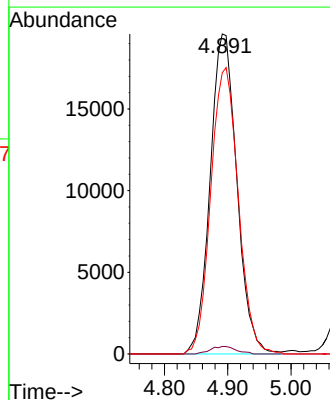
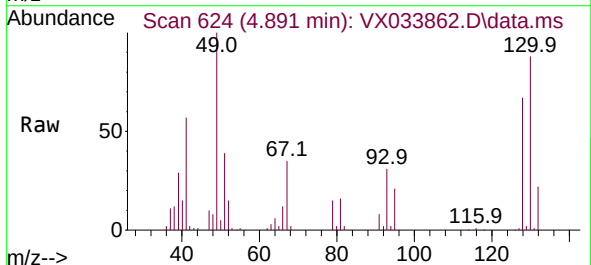
Delta R.T. -0.006 min

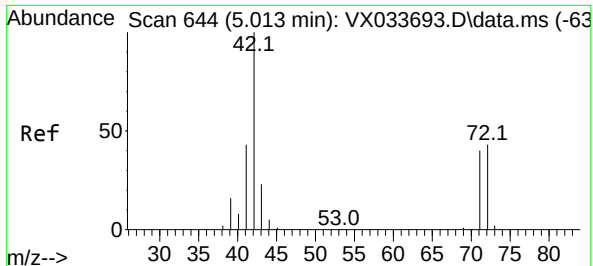
Lab File: VX033862.D

Acq: 24 Jan 2023 11:12

Tgt Ion: 49 Resp: 57472

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.6
130	92.0	68.5	102.7





#29

Tetrahydrofuran

Concen: 221.331 ug/l

RT: 5.001 min Scan# 644

Delta R.T. -0.012 min

Lab File: VX033862.D

Acq: 24 Jan 2023 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 16468

Ion Ratio Lower Upper

42 100

72 44.9 34.8 52.2

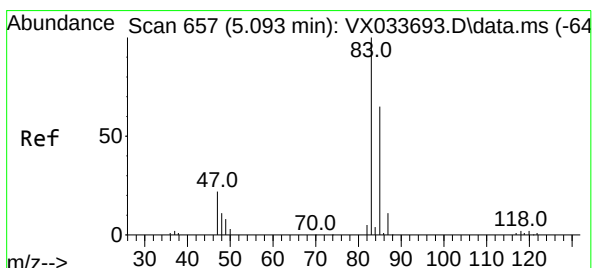
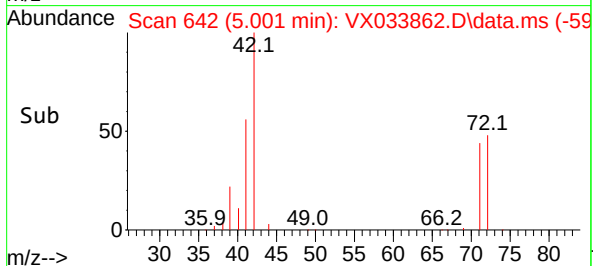
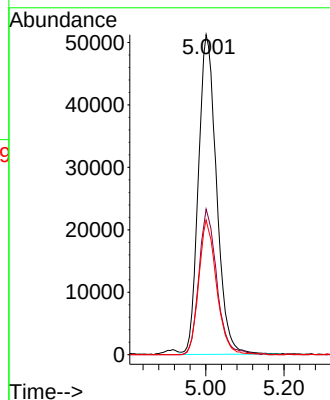
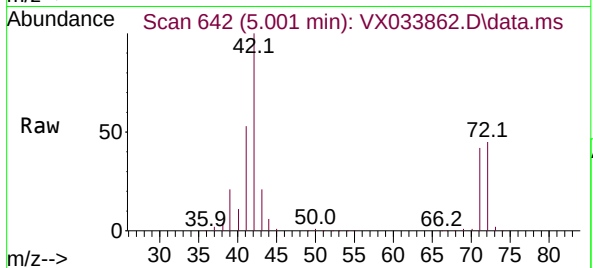
71 41.3 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2023

Supervised By :Mahesh Dadoda 01/26/2023



#30

Chloroform

Concen: 46.725 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX033862.D

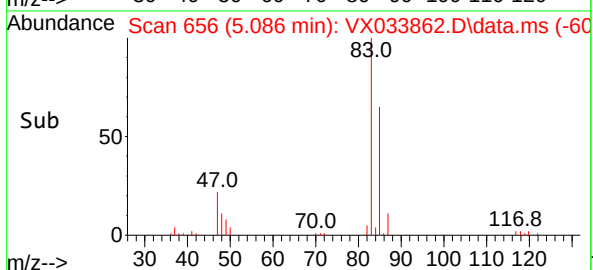
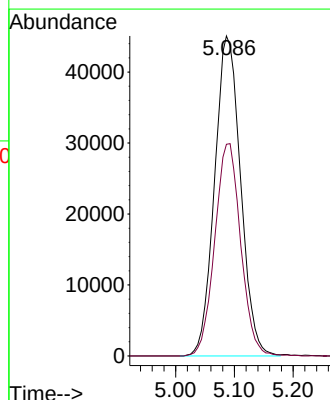
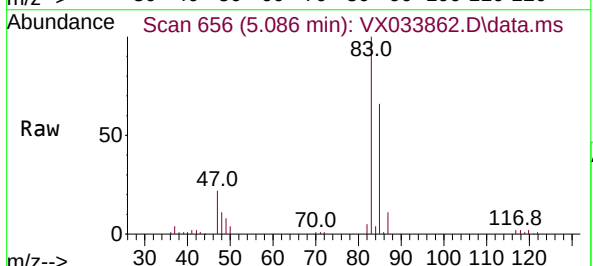
Acq: 24 Jan 2023 11:12

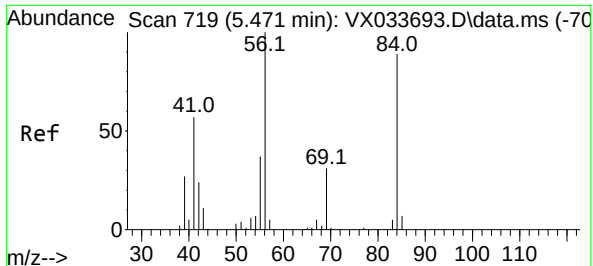
Tgt Ion: 83 Resp: 138740

Ion Ratio Lower Upper

83 100

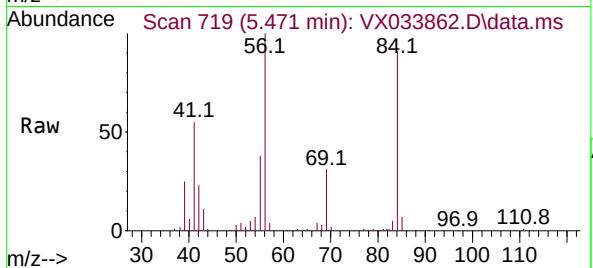
85 66.2 52.1 78.1





#31
Cyclohexane
Concen: 44.791 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX033862.D
Acq: 24 Jan 2023 11:12

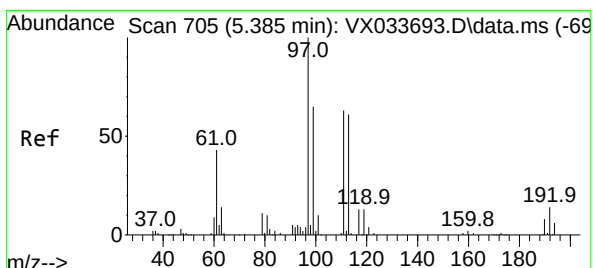
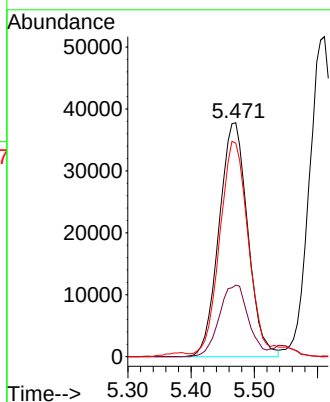
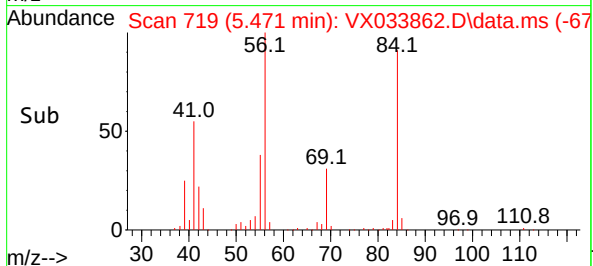
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



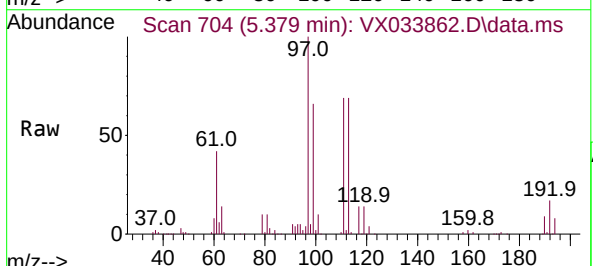
Tgt Ion: 56 Resp: 119090
Ion Ratio Lower Upper
56 100
69 30.6 24.6 37.0
84 89.7 71.0 106.6

Manual Integrations
APPROVED

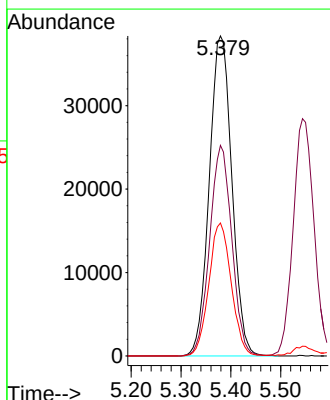
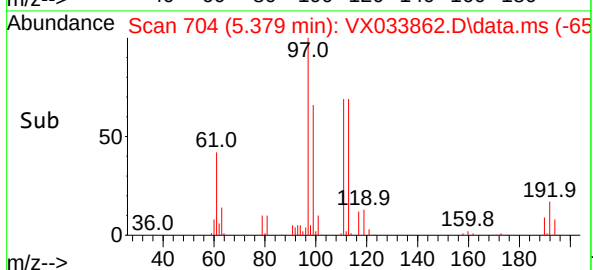
Reviewed By :John Carlone 01/25/2023
Supervised By :Mahesh Dadoda 01/26/2023

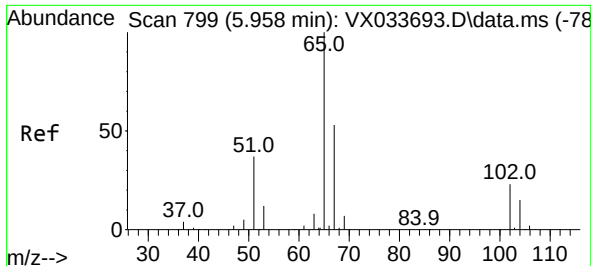


#32
1,1,1-Trichloroethane
Concen: 47.614 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX033862.D
Acq: 24 Jan 2023 11:12



Tgt Ion: 97 Resp: 120707
Ion Ratio Lower Upper
97 100
99 64.5 52.3 78.5
61 41.2 35.2 52.8





#33
1,2-Dichloroethane-d4
Concen: 45.351 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX033862.D
Acq: 24 Jan 2023 11:12

Instrument :

MSVOA_X

ClientSampleId :

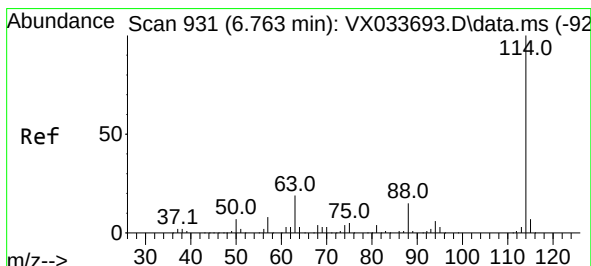
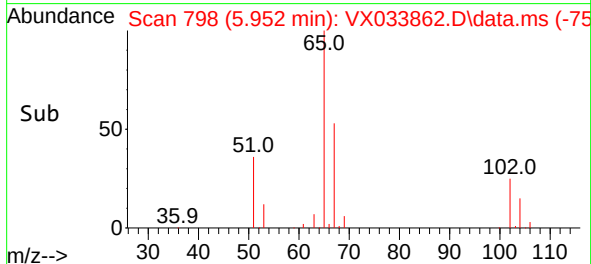
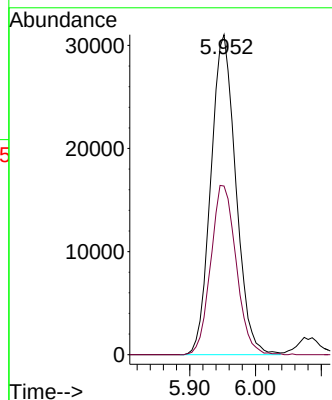
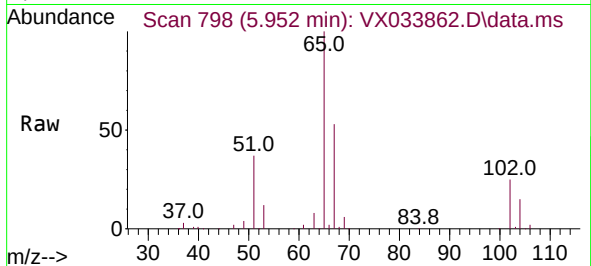
VSTDCCC050

Tgt Ion: 65 Resp: 8194
Ion Ratio Lower Upper
65 100
67 53.9 0.0 104.8

Manual Integrations

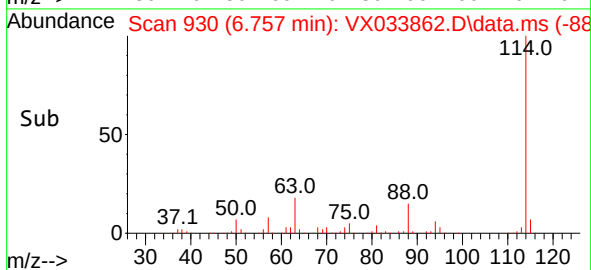
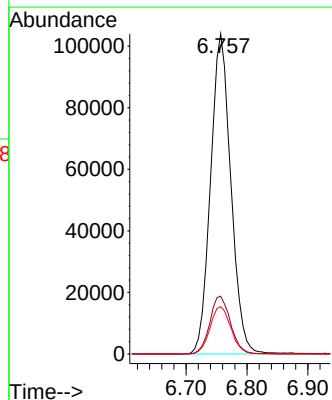
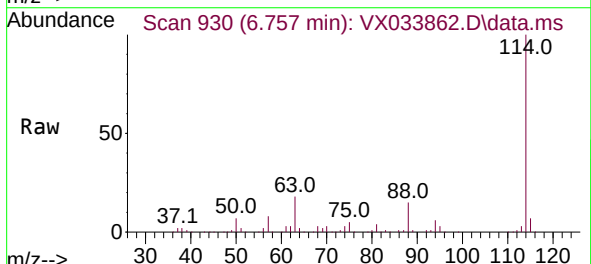
APPROVED

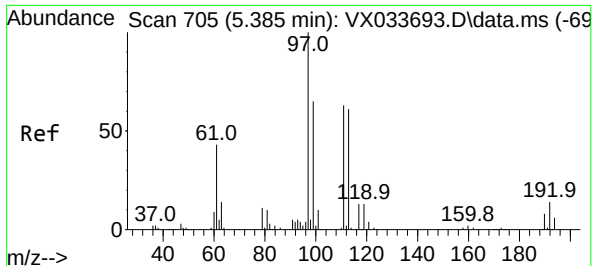
Reviewed By :John Carlone 01/25/2023
Supervised By :Mahesh Dadoda 01/26/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX033862.D
Acq: 24 Jan 2023 11:12

Tgt Ion:114 Resp: 240656
Ion Ratio Lower Upper
114 100
63 18.1 0.0 37.4
88 14.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.992 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX033862.D

Acq: 24 Jan 2023 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 76200

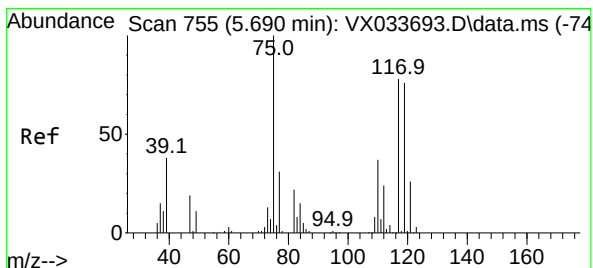
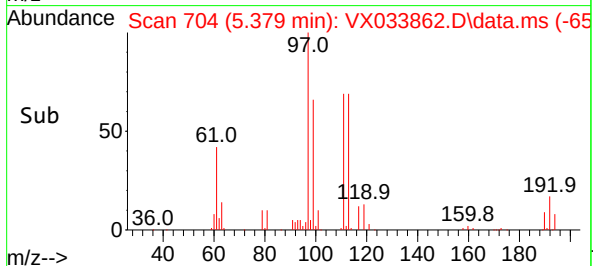
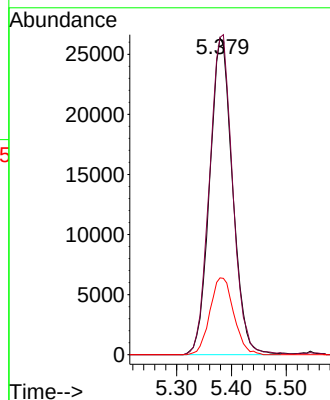
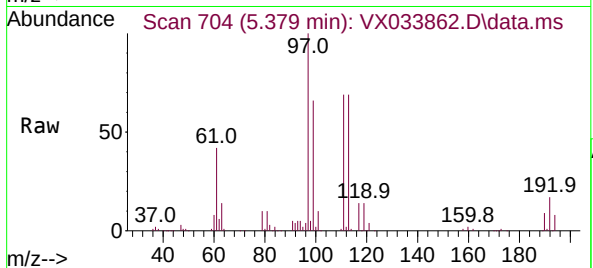
Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.0	124.6
192	25.3	19.0	28.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2023

Supervised By :Mahesh Dadoda 01/26/2023



#36

1,1-Dichloropropene

Concen: 46.681 ug/l

RT: 5.684 min Scan# 754

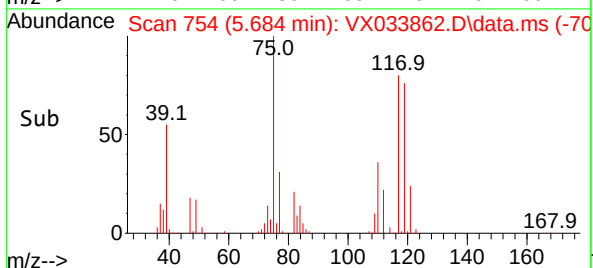
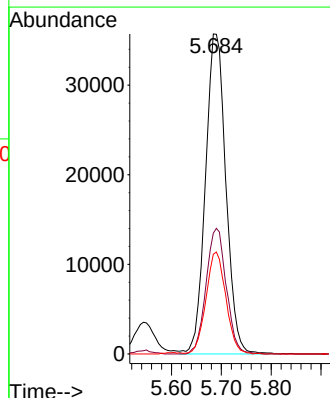
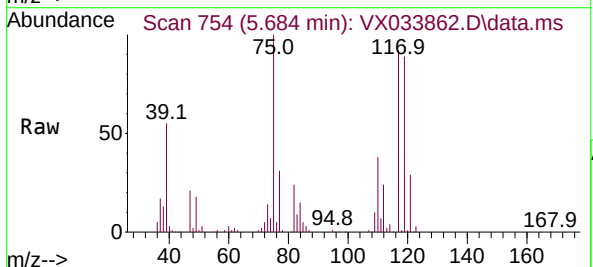
Delta R.T. -0.006 min

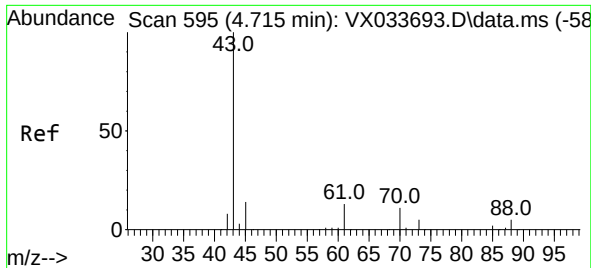
Lab File: VX033862.D

Acq: 24 Jan 2023 11:12

Tgt Ion: 75 Resp: 101809

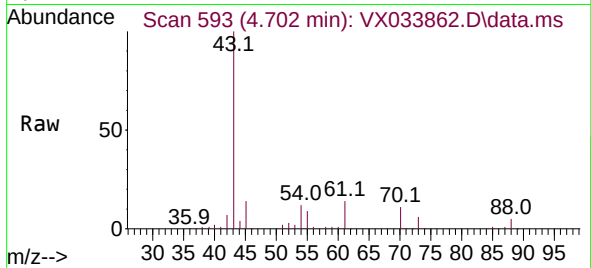
Ion	Ratio	Lower	Upper
75	100		
110	38.8	18.8	56.4
77	31.1	25.1	37.7





#37
Ethyl Acetate
Concen: 49.191 ug/l
RT: 4.702 min Scan# 595
Delta R.T. -0.013 min
Lab File: VX033862.D
Acq: 24 Jan 2023 11:12

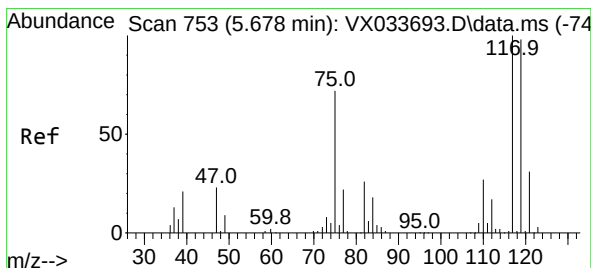
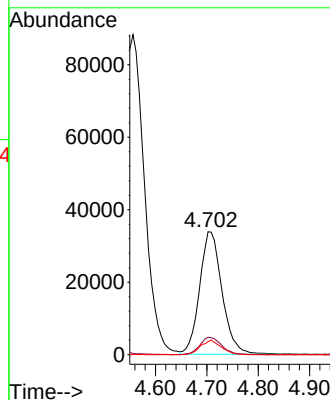
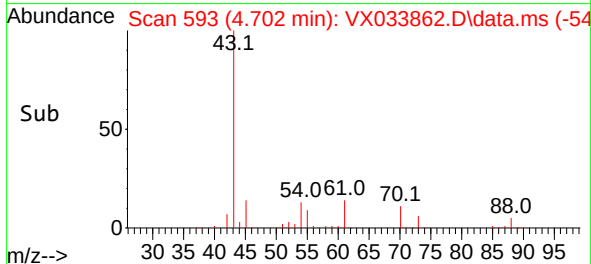
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 102462
Ion Ratio Lower Upper
43 100
61 14.1 11.1 16.7
70 10.8 8.5 12.7

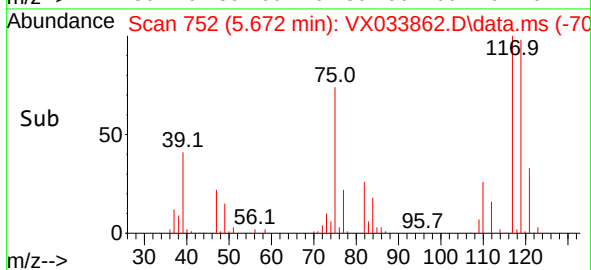
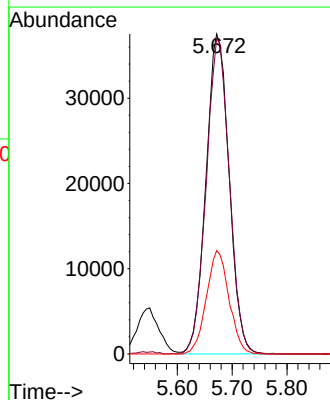
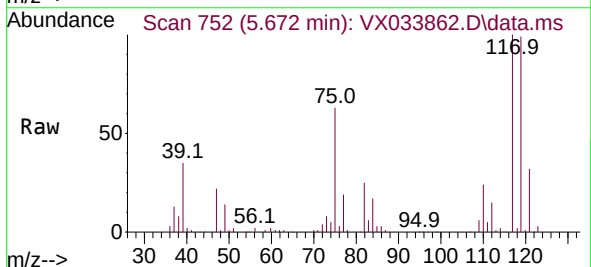
Manual Integrations
APPROVED

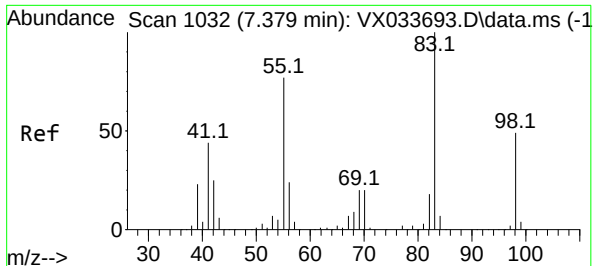
Reviewed By :John Carlone 01/25/2023
Supervised By :Mahesh Dadoda 01/26/2023



#38
Carbon Tetrachloride
Concen: 48.798 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX033862.D
Acq: 24 Jan 2023 11:12

Tgt Ion:117 Resp: 110226
Ion Ratio Lower Upper
117 100
119 98.6 78.0 117.0
121 32.3 24.4 36.6





#39

Methylcyclohexane

Concen: 47.739 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX033862.D

Acq: 24 Jan 2023 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 128575

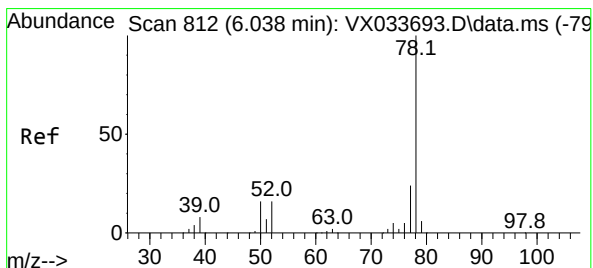
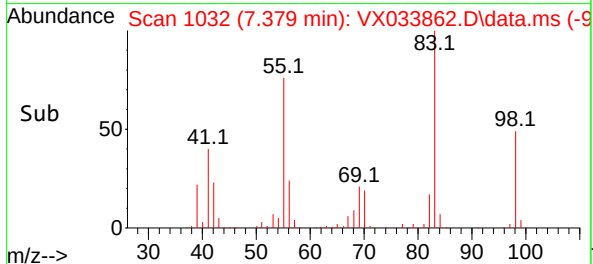
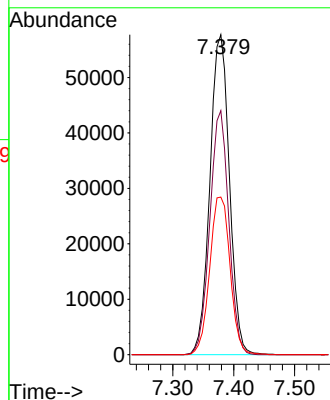
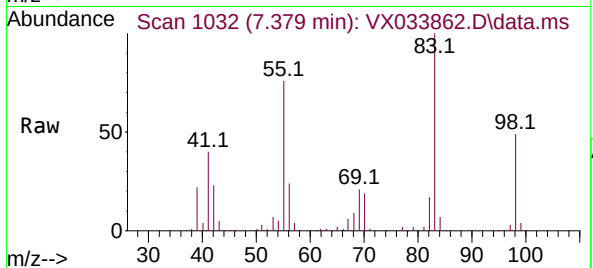
Ion	Ratio	Lower	Upper
83	100		
55	76.2	61.8	92.6
98	49.2	39.3	58.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2023

Supervised By :Mahesh Dadoda 01/26/2023



#40

Benzene

Concen: 47.991 ug/l

RT: 6.031 min Scan# 811

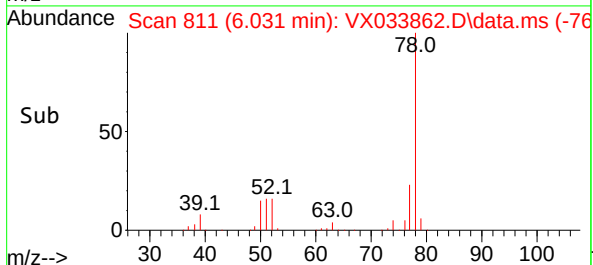
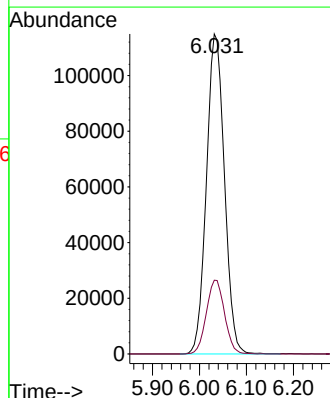
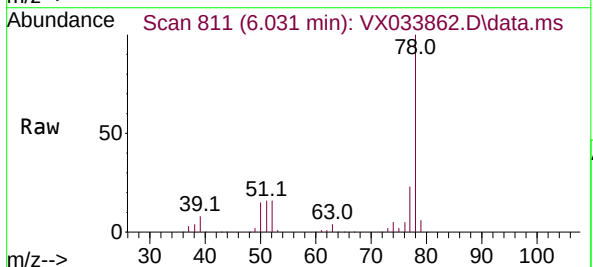
Delta R.T. -0.006 min

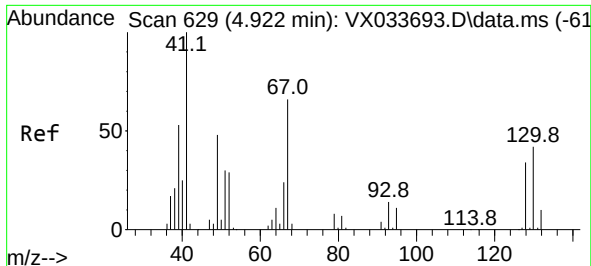
Lab File: VX033862.D

Acq: 24 Jan 2023 11:12

Tgt Ion: 78 Resp: 305075

Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.0	28.4





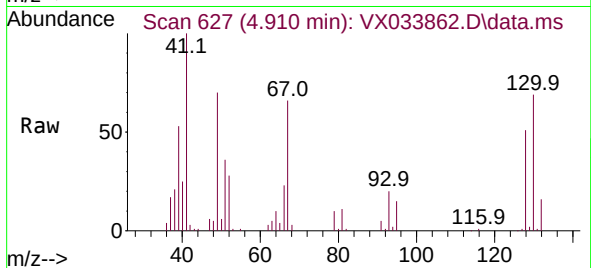
#41
Methacrylonitrile
Concen: 49.606 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX033862.D
Acq: 24 Jan 2023 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



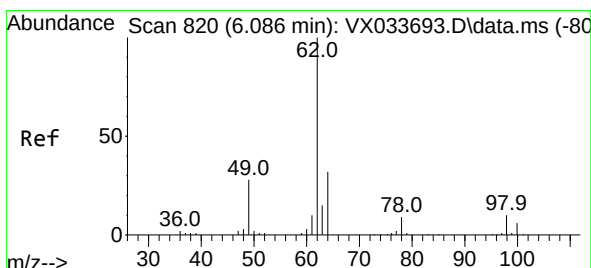
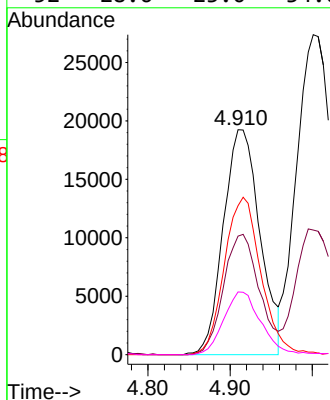
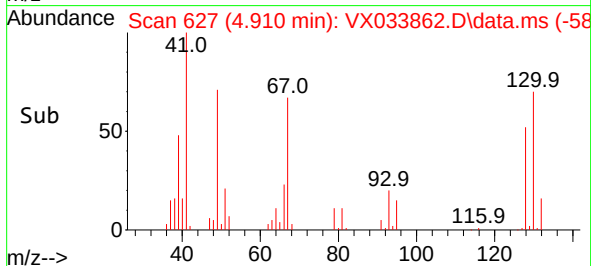
Tgt Ion: 41 Resp: 59618
Ion Ratio Lower Upper
41 100
39 52.4 43.8 65.6
67 70.0 54.8 82.2
52 28.6 23.0 34.6

Manual Integrations

APPROVED

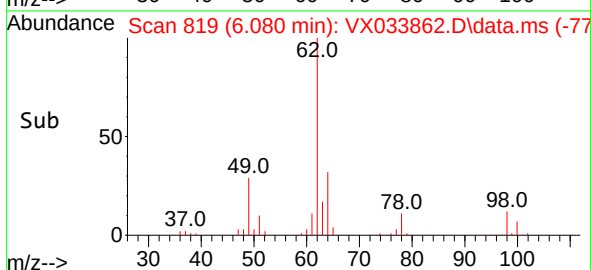
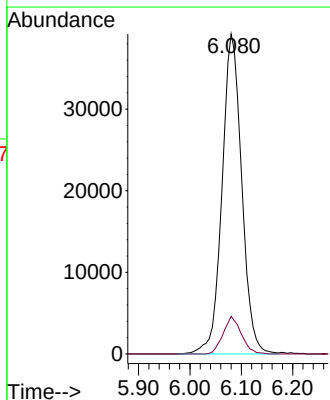
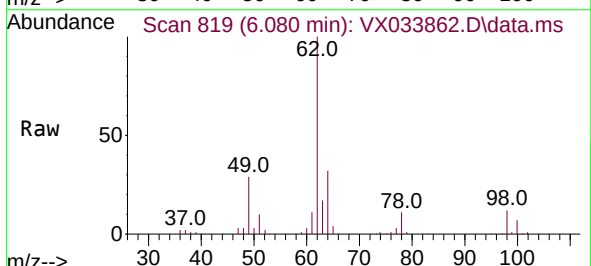
Reviewed By :John Carlone 01/25/2023

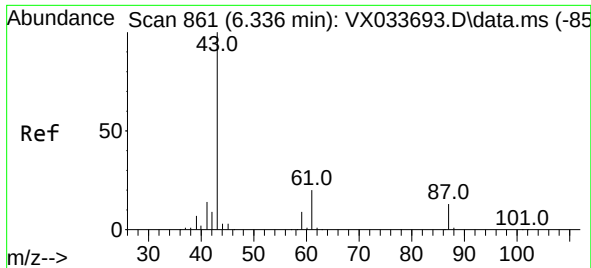
Supervised By :Mahesh Dadoda 01/26/2023



#42
1,2-Dichloroethane
Concen: 46.279 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX033862.D
Acq: 24 Jan 2023 11:12

Tgt Ion: 62 Resp: 104258
Ion Ratio Lower Upper
62 100
98 10.8 0.0 20.2





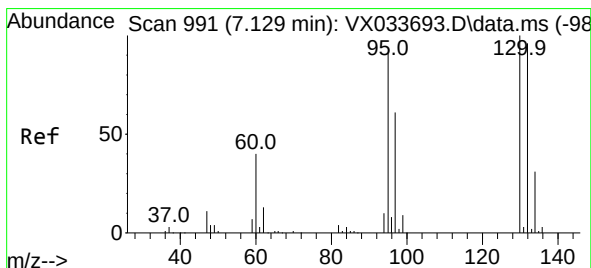
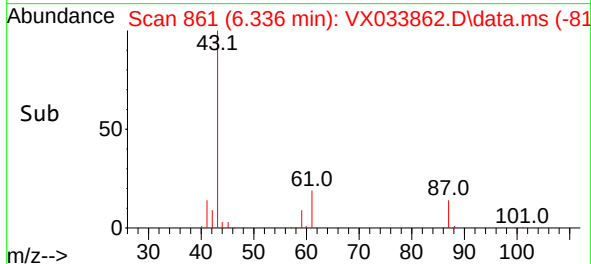
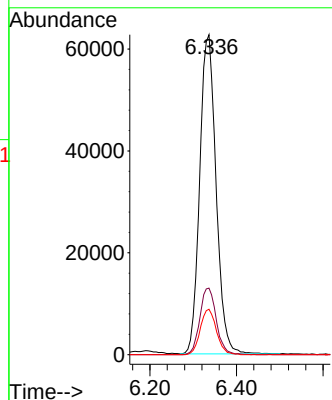
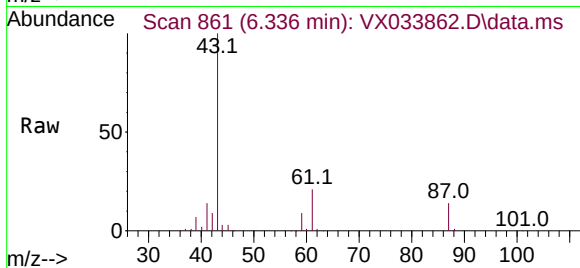
#43
Isopropyl Acetate
Concen: 47.728 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX033862.D
Acq: 24 Jan 2023 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 16432
Ion Ratio Lower Upper
43 100
61 21.0 15.7 23.5
87 14.0 10.6 15.8

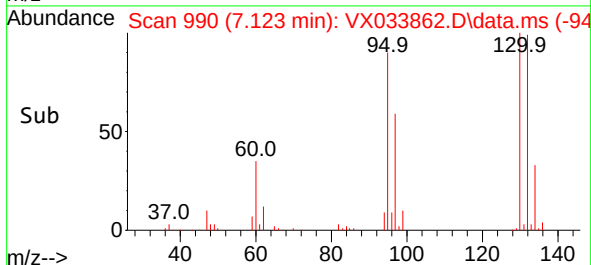
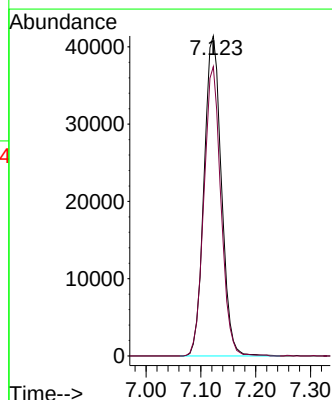
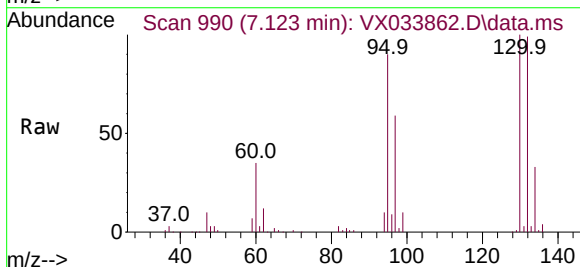
Manual Integrations
APPROVED

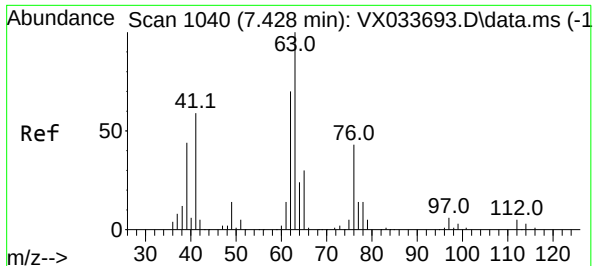
Reviewed By :John Carlone 01/25/2023
Supervised By :Mahesh Dadoda 01/26/2023



#44
Trichloroethene
Concen: 50.988 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX033862.D
Acq: 24 Jan 2023 11:12

Tgt Ion:130 Resp: 90638
Ion Ratio Lower Upper
130 100
95 90.4 0.0 182.6





#45

1,2-Dichloropropane

Concen: 49.705 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX033862.D

Acq: 24 Jan 2023 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 7915

Ion Ratio Lower Upper

63 100

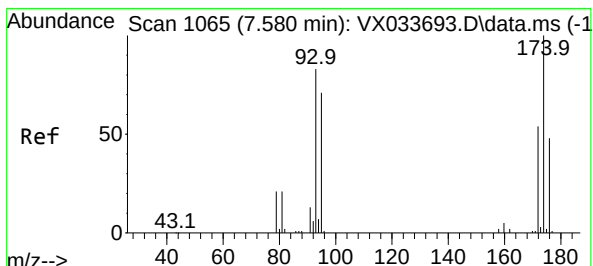
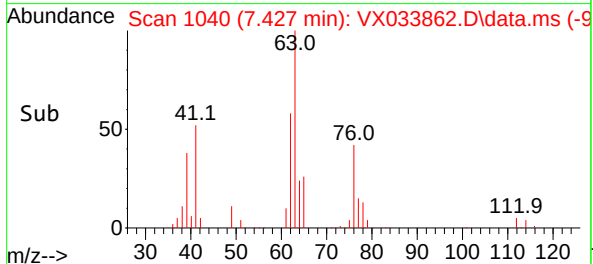
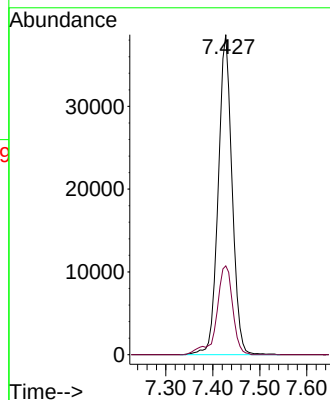
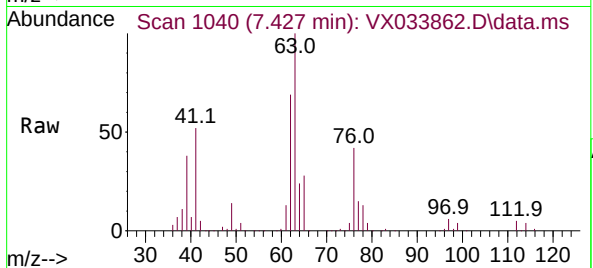
65 27.7 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2023

Supervised By :Mahesh Dadoda 01/26/2023



#46

Dibromomethane

Concen: 48.804 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX033862.D

Acq: 24 Jan 2023 11:12

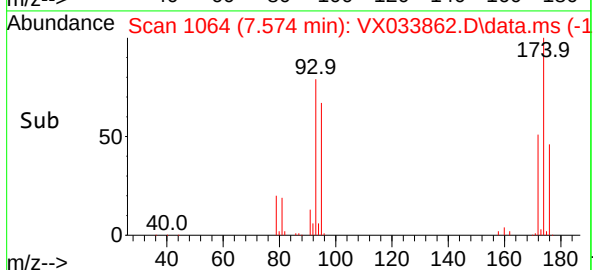
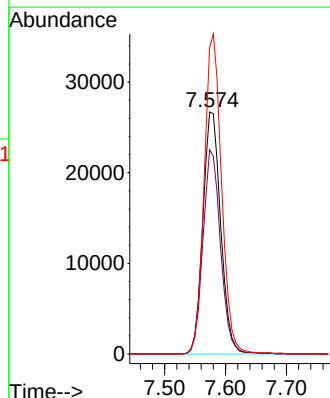
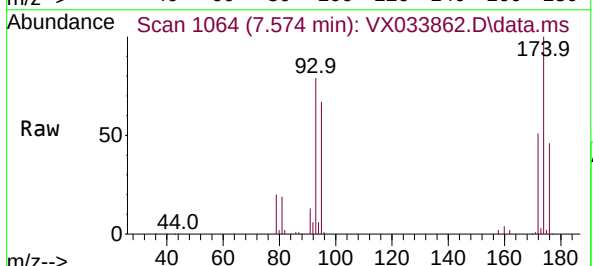
Tgt Ion: 93 Resp: 54284

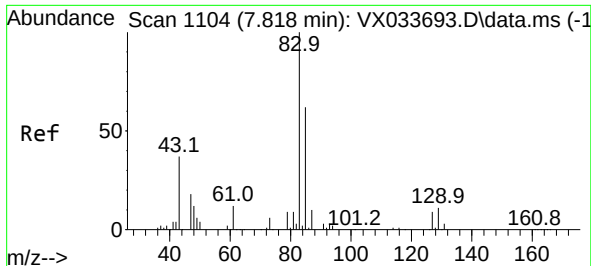
Ion Ratio Lower Upper

93 100

95 83.3 67.6 101.4

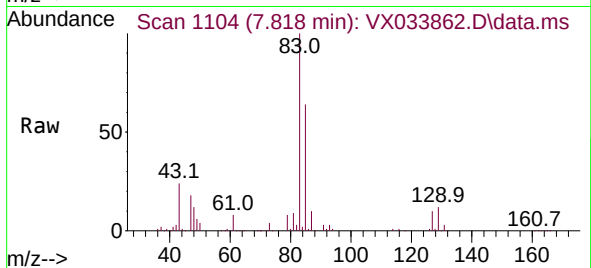
174 129.2 97.4 146.0





#47
Bromodichloromethane
Concen: 50.939 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX033862.D
Acq: 24 Jan 2023 11:12

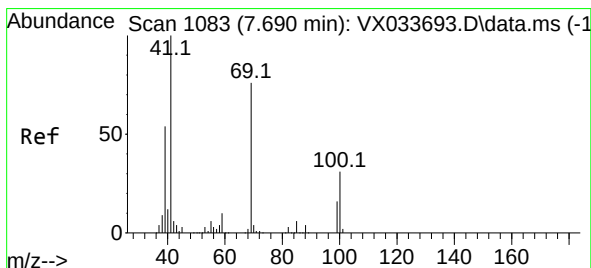
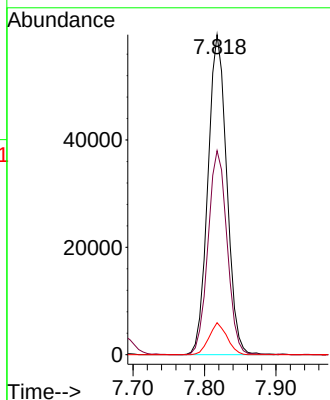
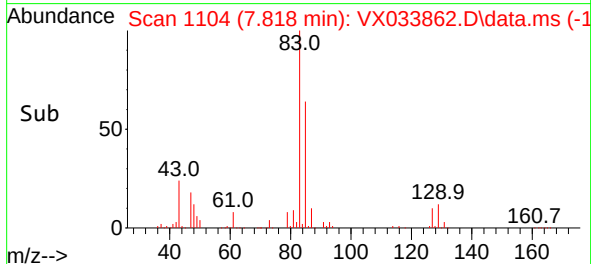
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 10919
Ion Ratio Lower Upper
83 100
85 63.7 49.8 74.6
127 10.0 7.0 10.4

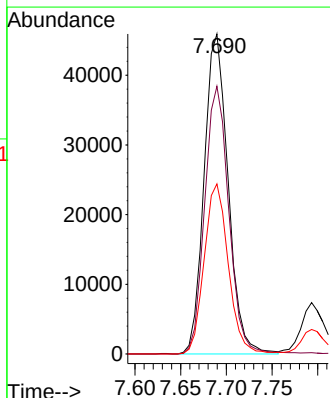
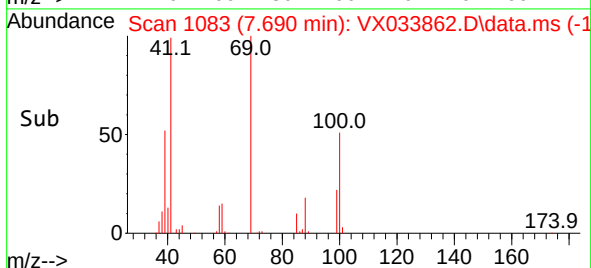
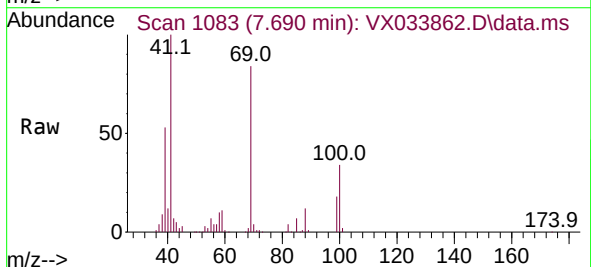
Manual Integrations
APPROVED

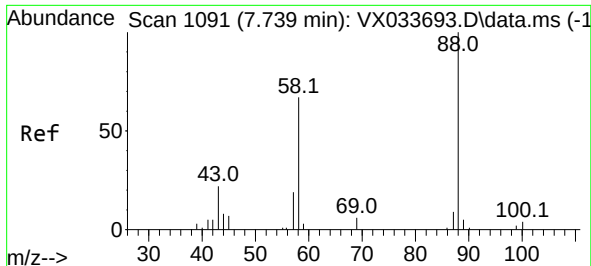
Reviewed By :John Carlone 01/25/2023
Supervised By :Mahesh Dadoda 01/26/2023



#48
Methyl methacrylate
Concen: 48.302 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX033862.D
Acq: 24 Jan 2023 11:12

Tgt Ion: 41 Resp: 83774
Ion Ratio Lower Upper
41 100
69 84.2 63.1 94.7
39 53.5 43.2 64.8





#49

1,4-Dioxane

Concen: 764.860 ug/l

RT: 7.714 min Scan# 1091

Delta R.T. -0.024 min

Lab File: VX033862.D

Acq: 24 Jan 2023 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

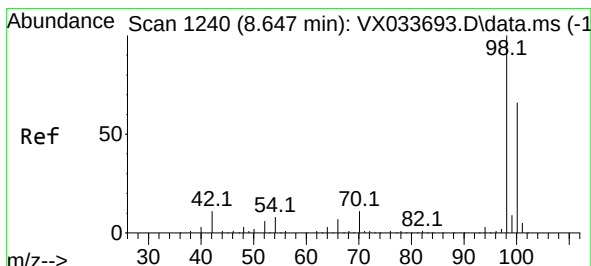
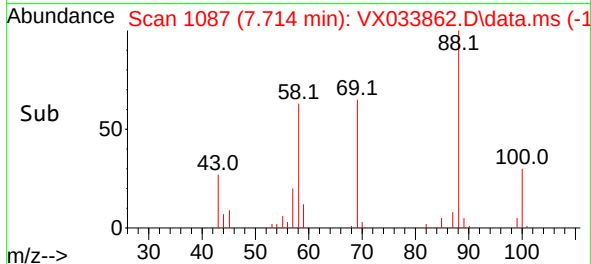
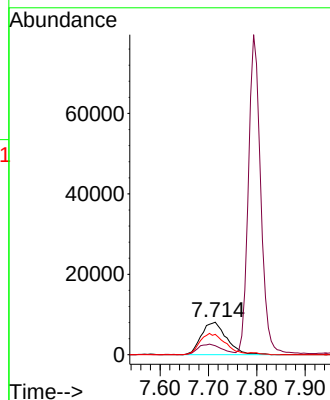
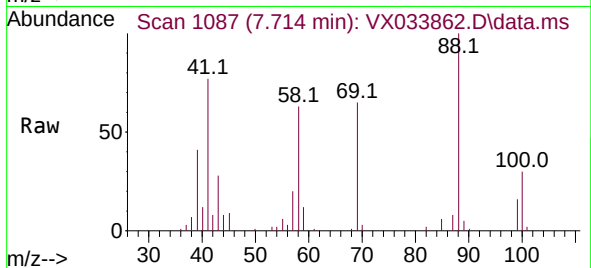
Tgt Ion: 88 Resp: 2934
 Ion Ratio Lower Upper
 88 100
 43 31.1 0.0 0.0
 58 65.0 56.5 84.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2023

Supervised By :Mahesh Dadoda 01/26/2023



#50

Toluene-d8

Concen: 50.467 ug/l

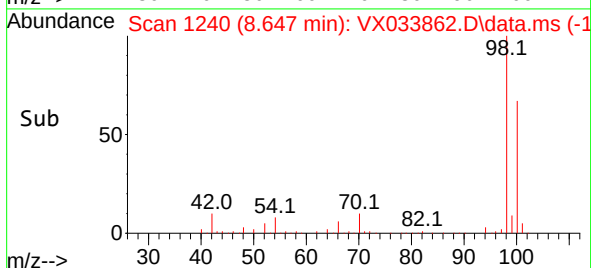
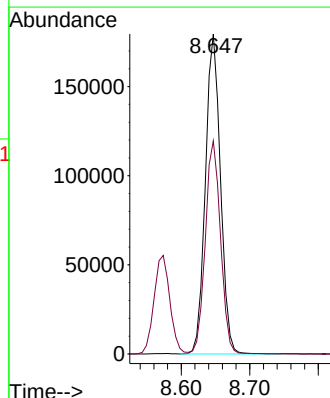
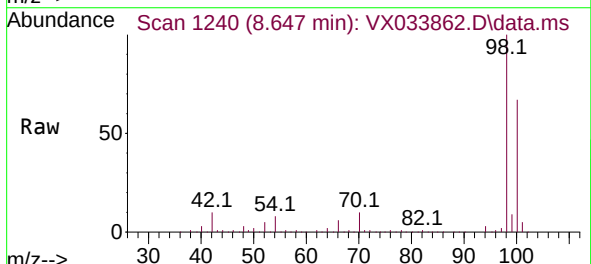
RT: 8.647 min Scan# 1240

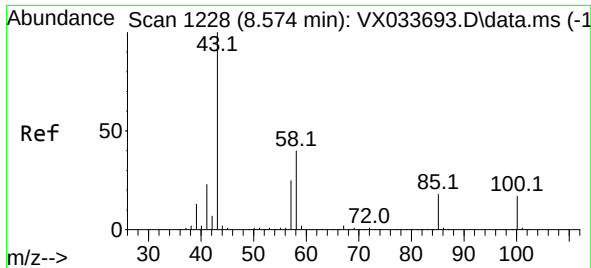
Delta R.T. -0.000 min

Lab File: VX033862.D

Acq: 24 Jan 2023 11:12

Tgt Ion: 98 Resp: 274779
 Ion Ratio Lower Upper
 98 100
 100 67.1 53.6 80.4





#51
4-Methyl-2-Pentanone
Concen: 236.381 ug/l
RT: 8.568 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033862.D
Acq: 24 Jan 2023 11:12

Instrument :

MSVOA_X

ClientSampleId :

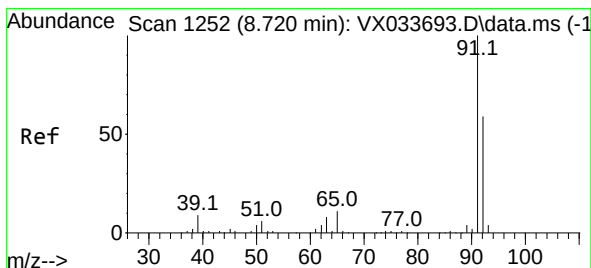
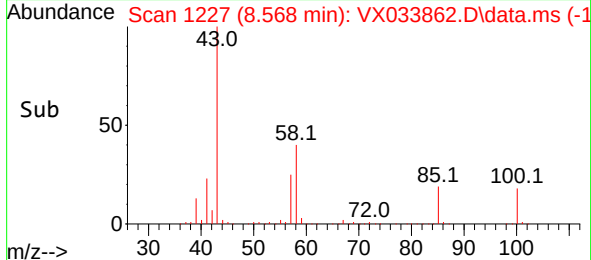
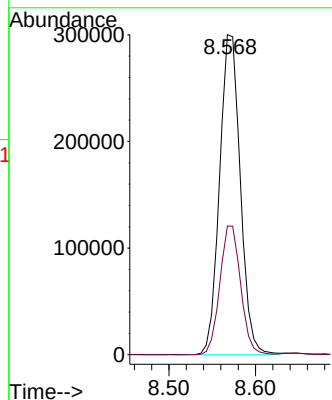
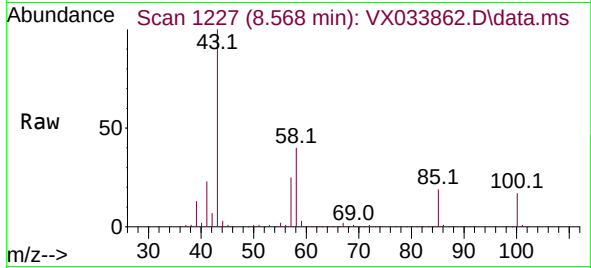
VSTDCCC050

Tgt Ion: 43 Resp: 499830
Ion Ratio Lower Upper
43 100
58 40.3 31.2 46.8

Manual Integrations

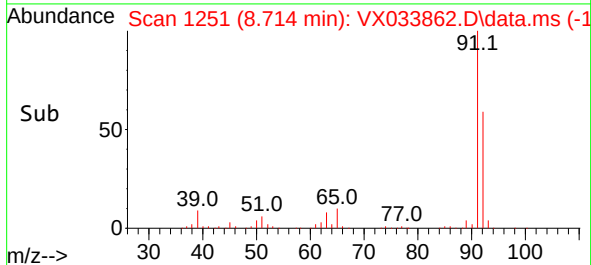
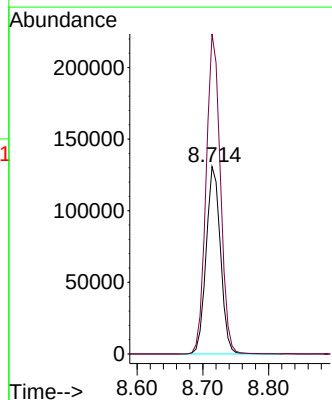
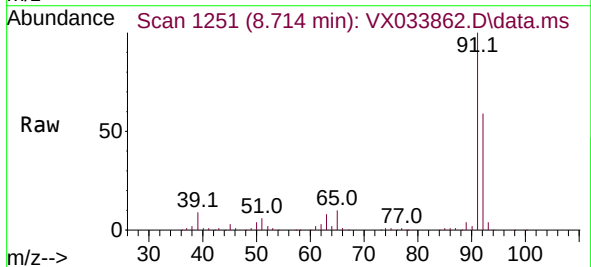
APPROVED

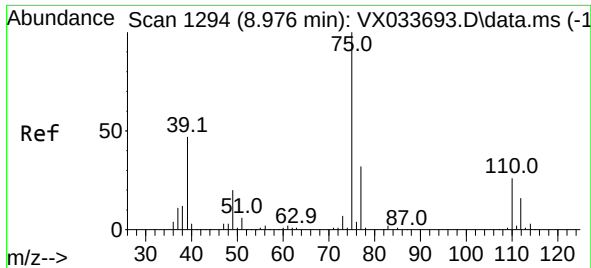
Reviewed By :John Carlone 01/25/2023
Supervised By :Mahesh Dadoda 01/26/2023



#52
Toluene
Concen: 48.323 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX033862.D
Acq: 24 Jan 2023 11:12

Tgt Ion: 92 Resp: 198373
Ion Ratio Lower Upper
92 100
91 170.5 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 54.061 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX033862.D

Acq: 24 Jan 2023 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 11589

Ion Ratio Lower Upper

75 100

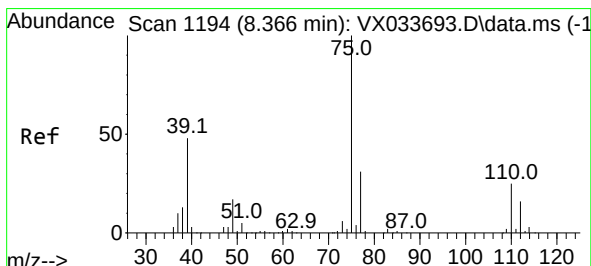
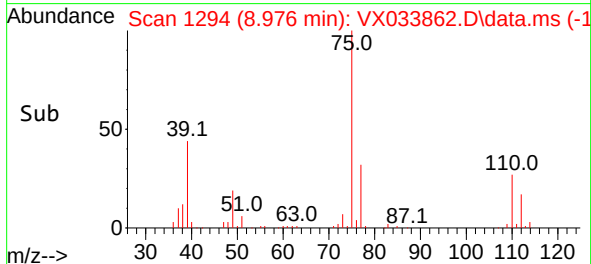
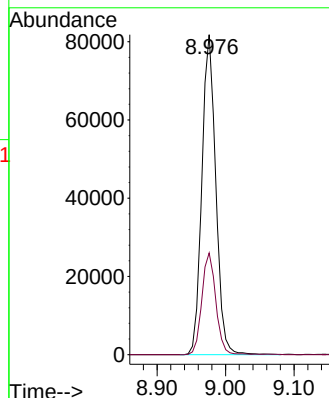
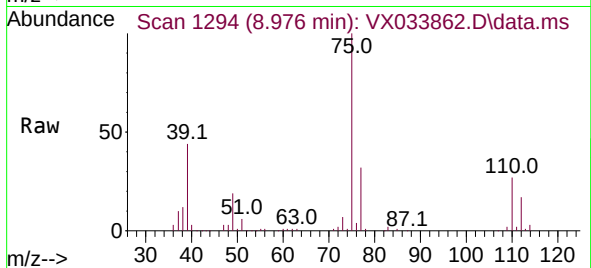
77 31.8 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2023

Supervised By :Mahesh Dadoda 01/26/2023



#54

cis-1,3-Dichloropropene

Concen: 53.340 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX033862.D

Acq: 24 Jan 2023 11:12

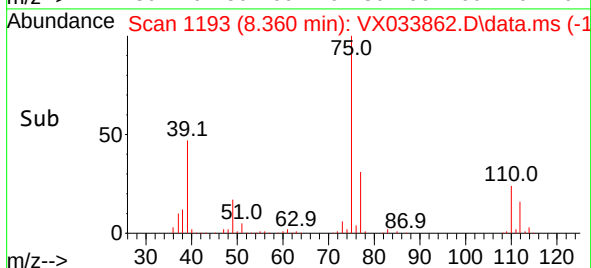
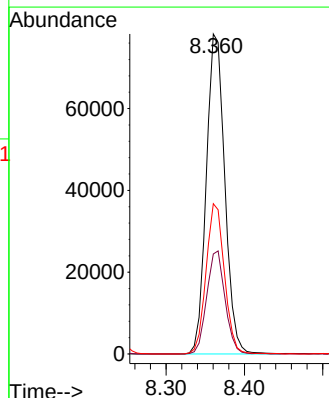
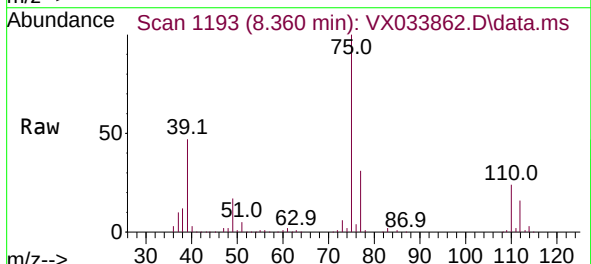
Tgt Ion: 75 Resp: 128126

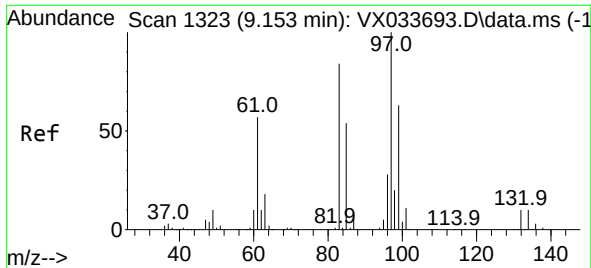
Ion Ratio Lower Upper

75 100

77 31.2 25.0 37.6

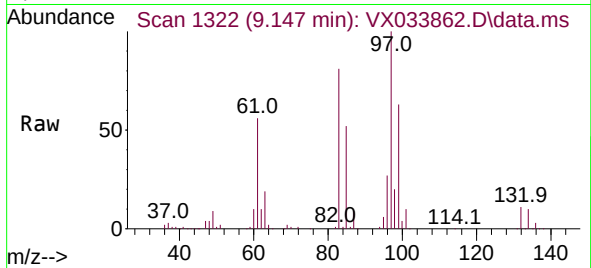
39 47.0 38.6 58.0





#55
1,1,2-Trichloroethane
Concen: 50.580 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX033862.D
Acq: 24 Jan 2023 11:12

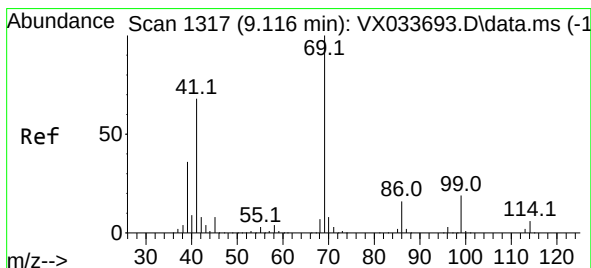
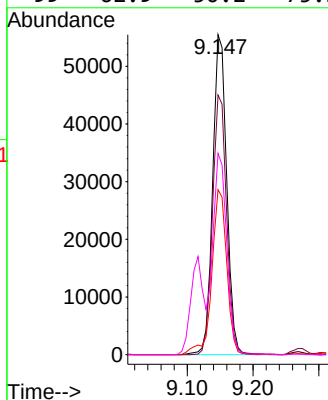
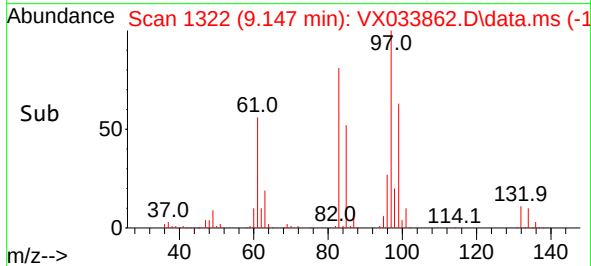
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



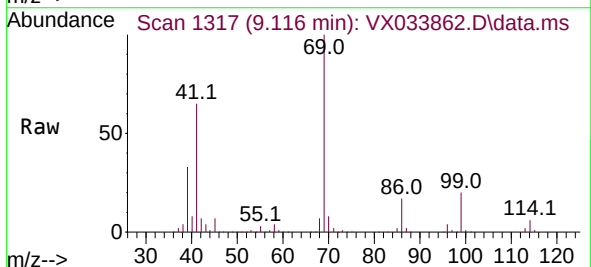
Tgt Ion: 97 Resp: 8219
Ion Ratio Lower Upper
97 100
83 81.1 67.4 101.0
85 51.6 43.2 64.8
99 62.9 50.2 75.2

Manual Integrations
APPROVED

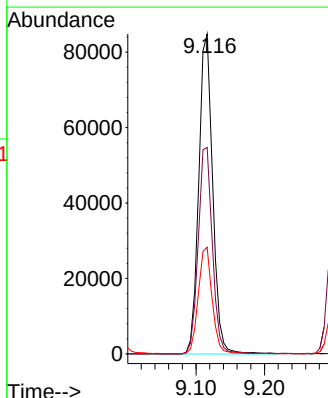
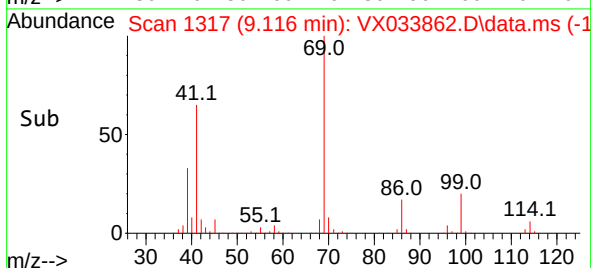
Reviewed By :John Carlone 01/25/2023
Supervised By :Mahesh Dadoda 01/26/2023

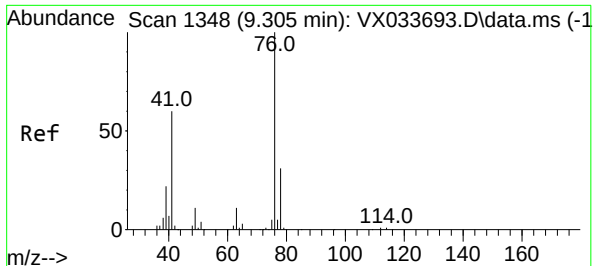


#56
Ethyl methacrylate
Concen: 52.602 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX033862.D
Acq: 24 Jan 2023 11:12



Tgt Ion: 69 Resp: 120295
Ion Ratio Lower Upper
69 100
41 66.0 55.1 82.7
39 33.6 28.5 42.7





#57

1,3-Dichloropropane

Concen: 50.523 ug/l

RT: 9.305 min Scan# 113124

Delta R.T. -0.000 min

Lab File: VX033862.D

Acq: 24 Jan 2023 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 133124

Ion Ratio Lower Upper

76 100

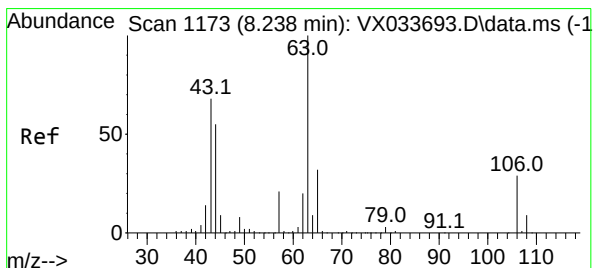
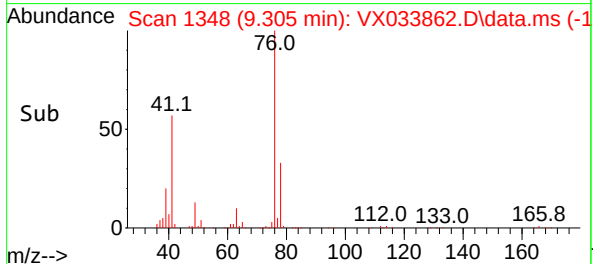
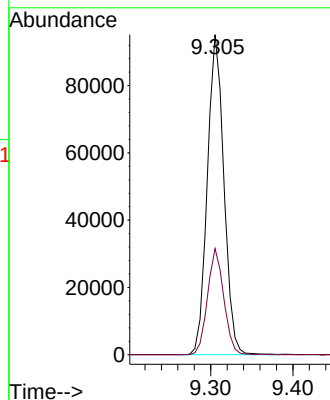
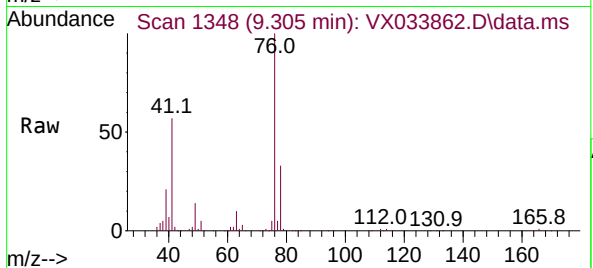
78 32.5 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2023

Supervised By :Mahesh Dadoda 01/26/2023



#58

2-Chloroethyl Vinyl ether

Concen: 238.237 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX033862.D

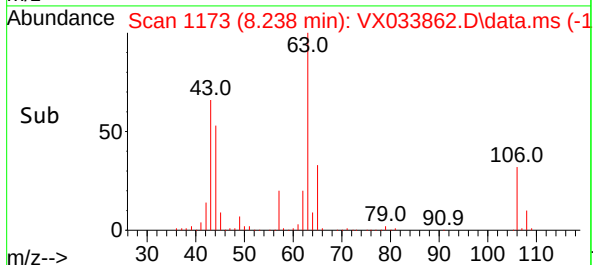
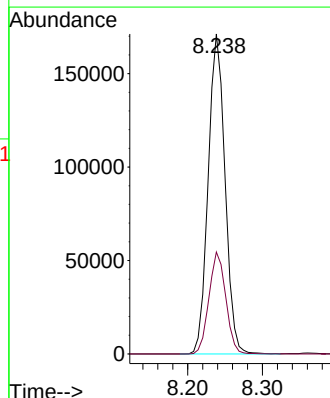
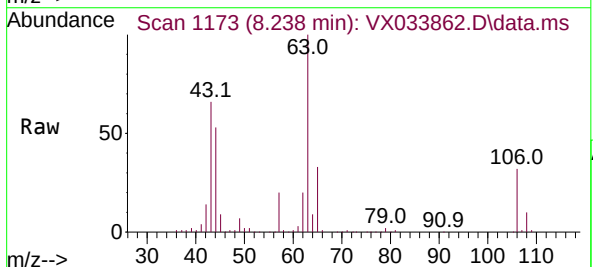
Acq: 24 Jan 2023 11:12

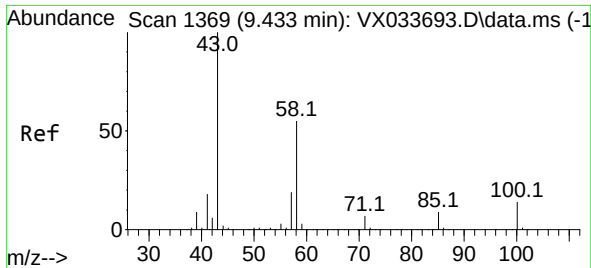
Tgt Ion: 63 Resp: 268318

Ion Ratio Lower Upper

63 100

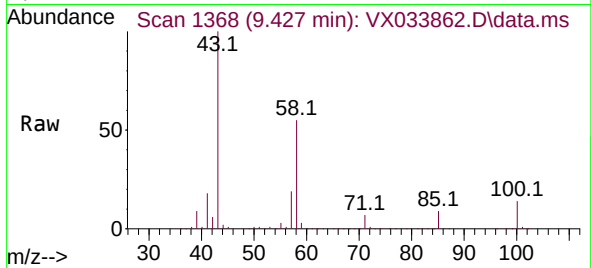
106 31.8 24.5 36.7





#59
2-Hexanone
Concen: 253.511 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX033862.D
Acq: 24 Jan 2023 11:12

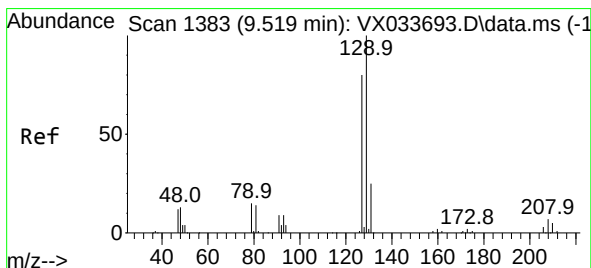
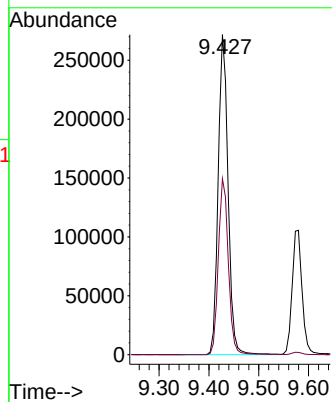
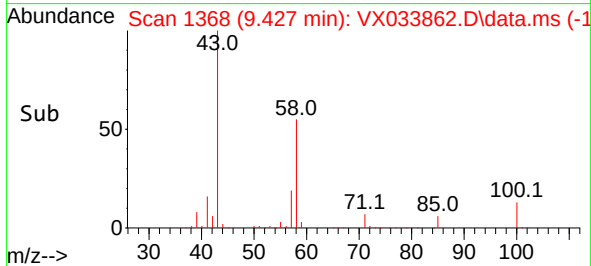
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 37310
Ion Ratio Lower Upper
43 100
58 55.7 27.4 82.0

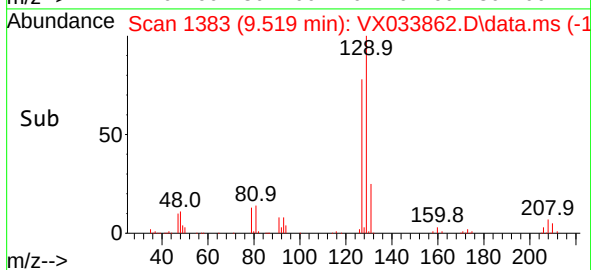
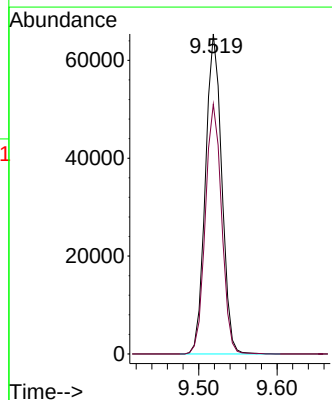
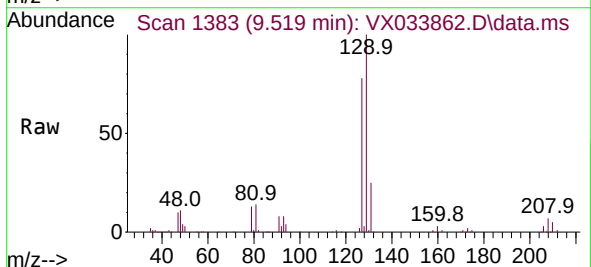
Manual Integrations
APPROVED

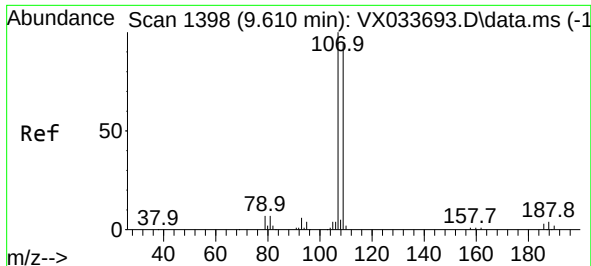
Reviewed By :John Carlone 01/25/2023
Supervised By :Mahesh Dadoda 01/26/2023



#60
Dibromochloromethane
Concen: 55.938 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX033862.D
Acq: 24 Jan 2023 11:12

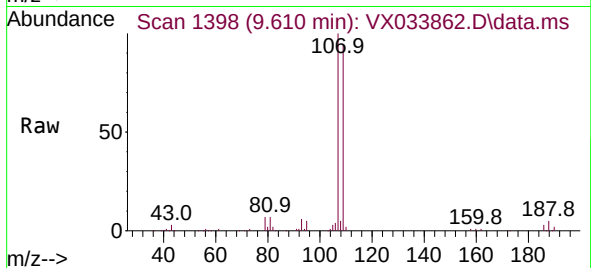
Tgt Ion:129 Resp: 94237
Ion Ratio Lower Upper
129 100
127 77.9 38.8 116.3





#61
1,2-Dibromoethane
Concen: 52.694 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX033862.D
Acq: 24 Jan 2023 11:12

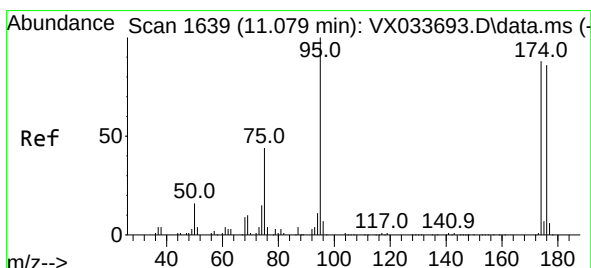
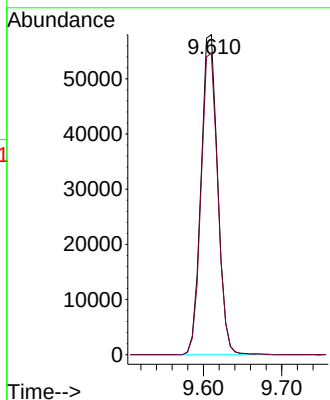
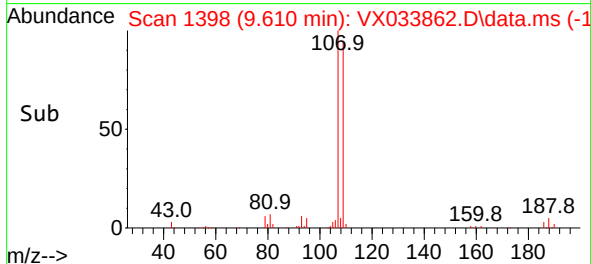
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



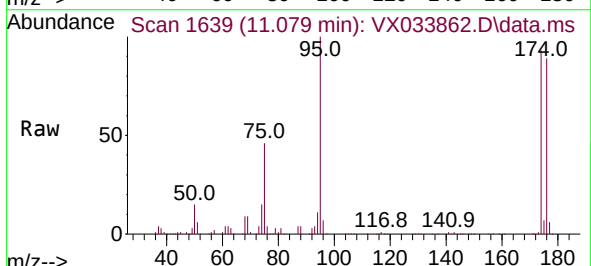
Tgt Ion:107 Resp: 85454
Ion Ratio Lower Upper
107 100
109 95.1 74.2 111.2

Manual Integrations
APPROVED

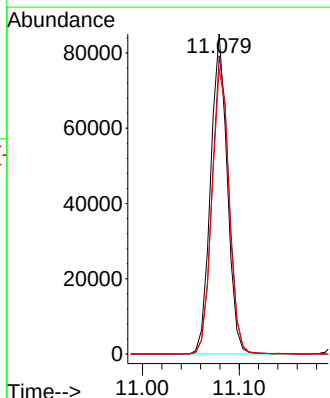
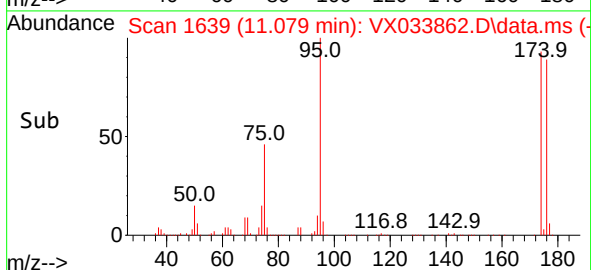
Reviewed By :John Carlone 01/25/2023
Supervised By :Mahesh Dadoda 01/26/2023

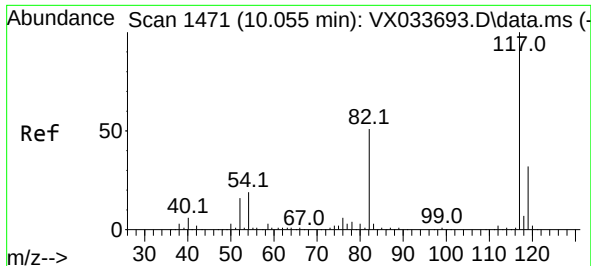


#62
4-Bromofluorobenzene
Concen: 50.324 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033862.D
Acq: 24 Jan 2023 11:12



Tgt Ion: 95 Resp: 101731
Ion Ratio Lower Upper
95 100
174 95.2 0.0 184.4
176 91.8 0.0 178.8





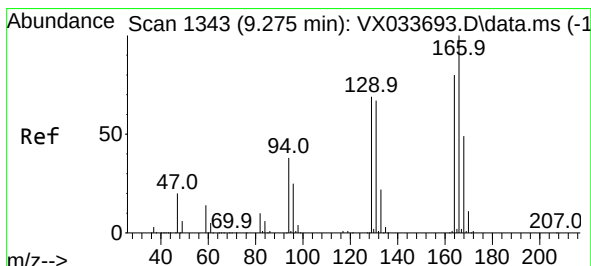
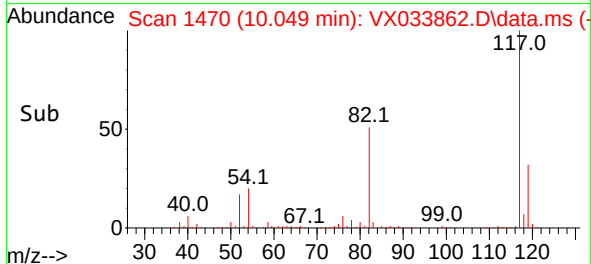
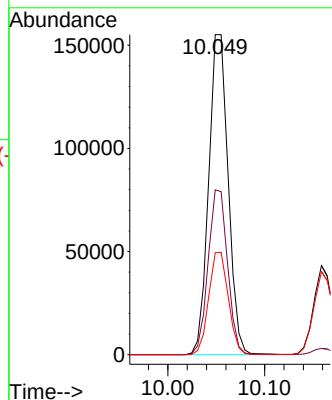
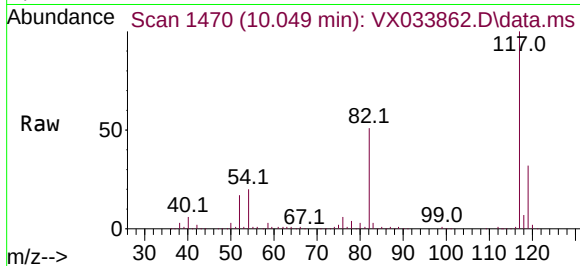
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX033862.D
Acq: 24 Jan 2023 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 21731
Ion Ratio Lower Upper
117 100
82 51.5 40.6 60.8
119 31.8 25.6 38.4

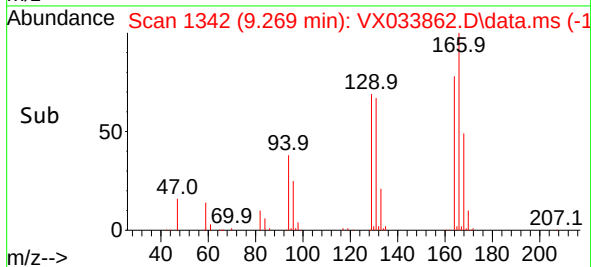
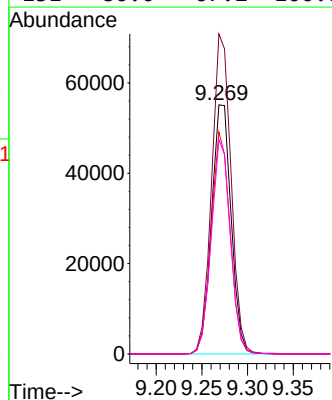
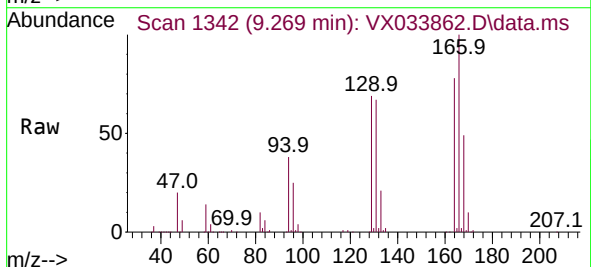
Manual Integrations
APPROVED

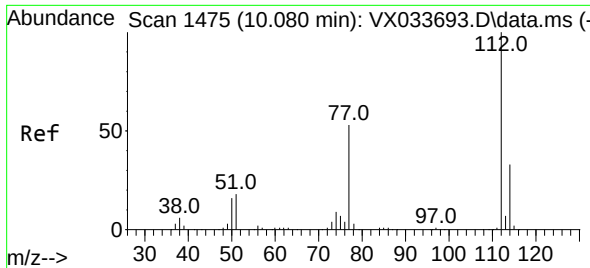
Reviewed By :John Carlone 01/25/2023
Supervised By :Mahesh Dadoda 01/26/2023



#64
Tetrachloroethene
Concen: 53.854 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX033862.D
Acq: 24 Jan 2023 11:12

Tgt Ion:164 Resp: 82218
Ion Ratio Lower Upper
164 100
166 128.4 100.2 150.2
129 89.1 69.2 103.8
131 86.0 67.2 100.8





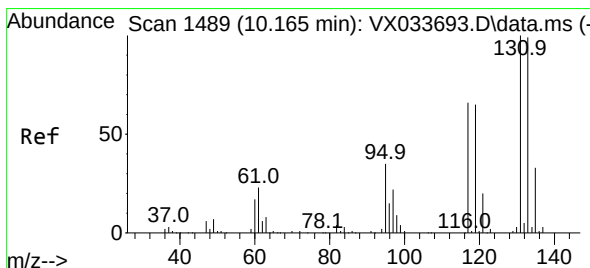
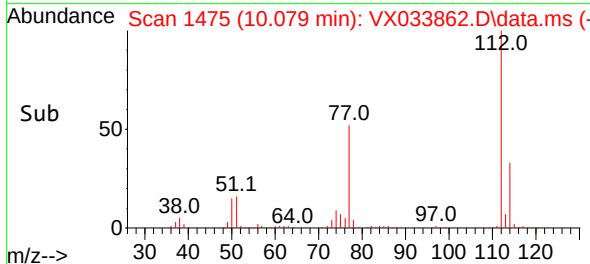
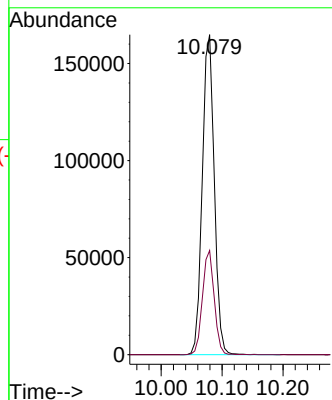
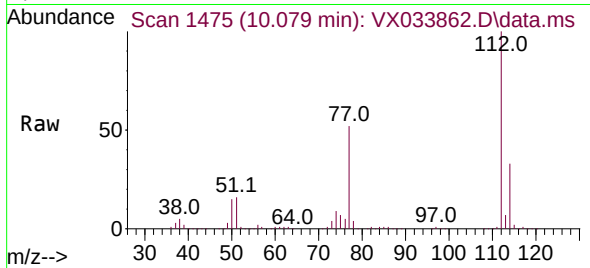
#65
Chlorobenzene
Concen: 50.060 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX033862.D
Acq: 24 Jan 2023 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 225210
Ion Ratio Lower Upper
112 100
114 32.6 26.2 39.4

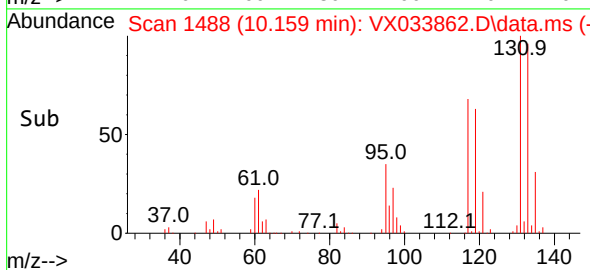
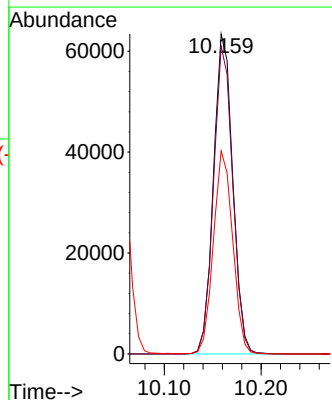
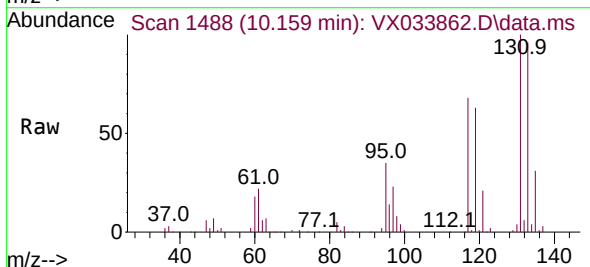
Manual Integrations
APPROVED

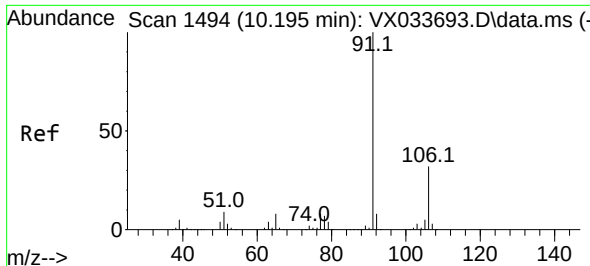
Reviewed By :John Carlone 01/25/2023
Supervised By :Mahesh Dadoda 01/26/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 52.936 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX033862.D
Acq: 24 Jan 2023 11:12

Tgt Ion:131 Resp: 87644
Ion Ratio Lower Upper
131 100
133 96.0 48.4 145.0
119 63.6 31.9 95.7





#67

Ethyl Benzene

Concen: 49.500 ug/l

RT: 10.189 min Scan# 1494

Delta R.T. -0.006 min

Lab File: VX033862.D

Acq: 24 Jan 2023 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 38235

Ion Ratio Lower Upper

91 100

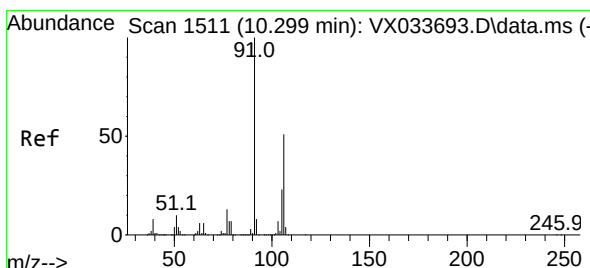
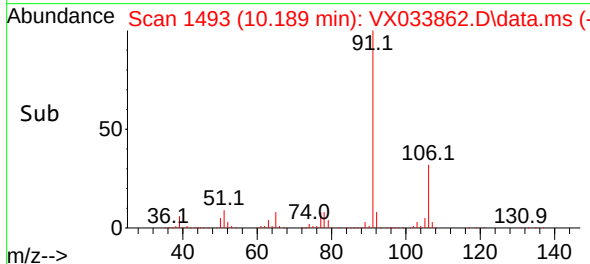
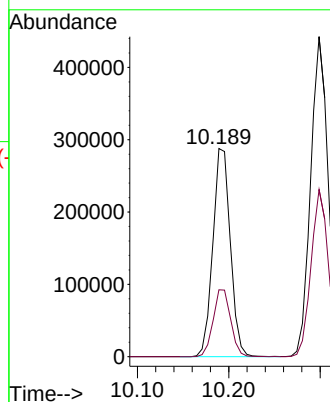
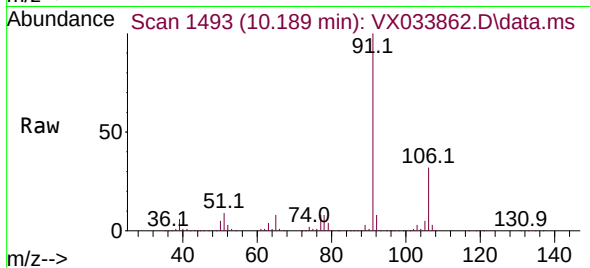
106 32.2 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2023

Supervised By :Mahesh Dadoda 01/26/2023



#68

m/p-Xylenes

Concen: 101.298 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX033862.D

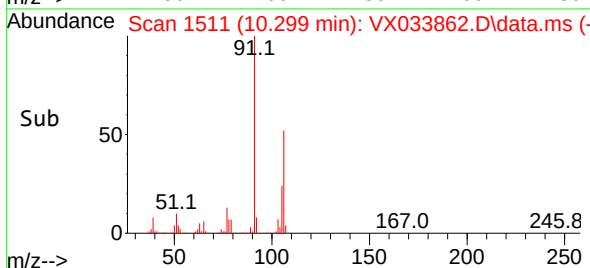
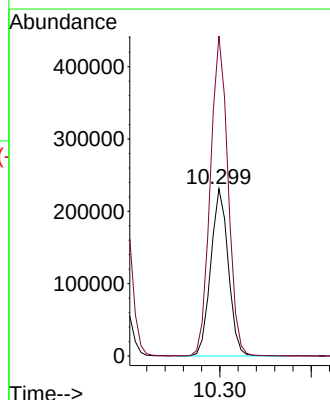
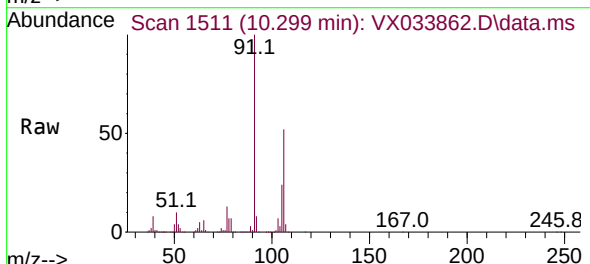
Acq: 24 Jan 2023 11:12

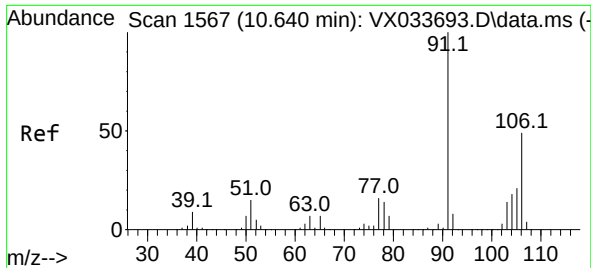
Tgt Ion:106 Resp: 306046

Ion Ratio Lower Upper

106 100

91 193.8 156.4 234.6





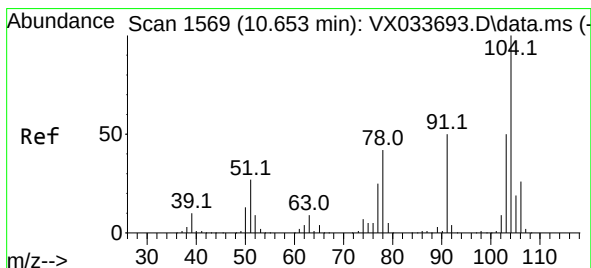
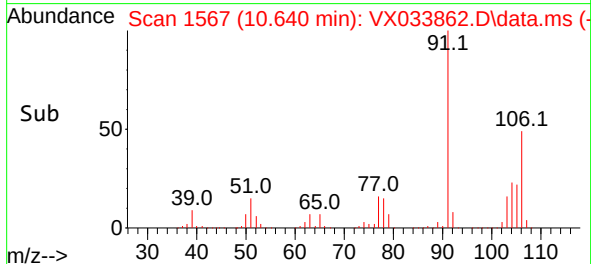
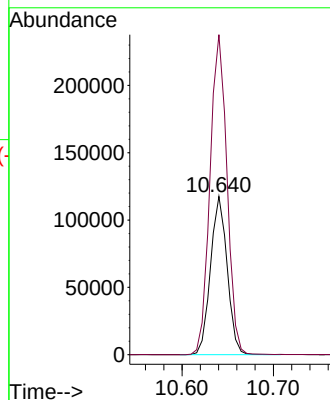
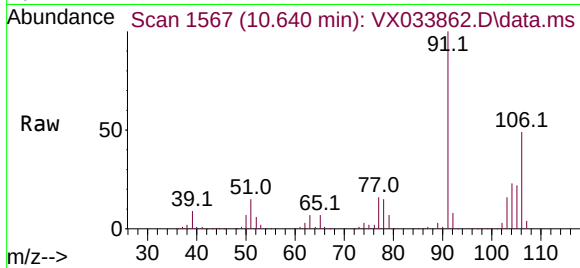
#69
o-Xylene
Concen: 49.502 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX033862.D
Acq: 24 Jan 2023 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 148318
Ion Ratio Lower Upper
106 100
91 206.4 103.1 309.3

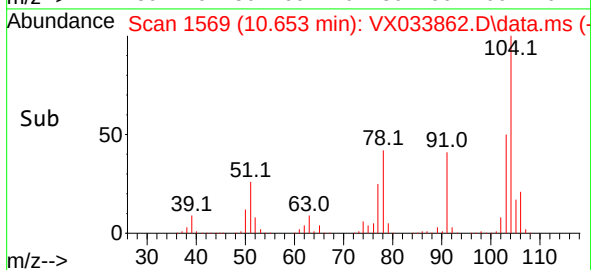
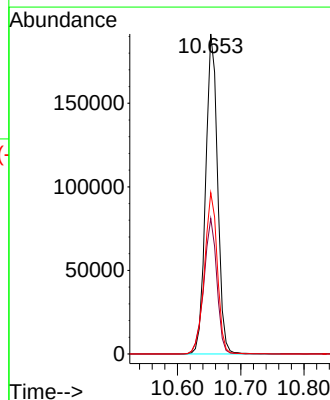
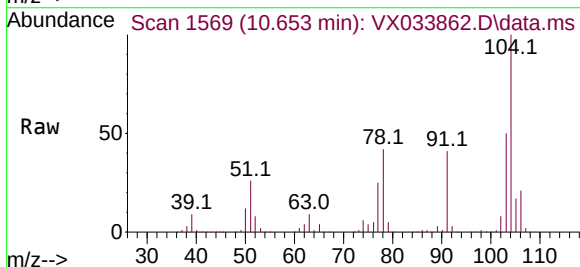
Manual Integrations
APPROVED

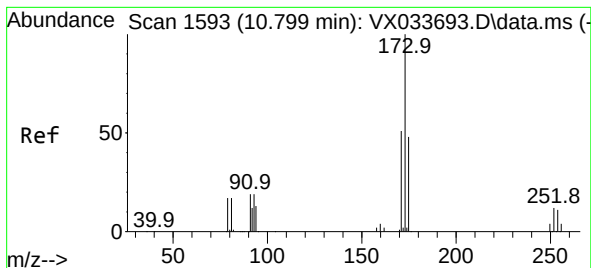
Reviewed By :John Carlone 01/25/2023
Supervised By :Mahesh Dadoda 01/26/2023



#70
Styrene
Concen: 51.693 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX033862.D
Acq: 24 Jan 2023 11:12

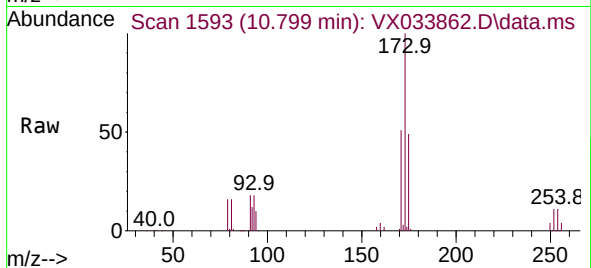
Tgt Ion:104 Resp: 251891
Ion Ratio Lower Upper
104 100
78 46.0 37.5 56.3
103 54.4 43.3 64.9





#71
Bromoform
Concen: 55.061 ug/l
RT: 10.799 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033862.D
Acq: 24 Jan 2023 11:12

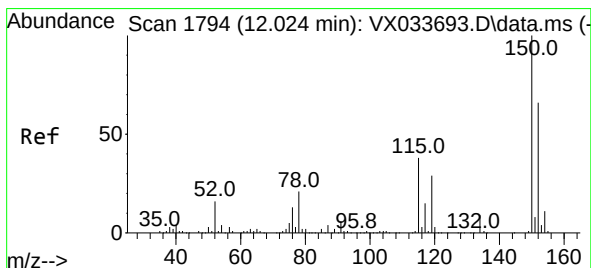
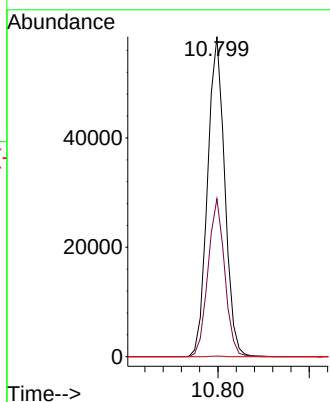
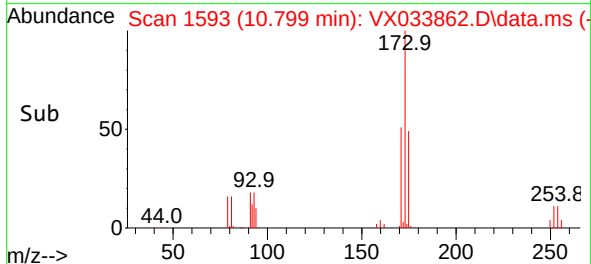
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



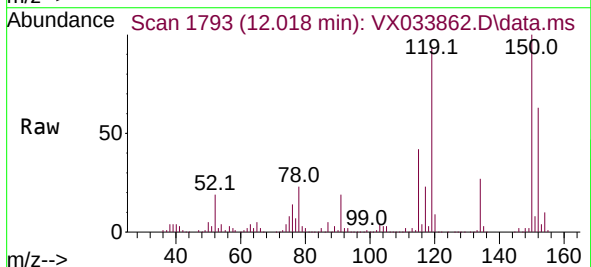
Tgt Ion:173 Resp: 76390
Ion Ratio Lower Upper
173 100
175 48.1 24.1 72.3
254 0.2 0.1 0.1

Manual Integrations
APPROVED

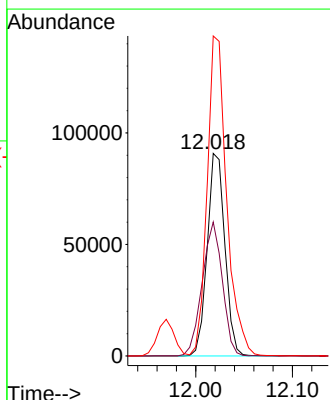
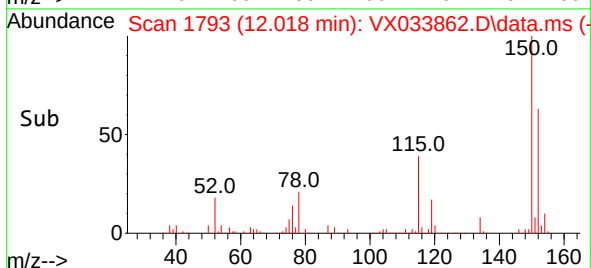
Reviewed By :John Carlone 01/25/2023
Supervised By :Mahesh Dadoda 01/26/2023

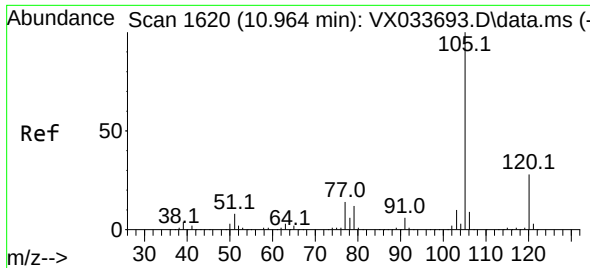


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX033862.D
Acq: 24 Jan 2023 11:12



Tgt Ion:152 Resp: 115563
Ion Ratio Lower Upper
152 100
115 75.4 38.7 116.1
150 174.4 0.0 348.2





#73
Isopropylbenzene
Concen: 51.716 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. -0.001 min
Lab File: VX033862.D
Acq: 24 Jan 2023 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

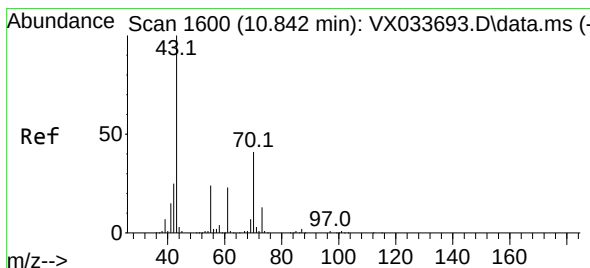
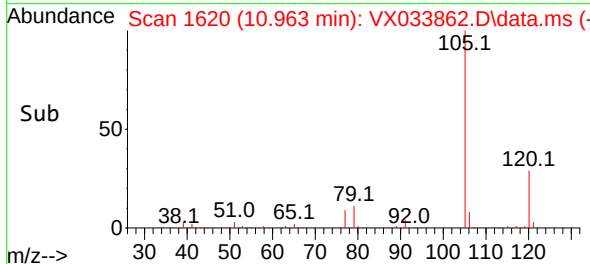
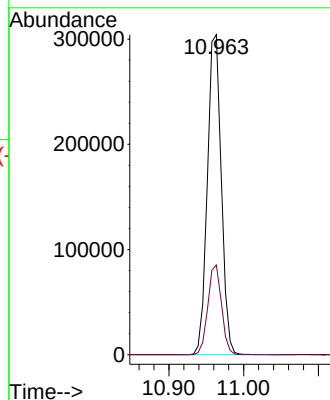
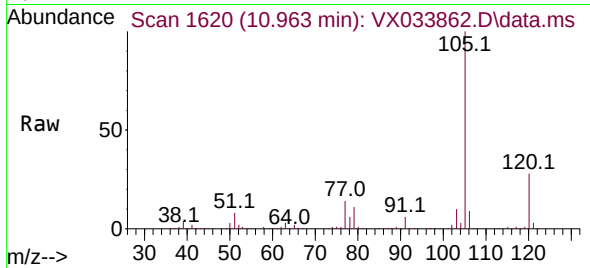
Tgt Ion:105 Resp: 392610
Ion Ratio Lower Upper
105 100
120 27.5 13.6 40.8

Manual Integrations

APPROVED

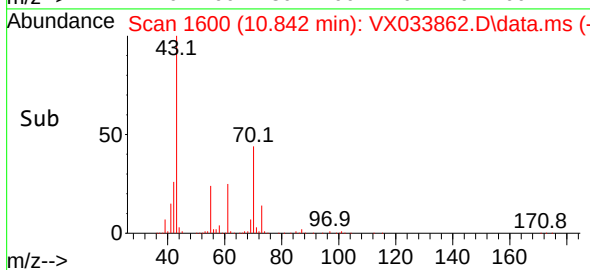
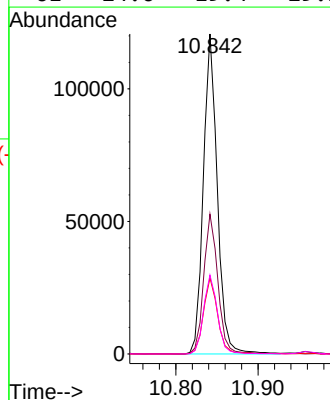
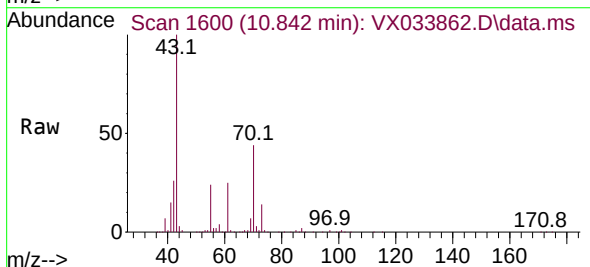
Reviewed By :John Carlone 01/25/2023

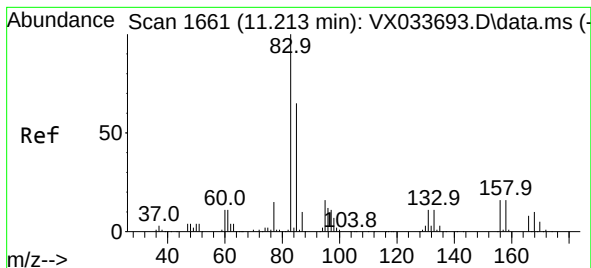
Supervised By :Mahesh Dadoda 01/26/2023



#74
N-ethyl acetate
Concen: 46.846 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX033862.D
Acq: 24 Jan 2023 11:12

Tgt Ion: 43 Resp: 142159
Ion Ratio Lower Upper
43 100
70 44.6 34.8 52.2
55 24.4 19.4 29.0
61 24.6 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 51.216 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX033862.D

Acq: 24 Jan 2023 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 11368

Ion Ratio Lower Upper

83 100

131 11.6 5.5 16.7

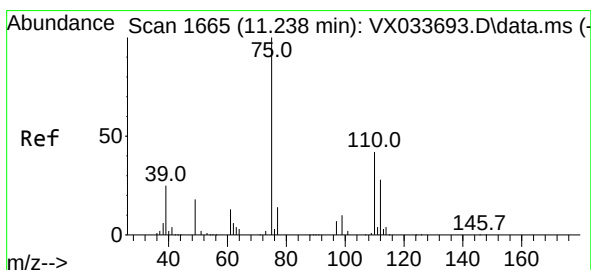
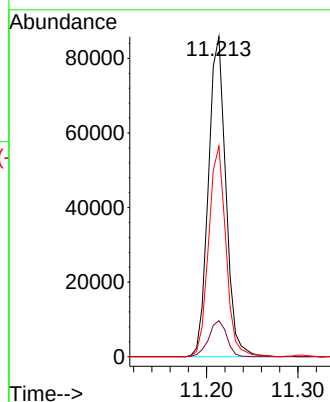
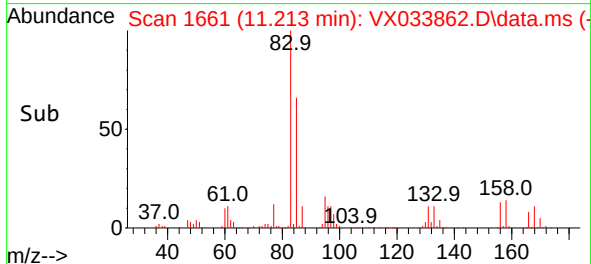
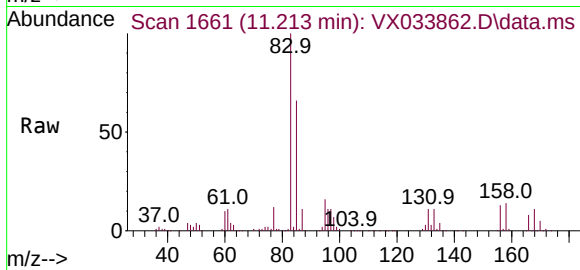
85 65.0 32.3 96.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2023

Supervised By :Mahesh Dadoda 01/26/2023



#76

1,2,3-Trichloropropane

Concen: 44.062 ug/l m

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX033862.D

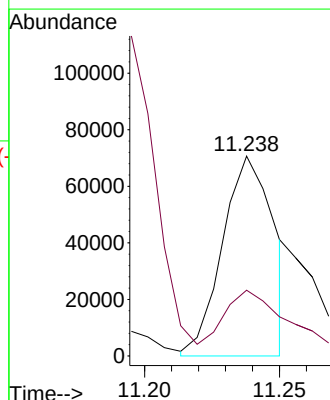
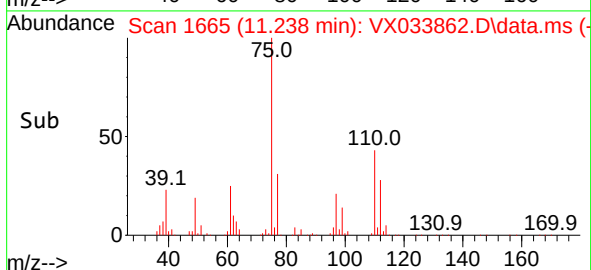
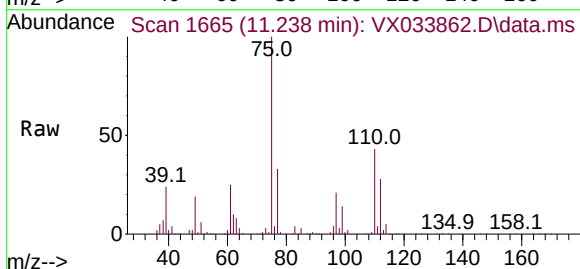
Acq: 24 Jan 2023 11:12

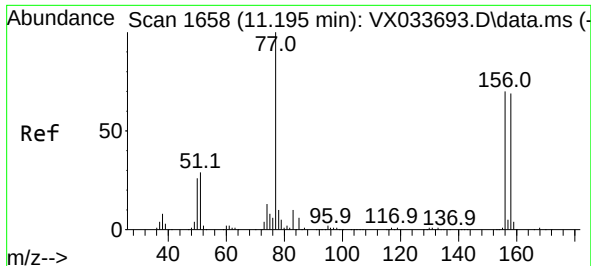
Tgt Ion: 75 Resp: 93556

Ion Ratio Lower Upper

75 100

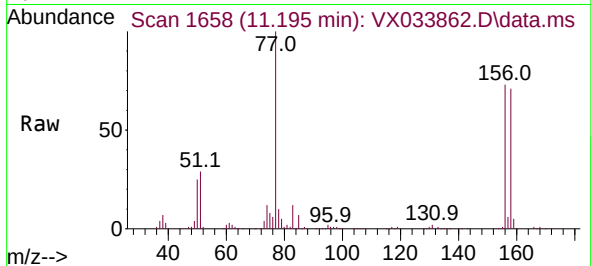
77 42.9 21.8 65.4





#77
Bromobenzene
Concen: 51.733 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX033862.D
Acq: 24 Jan 2023 11:12

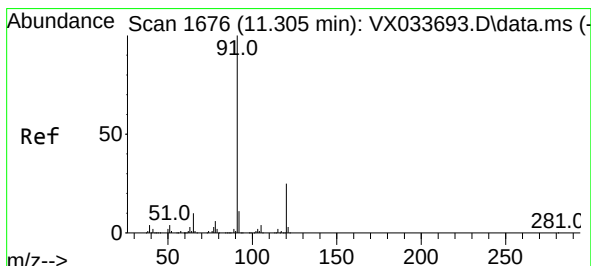
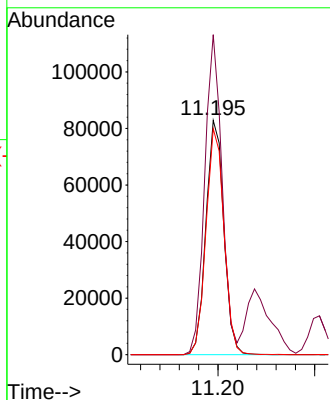
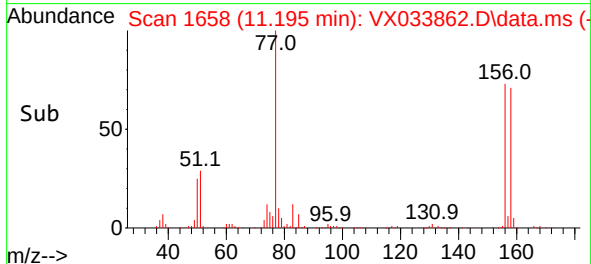
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



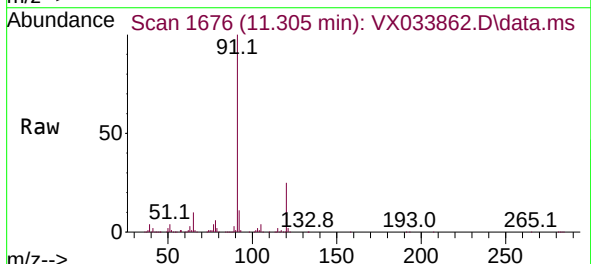
Tgt Ion:156 Resp: 105989
Ion Ratio Lower Upper
156 100
77 132.4 68.1 204.3
158 97.3 48.0 144.2

Manual Integrations
APPROVED

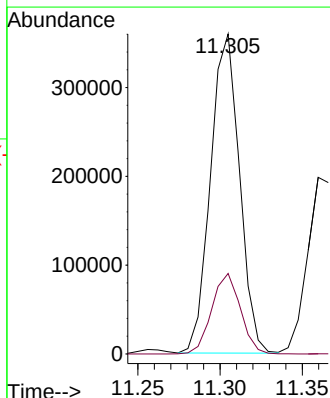
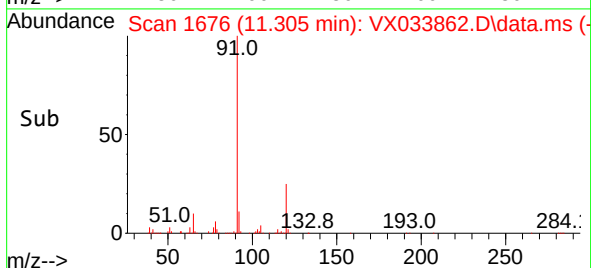
Reviewed By :John Carlone 01/25/2023
Supervised By :Mahesh Dadoda 01/26/2023

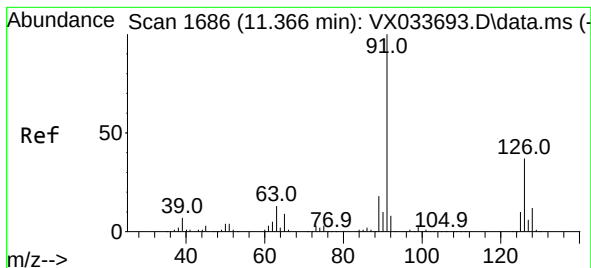


#78
n-propylbenzene
Concen: 46.707 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX033862.D
Acq: 24 Jan 2023 11:12



Tgt Ion: 91 Resp: 440440
Ion Ratio Lower Upper
91 100
120 25.0 12.3 36.8





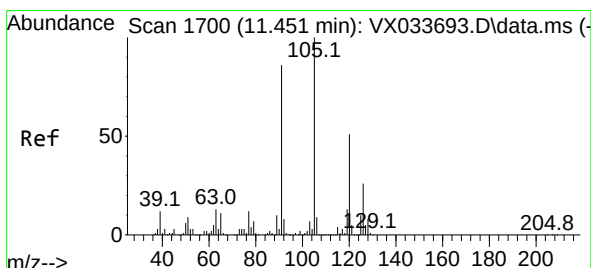
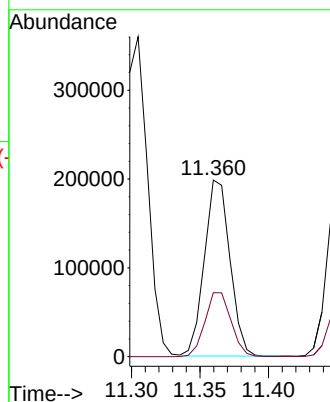
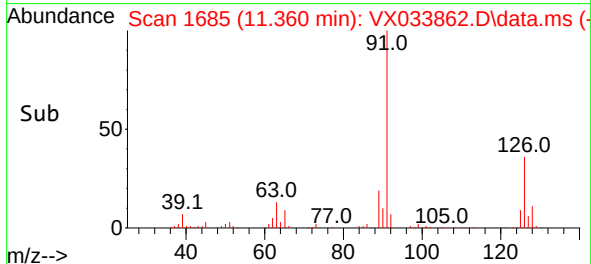
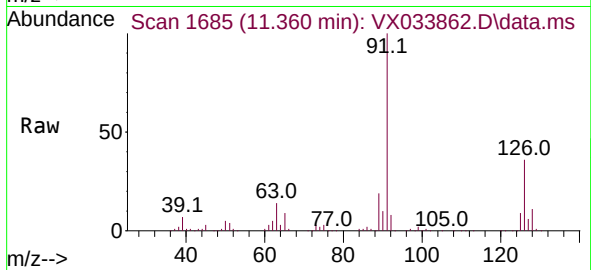
#79
2-Chlorotoluene
Concen: 50.625 ug/l
RT: 11.360 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VX033862.D
Acq: 24 Jan 2023 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 25770
Ion Ratio Lower Upper
91 100
126 37.2 18.1 54.1

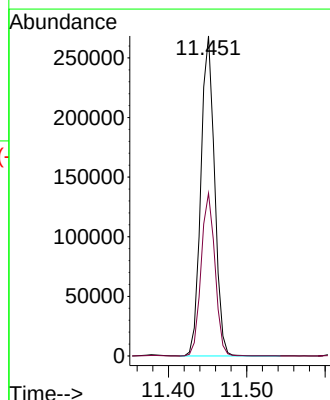
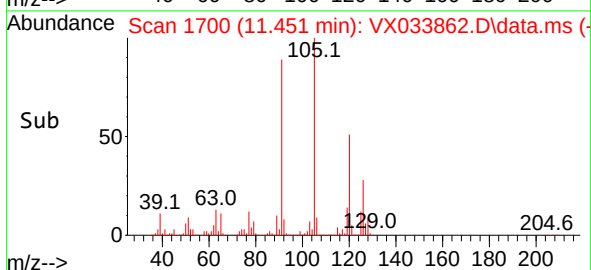
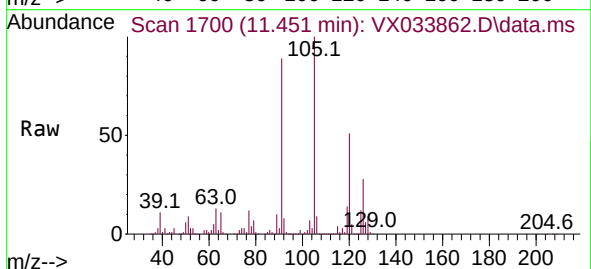
Manual Integrations
APPROVED

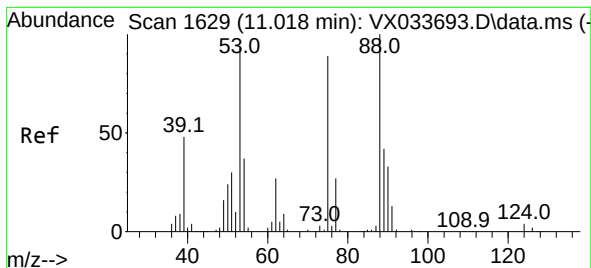
Reviewed By :John Carlone 01/25/2023
Supervised By :Mahesh Dadoda 01/26/2023



#80
1,3,5-Trimethylbenzene
Concen: 47.037 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX033862.D
Acq: 24 Jan 2023 11:12

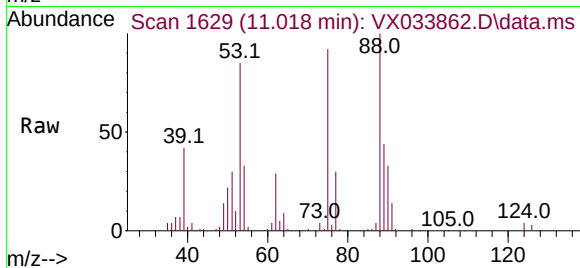
Tgt Ion:105 Resp: 327086
Ion Ratio Lower Upper
105 100
120 51.3 25.6 76.8





#81
trans-1,4-Dichloro-2-butene
Concen: 50.915 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX033862.D
Acq: 24 Jan 2023 11:12

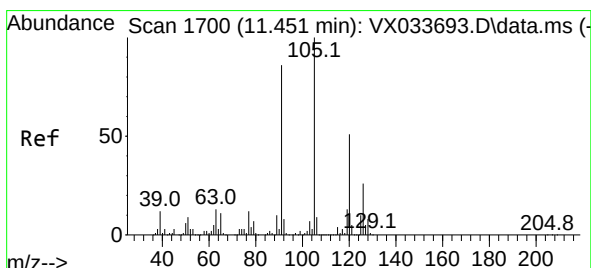
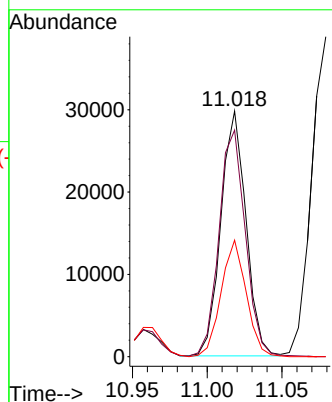
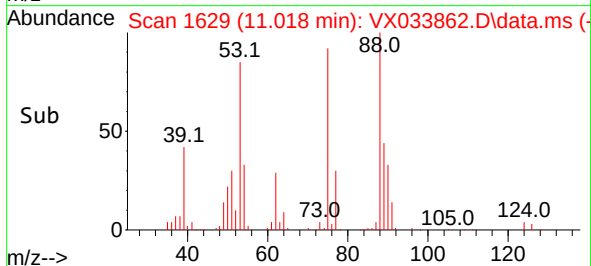
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 3478
Ion Ratio Lower Upper
75 100
53 97.5 83.0 124.6
89 47.7 37.7 56.5

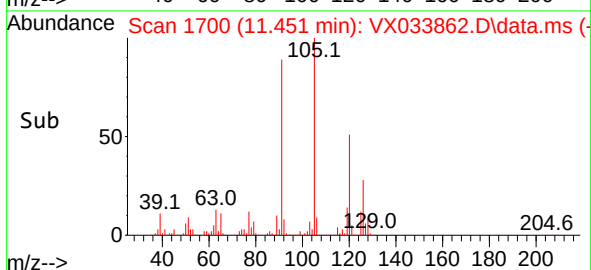
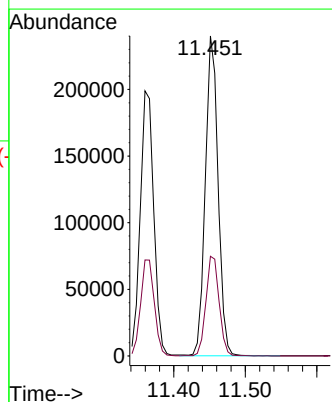
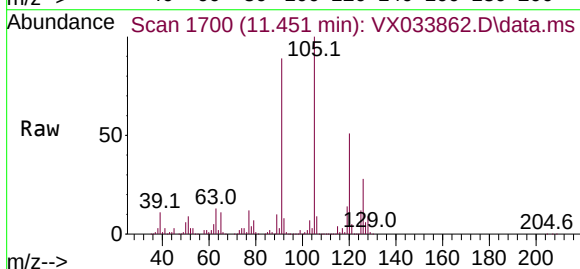
Manual Integrations
APPROVED

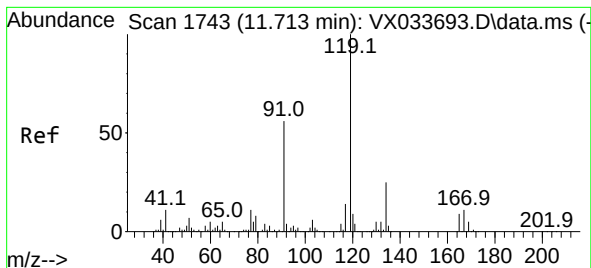
Reviewed By :John Carlone 01/25/2023
Supervised By :Mahesh Dadoda 01/26/2023



#82
4-Chlorotoluene
Concen: 51.173 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033862.D
Acq: 24 Jan 2023 11:12

Tgt Ion: 91 Resp: 297956
Ion Ratio Lower Upper
91 100
126 32.4 15.8 47.4





#83

tert-Butylbenzene

Concen: 48.954 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX033862.D

Acq: 24 Jan 2023 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 337999

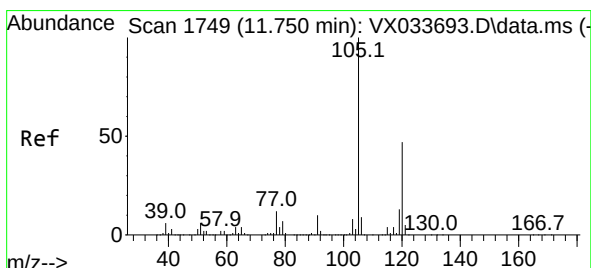
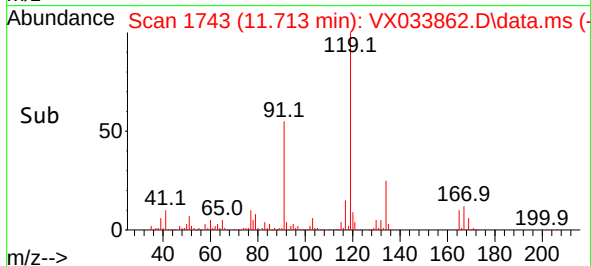
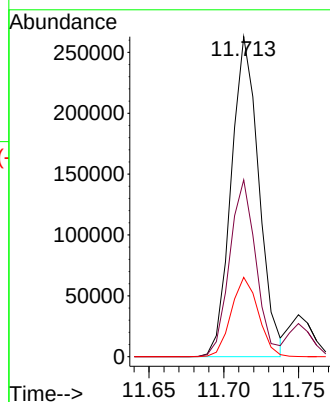
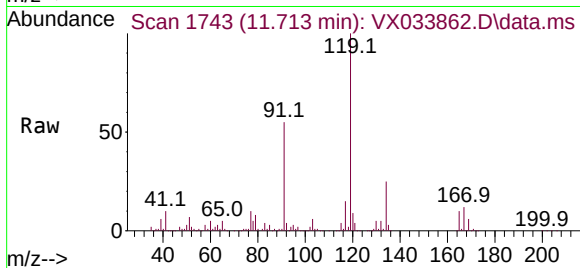
Ion	Ratio	Lower	Upper
119	100		
91	52.9	26.9	80.7
134	24.3	12.3	36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2023

Supervised By :Mahesh Dadoda 01/26/2023



#84

1,2,4-Trimethylbenzene

Concen: 49.190 ug/l

RT: 11.750 min Scan# 1749

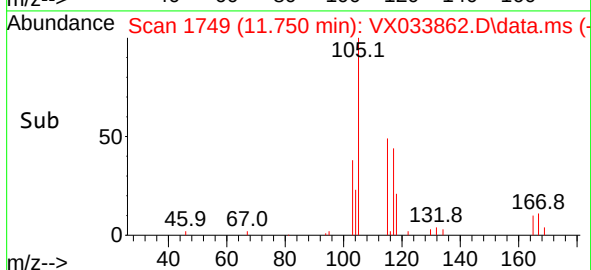
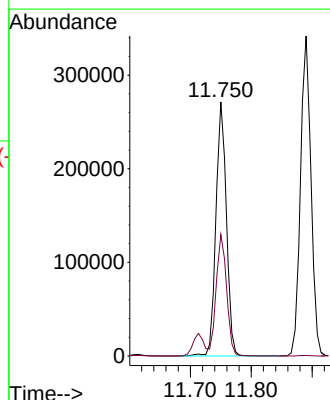
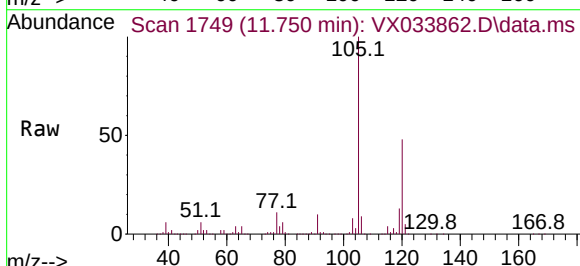
Delta R.T. -0.000 min

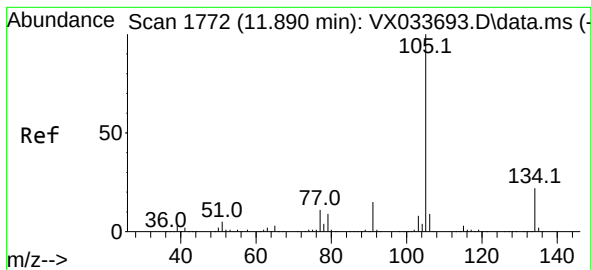
Lab File: VX033862.D

Acq: 24 Jan 2023 11:12

Tgt Ion:105 Resp: 323564

Ion	Ratio	Lower	Upper
105	100		
120	47.0	23.4	70.2





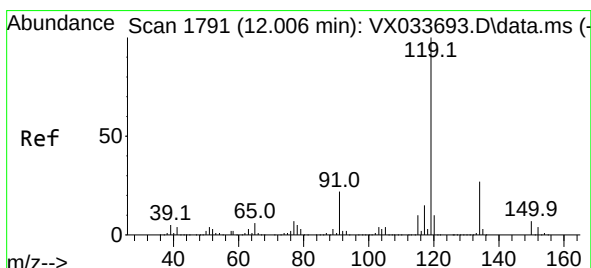
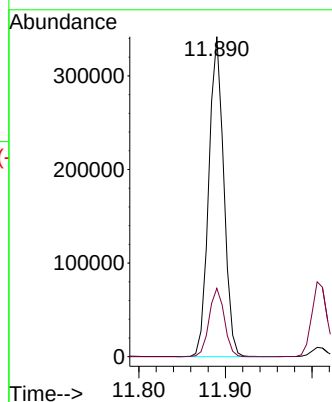
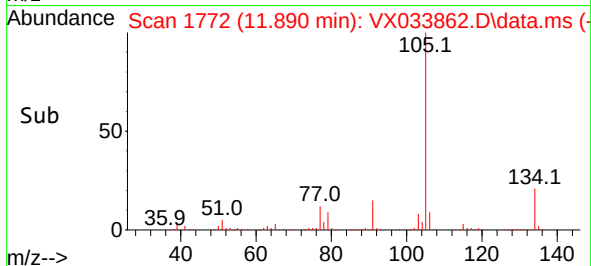
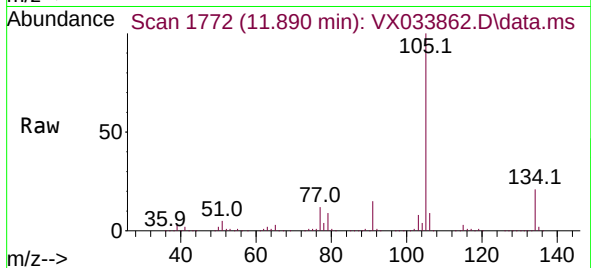
#85
 sec-Butylbenzene
 Concen: 49.624 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX033862.D
 Acq: 24 Jan 2023 11:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 409810
 Ion Ratio Lower Upper
 105 100
 134 21.8 10.8 32.3

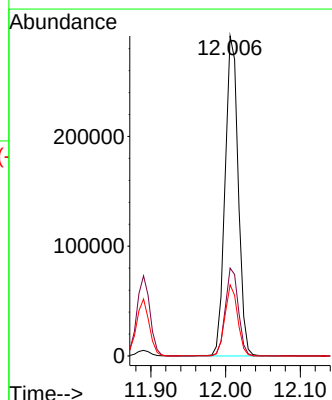
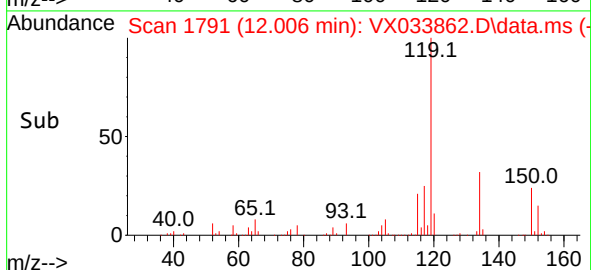
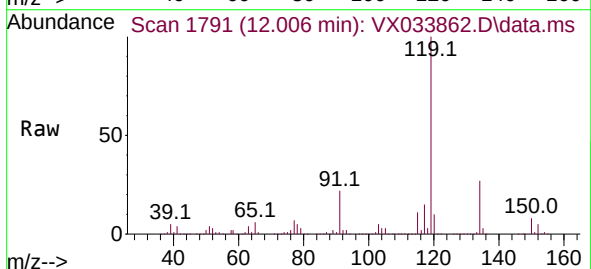
Manual Integrations
 APPROVED

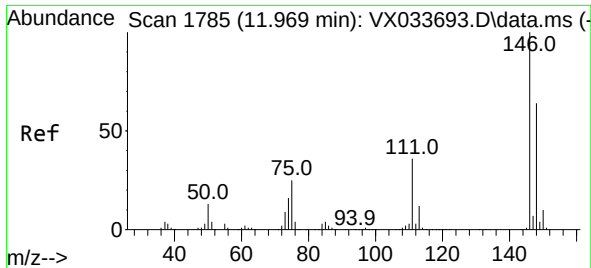
Reviewed By :John Carlone 01/25/2023
 Supervised By :Mahesh Dadoda 01/26/2023



#86
 p-Isopropyltoluene
 Concen: 50.556 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX033862.D
 Acq: 24 Jan 2023 11:12

Tgt Ion:119 Resp: 357450
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.6 40.8
 91 21.6 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 49.522 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX033862.D

Acq: 24 Jan 2023 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 19337

Ion Ratio Lower Upper

146 100

111 36.8 18.6 55.6

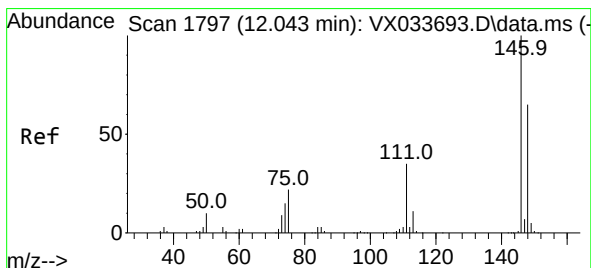
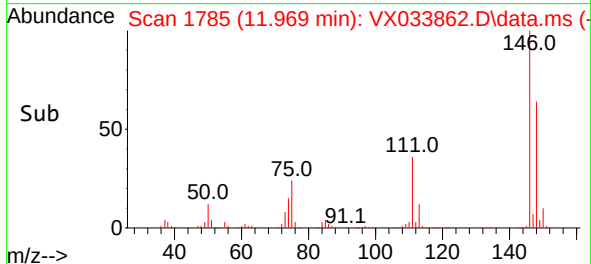
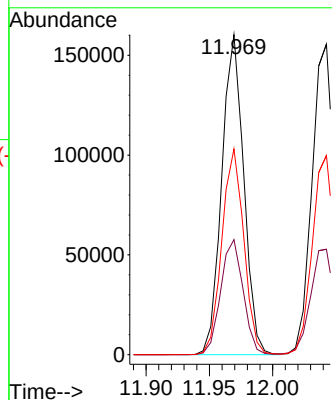
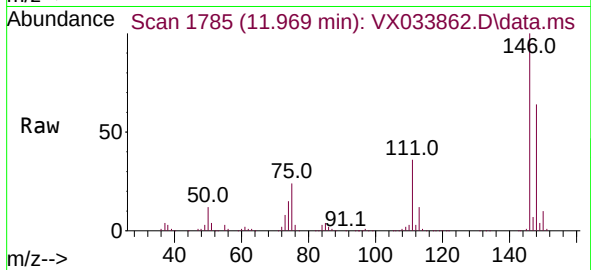
148 64.3 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2023

Supervised By :Mahesh Dadoda 01/26/2023



#88

1,4-Dichlorobenzene

Concen: 49.182 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX033862.D

Acq: 24 Jan 2023 11:12

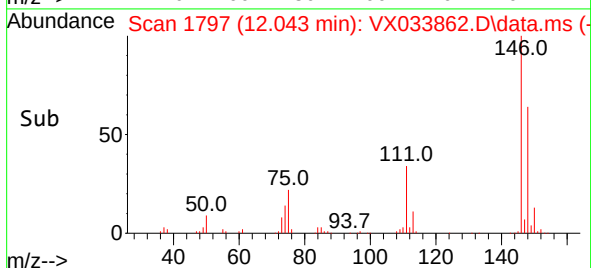
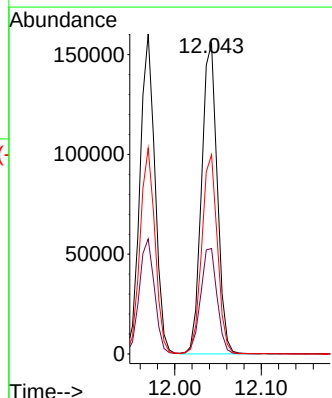
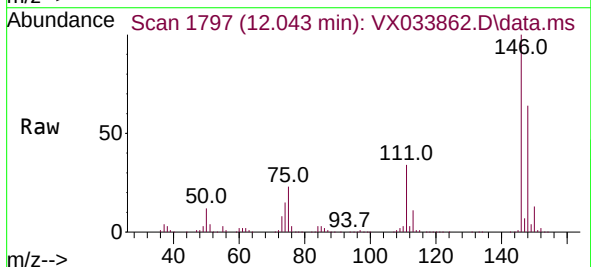
Tgt Ion:146 Resp: 195635

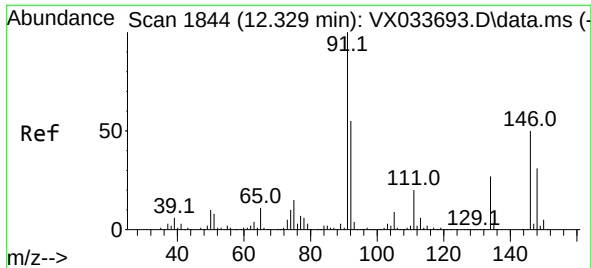
Ion Ratio Lower Upper

146 100

111 35.9 17.8 53.4

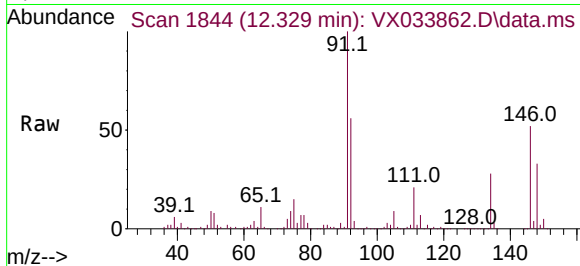
148 64.3 32.1 96.3





#89
n-Butylbenzene
Concen: 50.765 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX033862.D
Acq: 24 Jan 2023 11:12

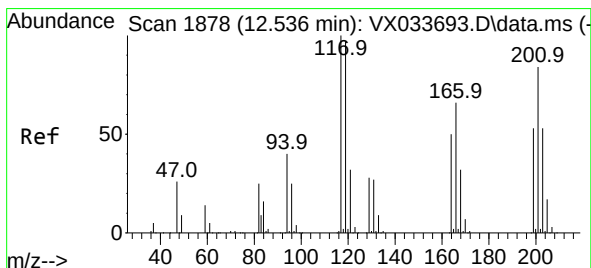
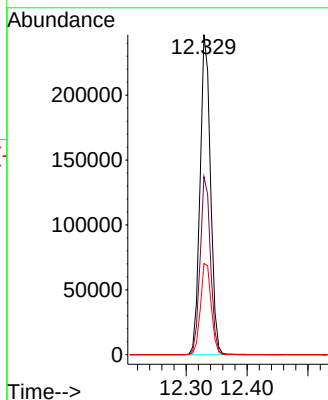
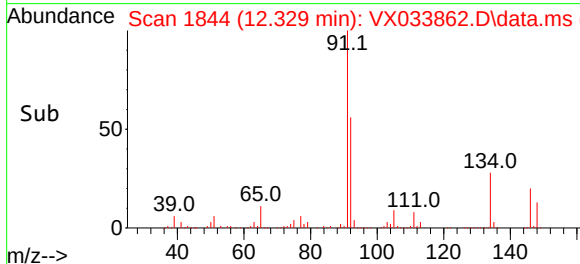
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 293638
Ion Ratio Lower Upper
91 100
92 55.3 27.5 82.5
134 29.4 14.3 42.9

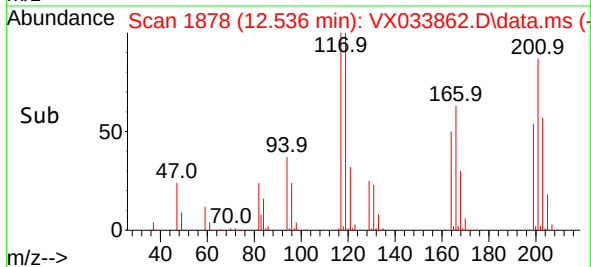
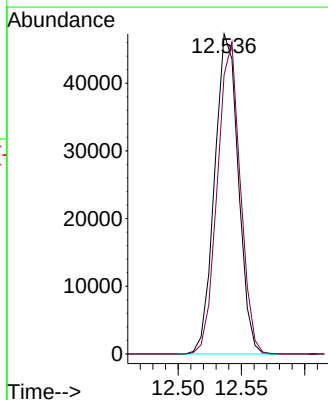
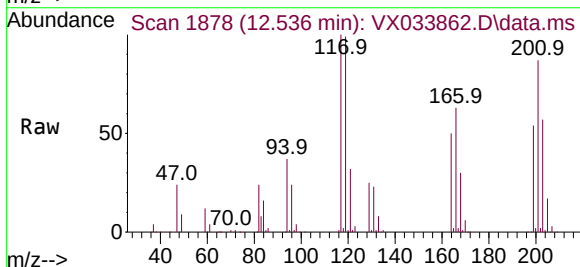
Manual Integrations
APPROVED

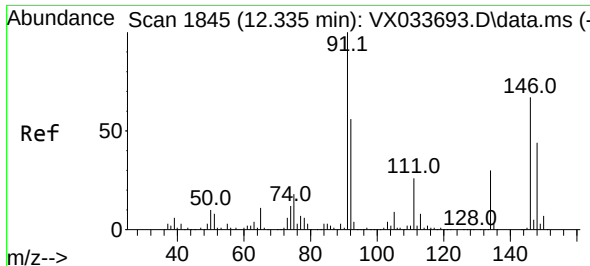
Reviewed By :John Carlone 01/25/2023
Supervised By :Mahesh Dadoda 01/26/2023



#90
Hexachloroethane
Concen: 52.779 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX033862.D
Acq: 24 Jan 2023 11:12

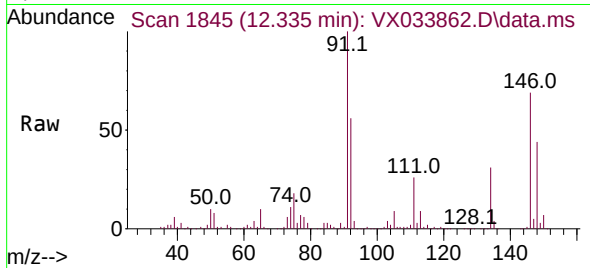
Tgt Ion:117 Resp: 61384
Ion Ratio Lower Upper
117 100
201 94.3 45.1 135.3





#91
1,2-Dichlorobenzene
Concen: 50.056 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX033862.D
Acq: 24 Jan 2023 11:12

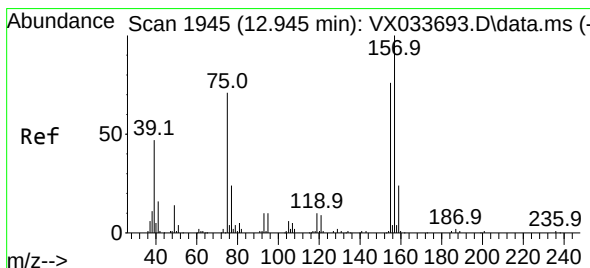
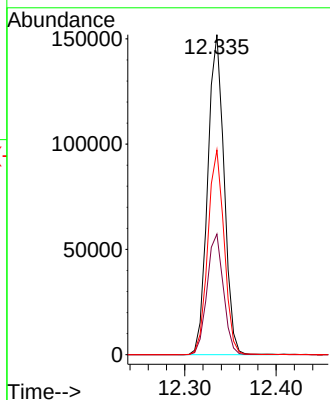
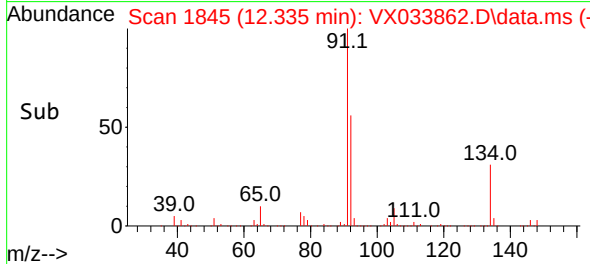
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



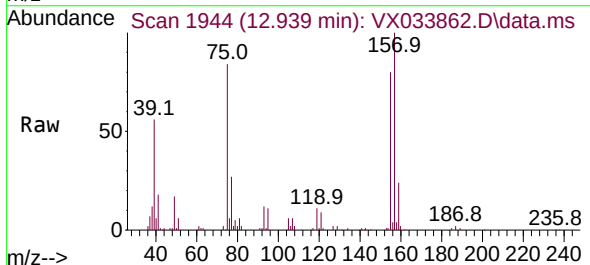
Tgt Ion:146 Resp: 18861
Ion Ratio Lower Upper
146 100
111 37.8 19.3 57.8
148 63.7 32.3 96.9

Manual Integrations
APPROVED

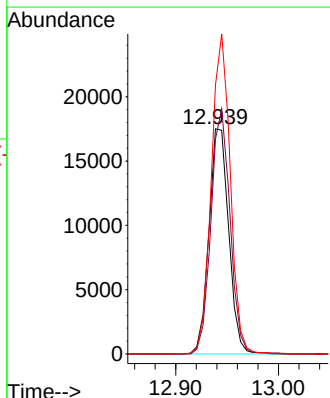
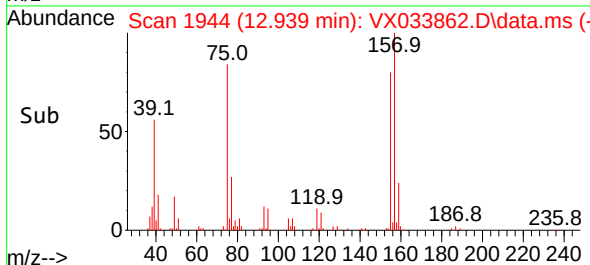
Reviewed By :John Carlone 01/25/2023
Supervised By :Mahesh Dadoda 01/26/2023

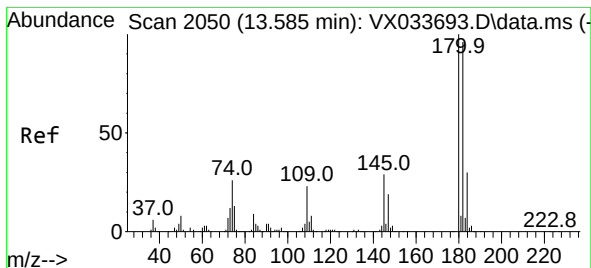


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.494 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX033862.D
Acq: 24 Jan 2023 11:12



Tgt Ion: 75 Resp: 23340
Ion Ratio Lower Upper
75 100
155 105.0 51.7 155.1
157 136.1 67.5 202.3





#93

1,2,4-Trichlorobenzene

Concen: 54.560 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX033862.D

Acq: 24 Jan 2023 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 138479

Ion Ratio Lower Upper

180 100

182 94.3 47.9 143.6

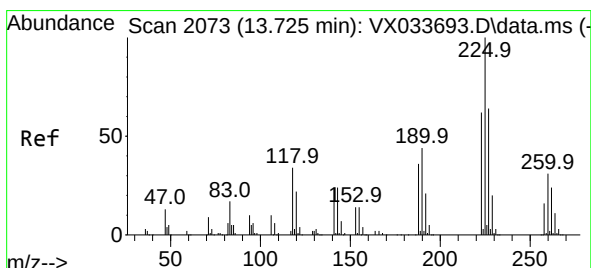
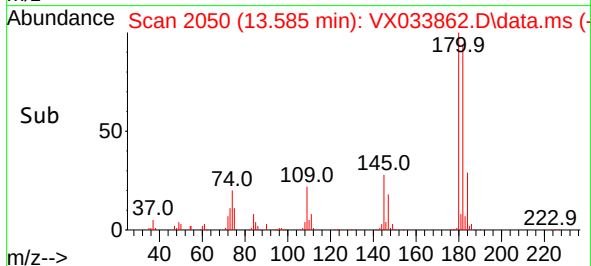
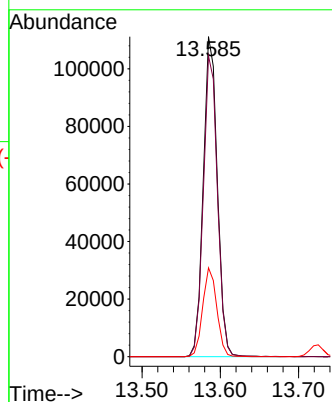
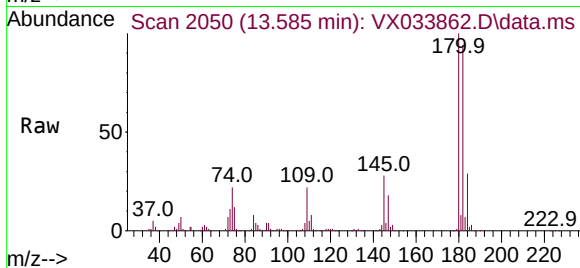
145 27.8 14.1 42.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2023

Supervised By :Mahesh Dadoda 01/26/2023



#94

Hexachlorobutadiene

Concen: 53.240 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX033862.D

Acq: 24 Jan 2023 11:12

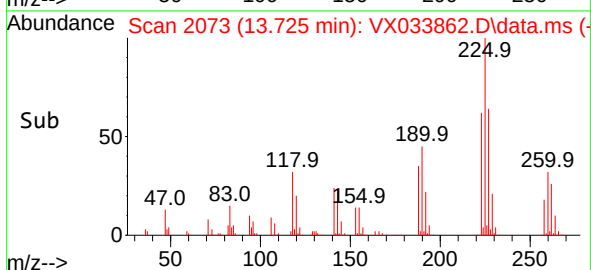
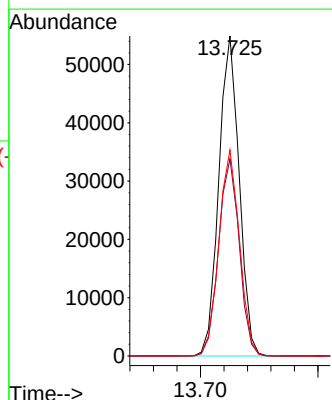
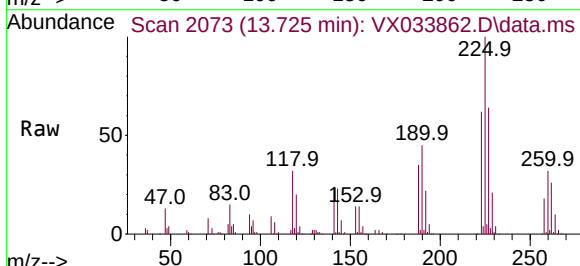
Tgt Ion:225 Resp: 66193

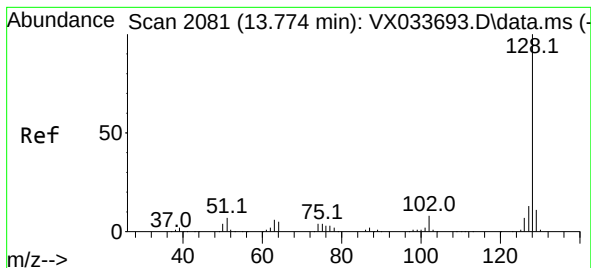
Ion Ratio Lower Upper

225 100

223 62.4 31.3 93.9

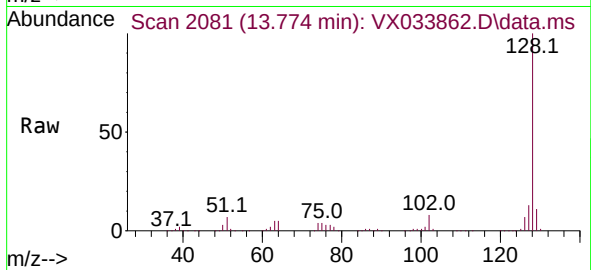
227 65.1 32.3 96.9





#95
Naphthalene
Concen: 51.436 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX033862.D
Acq: 24 Jan 2023 11:12

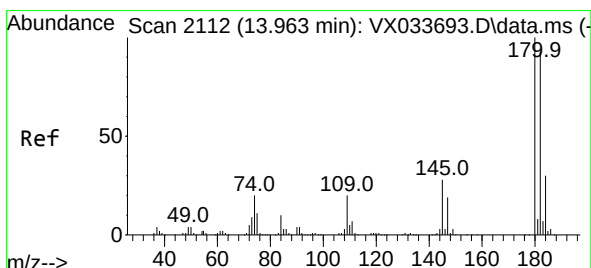
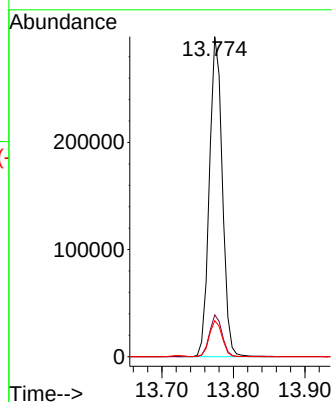
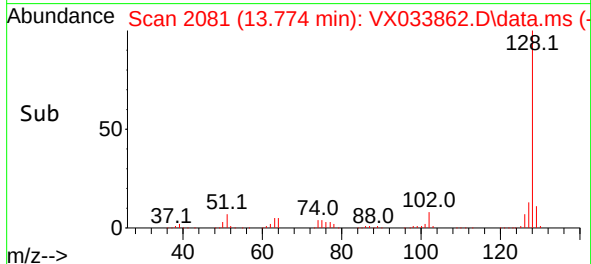
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



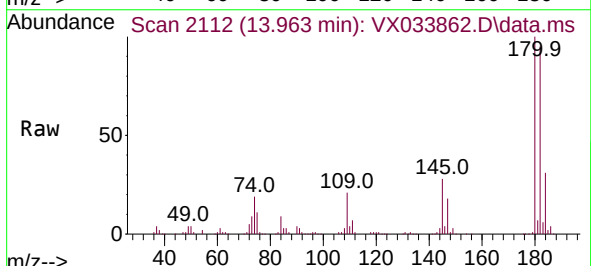
Tgt Ion:128 Resp: 375590
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/25/2023
Supervised By :Mahesh Dadoda 01/26/2023



#96
1,2,3-Trichlorobenzene
Concen: 53.310 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX033862.D
Acq: 24 Jan 2023 11:12



Tgt Ion:180 Resp: 135391
Ion Ratio Lower Upper
180 100
182 93.1 47.6 142.9
145 29.3 15.1 45.3

