

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010723\
 Data File : VX033651.D
 Acq On : 07 Jan 2023 00:36
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Jan 07 05:52:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jan 07 05:49:19 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/09/2023
 Supervised By : Mahesh Dadoda 01/09/2023

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

Internal Standards						
1) Bromochloromethane	4.897	128	16983	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	113476	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	126871	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	38648	26.044	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	86.800%#		
60) 4-Bromofluorobenzene	11.079	95	67187	28.763	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	95.867%		
63) Toluene-d8	8.647	98	120854	28.870	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	96.233%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	255478	188.711	ug/l	99
3) Chloromethane	1.294	50	280222	199.327	ug/l	99
4) Vinyl Chloride	1.374	62	271715	176.962	ug/l	98
5) Bromomethane	1.617	94	141248	131.432	ug/l	99
6) Chloroethane	1.691	64	148715	138.414	ug/l	97
7) Trichlorofluoromethane	1.886	101	342539	114.773	ug/l	97
8) Diethyl Ether	2.136	74	125482	138.734	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	190648	129.396	ug/l	98
10) 1,1-Dichloroethene	2.319	96	182756	131.395	ug/l	97
11) Methyl Iodide	2.453	142	292355	170.122	ug/l	99
12) Methyl Acetate	2.709	43	327968	149.913	ug/l	99
13) Acrolein	2.239	56	196254	639.317	ug/l	98
14) Acrylonitrile	3.075	53	549364	698.797	ug/l	100
15) Acetone	2.398	58	129346	550.787	ug/l	97
16) Carbon Disulfide	2.514	76	494644	130.017	ug/l	99
17) Allyl chloride	2.666	41	345953	139.676	ug/l	99
18) Methylene Chloride	2.788	84	204625	119.093	ug/l	98
19) trans-1,2-Dichloroethene	3.093	96	216645	125.737	ug/l	96
20) Diisopropyl ether	3.757	45	816451	154.446	ug/l	90
21) 1,1-Dichloroethane	3.611	63	456356	149.496	ug/l	99
22) cis-1,2-Dichloroethene	4.489	96	294683	146.804	ug/l	96
23) tert-Butyl Alcohol	3.026	59	228621m	694.312	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	722688	134.038	ug/l	97
25) Chloroform	5.092	83	456787	134.584	ug/l	96
26) Cyclohexane	5.470	56	424342	156.662	ug/l #	98
29) 1,1-Dichloropropene	5.696	75	354666	153.194	ug/l	97
30) 2-Butanone	4.568	43	898293	818.425	ug/l #	96
31) 2,2-Dichloropropane	4.477	77	320151	137.257	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	414238	142.258	ug/l	98
33) Carbon Tetrachloride	5.678	117	377689	142.333	ug/l	97
34) Benzene	6.037	78	1023687	154.367	ug/l	99
35) Methacrylonitrile	4.922	41	206517	176.369	ug/l	96
36) 1,2-Dichloroethane	6.086	62	356601	141.651	ug/l	98
37) Trichloroethene	7.129	130	302988	160.786	ug/l	97
38) Methylcyclohexane	7.379	83	447637	162.194	ug/l	99
39) 1,2-Dichloropropane	7.427	63	265647	159.112	ug/l	98
40) Dibromomethane	7.580	93	184002	146.577	ug/l	97
41) Bromodichloromethane	7.824	83	362689	143.437	ug/l	100
42) Vinyl Acetate	3.721	43	3240918	836.412	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.721	43	368451	176.904	ug/l	97
44) Isopropyl Acetate	6.342	43	616250	181.103	ug/l	99
45) 1,4-Dioxane	7.744	88	124130	3160.928	ug/l #	1
46) Methyl methacrylate	7.696	41	304551	177.718	ug/l	97
47) n-amyl Acetate	10.848	43	514754	178.967	ug/l	98
48) t-1,3-Dichloropropene	8.976	75	403504	159.215	ug/l	98
49) cis-1,3-Dichloropropene	8.366	75	432190	157.461	ug/l	97
50) 1,1,2-Trichloroethane	9.153	97	265604	152.494	ug/l	98
51) Ethyl methacrylate	9.116	69	415143	164.567	ug/l	98
52) 1,3-Dichloropropane	9.305	76	441350	153.887	ug/l	100
53) Dibromochloromethane	9.518	129	308699	151.376	ug/l	98
54) 1,2-Dibromoethane	9.610	107	288257	151.985	ug/l	99
55) 2-Chloroethyl vinyl ether	8.244	63	957124	795.392	ug/l	99
56) Bromoform	10.799	173	244342	163.579	ug/l	98
58) 4-Methyl-2-Pentanone	8.574	43	1717662	802.488	ug/l	97
59) 2-Hexanone	9.433	43	1271453	792.175	ug/l	98
61) Tetrachloroethene	9.275	164	265081	155.619	ug/l	99
62) Toluene	8.720	91	1122651	145.785	ug/l	97
64) Chlorobenzene	10.079	112	734247	150.284	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.165	131	286864	150.444	ug/l	98
66) Ethyl Benzene	10.195	91	1277353	147.545	ug/l	97
67) m/p-Xylenes	10.305	106	1002677	294.682	ug/l	98
68) o-Xylene	10.640	106	491227	148.210	ug/l	97
69) Styrene	10.652	104	816821	148.569	ug/l	99
70) Isopropylbenzene	10.963	105	1255314	143.527	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.213	83	370004	142.203	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	334048m	144.679	ug/l	
73) Bromobenzene	11.195	156	339776	154.828	ug/l	97
74) n-propylbenzene	11.305	91	1446532	144.558	ug/l	99
75) 2-Chlorotoluene	11.366	91	846456	140.897	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	1033891	140.957	ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	120911	162.430	ug/l	81
78) 4-Chlorotoluene	11.457	91	951033	139.005	ug/l	99
79) tert-butylbenzene	11.713	119	1071674	146.497	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	1032655	143.285	ug/l	97
81) sec-Butylbenzene	11.890	105	1322938	150.357	ug/l	100
82) p-Isopropyltoluene	12.012	119	1156333	153.689	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	624059	155.528	ug/l	100
84) 1,4-Dichlorobenzene	12.042	146	621740	153.816	ug/l	99
85) n-Butylbenzene	12.335	91	964722	154.130	ug/l	98
86) Hexachloroethane	12.536	117	201129	154.446	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	591968	150.544	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.945	75	83908	150.811	ug/l	92
89) 1,2,4-Trichlorobenzene	13.585	180	435676	173.743	ug/l	99
90) Hexachlorobutadiene	13.725	225	205288	189.346	ug/l	98
91) Naphthalene	13.774	128	1247414	156.840	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	433420	173.191	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

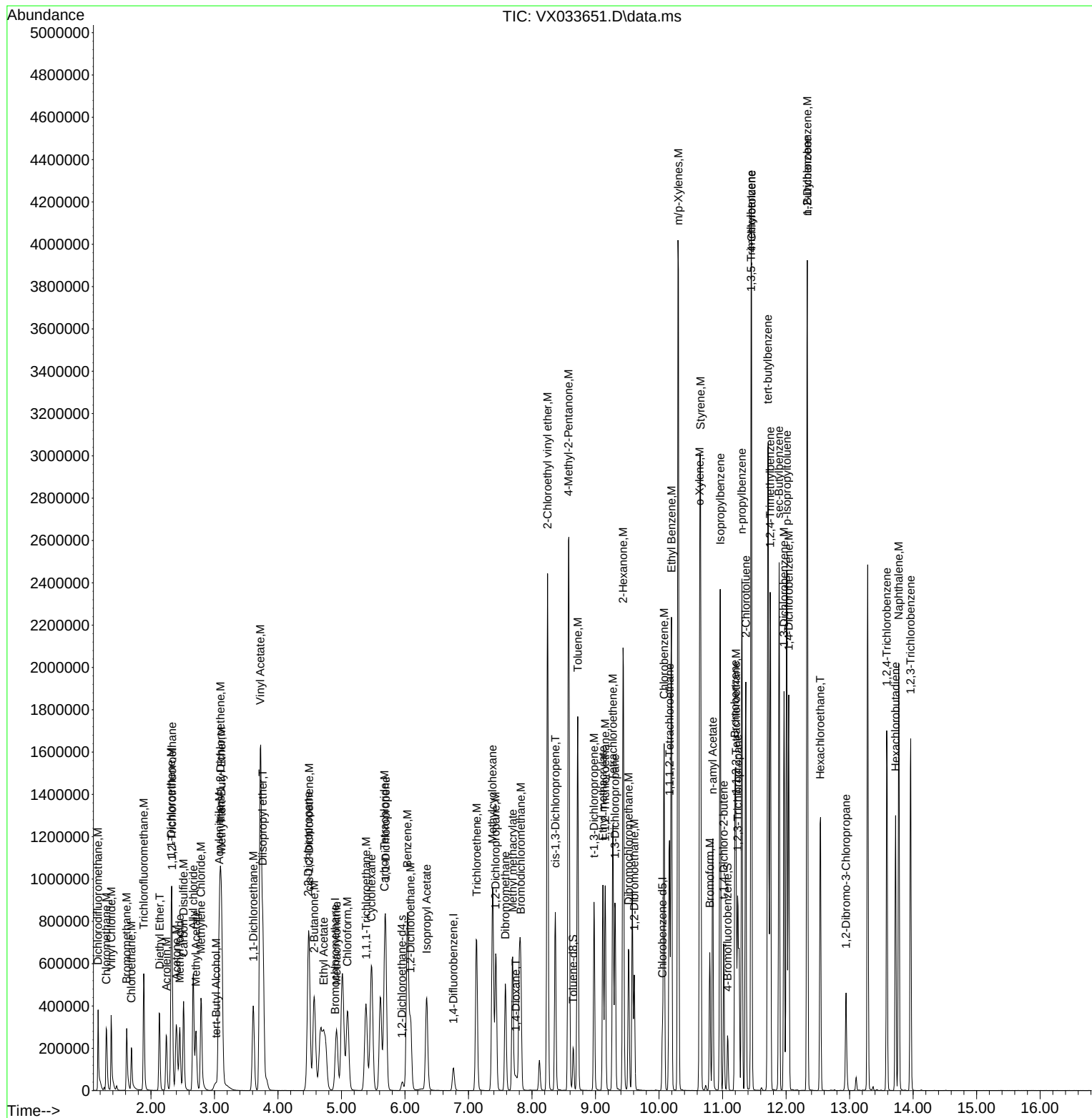
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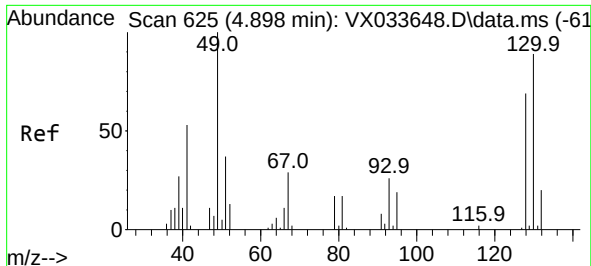
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Manual Integrations APPROVED

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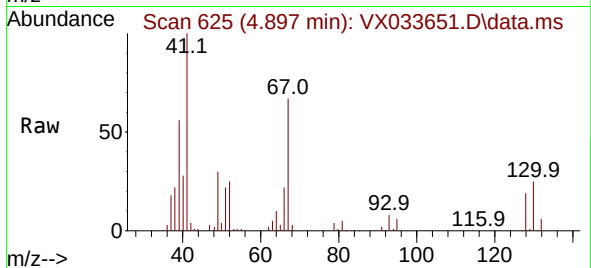
Quant Time: Jan 07 05:52:52 2023
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.001 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

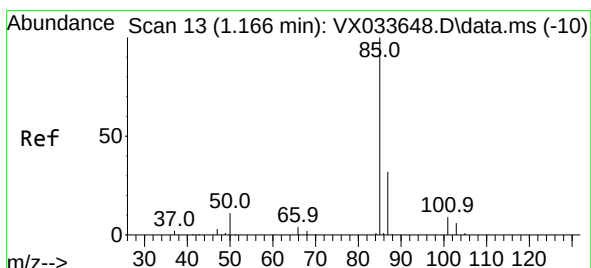
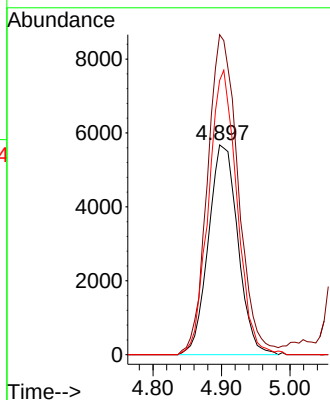
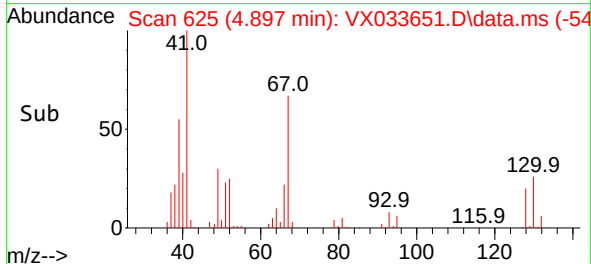
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:128 Resp: 1698
Ion Ratio Lower Upper
128 100
49 158.7 0.0 398.5
130 130.5 0.0 329.0

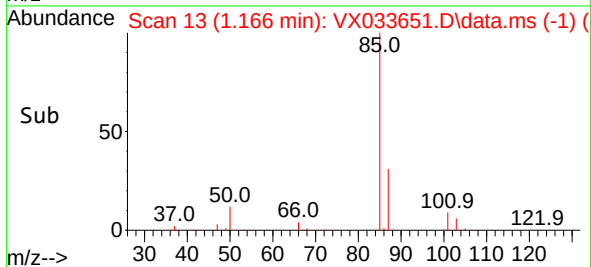
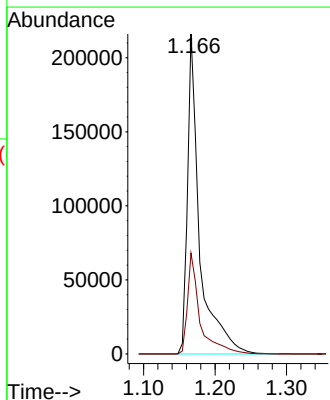
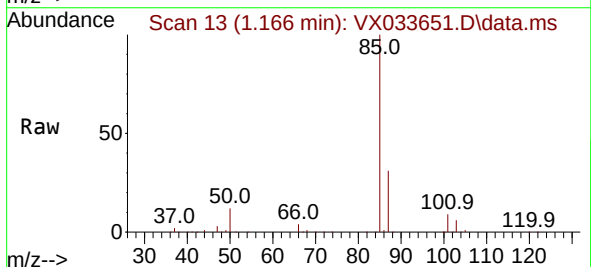
Manual Integrations
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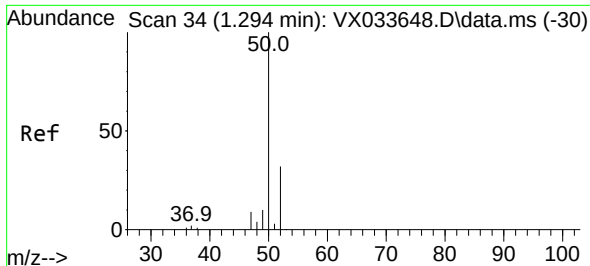
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#2
Dichlorodifluoromethane
Concen: 188.711 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

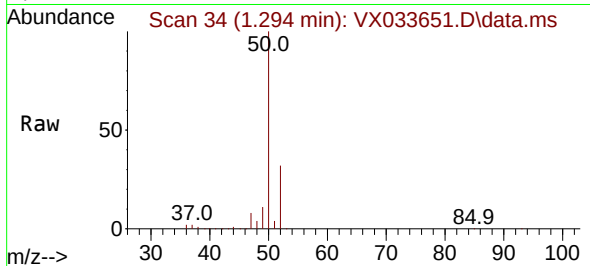
Tgt Ion: 85 Resp: 255478
Ion Ratio Lower Upper
85 100
87 31.5 16.0 48.0





#3
Chloromethane
Concen: 199.327 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

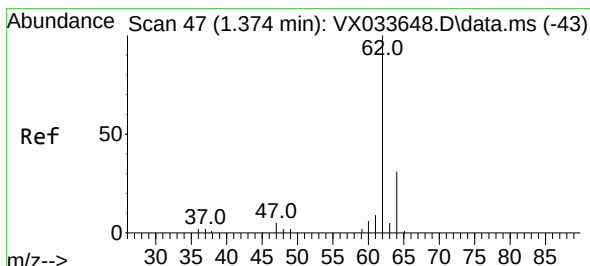
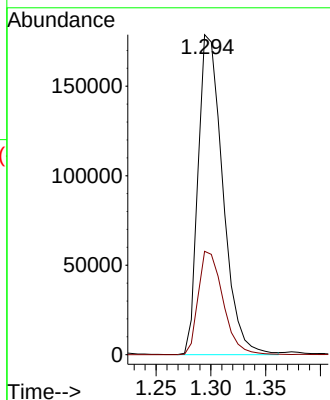
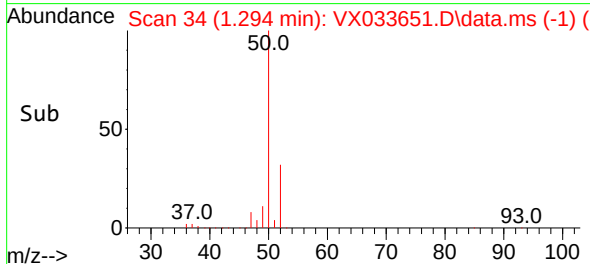
Instrument :
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Tgt Ion: 50 Resp: 28022
Ion Ratio Lower Upper
50 100
52 32.3 25.5 38.3

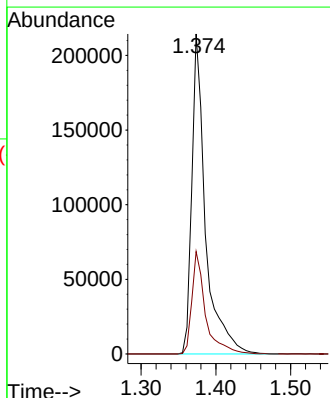
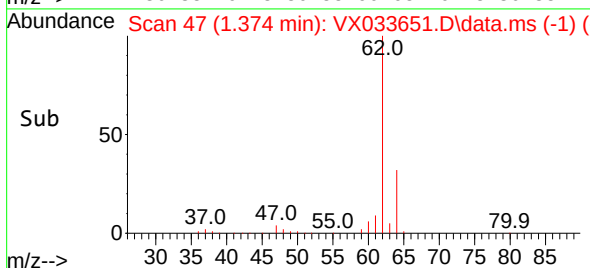
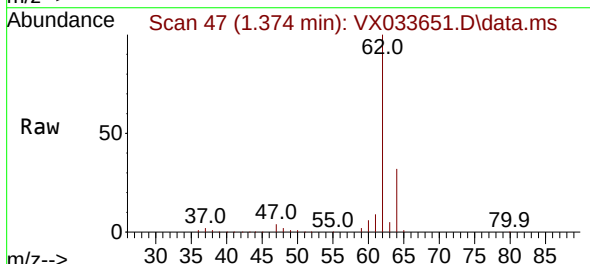
Manual Integrations
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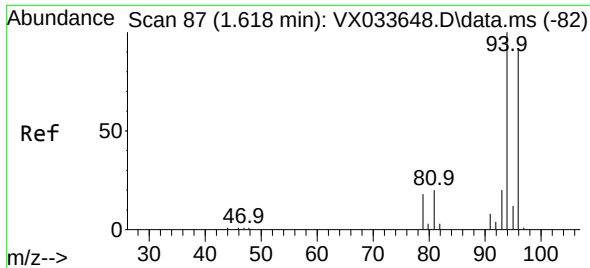
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#4
Vinyl Chloride
Concen: 176.962 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

Tgt Ion: 62 Resp: 271715
Ion Ratio Lower Upper
62 100
64 32.0 24.9 37.3





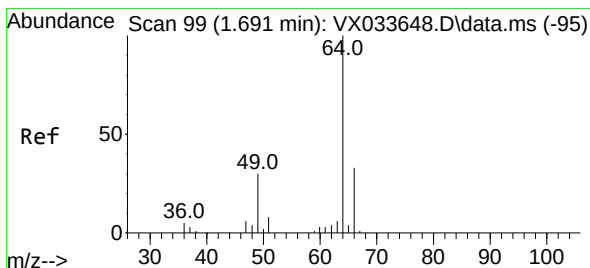
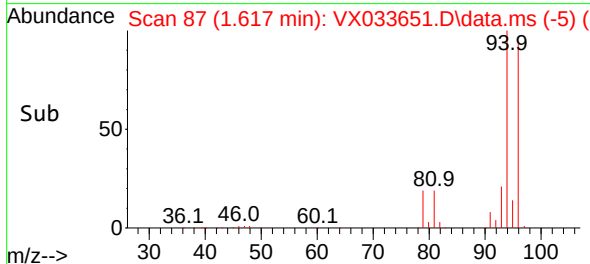
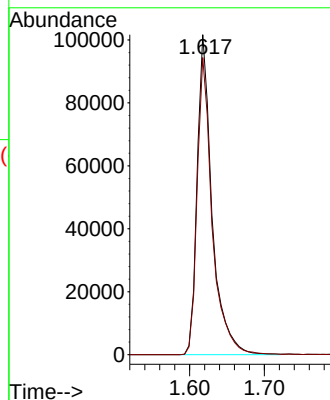
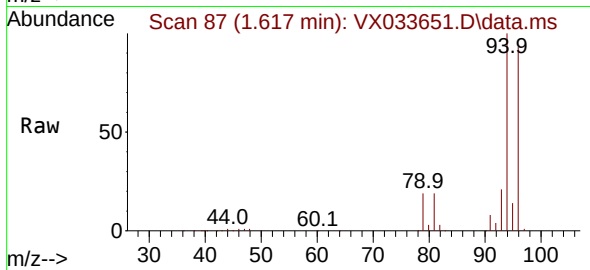
#5
Bromomethane
Concen: 131.432 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 94 Resp: 141248
Ion Ratio Lower Upper
94 100
96 92.8 73.6 110.4

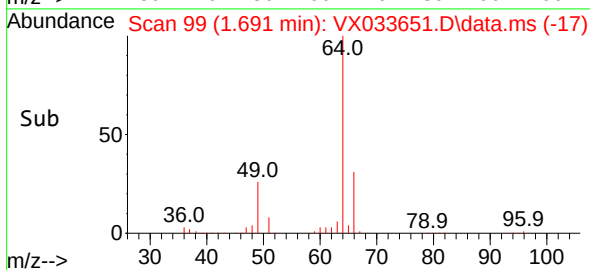
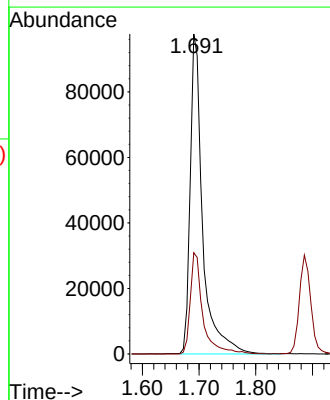
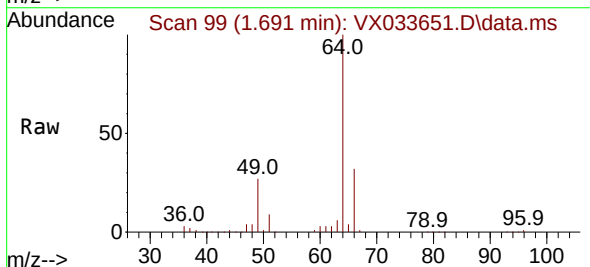
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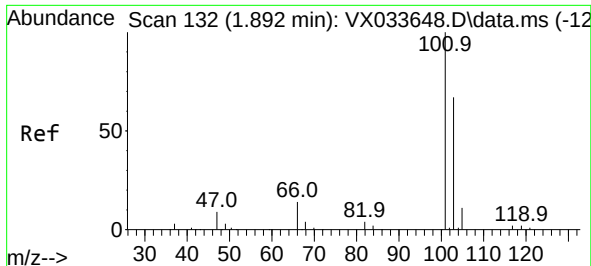
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#6
Chloroethane
Concen: 138.414 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

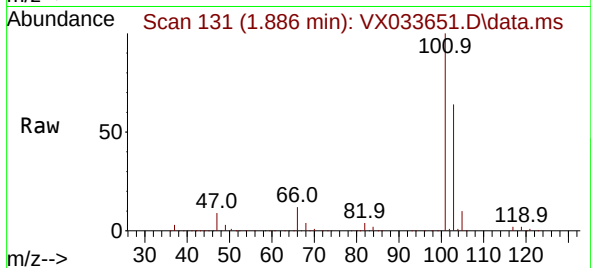
Tgt Ion: 64 Resp: 148715
Ion Ratio Lower Upper
64 100
66 31.7 26.6 40.0





#7
Trichlorofluoromethane
Concen: 114.773 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033651.D
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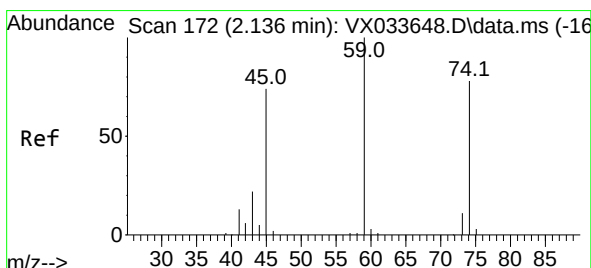
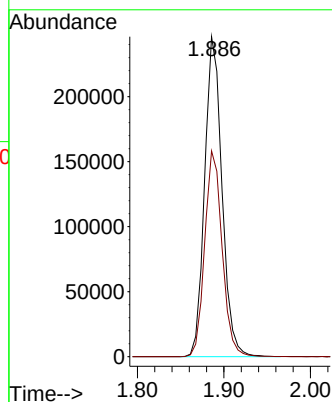
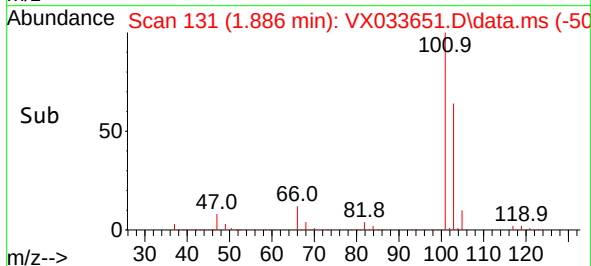
Instrument :
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VSTDICC150



Tgt Ion:101 Resp: 342539
Ion Ratio Lower Upper
101 100
103 64.3 53.7 80.5

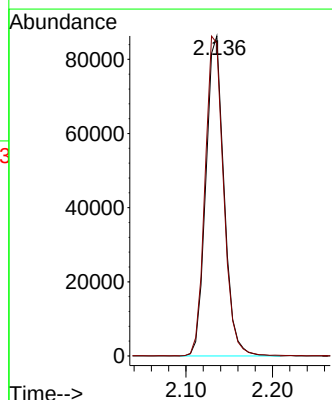
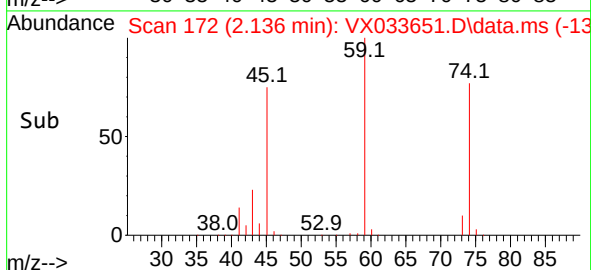
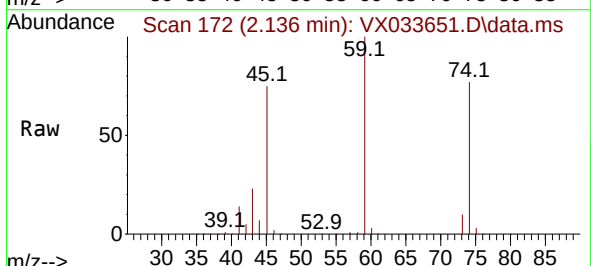
Manual Integrations
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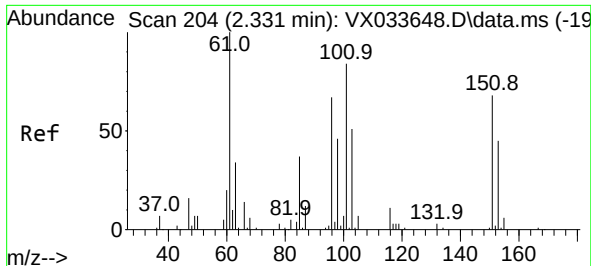
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#8
Diethyl Ether
Concen: 138.734 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

Tgt Ion: 74 Resp: 125482
Ion Ratio Lower Upper
74 100
45 101.8 20.3 182.9





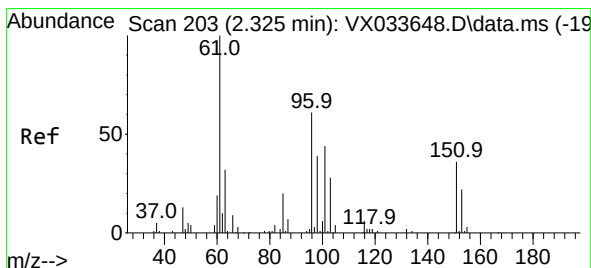
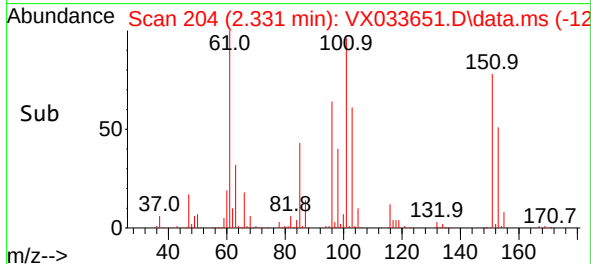
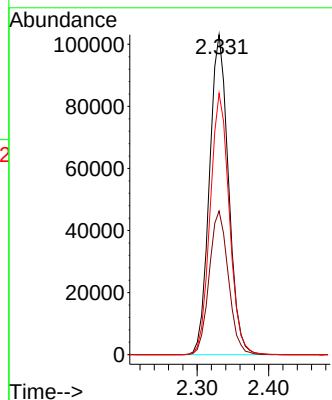
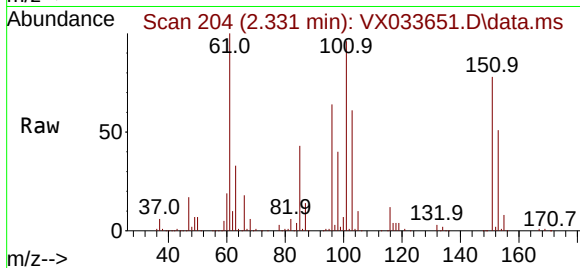
#9
1,1,2-Trichlorotrifluoroethane
Concen: 129.396 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 190648
Ion Ratio Lower Upper
101 100
85 45.1 0.0 88.8
151 81.9 0.0 167.2

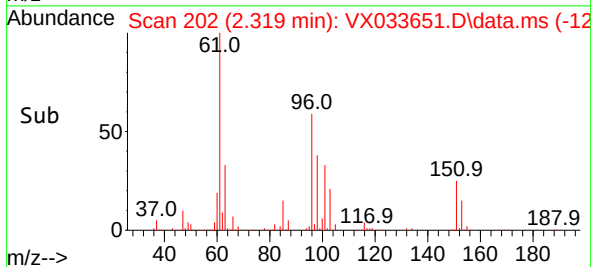
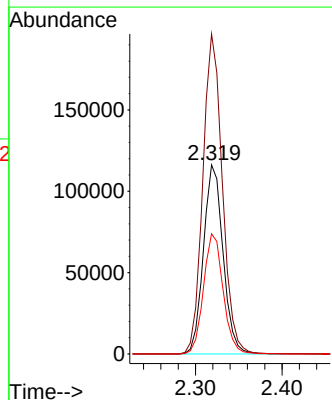
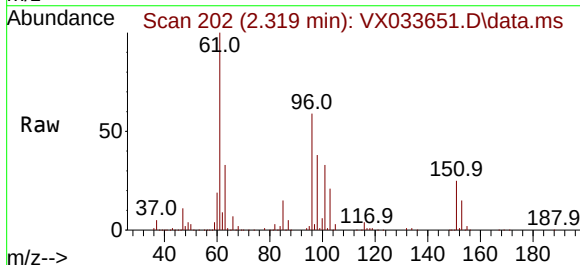
Manual Integrations
APPROVED

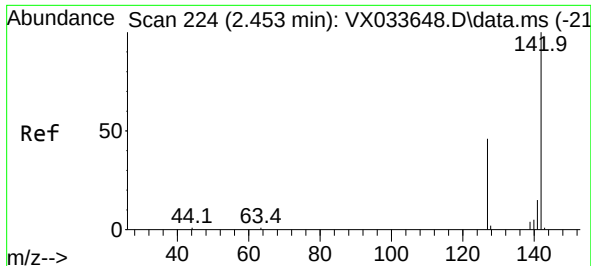
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#10
1,1-Dichloroethene
Concen: 131.395 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

Tgt Ion: 96 Resp: 182756
Ion Ratio Lower Upper
96 100
61 169.1 130.6 195.8
98 63.5 50.8 76.2





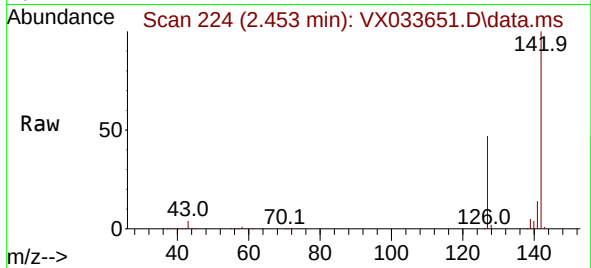
#11
Methyl Iodide
Concen: 170.122 ug/l
RT: 2.453 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150



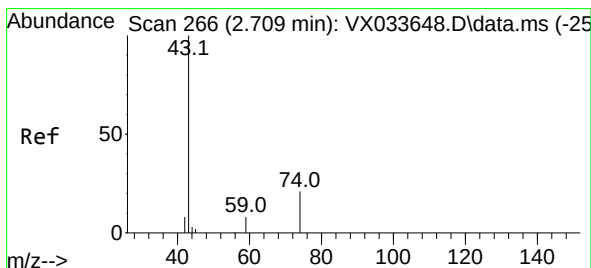
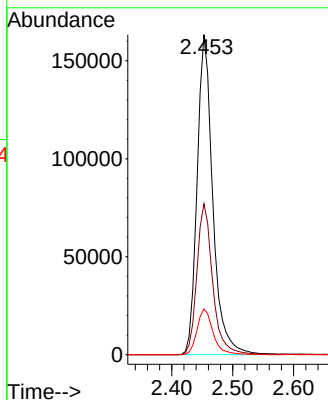
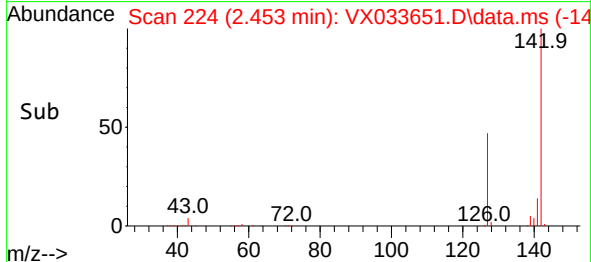
Tgt Ion:142 Resp: 292358
Ion Ratio Lower Upper
142 100
127 47.2 23.2 69.5
141 14.3 7.3 22.0

Manual Integrations

APPROVED

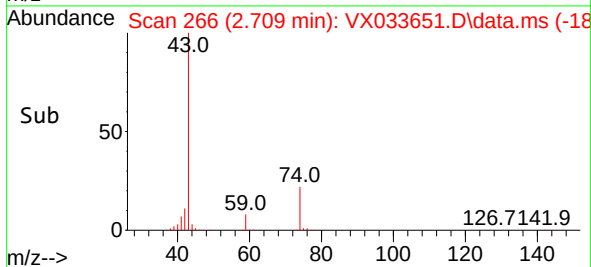
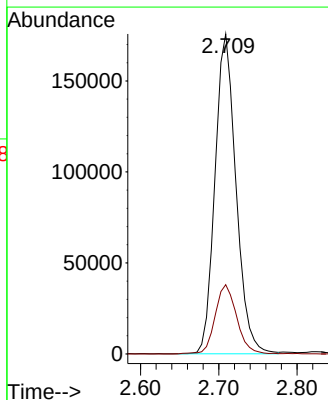
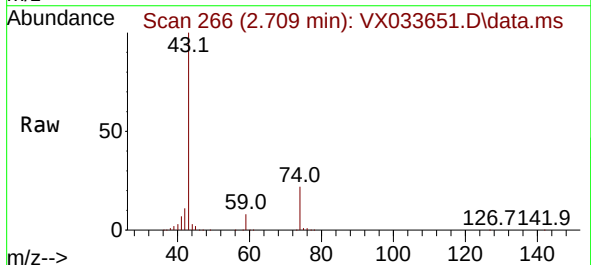
Reviewed By :John Carlone 01/09/2023

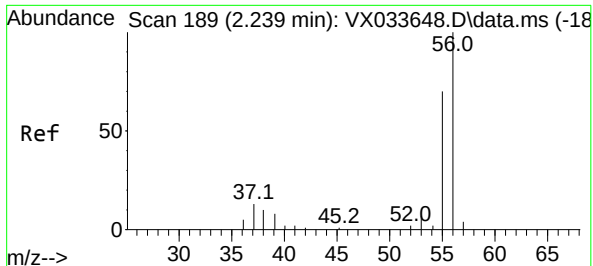
Supervised By :Mahesh Dadoda 01/09/2023



#12
Methyl Acetate
Concen: 149.913 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

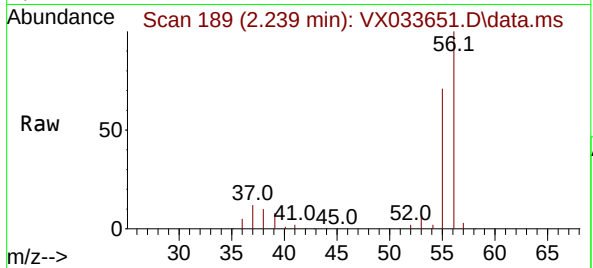
Tgt Ion: 43 Resp: 327968
Ion Ratio Lower Upper
43 100
74 21.6 17.0 25.6





#13
Acrolein
Concen: 639.317 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

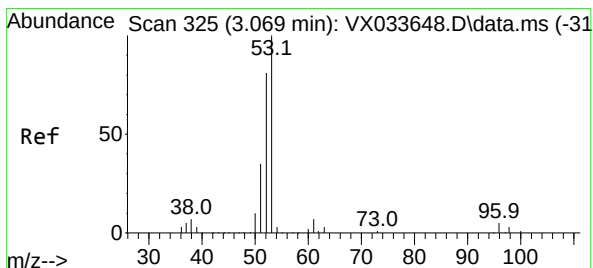
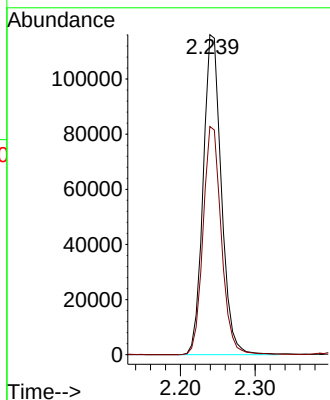
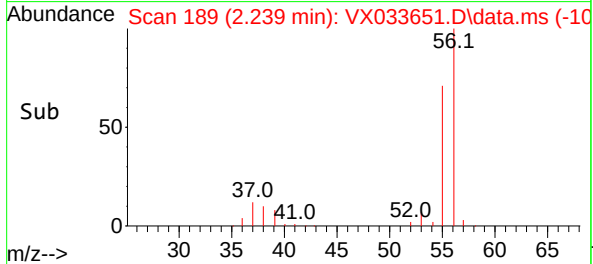
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



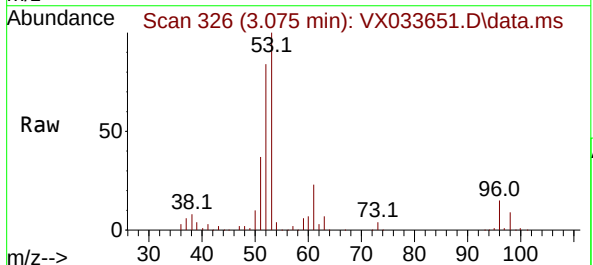
Tgt Ion: 56 Resp: 196254
Ion Ratio Lower Upper
56 100
55 71.7 56.1 84.1

Manual Integrations
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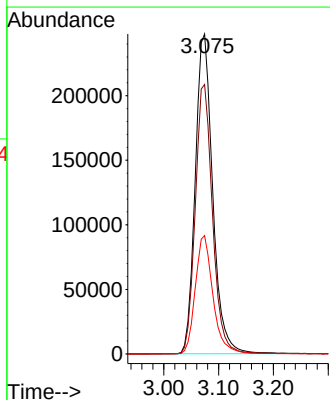
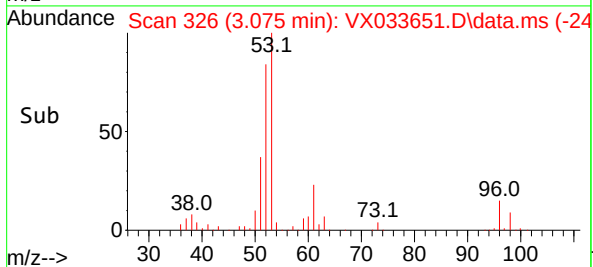
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023

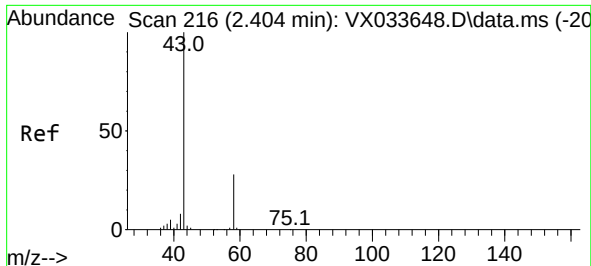


#14
Acrylonitrile
Concen: 698.797 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.006 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36



Tgt Ion: 53 Resp: 549364
Ion Ratio Lower Upper
53 100
52 83.1 41.3 124.1
51 37.0 18.4 55.4





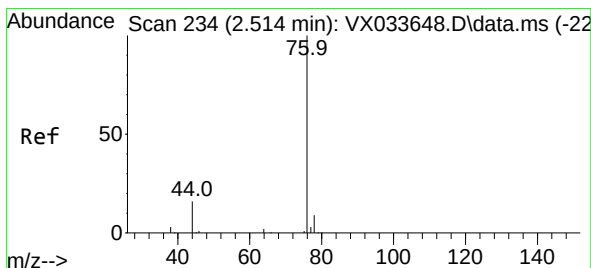
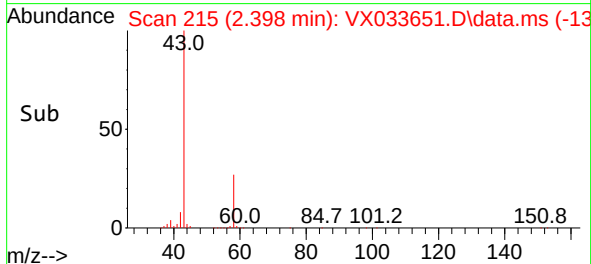
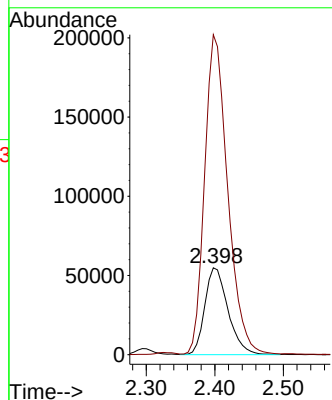
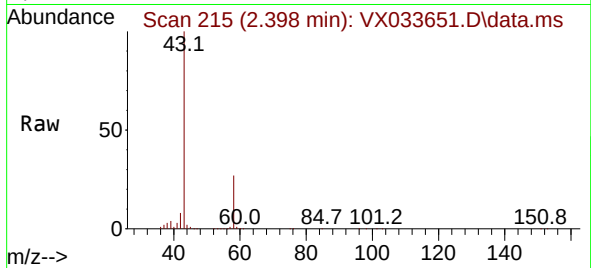
#15
Acetone
Concen: 550.787 ug/l
RT: 2.398 min Scan# 216
Delta R.T. -0.006 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 58 Resp: 129340
Ion Ratio Lower Upper
58 100
43 368.1 288.3 432.5

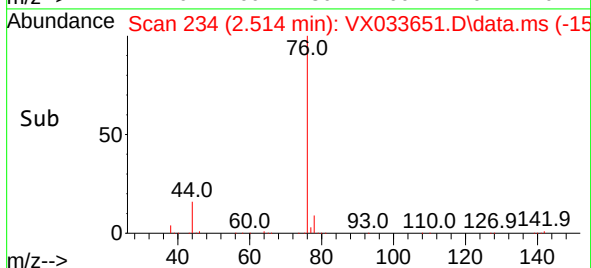
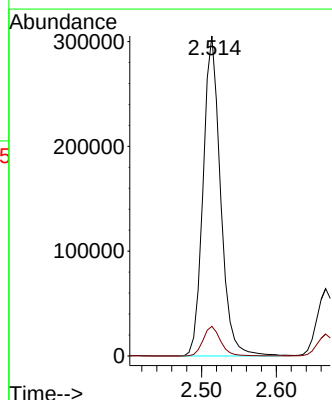
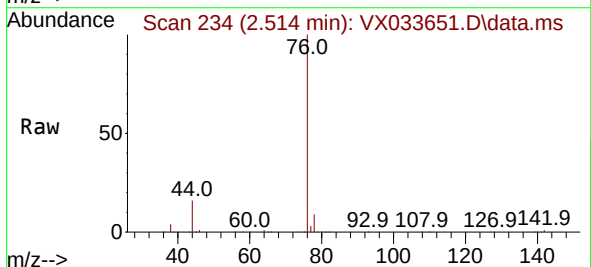
Manual Integrations
APPROVED

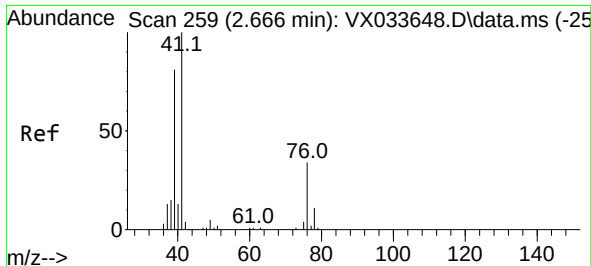
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#16
Carbon Disulfide
Concen: 130.017 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

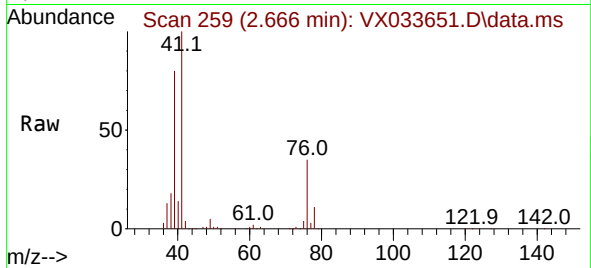
Tgt Ion: 76 Resp: 494644
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4





#17
 Allyl chloride
 Concen: 139.676 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. -0.000 min
 Lab File: VX033651.D
 Acq: 07 Jan 2023 00:36

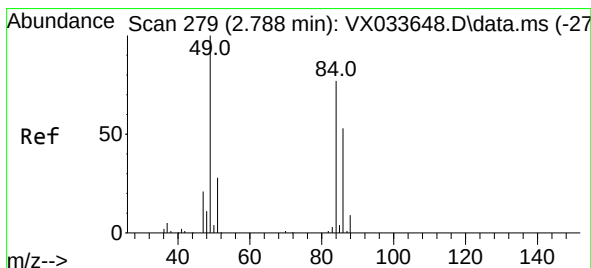
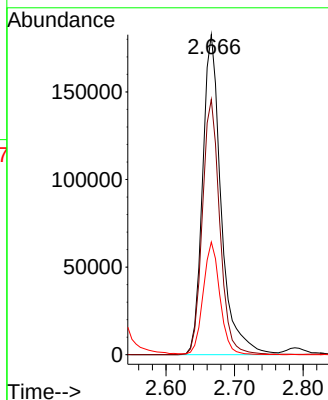
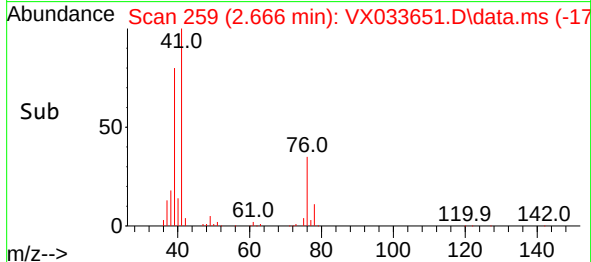
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150



Tgt Ion: 41 Resp: 34595
 Ion Ratio Lower Upper
 41 100
 39 79.7 40.3 120.8
 76 35.2 17.0 50.9

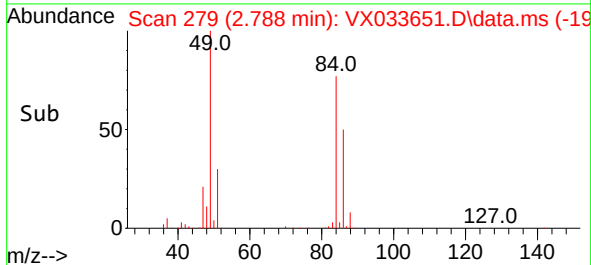
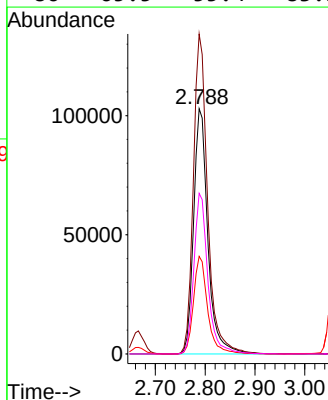
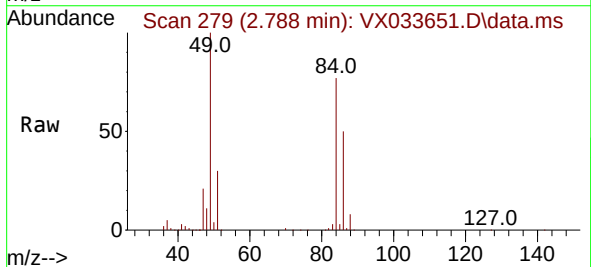
Manual Integrations
 APPROVED

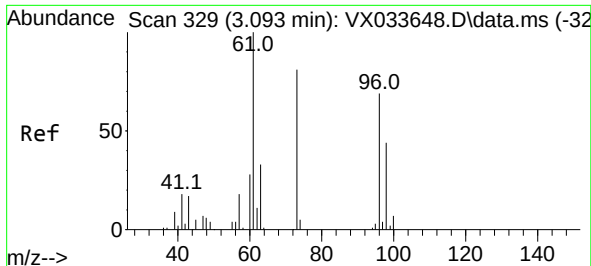
Reviewed By :John Carlone 01/09/2023
 Supervised By :Mahesh Dadoda 01/09/2023



#18
 Methylene Chloride
 Concen: 119.093 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VX033651.D
 Acq: 07 Jan 2023 00:36

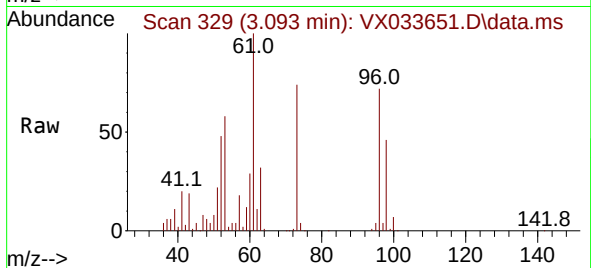
Tgt Ion: 84 Resp: 204625
 Ion Ratio Lower Upper
 84 100
 49 130.4 104.1 156.1
 51 39.8 29.2 43.8
 86 65.5 55.4 83.2





#19
trans-1,2-Dichloroethene
Concen: 125.737 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

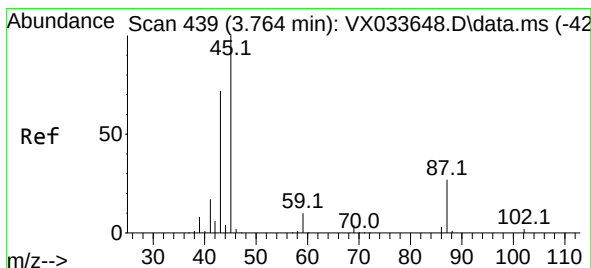
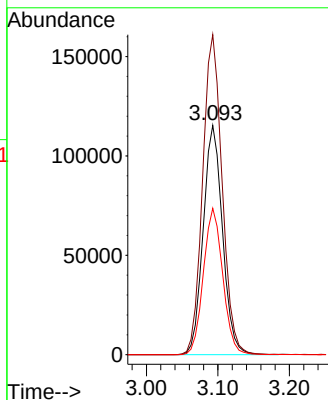
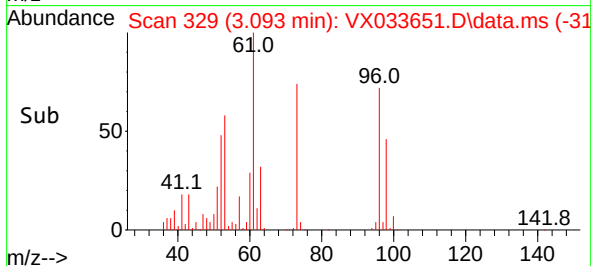
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



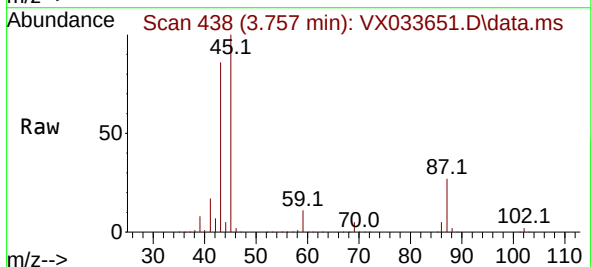
Tgt Ion: 96 Resp: 21664
Ion Ratio Lower Upper
96 100
61 139.5 117.1 175.7
98 63.8 52.0 78.0

Manual Integrations
APPROVED

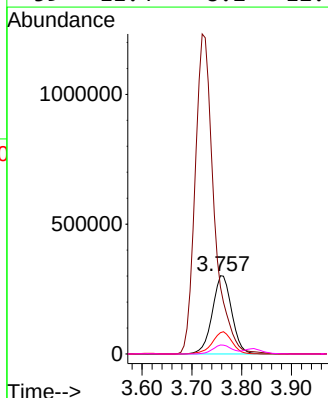
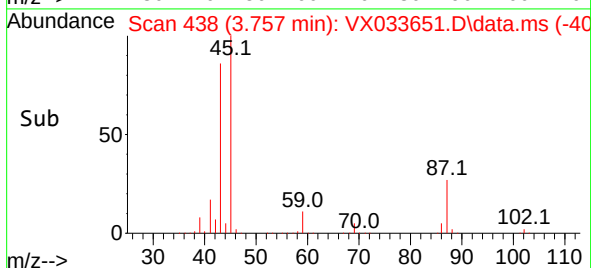
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023

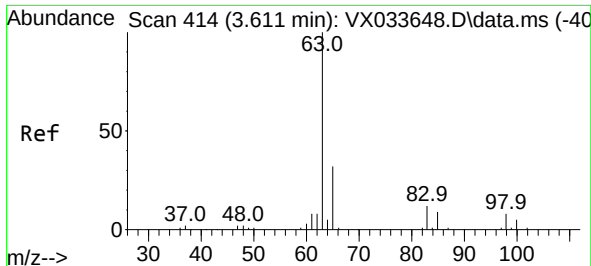


#20
Diisopropyl ether
Concen: 154.446 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36



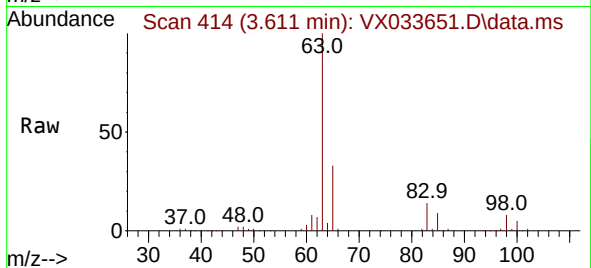
Tgt Ion: 45 Resp: 816451
Ion Ratio Lower Upper
45 100
43 85.3 58.0 87.0
87 27.2 21.7 32.5
59 11.4 8.2 12.4





#21
1,1-Dichloroethane
Concen: 149.496 ug/l
RT: 3.611 min Scan# 414
Delta R.T. -0.000 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

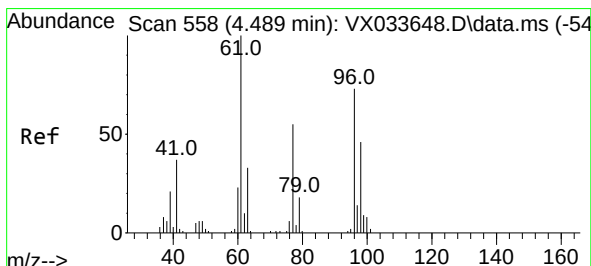
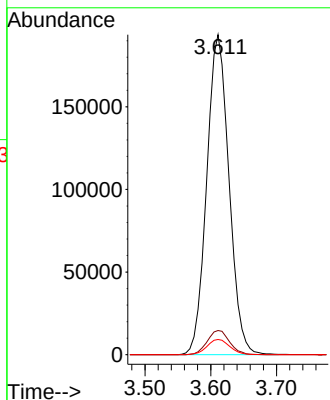
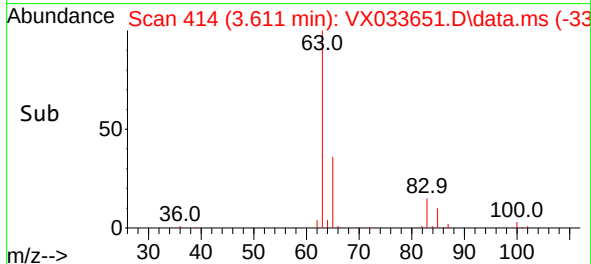
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 63 Resp: 456350
Ion Ratio Lower Upper
63 100
98 7.6 4.0 12.2
100 4.8 2.4 7.2

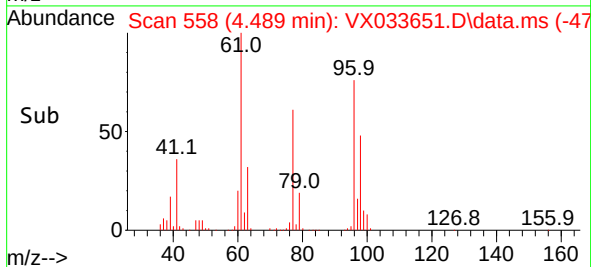
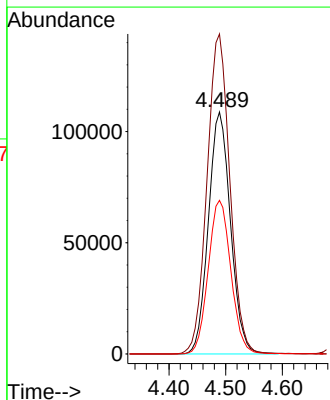
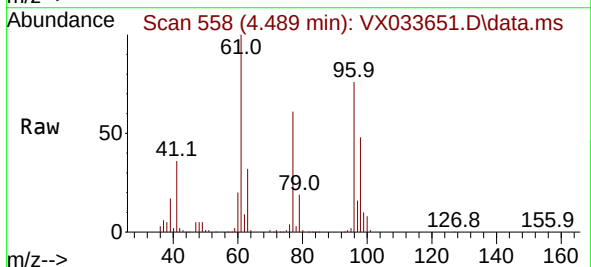
Manual Integrations
APPROVED

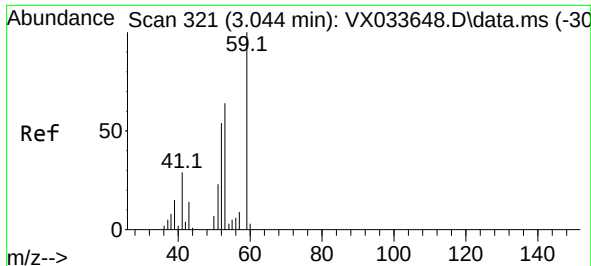
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#22
cis-1,2-Dichloroethene
Concen: 146.804 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

Tgt Ion: 96 Resp: 294683
Ion Ratio Lower Upper
96 100
61 136.6 114.2 171.2
98 64.9 51.4 77.0





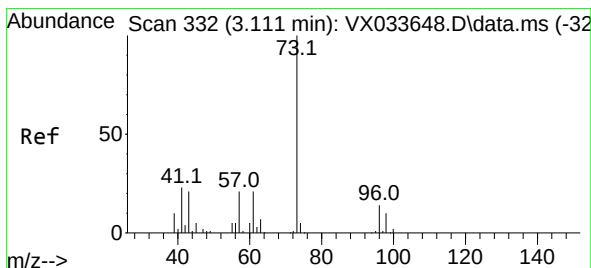
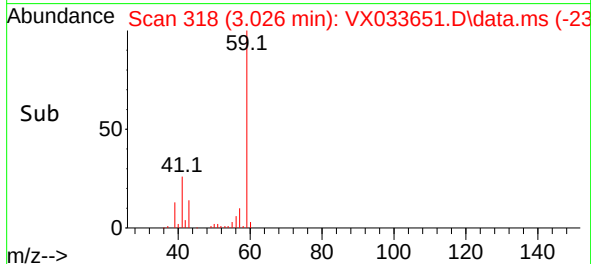
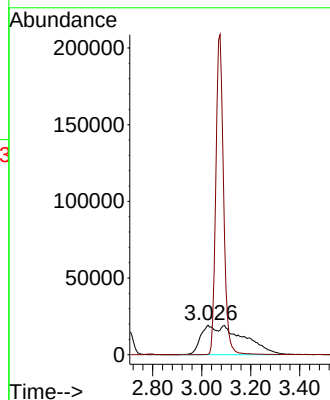
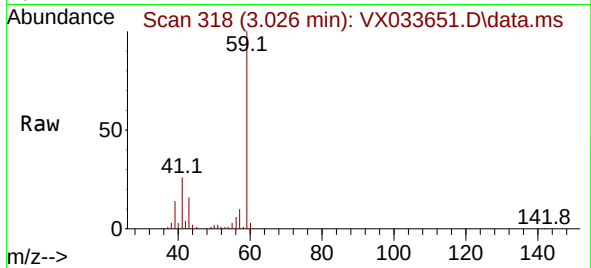
#23
tert-Butyl Alcohol
Concen: 694.312 ug/l m
RT: 3.026 min Scan# 31
Delta R.T. -0.018 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 59 Resp: 22862
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.2

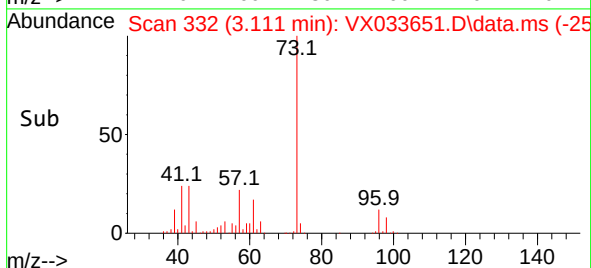
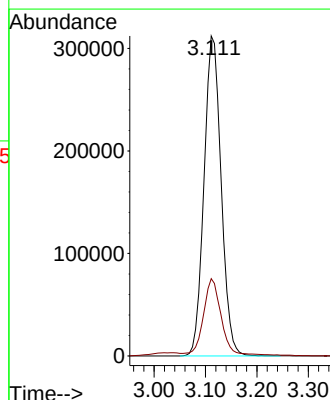
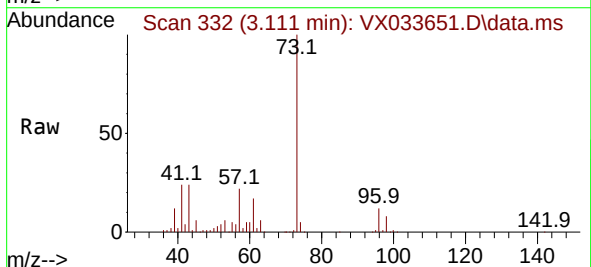
Manual Integrations
APPROVED

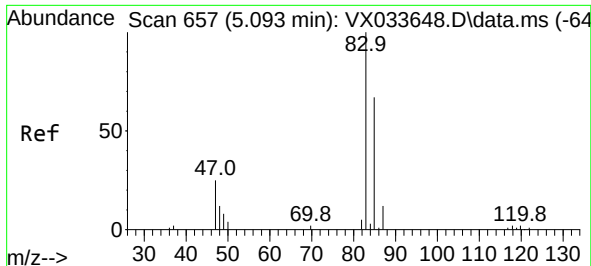
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#24
Methyl tert-Butyl Ether
Concen: 134.038 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

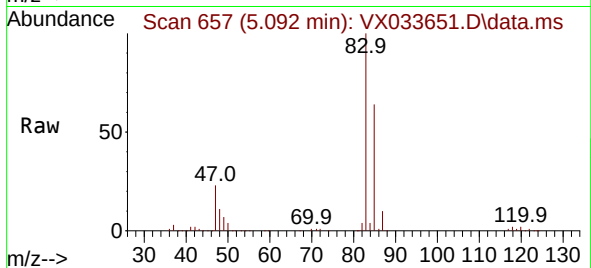
Tgt Ion: 73 Resp: 722688
Ion Ratio Lower Upper
73 100
43 24.3 18.1 27.1





#25
Chloroform
Concen: 134.584 ug/l
RT: 5.092 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

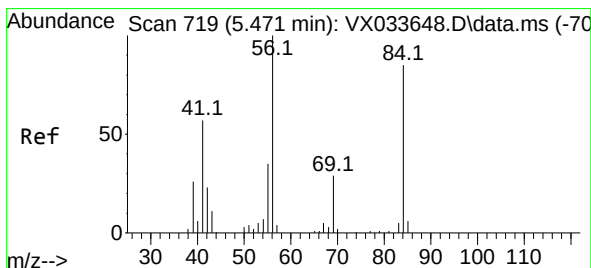
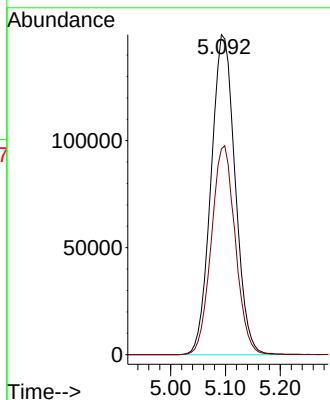
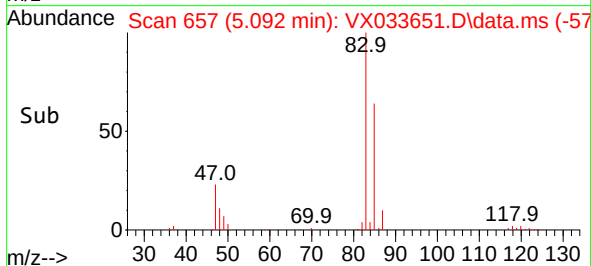
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 83 Resp: 45678
Ion Ratio Lower Upper
83 100
85 64.3 53.9 80.9

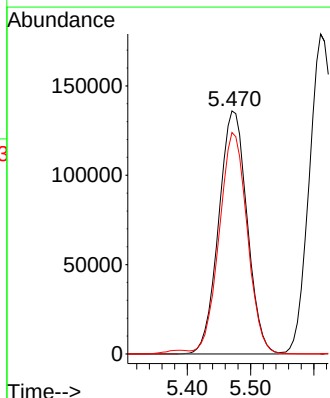
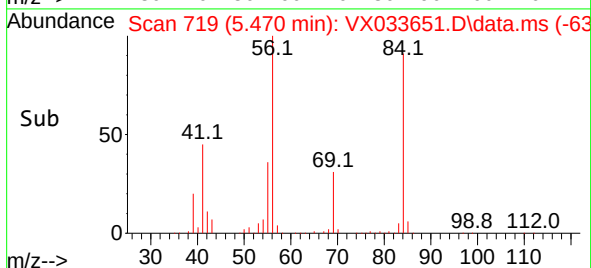
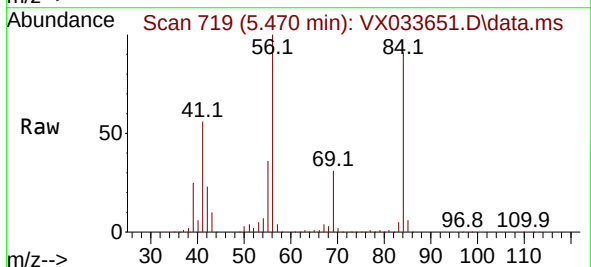
Manual Integrations
APPROVED

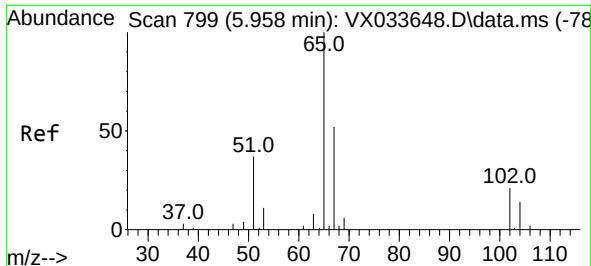
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#26
Cyclohexane
Concen: 156.662 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

Tgt Ion: 56 Resp: 424342
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 90.0 70.8 106.2





#27
1,2-Dichloroethane-d4
Concen: 26.044 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

Instrument :

MSVOA_X

Client Sample Id :

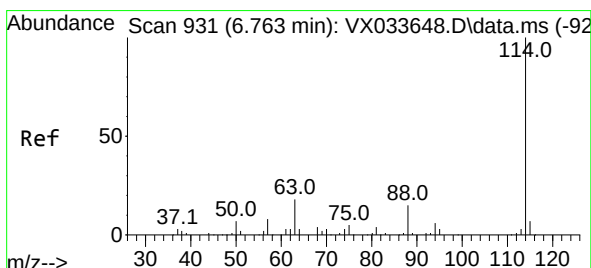
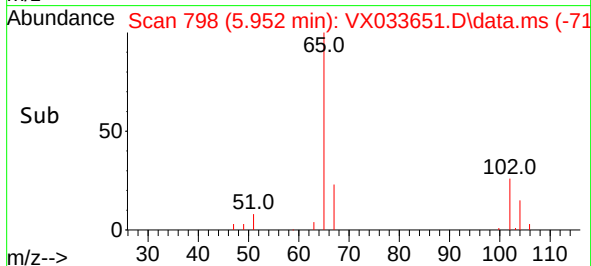
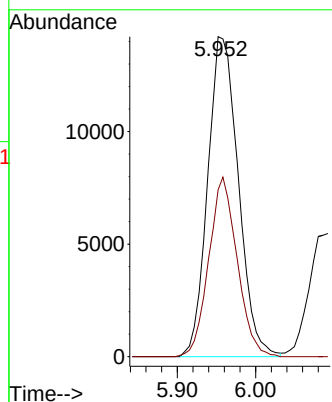
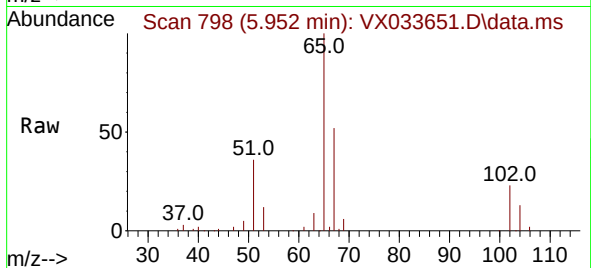
VSTDIC150

Tgt Ion: 65 Resp: 38648
Ion Ratio Lower Upper
65 100
67 52.0 40.4 60.6

Manual Integrations

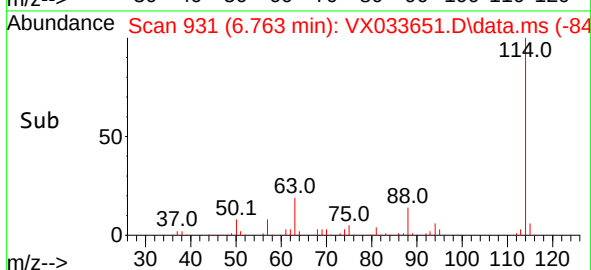
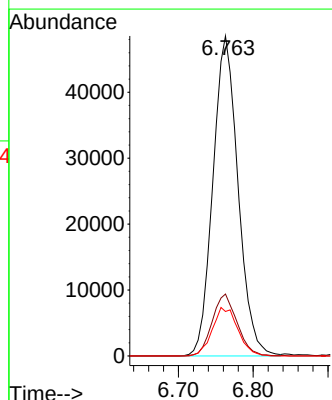
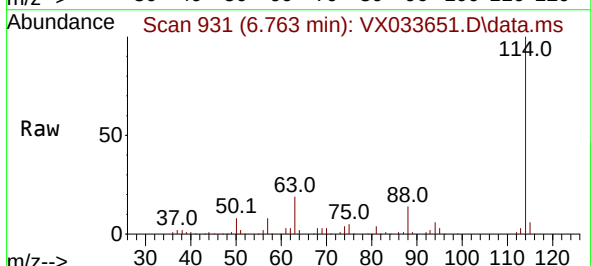
APPROVED

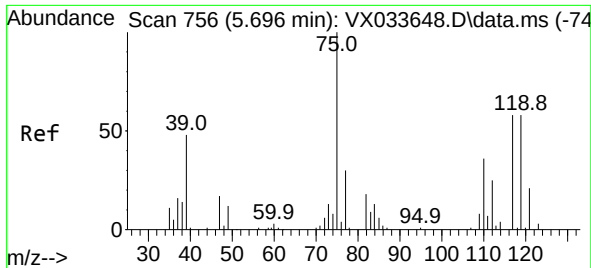
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

Tgt Ion:114 Resp: 113476
Ion Ratio Lower Upper
114 100
63 19.2 15.5 23.3
88 15.4 12.4 18.6





#29

1,1-Dichloropropene

Concen: 153.194 ug/l

RT: 5.696 min Scan# 756

Delta R.T. -0.000 min

Lab File: VX033651.D

Acq: 07 Jan 2023 00:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 75 Resp: 35466

Ion Ratio Lower Upper

75 100

110 38.0 0.0 71.4

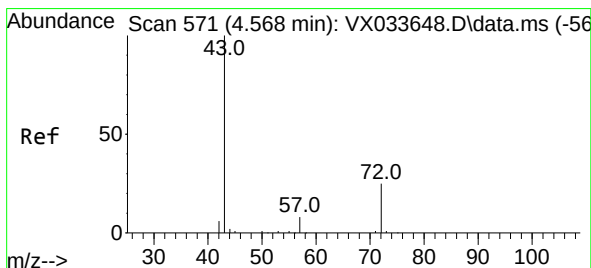
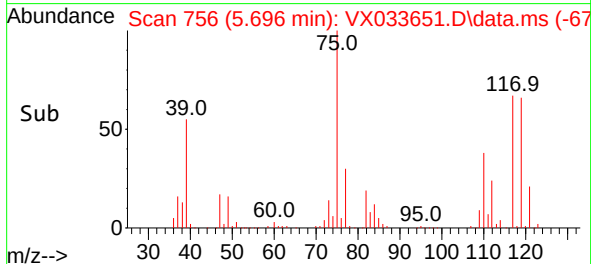
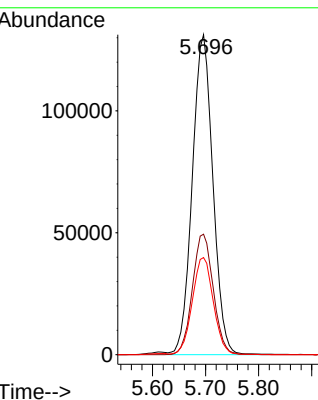
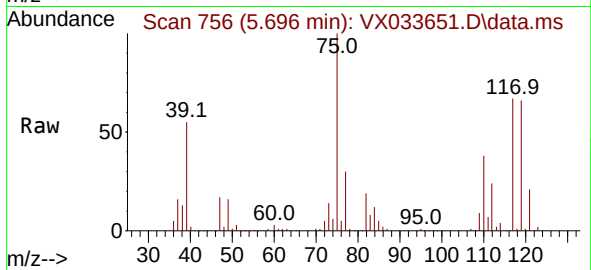
77 31.1 0.0 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2023

Supervised By :Mahesh Dadoda 01/09/2023



#30

2-Butanone

Concen: 818.425 ug/l

RT: 4.568 min Scan# 571

Delta R.T. -0.000 min

Lab File: VX033651.D

Acq: 07 Jan 2023 00:36

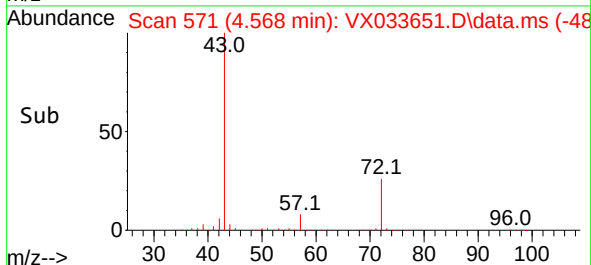
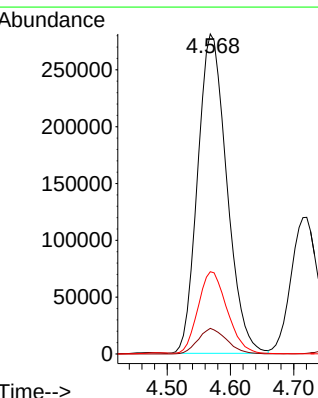
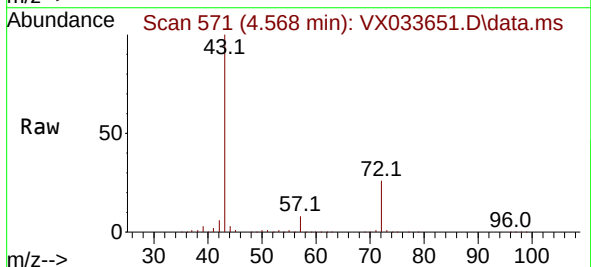
Tgt Ion: 43 Resp: 898293

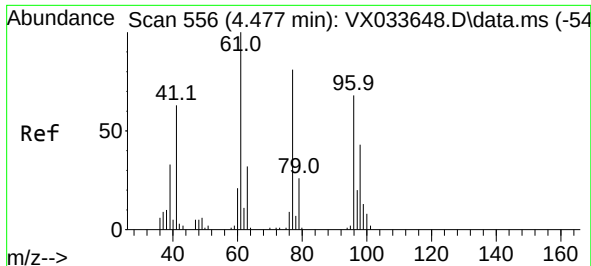
Ion Ratio Lower Upper

43 100

57 7.9 3.4 5.2

72 25.9 19.8 29.6





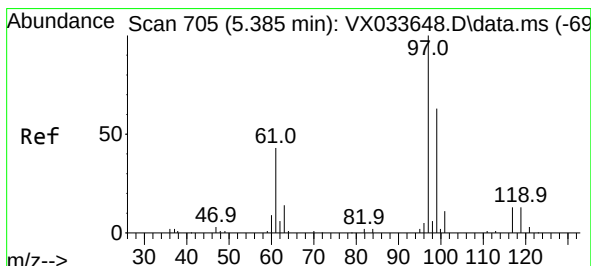
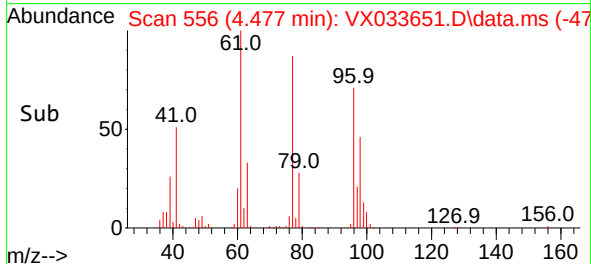
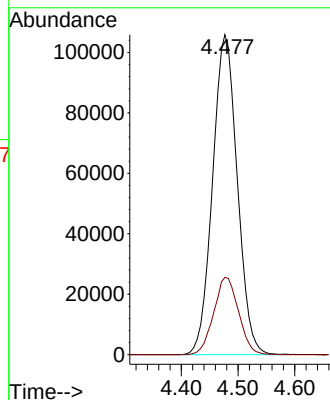
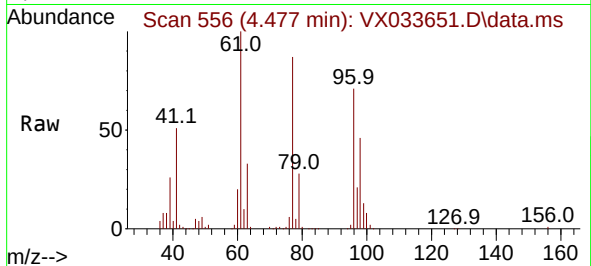
#31
2,2-Dichloropropane
Concen: 137.257 ug/l
RT: 4.477 min Scan# 511
Delta R.T. -0.000 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 77 Resp: 32015
Ion Ratio Lower Upper
77 100
97 24.3 19.0 28.6

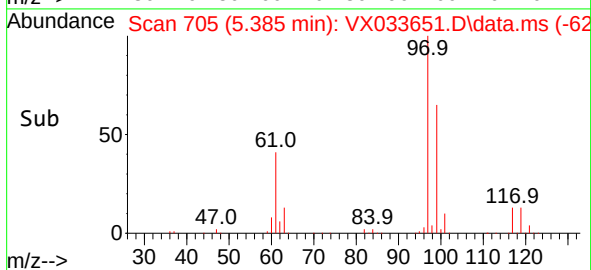
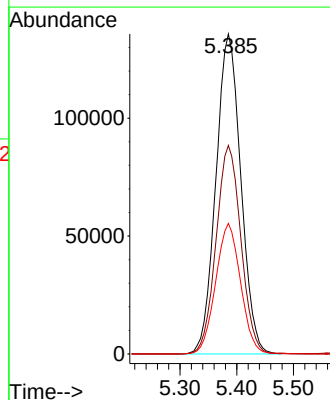
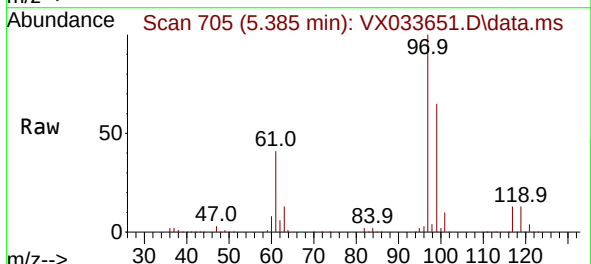
Manual Integrations
APPROVED

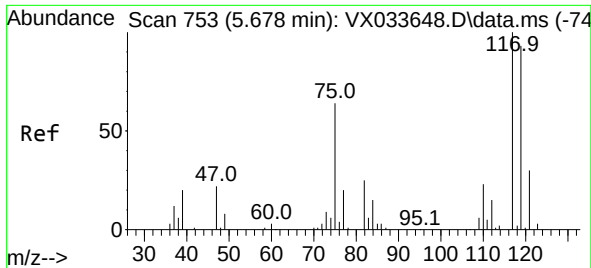
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#32
1,1,1-Trichloroethane
Concen: 142.258 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

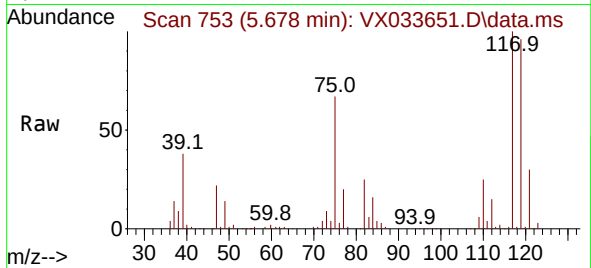
Tgt Ion: 97 Resp: 414238
Ion Ratio Lower Upper
97 100
99 64.8 52.0 78.0
61 40.8 35.4 53.2





#33
Carbon Tetrachloride
Concen: 142.333 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

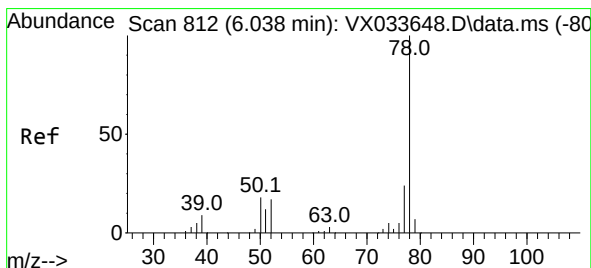
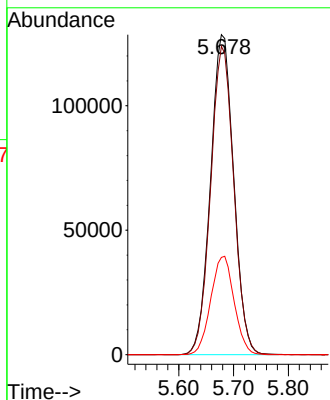
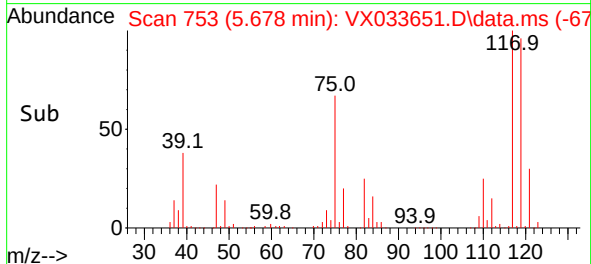
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:117 Resp: 377689
Ion Ratio Lower Upper
117 100
119 96.4 74.8 112.2
121 30.4 23.8 35.8

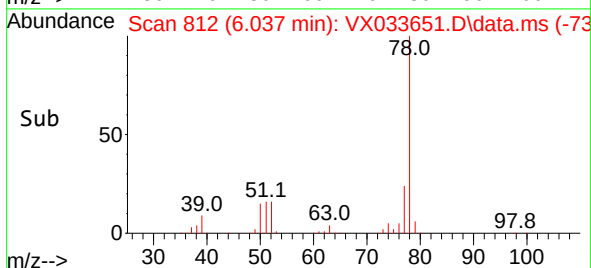
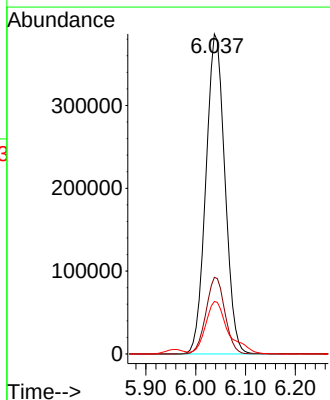
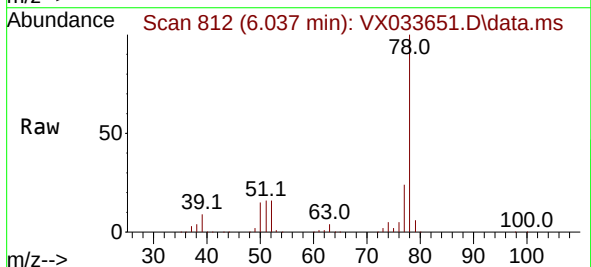
Manual Integrations
APPROVED

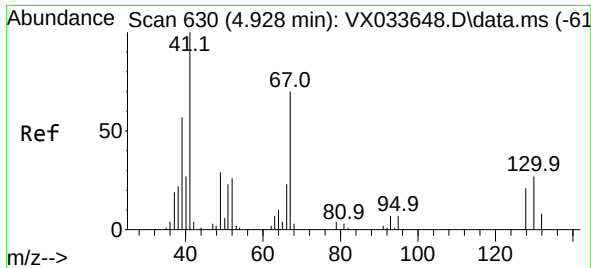
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#34
Benzene
Concen: 154.367 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

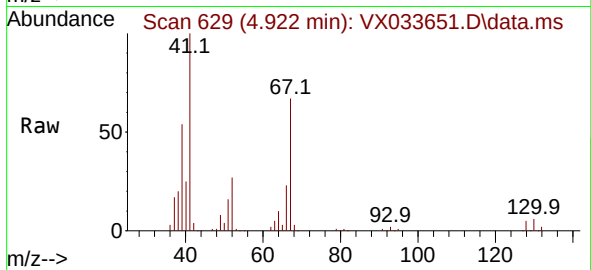
Tgt Ion: 78 Resp: 1023687
Ion Ratio Lower Upper
78 100
77 24.0 19.5 29.3
51 16.3 13.0 19.6





#35
Methacrylonitrile
Concen: 176.369 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

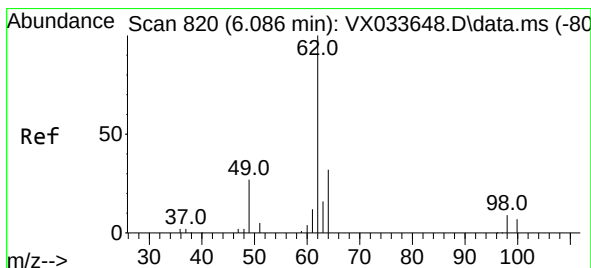
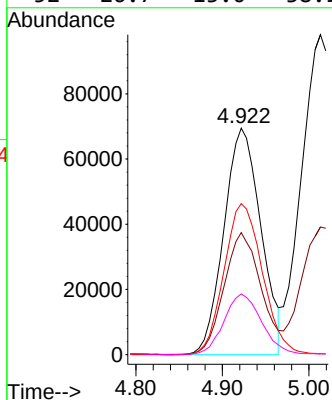
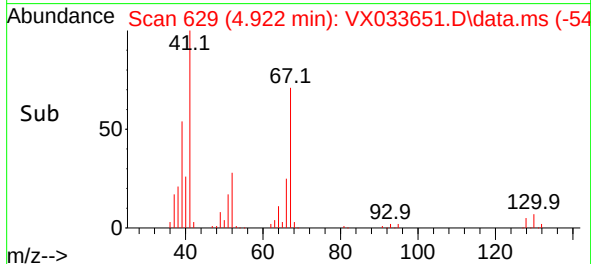
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 41 Resp: 20651
Ion Ratio Lower Upper
41 100
39 53.8 28.6 85.9
67 66.6 34.8 104.3
52 26.7 13.0 38.9

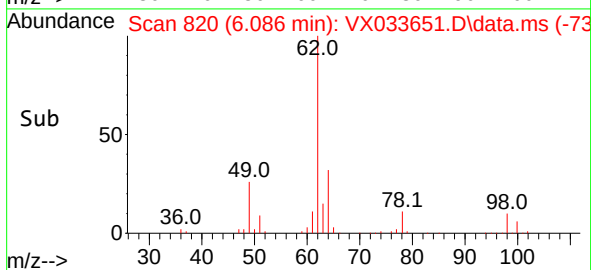
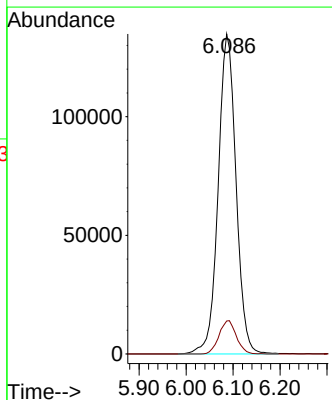
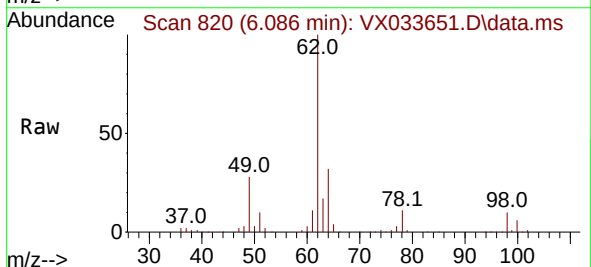
Manual Integrations
APPROVED

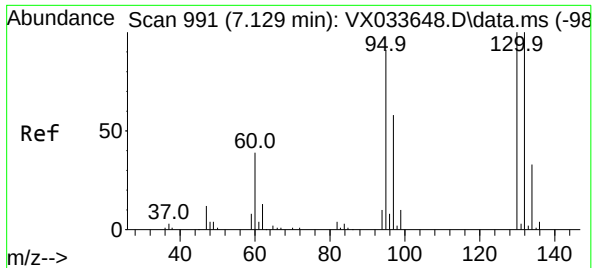
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#36
1,2-Dichloroethane
Concen: 141.651 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

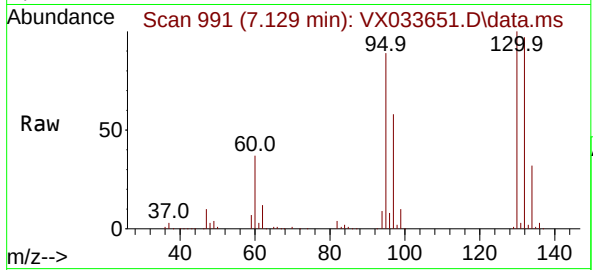
Tgt Ion: 62 Resp: 356601
Ion Ratio Lower Upper
62 100
98 10.1 7.4 11.0





#37
Trichloroethene
Concen: 160.786 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

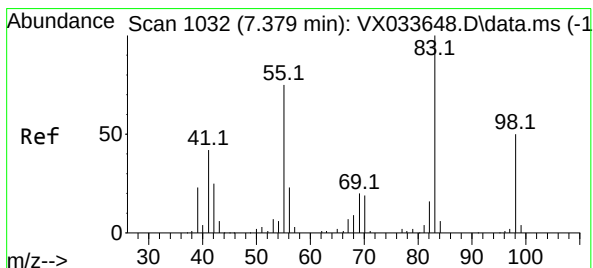
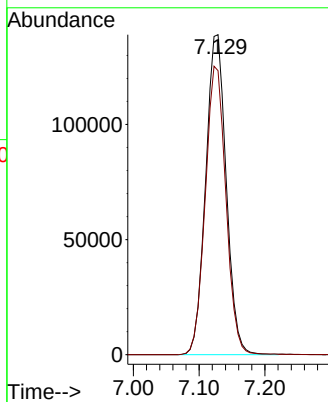
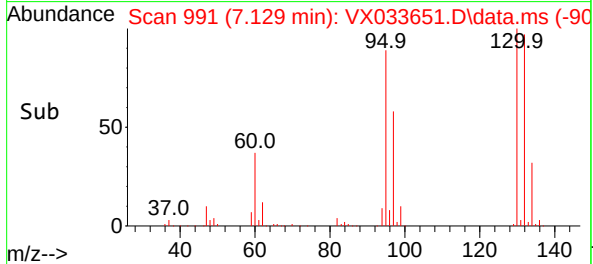
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



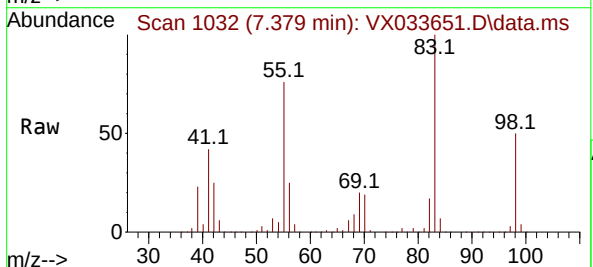
Tgt Ion:130 Resp: 302988
Ion Ratio Lower Upper
130 100
95 88.7 73.1 109.7

Manual Integrations
APPROVED

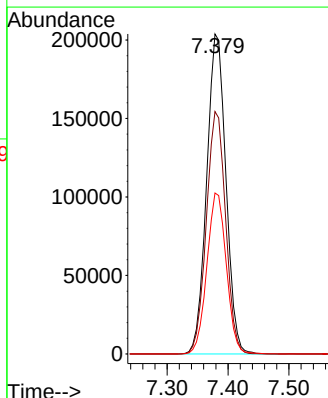
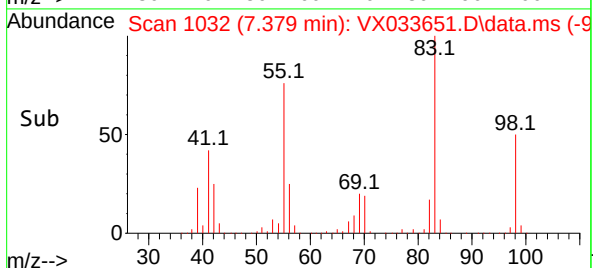
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023

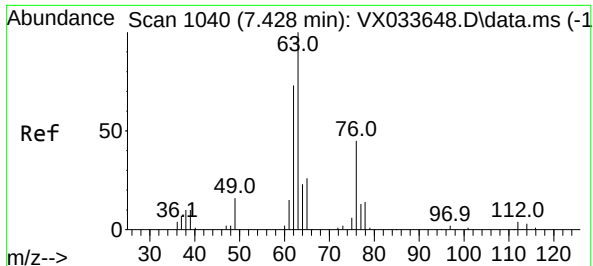


#38
Methylcyclohexane
Concen: 162.194 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36



Tgt Ion: 83 Resp: 447637
Ion Ratio Lower Upper
83 100
55 75.8 38.6 115.7
98 50.8 25.3 75.8





#39

1,2-Dichloropropane

Concen: 159.112 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX033651.D

Acq: 07 Jan 2023 00:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 63 Resp: 26564

Ion Ratio Lower Upper

63 100

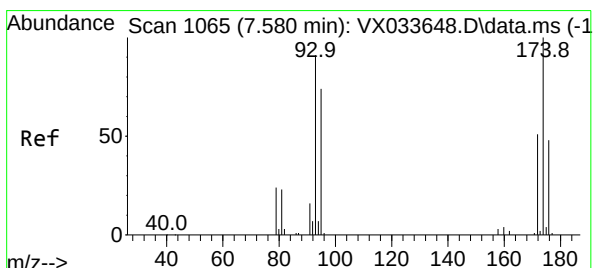
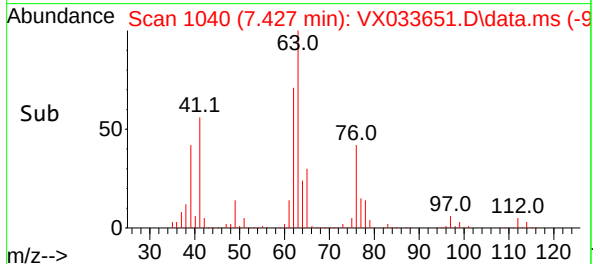
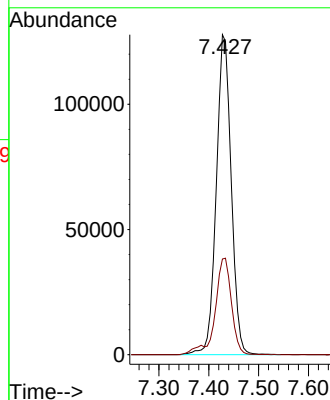
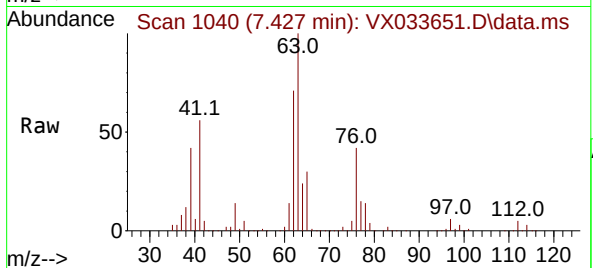
65 29.9 23.2 34.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2023

Supervised By :Mahesh Dadoda 01/09/2023



#40

Dibromomethane

Concen: 146.577 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX033651.D

Acq: 07 Jan 2023 00:36

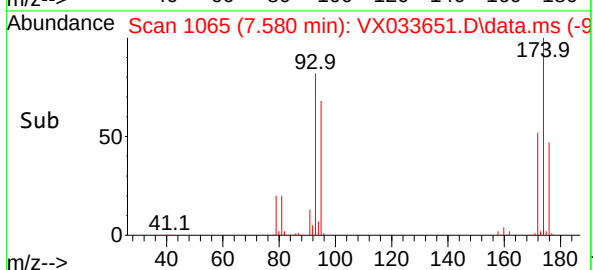
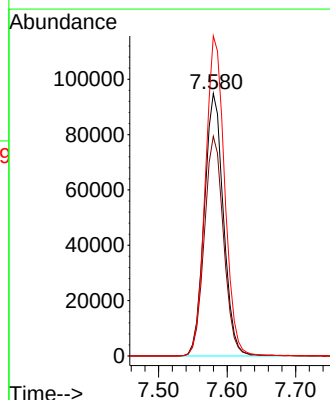
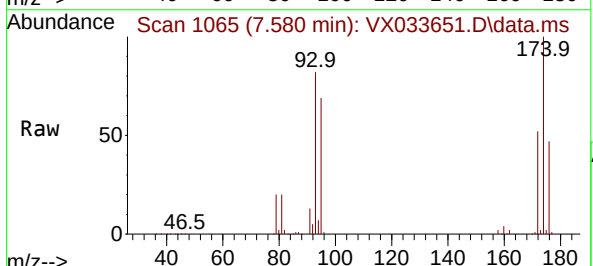
Tgt Ion: 93 Resp: 184002

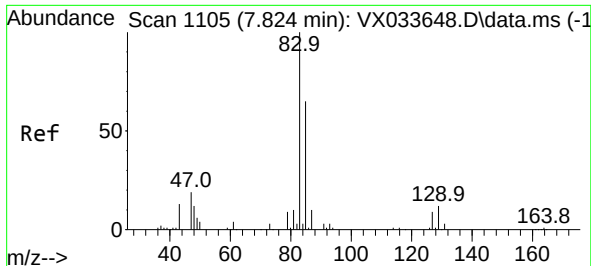
Ion Ratio Lower Upper

93 100

95 83.9 0.0 166.4

174 122.8 0.0 233.8





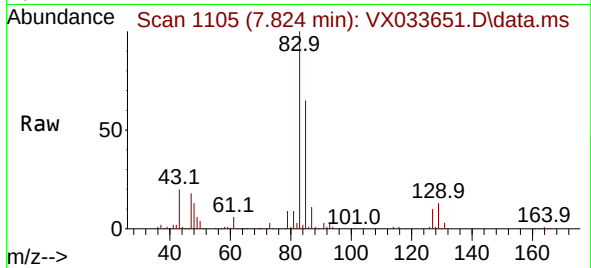
#41
Bromodichloromethane
Concen: 143.437 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150



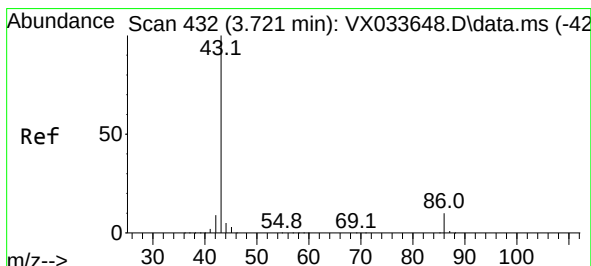
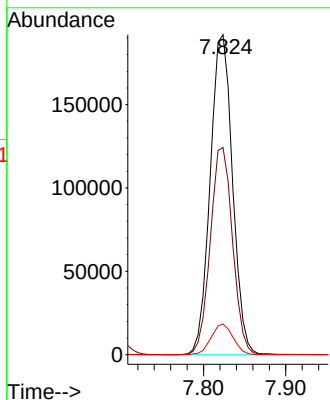
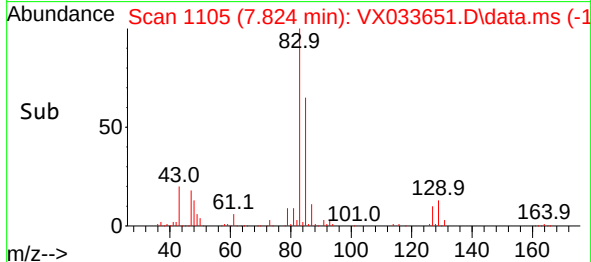
Tgt Ion: 83 Resp: 362689
Ion Ratio Lower Upper
83 100
85 64.7 52.0 78.0
127 9.6 7.4 11.0

Manual Integrations

APPROVED

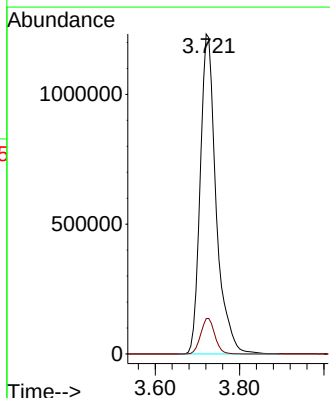
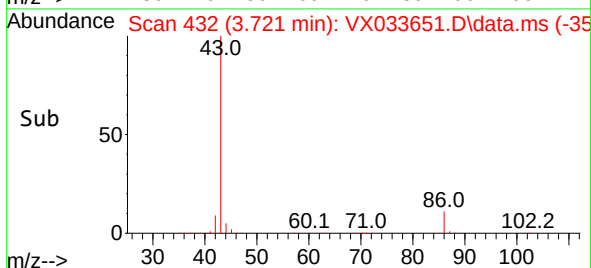
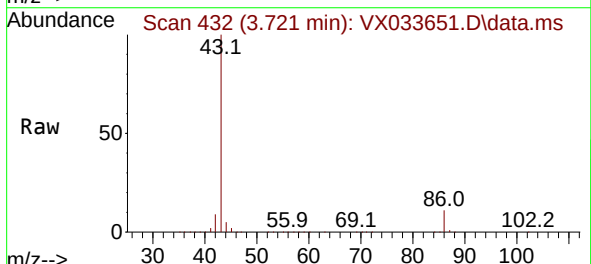
Reviewed By :John Carlone 01/09/2023

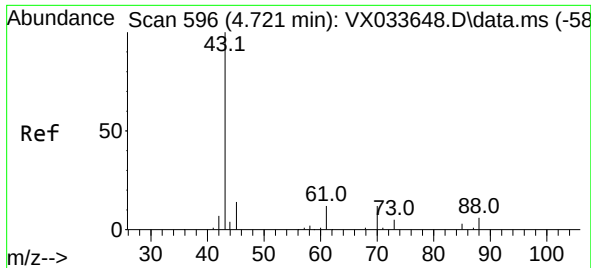
Supervised By :Mahesh Dadoda 01/09/2023



#42
Vinyl Acetate
Concen: 836.412 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

Tgt Ion: 43 Resp: 3240918
Ion Ratio Lower Upper
43 100
86 9.9 7.2 10.8





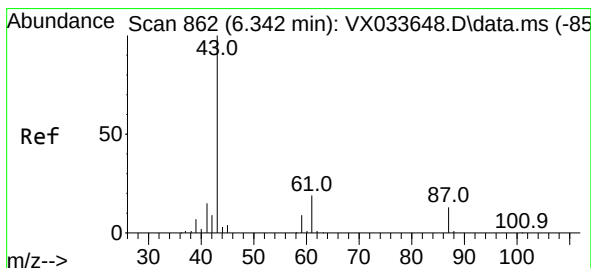
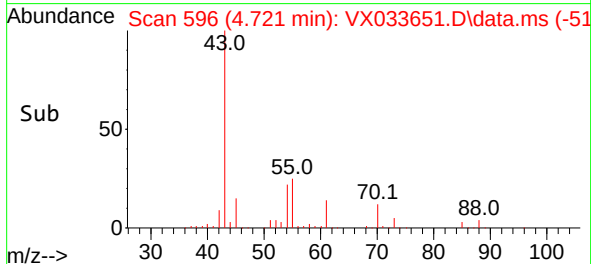
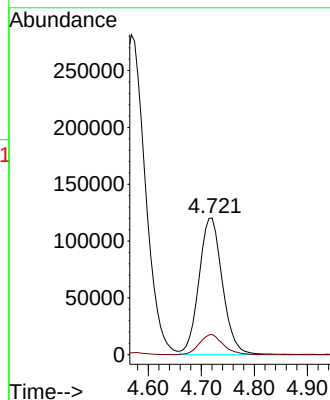
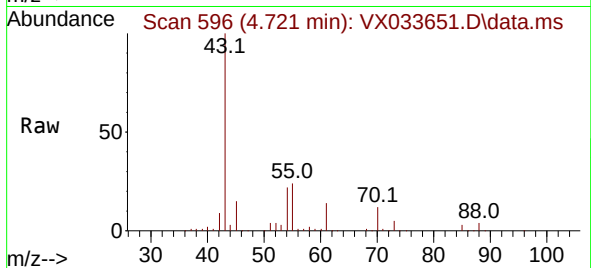
#43
Ethyl Acetate
Concen: 176.904 ug/l
RT: 4.721 min Scan# 596
Delta R.T. -0.000 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 36845
Ion Ratio Lower Upper
43 100
45 15.0 11.2 16.8

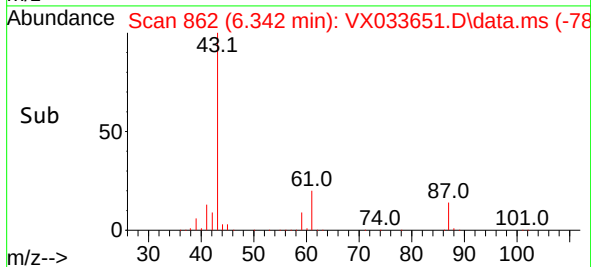
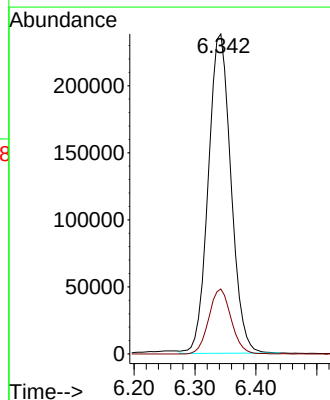
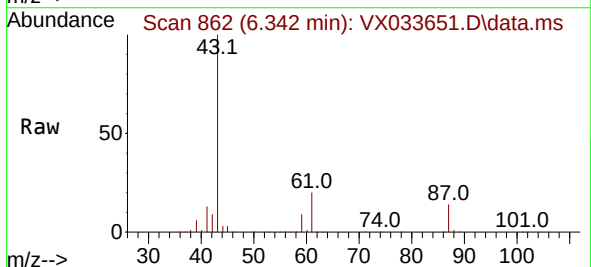
Manual Integrations
APPROVED

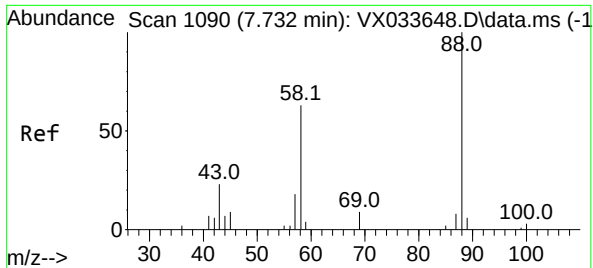
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#44
Isopropyl Acetate
Concen: 181.103 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

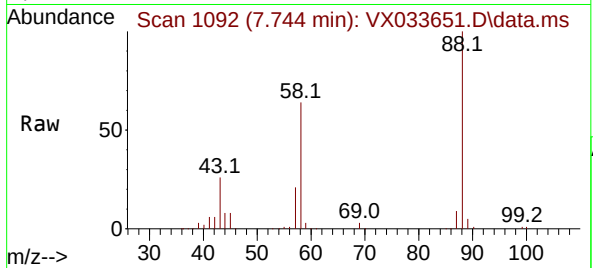
Tgt Ion: 43 Resp: 616250
Ion Ratio Lower Upper
43 100
61 20.0 15.4 23.2





#45
1,4-Dioxane
Concen: 3160.928 ug/l
RT: 7.744 min Scan# 1090
Delta R.T. 0.012 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

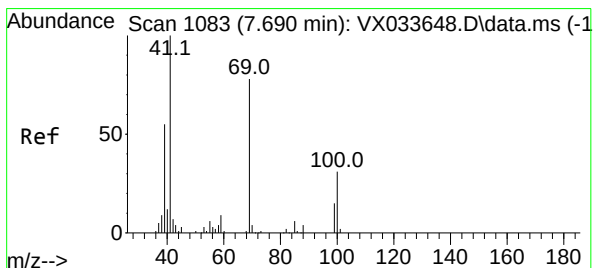
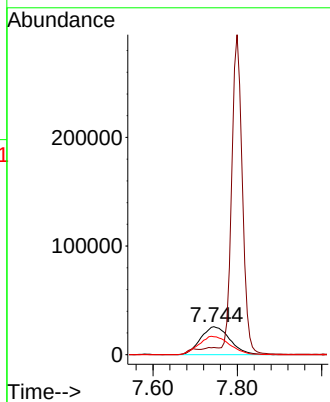
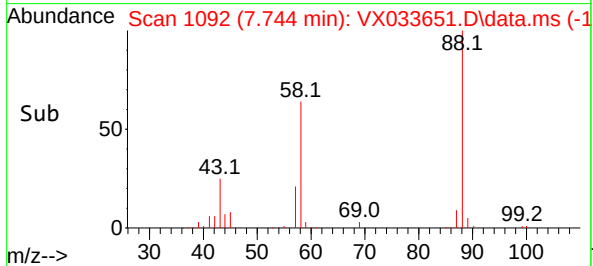
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 88 Resp: 124130
Ion Ratio Lower Upper
88 100
43 6.6 1.2 1.8
58 69.3 8.5 12.7

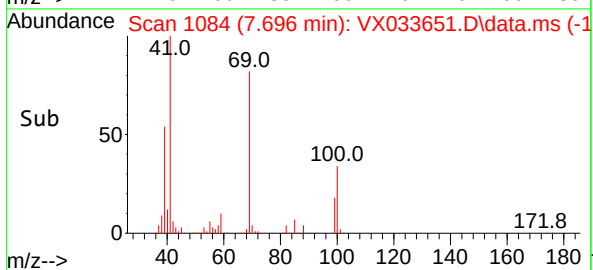
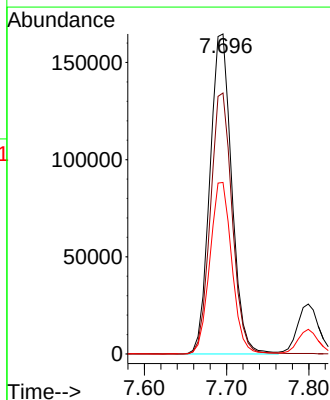
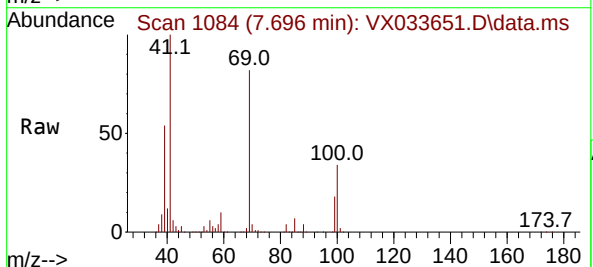
Manual Integrations
APPROVED

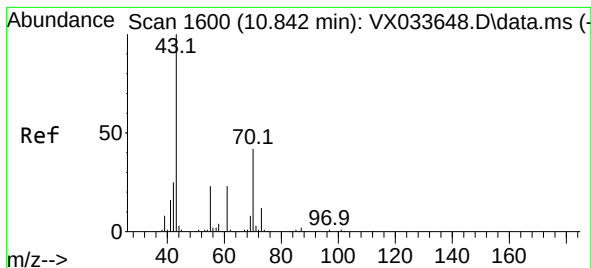
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#46
Methyl methacrylate
Concen: 177.718 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

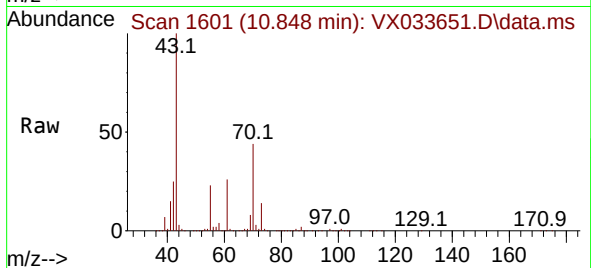
Tgt Ion: 41 Resp: 304551
Ion Ratio Lower Upper
41 100
69 81.5 39.1 117.3
39 53.6 27.7 83.0





#47
n-amyl acetate
Concen: 178.967 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

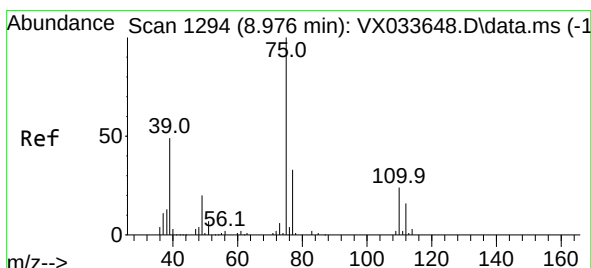
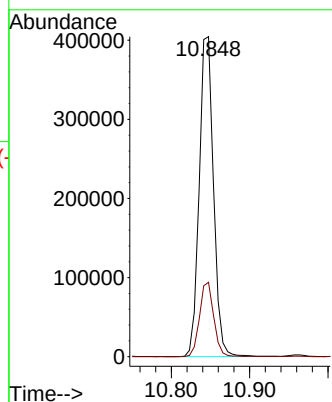
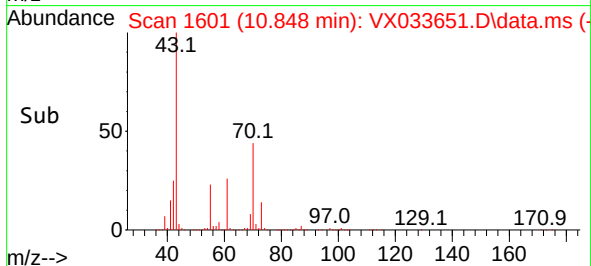
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 514754
Ion Ratio Lower Upper
43 100
55 23.2 19.3 28.9

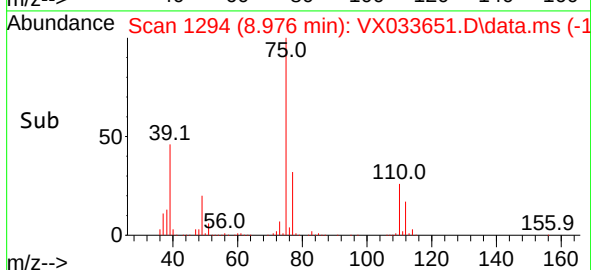
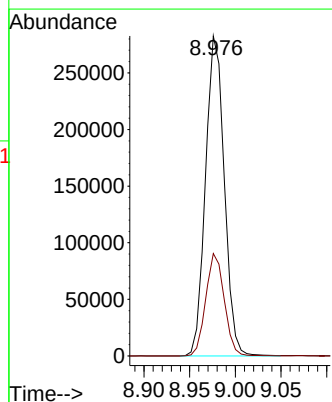
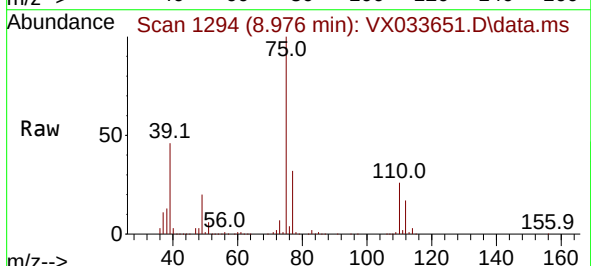
Manual Integrations
APPROVED

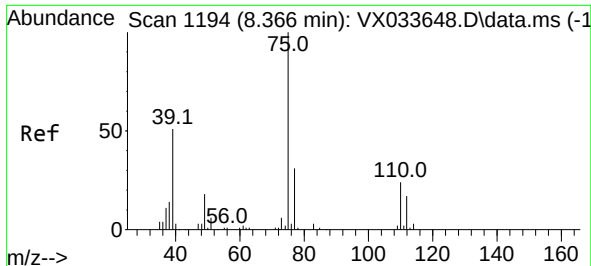
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#48
t-1,3-Dichloropropene
Concen: 159.215 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

Tgt Ion: 75 Resp: 403504
Ion Ratio Lower Upper
75 100
77 32.0 26.5 39.7





#49

cis-1,3-Dichloropropene

Concen: 157.461 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX033651.D

Acq: 07 Jan 2023 00:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 75 Resp: 432190

Ion Ratio Lower Upper

75 100

77 31.5 24.7 37.1

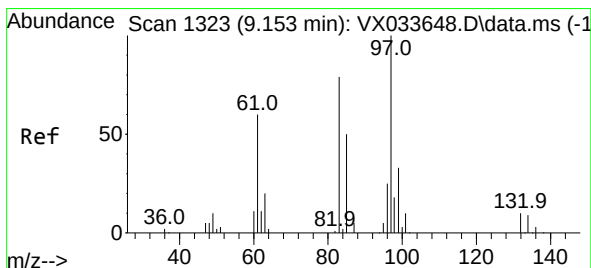
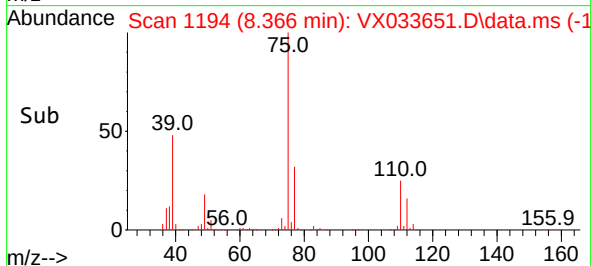
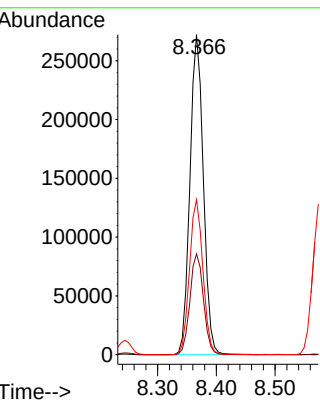
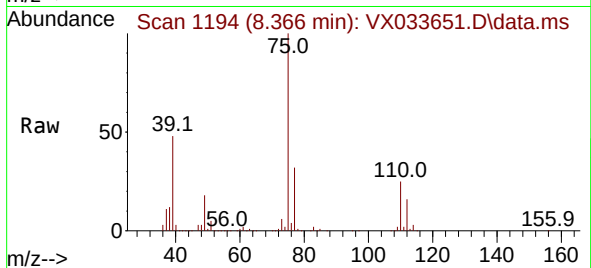
39 48.4 40.7 61.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2023

Supervised By :Mahesh Dadoda 01/09/2023



#50

1,1,2-Trichloroethane

Concen: 152.494 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX033651.D

Acq: 07 Jan 2023 00:36

Tgt Ion: 97 Resp: 265604

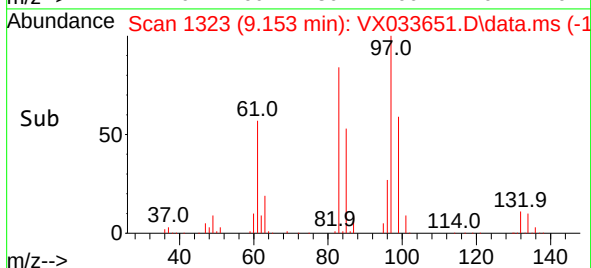
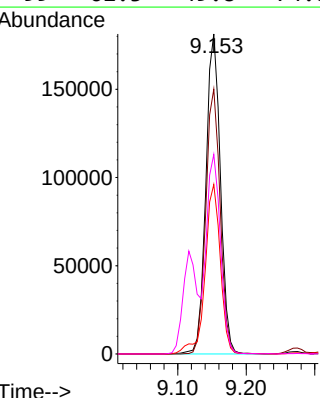
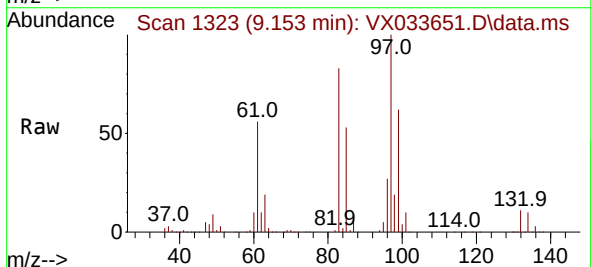
Ion Ratio Lower Upper

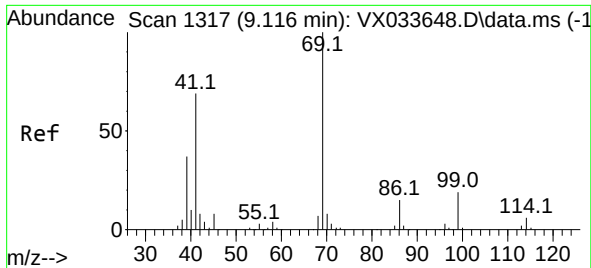
97 100

83 82.7 63.0 94.4

85 52.9 42.8 64.2

99 62.3 49.8 74.8





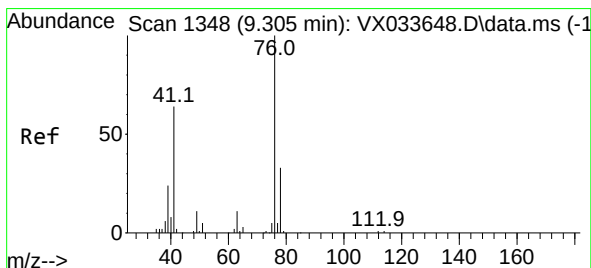
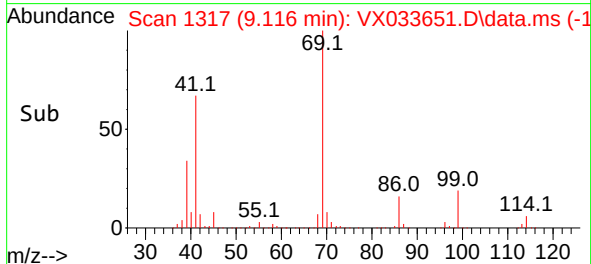
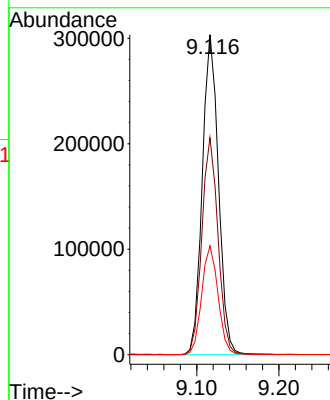
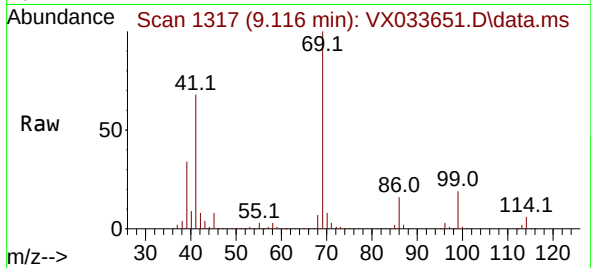
#51
Ethyl methacrylate
Concen: 164.567 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 69 Resp: 41514
Ion Ratio Lower Upper
69 100
41 67.8 34.3 102.9
39 34.0 18.3 54.9

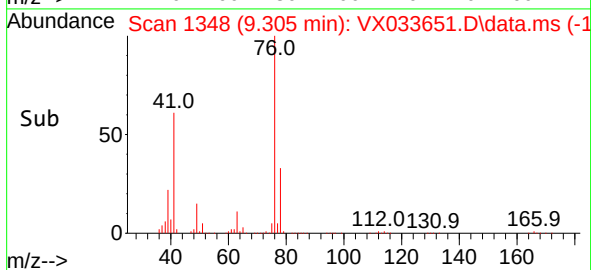
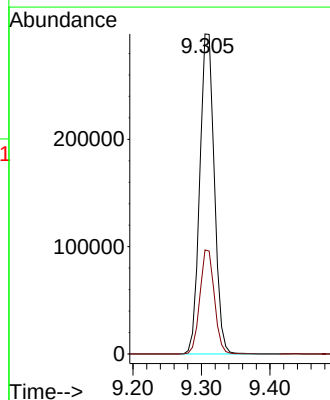
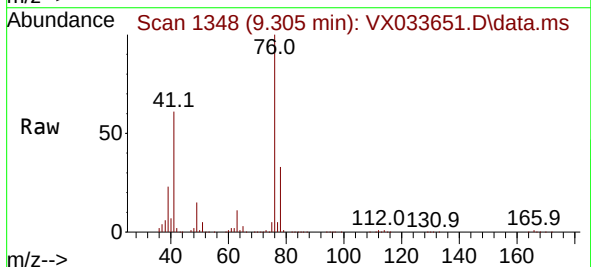
Manual Integrations
APPROVED

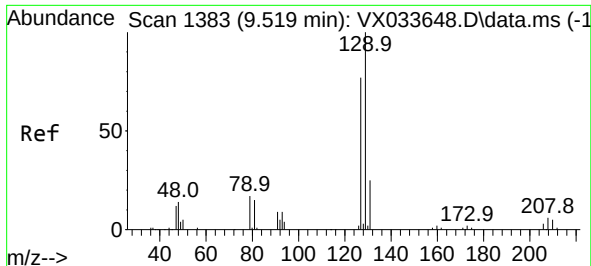
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#52
1,3-Dichloropropane
Concen: 153.887 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

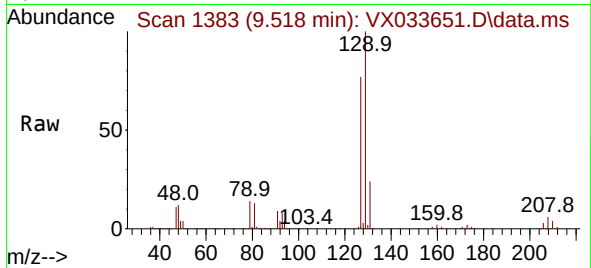
Tgt Ion: 76 Resp: 441350
Ion Ratio Lower Upper
76 100
78 32.3 0.0 64.6





#53
Dibromochloromethane
Concen: 151.376 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

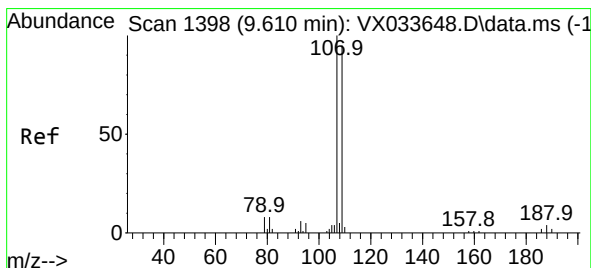
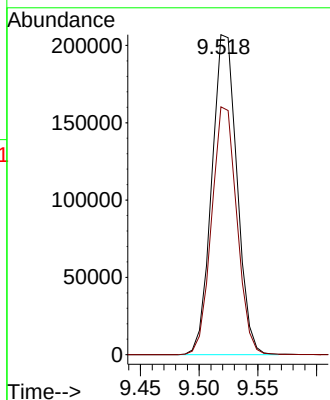
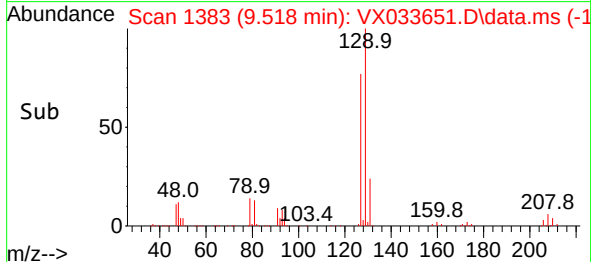
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



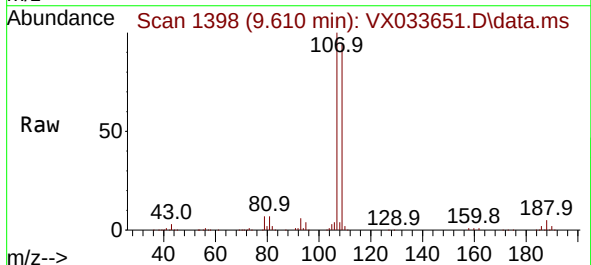
Tgt Ion:129 Resp: 308699
Ion Ratio Lower Upper
129 100
127 77.6 39.8 119.4

Manual Integrations
APPROVED

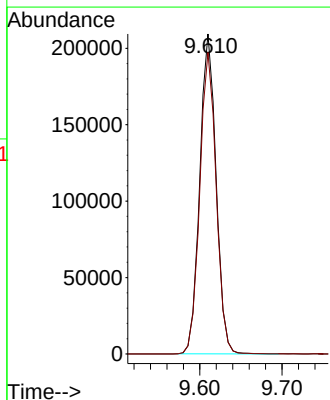
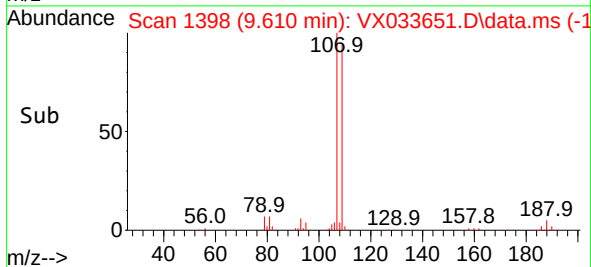
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023

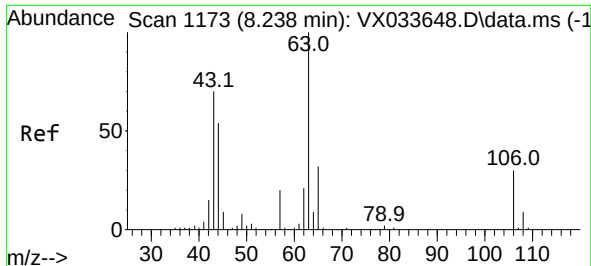


#54
1,2-Dibromoethane
Concen: 151.985 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36



Tgt Ion:107 Resp: 288257
Ion Ratio Lower Upper
107 100
109 94.8 76.4 114.6





#55

2-Chloroethyl vinyl ether

Concen: 795.392 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX033651.D

Acq: 07 Jan 2023 00:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 957124

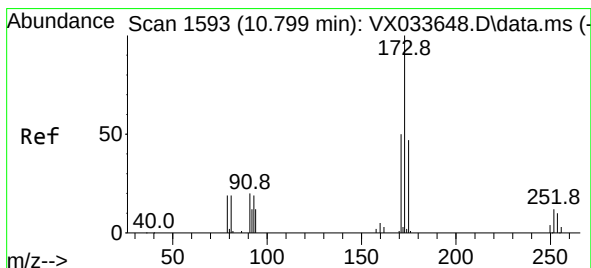
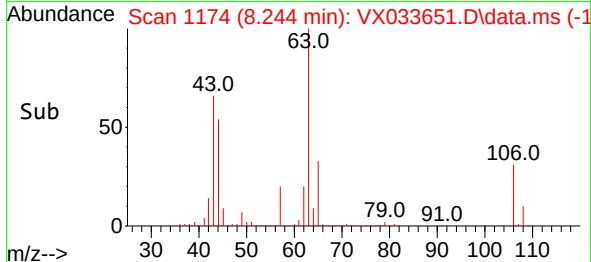
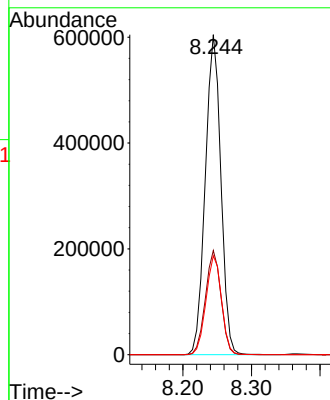
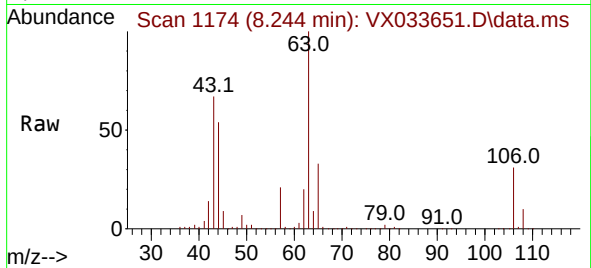
Ion	Ratio	Lower	Upper
63	100		
65	32.4	26.2	39.4
106	30.8	24.0	36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2023

Supervised By :Mahesh Dadoda 01/09/2023



#56

Bromoform

Concen: 163.579 ug/l

RT: 10.799 min Scan# 1593

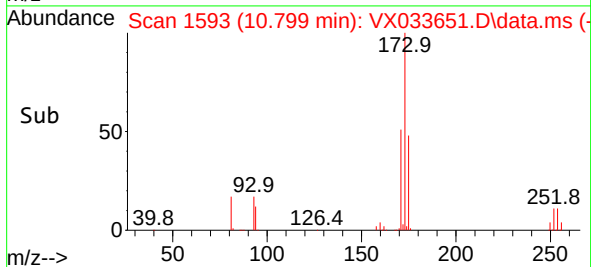
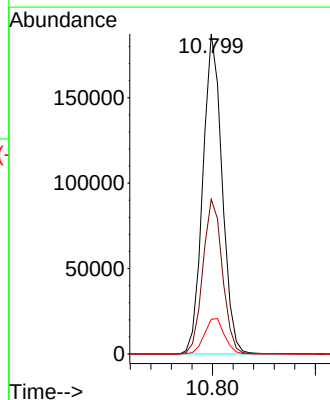
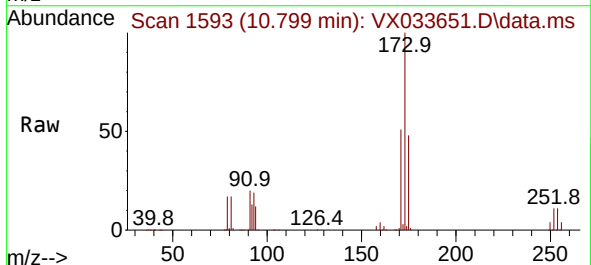
Delta R.T. -0.000 min

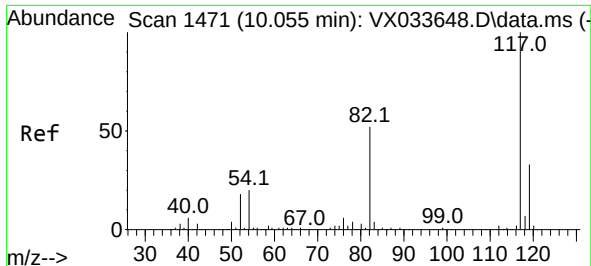
Lab File: VX033651.D

Acq: 07 Jan 2023 00:36

Tgt Ion:173 Resp: 244342

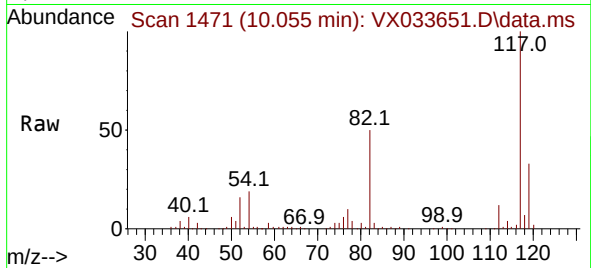
Ion	Ratio	Lower	Upper
173	100		
175	49.0	38.2	57.4
254	11.5	8.6	13.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

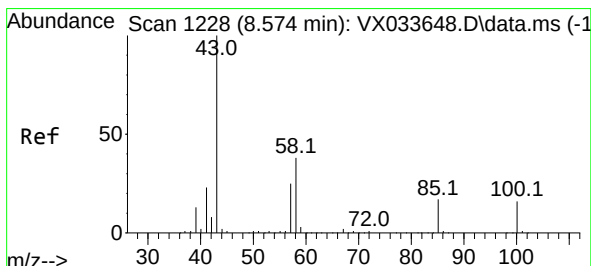
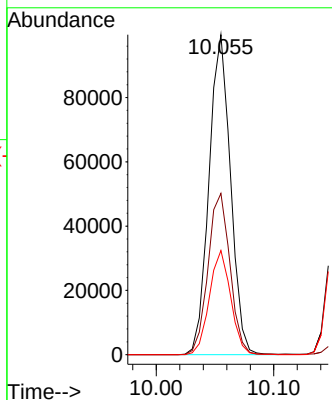
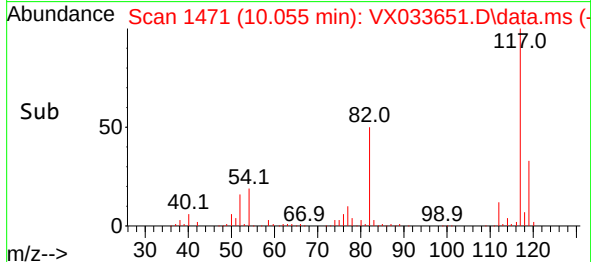
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 117 Resp: 12687
Ion Ratio Lower Upper
117 100
82 51.6 41.9 62.9
119 32.3 25.6 38.4

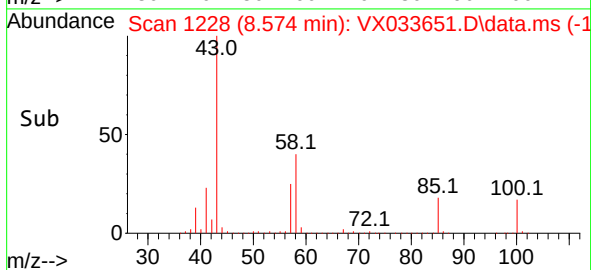
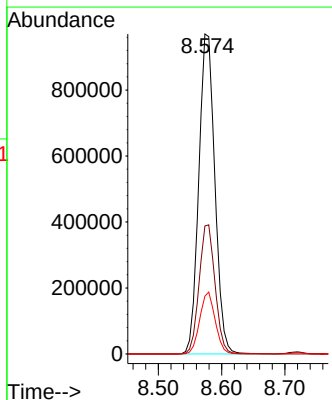
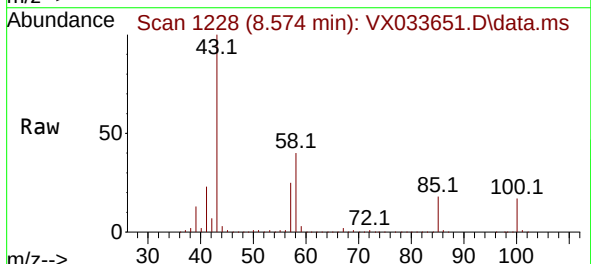
Manual Integrations
APPROVED

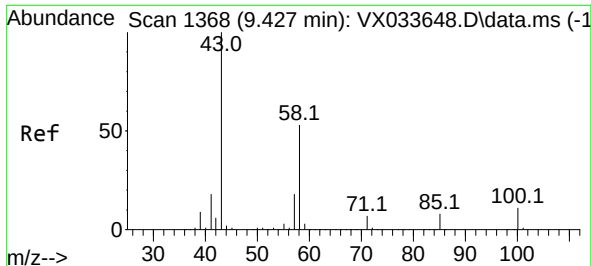
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#58
4-Methyl-2-Pentanone
Concen: 802.488 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

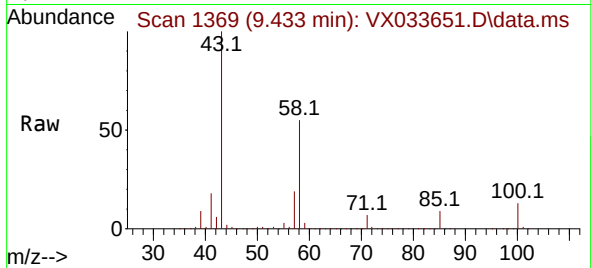
Tgt Ion: 43 Resp: 1717662
Ion Ratio Lower Upper
43 100
58 40.0 30.2 45.4
85 18.6 13.8 20.8





#59
2-Hexanone
Concen: 792.175 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

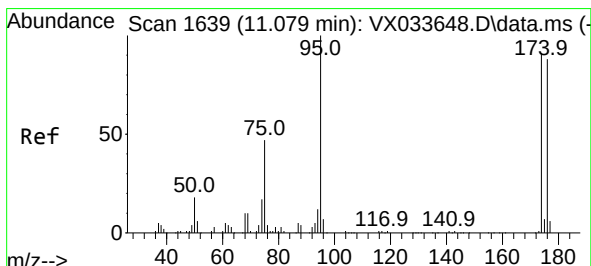
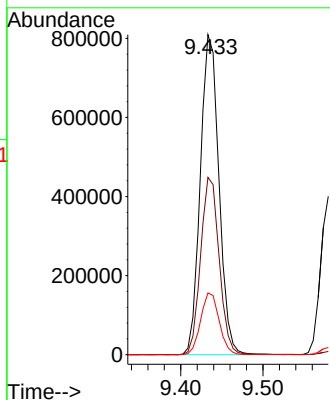
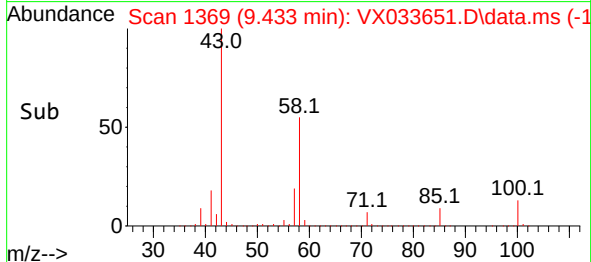
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 43 Resp: 127145
Ion Ratio Lower Upper
43 100
58 55.3 42.9 64.3
57 19.3 15.0 22.6

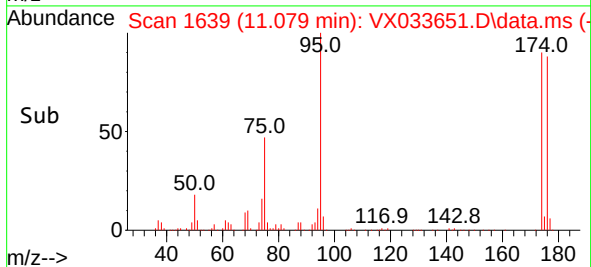
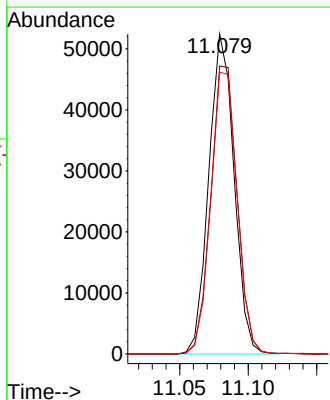
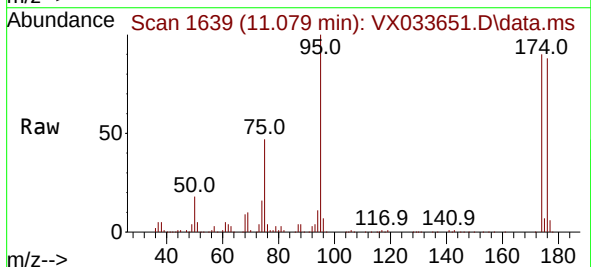
Manual Integrations
APPROVED

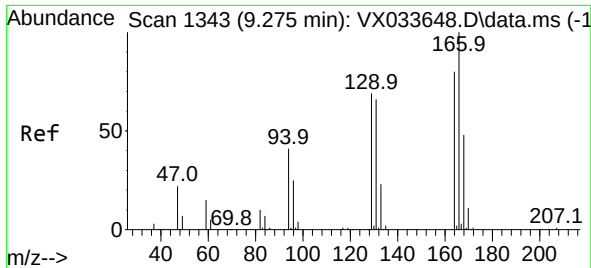
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#60
4-Bromofluorobenzene
Concen: 28.763 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

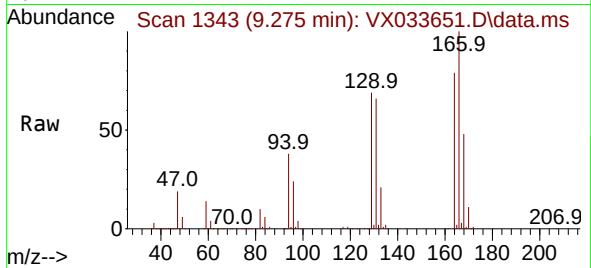
Tgt Ion: 95 Resp: 67187
Ion Ratio Lower Upper
95 100
174 93.7 73.7 110.5
176 92.0 71.0 106.4





#61
Tetrachloroethene
Concen: 155.619 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

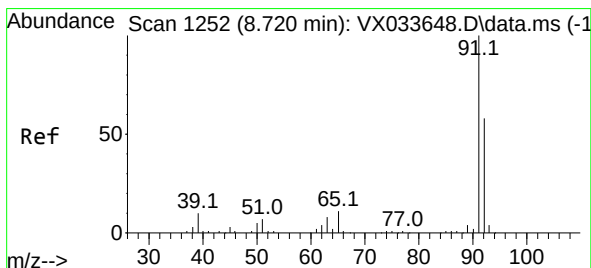
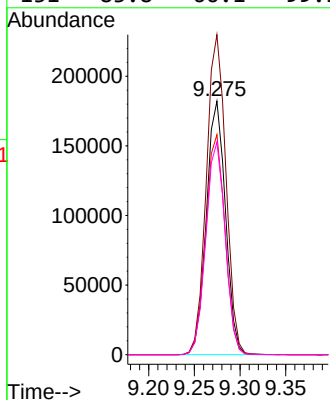
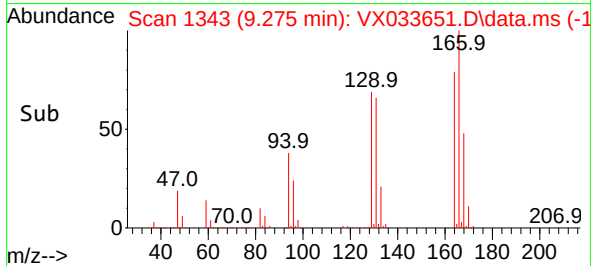
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:164 Resp: 26508
Ion Ratio Lower Upper
164 100
166 126.2 100.2 150.4
129 86.8 68.8 103.2
131 83.8 66.1 99.1

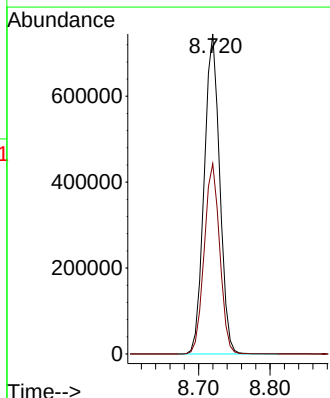
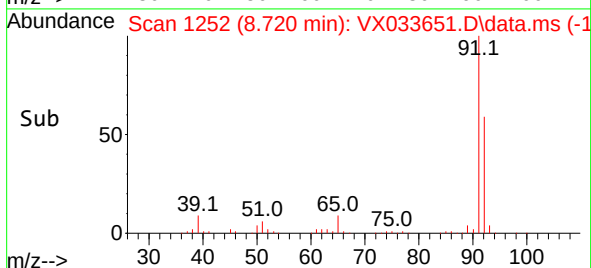
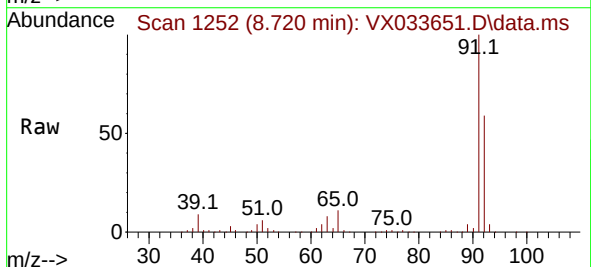
Manual Integrations
APPROVED

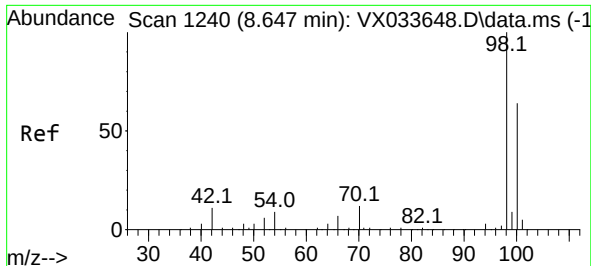
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#62
Toluene
Concen: 145.785 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

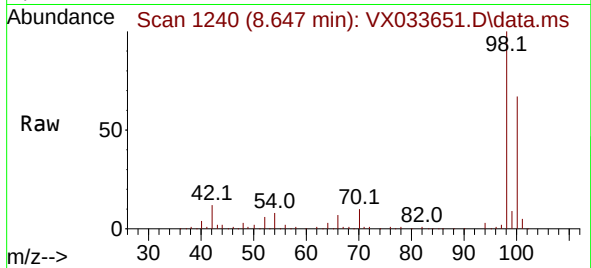
Tgt Ion: 91 Resp: 1122651
Ion Ratio Lower Upper
91 100
92 59.4 45.8 68.8





#63
Toluene-d8
Concen: 28.870 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

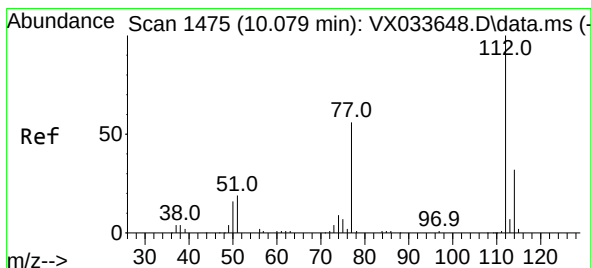
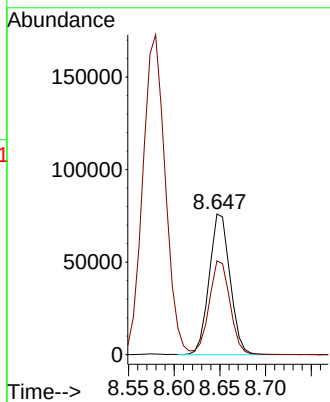
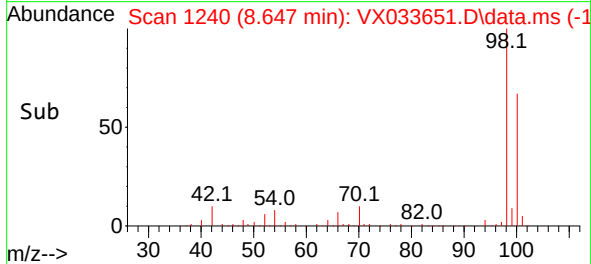
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 98 Resp: 120854
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7

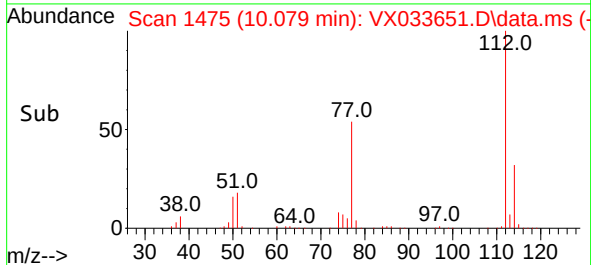
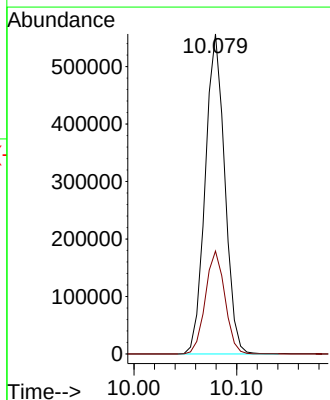
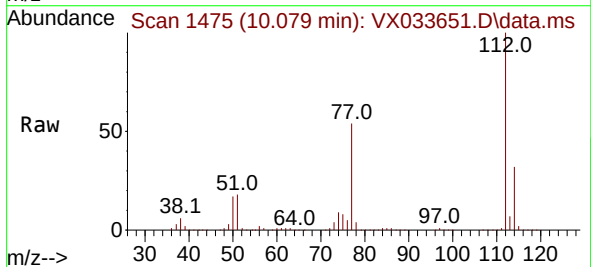
Manual Integrations
APPROVED

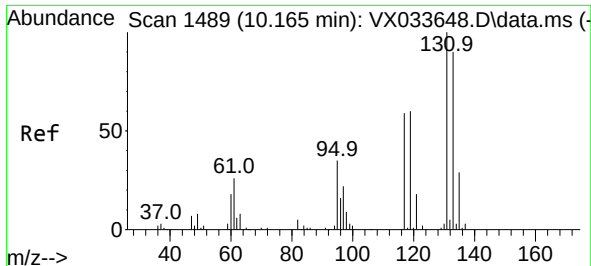
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#64
Chlorobenzene
Concen: 150.284 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

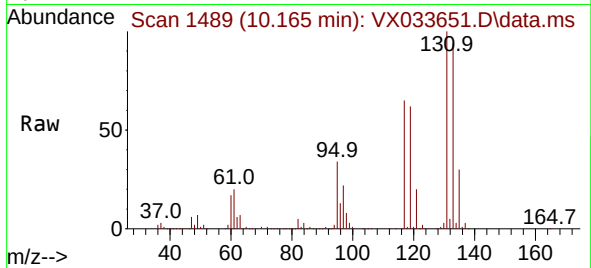
Tgt Ion:112 Resp: 734247
Ion Ratio Lower Upper
112 100
114 32.1 25.6 38.4





#65
1,1,1,2-Tetrachloroethane
Concen: 150.444 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

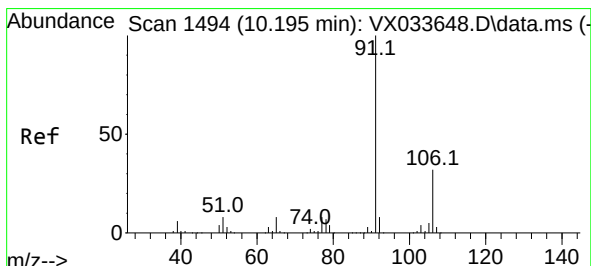
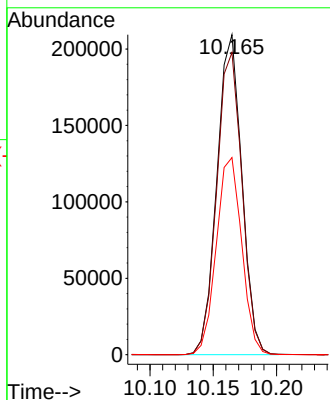
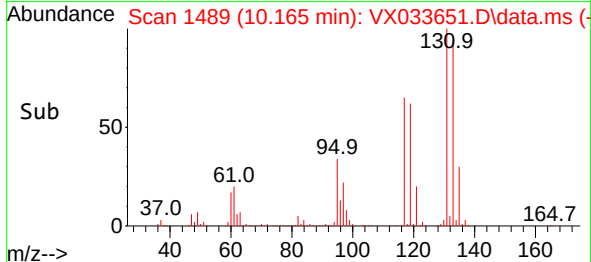
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



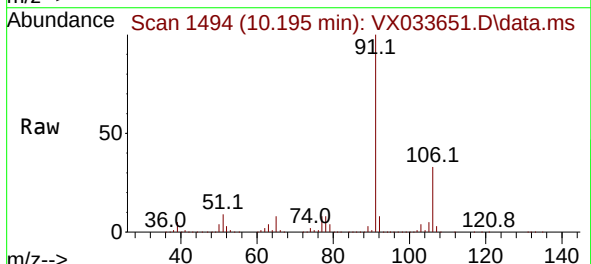
Tgt Ion:131 Resp: 286864
Ion Ratio Lower Upper
131 100
133 96.0 0.0 187.6
119 62.9 0.0 124.0

Manual Integrations
APPROVED

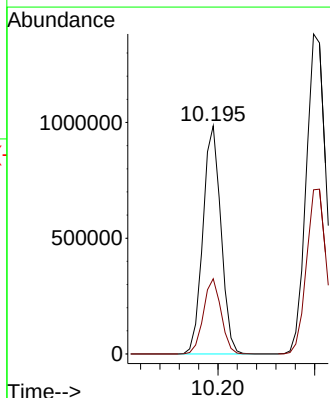
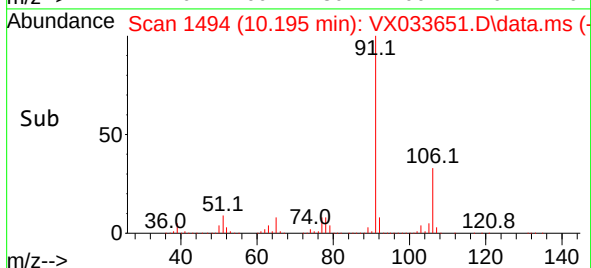
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023

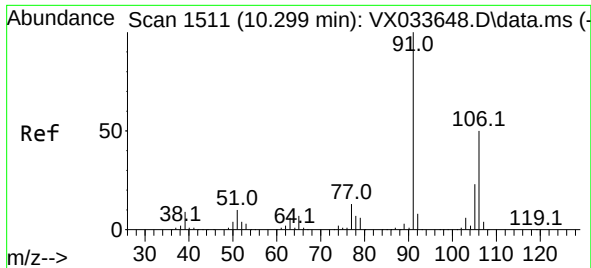


#66
Ethyl Benzene
Concen: 147.545 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36



Tgt Ion: 91 Resp: 1277353
Ion Ratio Lower Upper
91 100
106 33.0 25.2 37.8





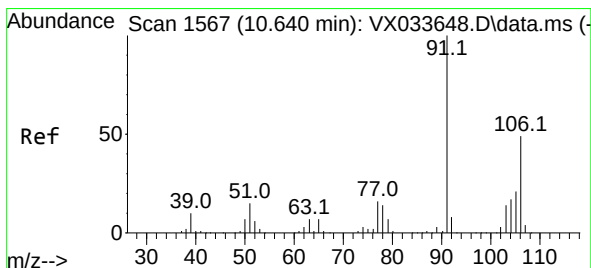
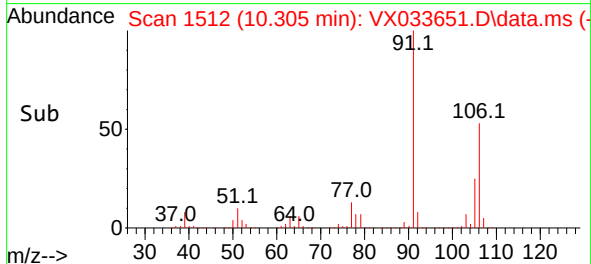
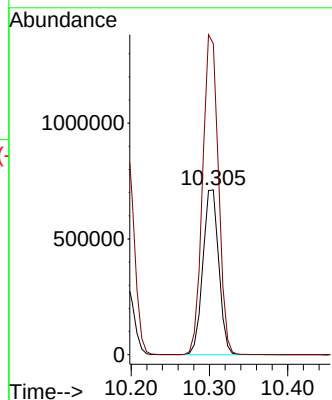
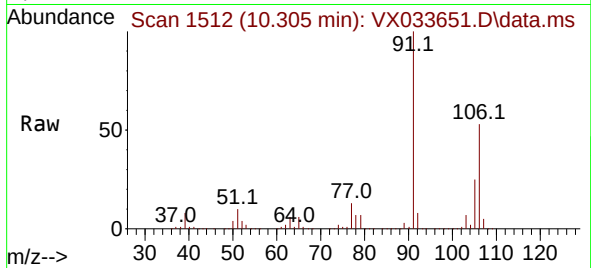
#67
m/p-Xylenes
Concen: 294.682 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 100267
Ion Ratio Lower Upper
106 100
91 193.1 157.3 235.9

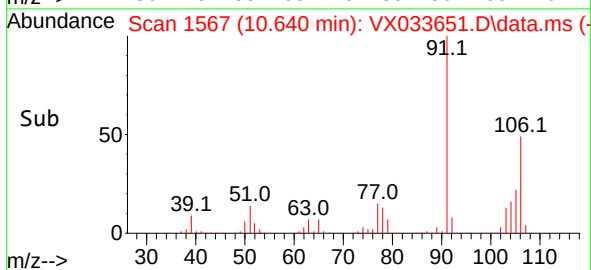
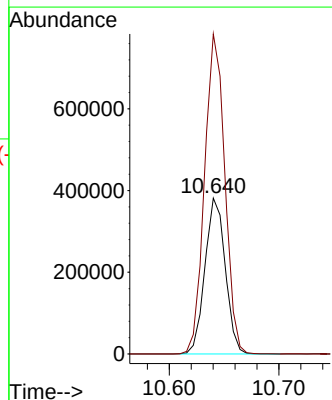
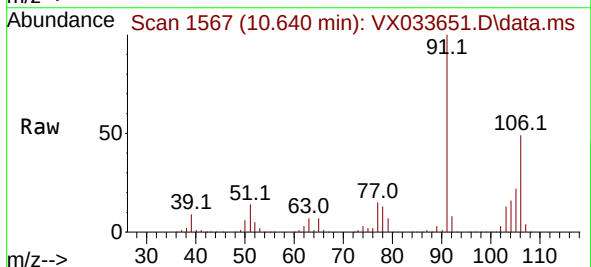
Manual Integrations
APPROVED

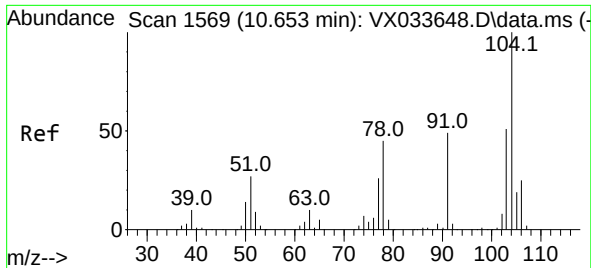
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#68
o-Xylene
Concen: 148.210 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

Tgt Ion:106 Resp: 491227
Ion Ratio Lower Upper
106 100
91 204.9 104.6 313.8





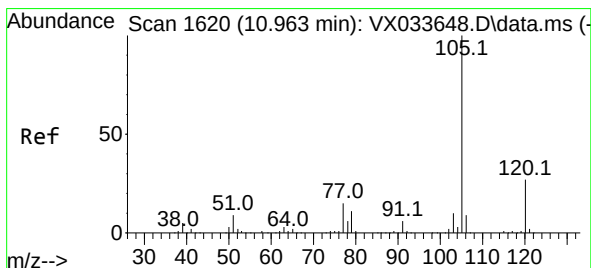
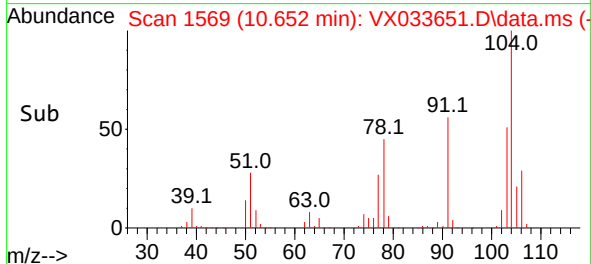
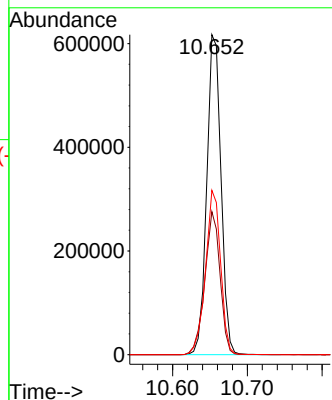
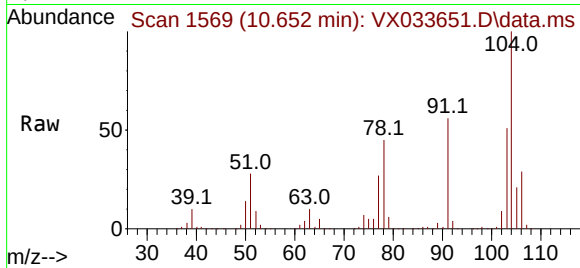
#69
Styrene
Concen: 148.569 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:104 Resp: 81682
Ion Ratio Lower Upper
104 100
78 47.7 39.3 58.9
103 54.5 43.2 64.8

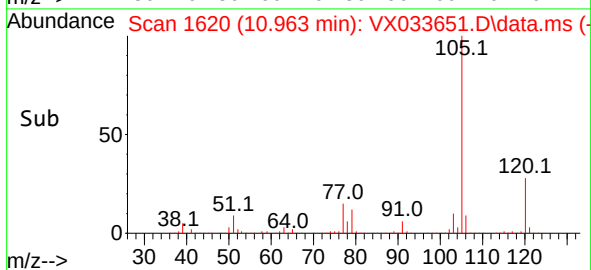
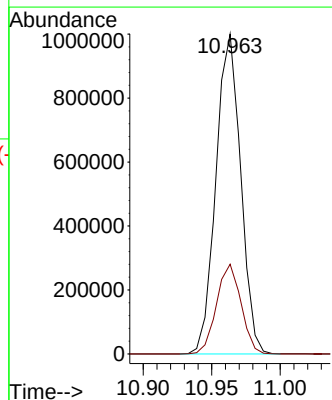
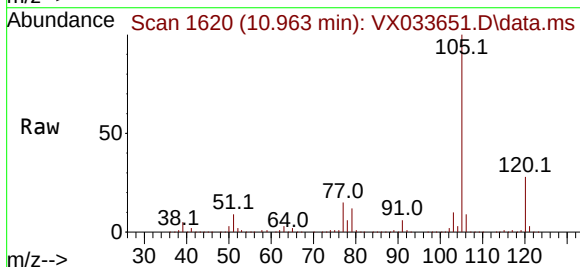
Manual Integrations
APPROVED

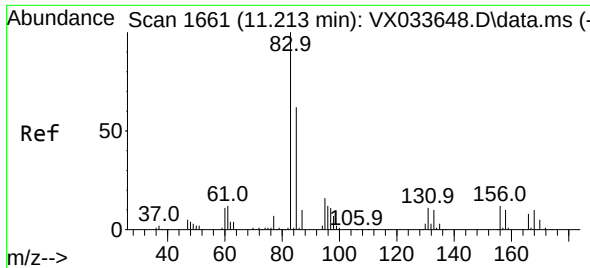
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#70
Isopropylbenzene
Concen: 143.527 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

Tgt Ion:105 Resp: 1255314
Ion Ratio Lower Upper
105 100
120 27.7 18.7 34.7





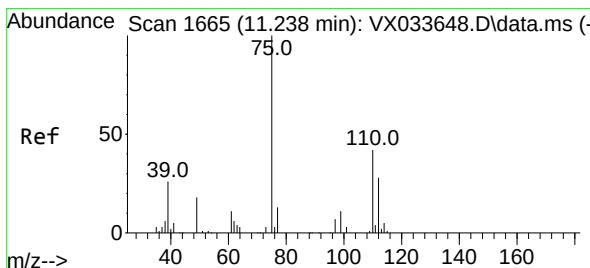
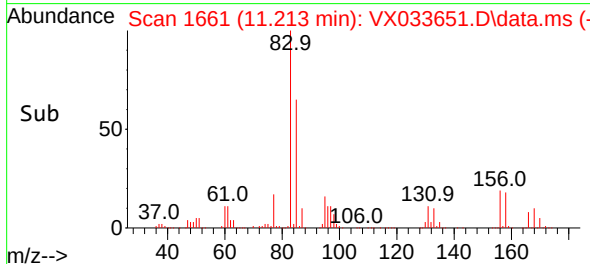
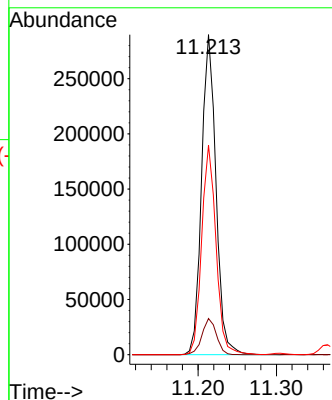
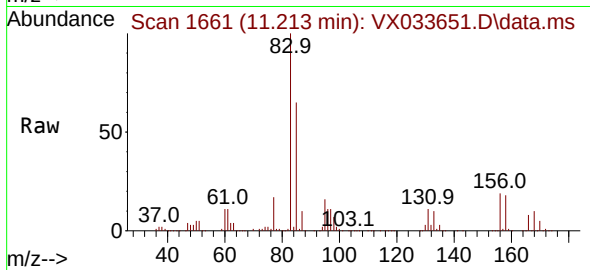
#71
1,1,2,2-Tetrachloroethane
Concen: 142.203 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 370004
Ion Ratio Lower Upper
83 100
131 11.4 5.4 16.2
85 65.2 32.4 97.0

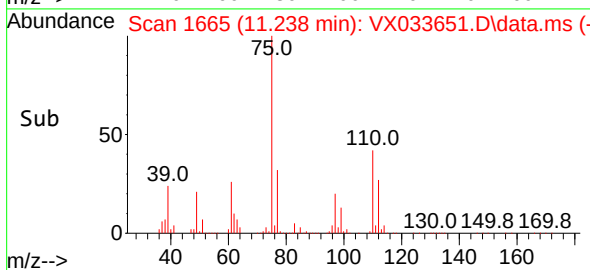
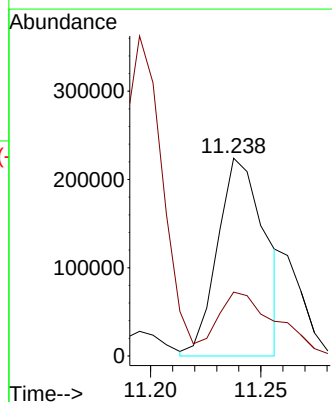
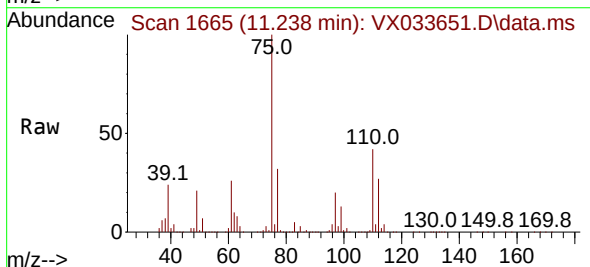
Manual Integrations
APPROVED

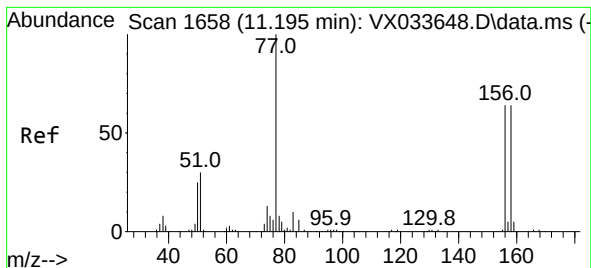
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#72
1,2,3-Trichloropropane
Concen: 144.679 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

Tgt Ion: 75 Resp: 334048
Ion Ratio Lower Upper
75 100
77 40.2 0.0 74.6





#73

Bromobenzene

Concen: 154.828 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX033651.D

Acq: 07 Jan 2023 00:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:156 Resp: 339770

Ion Ratio Lower Upper

156 100

77 137.8 0.0 287.2

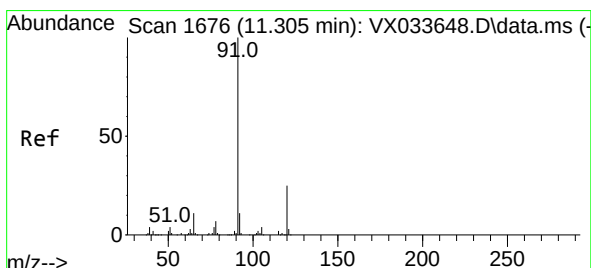
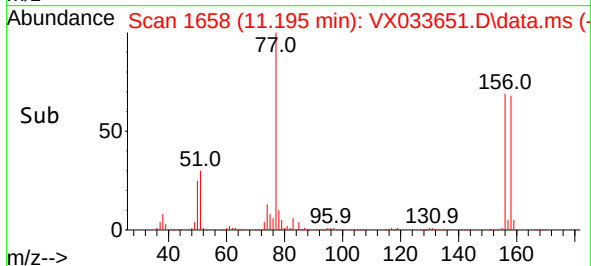
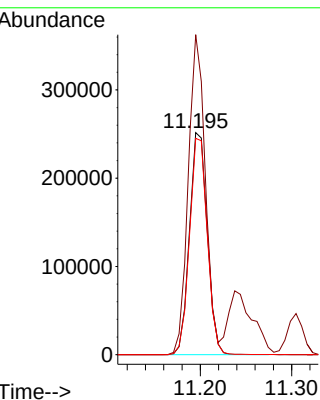
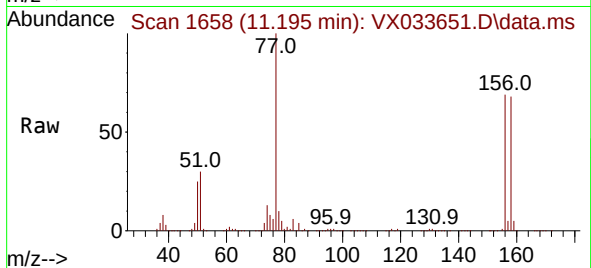
158 97.3 0.0 196.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2023

Supervised By :Mahesh Dadoda 01/09/2023



#74

n-propylbenzene

Concen: 144.558 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX033651.D

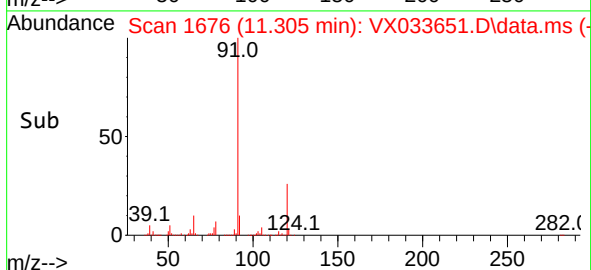
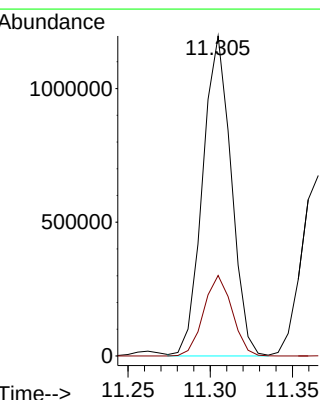
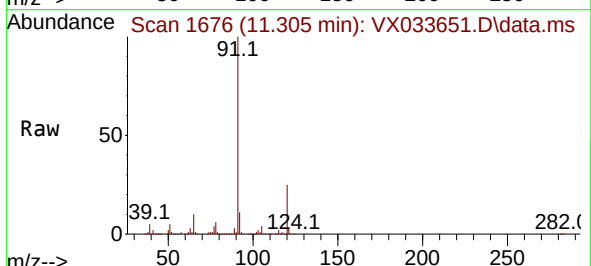
Acq: 07 Jan 2023 00:36

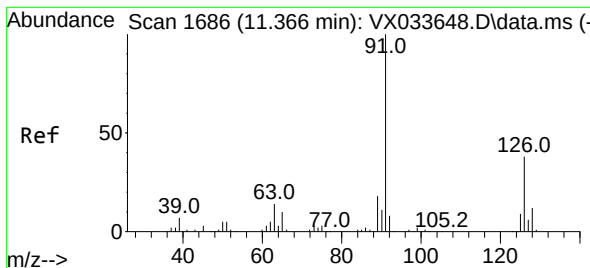
Tgt Ion: 91 Resp: 1446532

Ion Ratio Lower Upper

91 100

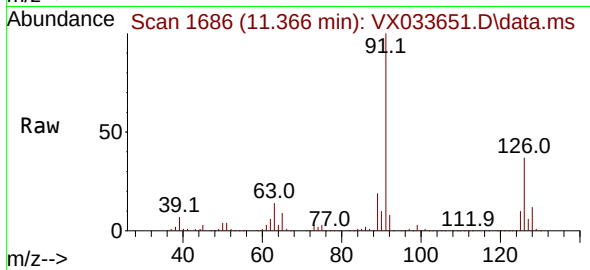
120 24.8 0.0 48.8





#75
2-Chlorotoluene
Concen: 140.897 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

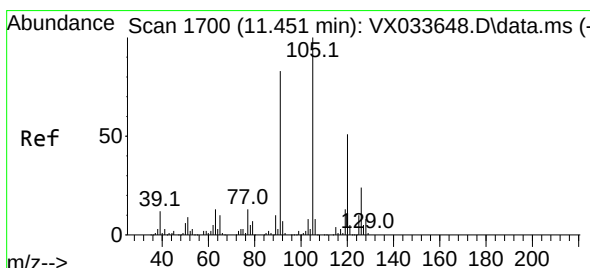
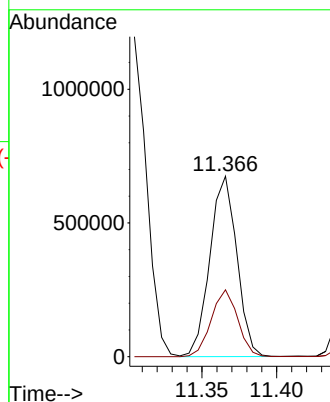
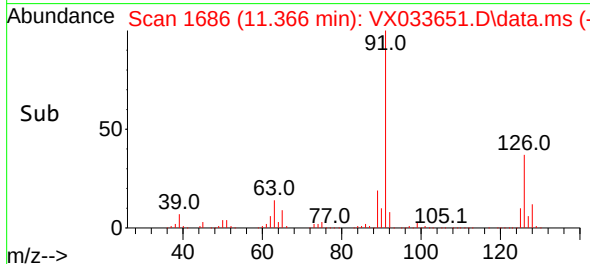
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



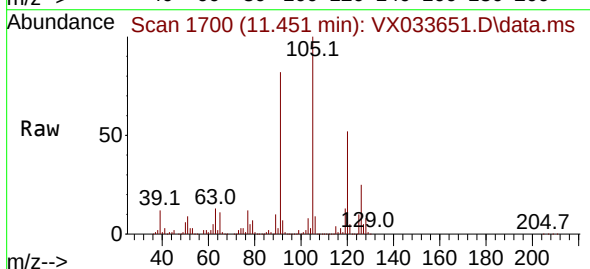
Tgt Ion: 91 Resp: 846450
Ion Ratio Lower Upper
91 100
126 36.3 0.0 72.0

Manual Integrations
APPROVED

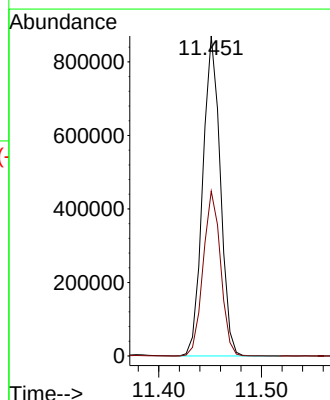
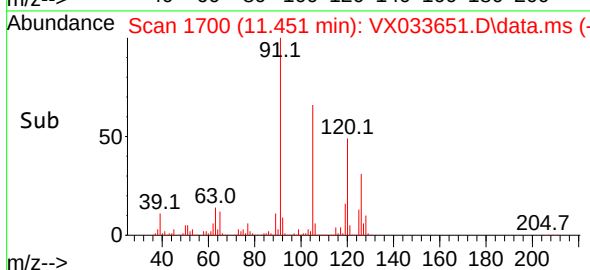
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023

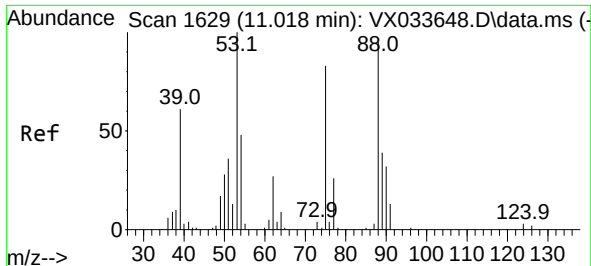


#76
1,3,5-Trimethylbenzene
Concen: 140.957 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36



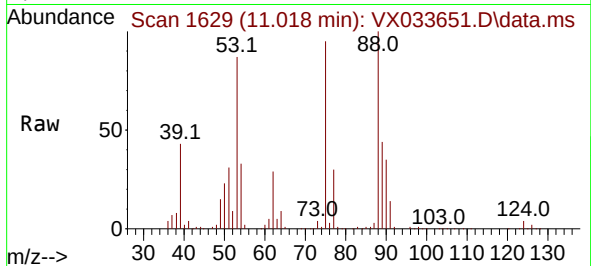
Tgt Ion:105 Resp: 1033891
Ion Ratio Lower Upper
105 100
120 51.3 0.0 100.4





#77
t-1,4-Dichloro-2-butene
Concen: 162.430 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

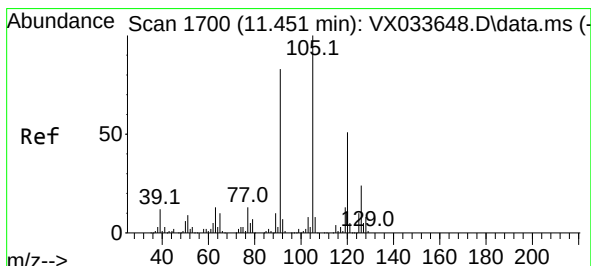
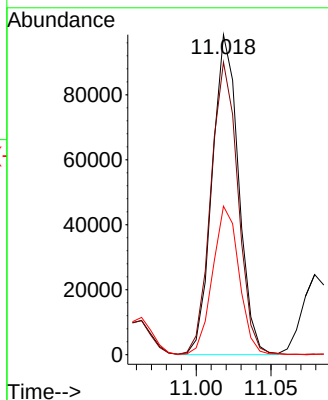
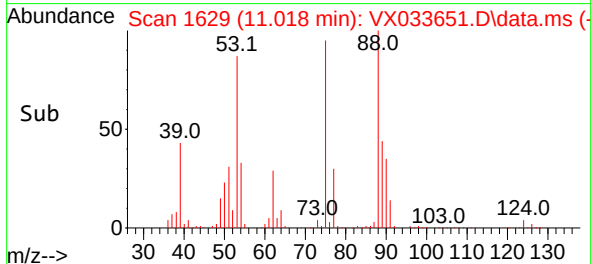
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



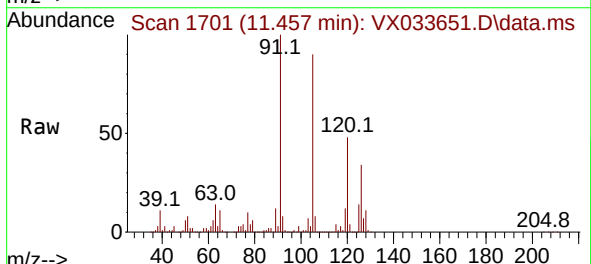
Tgt Ion: 75 Resp: 12091
Ion Ratio Lower Upper
75 100
53 91.4 60.2 180.6
89 46.4 23.2 69.6

Manual Integrations
APPROVED

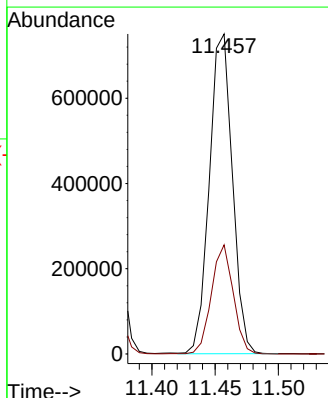
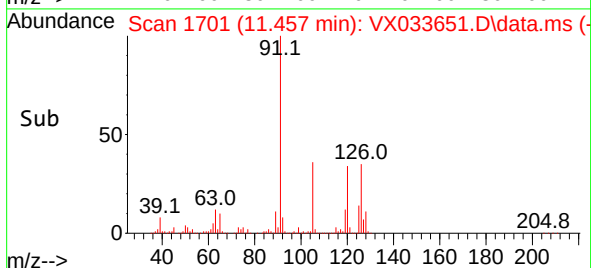
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023

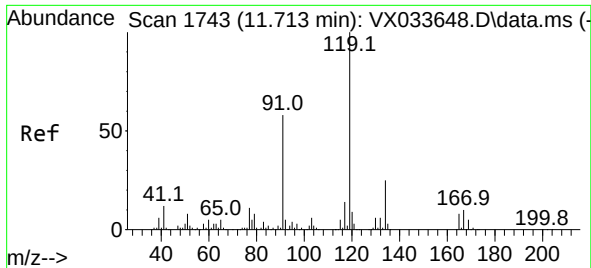


#78
4-Chlorotoluene
Concen: 139.005 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36



Tgt Ion: 91 Resp: 951033
Ion Ratio Lower Upper
91 100
126 32.2 0.0 63.6





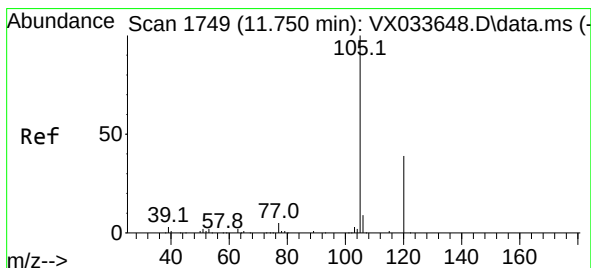
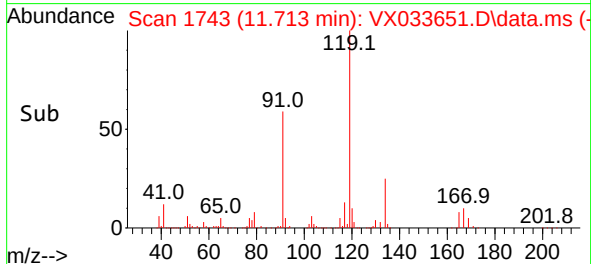
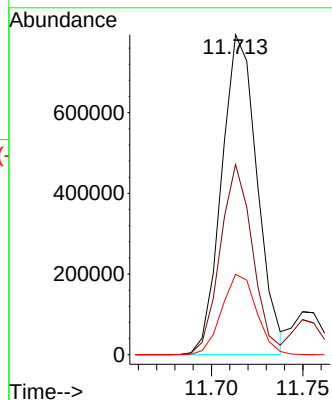
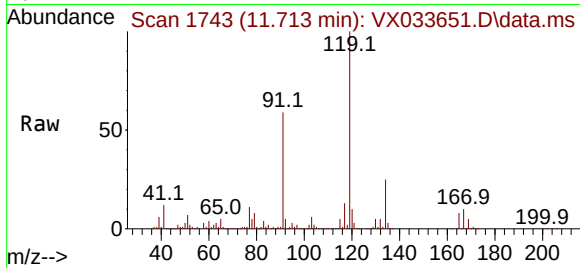
#79
tert-butylbenzene
Concen: 146.497 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:119 Resp: 1071674
Ion Ratio Lower Upper
119 100
91 54.3 0.0 111.0
134 24.5 0.0 49.2

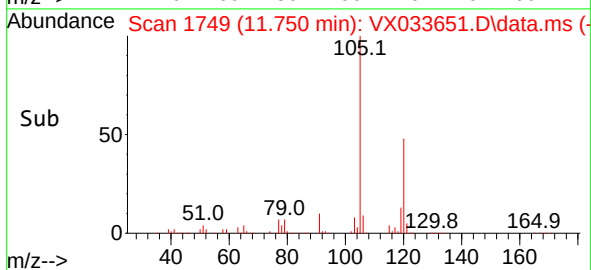
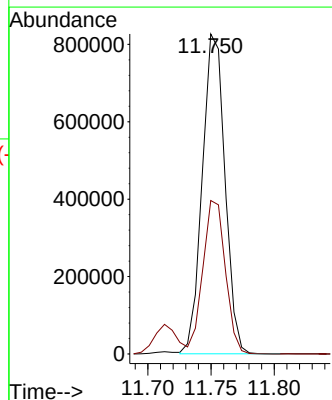
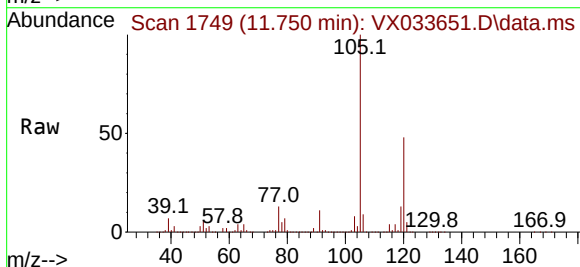
Manual Integrations
APPROVED

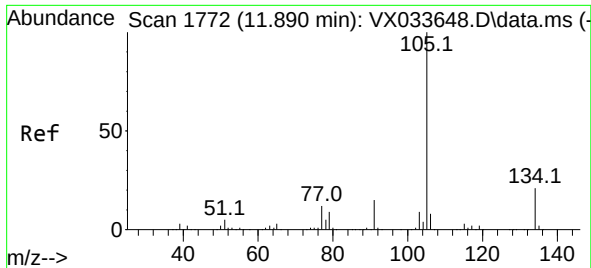
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#80
1,2,4-Trimethylbenzene
Concen: 143.285 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

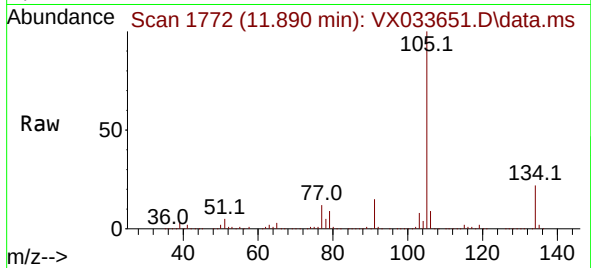
Tgt Ion:105 Resp: 1032655
Ion Ratio Lower Upper
105 100
120 47.5 0.0 91.2





#81
sec-Butylbenzene
Concen: 150.357 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

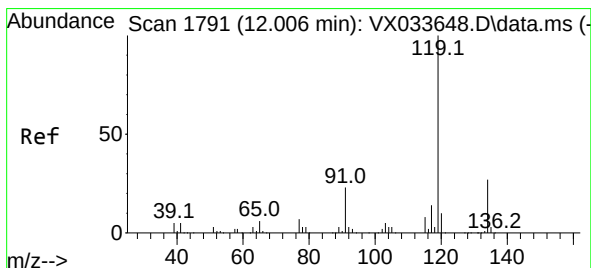
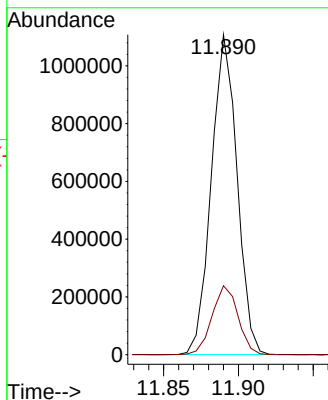
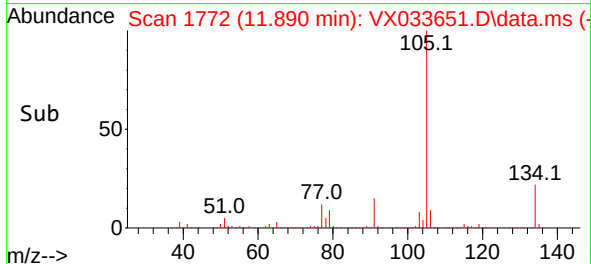
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



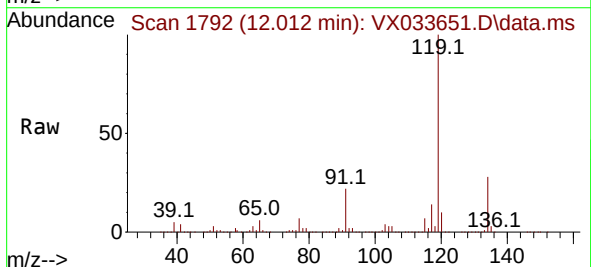
Tgt Ion:105 Resp: 1322938
Ion Ratio Lower Upper
105 100
134 21.8 0.0 43.2

Manual Integrations
APPROVED

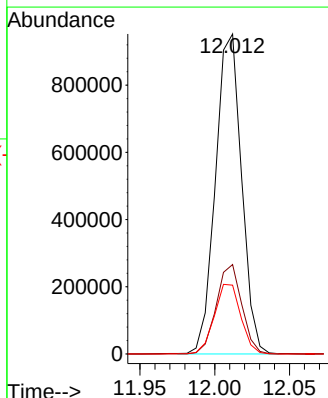
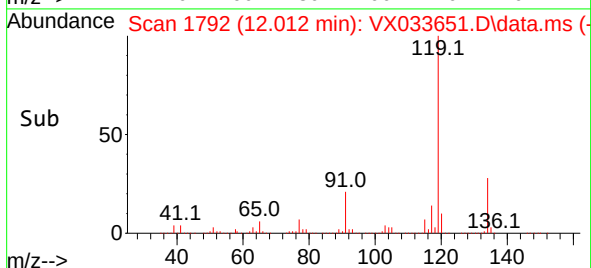
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023

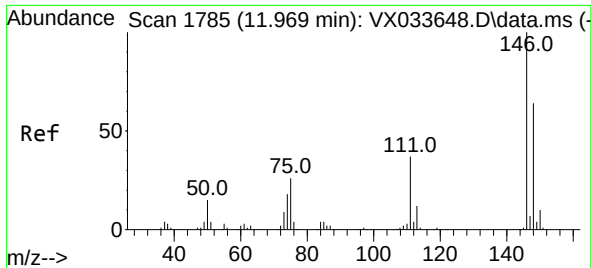


#82
p-Isopropyltoluene
Concen: 153.689 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36



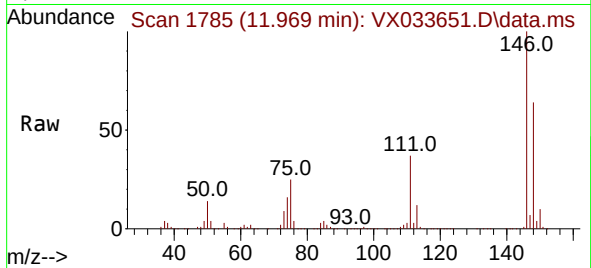
Tgt Ion:119 Resp: 1156333
Ion Ratio Lower Upper
119 100
134 27.2 0.0 54.4
91 22.0 0.0 45.2





#83
 1,3-Dichlorobenzene
 Concen: 155.528 ug/l
 RT: 11.969 min Scan# 1785
 Delta R.T. -0.000 min
 Lab File: VX033651.D
 Acq: 07 Jan 2023 00:36

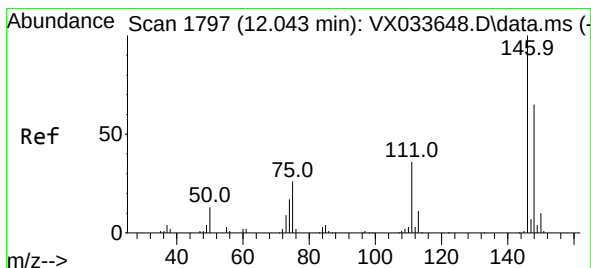
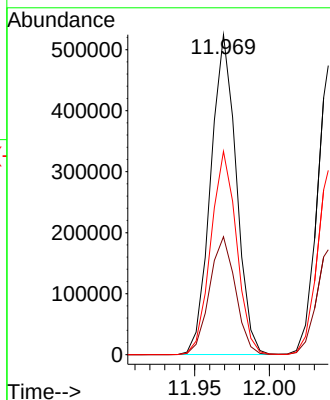
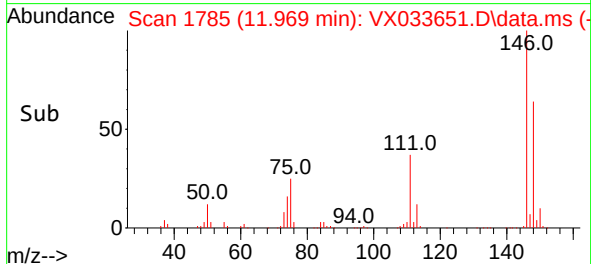
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150



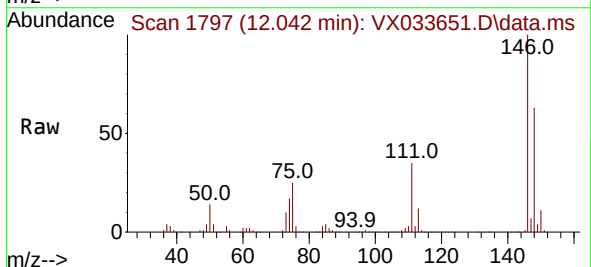
Tgt Ion:146 Resp: 624059
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.8 56.3
 148 63.8 31.7 95.1

Manual Integrations
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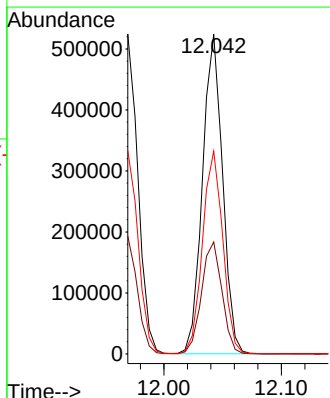
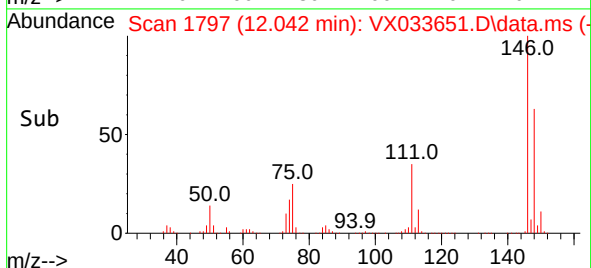
Reviewed By :John Carlone 01/09/2023
 Supervised By :Mahesh Dadoda 01/09/2023

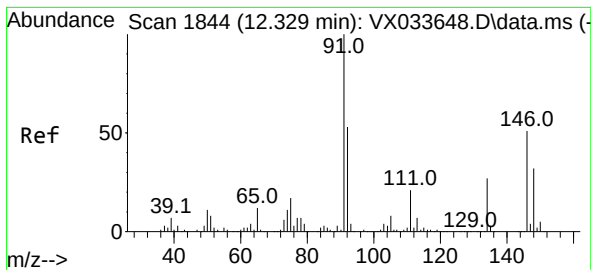


#84
 1,4-Dichlorobenzene
 Concen: 153.816 ug/l
 RT: 12.042 min Scan# 1797
 Delta R.T. -0.000 min
 Lab File: VX033651.D
 Acq: 07 Jan 2023 00:36



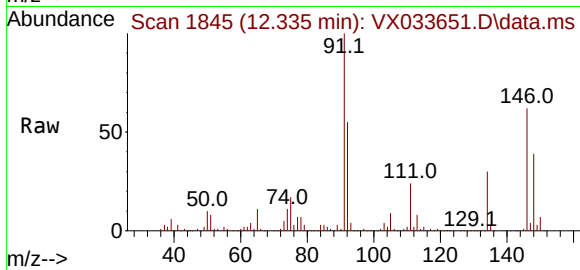
Tgt Ion:146 Resp: 621740
 Ion Ratio Lower Upper
 146 100
 111 35.7 18.3 54.9
 148 64.2 31.9 95.7





#85
n-Butylbenzene
Concen: 154.130 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

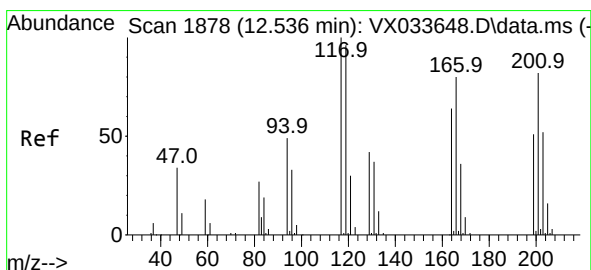
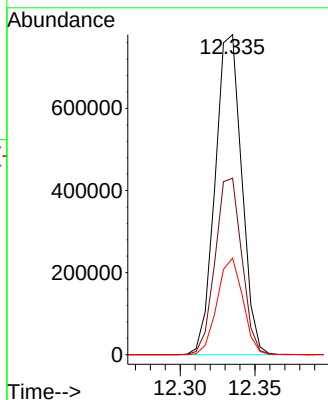
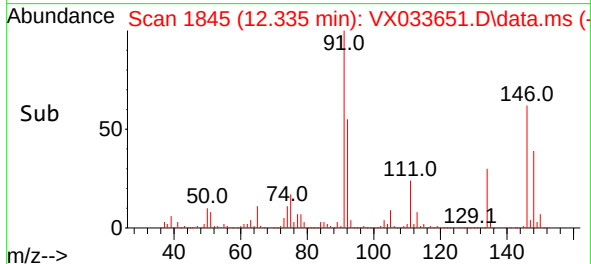
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 91 Resp: 96472
Ion Ratio Lower Upper
91 100
92 55.2 0.0 108.2
134 29.1 0.0 55.4

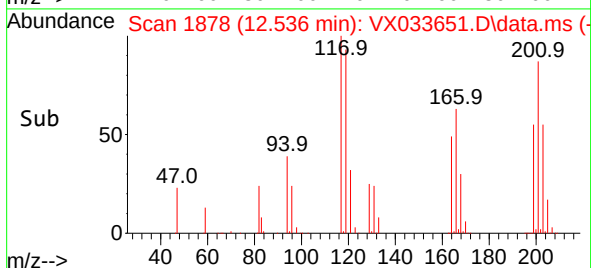
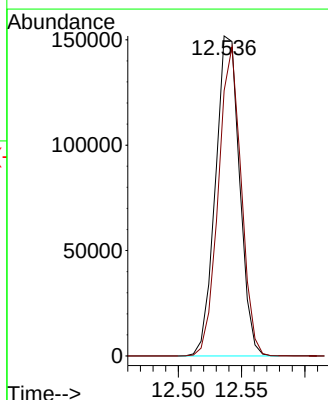
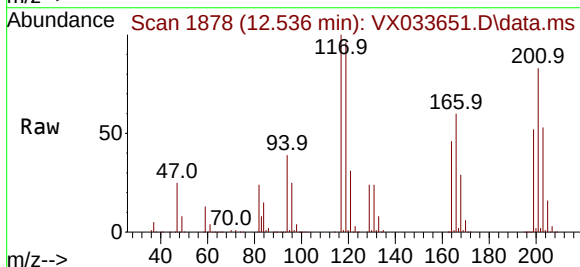
Manual Integrations
APPROVED

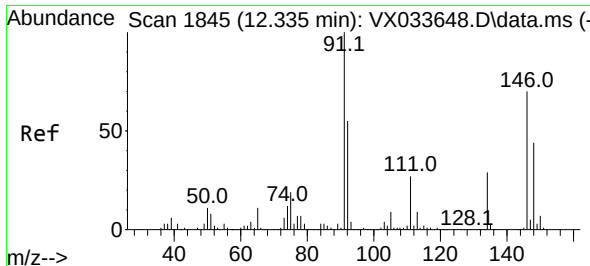
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#86
Hexachloroethane
Concen: 154.446 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

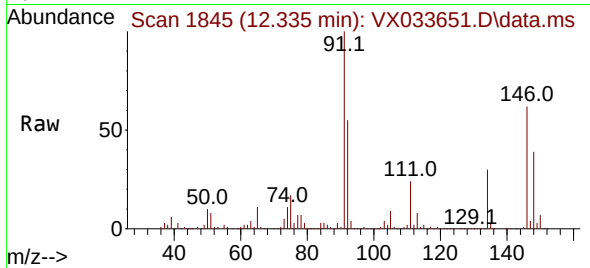
Tgt Ion:117 Resp: 201129
Ion Ratio Lower Upper
117 100
201 91.1 45.0 135.0





#87
1,2-Dichlorobenzene
Concen: 150.544 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

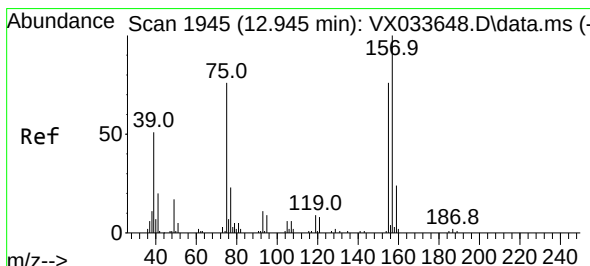
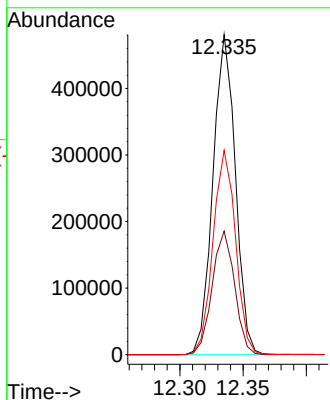
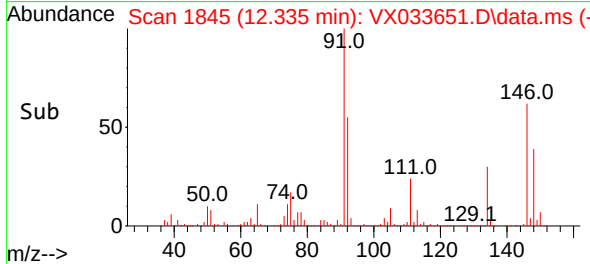
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:146 Resp: 591968
Ion Ratio Lower Upper
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111 38.7 19.7 59.0
148 64.2 31.9 95.9

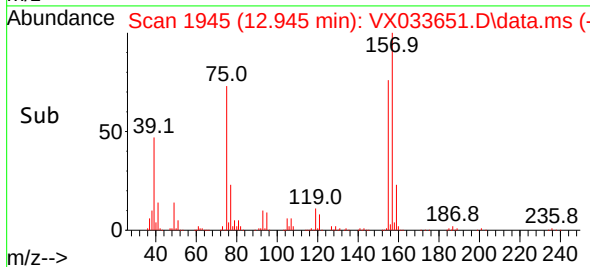
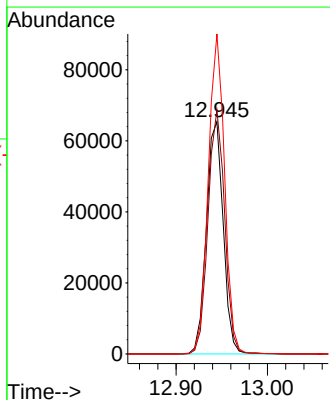
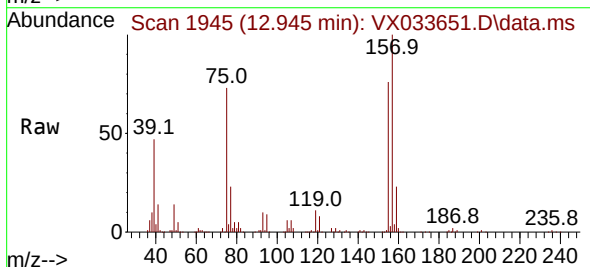
Manual Integrations
APPROVED

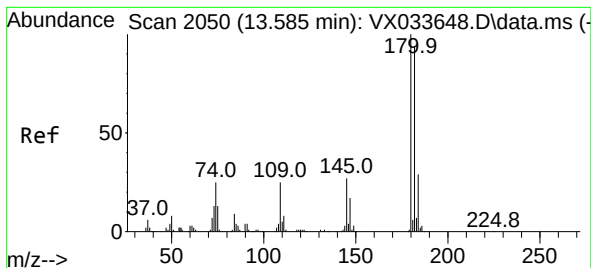
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 150.811 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

Tgt Ion: 75 Resp: 83908
Ion Ratio Lower Upper
75 100
155 103.7 77.6 116.4
157 133.2 98.0 147.0





#89

1,2,4-Trichlorobenzene

Concen: 173.743 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX033651.D

Acq: 07 Jan 2023 00:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

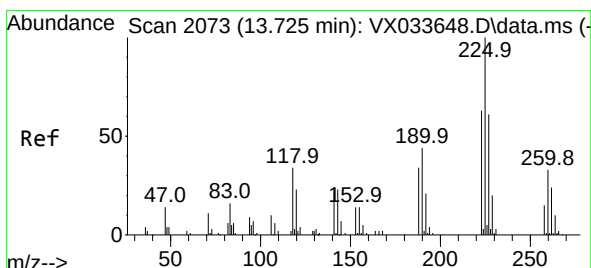
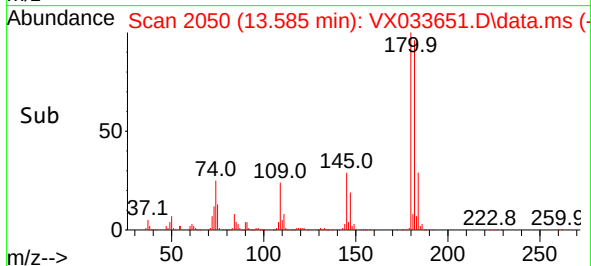
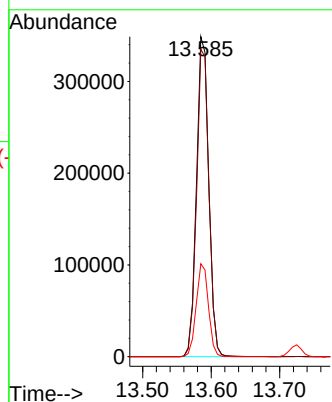
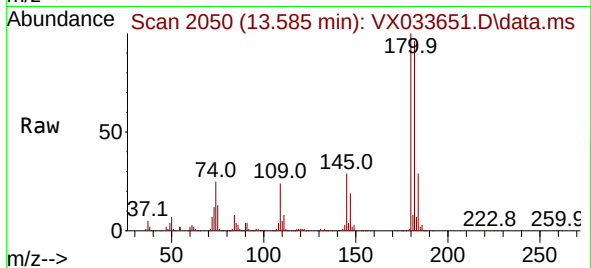
Tgt Ion:	180	Resp:	435670
Ion Ratio	Lower	Upper	
180	100		
182	96.4	76.7	115.1
145	28.9	21.8	32.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2023

Supervised By :Mahesh Dadoda 01/09/2023



#90

Hexachlorobutadiene

Concen: 189.346 ug/l

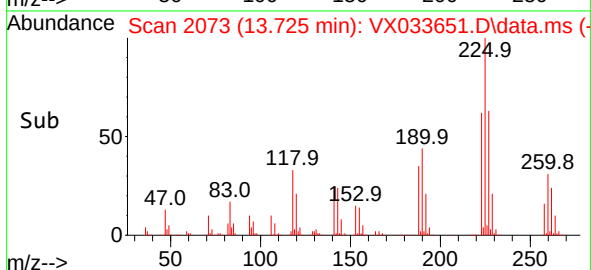
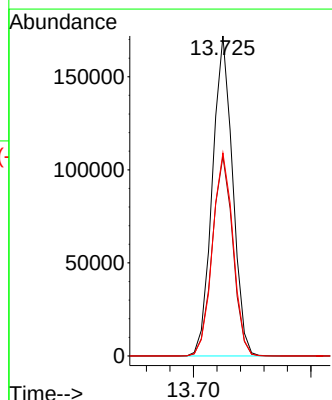
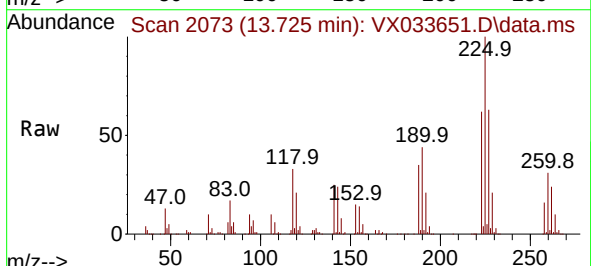
RT: 13.725 min Scan# 2073

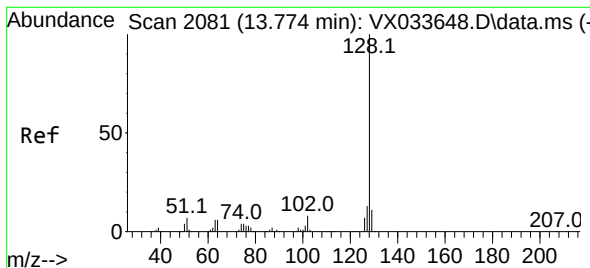
Delta R.T. -0.000 min

Lab File: VX033651.D

Acq: 07 Jan 2023 00:36

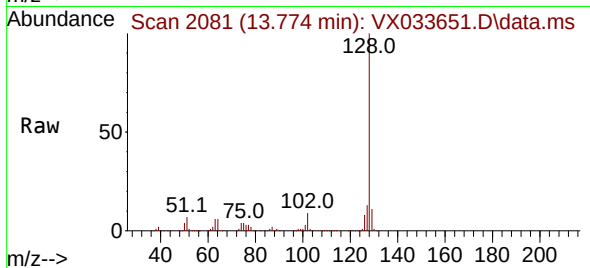
Tgt Ion:	225	Resp:	205288
Ion Ratio	Lower	Upper	
225	100		
223	63.0	0.0	127.0
227	64.4	0.0	123.0





#91
Naphthalene
Concen: 156.840 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36

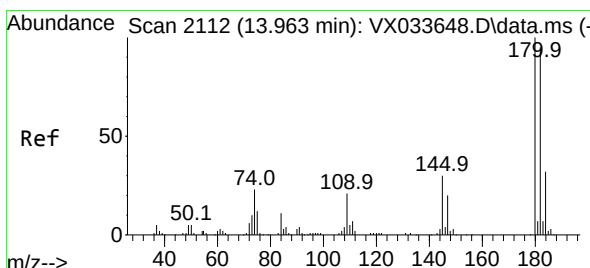
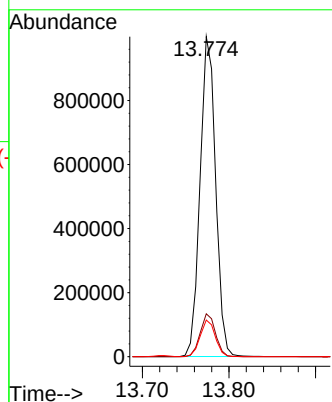
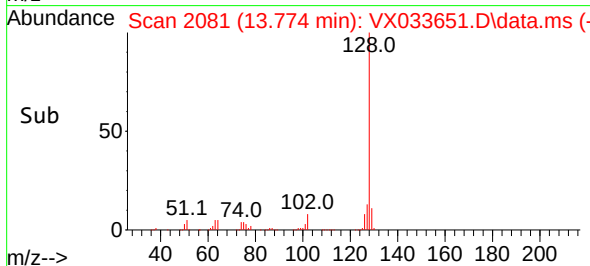
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



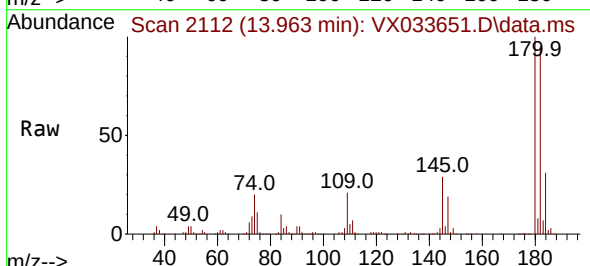
Tgt Ion:128 Resp: 1247414
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 11.2 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#92
1,2,3-Trichlorobenzene
Concen: 173.191 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX033651.D
Acq: 07 Jan 2023 00:36



Tgt Ion:180 Resp: 433420
Ion Ratio Lower Upper
180 100
182 95.4 0.0 191.2
145 29.9 0.0 60.4

