

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092822\
 Data File : VX031741.D
 Acq On : 28 Sep 2022 21:07
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 29 04:34:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/29/2022
 Supervised By : Mahesh Dadoda 09/30/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	69466	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	106112	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126179	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105664	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	63819	43.286	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.580%		
35) Dibromofluoromethane	5.385	113	55968	44.266	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.540%		
50) Toluene-d8	8.653	98	206726	45.099	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.200%		
62) 4-Bromofluorobenzene	11.079	95	82546	49.133	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.260%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	36789	43.516	ug/l	96
3) Chloromethane	1.288	50	39571	53.220	ug/l	98
4) Vinyl Chloride	1.368	62	52554	45.171	ug/l	98
5) Bromomethane	1.611	94	52209	50.033	ug/l	98
6) Chloroethane	1.685	64	58904	42.369	ug/l	95
7) Trichlorofluoromethane	1.886	101	126410	44.254	ug/l	97
8) Diethyl Ether	2.130	74	42520	52.263	ug/l	73
9) 1,1,2-Trichlorotrifluo...	2.325	101	49544	53.654	ug/l	91
10) Methyl Iodide	2.453	142	53742	59.377	ug/l	97
11) Tert butyl alcohol	3.001	59	51108	272.476	ug/l	97
12) 1,1-Dichloroethene	2.319	96	42975	61.229	ug/l	89
13) Acrolein	2.239	56	24102	276.724	ug/l	98
14) Allyl chloride	2.660	41	60056	49.433	ug/l #	93
15) Acrylonitrile	3.069	53	129656	253.393	ug/l	98
16) Acetone	2.392	43	104802	311.691	ug/l	100
17) Carbon Disulfide	2.508	76	79435	51.351	ug/l	99
18) Methyl Acetate	2.709	43	66325	50.061	ug/l #	88
19) Methyl tert-butyl Ether	3.111	73	172085	52.477	ug/l	97
20) Methylene Chloride	2.788	84	54042	58.243	ug/l	86
21) trans-1,2-Dichloroethene	3.093	96	51442	50.393	ug/l	91
22) Diisopropyl ether	3.757	45	153085	48.960	ug/l #	84
23) Vinyl Acetate	3.721	43	609918	246.648	ug/l #	92
24) 1,1-Dichloroethane	3.605	63	93212	51.709	ug/l	97
25) 2-Butanone	4.562	43	171690	243.966	ug/l #	86
26) 2,2-Dichloropropane	4.477	77	68152	46.581	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	65441	52.344	ug/l	85
28) Bromochloromethane	4.897	49	38749	45.951	ug/l #	70
29) Tetrahydrofuran	5.013	42	109521	247.733	ug/l #	83
30) Chloroform	5.099	83	117748	53.098	ug/l	93
31) Cyclohexane	5.471	56	70994	50.643	ug/l	90
32) 1,1,1-Trichloroethane	5.385	97	101836	55.446	ug/l	97
36) 1,1-Dichloropropene	5.690	75	73493	50.615	ug/l	97
37) Ethyl Acetate	4.715	43	69461	47.427	ug/l	96
38) Carbon Tetrachloride	5.678	117	89523	54.707	ug/l	96
39) Methylcyclohexane	7.379	83	84867	51.298	ug/l	91
40) Benzene	6.038	78	225000	50.453	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	36292	48.698	ug/l #	87
42) 1,2-Dichloroethane	6.086	62	87707	50.853	ug/l	98
43) Isopropyl Acetate	6.342	43	111882	48.537	ug/l #	93
44) Trichloroethene	7.123	130	66615	52.885	ug/l	90
45) 1,2-Dichloropropane	7.434	63	54901	50.725	ug/l	95
46) Dibromomethane	7.580	93	45618	52.483	ug/l	93
47) Bromodichloromethane	7.824	83	86669	55.256	ug/l	100
48) Methyl methacrylate	7.696	41	52620	51.906	ug/l #	86
49) 1,4-Dioxane	7.702	88	28349	1155.943	ug/l	90
51) 4-Methyl-2-Pentanone	8.574	43	370916	254.216	ug/l	92
52) Toluene	8.720	92	161077	54.186	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	86596	47.885	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	91480	56.122	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	69819	54.551	ug/l	92
56) Ethyl methacrylate	9.116	69	90789	55.443	ug/l	88
57) 1,3-Dichloropropane	9.311	76	107650	53.111	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	213304	264.537	ug/l #	88
59) 2-Hexanone	9.433	43	278513	255.841	ug/l	89
60) Dibromochloromethane	9.525	129	75218	50.323	ug/l	99
61) 1,2-Dibromoethane	9.610	107	75477	58.095	ug/l	99
64) Tetrachloroethene	9.275	164	70087	51.967	ug/l	98
65) Chlorobenzene	10.079	112	187641	53.379	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	70393	55.654	ug/l	97
67) Ethyl Benzene	10.195	91	317441	53.085	ug/l	98
68) m/p-Xylenes	10.305	106	266982	111.118	ug/l	95
69) o-Xylene	10.640	106	131666	56.064	ug/l	94
70) Styrene	10.659	104	219937	57.533	ug/l	97
71) Bromoform	10.799	173	53704	49.436	ug/l #	99
73) Isopropylbenzene	10.963	105	349986	51.217	ug/l	99
74) N-amyl acetate	10.848	43	103541	46.712	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	106558	49.077	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	93099m	48.601	ug/l	
77) Bromobenzene	11.201	156	86837	49.989	ug/l	90
78) n-propylbenzene	11.305	91	389573	51.232	ug/l	96
79) 2-Chlorotoluene	11.366	91	236620	50.392	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	309739	53.472	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	24868	44.521	ug/l	93
82) 4-Chlorotoluene	11.457	91	277734	51.198	ug/l	96
83) tert-Butylbenzene	11.713	119	305917	54.766	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	308836	53.864	ug/l	98
85) sec-Butylbenzene	11.890	105	376139	52.985	ug/l	98
86) p-Isopropyltoluene	12.012	119	328986	53.740	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	174185	51.723	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	183744	52.125	ug/l	98
89) n-Butylbenzene	12.335	91	259211	51.833	ug/l	98
90) Hexachloroethane	12.542	117	51358	52.318	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	178264	52.858	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22490	51.692	ug/l	82
93) 1,2,4-Trichlorobenzene	13.591	180	103654	52.557	ug/l	99
94) Hexachlorobutadiene	13.725	225	39229	51.010	ug/l	97
95) Naphthalene	13.774	128	363729	55.213	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	105468	52.107	ug/l	97

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VSTDCCC050

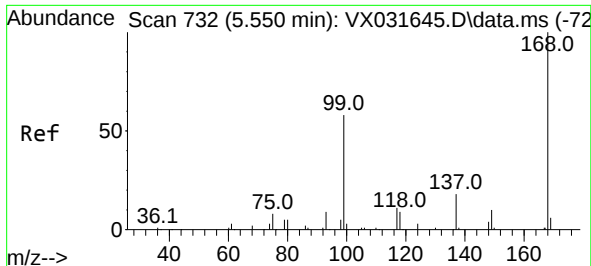
Manual Integrations
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Supervised By :Mahesh Dadoda 09/30/2022

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Quant Title : SW846 8260
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Response via : Initial Calibration

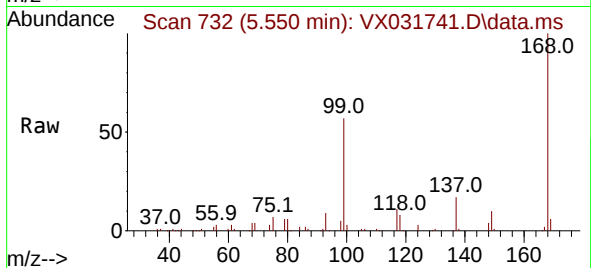
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.006 min
Lab File: VX031741.D
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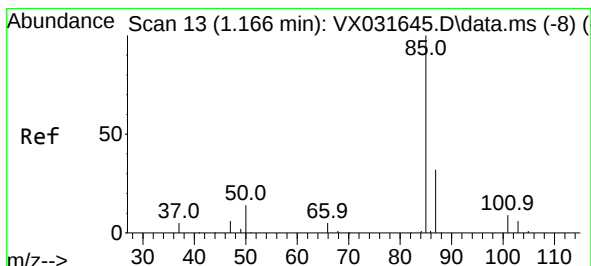
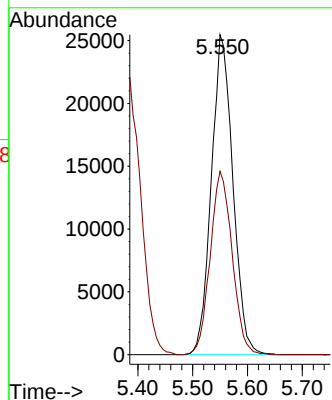
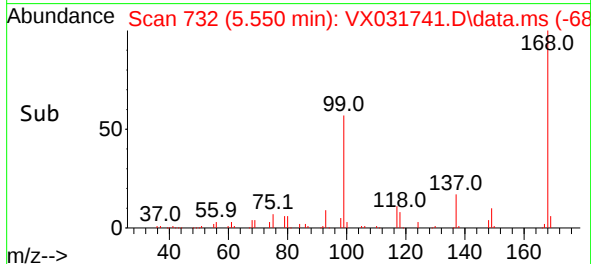
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 69460
Ion Ratio Lower Upper
168 100
99 57.3 48.8 73.2

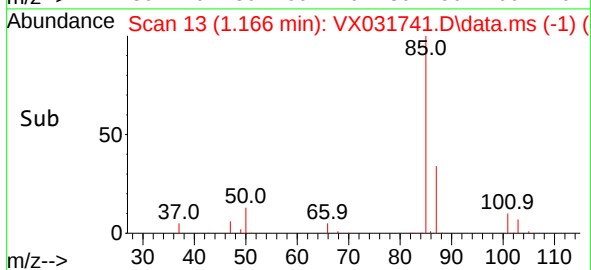
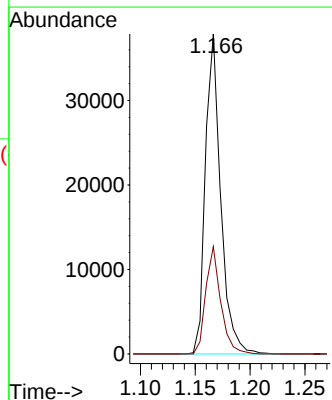
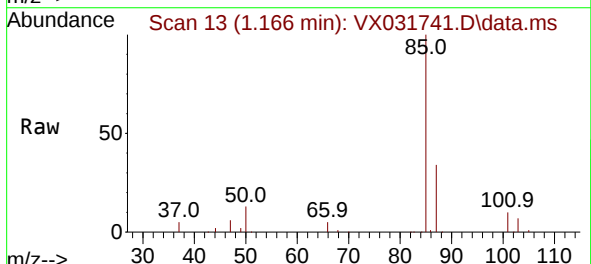
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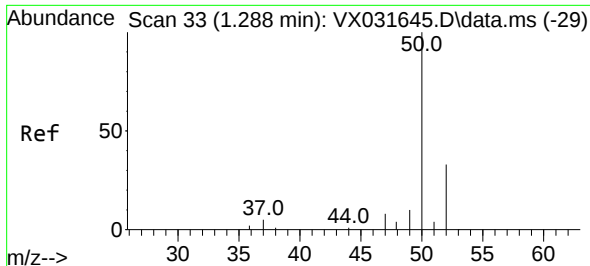
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022



#2
Dichlorodifluoromethane
Concen: 43.516 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX031741.D
Acq: 28 Sep 2022 21:07

Tgt Ion: 85 Resp: 36789
Ion Ratio Lower Upper
85 100
87 33.6 15.8 47.4





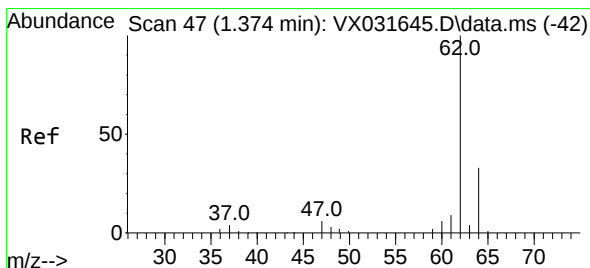
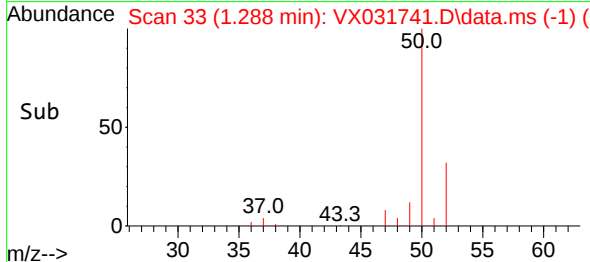
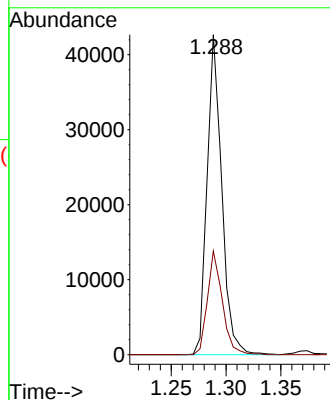
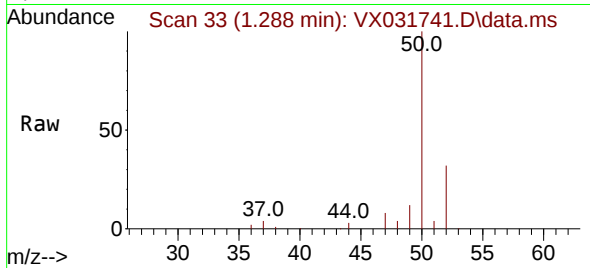
#3
Chloromethane
Concen: 53.220 ug/l
RT: 1.288 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX031741.D
Acq: 28 Sep 2022 21:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 3957
Ion Ratio Lower Upper
50 100
52 32.4 26.9 40.3

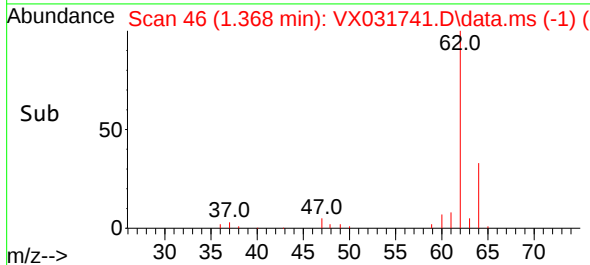
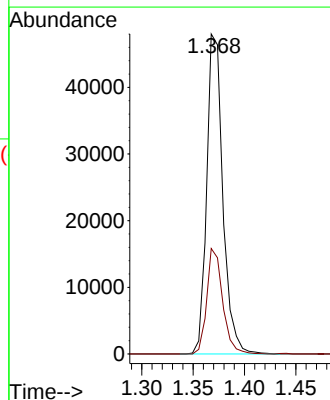
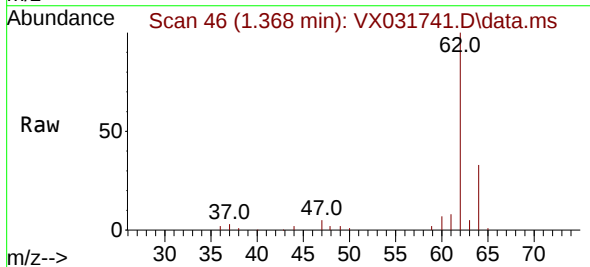
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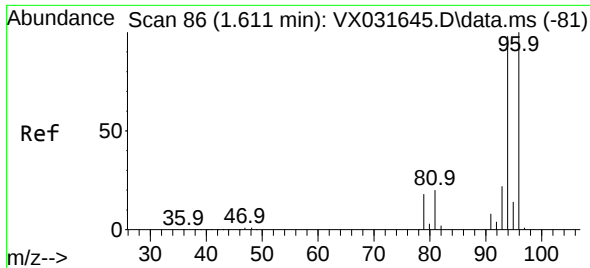
Reviewed By :John Carlone 09/29/2022
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#4
Vinyl Chloride
Concen: 45.171 ug/l
RT: 1.368 min Scan# 46
Delta R.T. -0.006 min
Lab File: VX031741.D
Acq: 28 Sep 2022 21:07

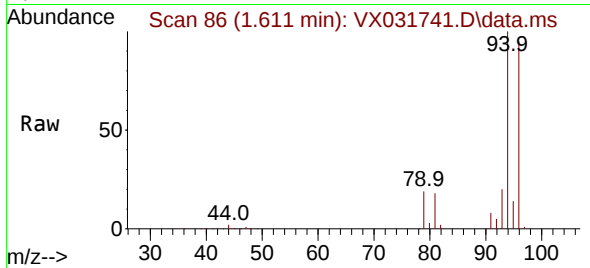
Tgt Ion: 62 Resp: 52554
Ion Ratio Lower Upper
62 100
64 32.9 25.3 37.9





#5
Bromomethane
Concen: 50.033 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX031741.D
Acq: 28 Sep 2022 21:07

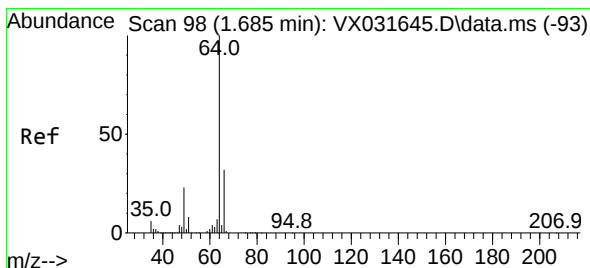
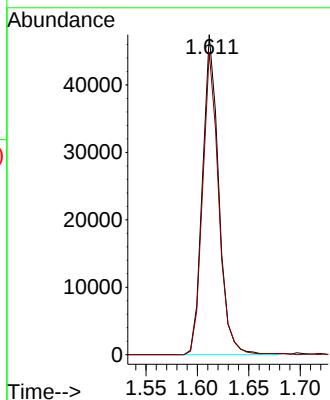
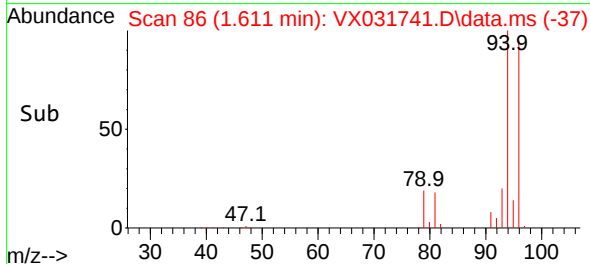
Instrument :
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Tgt Ion: 94 Resp: 52209
Ion Ratio Lower Upper
94 100
96 94.6 74.4 111.6

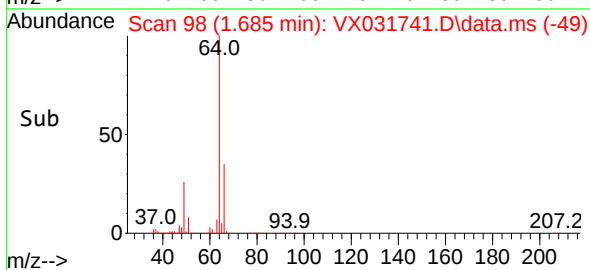
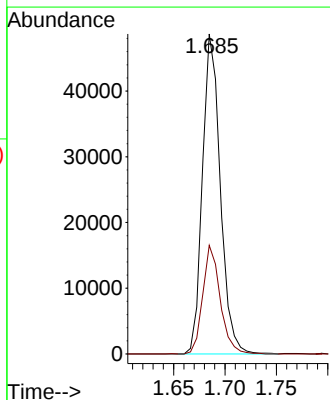
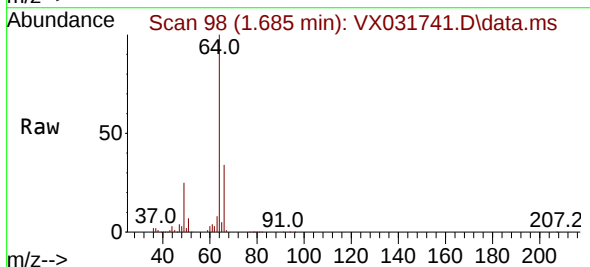
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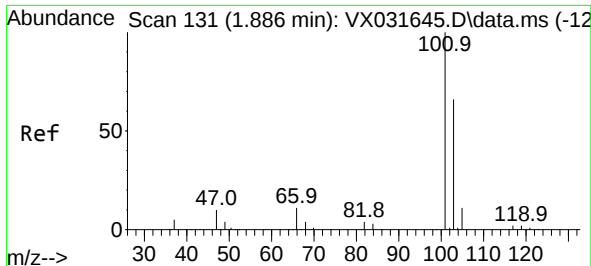
Reviewed By :John Carlone 09/29/2022
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#6
Chloroethane
Concen: 42.369 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX031741.D
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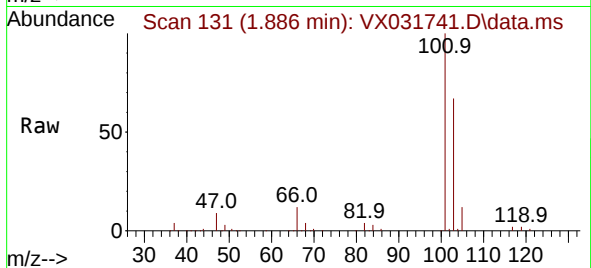
Tgt Ion: 64 Resp: 58904
Ion Ratio Lower Upper
64 100
66 33.9 25.0 37.4





#7
Trichlorofluoromethane
Concen: 44.254 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031741.D
Acq: 28 Sep 2022 21:07

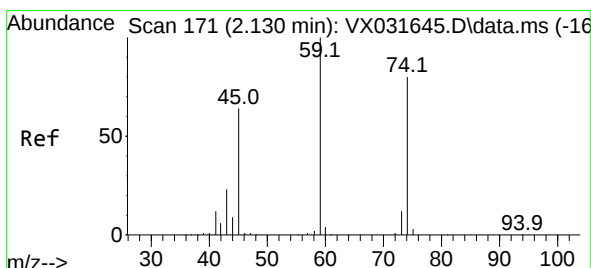
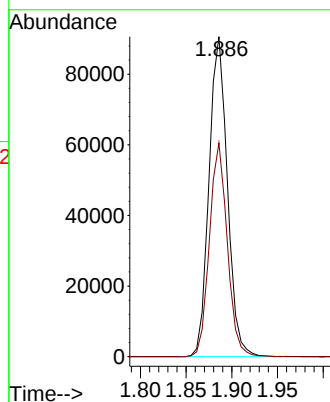
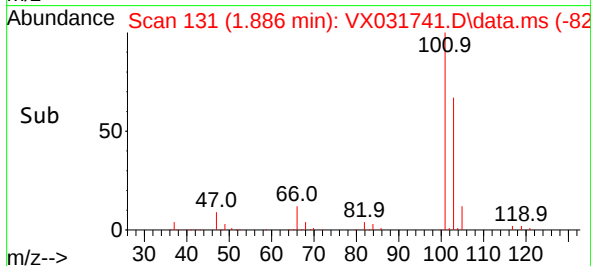
Instrument :
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ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 126410
Ion Ratio Lower Upper
101 100
103 66.8 51.8 77.6

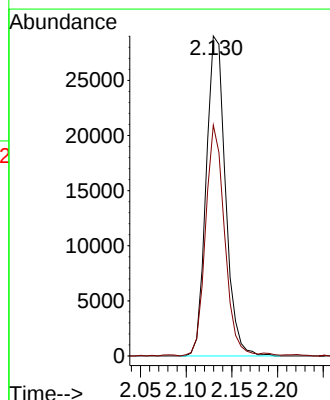
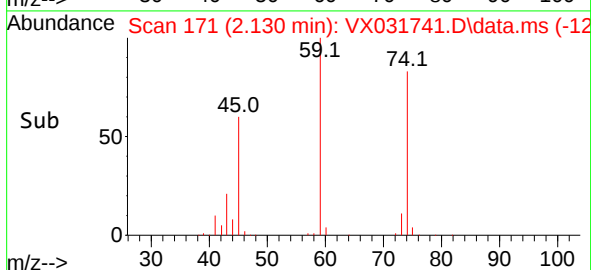
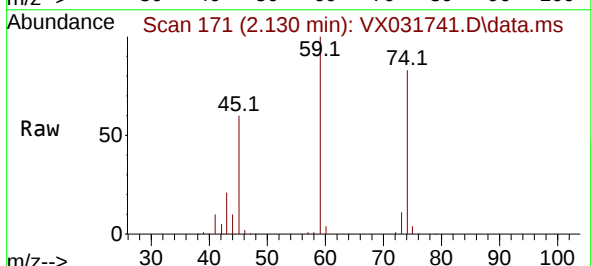
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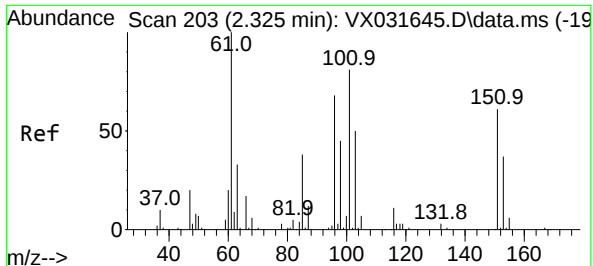
Reviewed By :John Carlone 09/29/2022
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#8
Diethyl Ether
Concen: 52.263 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
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Acq: 28 Sep 2022 21:07

Tgt Ion: 74 Resp: 42520
Ion Ratio Lower Upper
74 100
45 70.9 48.5 145.6





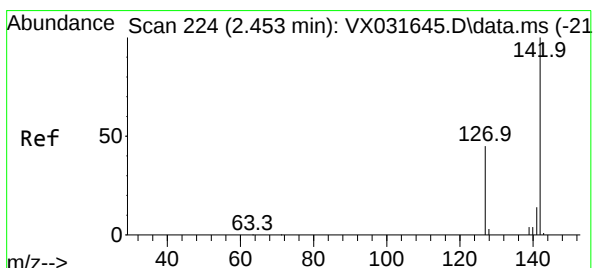
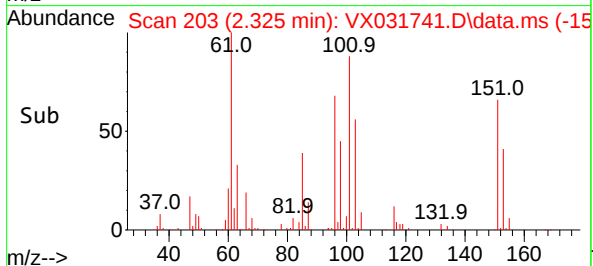
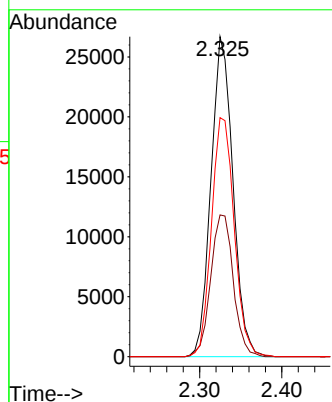
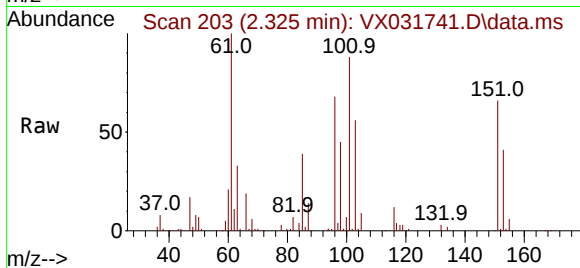
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.654 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX031741.D
Acq: 28 Sep 2022 21:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 49544
Ion Ratio Lower Upper
101 100
85 45.6 38.6 57.8
151 77.4 54.0 81.0

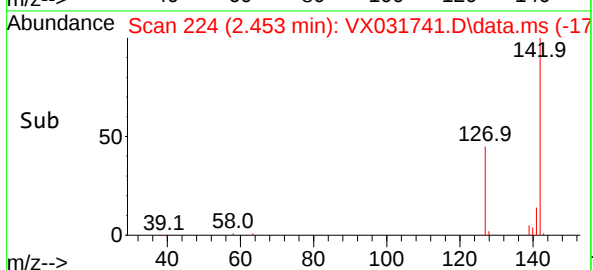
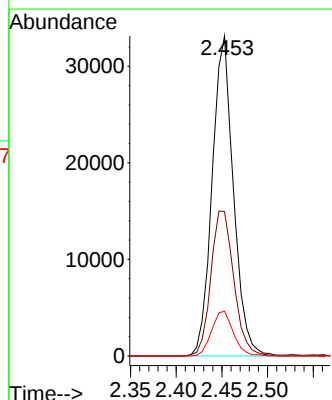
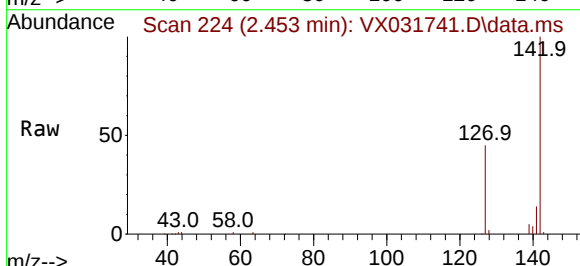
Manual Integrations
APPROVED

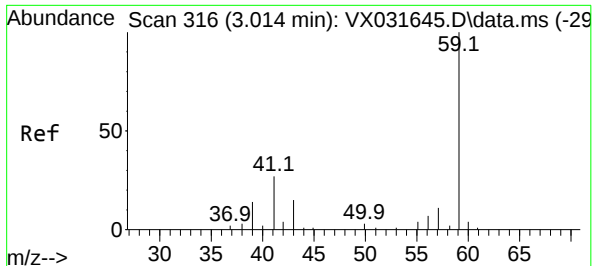
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022



#10
Methyl Iodide
Concen: 59.377 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX031741.D
Acq: 28 Sep 2022 21:07

Tgt Ion:142 Resp: 53742
Ion Ratio Lower Upper
142 100
127 48.8 37.4 56.0
141 14.3 11.6 17.4





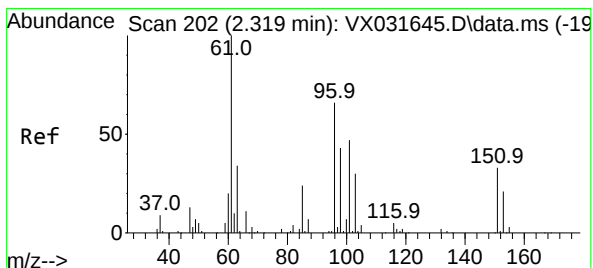
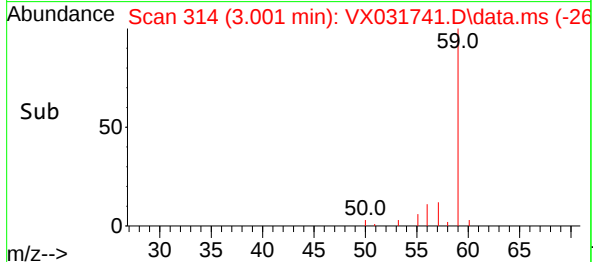
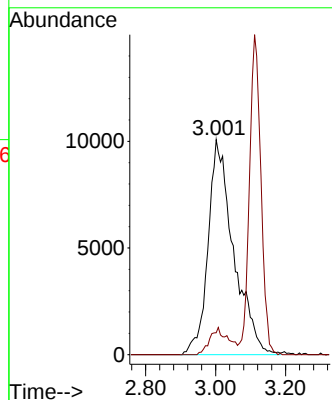
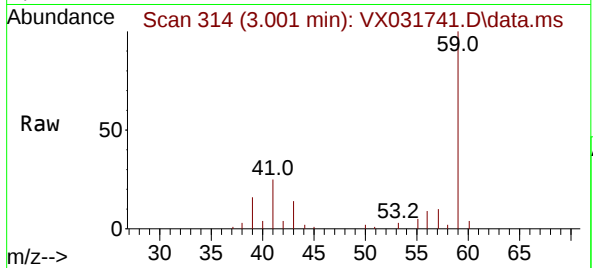
#11
Tert butyl alcohol
Concen: 272.476 ug/l
RT: 3.001 min Scan# 316
Delta R.T. 0.012 min
Lab File: VX031741.D
Acq: 28 Sep 2022 21:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 51108
Ion Ratio Lower Upper
59 100
57 9.2 8.2 12.2

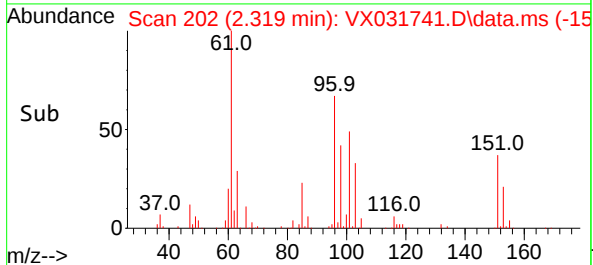
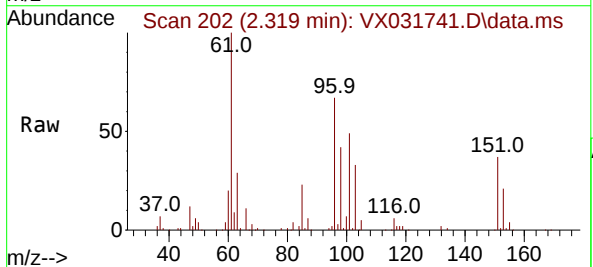
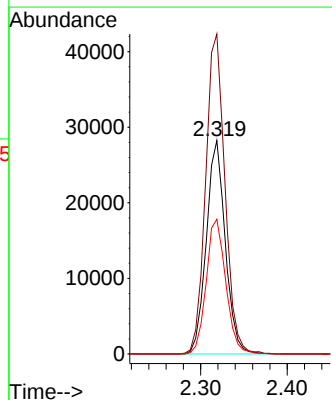
Manual Integrations
APPROVED

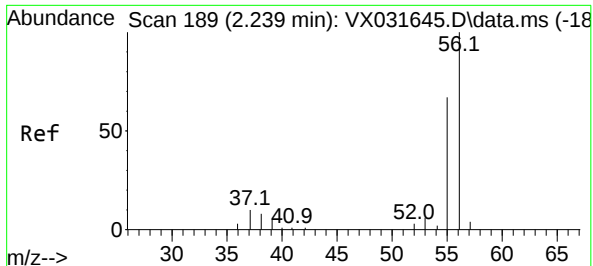
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022



#12
1,1-Dichloroethene
Concen: 61.229 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX031741.D
Acq: 28 Sep 2022 21:07

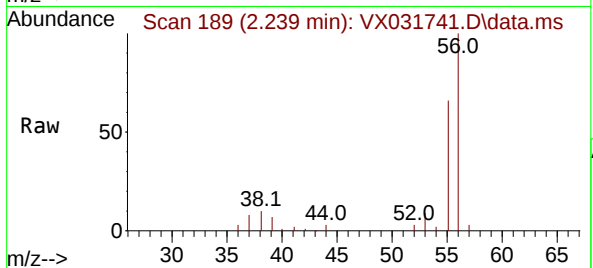
Tgt Ion: 96 Resp: 42975
Ion Ratio Lower Upper
96 100
61 149.9 135.3 202.9
98 63.1 49.4 74.2





#13
Acrolein
Concen: 276.724 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX031741.D
Acq: 28 Sep 2022 21:07

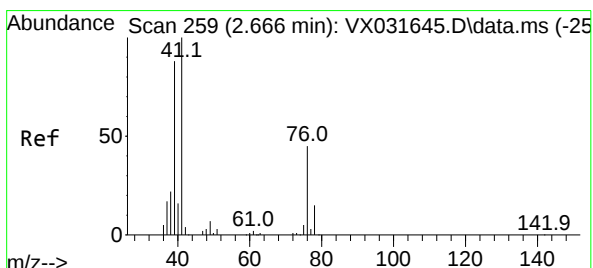
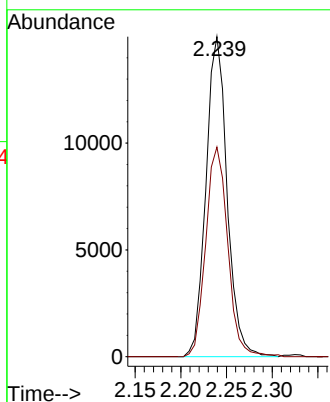
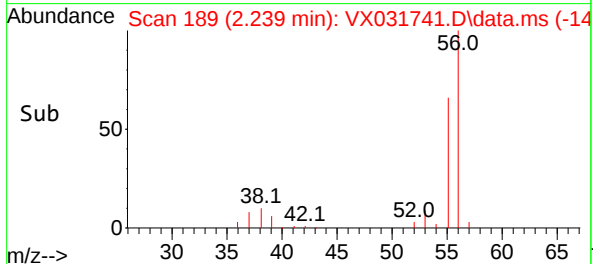
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



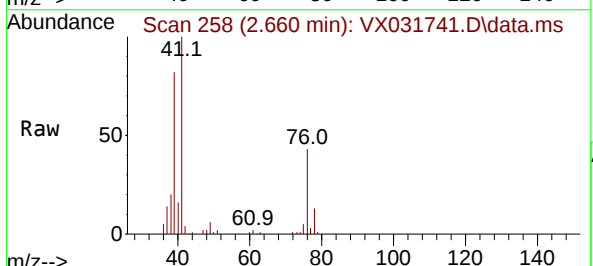
Tgt Ion: 56 Resp: 2410
Ion Ratio Lower Upper
56 100
55 68.0 56.0 84.0

Manual Integrations
APPROVED

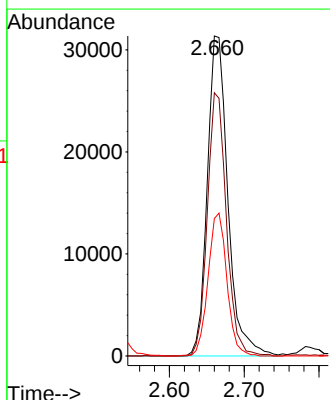
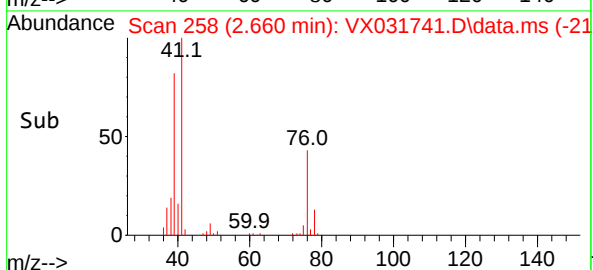
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022

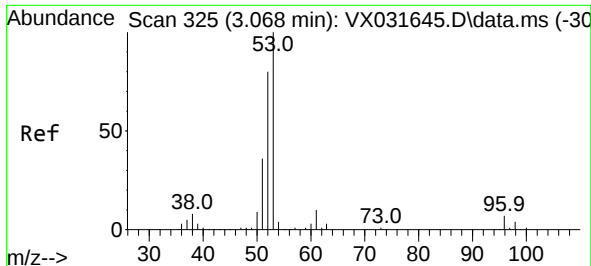


#14
Allyl chloride
Concen: 49.433 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX031741.D
Acq: 28 Sep 2022 21:07



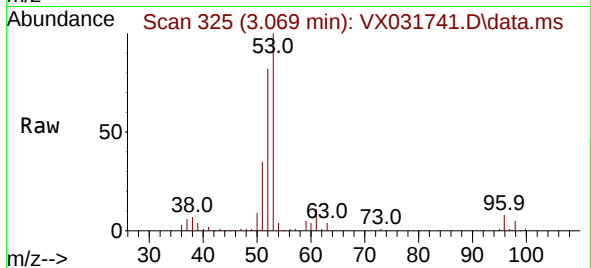
Tgt Ion: 41 Resp: 60056
Ion Ratio Lower Upper
41 100
39 76.1 58.2 87.4
76 40.9 26.9 40.3





#15
Acrylonitrile
Concen: 253.393 ug/l
RT: 3.069 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX031741.D
Acq: 28 Sep 2022 21:07

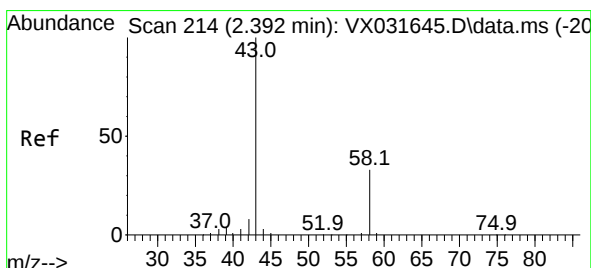
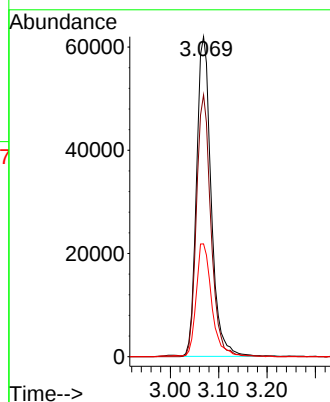
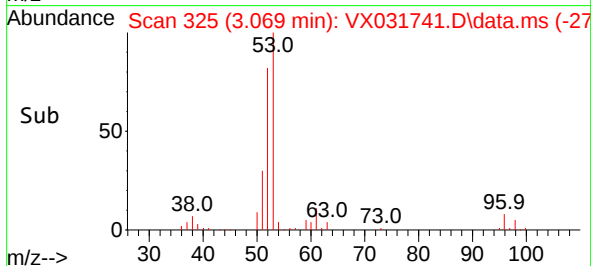
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 129650
Ion Ratio Lower Upper
53 100
52 81.1 66.9 100.3
51 37.7 30.0 45.0

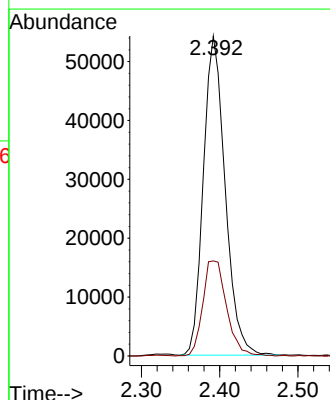
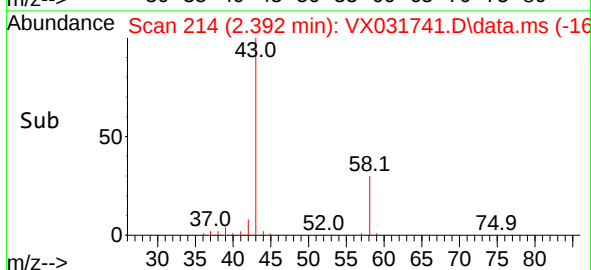
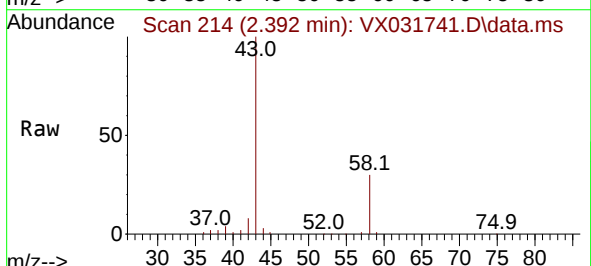
Manual Integrations
APPROVED

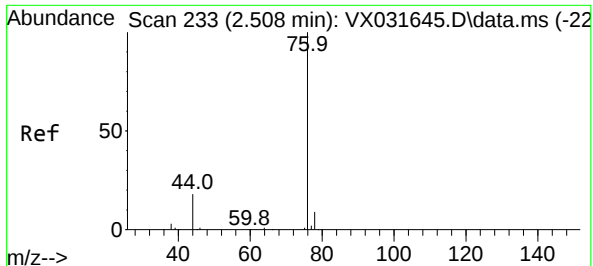
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022



#16
Acetone
Concen: 311.691 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX031741.D
Acq: 28 Sep 2022 21:07

Tgt Ion: 43 Resp: 104802
Ion Ratio Lower Upper
43 100
58 29.7 23.8 35.8





#17

Carbon Disulfide

Concen: 51.351 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX031741.D

Acq: 28 Sep 2022 21:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 7943

Ion Ratio Lower Upper

76 100

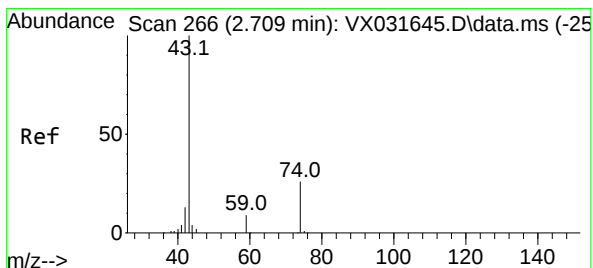
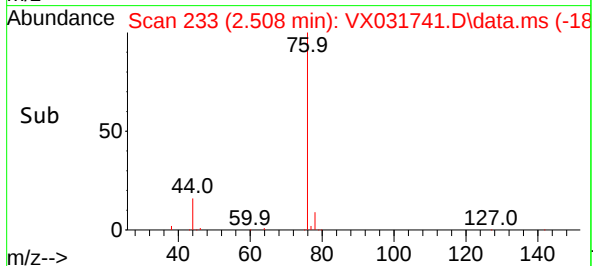
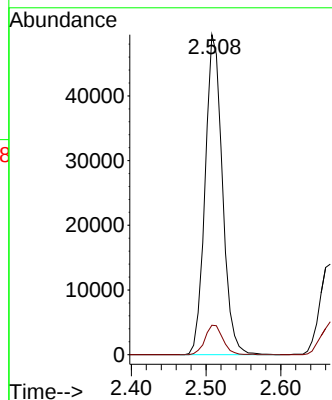
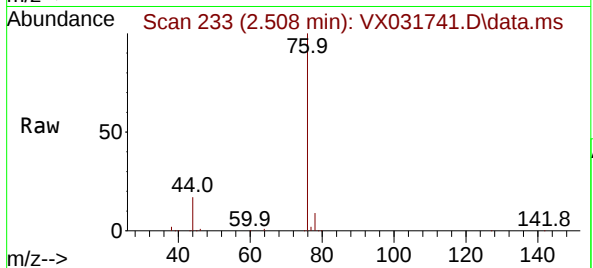
78 9.2 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2022

Supervised By :Mahesh Dadoda 09/30/2022



#18

Methyl Acetate

Concen: 50.061 ug/l

RT: 2.709 min Scan# 266

Delta R.T. -0.000 min

Lab File: VX031741.D

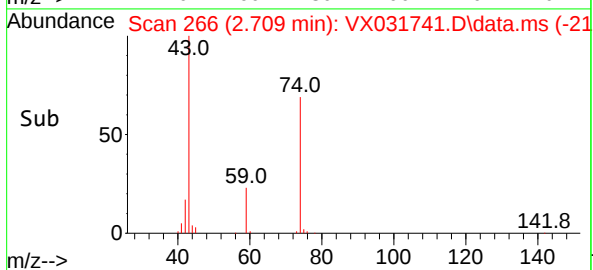
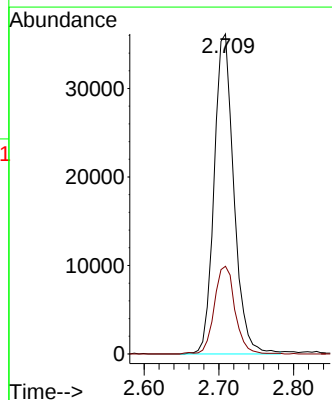
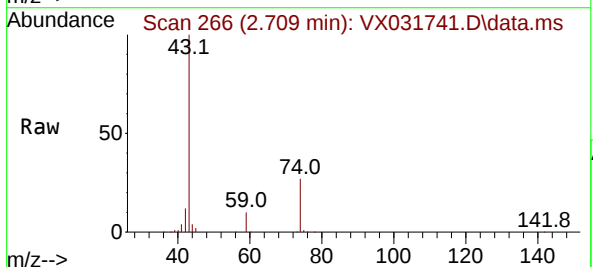
Acq: 28 Sep 2022 21:07

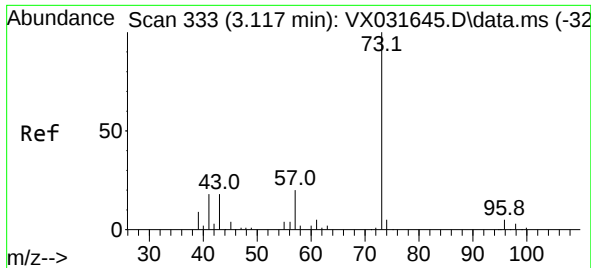
Tgt Ion: 43 Resp: 66325

Ion Ratio Lower Upper

43 100

74 28.8 18.6 27.8#





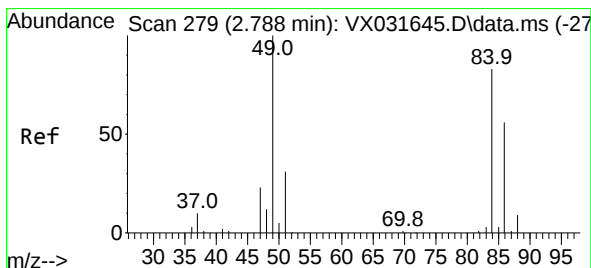
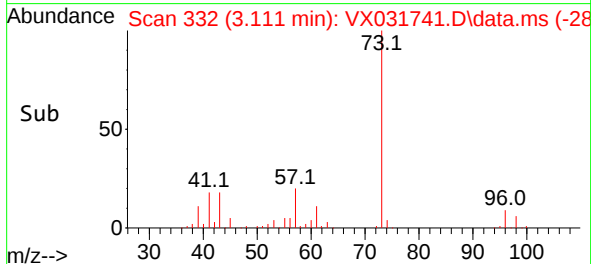
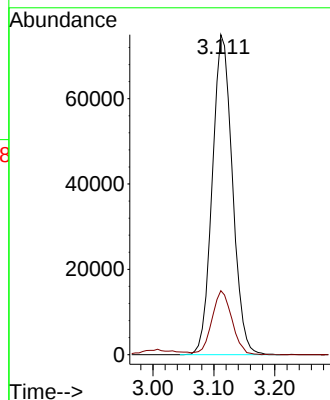
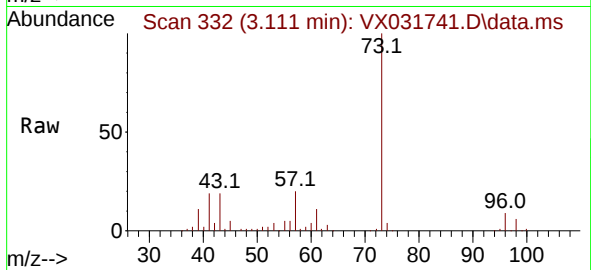
#19
Methyl tert-butyl Ether
Concen: 52.477 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX031741.D
Acq: 28 Sep 2022 21:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 172085
Ion Ratio Lower Upper
73 100
57 20.0 17.2 25.8

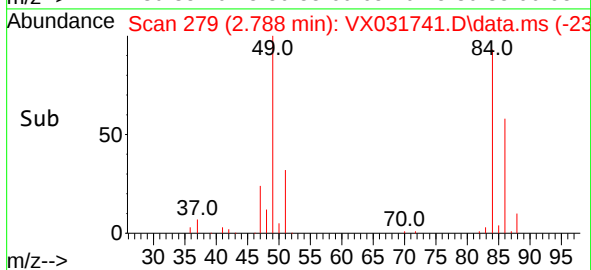
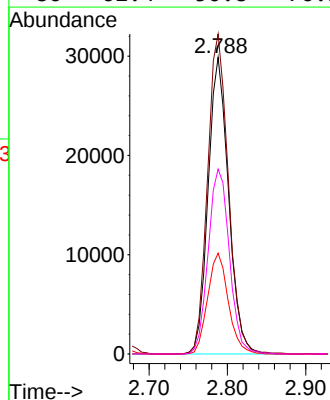
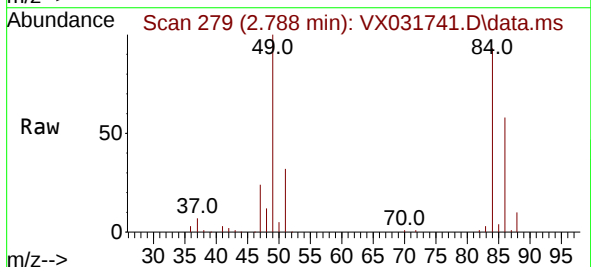
Manual Integrations
APPROVED

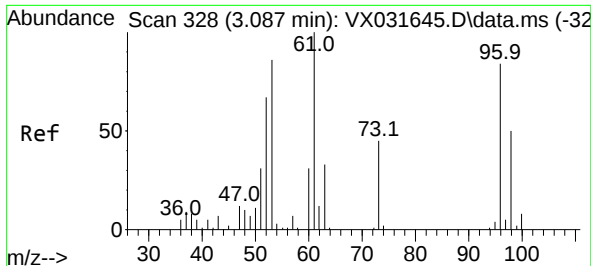
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022



#20
Methylene Chloride
Concen: 58.243 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX031741.D
Acq: 28 Sep 2022 21:07

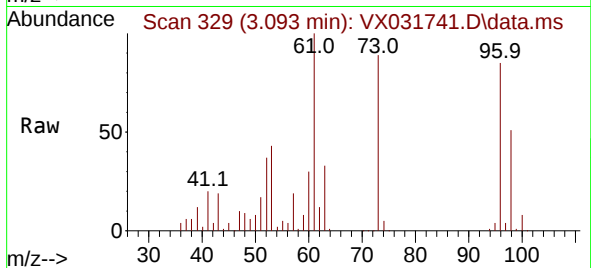
Tgt Ion: 84 Resp: 54042
Ion Ratio Lower Upper
84 100
49 107.9 105.9 158.9
51 34.0 32.2 48.2
86 62.4 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 50.393 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX031741.D
Acq: 28 Sep 2022 21:07

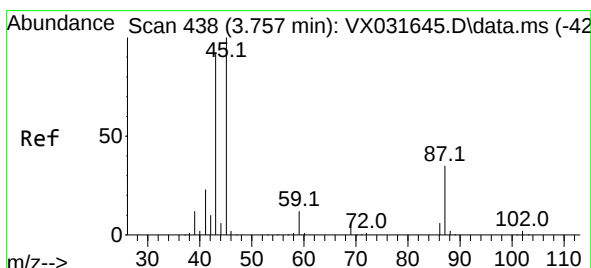
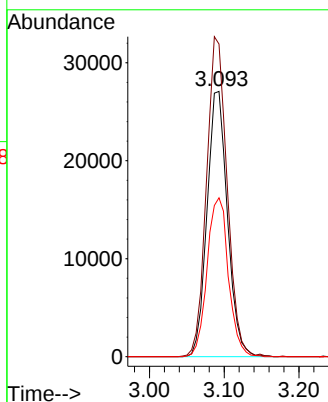
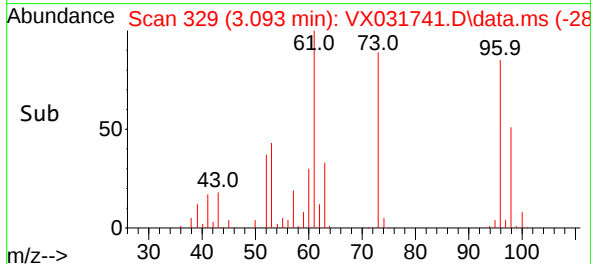
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 5144
Ion Ratio Lower Upper
96 100
61 117.9 106.7 160.1
98 59.9 48.7 73.1

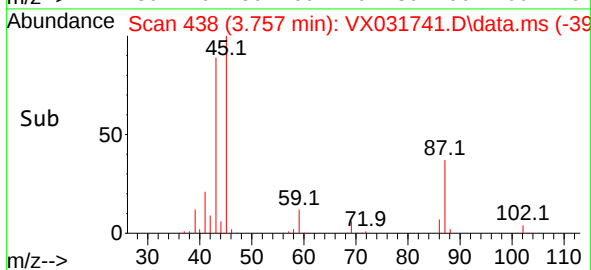
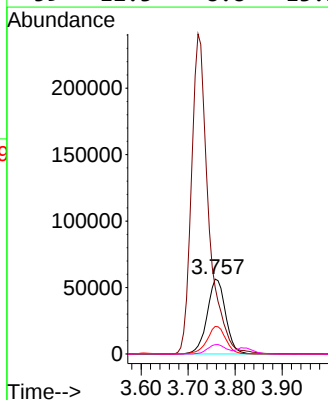
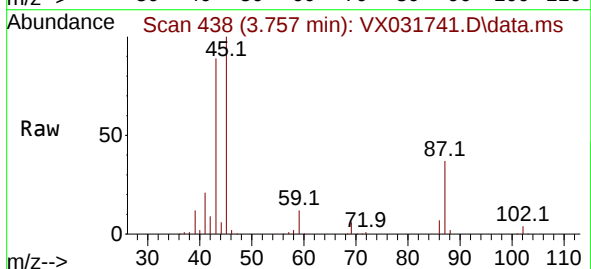
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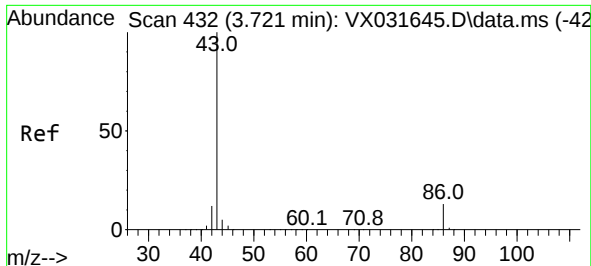
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022



#22
Diisopropyl ether
Concen: 48.960 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.007 min
Lab File: VX031741.D
Acq: 28 Sep 2022 21:07

Tgt Ion: 45 Resp: 153085
Ion Ratio Lower Upper
45 100
43 88.5 59.0 88.6
87 36.7 22.6 33.8#
59 12.3 8.8 13.2





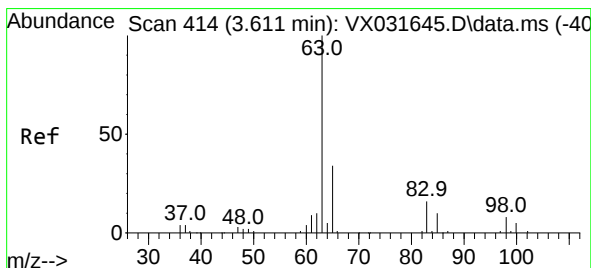
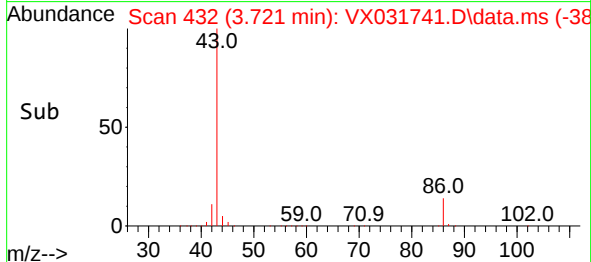
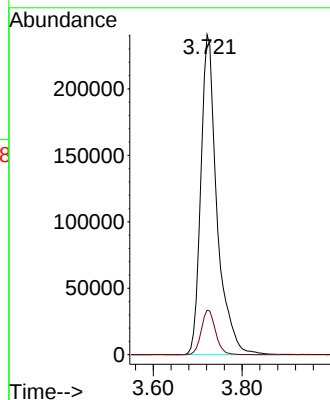
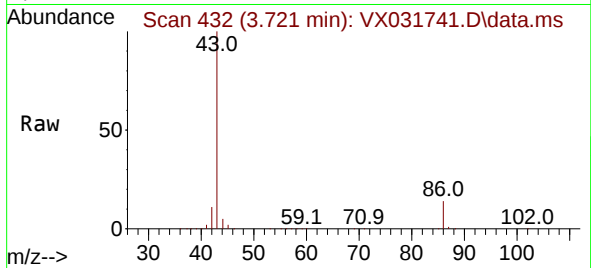
#23
 Vinyl Acetate
 Concen: 246.648 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX031741.D
 Acq: 28 Sep 2022 21:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 609918
 Ion Ratio Lower Upper
 43 100
 86 13.9 8.7 13.1

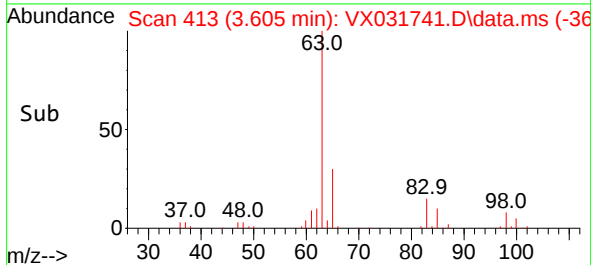
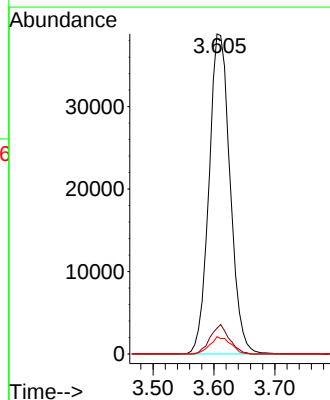
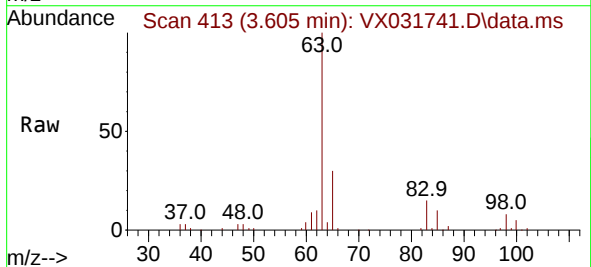
Manual Integrations
 APPROVED

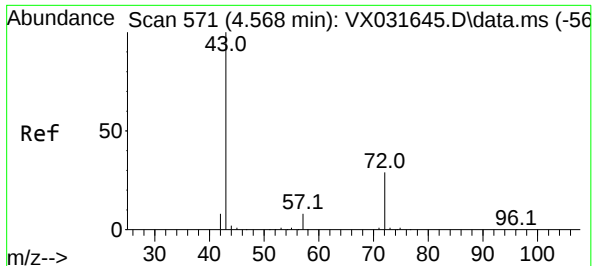
Reviewed By :John Carlone 09/29/2022
 Supervised By :Mahesh Dadoda 09/30/2022



#24
 1,1-Dichloroethane
 Concen: 51.709 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX031741.D
 Acq: 28 Sep 2022 21:07

Tgt Ion: 63 Resp: 93212
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.5 10.4
 100 5.4 2.4 7.2





#25

2-Butanone

Concen: 243.966 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX031741.D

Acq: 28 Sep 2022 21:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 171690

Ion Ratio Lower Upper

43 100

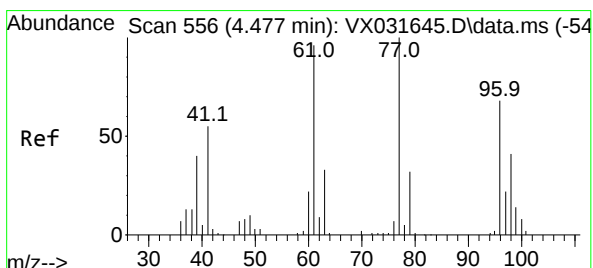
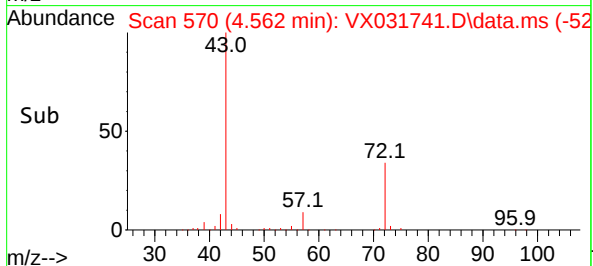
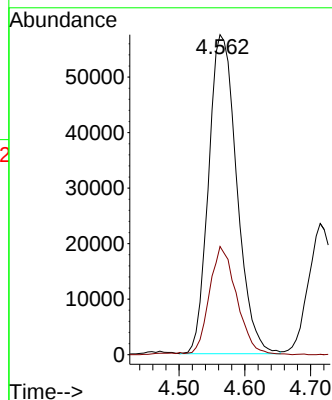
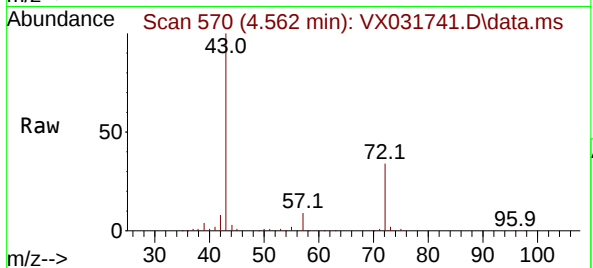
72 33.6 21.1 31.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2022

Supervised By :Mahesh Dadoda 09/30/2022



#26

2,2-Dichloropropane

Concen: 46.581 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX031741.D

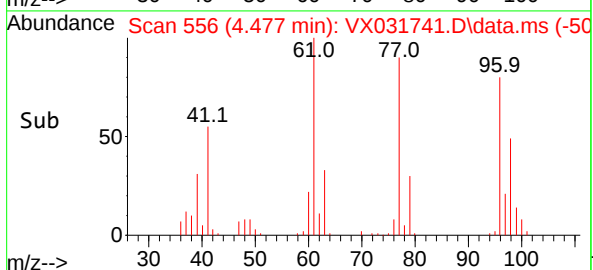
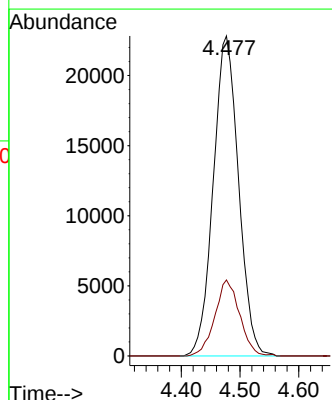
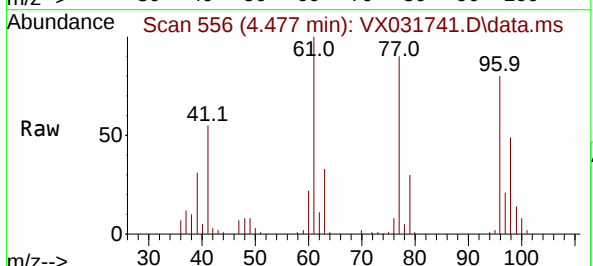
Acq: 28 Sep 2022 21:07

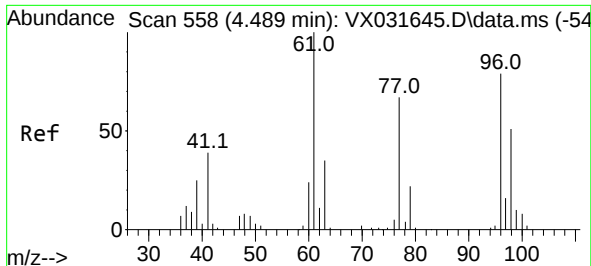
Tgt Ion: 77 Resp: 68152

Ion Ratio Lower Upper

77 100

97 23.3 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 52.344 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX031741.D

Acq: 28 Sep 2022 21:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 6544

Ion Ratio Lower Upper

96 100

61 126.0 0.0 305.2

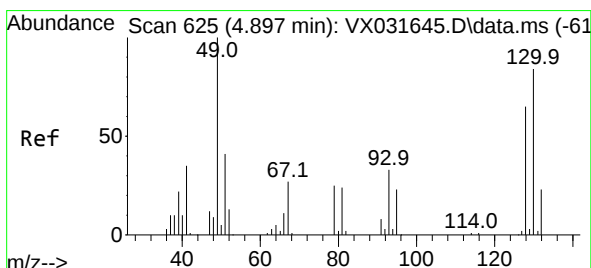
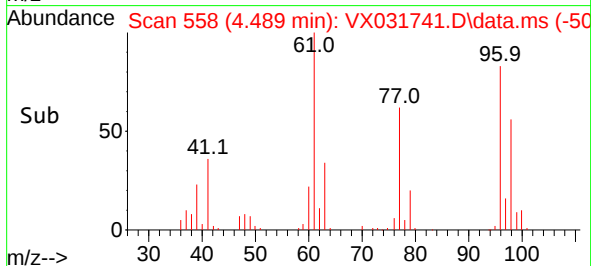
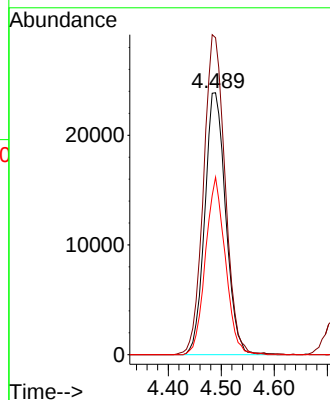
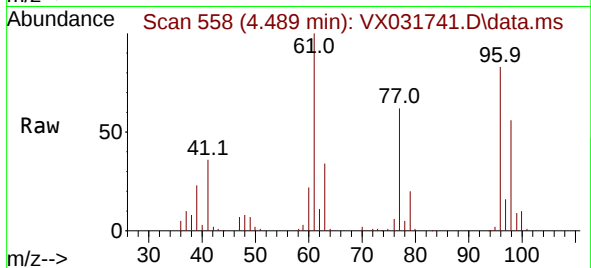
98 64.3 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2022

Supervised By :Mahesh Dadoda 09/30/2022



#28

Bromochloromethane

Concen: 45.951 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.007 min

Lab File: VX031741.D

Acq: 28 Sep 2022 21:07

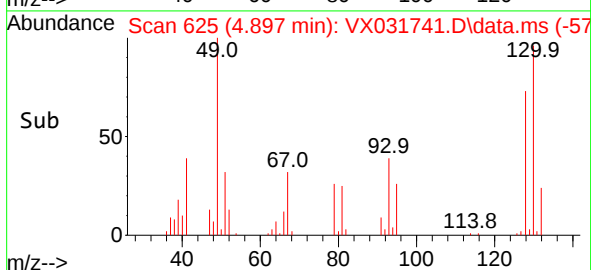
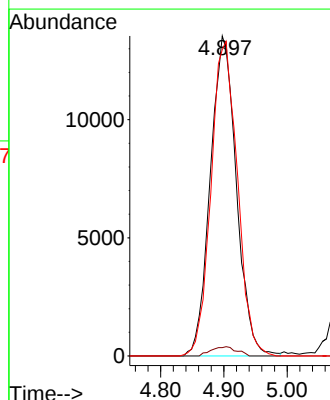
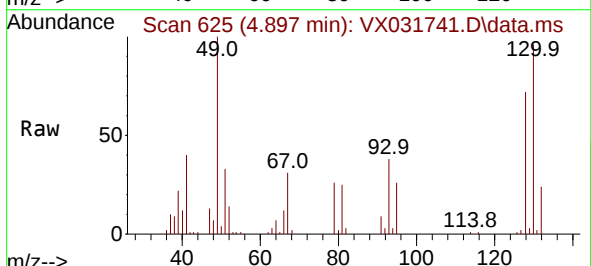
Tgt Ion: 49 Resp: 38749

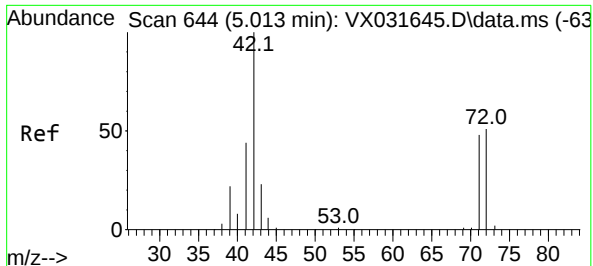
Ion Ratio Lower Upper

49 100

129 2.8 0.0 3.6

130 99.2 59.0 88.4#





#29

Tetrahydrofuran

Concen: 247.733 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX031741.D

Acq: 28 Sep 2022 21:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 10952

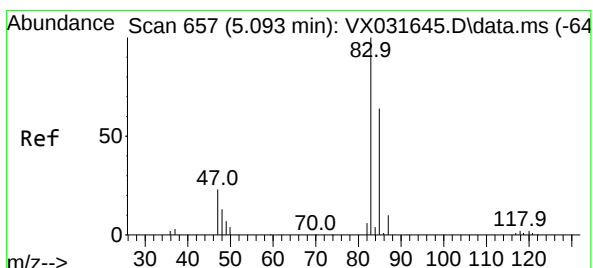
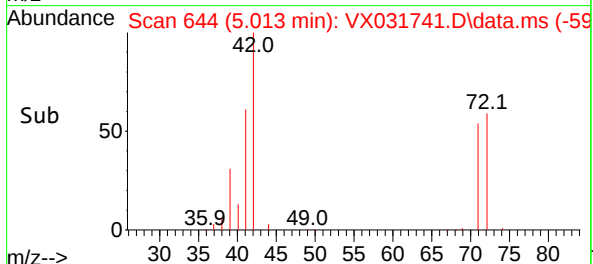
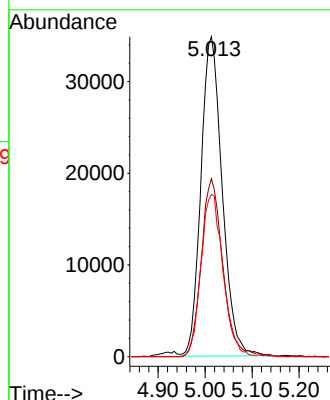
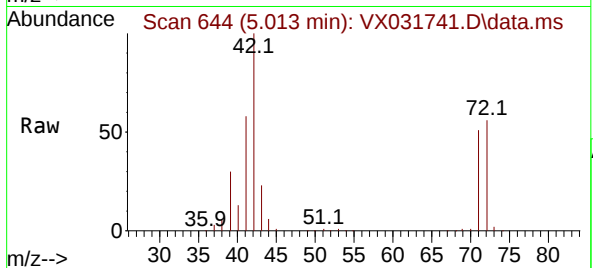
Ion	Ratio	Lower	Upper
42	100		
72	56.5	36.4	54.6
71	52.3	33.5	50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2022

Supervised By :Mahesh Dadoda 09/30/2022



#30

Chloroform

Concen: 53.098 ug/l

RT: 5.099 min Scan# 658

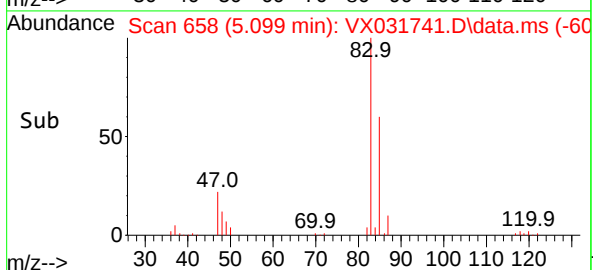
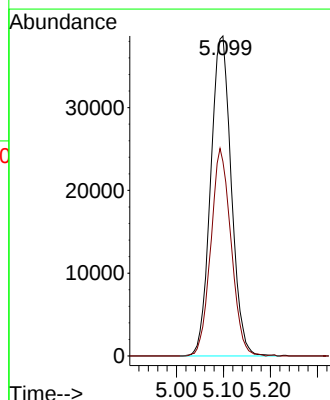
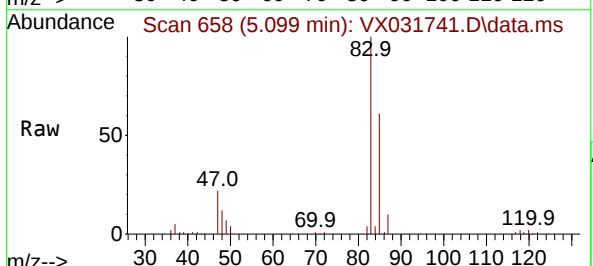
Delta R.T. -0.000 min

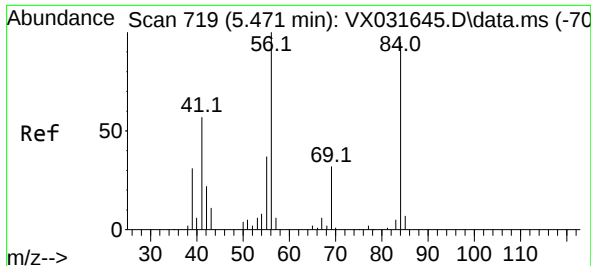
Lab File: VX031741.D

Acq: 28 Sep 2022 21:07

Tgt Ion: 83 Resp: 117748

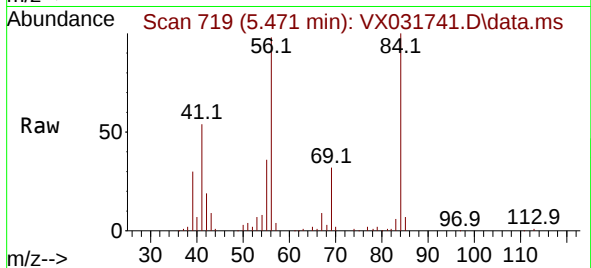
Ion	Ratio	Lower	Upper
83	100		
85	60.8	52.8	79.2





#31
Cyclohexane
Concen: 50.643 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX031741.D
Acq: 28 Sep 2022 21:07

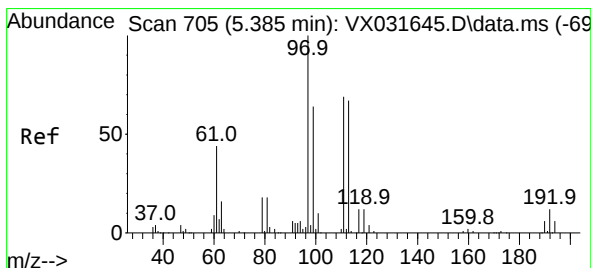
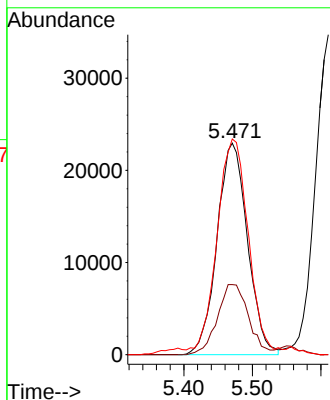
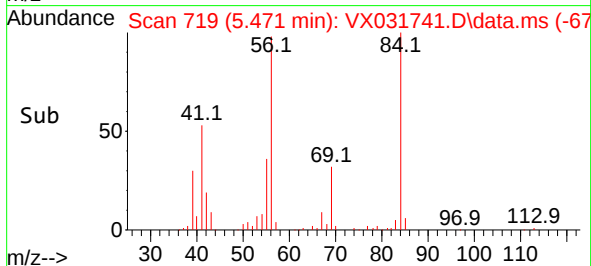
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



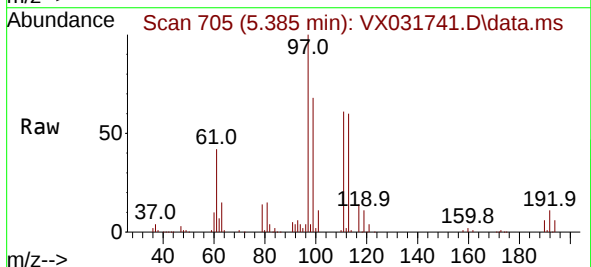
Tgt Ion: 56 Resp: 70994
Ion Ratio Lower Upper
56 100
69 33.1 25.1 37.7
84 98.9 70.2 105.4

Manual Integrations
APPROVED

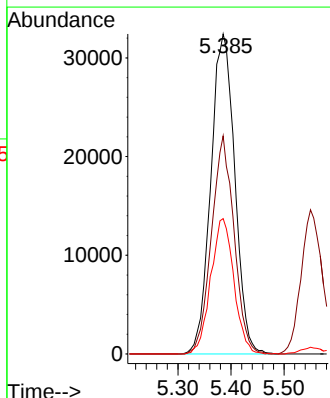
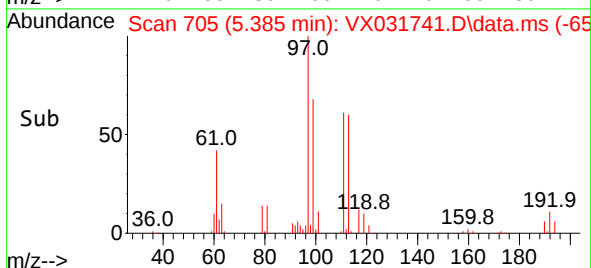
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022

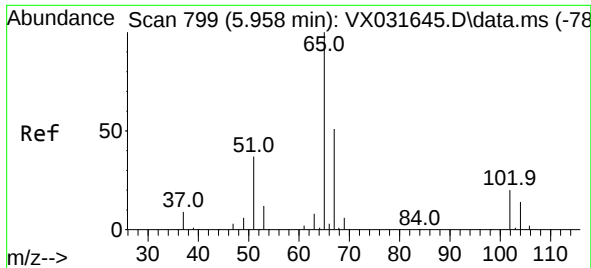


#32
1,1,1-Trichloroethane
Concen: 55.446 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031741.D
Acq: 28 Sep 2022 21:07



Tgt Ion: 97 Resp: 101836
Ion Ratio Lower Upper
97 100
99 64.3 51.3 76.9
61 40.8 35.9 53.9





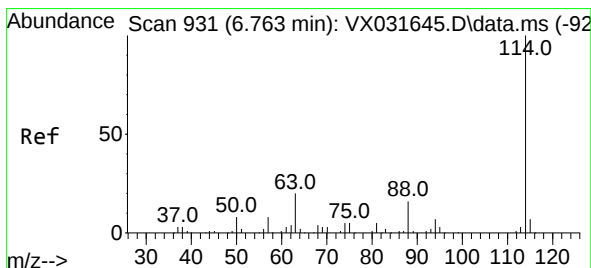
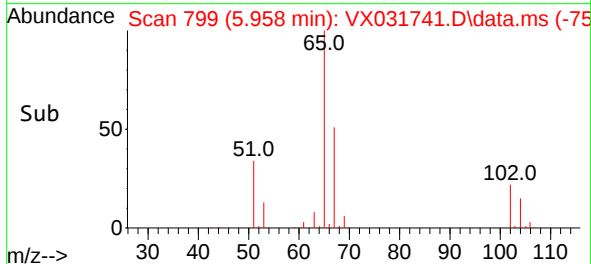
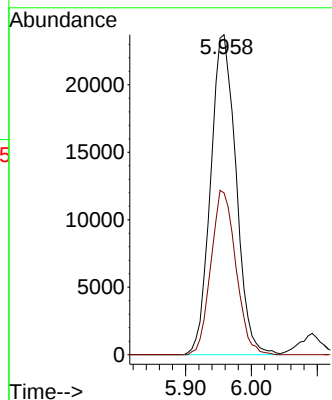
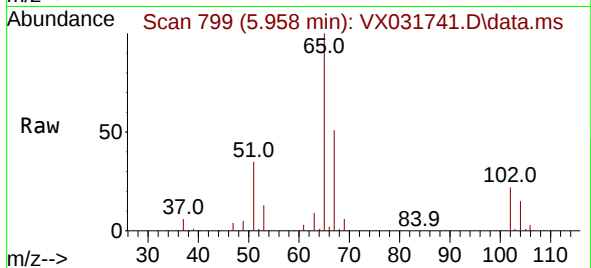
#33
1,2-Dichloroethane-d4
Concen: 43.286 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031741.D
Acq: 28 Sep 2022 21:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 63819
Ion Ratio Lower Upper
65 100
67 50.3 0.0 102.4

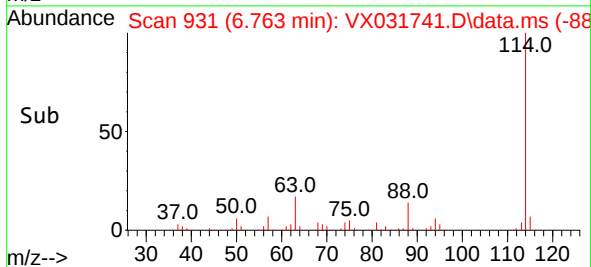
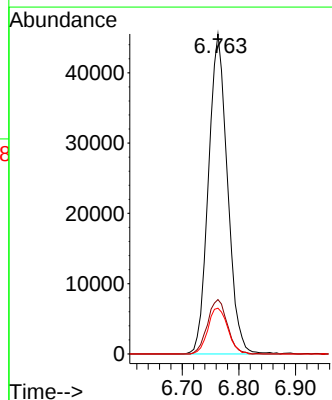
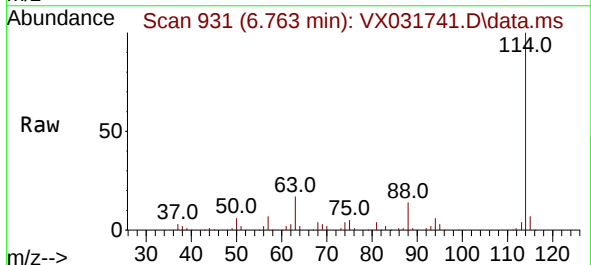
Manual Integrations
APPROVED

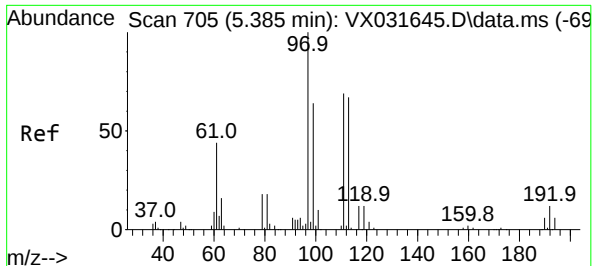
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX031741.D
Acq: 28 Sep 2022 21:07

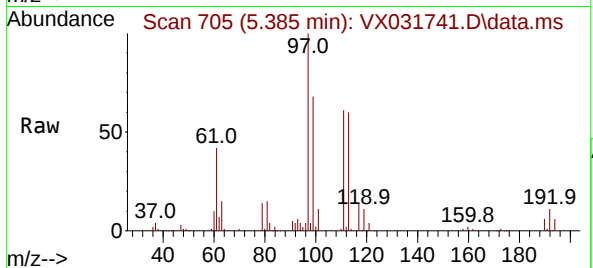
Tgt Ion:114 Resp: 106112
Ion Ratio Lower Upper
114 100
63 17.0 0.0 42.6
88 14.3 0.0 33.0





#35
Dibromofluoromethane
Concen: 44.266 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031741.D
Acq: 28 Sep 2022 21:07

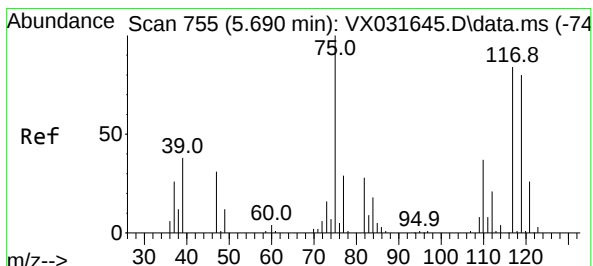
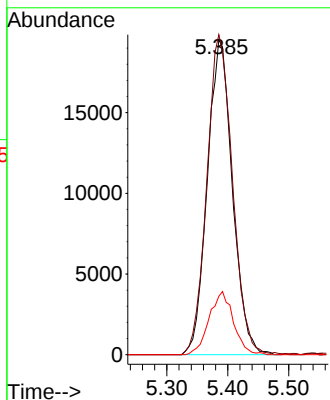
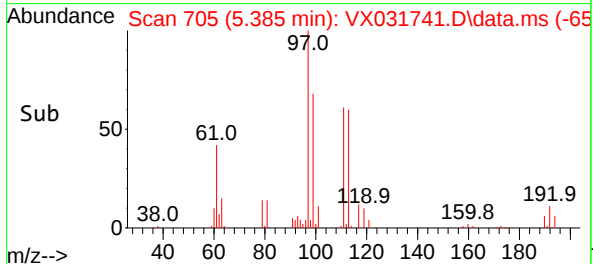
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 55968
Ion Ratio Lower Upper
113 100
111 103.3 82.4 123.6
192 19.4 14.1 21.1

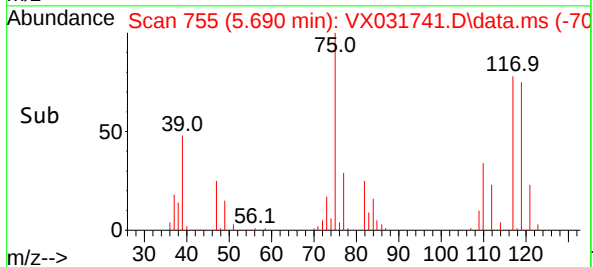
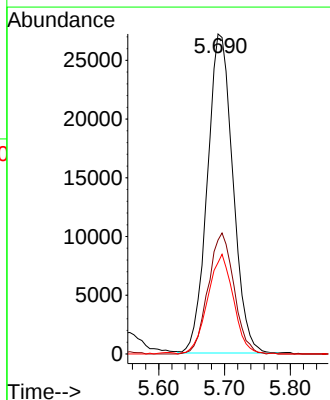
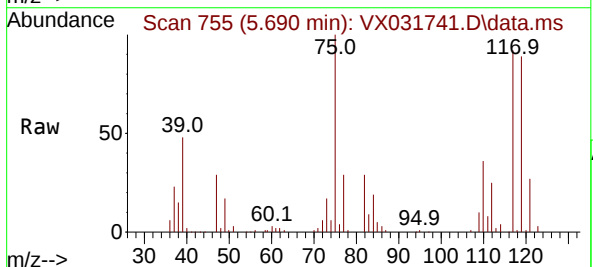
Manual Integrations
APPROVED

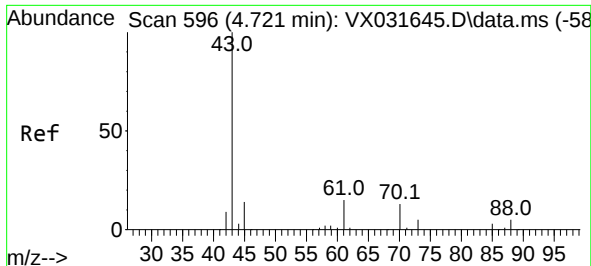
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022



#36
1,1-Dichloropropene
Concen: 50.615 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX031741.D
Acq: 28 Sep 2022 21:07

Tgt Ion: 75 Resp: 73493
Ion Ratio Lower Upper
75 100
110 38.2 17.5 52.5
77 31.5 24.9 37.3





#37

Ethyl Acetate

Concen: 47.427 ug/l

RT: 4.715 min Scan# 596

Delta R.T. -0.006 min

Lab File: VX031741.D

Acq: 28 Sep 2022 21:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

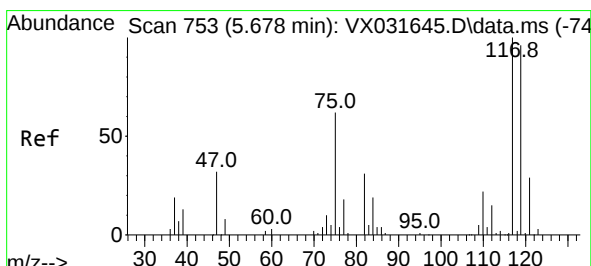
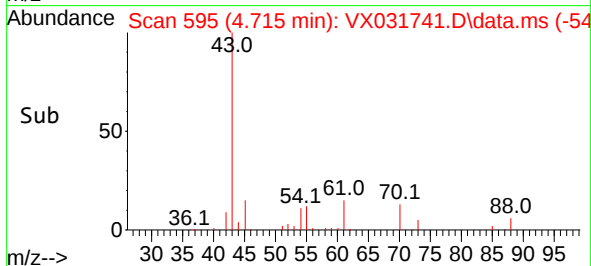
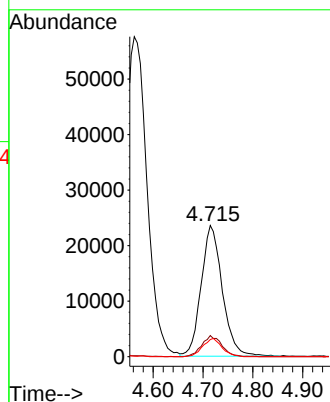
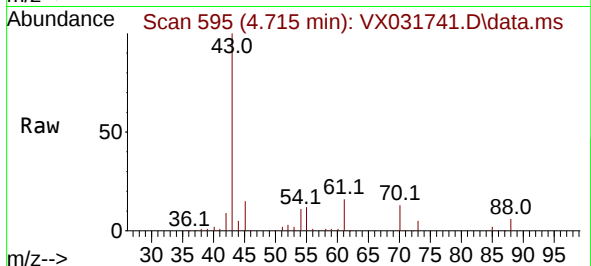
Tgt Ion: 43	Resp: 6946
Ion Ratio	Lower Upper
43 100	
61 15.4	11.1 16.7
70 12.6	8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2022

Supervised By :Mahesh Dadoda 09/30/2022



#38

Carbon Tetrachloride

Concen: 54.707 ug/l

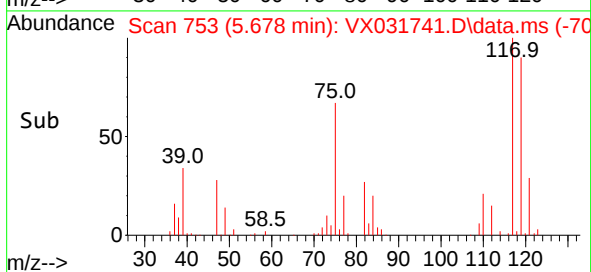
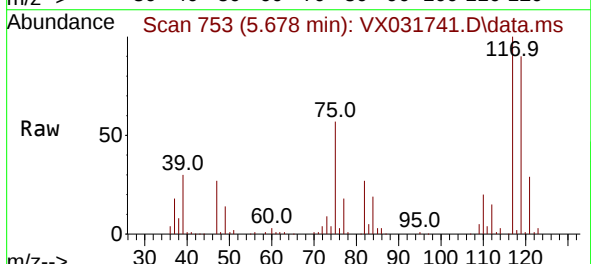
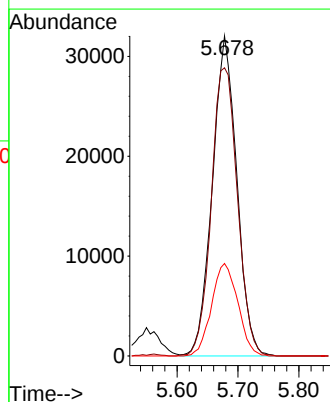
RT: 5.678 min Scan# 753

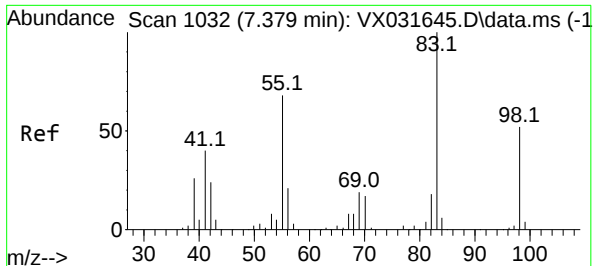
Delta R.T. -0.000 min

Lab File: VX031741.D

Acq: 28 Sep 2022 21:07

Tgt Ion: 117	Resp: 89523
Ion Ratio	Lower Upper
117 100	
119 90.1	74.6 112.0
121 28.9	25.3 37.9





#39

Methylcyclohexane

Concen: 51.298 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX031741.D

Acq: 28 Sep 2022 21:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

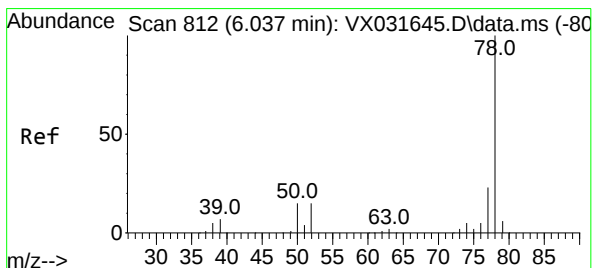
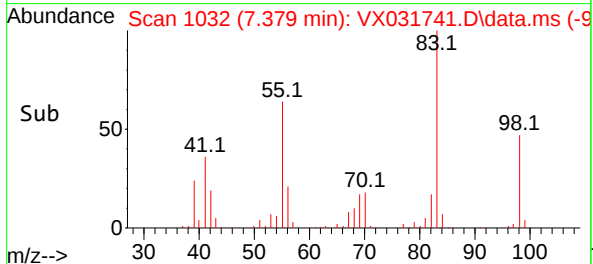
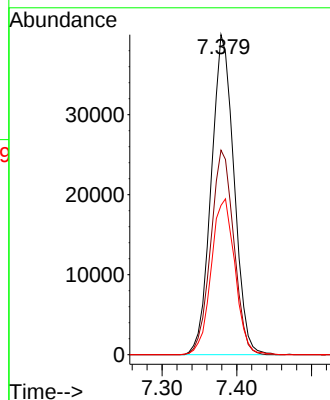
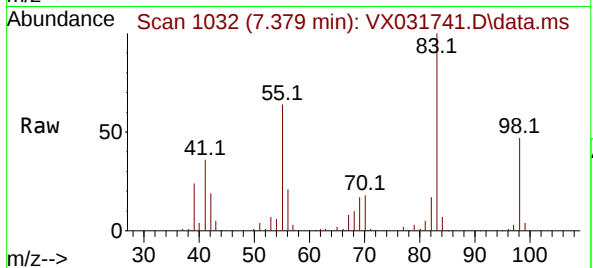
Tgt Ion: 83	Resp: 8486
Ion Ratio	Lower Upper
83	100
55	63.9 61.0 91.4
98	46.7 37.7 56.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2022

Supervised By :Mahesh Dadoda 09/30/2022



#40

Benzene

Concen: 50.453 ug/l

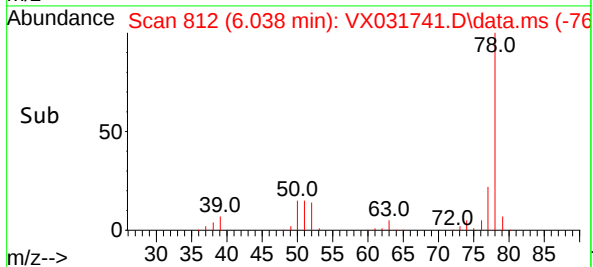
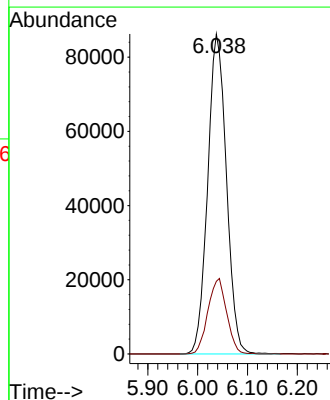
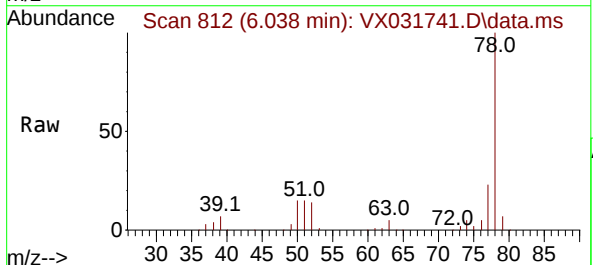
RT: 6.038 min Scan# 812

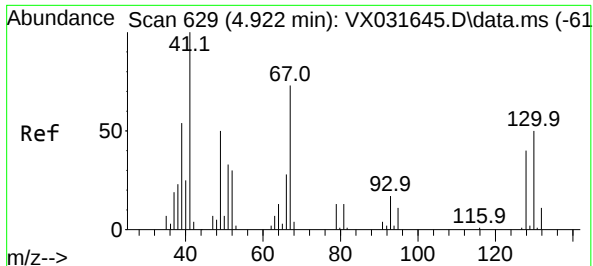
Delta R.T. -0.006 min

Lab File: VX031741.D

Acq: 28 Sep 2022 21:07

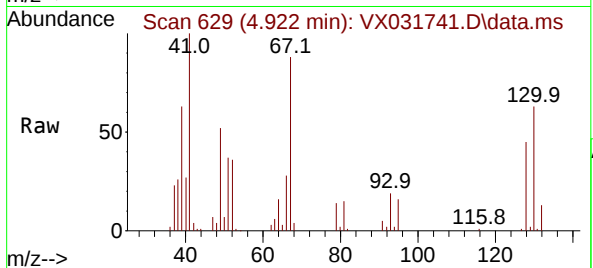
Tgt Ion: 78	Resp: 225000
Ion Ratio	Lower Upper
78	100
77	22.7 18.7 28.1





#41
Methacrylonitrile
Concen: 48.698 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX031741.D
Acq: 28 Sep 2022 21:07

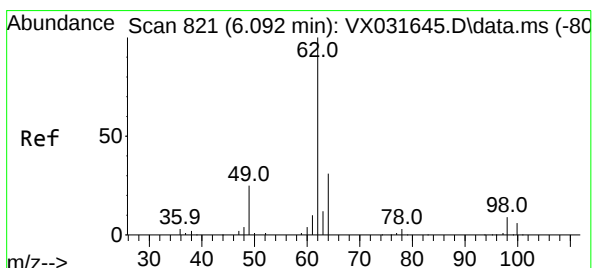
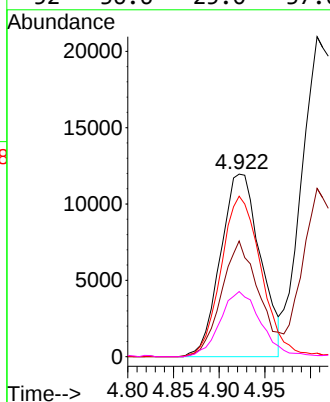
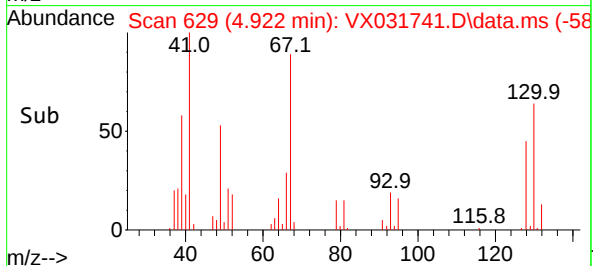
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:	41	Resp:	3629
Ion	Ratio	Lower	Upper
41	100		
39	60.7	45.0	67.6
67	89.2	58.2	87.4
52	36.6	25.0	37.6

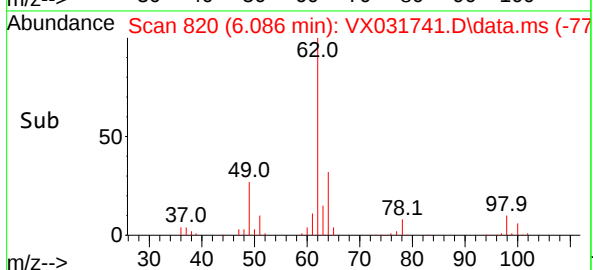
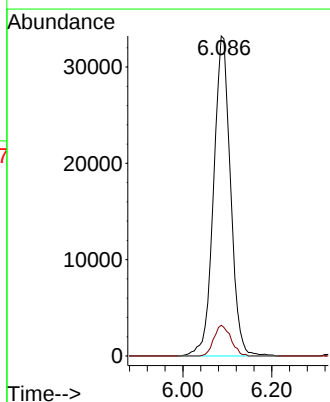
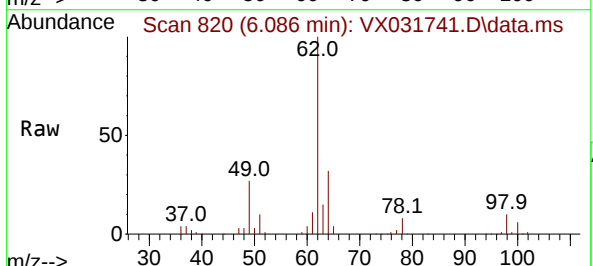
Manual Integrations
APPROVED

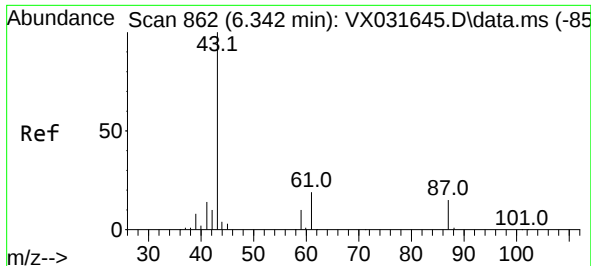
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022



#42
1,2-Dichloroethane
Concen: 50.853 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX031741.D
Acq: 28 Sep 2022 21:07

Tgt Ion:	62	Resp:	87707
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	17.8





#43

Isopropyl Acetate

Concen: 48.537 ug/l

RT: 6.342 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX031741.D

Acq: 28 Sep 2022 21:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 11188

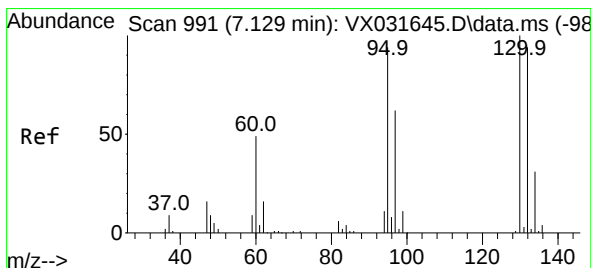
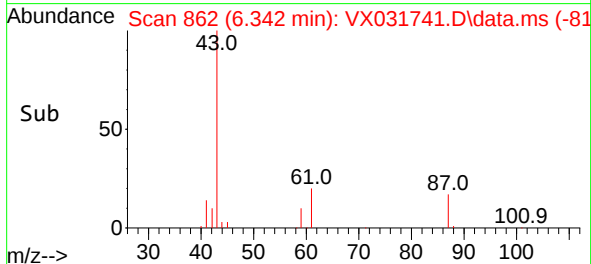
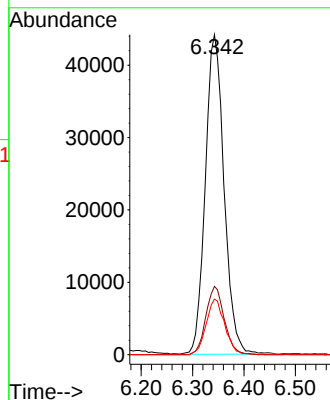
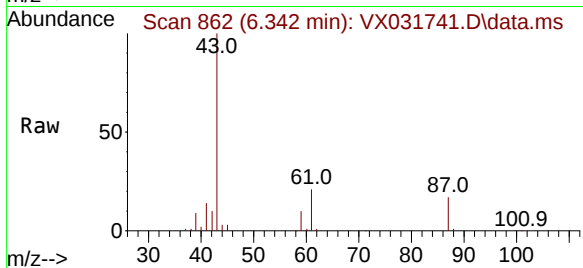
Ion	Ratio	Lower	Upper
43	100		
61	20.9	15.3	22.9
87	17.3	10.6	15.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2022

Supervised By :Mahesh Dadoda 09/30/2022



#44

Trichloroethene

Concen: 52.885 ug/l

RT: 7.123 min Scan# 990

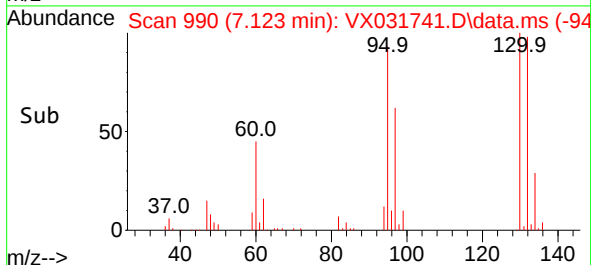
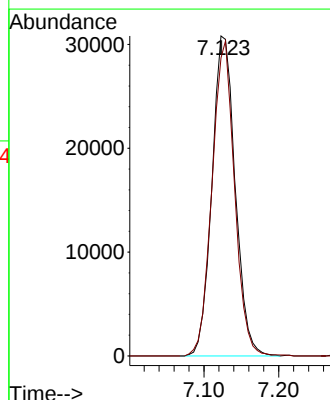
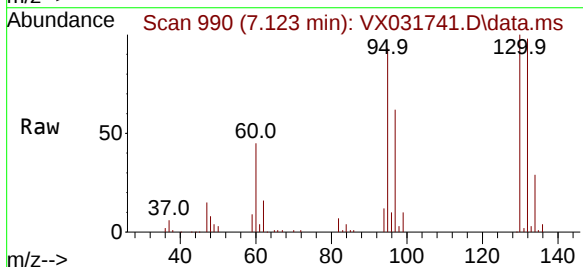
Delta R.T. -0.006 min

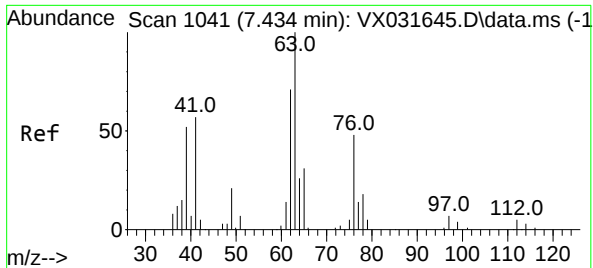
Lab File: VX031741.D

Acq: 28 Sep 2022 21:07

Tgt Ion:130 Resp: 66615

Ion	Ratio	Lower	Upper
130	100		
95	93.1	0.0	206.8





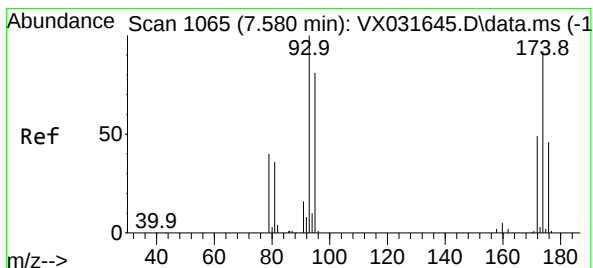
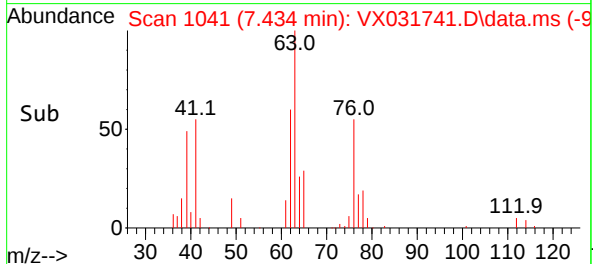
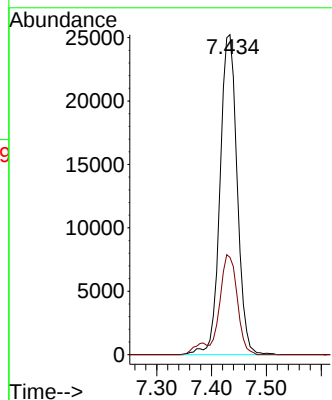
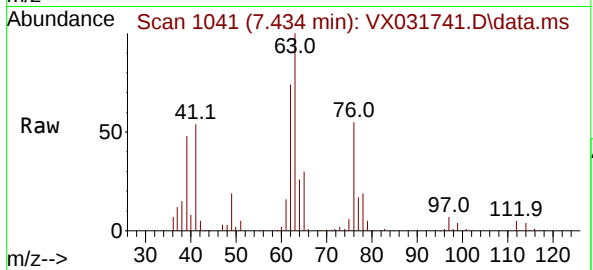
#45
1,2-Dichloropropane
Concen: 50.725 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VX031741.D
Acq: 28 Sep 2022 21:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 5490
Ion Ratio Lower Upper
63 100
65 30.4 26.6 39.8

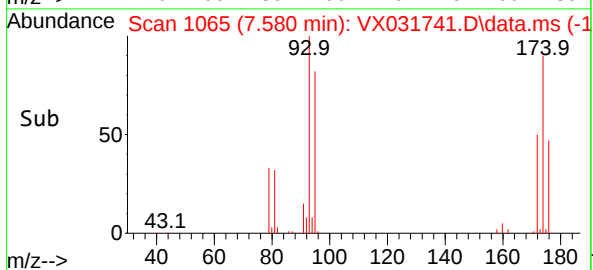
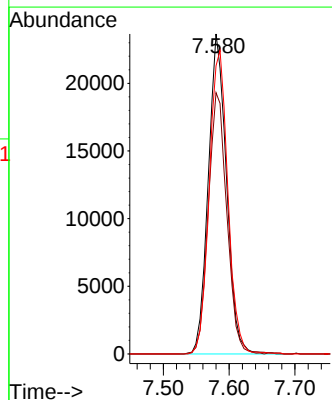
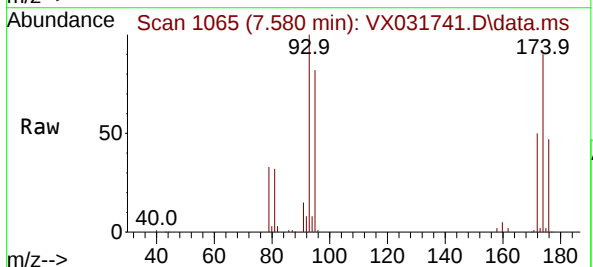
Manual Integrations
APPROVED

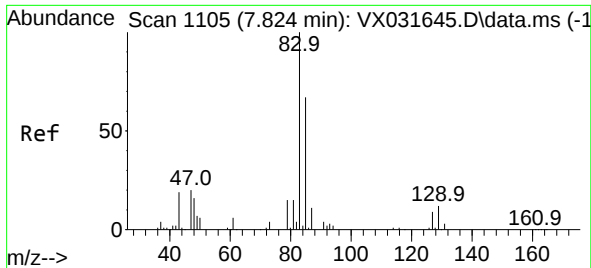
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022



#46
Dibromomethane
Concen: 52.483 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VX031741.D
Acq: 28 Sep 2022 21:07

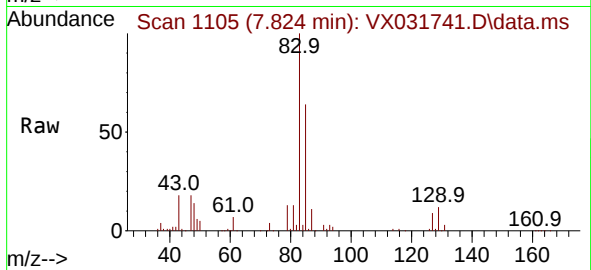
Tgt Ion: 93 Resp: 45618
Ion Ratio Lower Upper
93 100
95 82.8 65.5 98.3
174 96.8 67.6 101.4





#47
Bromodichloromethane
Concen: 55.256 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX031741.D
Acq: 28 Sep 2022 21:07

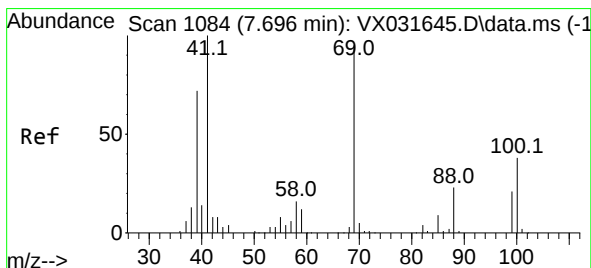
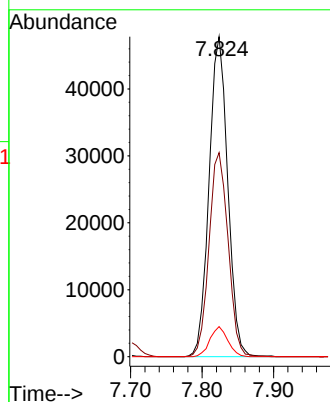
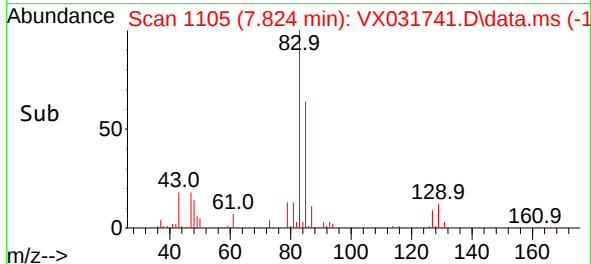
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 86669
Ion Ratio Lower Upper
83 100
85 63.8 51.0 76.6
127 9.4 7.0 10.6

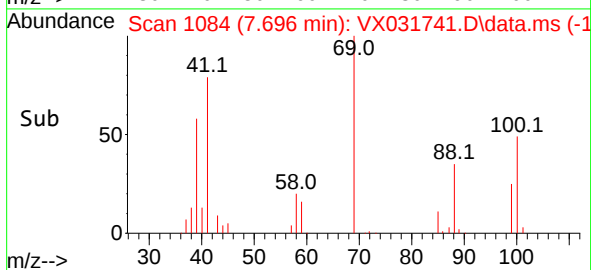
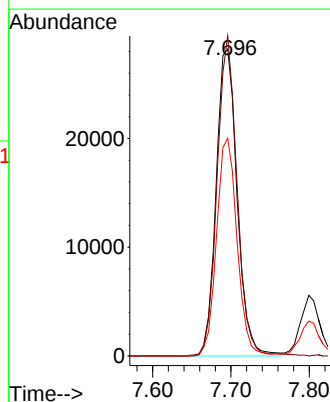
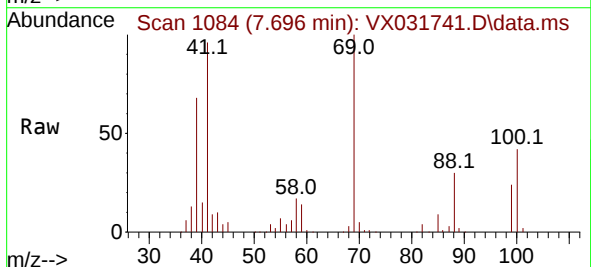
Manual Integrations
APPROVED

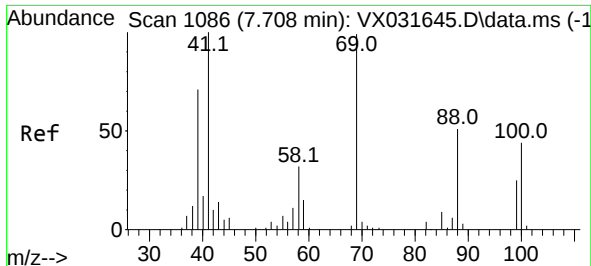
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022



#48
Methyl methacrylate
Concen: 51.906 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX031741.D
Acq: 28 Sep 2022 21:07

Tgt Ion: 41 Resp: 52620
Ion Ratio Lower Upper
41 100
69 98.9 64.6 96.8#
39 69.5 51.4 77.0





#49

1,4-Dioxane

Concen: 1155.943 ug/l

RT: 7.702 min Scan# 1086

Delta R.T. 0.018 min

Lab File: VX031741.D

Acq: 28 Sep 2022 21:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 28349

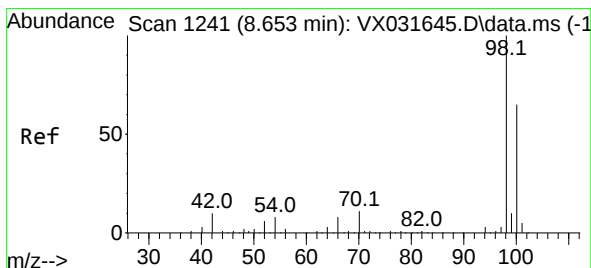
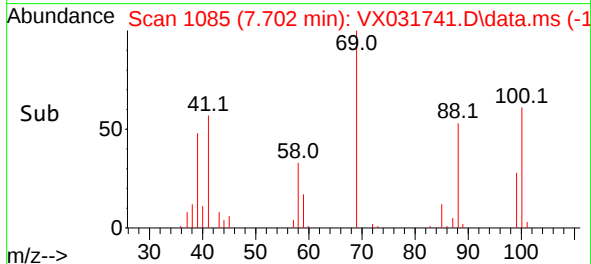
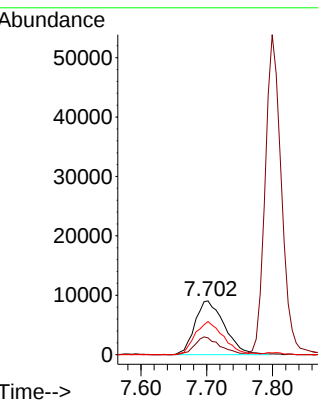
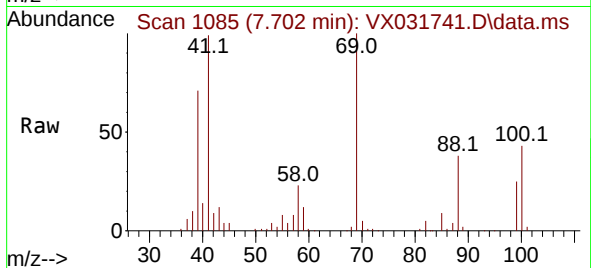
Ion	Ratio	Lower	Upper
88	100		
43	27.9	27.1	40.7
58	59.2	53.9	80.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2022

Supervised By :Mahesh Dadoda 09/30/2022



#50

Toluene-d8

Concen: 45.099 ug/l

RT: 8.653 min Scan# 1241

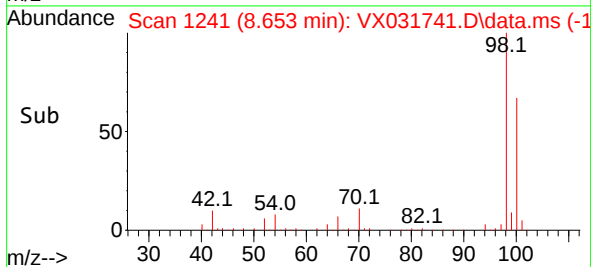
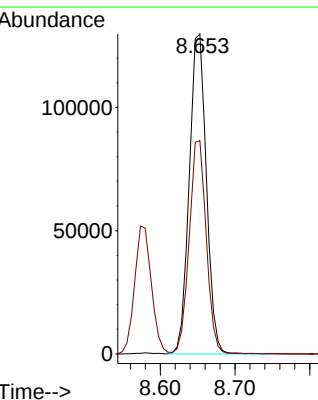
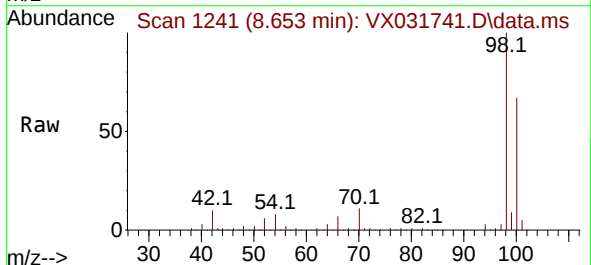
Delta R.T. -0.000 min

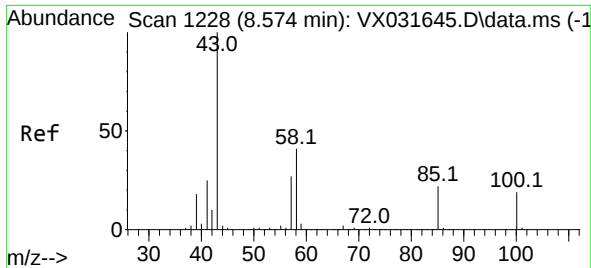
Lab File: VX031741.D

Acq: 28 Sep 2022 21:07

Tgt Ion: 98 Resp: 206726

Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.5	78.7





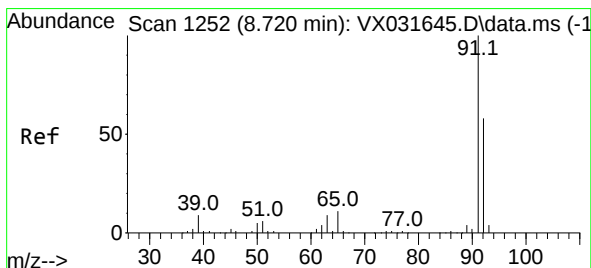
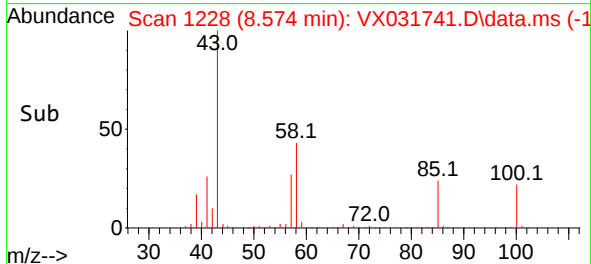
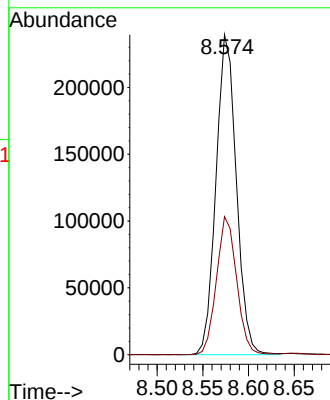
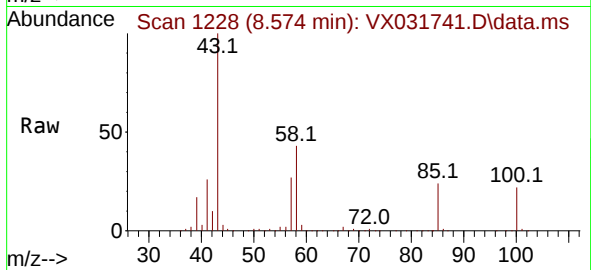
#51
4-Methyl-2-Pentanone
Concen: 254.216 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX031741.D
Acq: 28 Sep 2022 21:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 370910
Ion Ratio Lower Upper
43 100
58 42.9 30.6 46.0

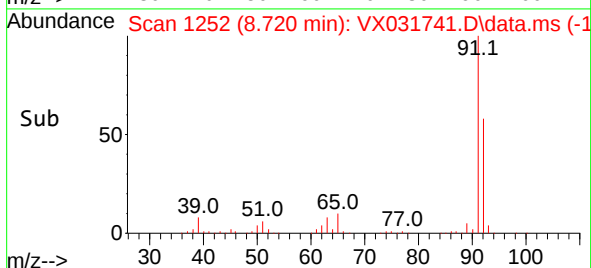
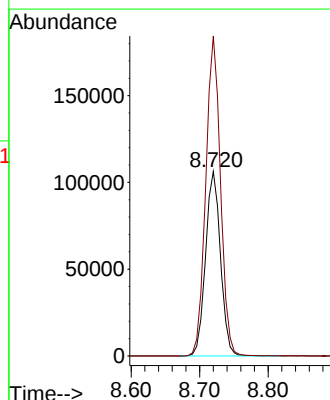
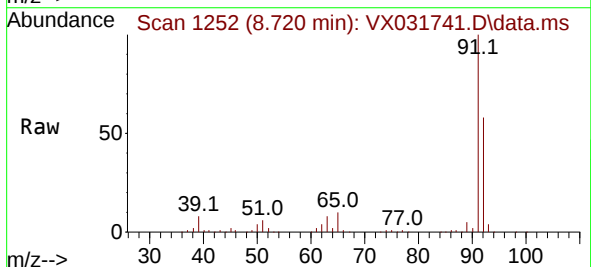
Manual Integrations
APPROVED

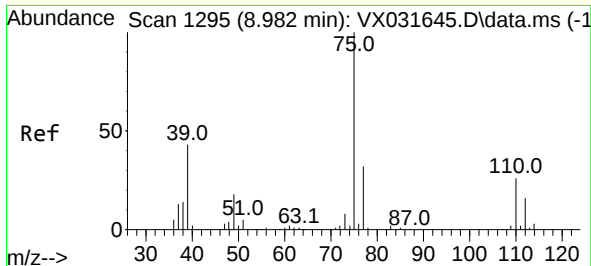
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022



#52
Toluene
Concen: 54.186 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX031741.D
Acq: 28 Sep 2022 21:07

Tgt Ion: 92 Resp: 161077
Ion Ratio Lower Upper
92 100
91 171.3 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 47.885 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX031741.D

Acq: 28 Sep 2022 21:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 86590

Ion Ratio Lower Upper

75 100

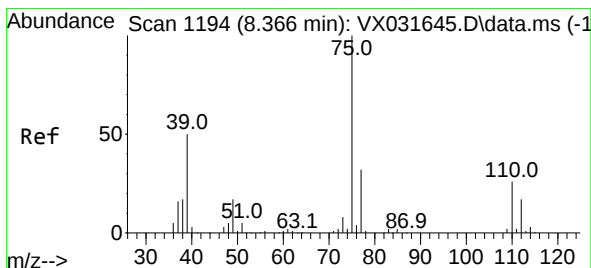
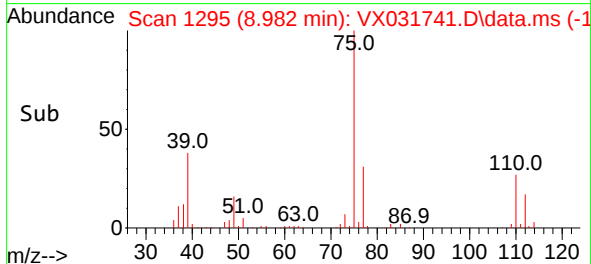
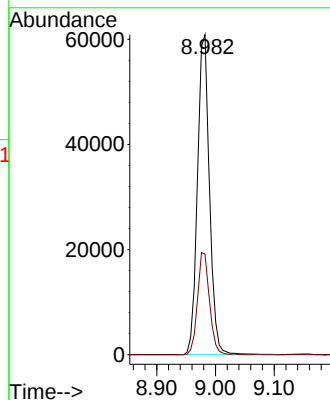
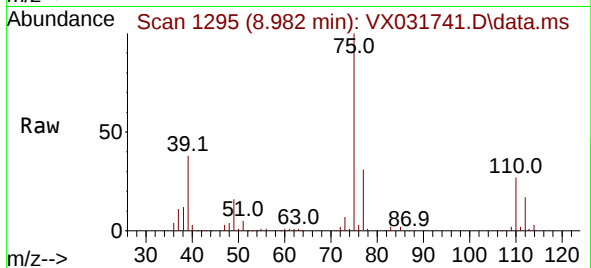
77 31.4 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2022

Supervised By :Mahesh Dadoda 09/30/2022



#54

cis-1,3-Dichloropropene

Concen: 56.122 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX031741.D

Acq: 28 Sep 2022 21:07

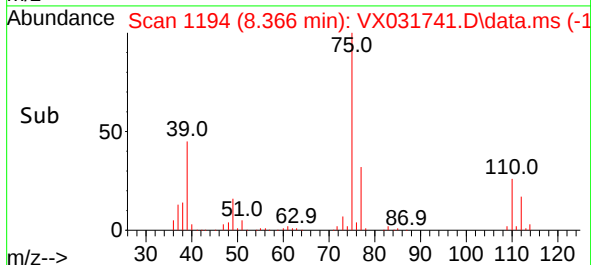
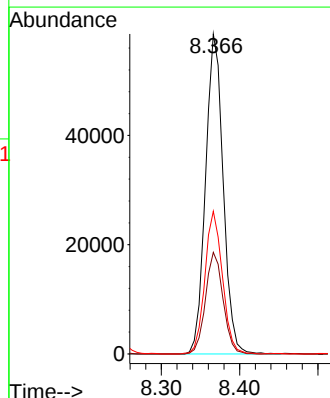
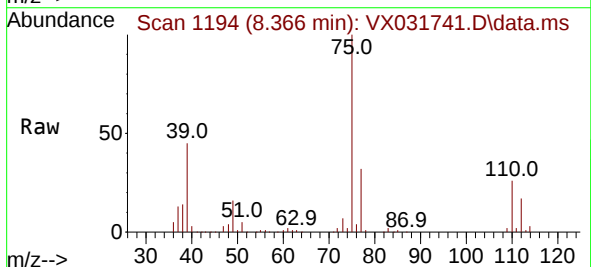
Tgt Ion: 75 Resp: 91480

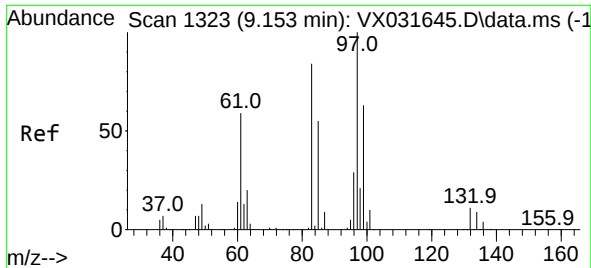
Ion Ratio Lower Upper

75 100

77 31.8 24.4 36.6

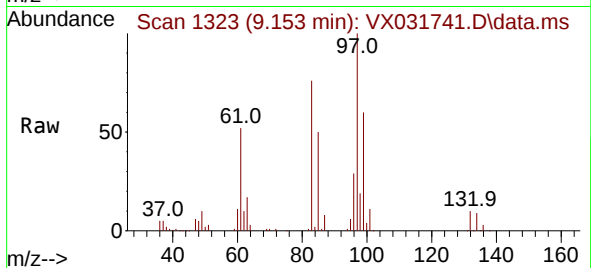
39 44.6 43.7 65.5





#55
1,1,2-Trichloroethane
Concen: 54.551 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX031741.D
Acq: 28 Sep 2022 21:07

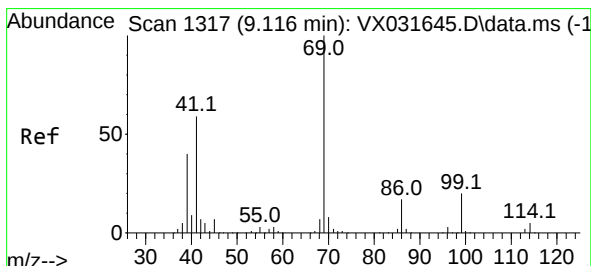
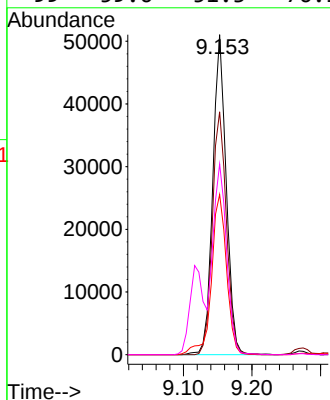
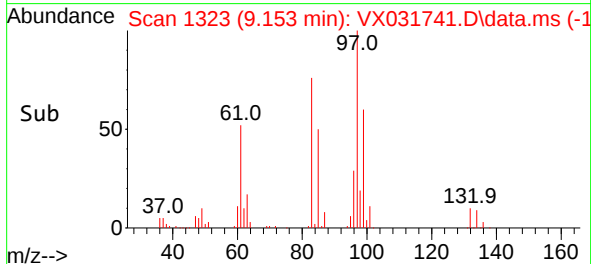
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:	97	Resp:	69819
Ion	Ratio	Lower	Upper
97	100		
83	75.9	69.0	103.6
85	50.0	44.1	66.1
99	59.6	51.3	76.9

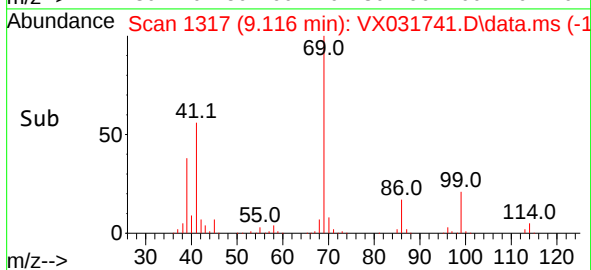
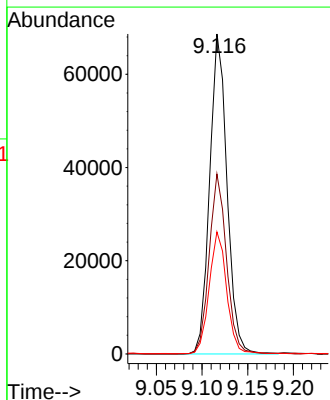
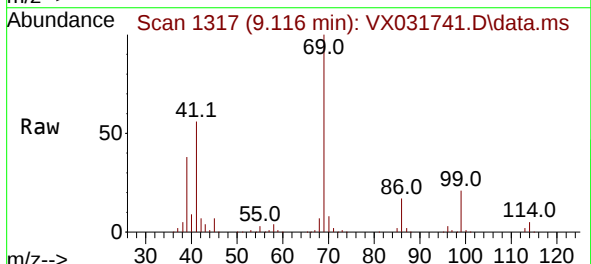
Manual Integrations
APPROVED

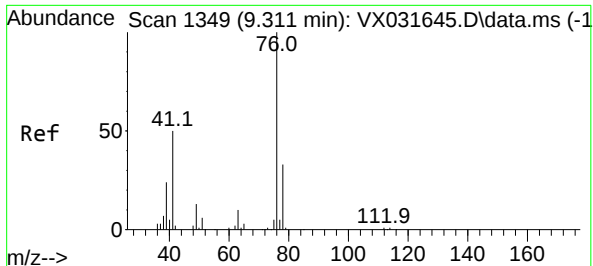
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022



#56
Ethyl methacrylate
Concen: 55.443 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX031741.D
Acq: 28 Sep 2022 21:07

Tgt Ion:	69	Resp:	90789
Ion	Ratio	Lower	Upper
69	100		
41	56.2	54.2	81.4
39	38.2	34.2	51.2





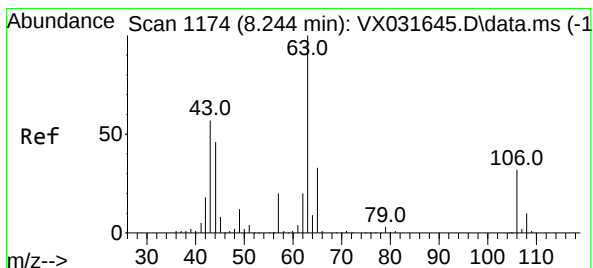
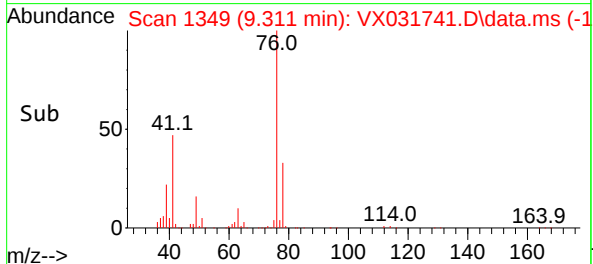
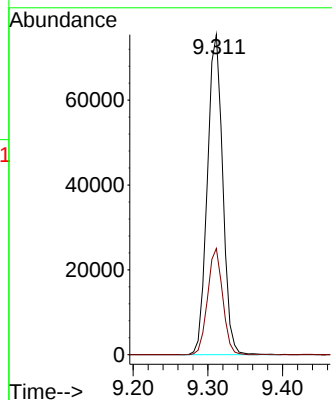
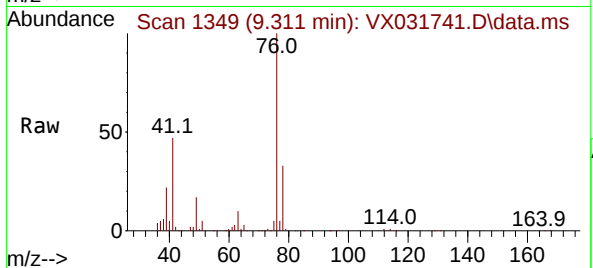
#57
1,3-Dichloropropane
Concen: 53.111 ug/l
RT: 9.311 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX031741.D
Acq: 28 Sep 2022 21:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 107650
Ion Ratio Lower Upper
76 100
78 32.5 25.5 38.3

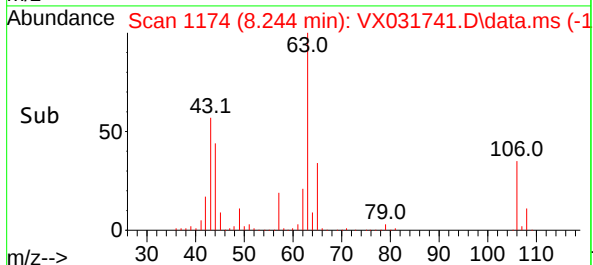
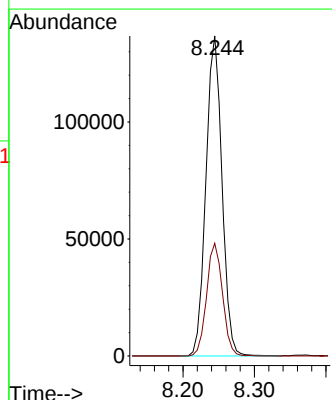
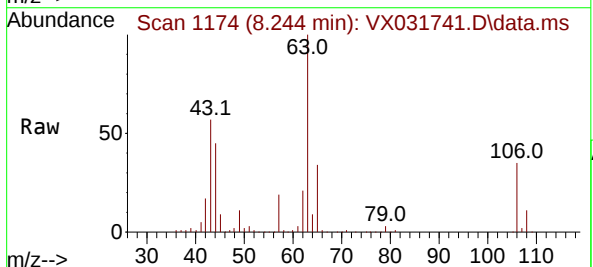
Manual Integrations
APPROVED

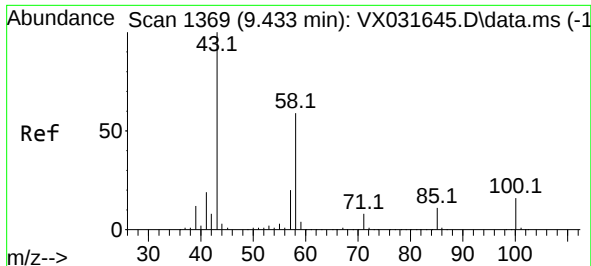
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022



#58
2-Chloroethyl Vinyl ether
Concen: 264.537 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX031741.D
Acq: 28 Sep 2022 21:07

Tgt Ion: 63 Resp: 213304
Ion Ratio Lower Upper
63 100
106 34.9 22.6 34.0#





#59

2-Hexanone

Concen: 255.841 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX031741.D

Acq: 28 Sep 2022 21:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 27851

Ion Ratio Lower Upper

43 100

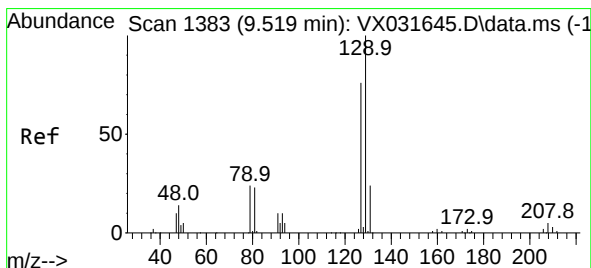
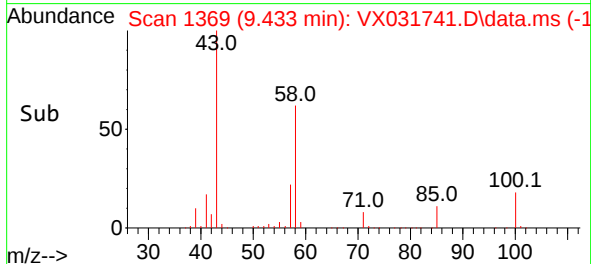
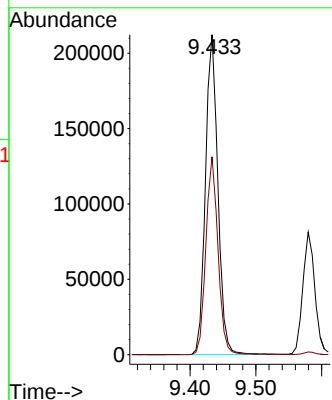
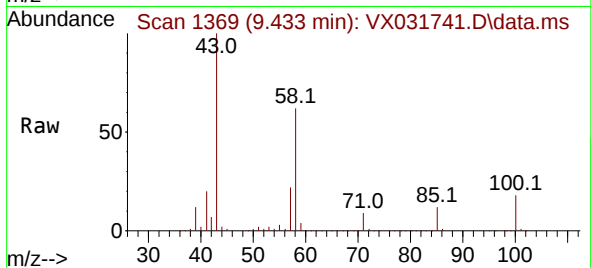
58 60.8 26.7 80.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2022

Supervised By :Mahesh Dadoda 09/30/2022



#60

Dibromochloromethane

Concen: 50.323 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX031741.D

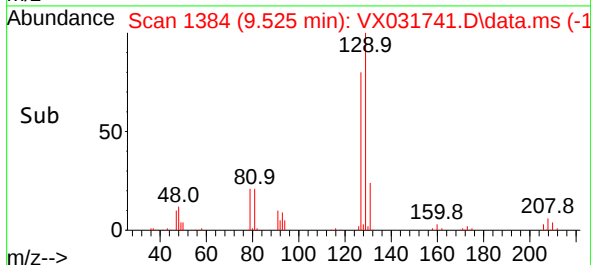
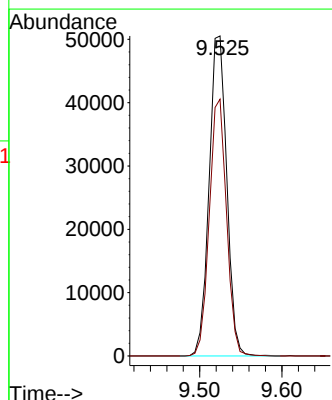
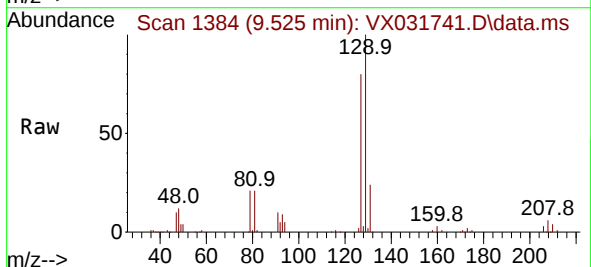
Acq: 28 Sep 2022 21:07

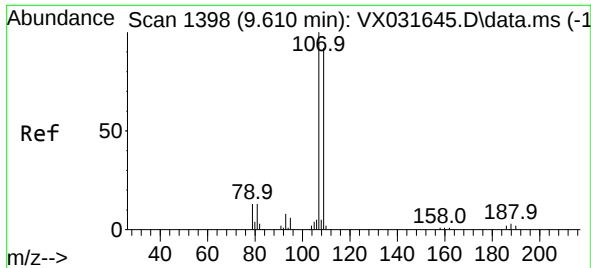
Tgt Ion:129 Resp: 75218

Ion Ratio Lower Upper

129 100

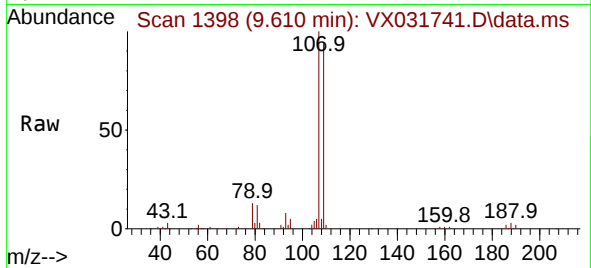
127 78.5 38.7 116.1





#61
1,2-Dibromoethane
Concen: 58.095 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX031741.D
Acq: 28 Sep 2022 21:07

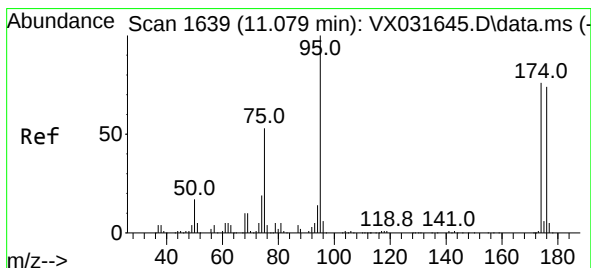
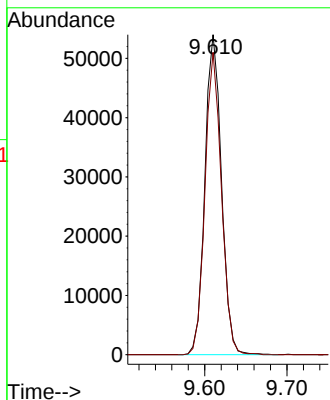
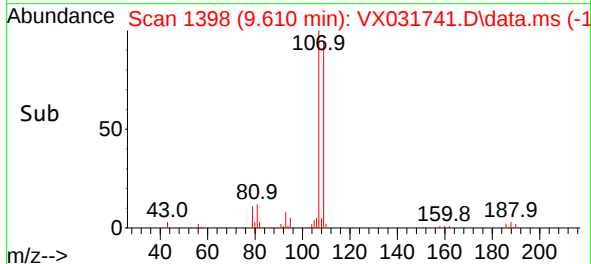
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 7547
Ion Ratio Lower Upper
107 100
109 93.5 74.2 111.4

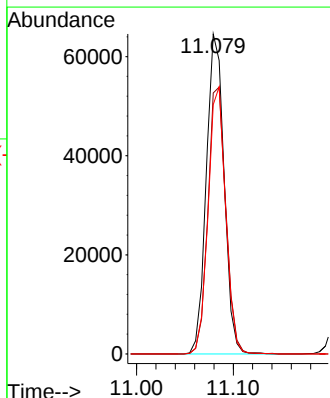
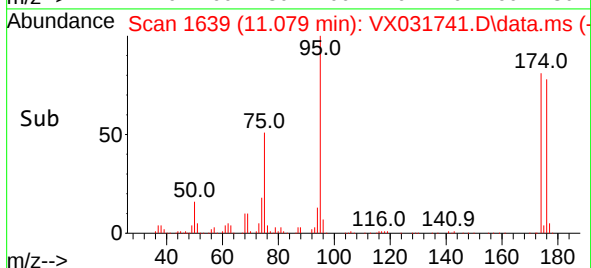
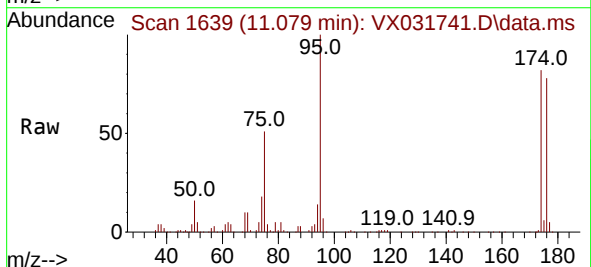
Manual Integrations
APPROVED

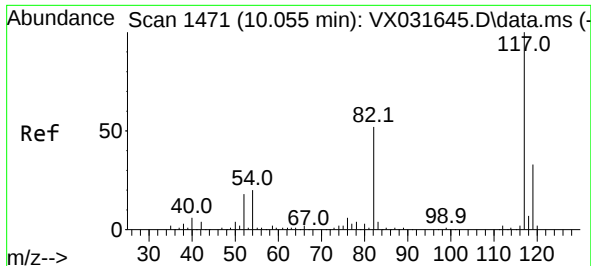
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022



#62
4-Bromofluorobenzene
Concen: 49.133 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031741.D
Acq: 28 Sep 2022 21:07

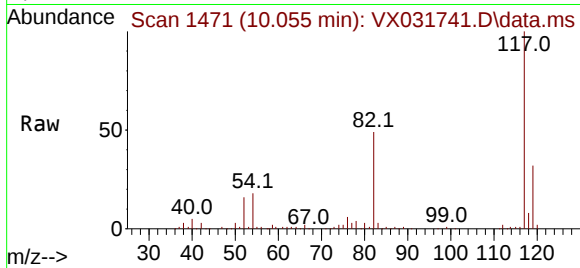
Tgt Ion: 95 Resp: 82546
Ion Ratio Lower Upper
95 100
174 84.2 0.0 153.2
176 82.2 0.0 144.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031741.D
Acq: 28 Sep 2022 21:07

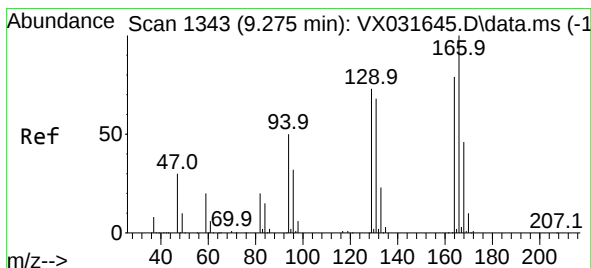
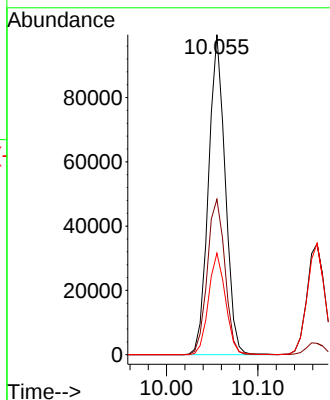
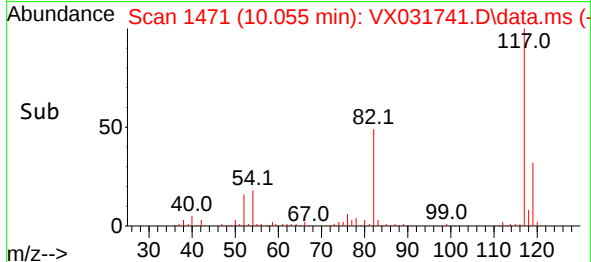
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



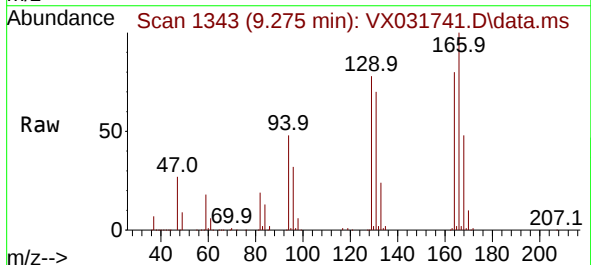
Tgt Ion:117 Resp: 126179
Ion Ratio Lower Upper
117 100
82 48.5 46.8 70.2
119 31.7 26.4 39.6

Manual Integrations
APPROVED

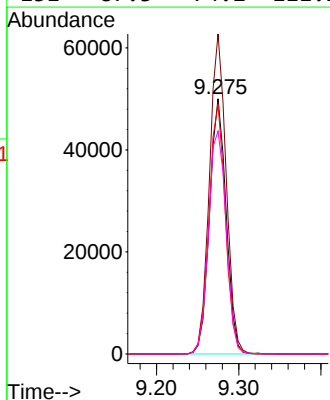
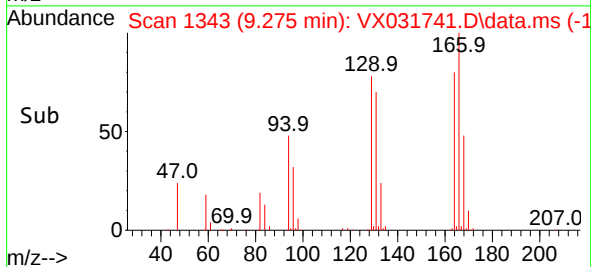
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022

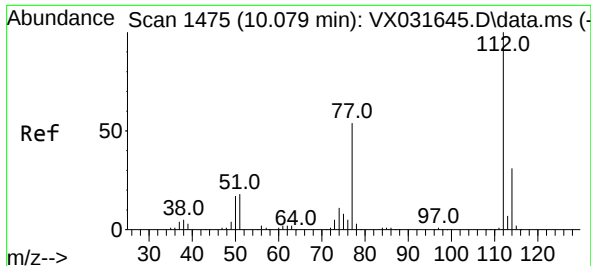


#64
Tetrachloroethene
Concen: 51.967 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX031741.D
Acq: 28 Sep 2022 21:07



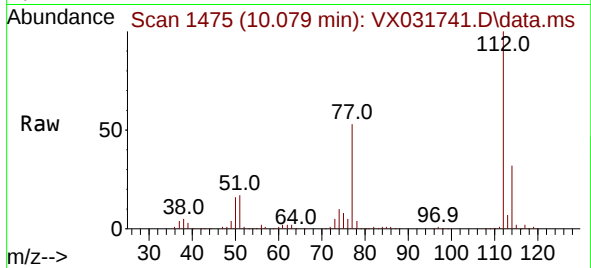
Tgt Ion:164 Resp: 70087
Ion Ratio Lower Upper
164 100
166 125.4 99.0 148.4
129 97.6 78.0 117.0
131 87.3 74.2 111.2





#65
Chlorobenzene
Concen: 53.379 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX031741.D
Acq: 28 Sep 2022 21:07

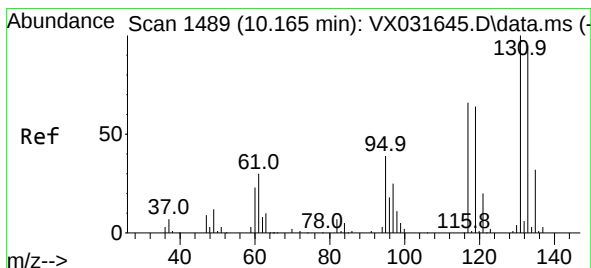
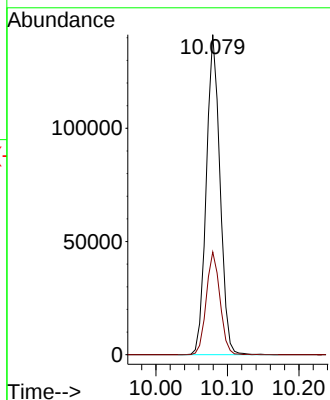
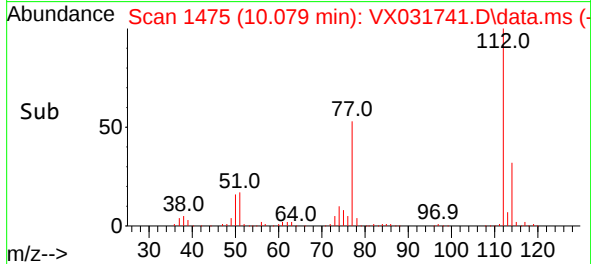
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 18764
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5

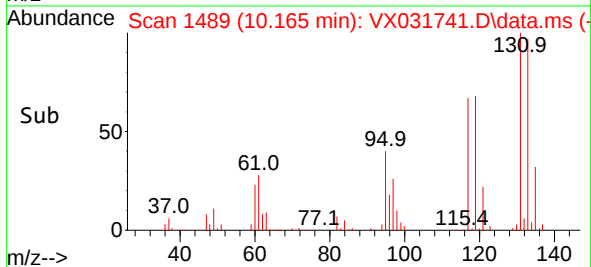
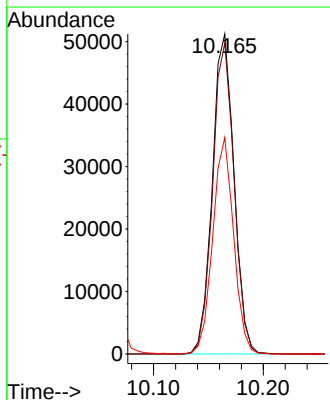
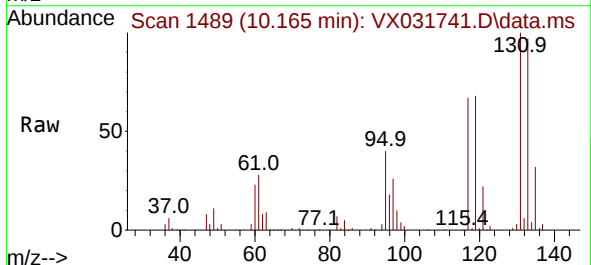
Manual Integrations
APPROVED

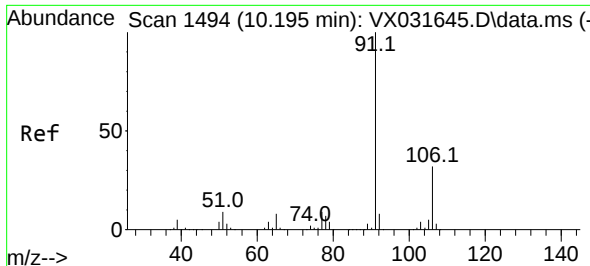
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 55.654 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX031741.D
Acq: 28 Sep 2022 21:07

Tgt Ion:131 Resp: 70393
Ion Ratio Lower Upper
131 100
133 96.2 46.6 139.7
119 65.1 31.9 95.9





#67

Ethyl Benzene

Concen: 53.085 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX031741.D

Acq: 28 Sep 2022 21:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 31744

Ion Ratio Lower Upper

91 100

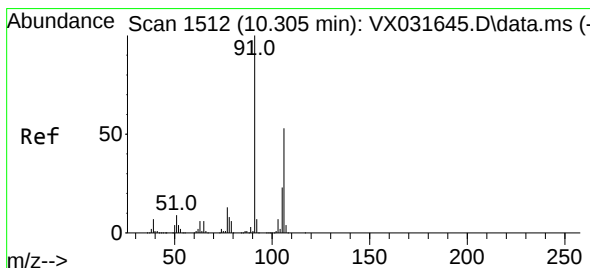
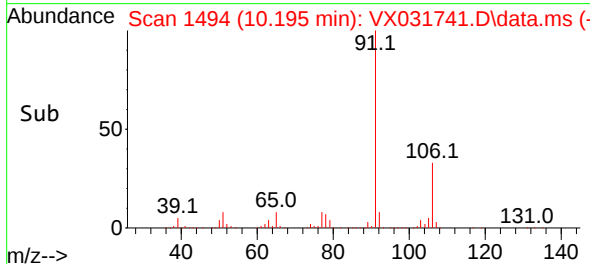
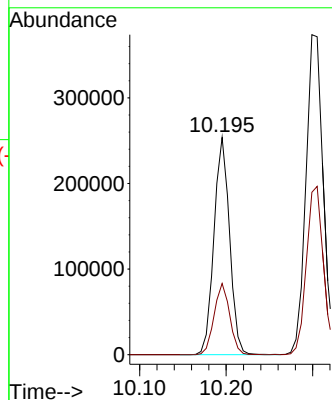
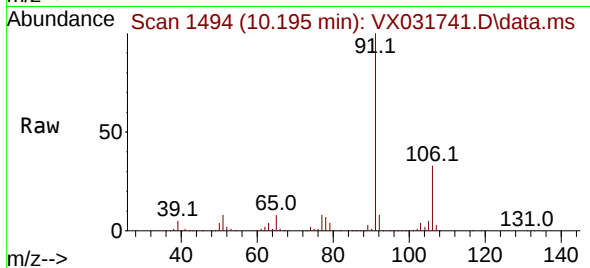
106 32.8 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2022

Supervised By :Mahesh Dadoda 09/30/2022



#68

m/p-Xylenes

Concen: 111.118 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX031741.D

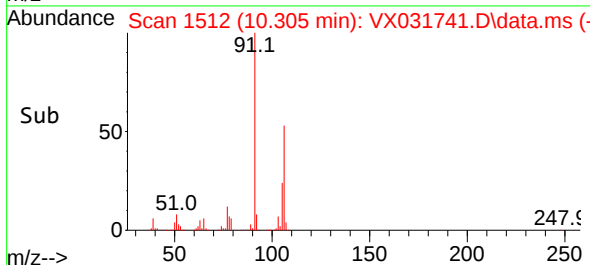
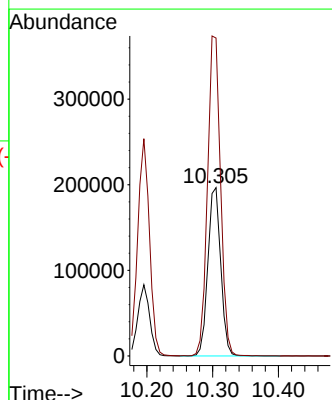
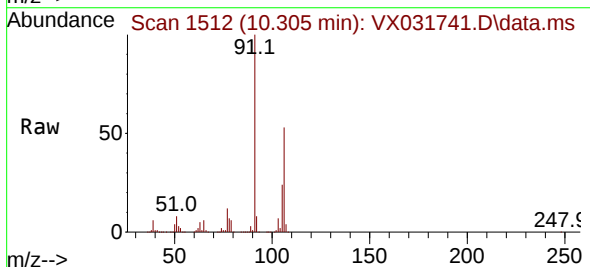
Acq: 28 Sep 2022 21:07

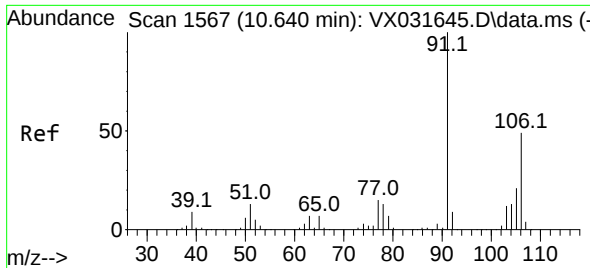
Tgt Ion:106 Resp: 266982

Ion Ratio Lower Upper

106 100

91 193.1 161.0 241.4





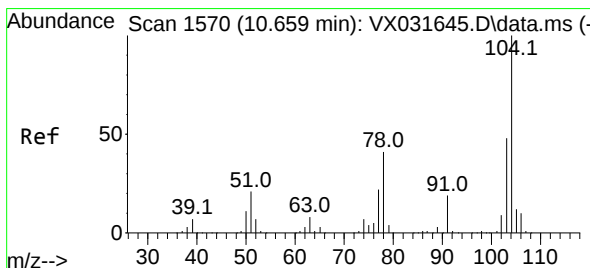
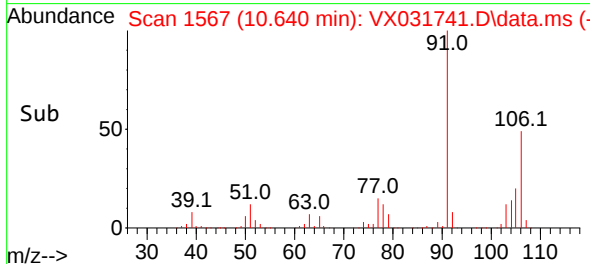
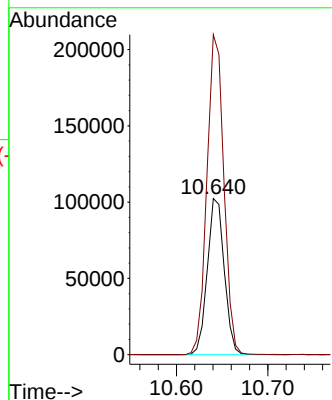
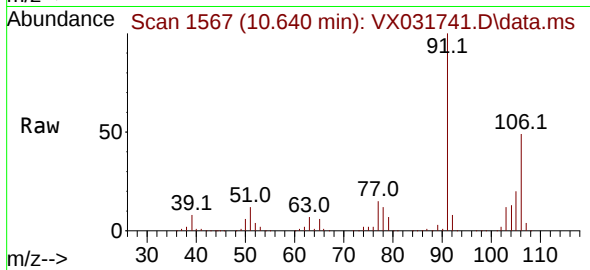
#69
o-Xylene
Concen: 56.064 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX031741.D
Acq: 28 Sep 2022 21:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 131660
Ion Ratio Lower Upper
106 100
91 204.6 107.2 321.6

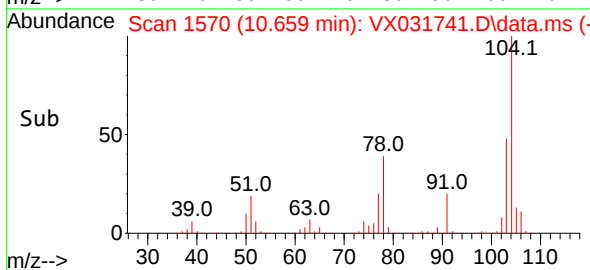
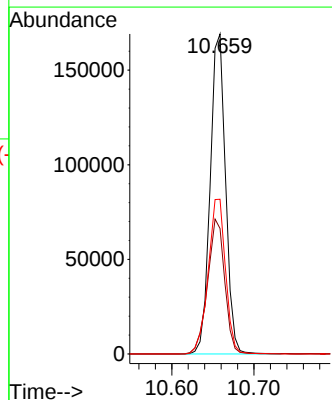
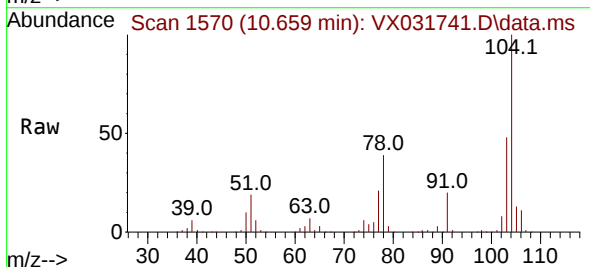
Manual Integrations
APPROVED

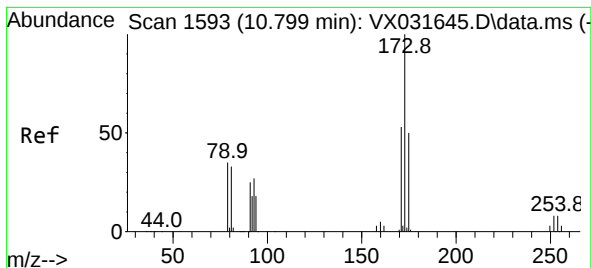
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022



#70
Styrene
Concen: 57.533 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX031741.D
Acq: 28 Sep 2022 21:07

Tgt Ion:104 Resp: 219937
Ion Ratio Lower Upper
104 100
78 47.0 41.4 62.2
103 54.7 43.8 65.8





#71

Bromoform

Concen: 49.436 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX031741.D

Acq: 28 Sep 2022 21:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

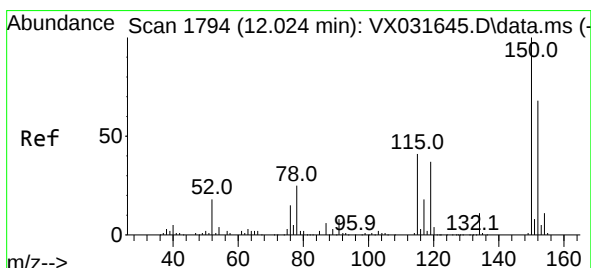
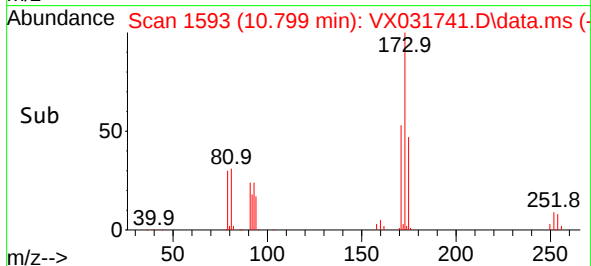
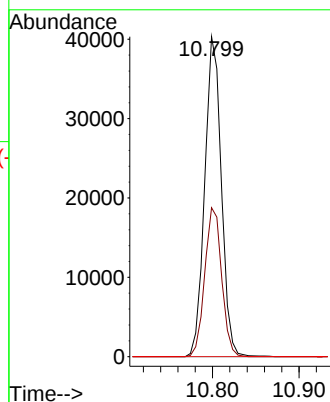
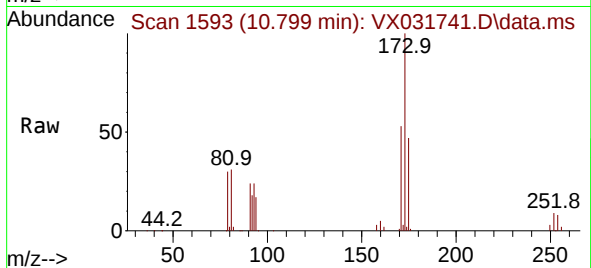
Tgt Ion:173 Resp: 53704
 Ion Ratio Lower Upper
 173 100
 175 47.3 24.0 72.0
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2022

Supervised By :Mahesh Dadoda 09/30/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

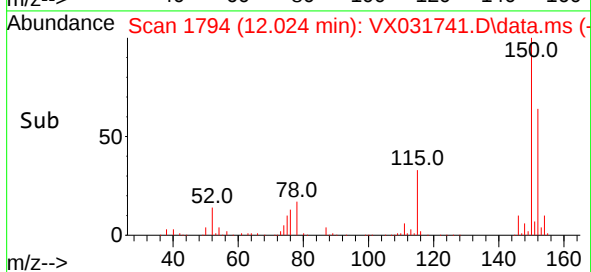
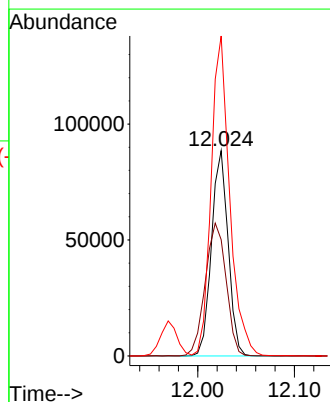
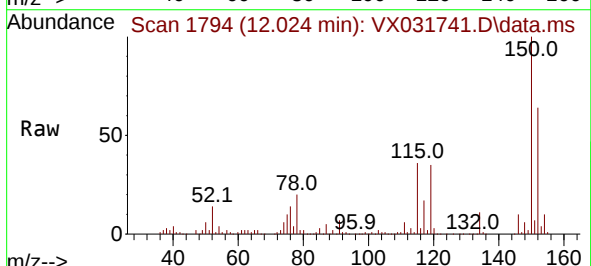
RT: 12.024 min Scan# 1794

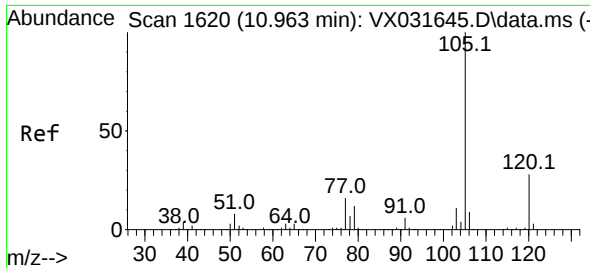
Delta R.T. 0.000 min

Lab File: VX031741.D

Acq: 28 Sep 2022 21:07

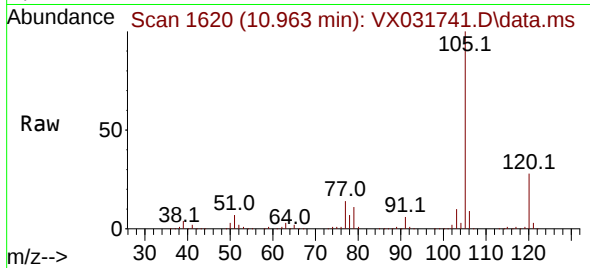
Tgt Ion:152 Resp: 105664
 Ion Ratio Lower Upper
 152 100
 115 81.6 43.4 130.1
 150 174.2 0.0 346.8





#73
Isopropylbenzene
Concen: 51.217 ug/l
RT: 10.963 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX031741.D
Acq: 28 Sep 2022 21:07

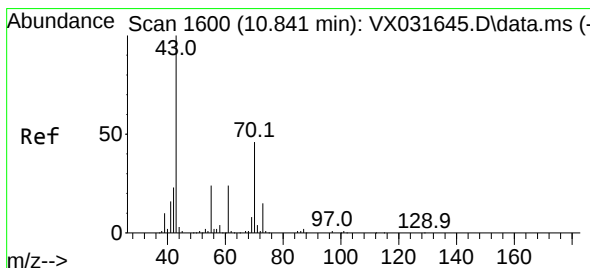
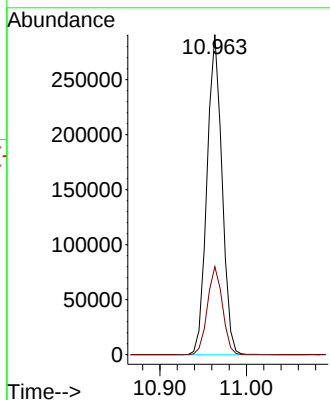
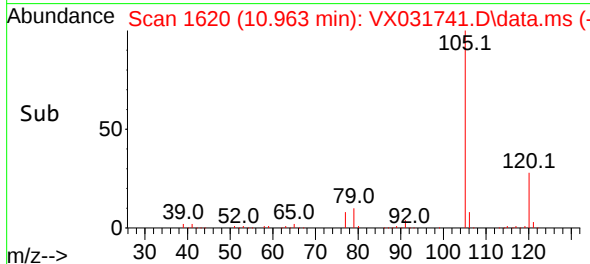
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



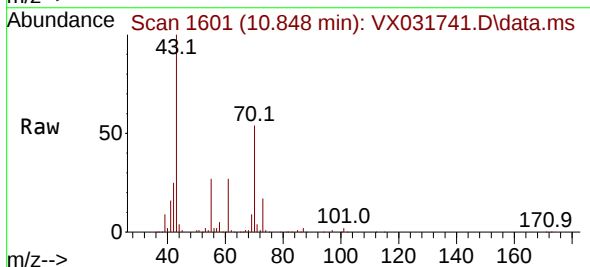
Tgt Ion:105 Resp: 349980
Ion Ratio Lower Upper
105 100
120 27.6 13.7 41.0

Manual Integrations
APPROVED

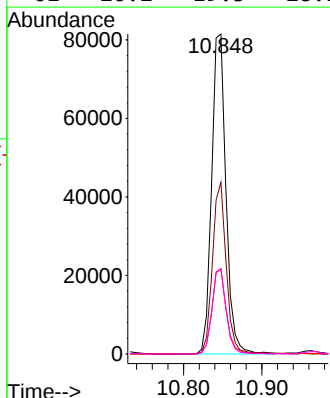
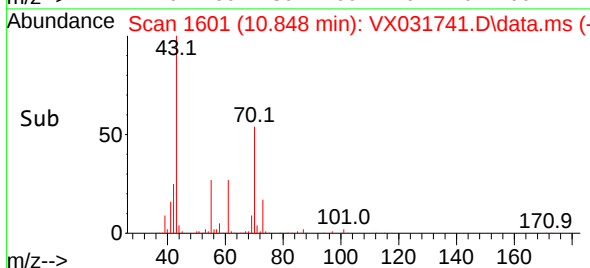
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022

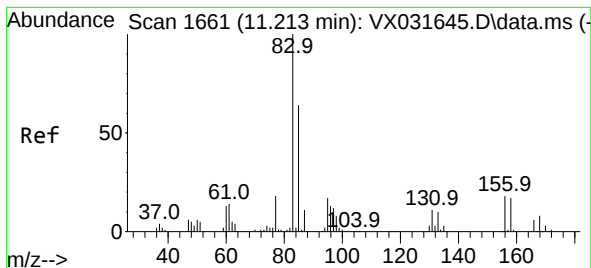


#74
N-ethyl acetate
Concen: 46.712 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX031741.D
Acq: 28 Sep 2022 21:07



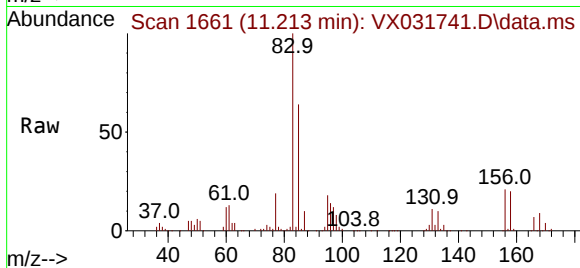
Tgt Ion: 43 Resp: 103541
Ion Ratio Lower Upper
43 100
70 51.6 33.4 50.2#
55 26.8 18.2 27.2
61 26.2 19.3 28.9





#75
1,1,2,2-Tetrachloroethane
Concen: 49.077 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX031741.D
Acq: 28 Sep 2022 21:07

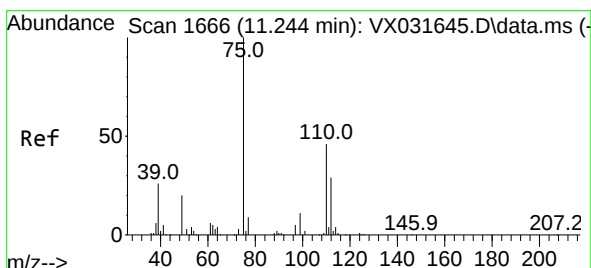
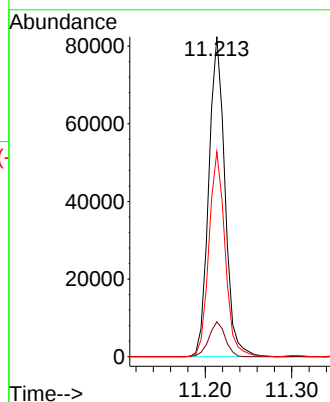
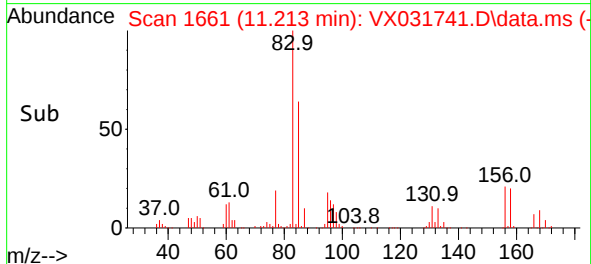
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



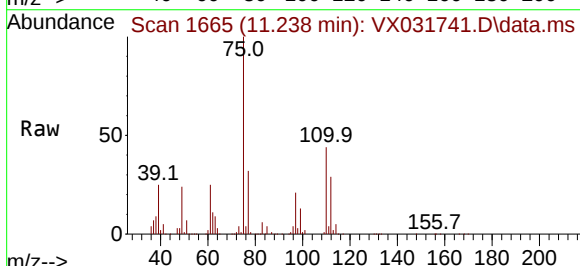
Tgt Ion: 83 Resp: 106558
Ion Ratio Lower Upper
83 100
131 11.1 5.1 15.4
85 64.0 32.6 97.8

Manual Integrations
APPROVED

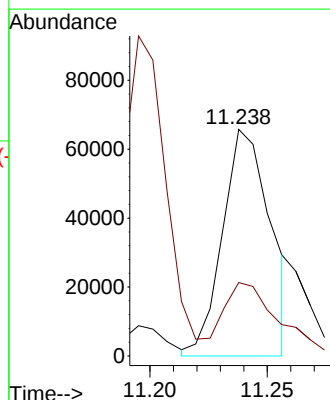
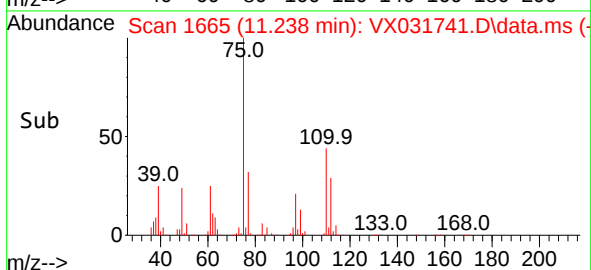
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022

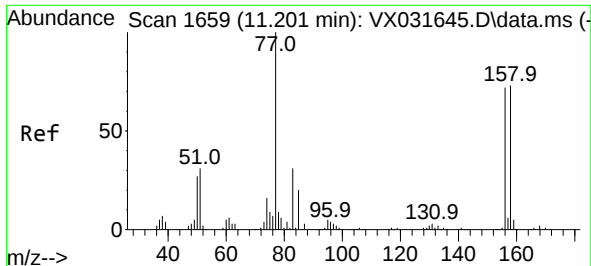


#76
1,2,3-Trichloropropane
Concen: 48.601 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX031741.D
Acq: 28 Sep 2022 21:07



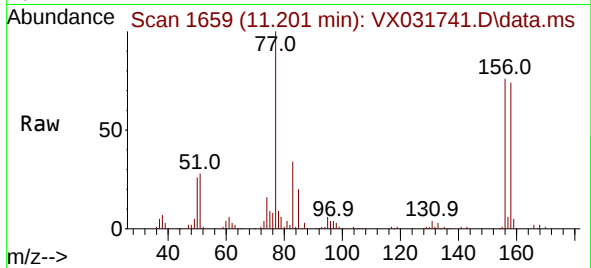
Tgt Ion: 75 Resp: 93099
Ion Ratio Lower Upper
75 100
77 38.5 20.3 60.9





#77
Bromobenzene
Concen: 49.989 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX031741.D
Acq: 28 Sep 2022 21:07

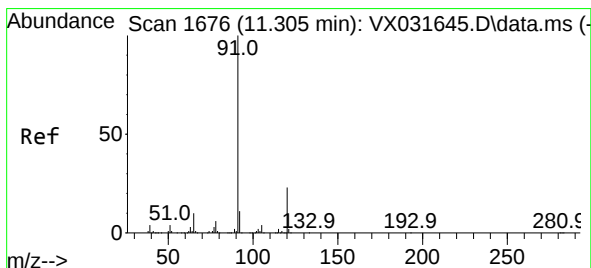
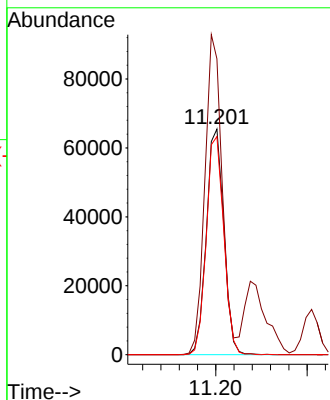
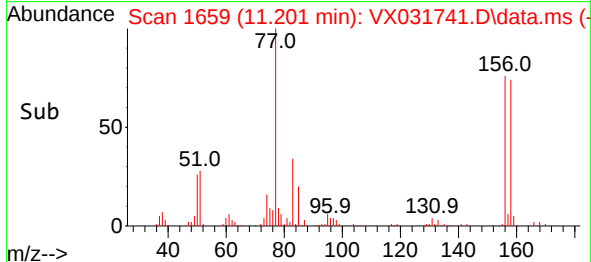
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



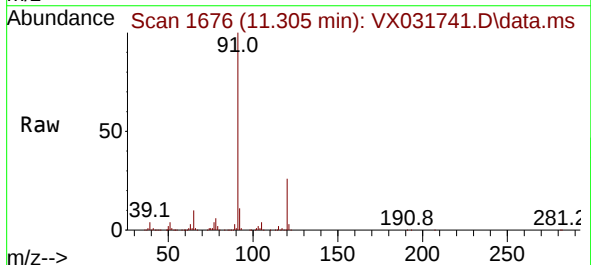
Tgt Ion:156 Resp: 8683
Ion Ratio Lower Upper
156 100
77 138.2 79.5 238.6
158 96.7 48.4 145.3

Manual Integrations
APPROVED

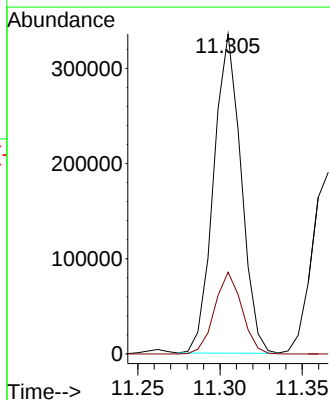
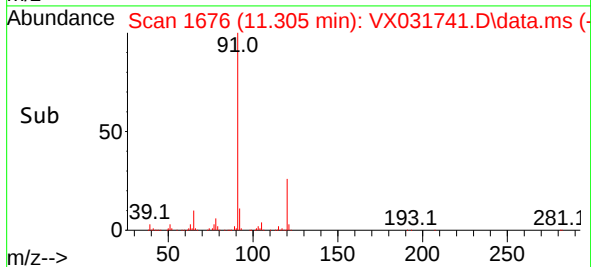
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022

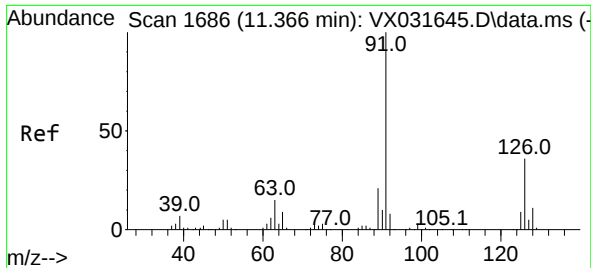


#78
n-propylbenzene
Concen: 51.232 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX031741.D
Acq: 28 Sep 2022 21:07



Tgt Ion: 91 Resp: 389573
Ion Ratio Lower Upper
91 100
120 25.4 11.8 35.4





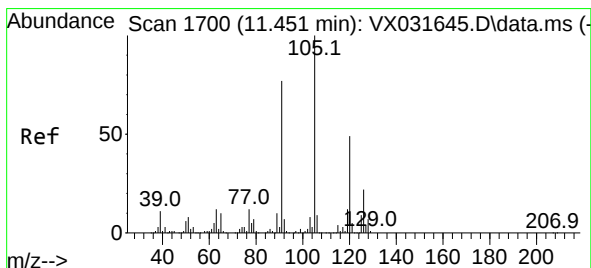
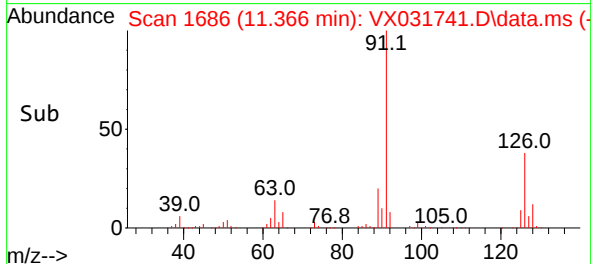
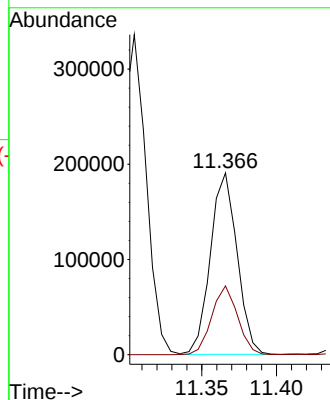
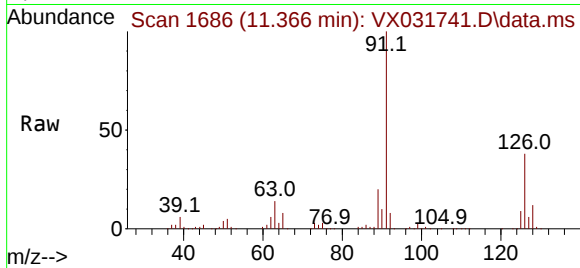
#79
2-Chlorotoluene
Concen: 50.392 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX031741.D
Acq: 28 Sep 2022 21:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 236620
Ion Ratio Lower Upper
91 100
126 36.7 17.4 52.3

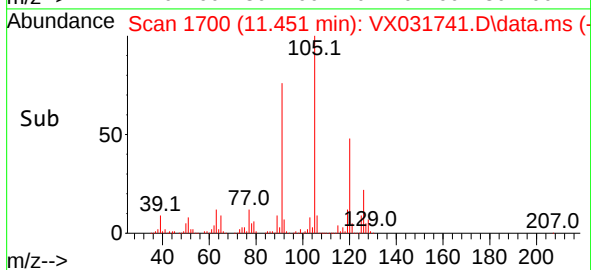
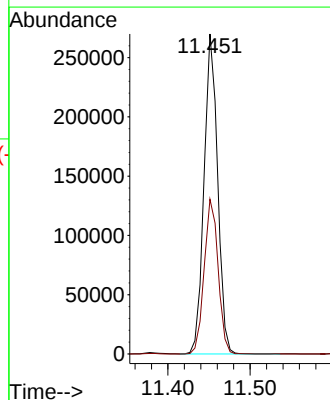
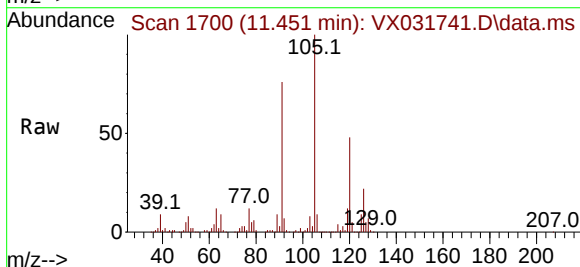
Manual Integrations
APPROVED

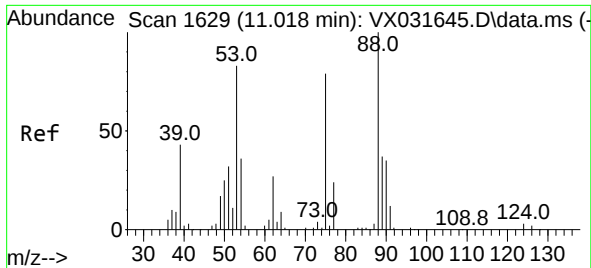
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022



#80
1,3,5-Trimethylbenzene
Concen: 53.472 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX031741.D
Acq: 28 Sep 2022 21:07

Tgt Ion:105 Resp: 309739
Ion Ratio Lower Upper
105 100
120 49.7 24.5 73.5





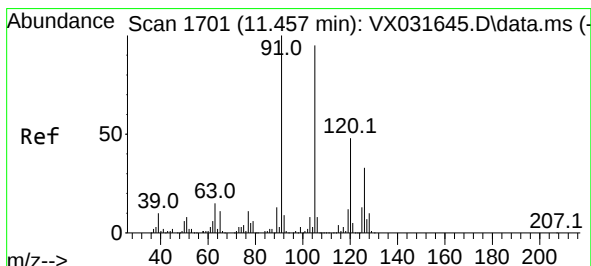
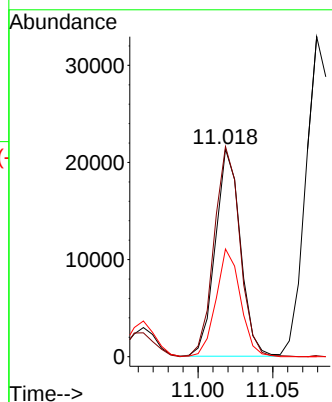
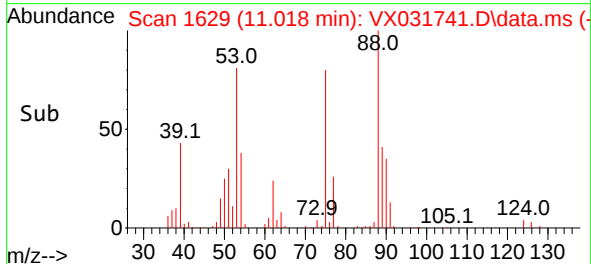
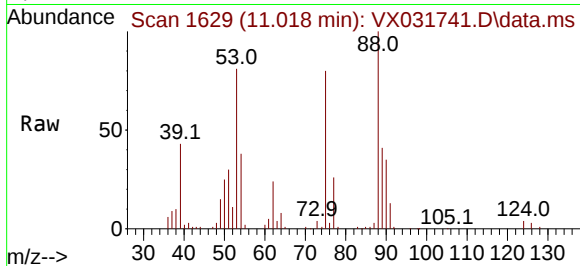
#81
trans-1,4-Dichloro-2-butene
Concen: 44.521 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX031741.D
Acq: 28 Sep 2022 21:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 2486
Ion Ratio Lower Upper
75 100
53 104.3 77.6 116.4
89 50.8 37.4 56.0

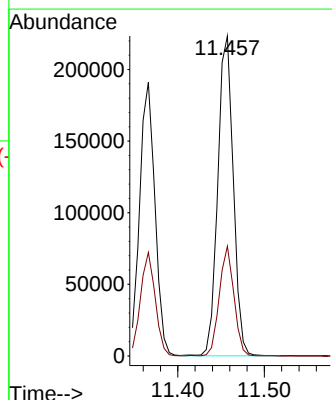
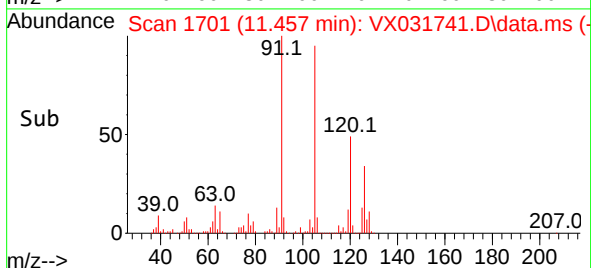
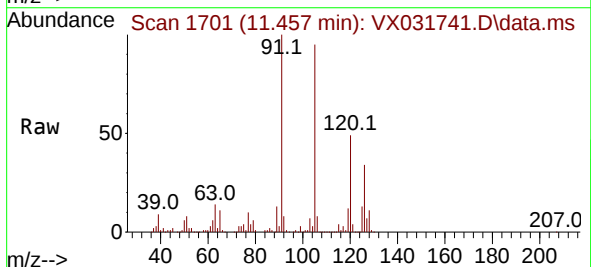
Manual Integrations
APPROVED

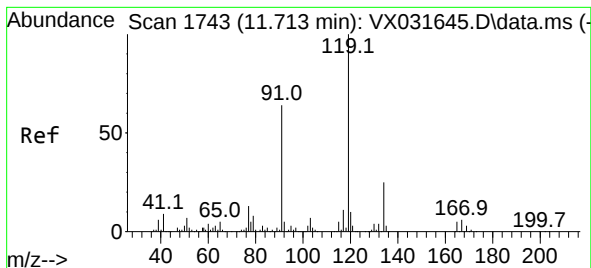
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022



#82
4-Chlorotoluene
Concen: 51.198 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX031741.D
Acq: 28 Sep 2022 21:07

Tgt Ion: 91 Resp: 277734
Ion Ratio Lower Upper
91 100
126 32.5 15.1 45.3





#83

tert-Butylbenzene

Concen: 54.766 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.006 min

Lab File: VX031741.D

Acq: 28 Sep 2022 21:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

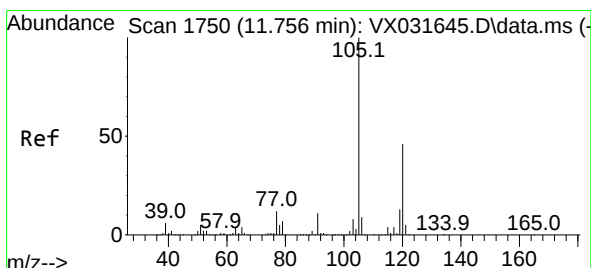
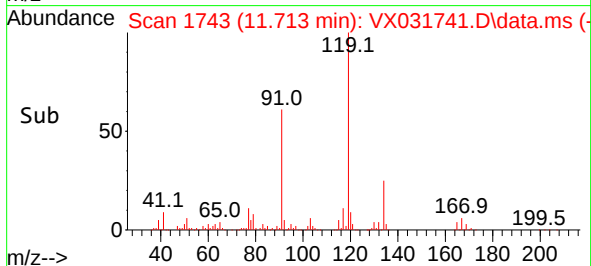
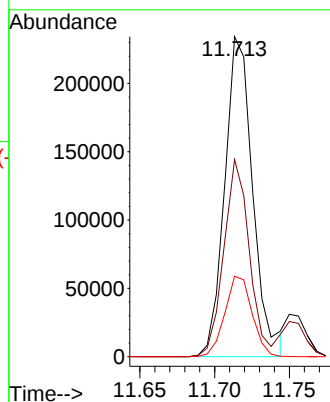
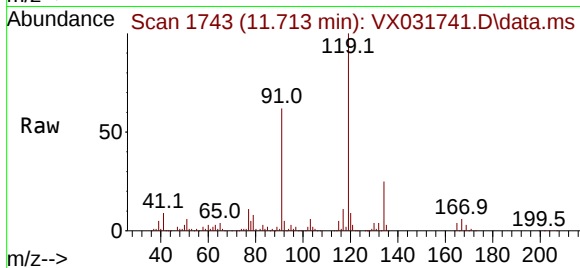
Tgt Ion:	119	Resp:	30591
Ion Ratio	Lower	Upper	
119	100		
91	55.8	29.2	87.6
134	24.4	11.6	34.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2022

Supervised By :Mahesh Dadoda 09/30/2022



#84

1,2,4-Trimethylbenzene

Concen: 53.864 ug/l

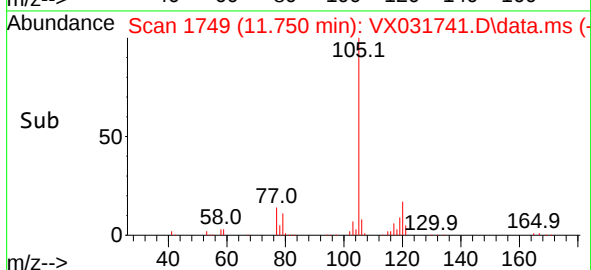
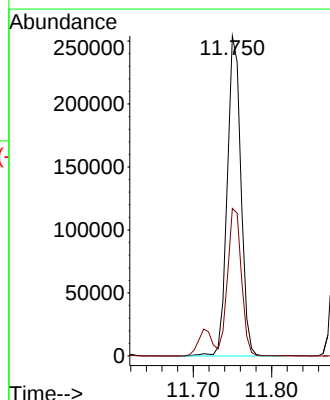
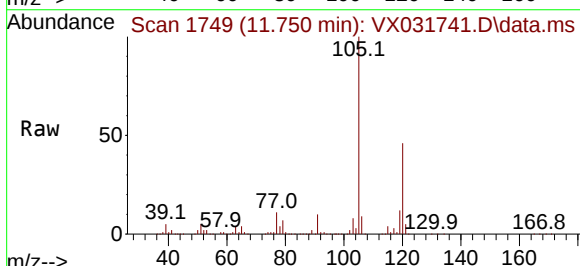
RT: 11.750 min Scan# 1749

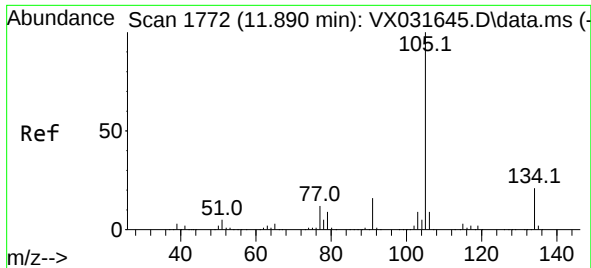
Delta R.T. -0.006 min

Lab File: VX031741.D

Acq: 28 Sep 2022 21:07

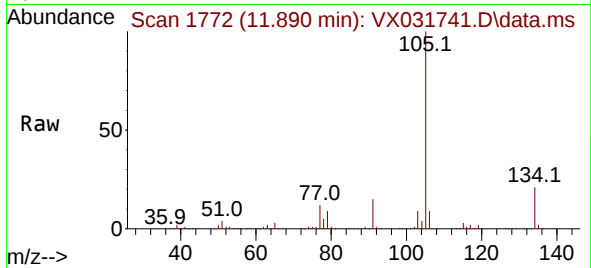
Tgt Ion:	105	Resp:	308836
Ion Ratio	Lower	Upper	
105	100		
120	46.4	22.6	67.8





#85
 sec-Butylbenzene
 Concen: 52.985 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX031741.D
 Acq: 28 Sep 2022 21:07

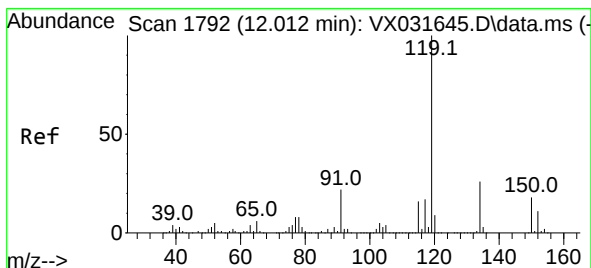
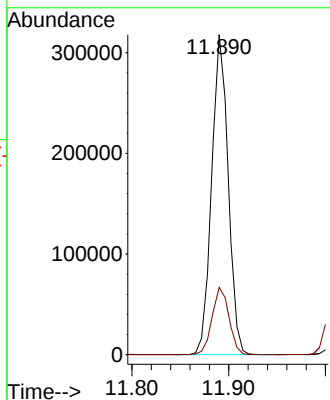
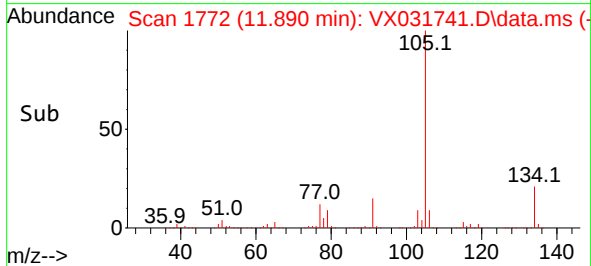
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



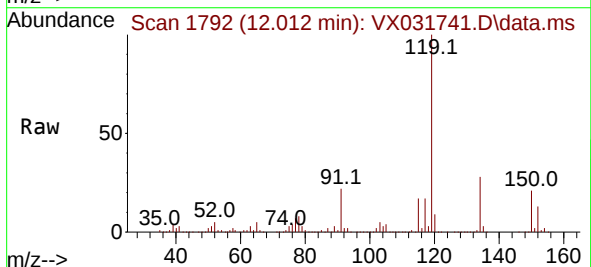
Tgt Ion:105 Resp: 376139
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.4 31.1

Manual Integrations
 APPROVED

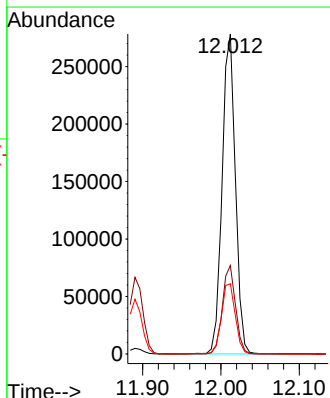
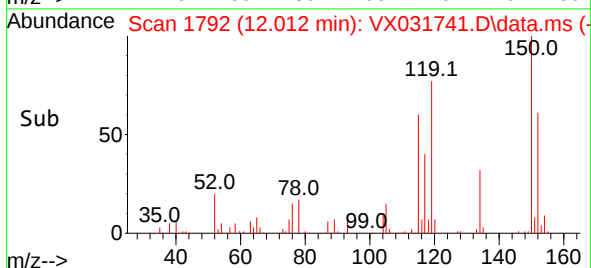
Reviewed By :John Carlone 09/29/2022
 Supervised By :Mahesh Dadoda 09/30/2022

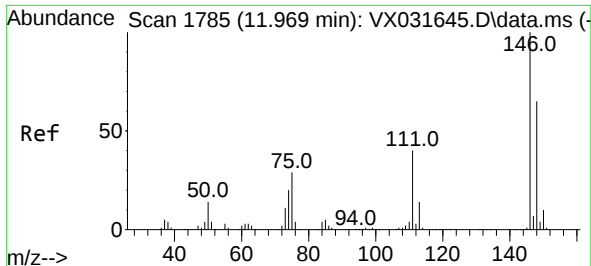


#86
 p-Isopropyltoluene
 Concen: 53.740 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX031741.D
 Acq: 28 Sep 2022 21:07



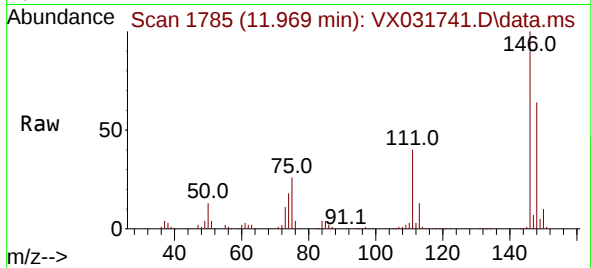
Tgt Ion:119 Resp: 328986
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.4 40.2
 91 23.0 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 51.723 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX031741.D
Acq: 28 Sep 2022 21:07

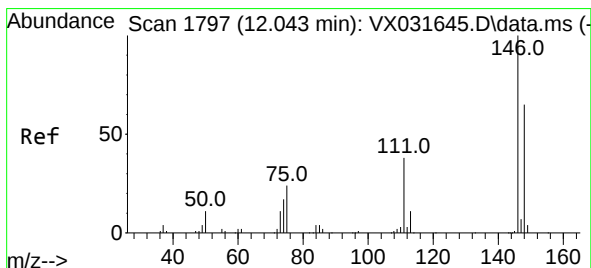
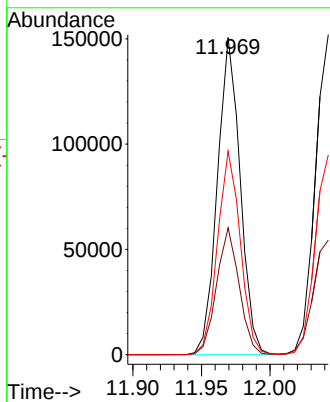
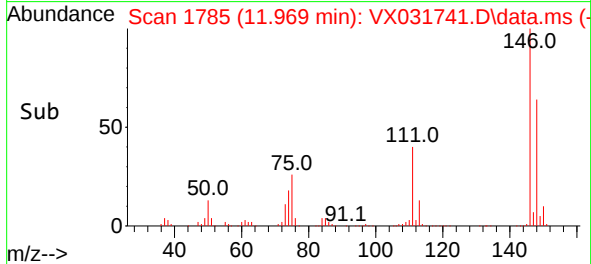
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



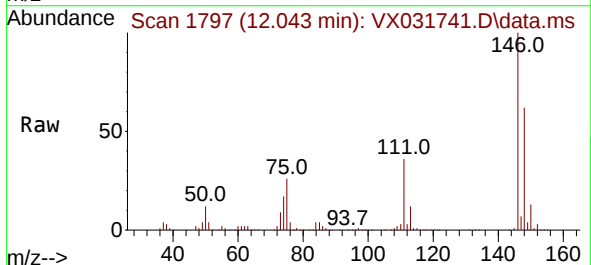
Tgt Ion:146 Resp: 174185
Ion Ratio Lower Upper
146 100
111 39.7 19.8 59.4
148 64.2 31.5 94.5

Manual Integrations
APPROVED

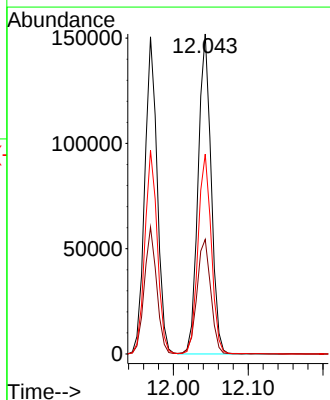
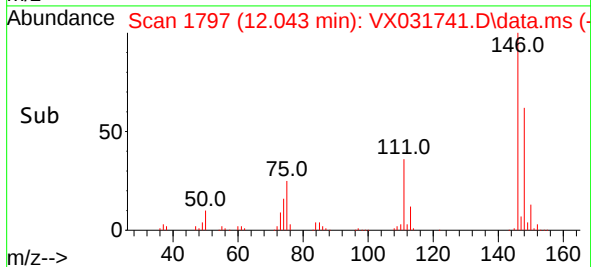
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022

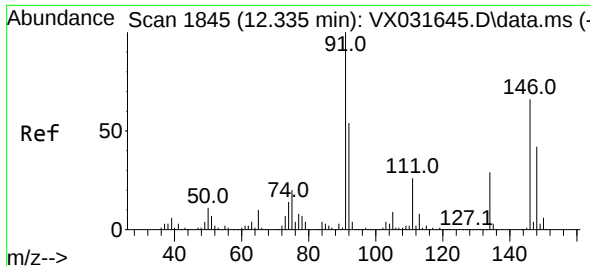


#88
1,4-Dichlorobenzene
Concen: 52.125 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX031741.D
Acq: 28 Sep 2022 21:07



Tgt Ion:146 Resp: 183744
Ion Ratio Lower Upper
146 100
111 38.1 20.5 61.5
148 63.5 32.0 96.2





#89

n-Butylbenzene

Concen: 51.833 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX031741.D

Acq: 28 Sep 2022 21:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 25921

Ion Ratio Lower Upper

91 100

92 53.7 27.0 81.0

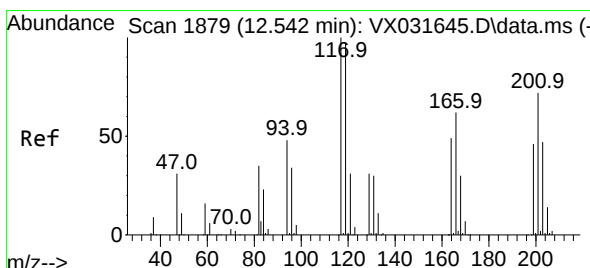
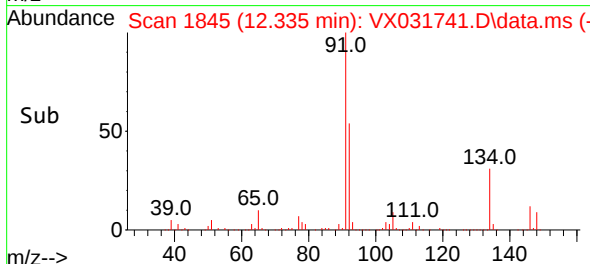
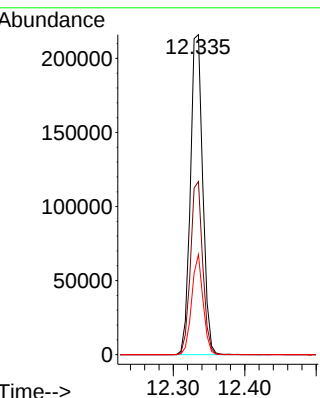
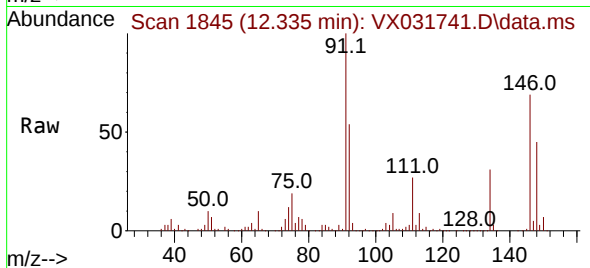
134 28.8 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2022

Supervised By :Mahesh Dadoda 09/30/2022



#90

Hexachloroethane

Concen: 52.318 ug/l

RT: 12.542 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VX031741.D

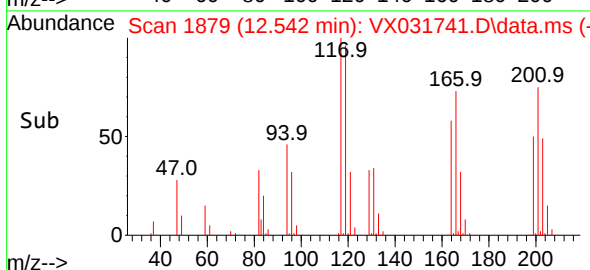
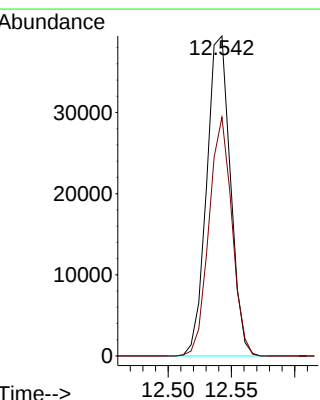
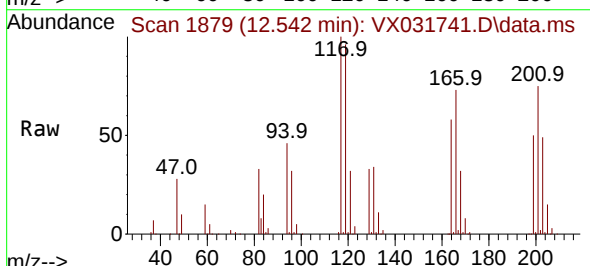
Acq: 28 Sep 2022 21:07

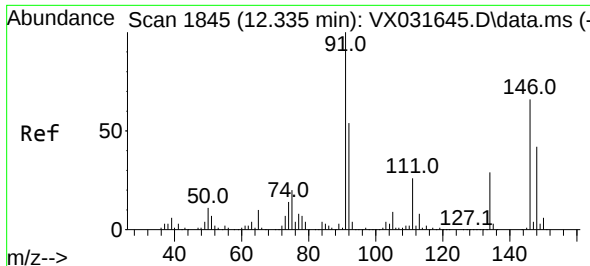
Tgt Ion:117 Resp: 51358

Ion Ratio Lower Upper

117 100

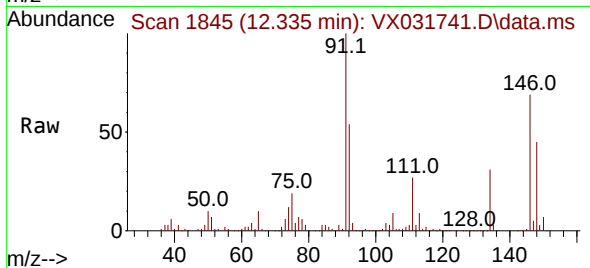
201 72.2 34.8 104.4





#91
1,2-Dichlorobenzene
Concen: 52.858 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031741.D
Acq: 28 Sep 2022 21:07

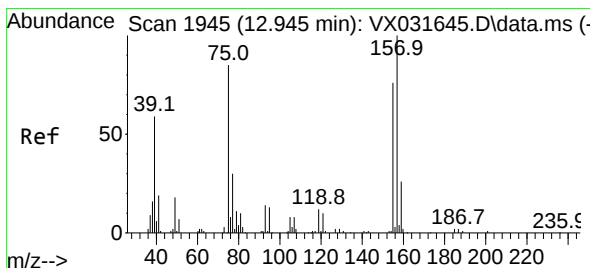
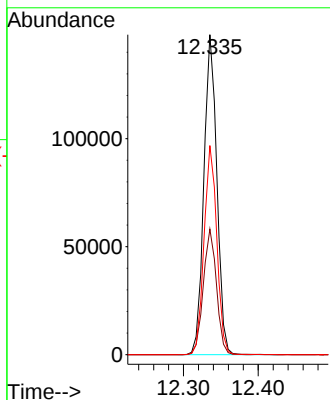
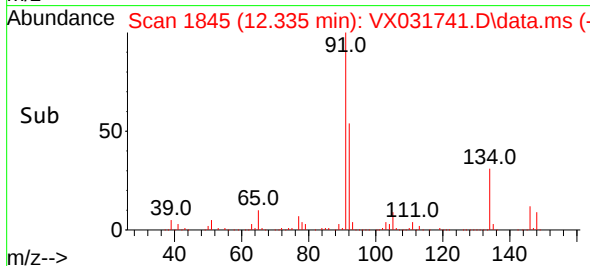
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



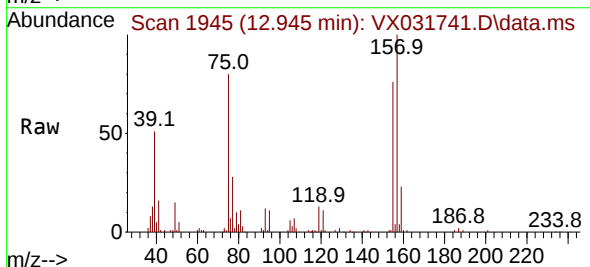
Tgt Ion:146 Resp: 178264
Ion Ratio Lower Upper
146 100
111 39.8 20.6 61.8
148 64.5 31.6 95.0

Manual Integrations
APPROVED

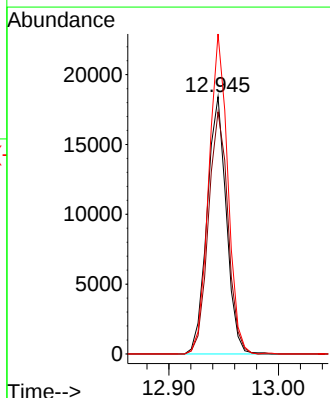
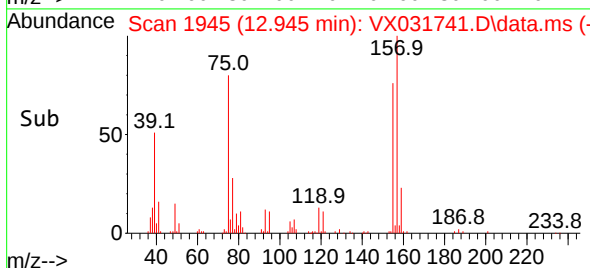
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022

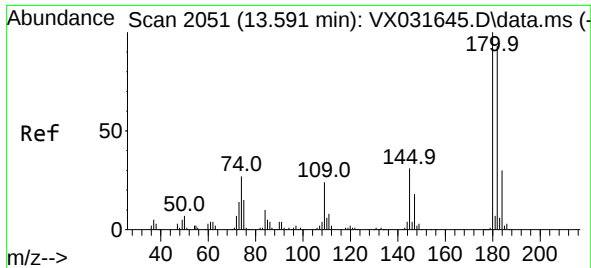


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.692 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX031741.D
Acq: 28 Sep 2022 21:07



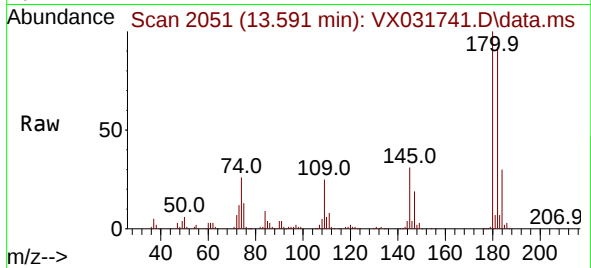
Tgt Ion: 75 Resp: 22490
Ion Ratio Lower Upper
75 100
155 95.7 40.3 120.8
157 122.2 51.5 154.5





#93
1,2,4-Trichlorobenzene
Concen: 52.557 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX031741.D
Acq: 28 Sep 2022 21:07

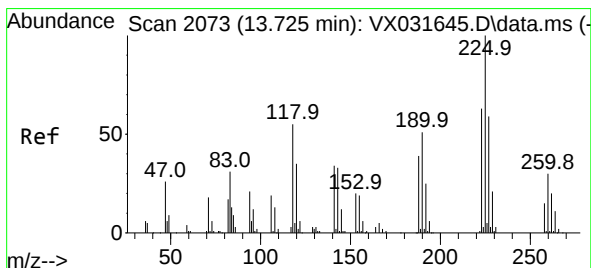
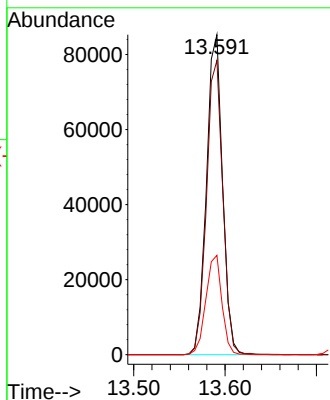
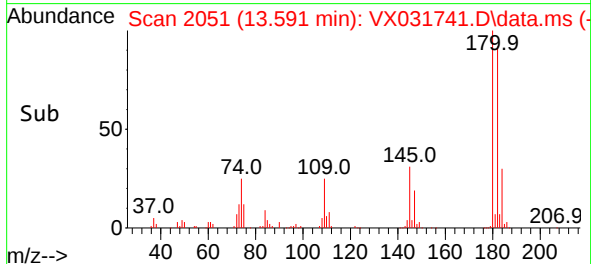
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 103654
Ion Ratio Lower Upper
180 100
182 93.2 46.9 140.6
145 31.1 16.7 50.1

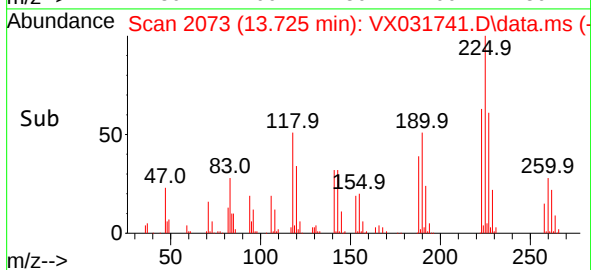
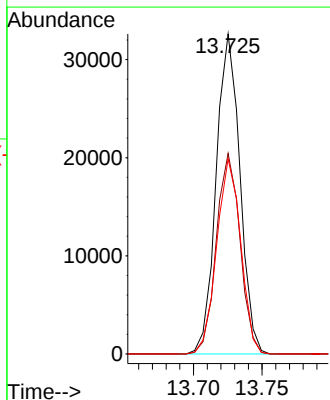
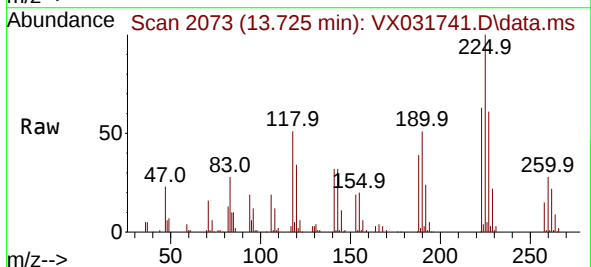
Manual Integrations
APPROVED

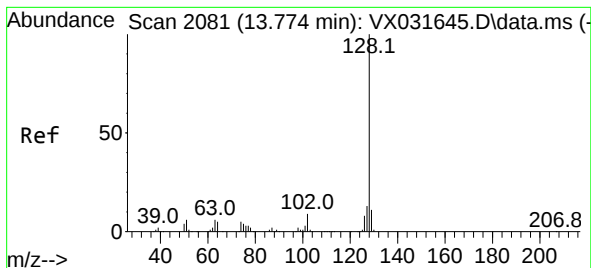
Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022



#94
Hexachlorobutadiene
Concen: 51.010 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX031741.D
Acq: 28 Sep 2022 21:07

Tgt Ion:225 Resp: 39229
Ion Ratio Lower Upper
225 100
223 62.5 30.8 92.4
227 61.7 32.3 96.9





#95

Naphthalene

Concen: 55.213 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX031741.D

Acq: 28 Sep 2022 21:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

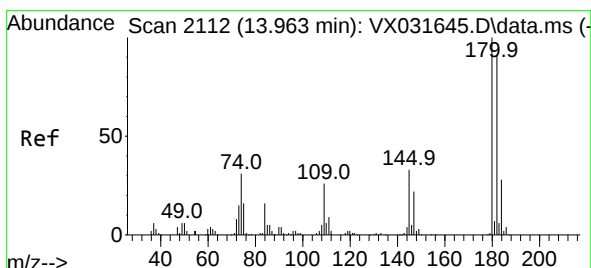
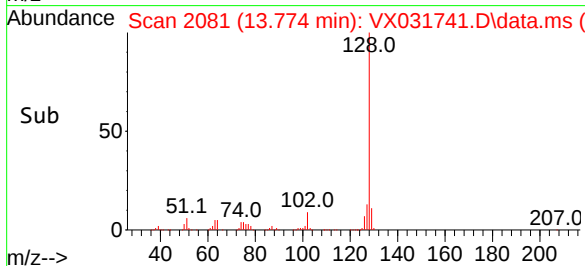
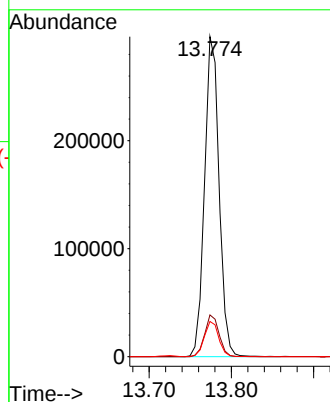
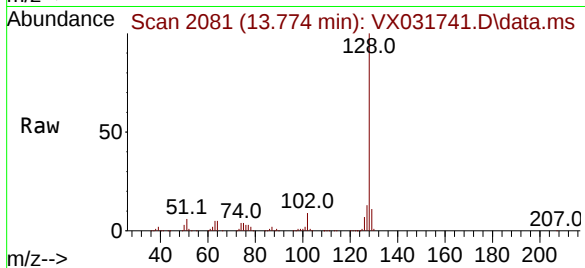
Tgt Ion:	128	Resp:	363729
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.4	15.6
129	11.0	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2022

Supervised By :Mahesh Dadoda 09/30/2022



#96

1,2,3-Trichlorobenzene

Concen: 52.107 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX031741.D

Acq: 28 Sep 2022 21:07

Tgt Ion:	180	Resp:	105468
Ion Ratio	Lower	Upper	
180	100		
182	93.8	47.9	143.8
145	32.8	17.6	52.8

