

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071323\
 Data File : VY014622.D
 Acq On : 13 Jul 2023 09:57
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Quant Time: Jul 14 01:59:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 01:52:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	349233	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	571391	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	502692	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	248480	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	81092	20.377	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	40.760%#		
35) Dibromofluoromethane	7.716	113	75173	20.667	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	41.340%#		
50) Toluene-d8	10.179	98	280801	20.940	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	41.880%#		
62) 4-Bromofluorobenzene	12.477	95	107198	20.848	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	41.700%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	71107	24.991	ug/l	99
3) Chloromethane	2.107	50	74013	23.141	ug/l	99
4) Vinyl Chloride	2.247	62	80714	22.581	ug/l	97
5) Bromomethane	2.625	94	48771	20.646	ug/l	95
6) Chloroethane	2.778	64	48669	21.798	ug/l	96
7) Trichlorofluoromethane	3.113	101	130422	21.725	ug/l	100
8) Diethyl Ether	3.521	74	46317	20.736	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.893	101	79086	21.493	ug/l	95
10) Methyl Iodide	4.082	142	65257	18.306	ug/l	96
11) Tert butyl alcohol	4.942	59	122445	139.135	ug/l #	94
12) 1,1-Dichloroethene	3.863	96	74300	21.605	ug/l	94
13) Acrolein	3.722	56	41497	99.764	ug/l	99
14) Allyl chloride	4.472	41	128535	21.050	ug/l	95
15) Acrylonitrile	5.155	53	127246	103.307	ug/l	99
16) Acetone	3.942	43	124538	98.753	ug/l	95
17) Carbon Disulfide	4.186	76	219918	22.336	ug/l	98
18) Methyl Acetate	4.472	43	100948	20.859	ug/l	93
19) Methyl tert-butyl Ether	5.210	73	228726	20.474	ug/l	99
20) Methylene Chloride	4.704	84	92949	20.169	ug/l	94
21) trans-1,2-Dichloroethene	5.210	96	82997	21.266	ug/l	98
22) Diisopropyl ether	6.118	45	254841	20.528	ug/l	91
23) Vinyl Acetate	6.051	43	759201	102.191	ug/l	96
24) 1,1-Dichloroethane	6.009	63	147752	20.800	ug/l	98
25) 2-Butanone	6.978	43	188075	101.939	ug/l	95
26) 2,2-Dichloropropane	6.972	77	141361	20.881	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	94349	20.769	ug/l	98
28) Bromochloromethane	7.332	49	67305	22.000	ug/l	96
29) Tetrahydrofuran	7.344	42	117419	103.357	ug/l	94
30) Chloroform	7.502	83	149797	20.450	ug/l	98
31) Cyclohexane	7.777	56	142043	21.501	ug/l	94
32) 1,1,1-Trichloroethane	7.697	97	136324	20.678	ug/l	99
36) 1,1-Dichloropropene	7.917	75	117540	21.608	ug/l	99
37) Ethyl Acetate	7.069	43	77188	20.610	ug/l #	95
38) Carbon Tetrachloride	7.892	117	121595	21.147	ug/l	97
39) Methylcyclohexane	9.179	83	155205	21.901	ug/l	97
40) Benzene	8.155	78	330956	21.393	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	107673	54.367	ug/l #	28
42) 1,2-Dichloroethane	8.234	62	100600	20.535	ug/l	93
43) Isopropyl Acetate	8.270	43	148162	20.768	ug/l	96
44) Trichloroethene	8.935	130	91840	21.218	ug/l	98
45) 1,2-Dichloropropane	9.215	63	85156	21.080	ug/l	98
46) Dibromomethane	9.301	93	50962	20.795	ug/l	95
47) Bromodichloromethane	9.496	83	118309	20.483	ug/l	98
48) Methyl methacrylate	9.289	41	68569	21.360	ug/l	93
49) 1,4-Dioxane	9.295	88	17058	426.876	ug/l #	43
51) 4-Methyl-2-Pentanone	10.069	43	390047	104.132	ug/l	94
52) Toluene	10.240	92	209800	21.193	ug/l	93
53) t-1,3-Dichloropropene	10.465	75	130785	20.701	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	143012	20.815	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	70967	20.789	ug/l	97
56) Ethyl methacrylate	10.508	69	107686	20.661	ug/l	94
57) 1,3-Dichloropropane	10.788	76	122180	20.751	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	262058	107.907	ug/l	95
59) 2-Hexanone	10.831	43	286444	104.864	ug/l	92
60) Dibromochloromethane	10.983	129	86127	20.578	ug/l	99
61) 1,2-Dibromoethane	11.087	107	70904	20.821	ug/l	99
64) Tetrachloroethene	10.715	164	87401	21.618	ug/l	98
65) Chlorobenzene	11.514	112	222729	20.792	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	84467	20.913	ug/l	99
67) Ethyl Benzene	11.593	91	405580	20.970	ug/l	98
68) m/p-Xylenes	11.697	106	311690	42.218	ug/l	97
69) o-Xylene	12.026	106	151740	21.101	ug/l	99
70) Styrene	12.044	104	254598	21.006	ug/l	98
71) Bromoform	12.209	173	56813	20.752	ug/l #	98
73) Isopropylbenzene	12.331	105	404975	20.815	ug/l	100
74) N-amyl acetate	12.142	43	133172	20.437	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	88914	20.040	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	117792	37.043	ug/l #	100
77) Bromobenzene	12.605	156	91184	20.531	ug/l	93
78) n-propylbenzene	12.666	91	488521	20.837	ug/l	100
79) 2-Chlorotoluene	12.757	91	275664	20.414	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	335943	20.675	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	33247	20.512	ug/l	90
82) 4-Chlorotoluene	12.855	91	286924	20.631	ug/l	99
83) tert-Butylbenzene	13.074	119	297424	20.635	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	332296	20.839	ug/l	99
85) sec-Butylbenzene	13.251	105	442879	20.946	ug/l	100
86) p-Isopropyltoluene	13.367	119	360921	20.907	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	179367	20.751	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	177162	20.454	ug/l	98
89) n-Butylbenzene	13.696	91	353913	21.072	ug/l	96
90) Hexachloroethane	13.958	117	73758	20.801	ug/l	87
91) 1,2-Dichlorobenzene	13.739	146	161544	20.399	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	16939	19.963	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	103146	20.518	ug/l	98
94) Hexachlorobutadiene	15.111	225	58623	21.221	ug/l	97
95) Naphthalene	15.233	128	233720	19.956	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	90238	20.197	ug/l	98

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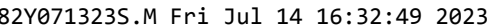
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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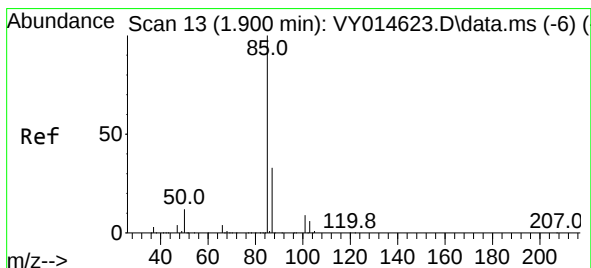
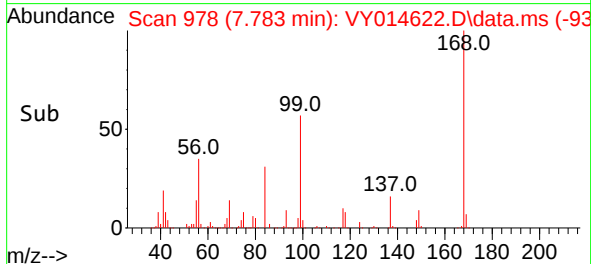
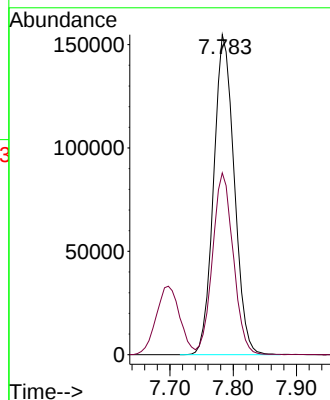
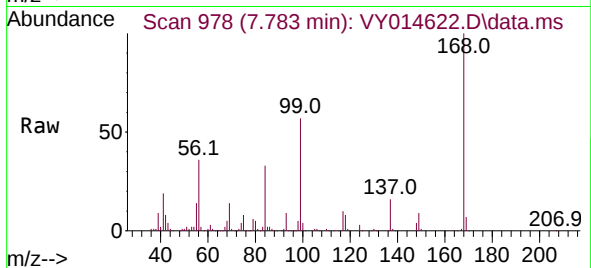




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
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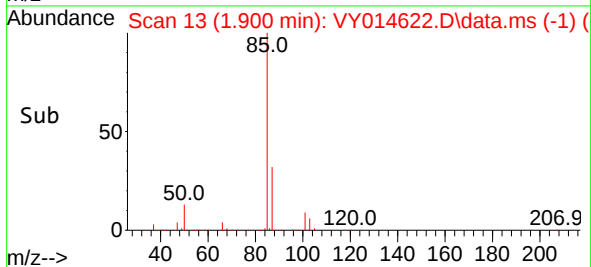
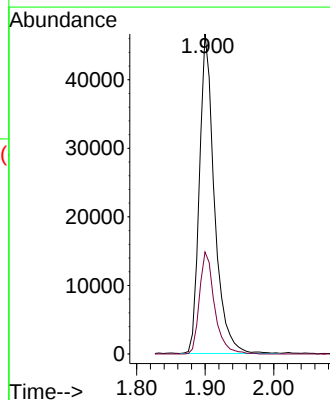
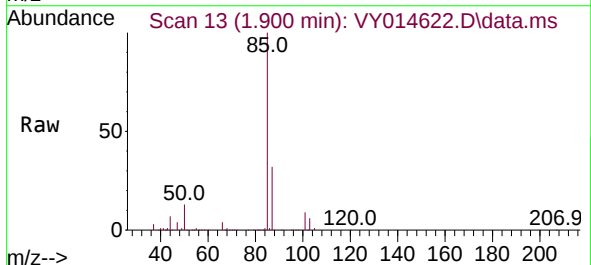
Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion:168 Resp: 349233
Ion Ratio Lower Upper
168 100
99 56.7 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 24.991 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY014622.D
Acq: 13 Jul 2023 09:57

Tgt Ion: 85 Resp: 71107
Ion Ratio Lower Upper
85 100
87 31.9 15.6 46.8

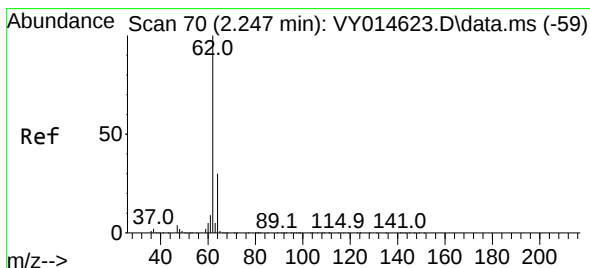
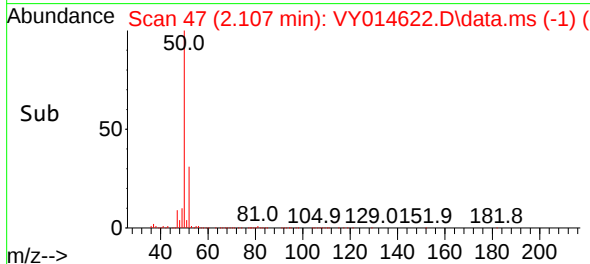
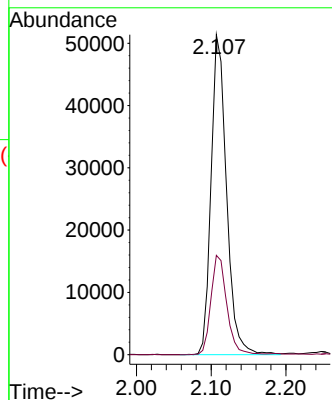
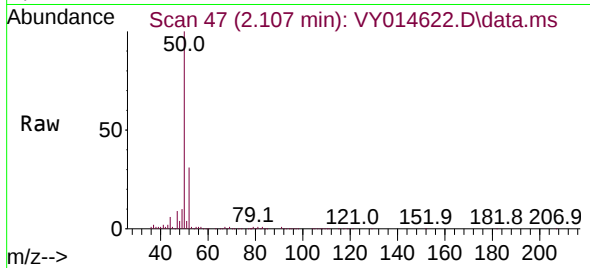




#3
Chloromethane
Concen: 23.141 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY014622.D
Acq: 13 Jul 2023 09:57

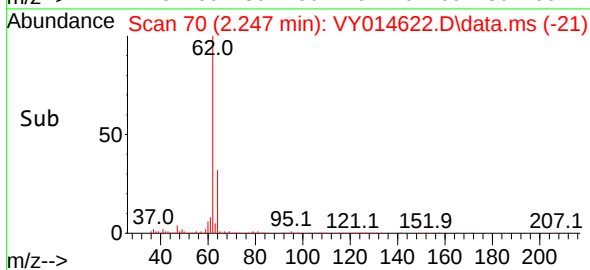
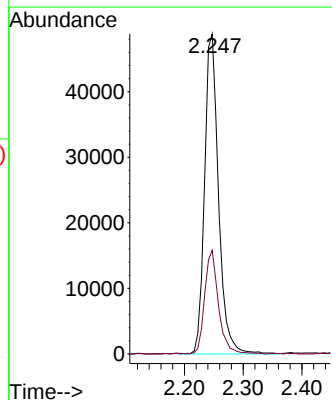
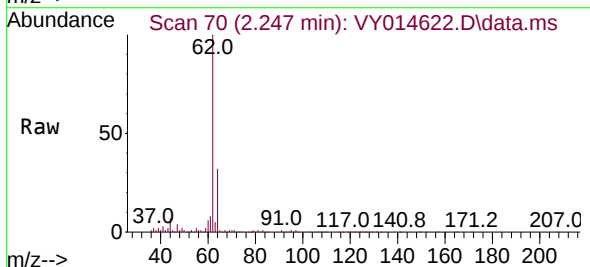
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ClientSampleId :
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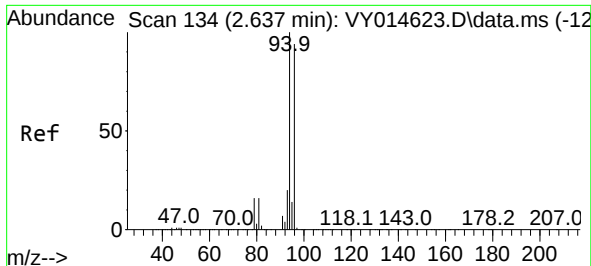
Tgt Ion: 50 Resp: 74013
Ion Ratio Lower Upper
50 100
52 31.1 25.4 38.2



#4
Vinyl Chloride
Concen: 22.581 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY014622.D
Acq: 13 Jul 2023 09:57

Tgt Ion: 62 Resp: 80714
Ion Ratio Lower Upper
62 100
64 32.3 24.3 36.5

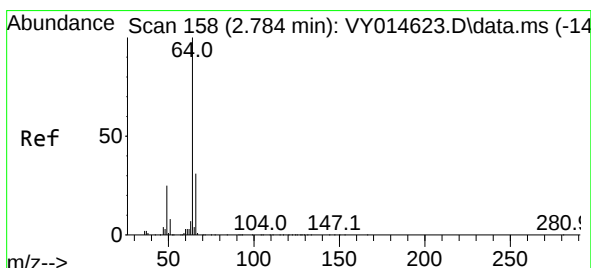
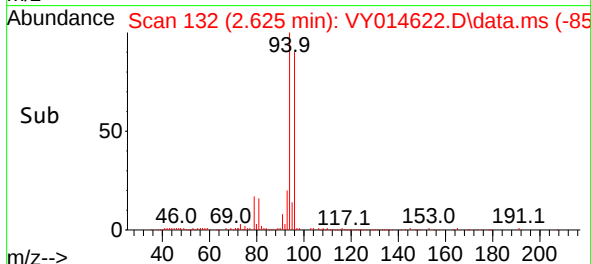
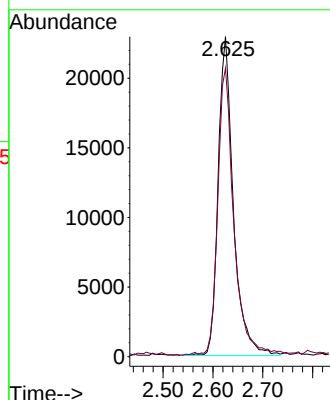
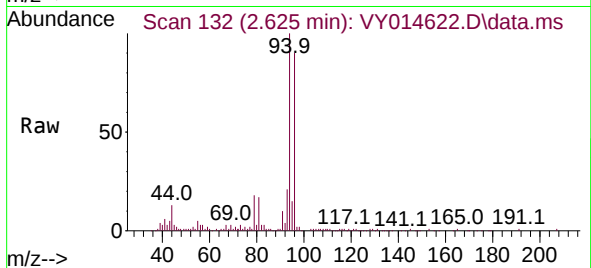




#5
Bromomethane
Concen: 20.646 ug/l
RT: 2.625 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY014622.D
Acq: 13 Jul 2023 09:57

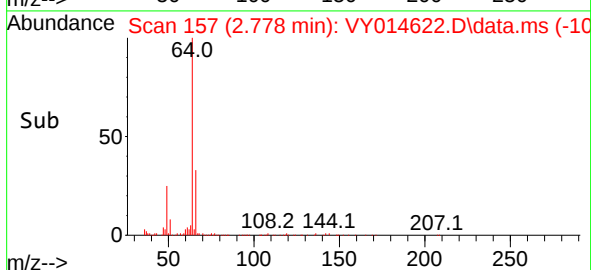
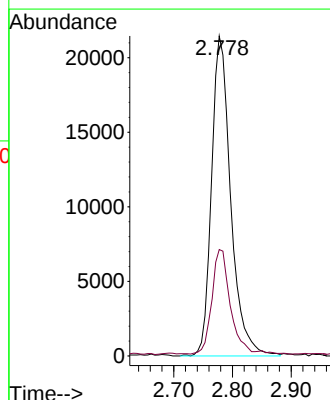
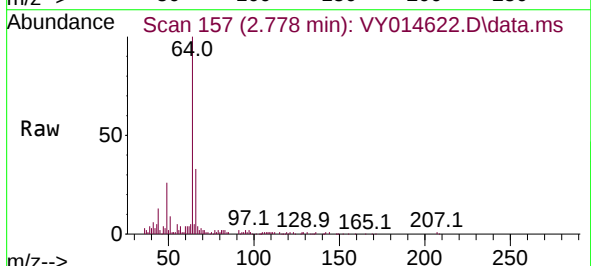
Instrument :
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Tgt Ion: 94 Resp: 48771
Ion Ratio Lower Upper
94 100
96 89.9 75.8 113.6



#6
Chloroethane
Concen: 21.798 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY014622.D
Acq: 13 Jul 2023 09:57

Tgt Ion: 64 Resp: 48669
Ion Ratio Lower Upper
64 100
66 32.6 24.4 36.6

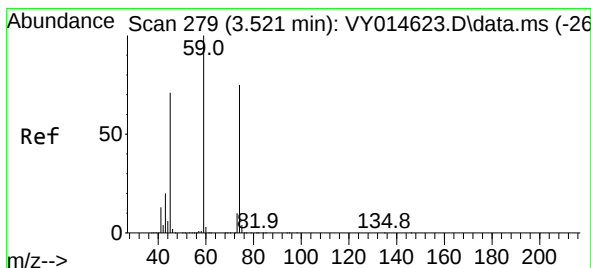
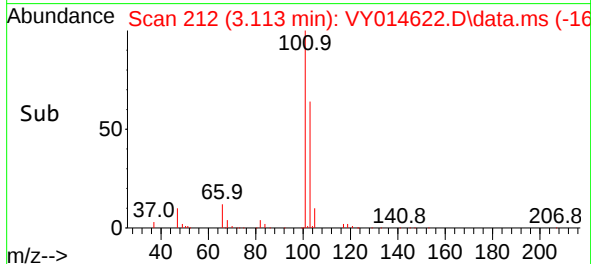
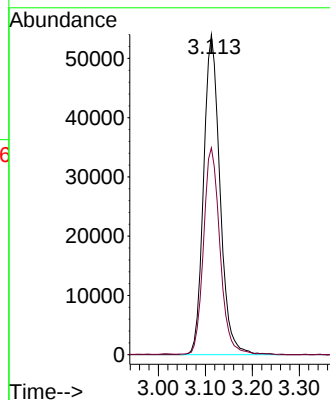
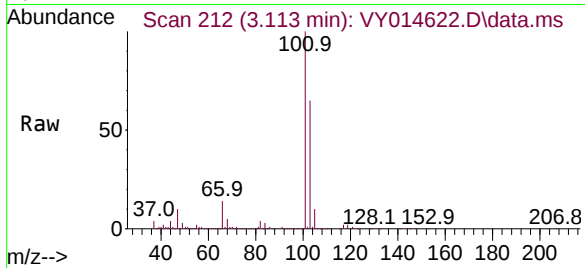




#7
 Trichlorofluoromethane
 Concen: 21.725 ug/l
 RT: 3.113 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VY014622.D
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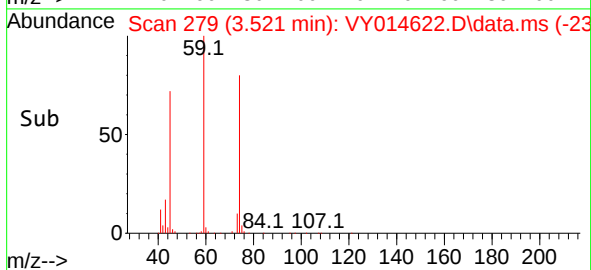
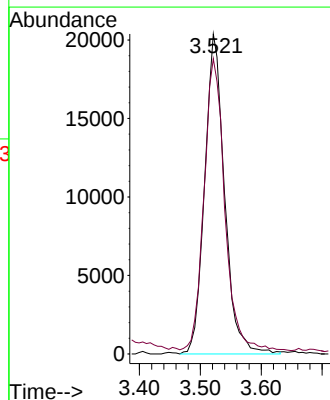
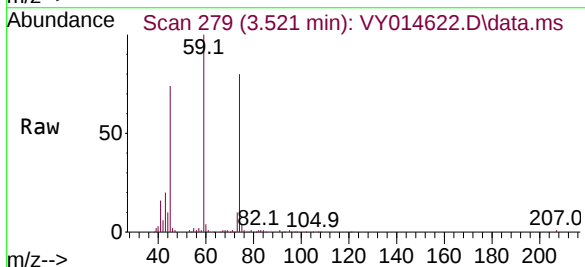
Instrument :
 MSVOA_Y
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 VSTDIC020

Tgt Ion:101 Resp: 130422
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.4 77.0



#8
 Diethyl Ether
 Concen: 20.736 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VY014622.D
 Acq: 13 Jul 2023 09:57

Tgt Ion: 74 Resp: 46317
 Ion Ratio Lower Upper
 74 100
 45 95.2 51.5 154.5

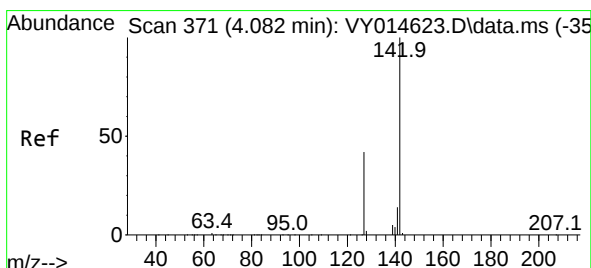
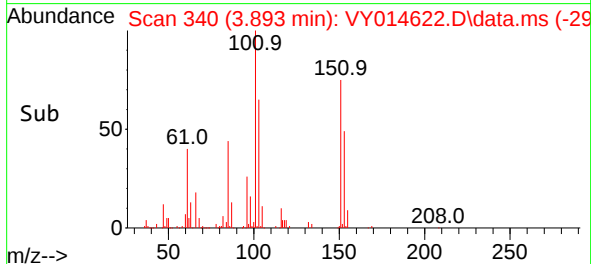
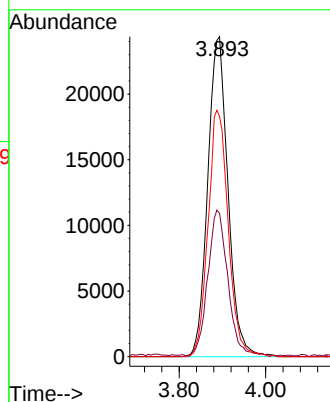
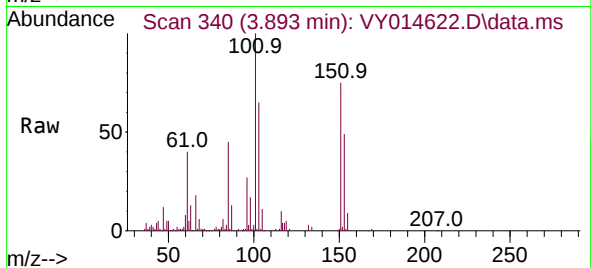




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.493 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY014622.D
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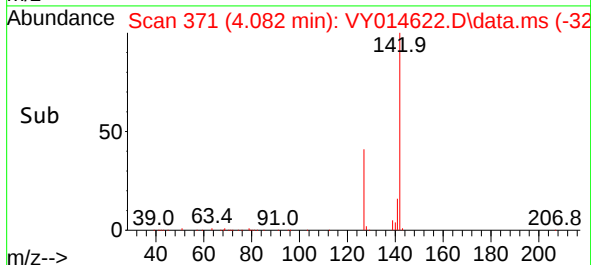
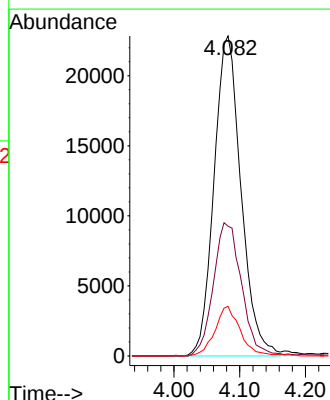
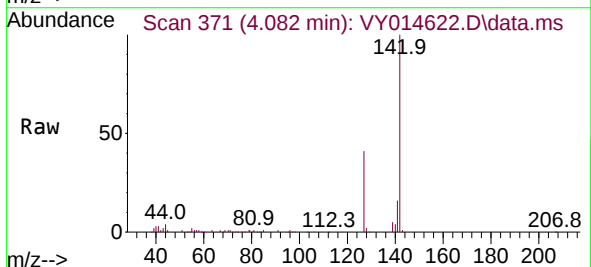
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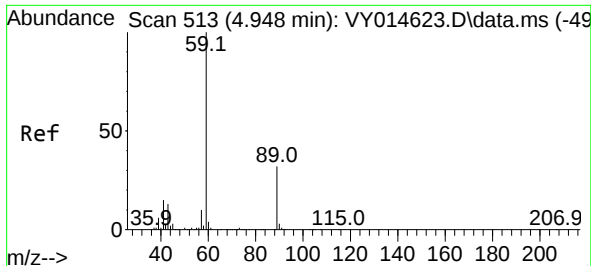
Tgt Ion:101 Resp: 79086
Ion Ratio Lower Upper
101 100
85 44.9 36.6 55.0
151 76.8 67.0 100.6



#10
Methyl Iodide
Concen: 18.306 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY014622.D
Acq: 13 Jul 2023 09:57

Tgt Ion:142 Resp: 65257
Ion Ratio Lower Upper
142 100
127 43.4 37.6 56.4
141 14.7 11.8 17.8

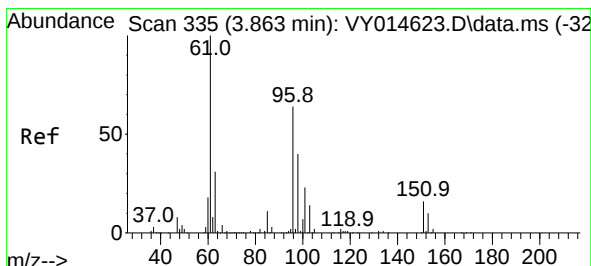
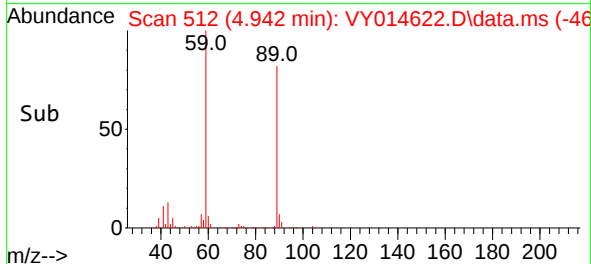
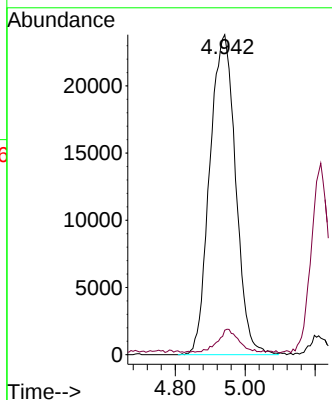
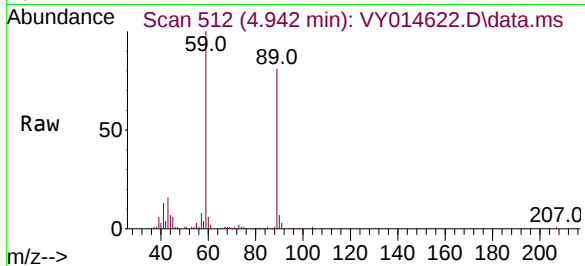




#11
Tert butyl alcohol
Concen: 139.135 ug/l
RT: 4.942 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY014622.D
Acq: 13 Jul 2023 09:57

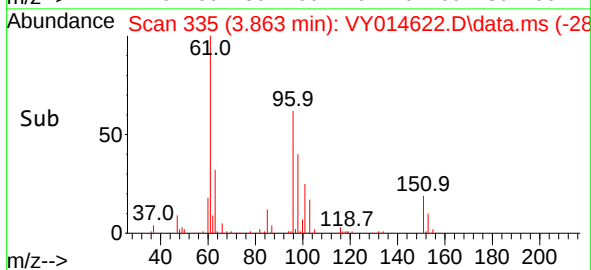
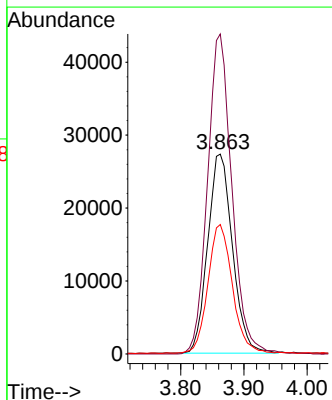
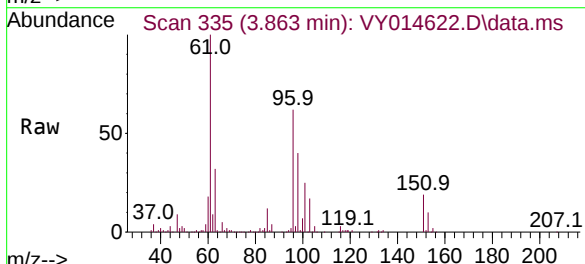
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

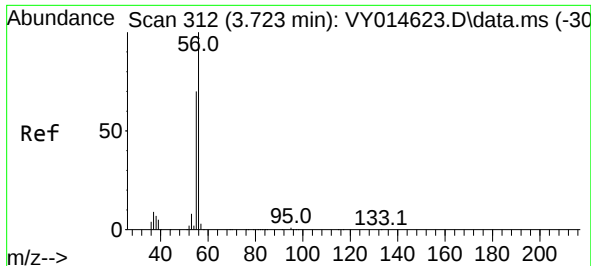
Tgt Ion: 59 Resp: 122445
Ion Ratio Lower Upper
59 100
57 5.6 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 21.605 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY014622.D
Acq: 13 Jul 2023 09:57

Tgt Ion: 96 Resp: 74300
Ion Ratio Lower Upper
96 100
61 160.8 136.4 204.6
98 64.5 49.4 74.2

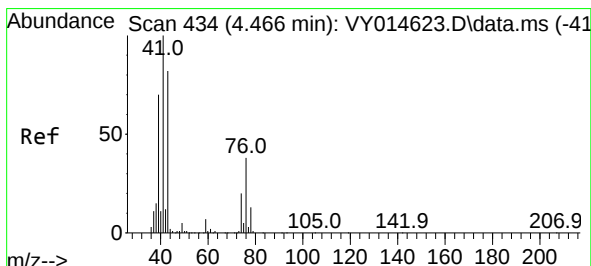
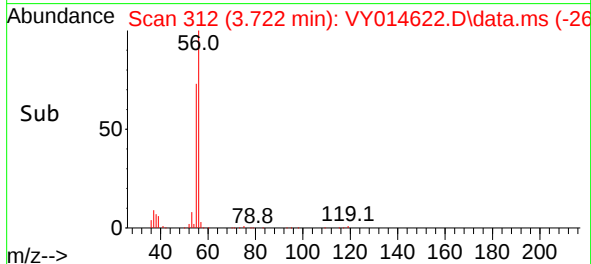
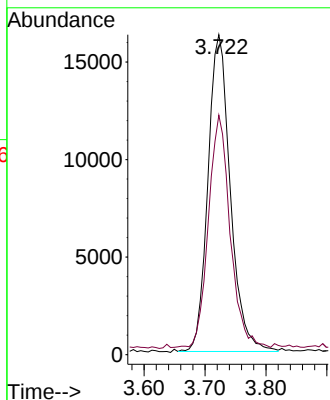
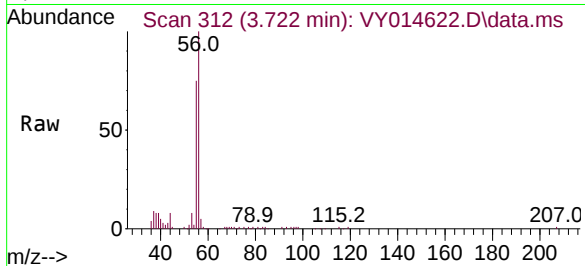




#13
Acrolein
Concen: 99.764 ug/l
RT: 3.722 min Scan# 312
Delta R.T. -0.001 min
Lab File: VY014622.D
Acq: 13 Jul 2023 09:57

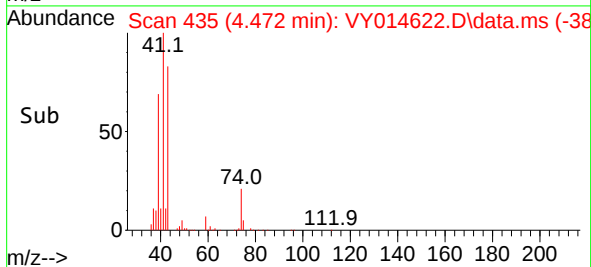
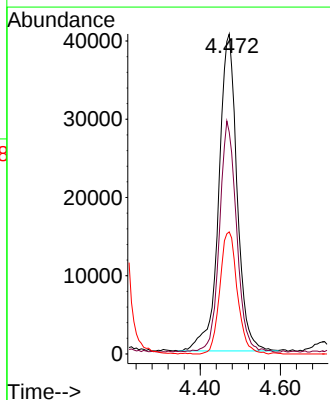
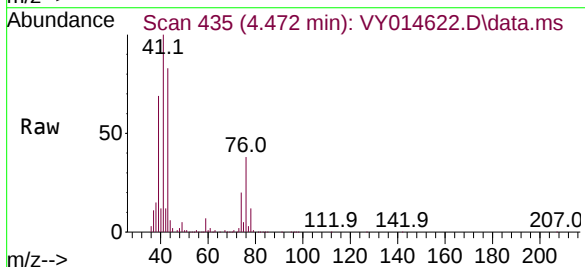
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 41497
Ion Ratio Lower Upper
56 100
55 70.6 57.0 85.4



#14
Allyl chloride
Concen: 21.050 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY014622.D
Acq: 13 Jul 2023 09:57

Tgt Ion: 41 Resp: 128535
Ion Ratio Lower Upper
41 100
39 68.4 58.0 87.0
76 36.8 27.4 41.2

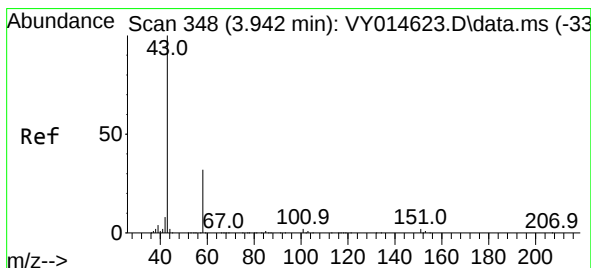
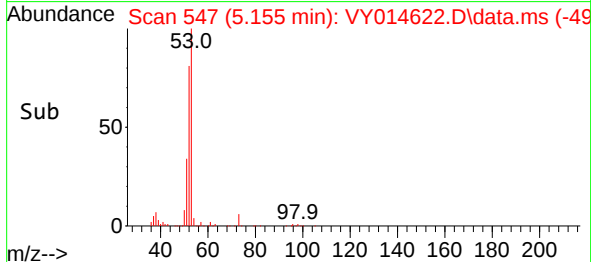
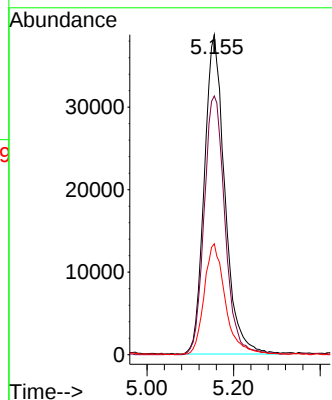
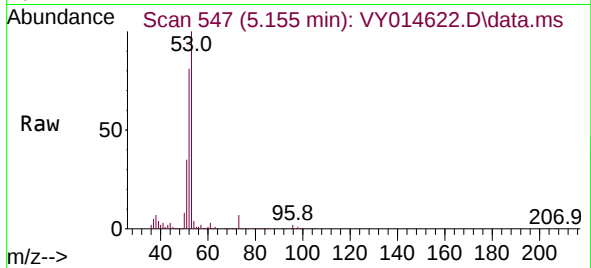




#15
Acrylonitrile
Concen: 103.307 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY014622.D
Acq: 13 Jul 2023 09:57

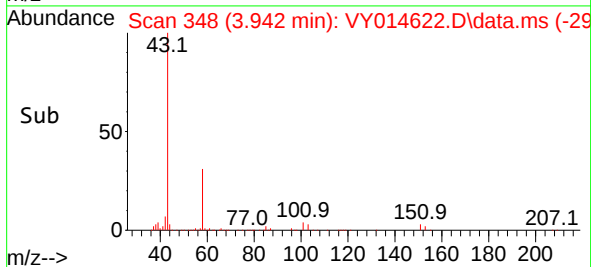
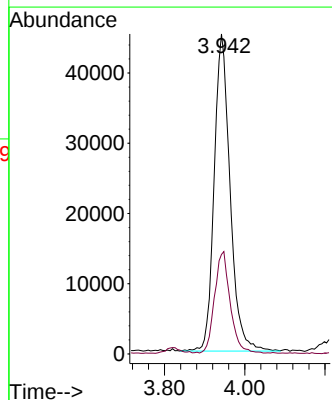
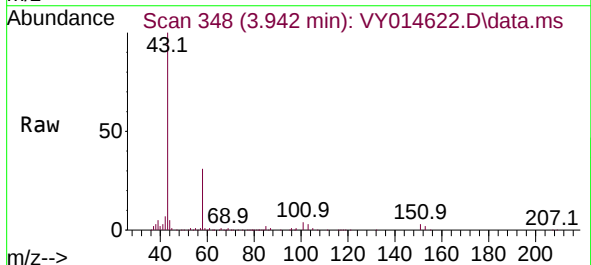
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

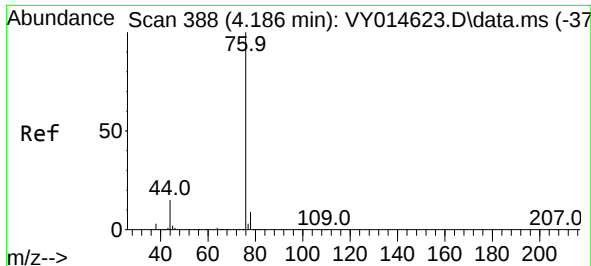
Tgt Ion: 53 Resp: 127246
Ion Ratio Lower Upper
53 100
52 82.4 66.9 100.3
51 36.2 29.8 44.6



#16
Acetone
Concen: 98.753 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY014622.D
Acq: 13 Jul 2023 09:57

Tgt Ion: 43 Resp: 124538
Ion Ratio Lower Upper
43 100
58 31.1 22.7 34.1

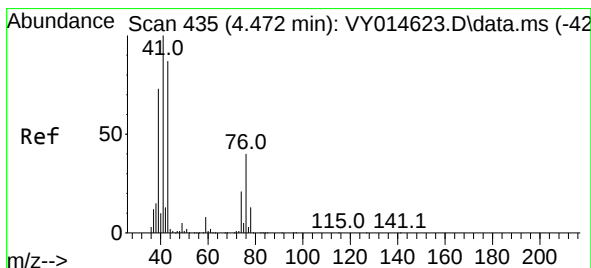
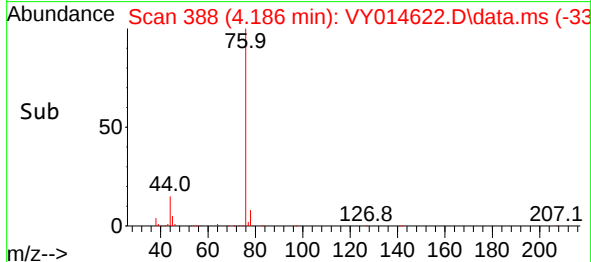
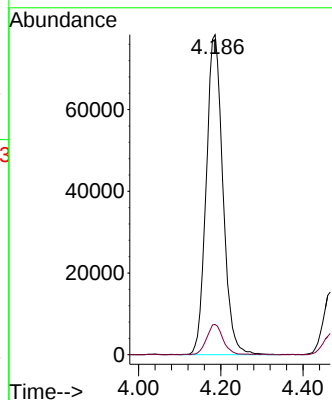
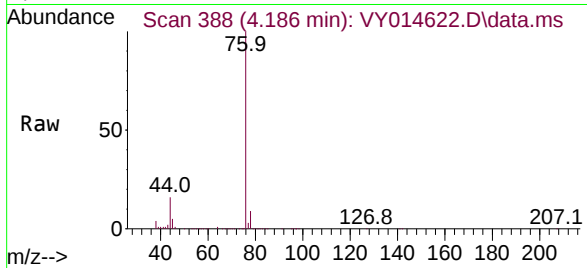




#17
Carbon Disulfide
Concen: 22.336 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY014622.D
Acq: 13 Jul 2023 09:57

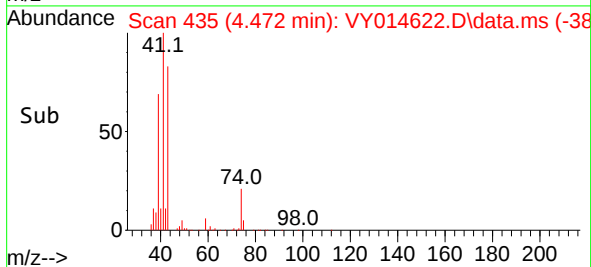
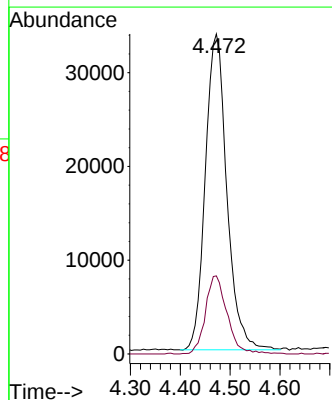
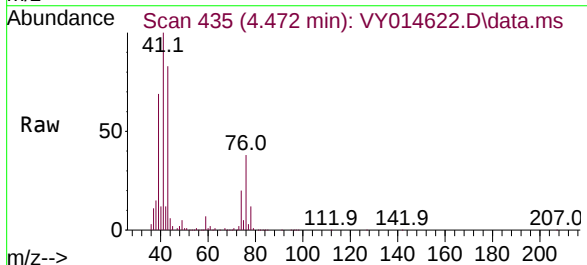
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

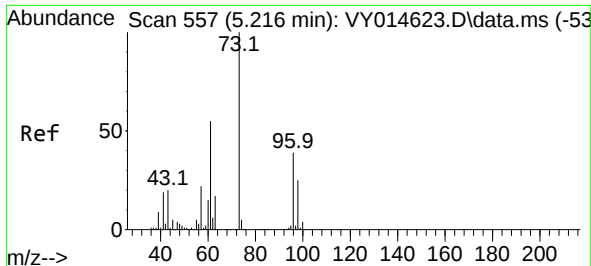
Tgt Ion: 76 Resp: 219918
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4



#18
Methyl Acetate
Concen: 20.859 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY014622.D
Acq: 13 Jul 2023 09:57

Tgt Ion: 43 Resp: 100948
Ion Ratio Lower Upper
43 100
74 24.9 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 20.474 ug/l

RT: 5.210 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY014622.D

Acq: 13 Jul 2023 09:57

Instrument :

MSVOA_Y

ClientSampleId :

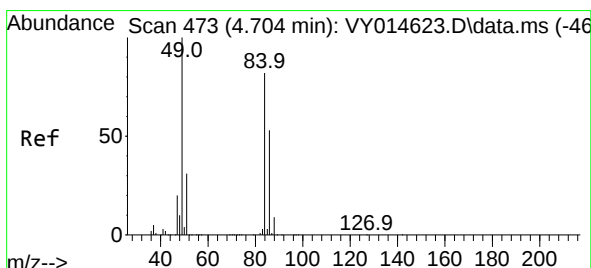
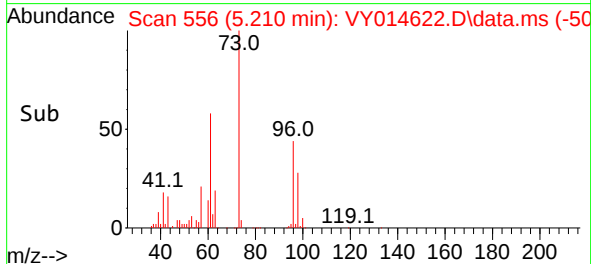
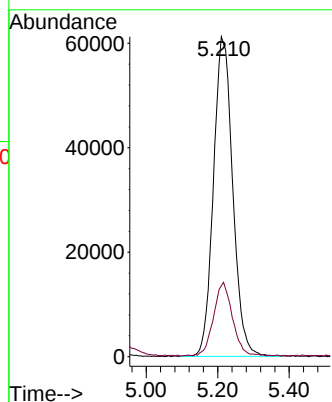
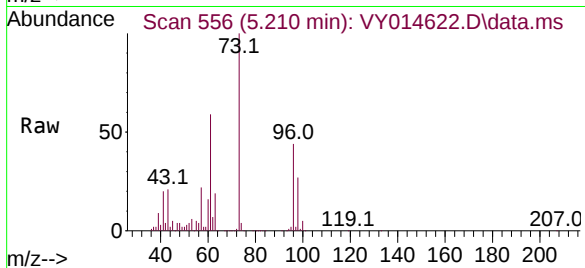
VSTDIC020

Tgt Ion: 73 Resp: 228726

Ion Ratio Lower Upper

73 100

57 21.9 17.3 25.9



#20

Methylene Chloride

Concen: 20.169 ug/l

RT: 4.704 min Scan# 473

Delta R.T. 0.000 min

Lab File: VY014622.D

Acq: 13 Jul 2023 09:57

Tgt Ion: 84 Resp: 92949

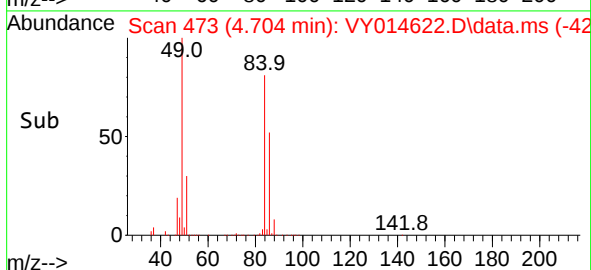
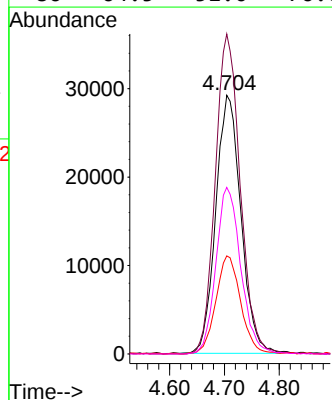
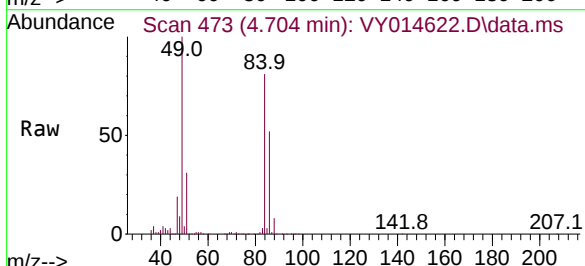
Ion Ratio Lower Upper

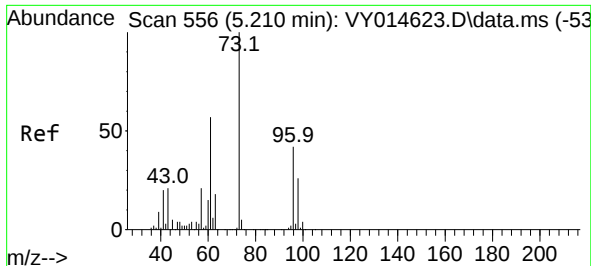
84 100

49 124.0 106.9 160.3

51 38.0 33.2 49.8

86 64.5 51.0 76.6

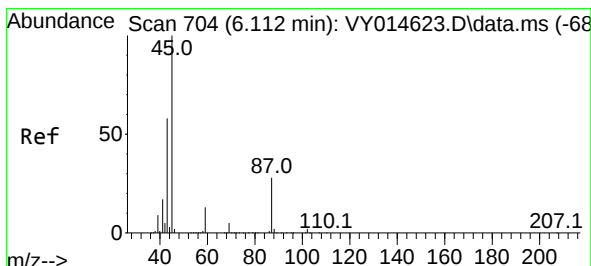
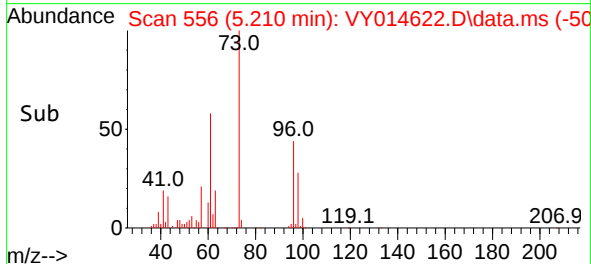
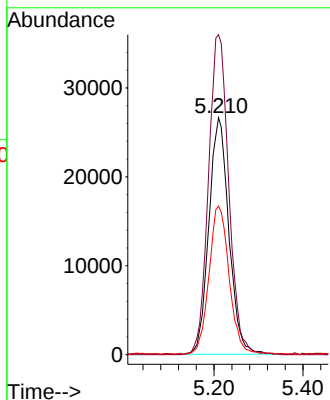
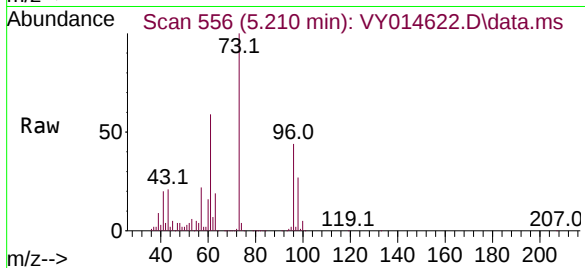




#21
trans-1,2-Dichloroethene
Concen: 21.266 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY014622.D
Acq: 13 Jul 2023 09:57

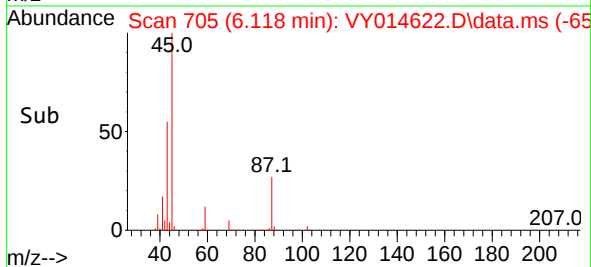
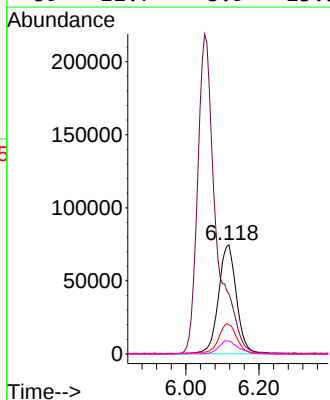
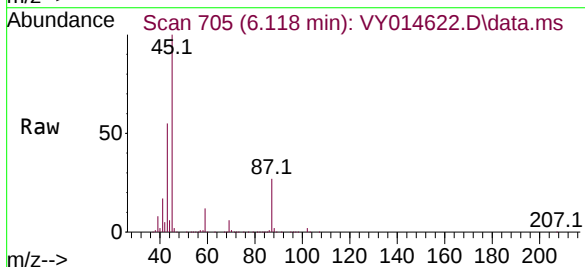
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

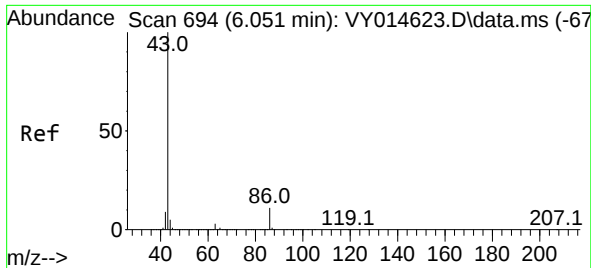
Tgt Ion: 96 Resp: 82997
Ion Ratio Lower Upper
96 100
61 135.3 110.2 165.4
98 62.5 51.8 77.6



#22
Diisopropyl ether
Concen: 20.528 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY014622.D
Acq: 13 Jul 2023 09:57

Tgt Ion: 45 Resp: 254841
Ion Ratio Lower Upper
45 100
43 54.5 52.2 78.4
87 26.8 21.0 31.6
59 11.7 8.9 13.3

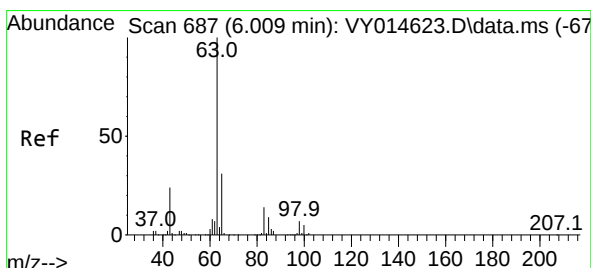
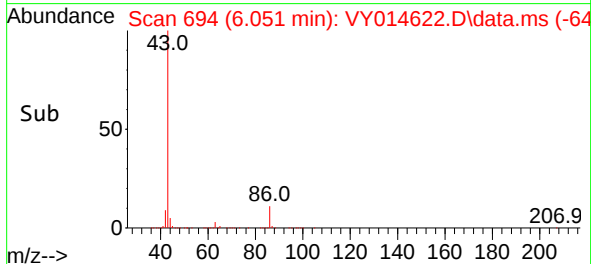
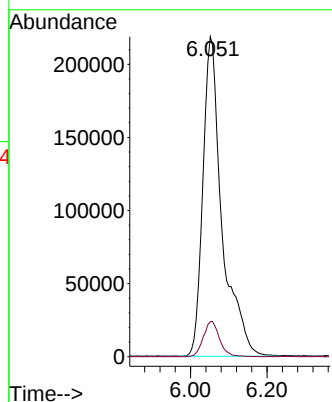
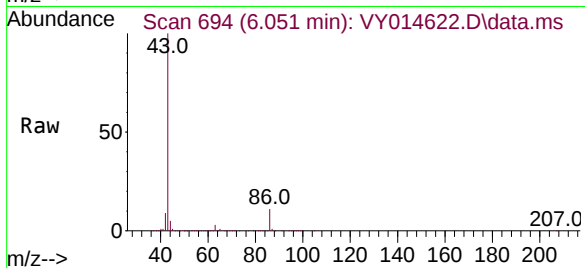




#23
 Vinyl Acetate
 Concen: 102.191 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY014622.D
 Acq: 13 Jul 2023 09:57

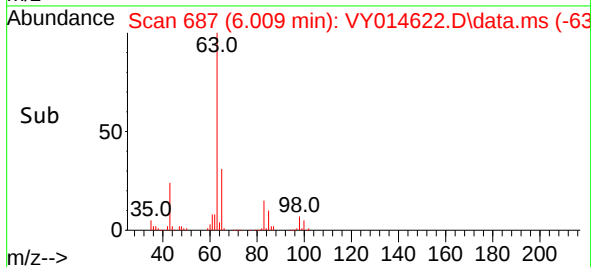
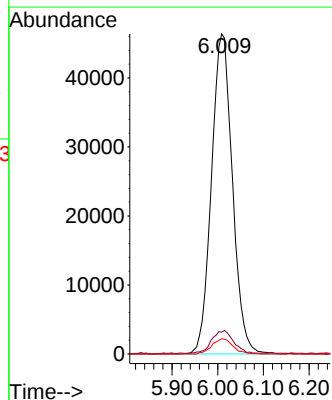
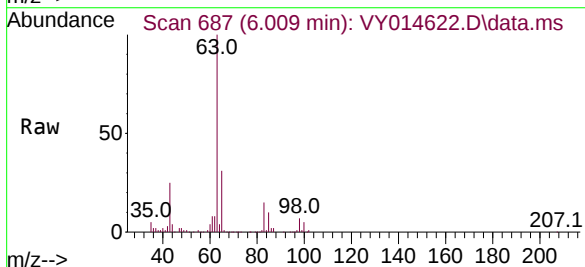
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tgt Ion: 43 Resp: 759201
 Ion Ratio Lower Upper
 43 100
 86 11.0 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 20.800 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY014622.D
 Acq: 13 Jul 2023 09:57

Tgt Ion: 63 Resp: 147752
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.1 9.4
 100 4.8 1.8 5.5

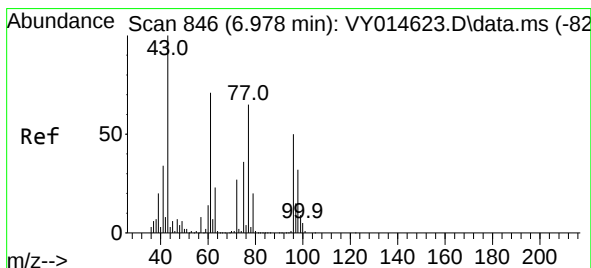
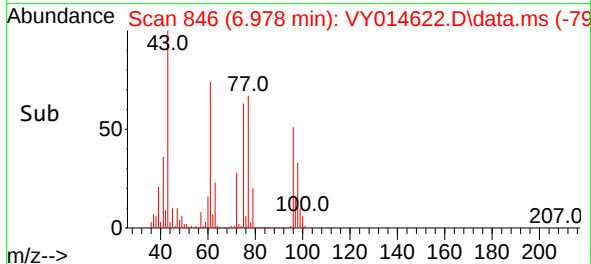
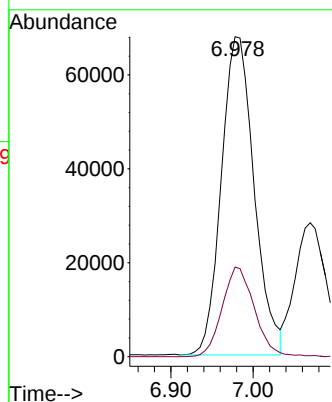
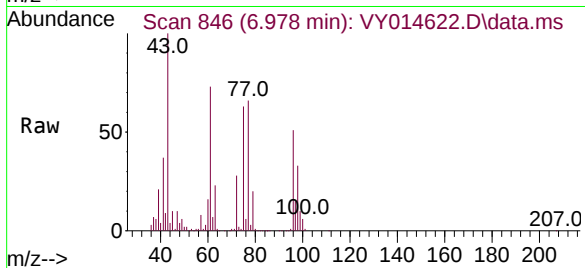




#25
2-Butanone
Concen: 101.939 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY014622.D
Acq: 13 Jul 2023 09:57

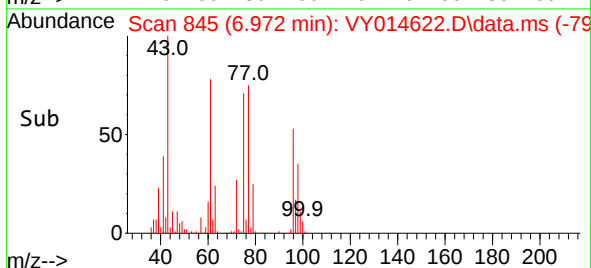
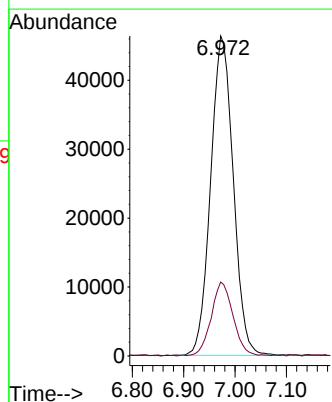
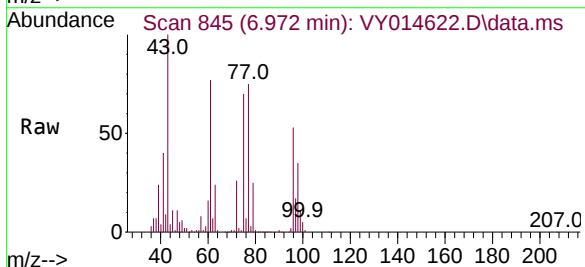
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

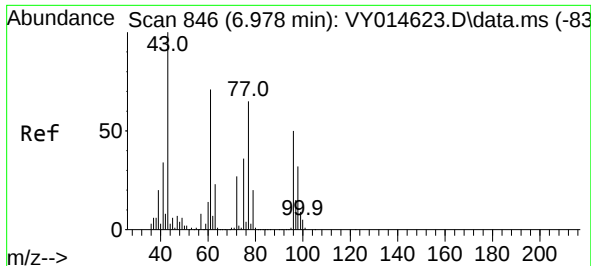
Tgt Ion: 43 Resp: 188075
Ion Ratio Lower Upper
43 100
72 28.1 20.5 30.7



#26
2,2-Dichloropropane
Concen: 20.881 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY014622.D
Acq: 13 Jul 2023 09:57

Tgt Ion: 77 Resp: 141361
Ion Ratio Lower Upper
77 100
97 22.6 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 20.769 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY014622.D

Acq: 13 Jul 2023 09:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

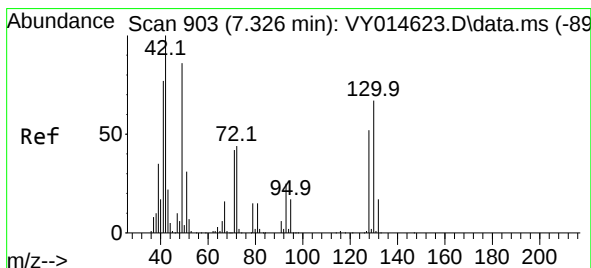
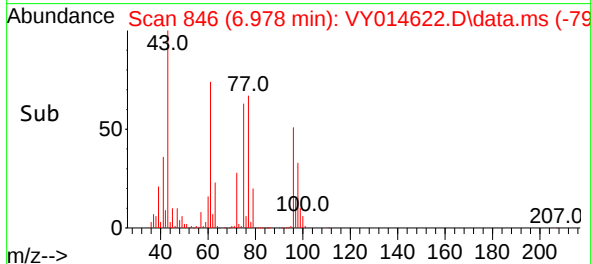
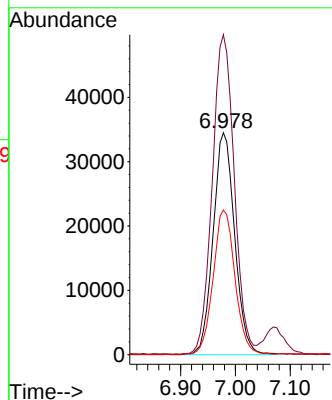
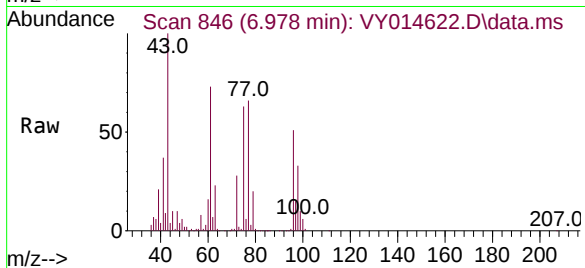
Tgt Ion: 96 Resp: 94349

Ion Ratio Lower Upper

96 100

61 147.4 0.0 301.4

98 65.3 0.0 130.4



#28

Bromochloromethane

Concen: 22.000 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.006 min

Lab File: VY014622.D

Acq: 13 Jul 2023 09:57

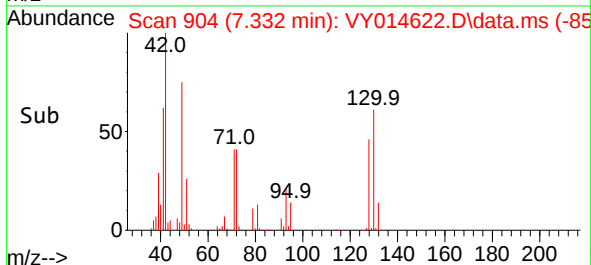
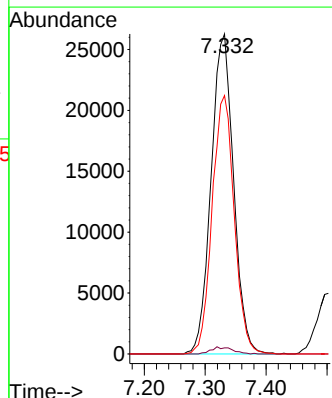
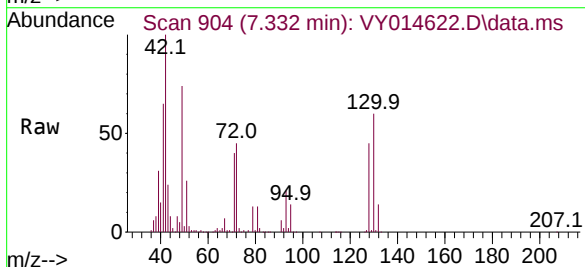
Tgt Ion: 49 Resp: 67305

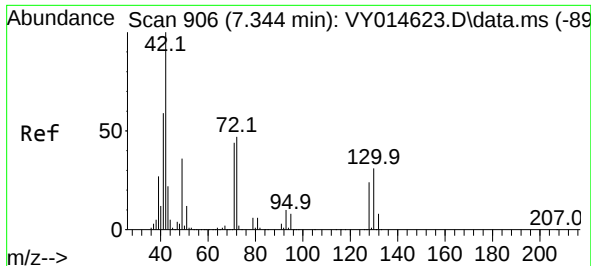
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 79.3 60.7 91.1





#29

Tetrahydrofuran

Concen: 103.357 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY014622.D

Acq: 13 Jul 2023 09:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

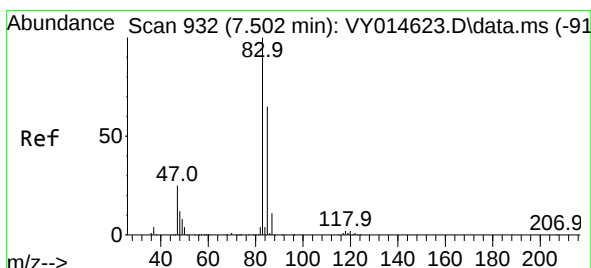
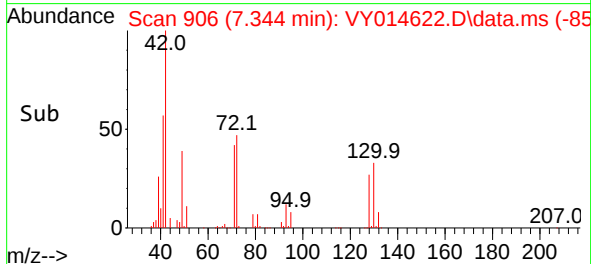
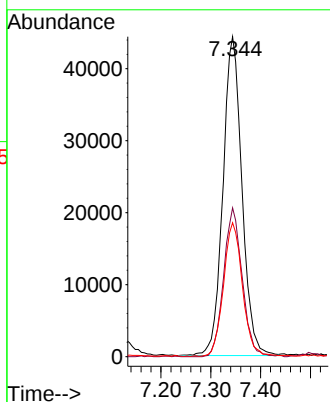
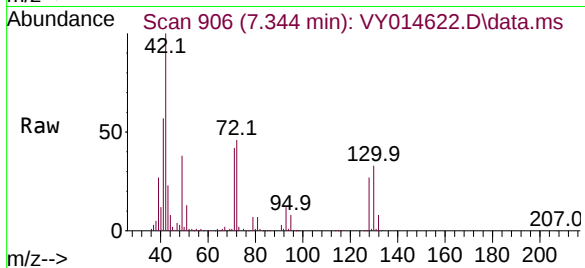
Tgt Ion: 42 Resp: 117419

Ion Ratio Lower Upper

42 100

72 45.4 32.8 49.2

71 41.7 31.0 46.4



#30

Chloroform

Concen: 20.450 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY014622.D

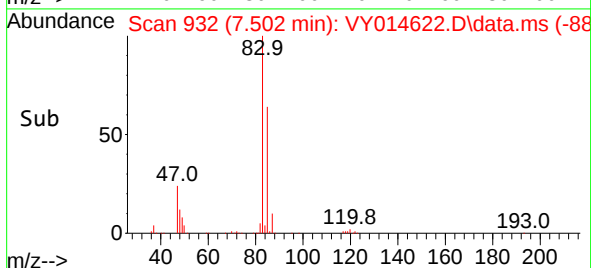
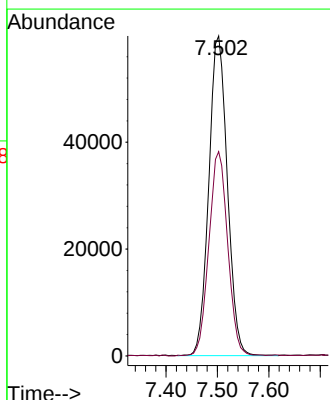
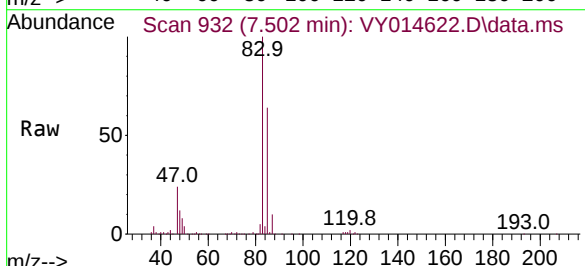
Acq: 13 Jul 2023 09:57

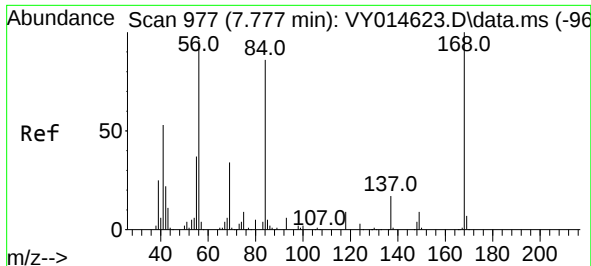
Tgt Ion: 83 Resp: 149797

Ion Ratio Lower Upper

83 100

85 63.7 49.7 74.5

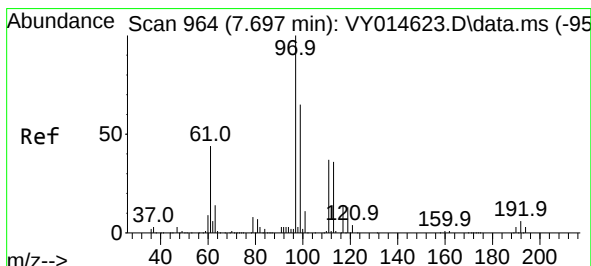
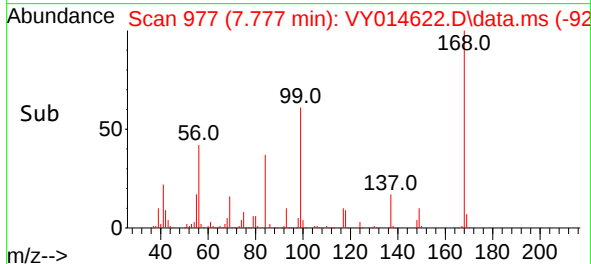
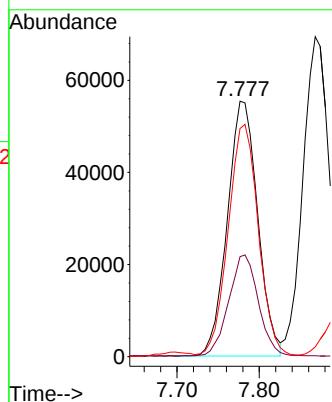
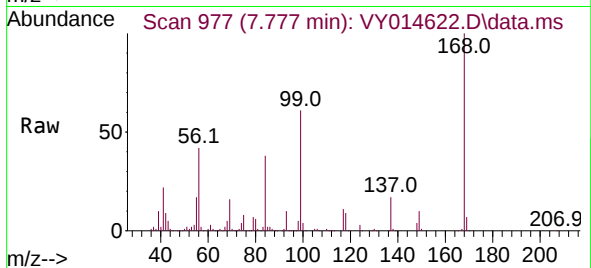




#31
Cyclohexane
Concen: 21.501 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014622.D
Acq: 13 Jul 2023 09:57

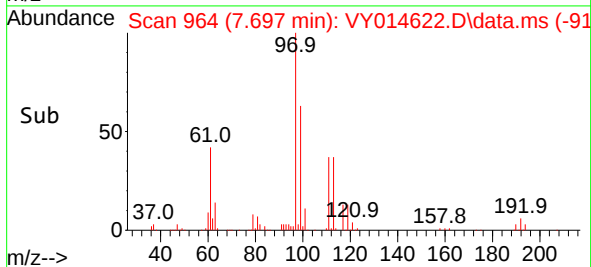
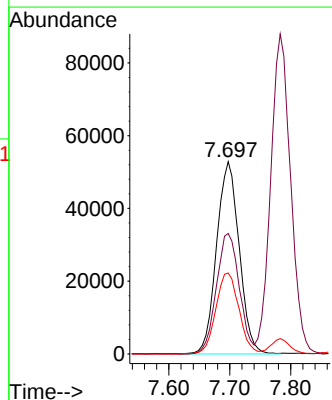
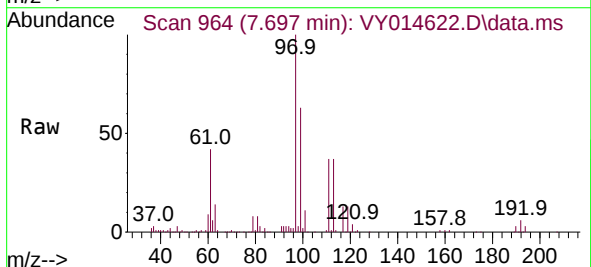
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 56 Resp: 142043
Ion Ratio Lower Upper
56 100
69 38.9 27.8 41.6
84 87.9 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 20.678 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY014622.D
Acq: 13 Jul 2023 09:57

Tgt Ion: 97 Resp: 136324
Ion Ratio Lower Upper
97 100
99 63.6 50.8 76.2
61 42.8 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 20.377 ug/l

RT: 8.136 min Scan# 11092

Delta R.T. 0.000 min

Lab File: VY014622.D

Acq: 13 Jul 2023 09:57

Instrument :

MSVOA_Y

ClientSampleId :

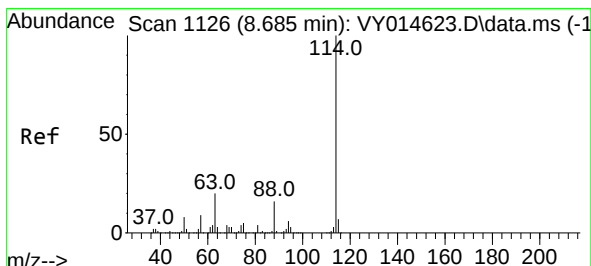
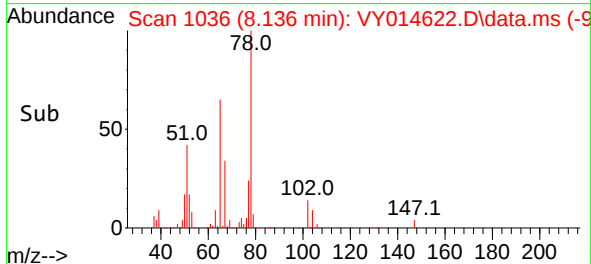
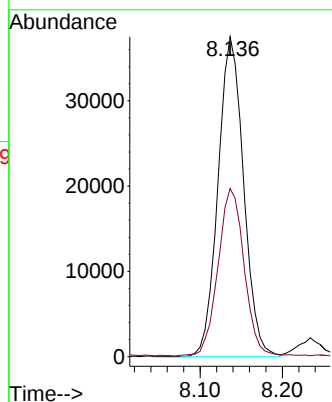
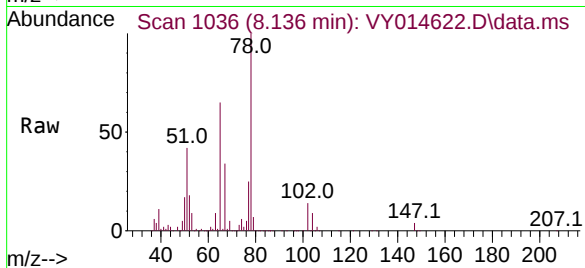
VSTDIC020

Tgt Ion: 65 Resp: 81092

Ion Ratio Lower Upper

65 100

67 53.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY014622.D

Acq: 13 Jul 2023 09:57

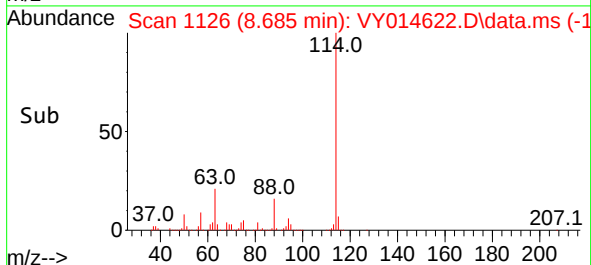
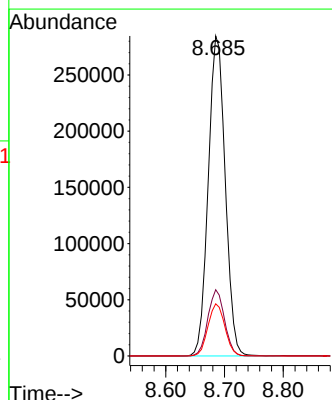
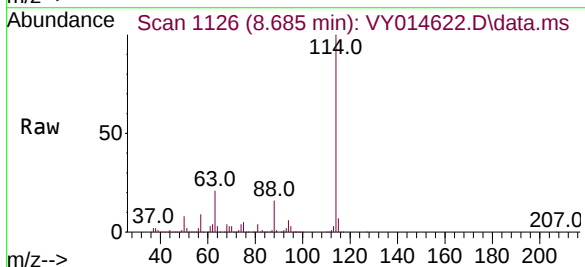
Tgt Ion: 114 Resp: 571391

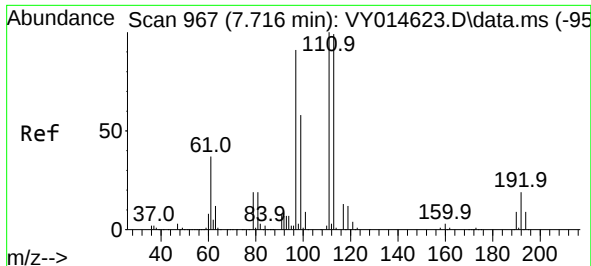
Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.4

88 16.3 0.0 30.6

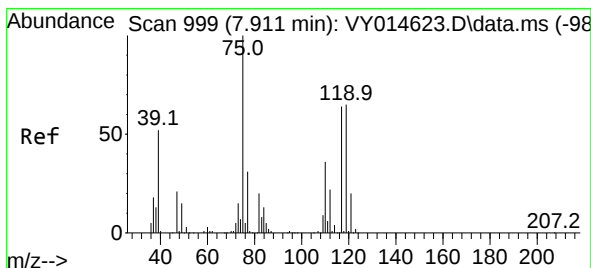
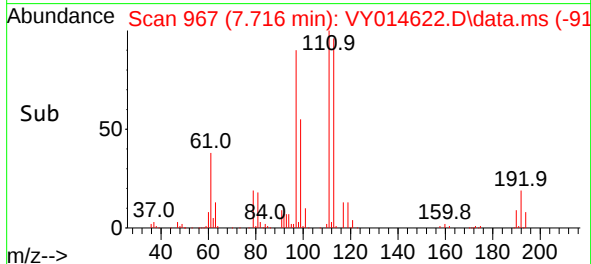
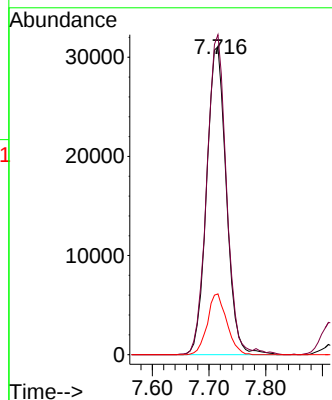
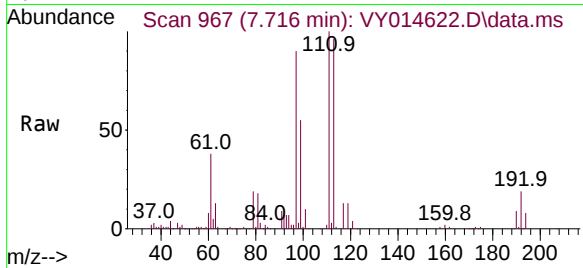




#35
Dibromofluoromethane
Concen: 20.667 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014622.D
Acq: 13 Jul 2023 09:57

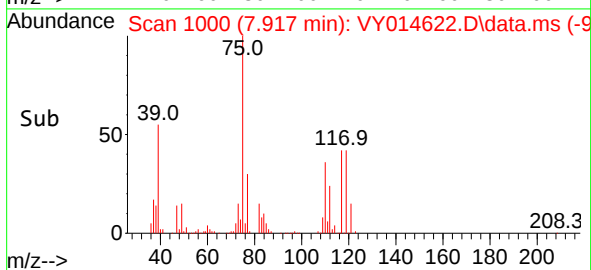
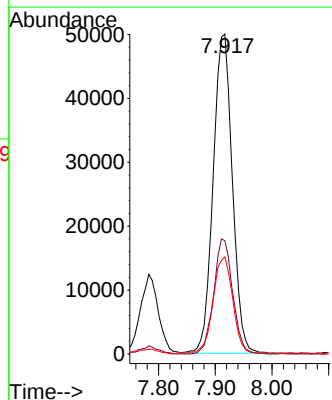
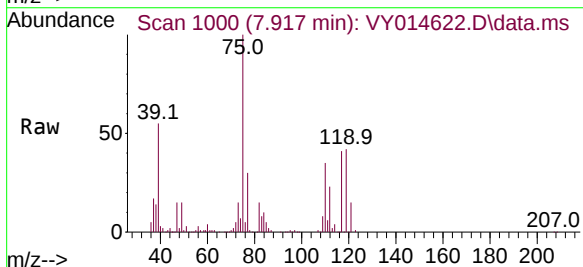
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

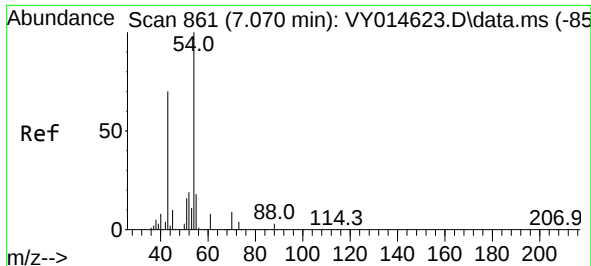
Tgt Ion:113 Resp: 75173
Ion Ratio Lower Upper
113 100
111 103.1 81.3 121.9
192 19.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 21.608 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY014622.D
Acq: 13 Jul 2023 09:57

Tgt Ion: 75 Resp: 117540
Ion Ratio Lower Upper
75 100
110 35.5 17.8 53.5
77 31.7 24.4 36.6

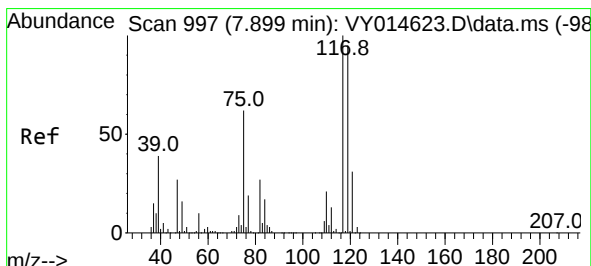
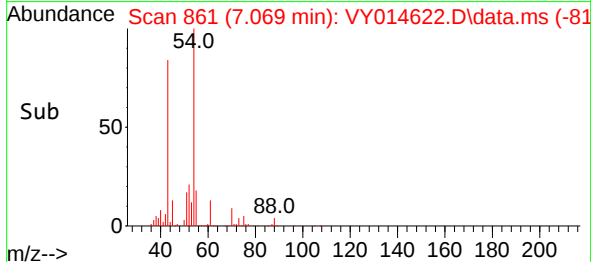
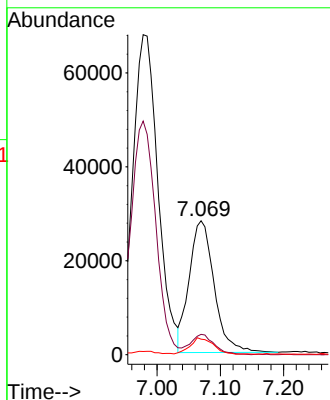
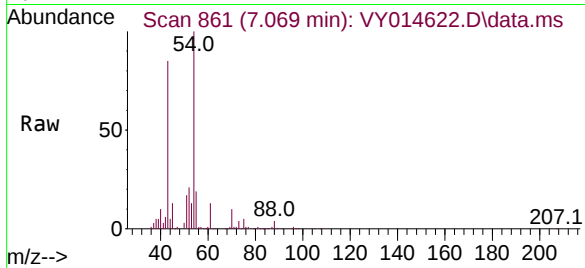




#37
Ethyl Acetate
Concen: 20.610 ug/l
RT: 7.069 min Scan# 861
Delta R.T. -0.001 min
Lab File: VY014622.D
Acq: 13 Jul 2023 09:57

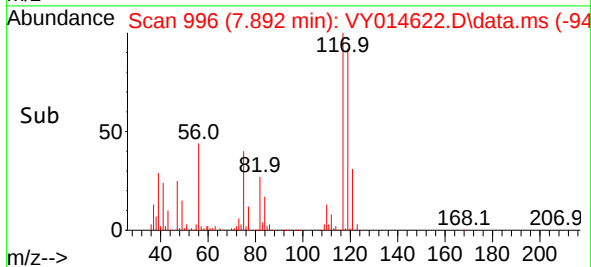
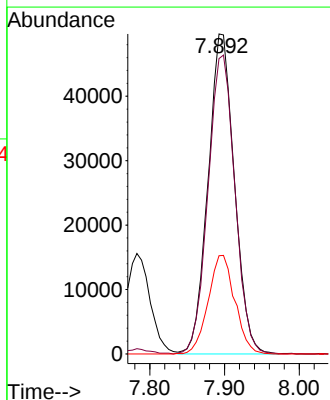
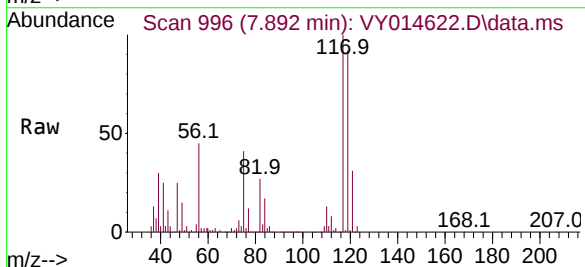
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 77188
Ion Ratio Lower Upper
43 100
61 14.5 10.1 15.1
70 11.2 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 21.147 ug/l
RT: 7.892 min Scan# 996
Delta R.T. -0.007 min
Lab File: VY014622.D
Acq: 13 Jul 2023 09:57

Tgt Ion: 117 Resp: 121595
Ion Ratio Lower Upper
117 100
119 92.2 76.4 114.6
121 30.7 25.8 38.6





#39

Methylcyclohexane

Concen: 21.901 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014622.D

Acq: 13 Jul 2023 09:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

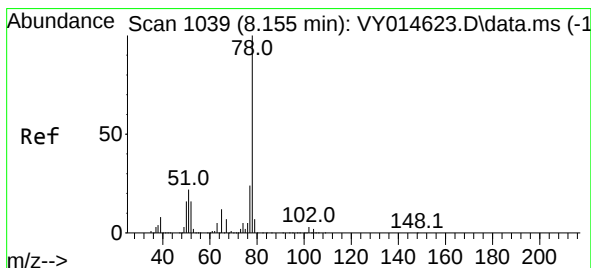
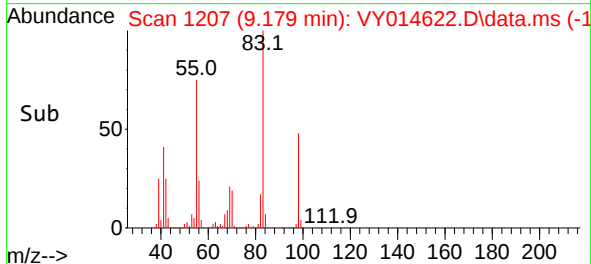
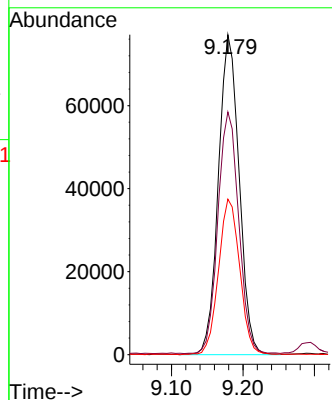
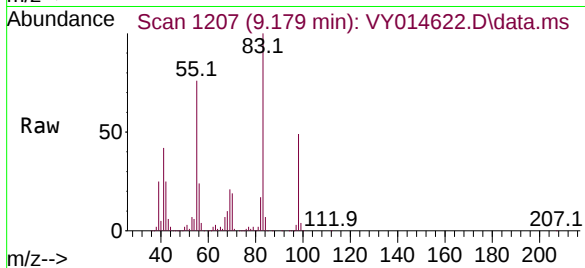
Tgt Ion: 83 Resp: 155205

Ion Ratio Lower Upper

83 100

55 75.4 63.0 94.4

98 48.6 37.4 56.2



#40

Benzene

Concen: 21.393 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY014622.D

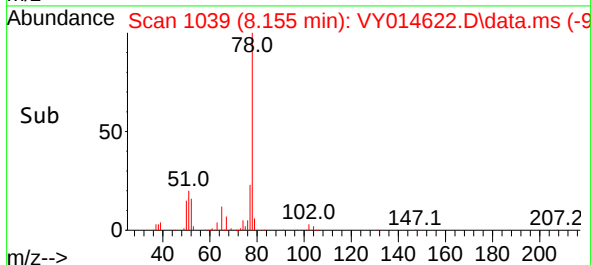
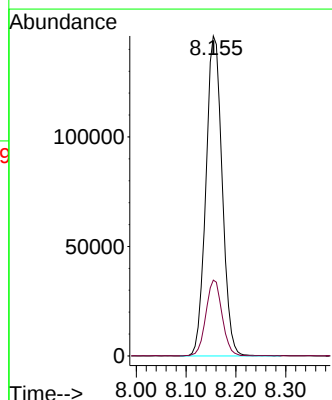
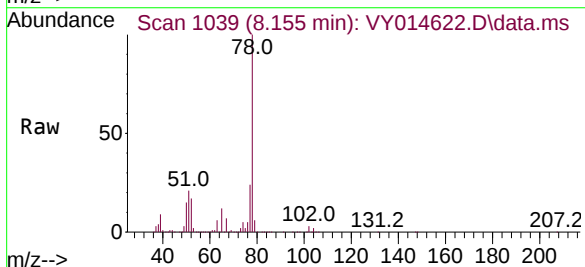
Acq: 13 Jul 2023 09:57

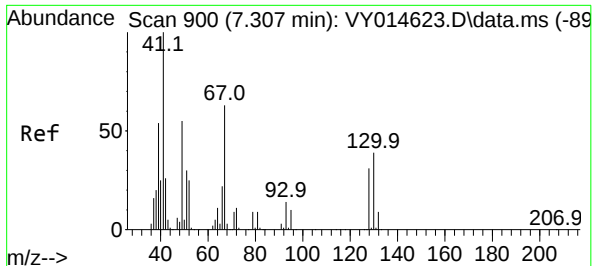
Tgt Ion: 78 Resp: 330956

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.6

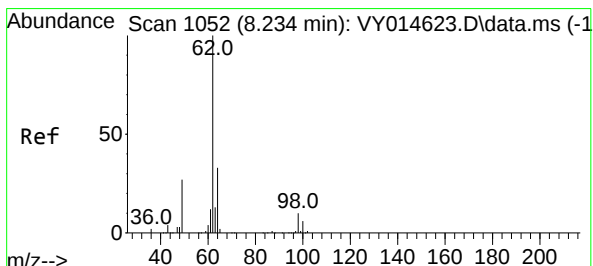
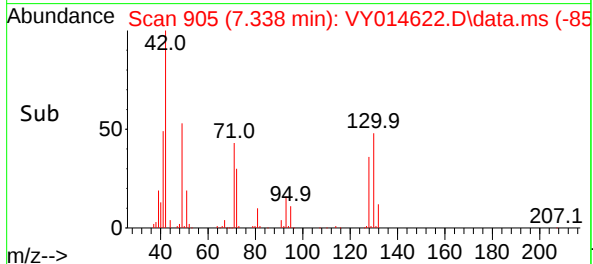
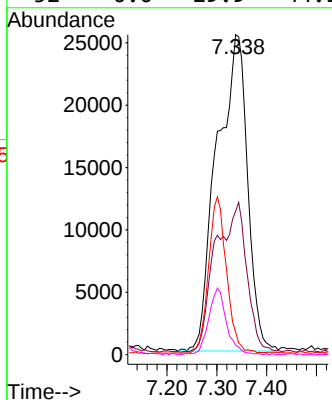
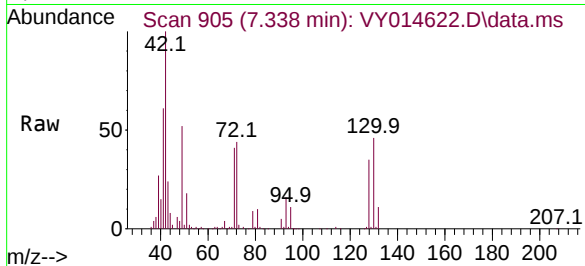




#41
Methacrylonitrile
Concen: 54.367 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.031 min
Lab File: VY014622.D
Acq: 13 Jul 2023 09:57

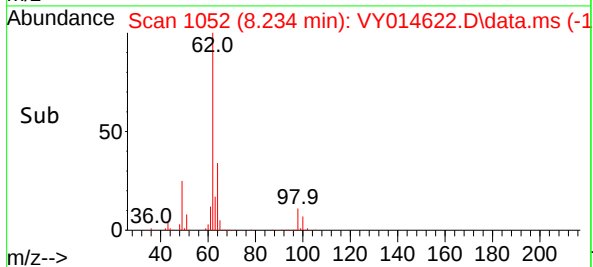
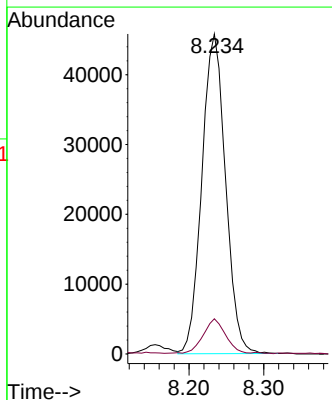
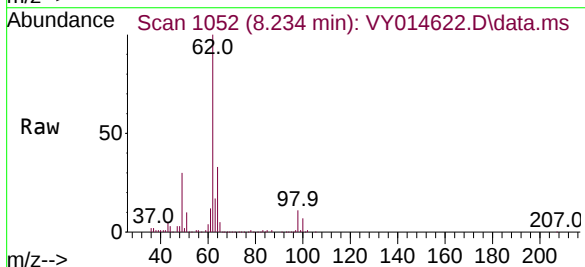
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

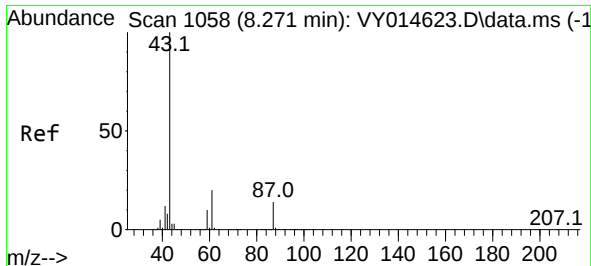
Tgt Ion: 41 Resp: 107673
Ion Ratio Lower Upper
41 100
39 23.2 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 20.535 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY014622.D
Acq: 13 Jul 2023 09:57

Tgt Ion: 62 Resp: 100600
Ion Ratio Lower Upper
62 100
98 10.3 0.0 15.8

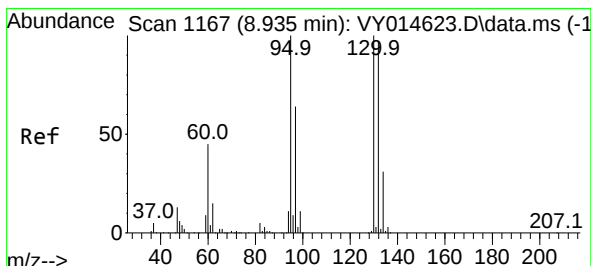
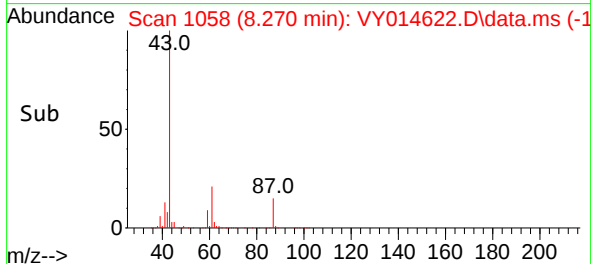
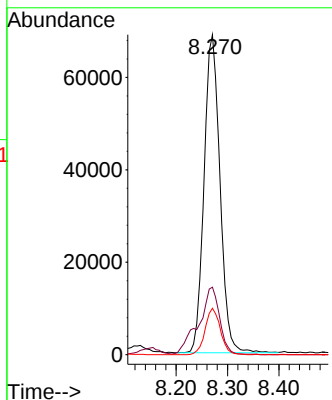
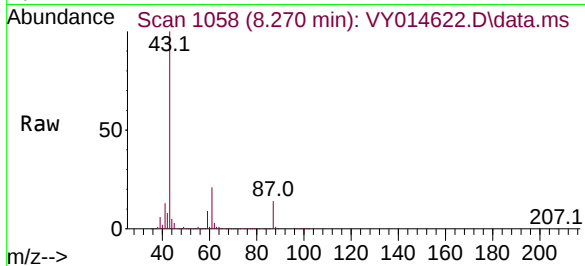




#43
Isopropyl Acetate
Concen: 20.768 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.001 min
Lab File: VY014622.D
Acq: 13 Jul 2023 09:57

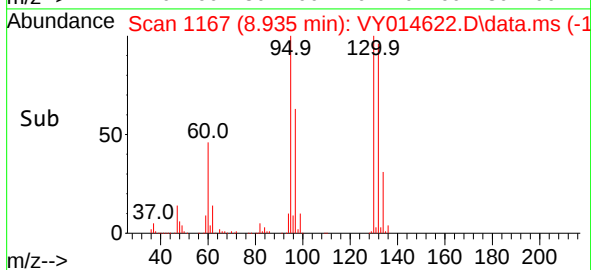
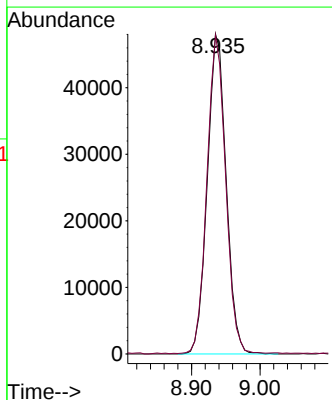
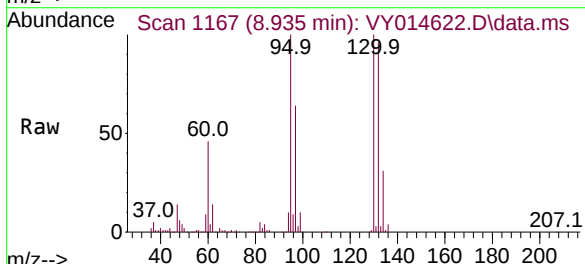
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

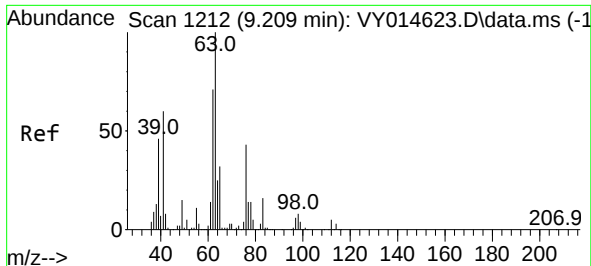
Tgt Ion: 43 Resp: 148162
Ion Ratio Lower Upper
43 100
61 28.1 21.1 31.7
87 14.0 9.8 14.8



#44
Trichloroethene
Concen: 21.218 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY014622.D
Acq: 13 Jul 2023 09:57

Tgt Ion:130 Resp: 91840
Ion Ratio Lower Upper
130 100
95 99.5 0.0 196.0





#45

1,2-Dichloropropane

Concen: 21.080 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.006 min

Lab File: VY014622.D

Acq: 13 Jul 2023 09:57

Instrument :

MSVOA_Y

ClientSampleId :

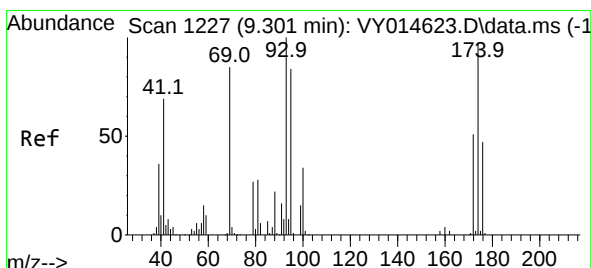
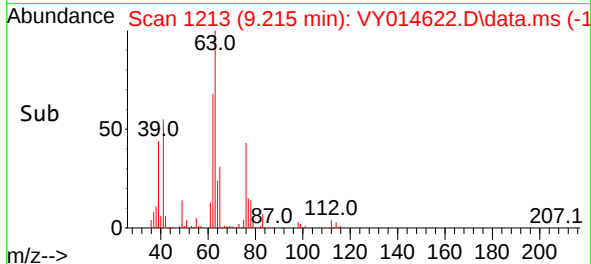
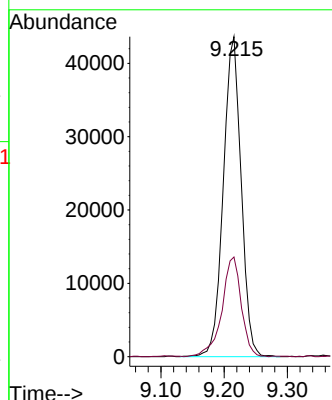
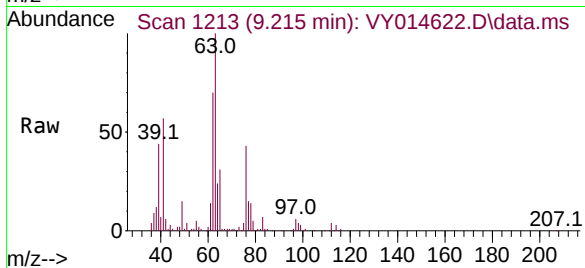
VSTDIC020

Tgt Ion: 63 Resp: 85156

Ion Ratio Lower Upper

63 100

65 31.0 23.8 35.6



#46

Dibromomethane

Concen: 20.795 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY014622.D

Acq: 13 Jul 2023 09:57

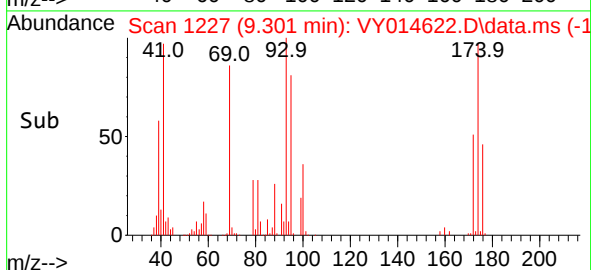
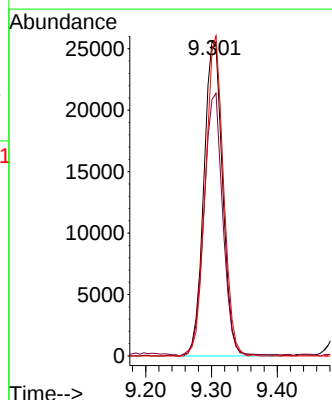
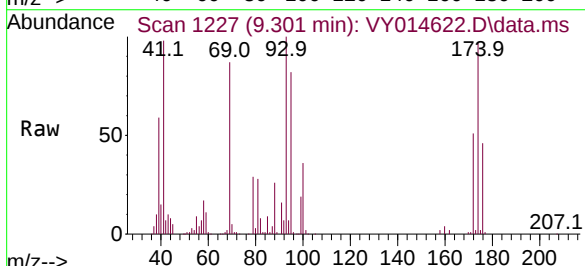
Tgt Ion: 93 Resp: 50962

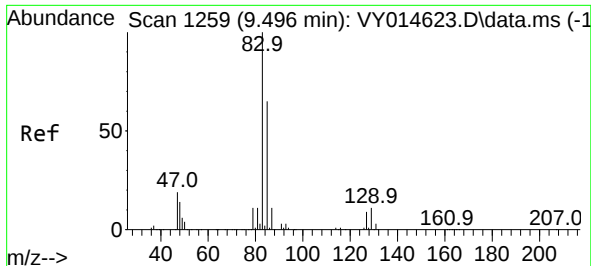
Ion Ratio Lower Upper

93 100

95 83.6 66.6 100.0

174 97.3 84.8 127.2

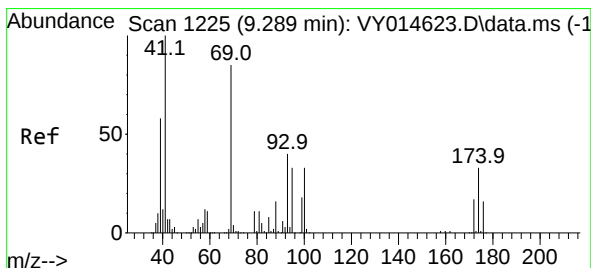
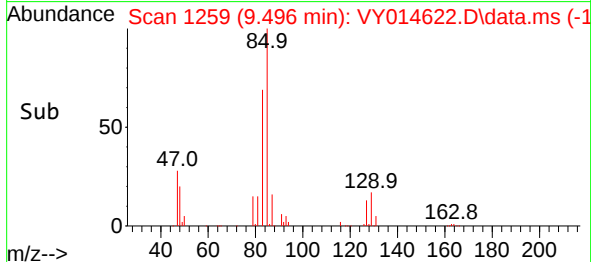
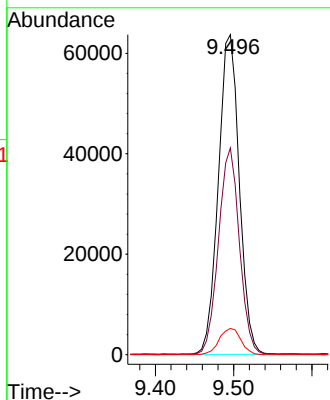
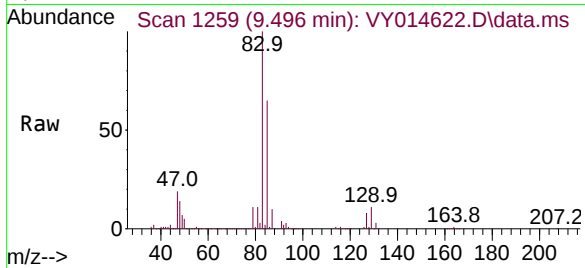




#47
Bromodichloromethane
Concen: 20.483 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY014622.D
Acq: 13 Jul 2023 09:57

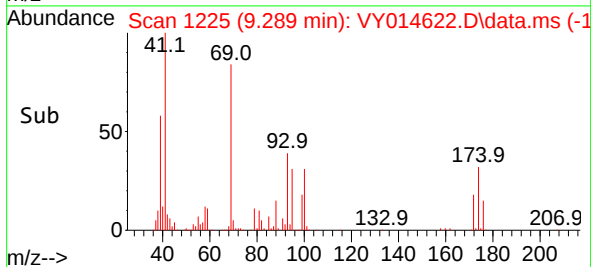
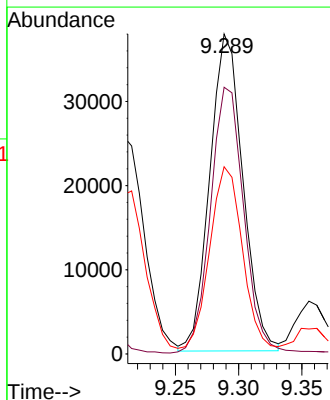
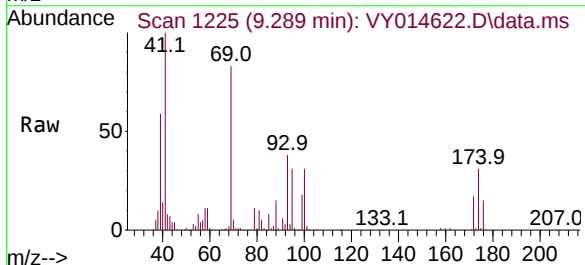
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

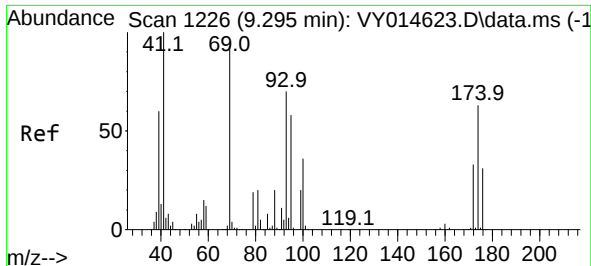
Tgt Ion: 83 Resp: 118309
Ion Ratio Lower Upper
83 100
85 64.6 50.1 75.1
127 8.2 7.1 10.7



#48
Methyl methacrylate
Concen: 21.360 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY014622.D
Acq: 13 Jul 2023 09:57

Tgt Ion: 41 Resp: 68569
Ion Ratio Lower Upper
41 100
69 84.5 64.5 96.7
39 56.4 50.8 76.2





#49

1,4-Dioxane

Concen: 426.876 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY014622.D

Acq: 13 Jul 2023 09:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

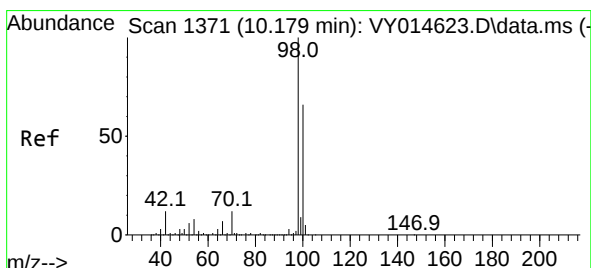
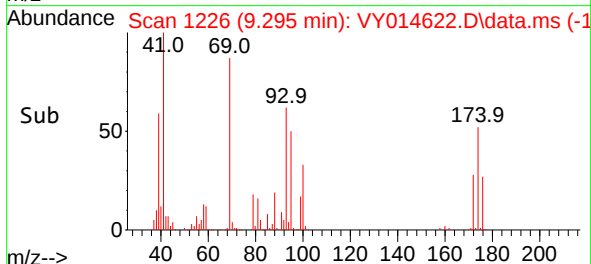
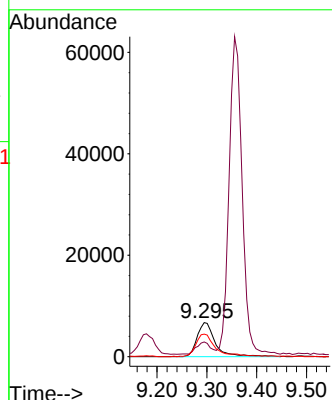
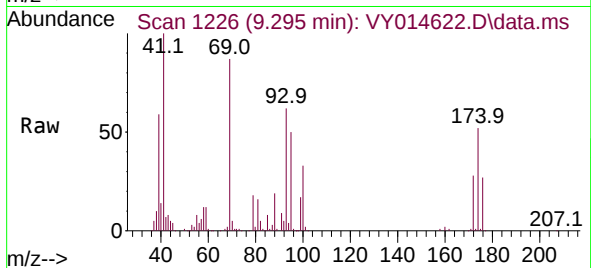
Tgt Ion: 88 Resp: 17058

Ion Ratio Lower Upper

88 100

43 30.1 0.0 0.0#

58 73.1 30.9 46.3#



#50

Toluene-d8

Concen: 20.940 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY014622.D

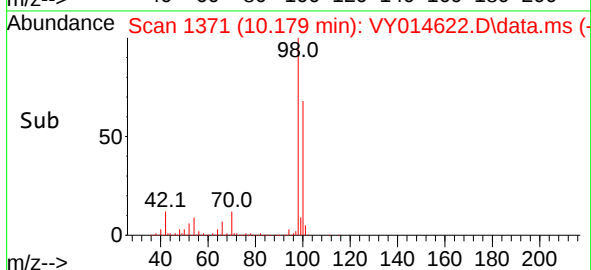
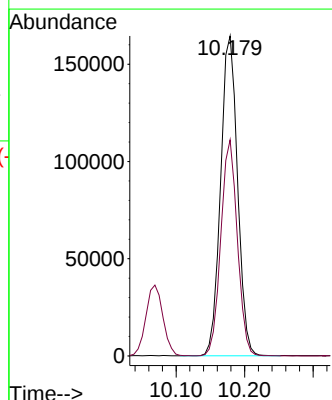
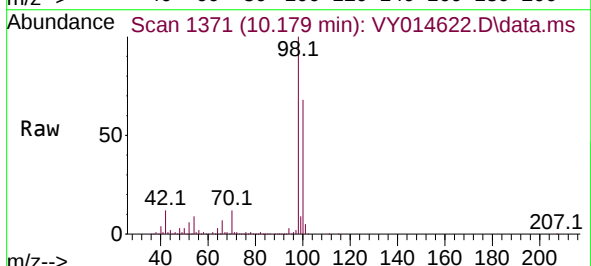
Acq: 13 Jul 2023 09:57

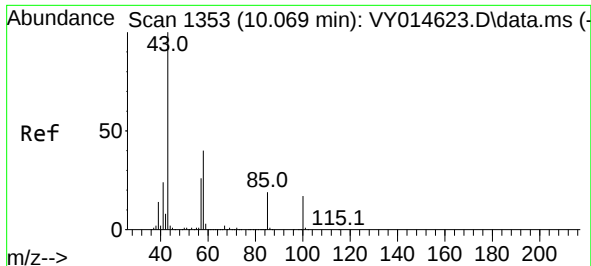
Tgt Ion: 98 Resp: 280801

Ion Ratio Lower Upper

98 100

100 66.0 50.1 75.1

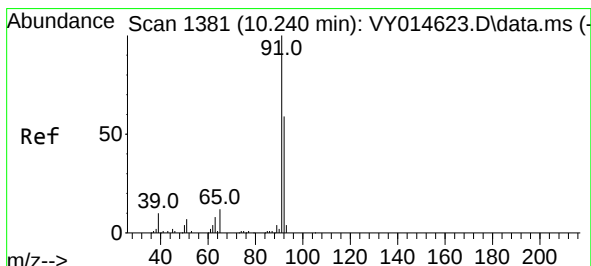
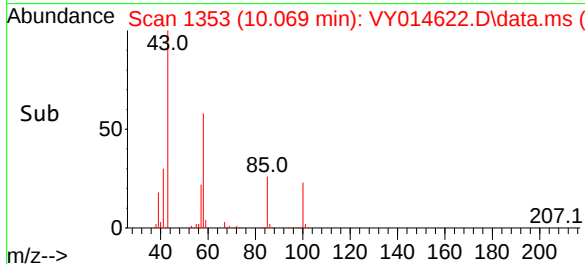
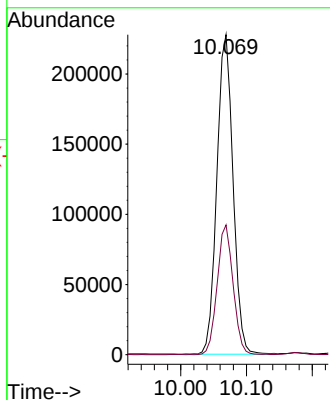
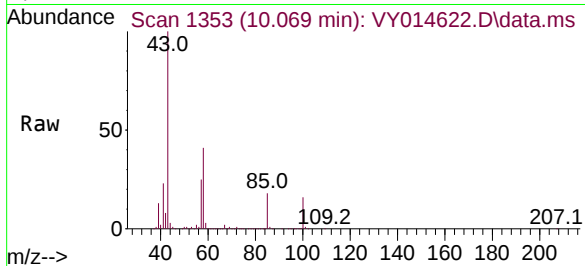




#51
4-Methyl-2-Pentanone
Concen: 104.132 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY014622.D
Acq: 13 Jul 2023 09:57

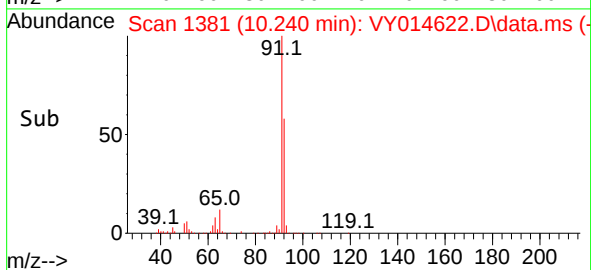
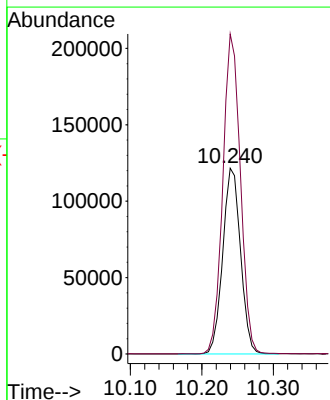
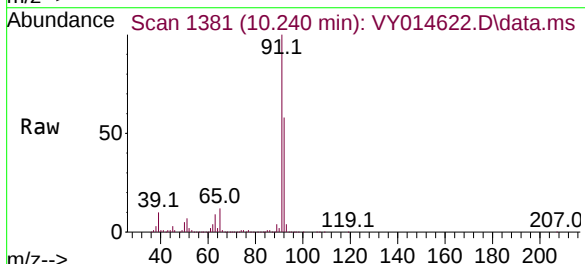
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

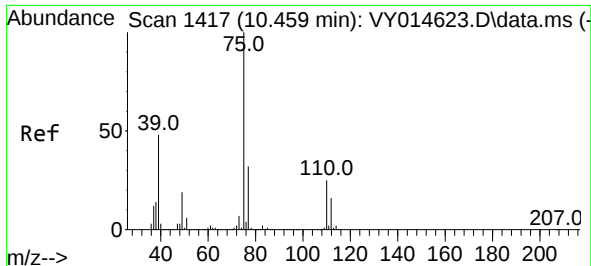
Tgt Ion: 43 Resp: 390047
Ion Ratio Lower Upper
43 100
58 40.0 29.0 43.6



#52
Toluene
Concen: 21.193 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY014622.D
Acq: 13 Jul 2023 09:57

Tgt Ion: 92 Resp: 209800
Ion Ratio Lower Upper
92 100
91 170.4 143.8 215.6

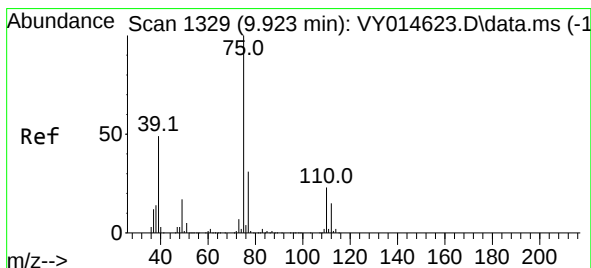
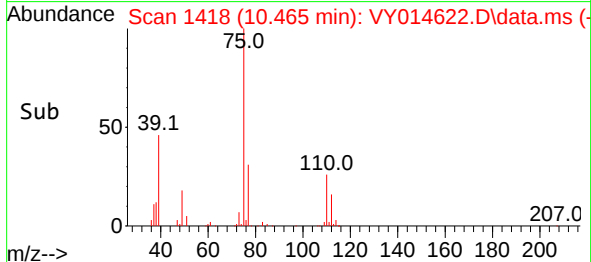
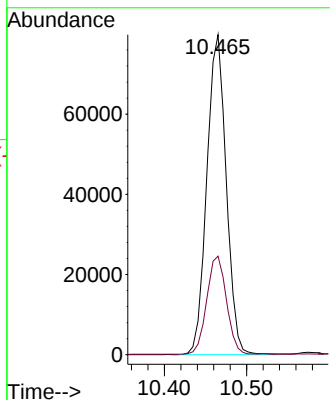
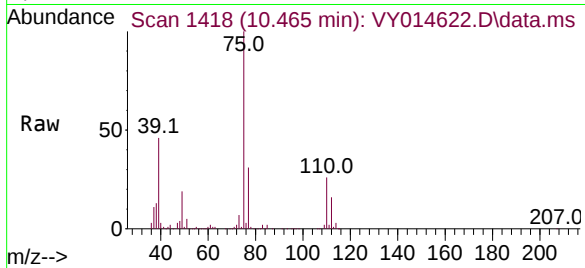




#53
 t-1,3-Dichloropropene
 Concen: 20.701 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY014622.D
 Acq: 13 Jul 2023 09:57

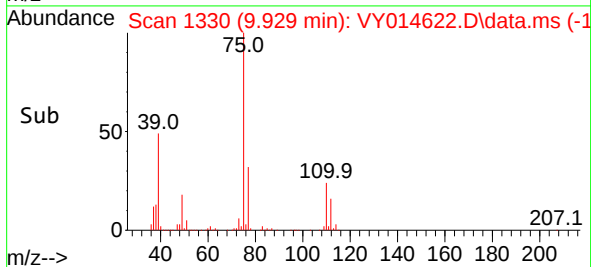
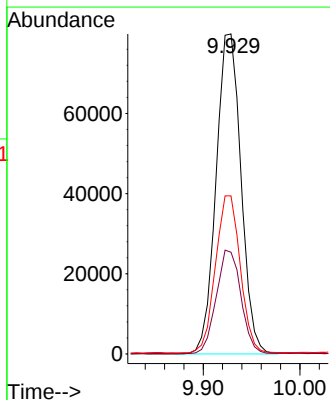
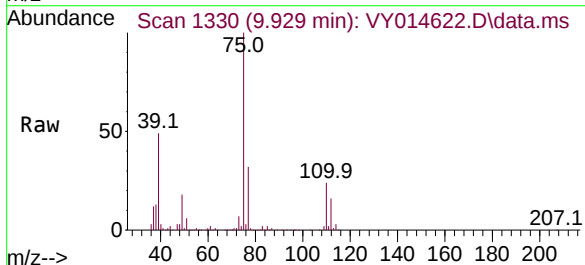
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

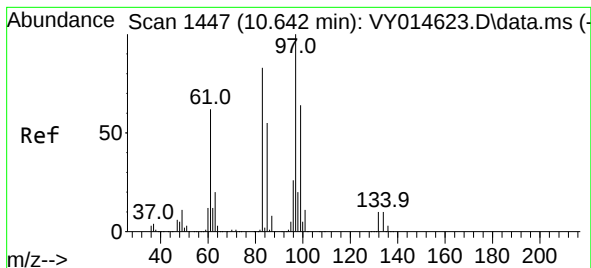
Tgt Ion: 75 Resp: 130785
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 20.815 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY014622.D
 Acq: 13 Jul 2023 09:57

Tgt Ion: 75 Resp: 143012
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.2 36.4
 39 49.1 42.2 63.4

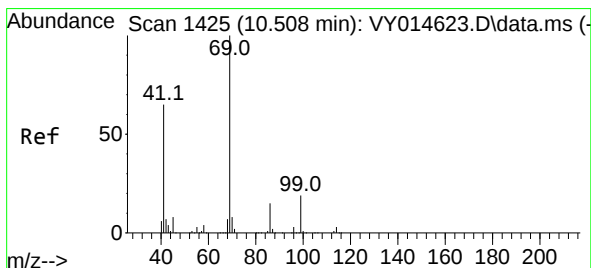
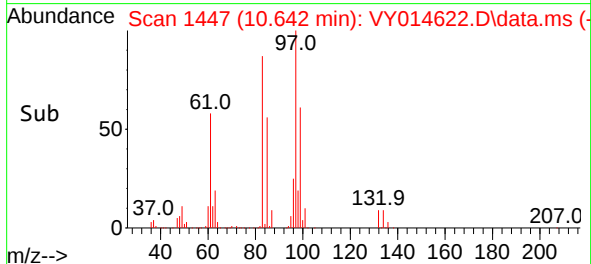
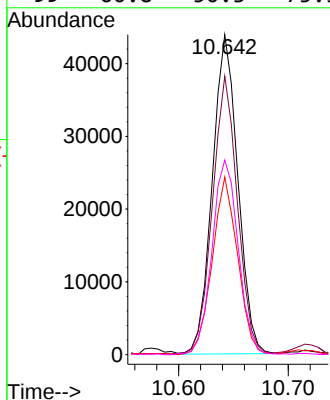
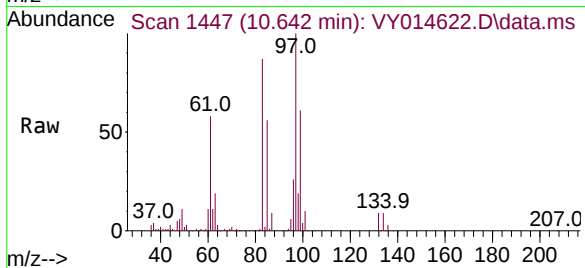




#55
1,1,2-Trichloroethane
Concen: 20.789 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY014622.D
Acq: 13 Jul 2023 09:57

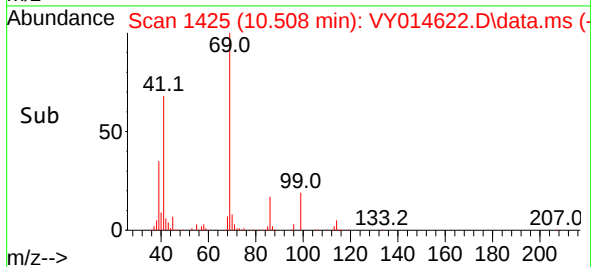
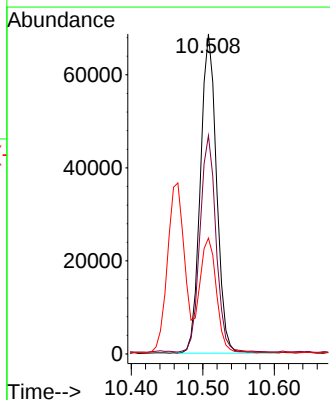
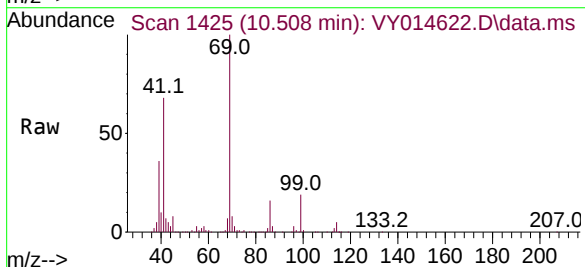
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

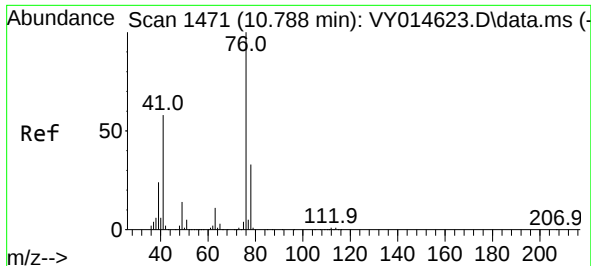
Tgt Ion:	97	Resp:	70967
Ion	Ratio	Lower	Upper
97	100		
83	86.9	72.0	108.0
85	55.7	45.4	68.0
99	60.8	50.3	75.5



#56
Ethyl methacrylate
Concen: 20.661 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY014622.D
Acq: 13 Jul 2023 09:57

Tgt Ion:	69	Resp:	107686
Ion	Ratio	Lower	Upper
69	100		
41	67.3	57.6	86.4
39	37.7	34.1	51.1





#57

1,3-Dichloropropane

Concen: 20.751 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY014622.D

Acq: 13 Jul 2023 09:57

Instrument :

MSVOA_Y

ClientSampleId :

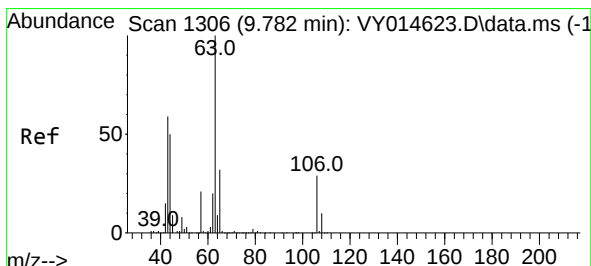
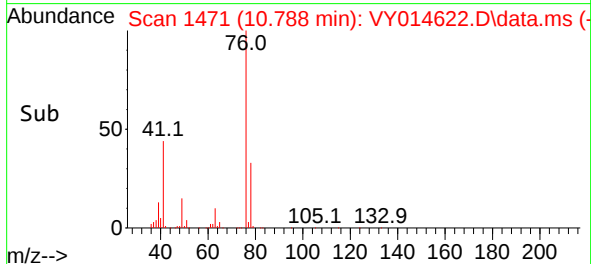
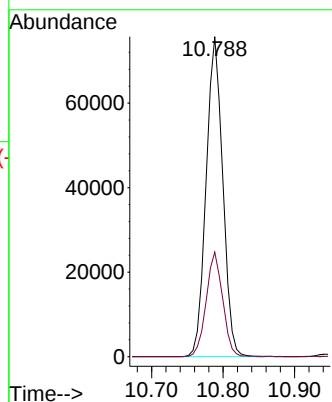
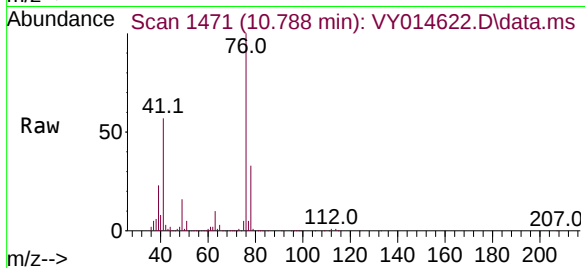
VSTDIC020

Tgt Ion: 76 Resp: 122180

Ion Ratio Lower Upper

76 100

78 32.4 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 107.907 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY014622.D

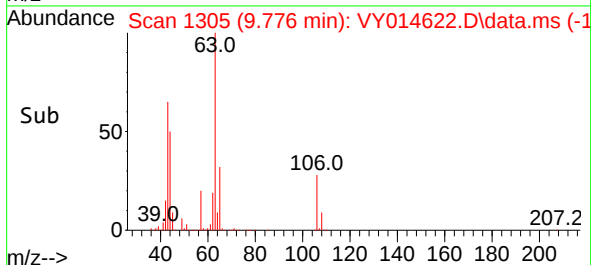
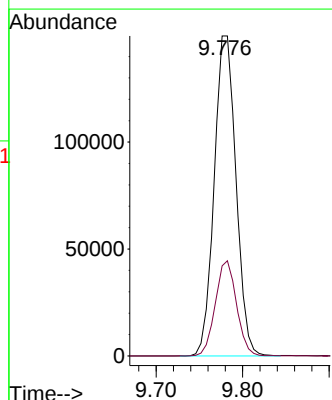
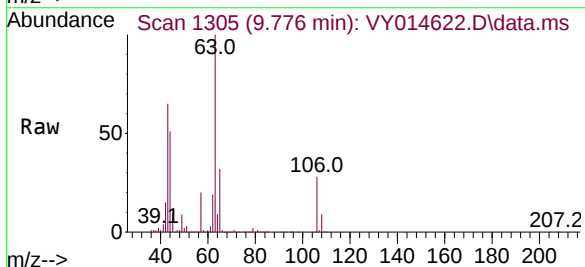
Acq: 13 Jul 2023 09:57

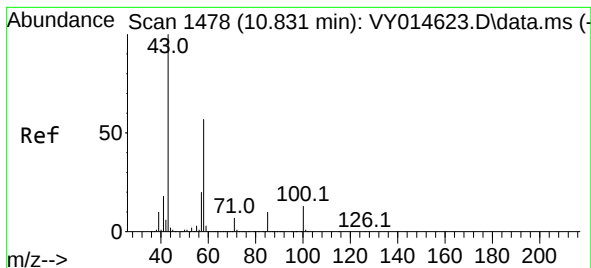
Tgt Ion: 63 Resp: 262058

Ion Ratio Lower Upper

63 100

106 28.9 21.2 31.8

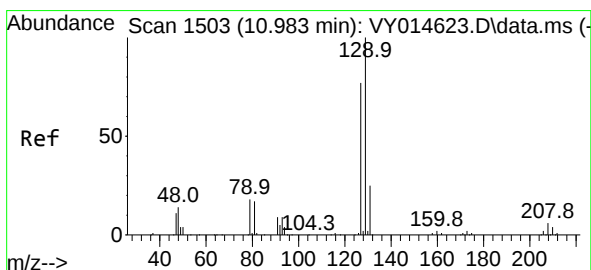
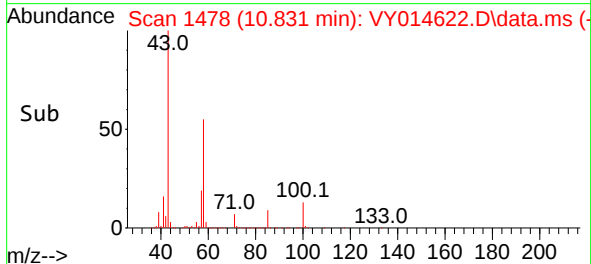
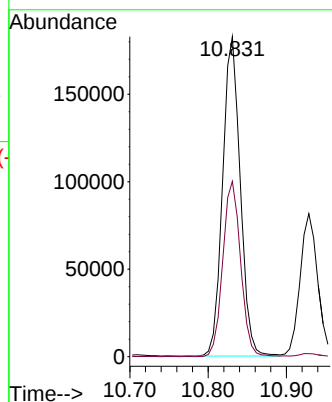
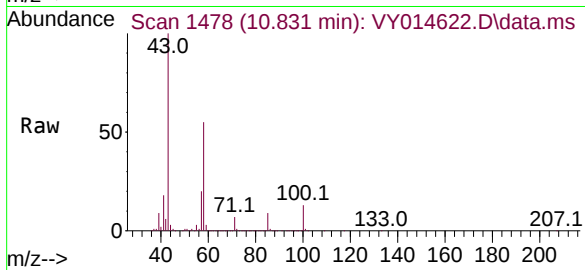




#59
2-Hexanone
Concen: 104.864 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY014622.D
Acq: 13 Jul 2023 09:57

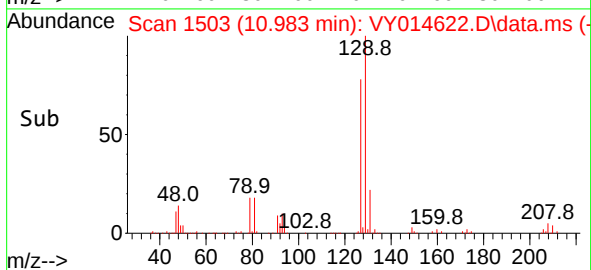
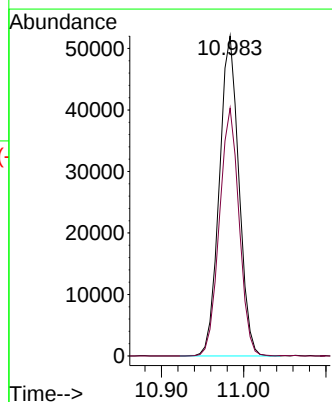
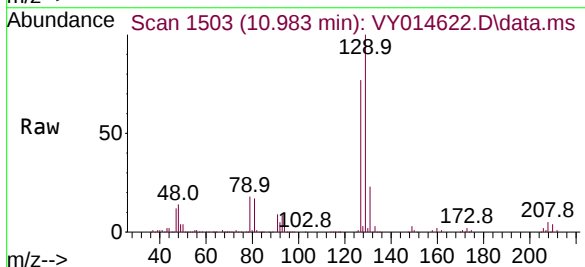
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

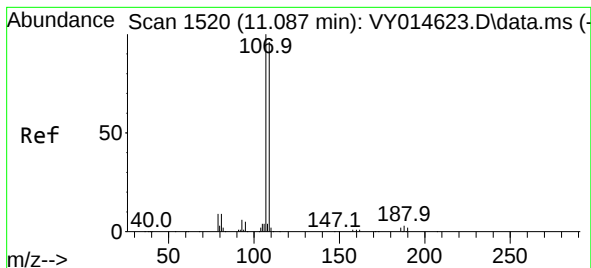
Tgt Ion: 43 Resp: 286444
Ion Ratio Lower Upper
43 100
58 55.5 25.1 75.3



#60
Dibromochloromethane
Concen: 20.578 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY014622.D
Acq: 13 Jul 2023 09:57

Tgt Ion: 129 Resp: 86127
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5

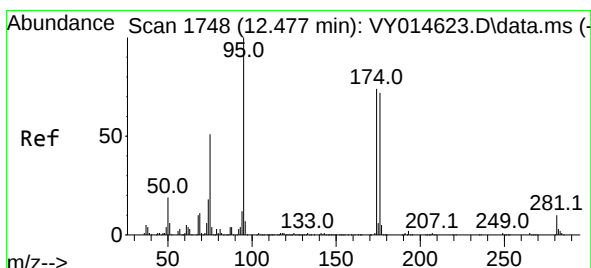
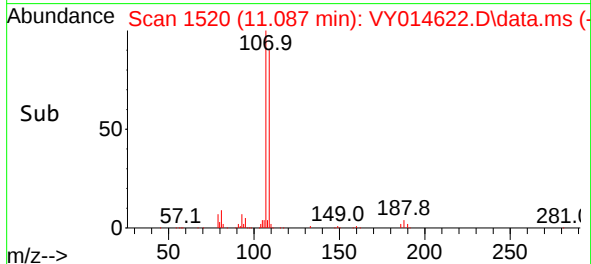
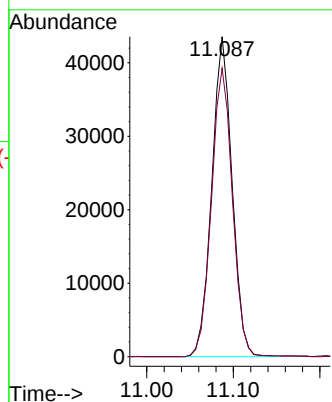
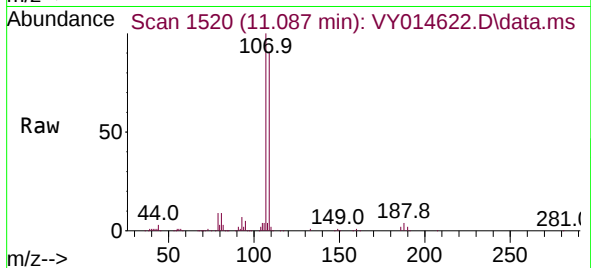




#61
1,2-Dibromoethane
Concen: 20.821 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY014622.D
Acq: 13 Jul 2023 09:57

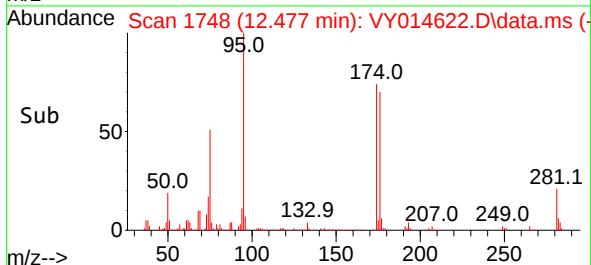
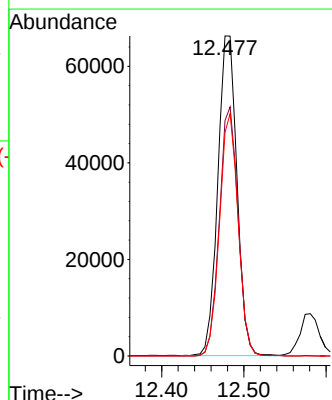
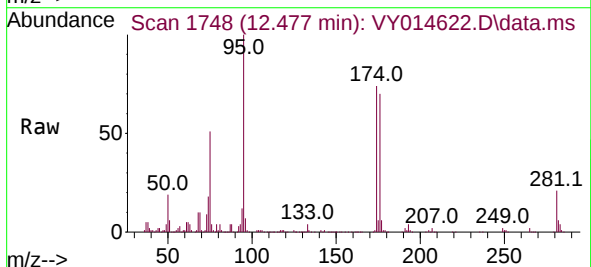
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

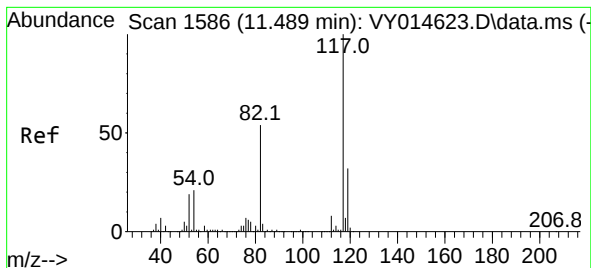
Tgt Ion:107 Resp: 70904
Ion Ratio Lower Upper
107 100
109 93.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 20.848 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014622.D
Acq: 13 Jul 2023 09:57

Tgt Ion: 95 Resp: 107198
Ion Ratio Lower Upper
95 100
174 76.1 0.0 178.2
176 73.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014622.D

Acq: 13 Jul 2023 09:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

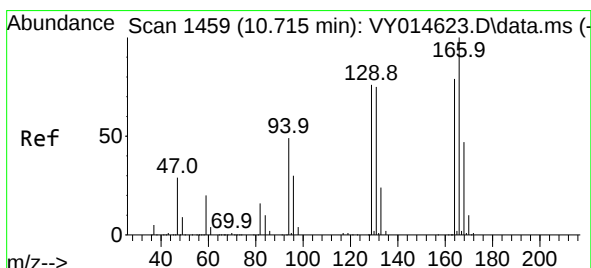
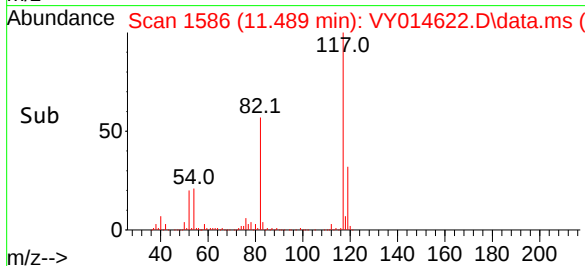
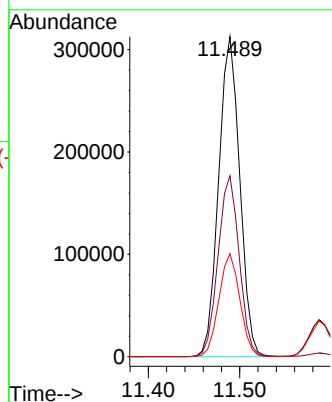
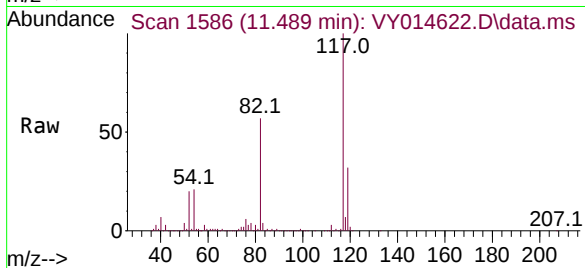
Tgt Ion:117 Resp: 502692

Ion Ratio Lower Upper

117 100

82 56.5 43.4 65.0

119 32.1 26.3 39.5



#64

Tetrachloroethene

Concen: 21.618 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY014622.D

Acq: 13 Jul 2023 09:57

Tgt Ion:164 Resp: 87401

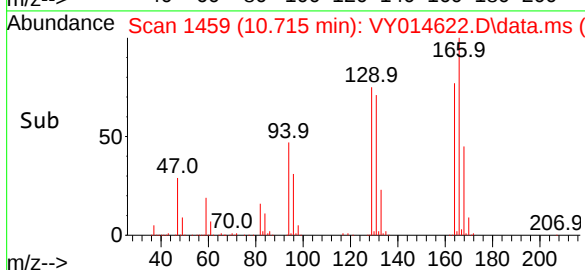
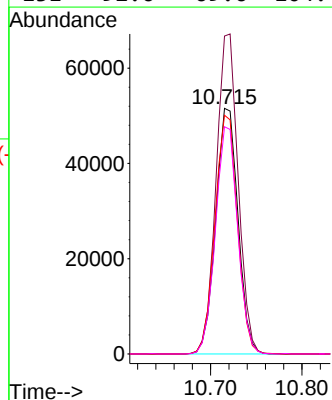
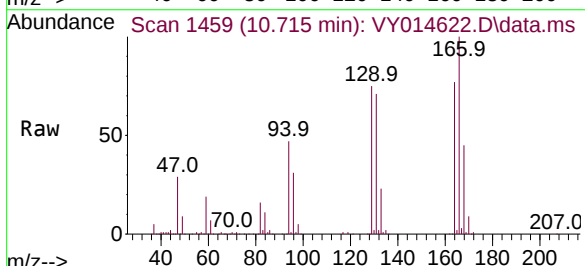
Ion Ratio Lower Upper

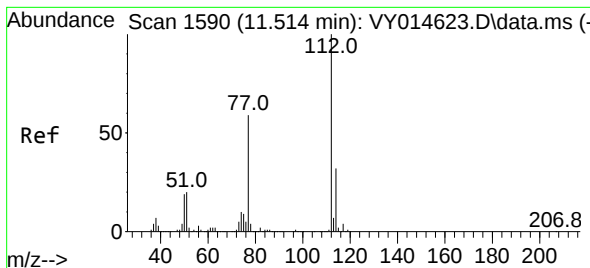
164 100

166 129.5 103.0 154.6

129 97.3 77.2 115.8

131 92.6 69.6 104.4

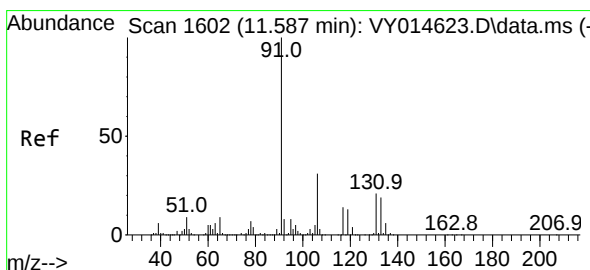
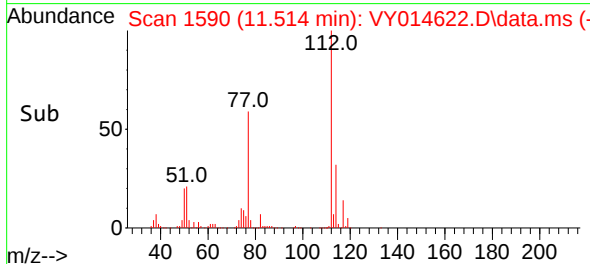
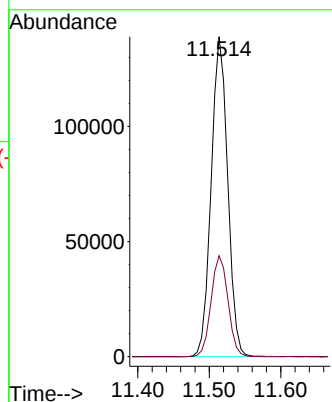
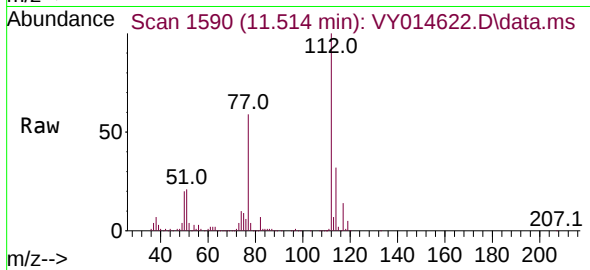




#65
Chlorobenzene
Concen: 20.792 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY014622.D
Acq: 13 Jul 2023 09:57

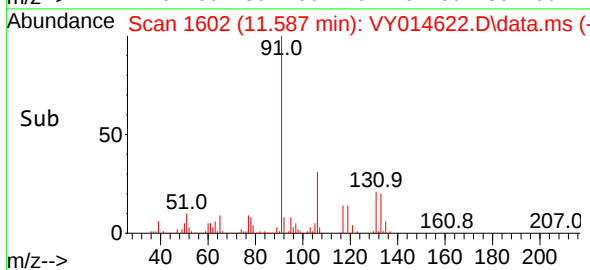
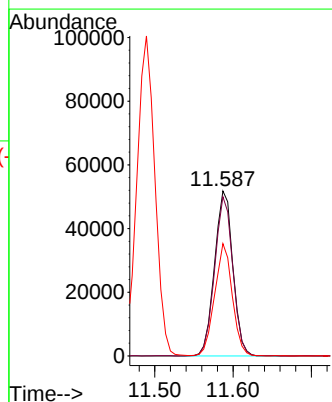
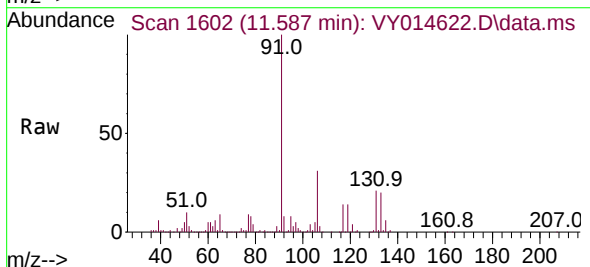
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

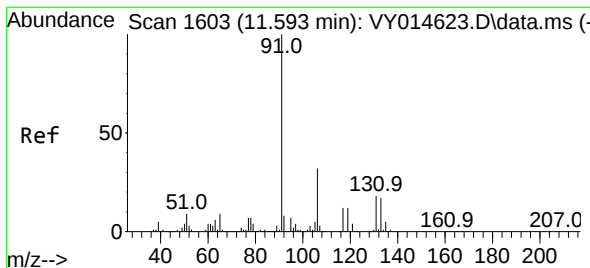
Tgt Ion:112 Resp: 222729
Ion Ratio Lower Upper
112 100
114 31.5 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.913 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY014622.D
Acq: 13 Jul 2023 09:57

Tgt Ion:131 Resp: 84467
Ion Ratio Lower Upper
131 100
133 95.5 47.5 142.6
119 65.4 31.6 94.7

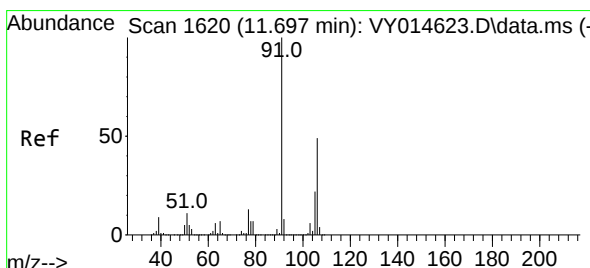
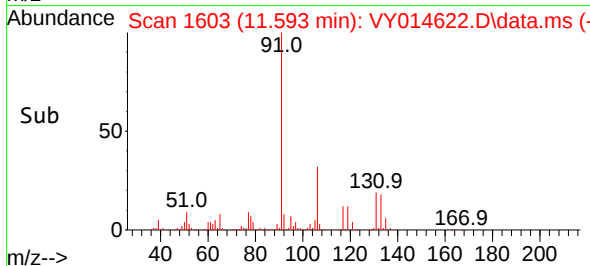
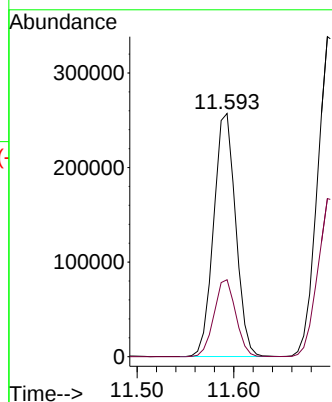
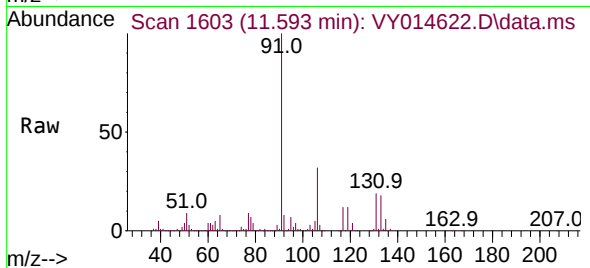




#67
Ethyl Benzene
Concen: 20.970 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY014622.D
Acq: 13 Jul 2023 09:57

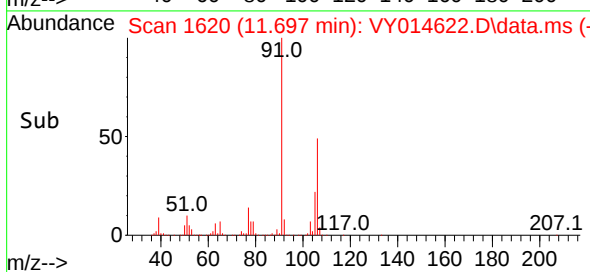
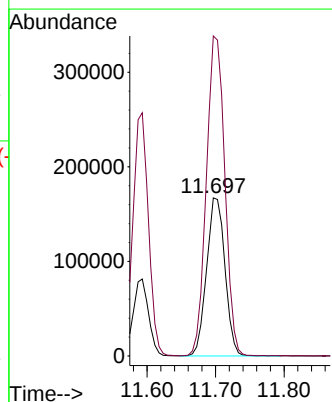
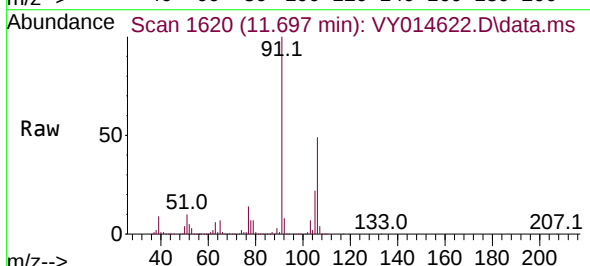
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

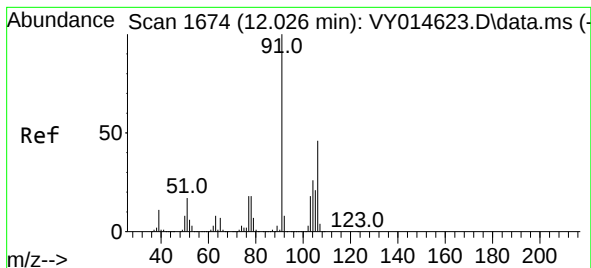
Tgt Ion: 91 Resp: 405580
Ion Ratio Lower Upper
91 100
106 31.6 24.6 36.8



#68
m/p-Xylenes
Concen: 42.218 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY014622.D
Acq: 13 Jul 2023 09:57

Tgt Ion:106 Resp: 311690
Ion Ratio Lower Upper
106 100
91 203.4 166.1 249.1





#69

o-Xylene

Concen: 21.101 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY014622.D

Acq: 13 Jul 2023 09:57

Instrument :

MSVOA_Y

ClientSampleId :

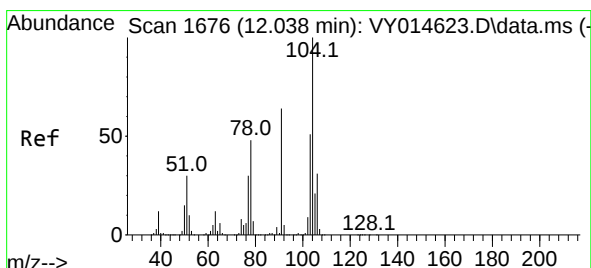
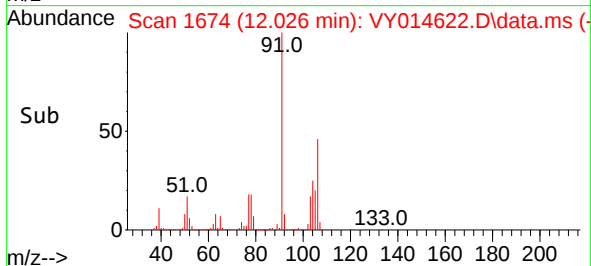
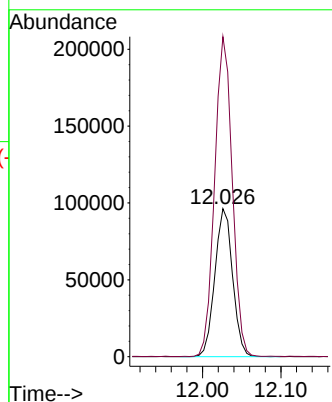
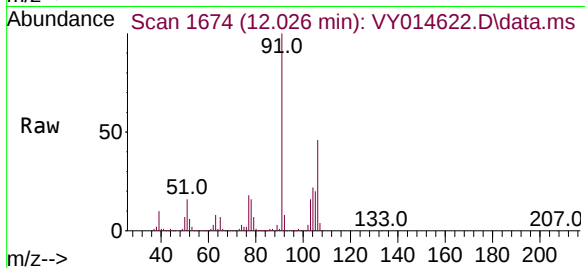
VSTDIC020

Tgt Ion:106 Resp: 151740

Ion Ratio Lower Upper

106 100

91 214.3 108.1 324.3



#70

Styrene

Concen: 21.006 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.006 min

Lab File: VY014622.D

Acq: 13 Jul 2023 09:57

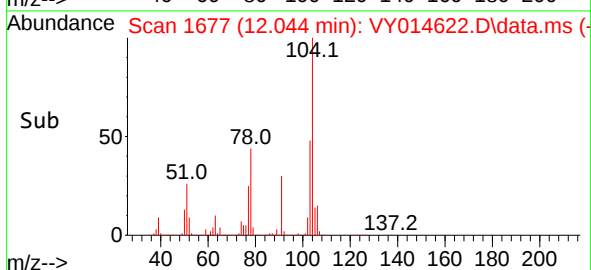
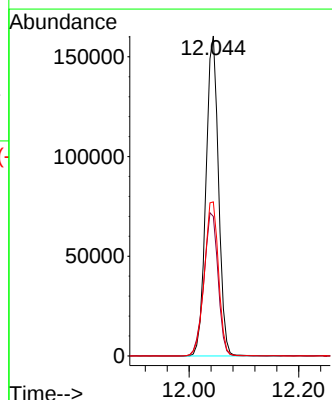
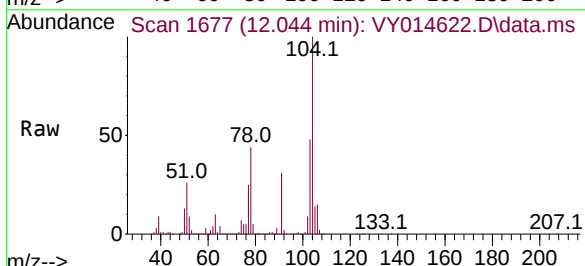
Tgt Ion:104 Resp: 254598

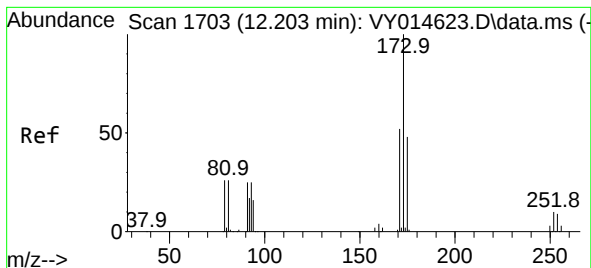
Ion Ratio Lower Upper

104 100

78 50.4 41.5 62.3

103 54.4 44.6 67.0





#71

Bromoform

Concen: 20.752 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VY014622.D

Acq: 13 Jul 2023 09:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

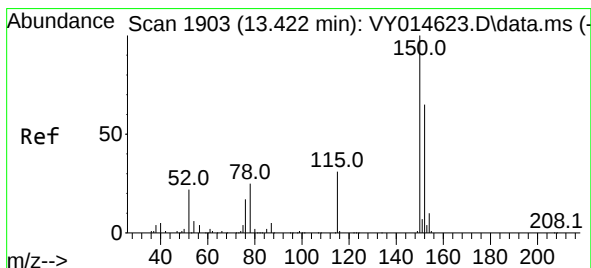
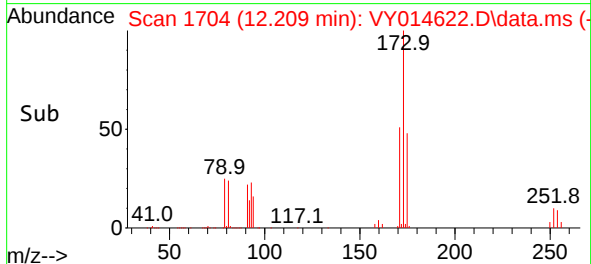
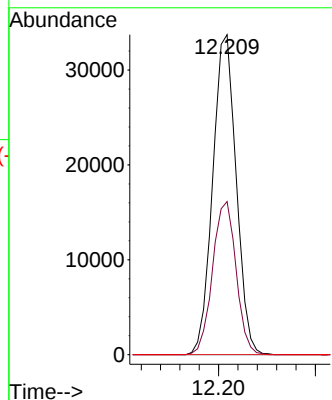
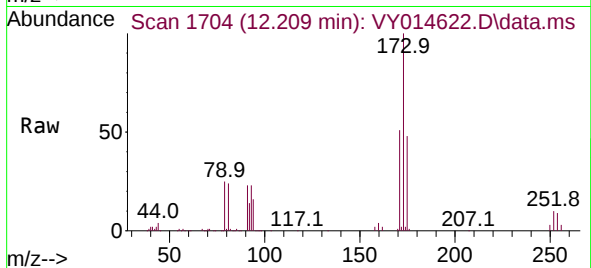
Tgt Ion:173 Resp: 56813

Ion Ratio Lower Upper

173 100

175 47.9 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY014622.D

Acq: 13 Jul 2023 09:57

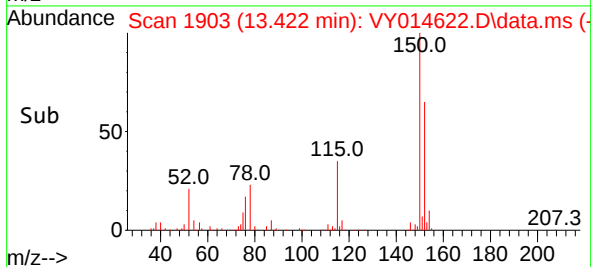
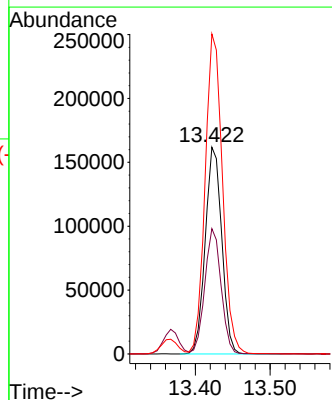
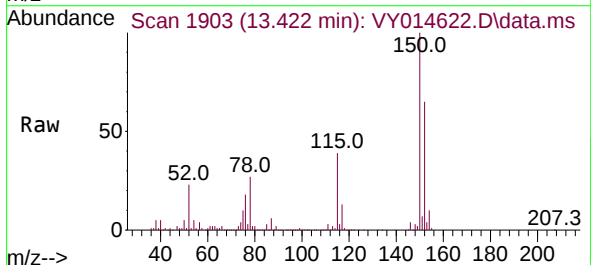
Tgt Ion:152 Resp: 248480

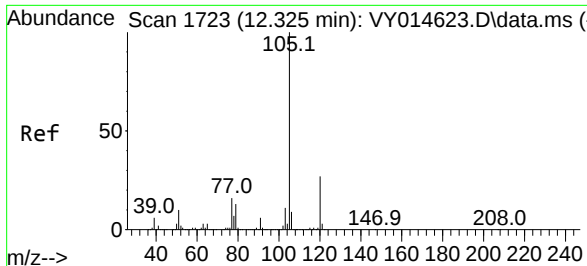
Ion Ratio Lower Upper

152 100

115 59.8 28.8 86.5

150 162.1 0.0 348.8

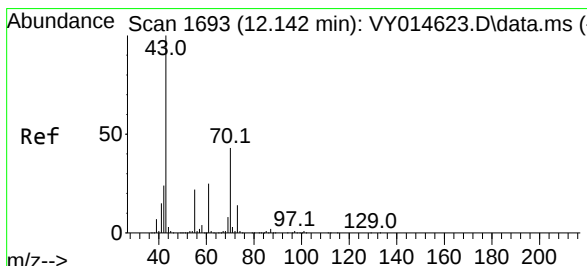
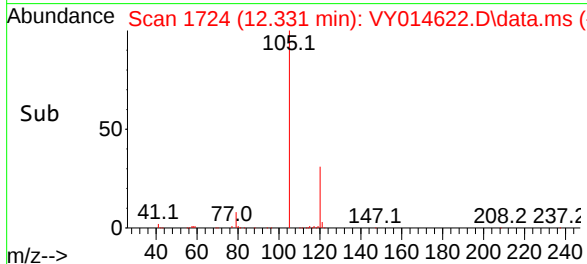
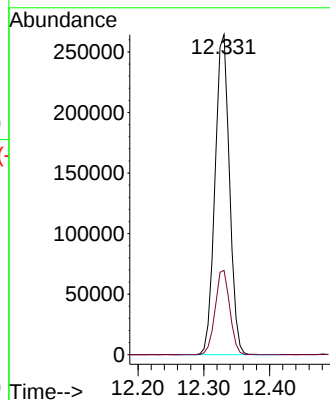
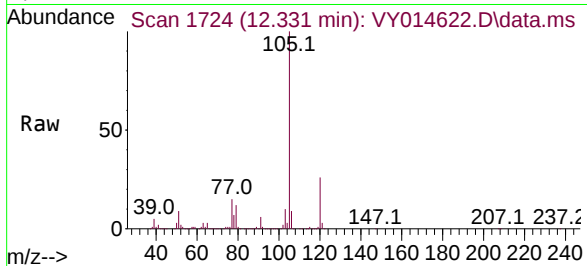




#73
Isopropylbenzene
Concen: 20.815 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY014622.D
Acq: 13 Jul 2023 09:57

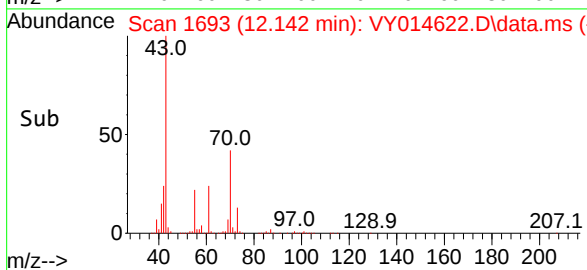
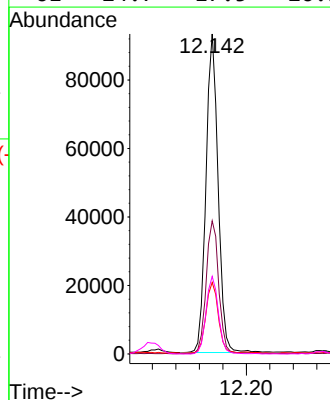
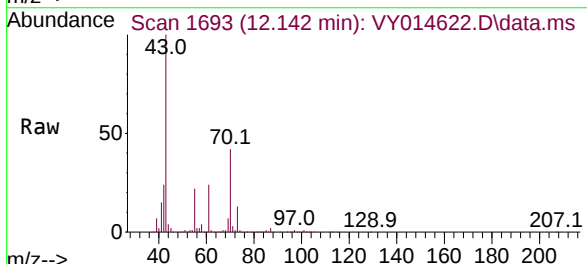
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

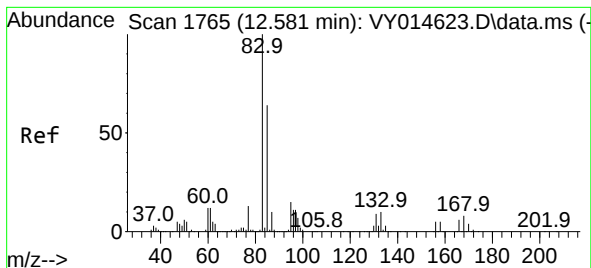
Tgt Ion:105 Resp: 404975
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9



#74
N-ethyl acetate
Concen: 20.437 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY014622.D
Acq: 13 Jul 2023 09:57

Tgt Ion: 43 Resp: 133172
Ion Ratio Lower Upper
43 100
70 43.2 29.7 44.5
55 22.5 18.3 27.5
61 24.7 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 20.040 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY014622.D

Acq: 13 Jul 2023 09:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

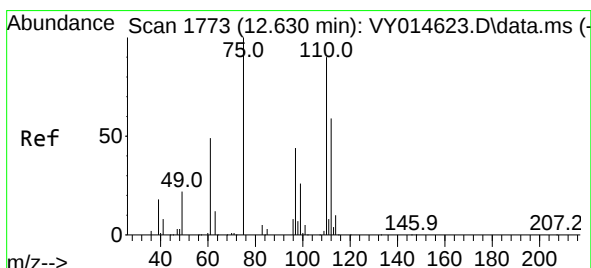
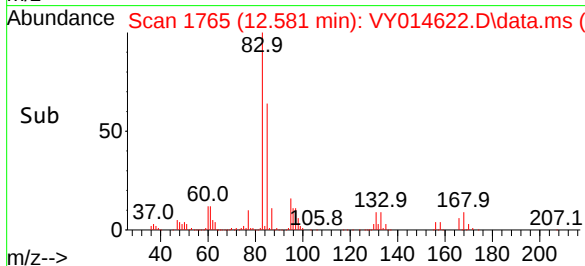
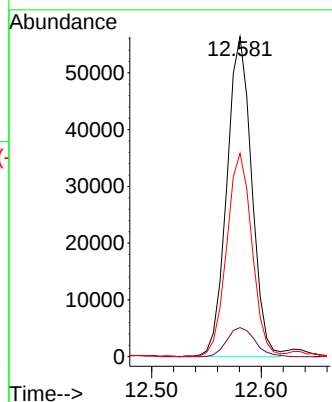
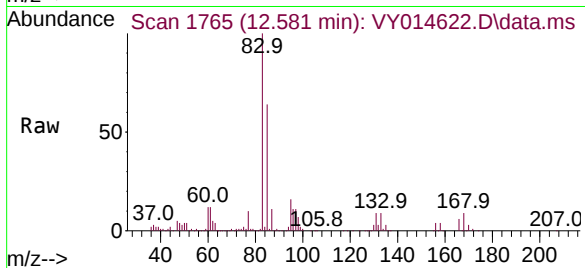
Tgt Ion: 83 Resp: 88914

Ion Ratio Lower Upper

83 100

131 10.3 5.4 16.2

85 64.6 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 37.043 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.001 min

Lab File: VY014622.D

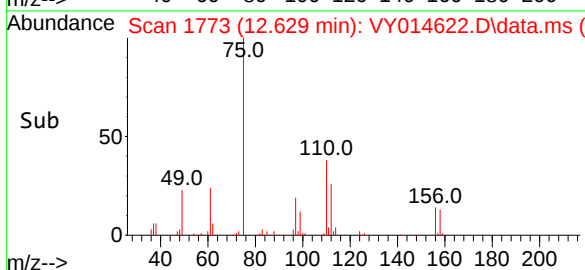
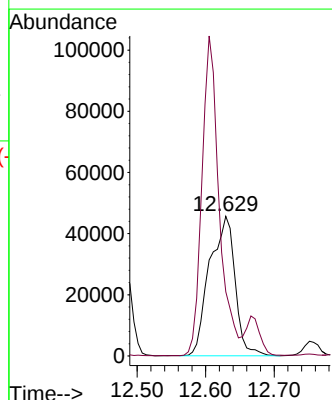
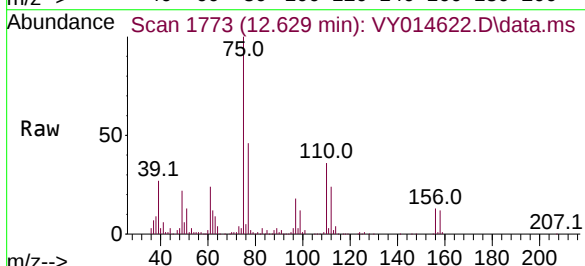
Acq: 13 Jul 2023 09:57

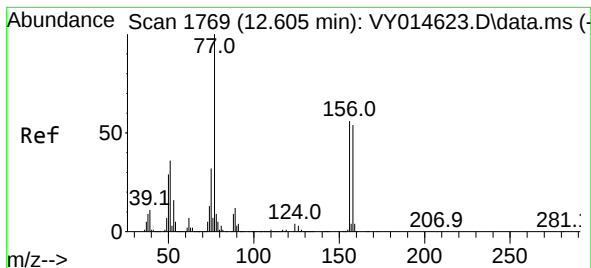
Tgt Ion: 75 Resp: 117792

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.531 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY014622.D

Acq: 13 Jul 2023 09:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

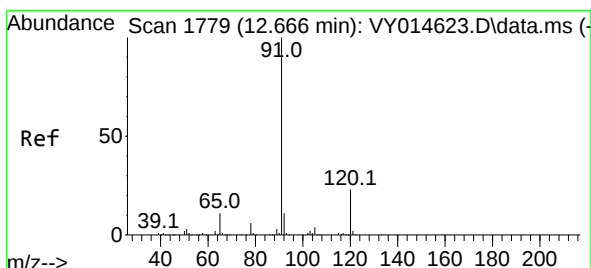
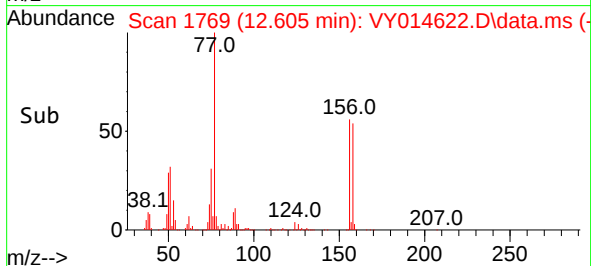
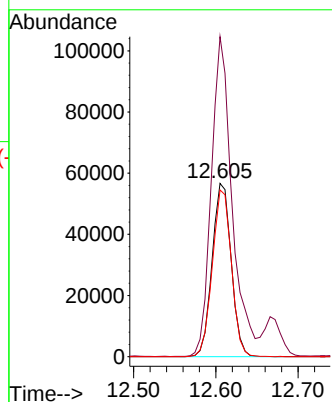
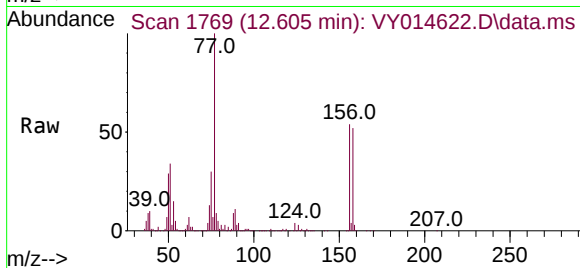
Tgt Ion:156 Resp: 91184

Ion Ratio Lower Upper

156 100

77 200.5 92.8 278.6

158 96.4 48.4 145.3



#78

n-propylbenzene

Concen: 20.837 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY014622.D

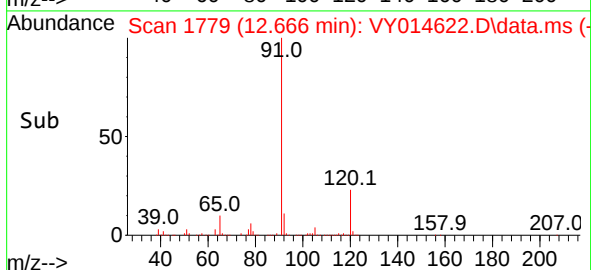
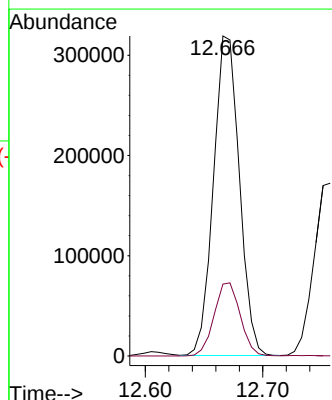
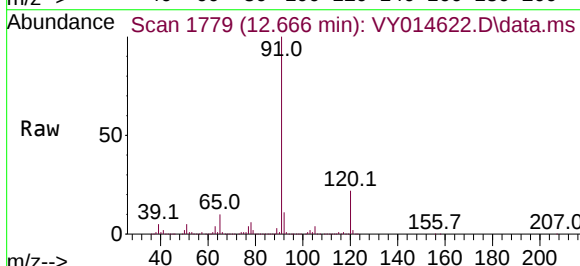
Acq: 13 Jul 2023 09:57

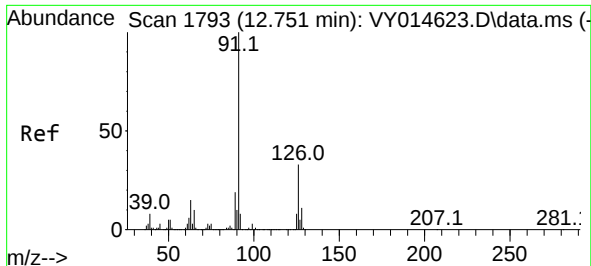
Tgt Ion: 91 Resp: 488521

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 20.414 ug/l

RT: 12.757 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014622.D

Acq: 13 Jul 2023 09:57

Instrument :

MSVOA_Y

ClientSampleId :

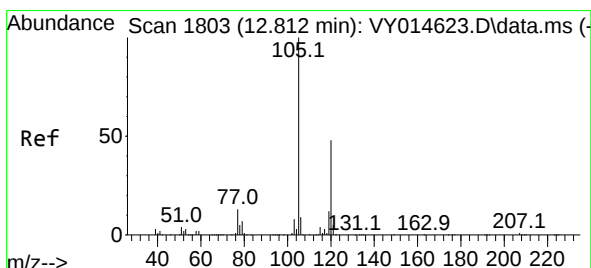
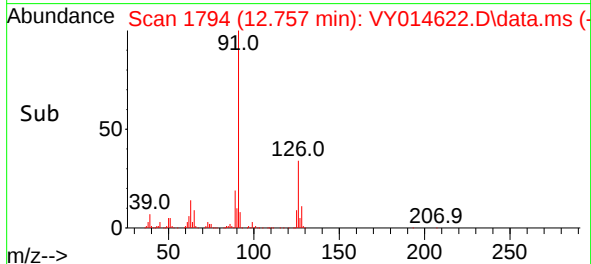
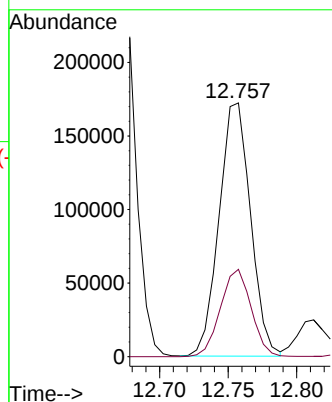
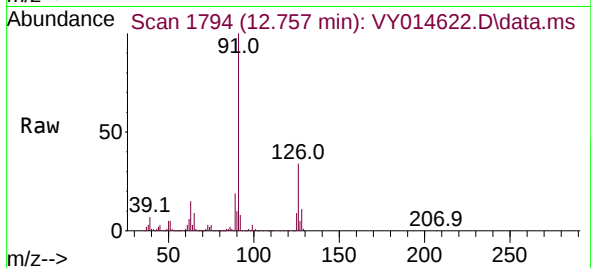
VSTDICC020

Tgt Ion: 91 Resp: 275664

Ion Ratio Lower Upper

91 100

126 33.7 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 20.675 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY014622.D

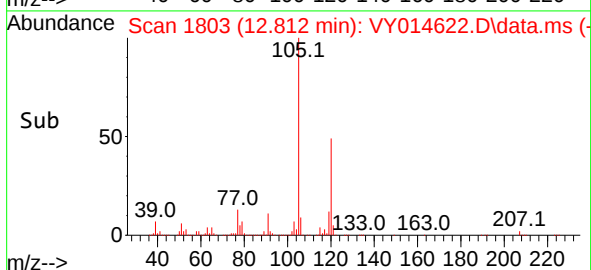
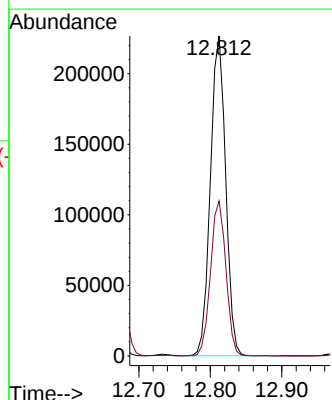
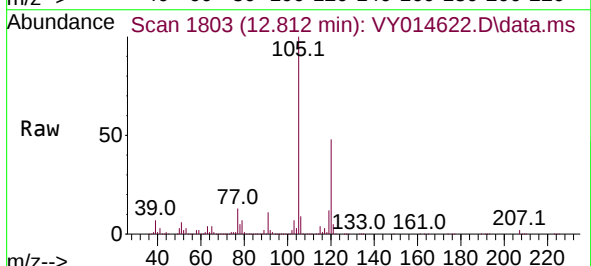
Acq: 13 Jul 2023 09:57

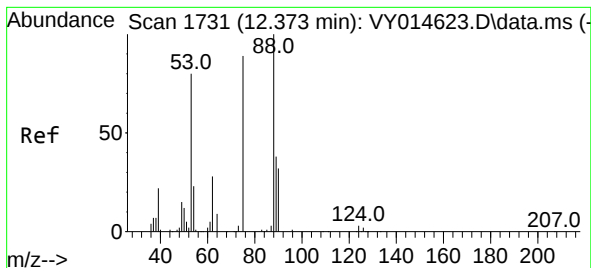
Tgt Ion: 105 Resp: 335943

Ion Ratio Lower Upper

105 100

120 48.9 23.9 71.7

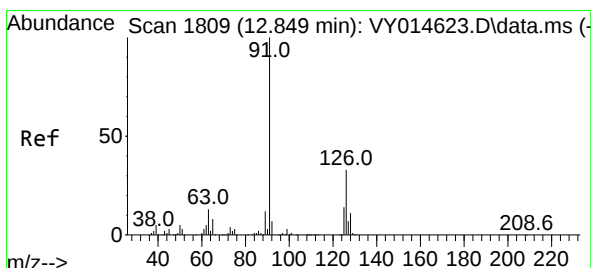
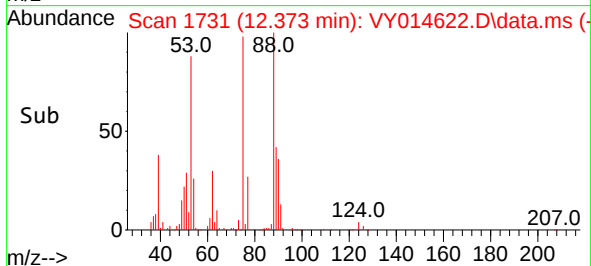
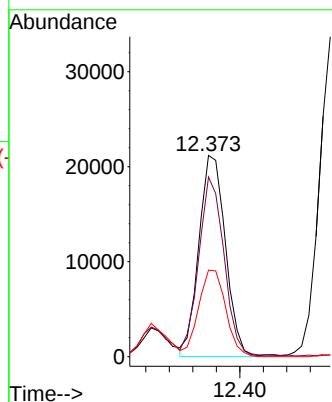
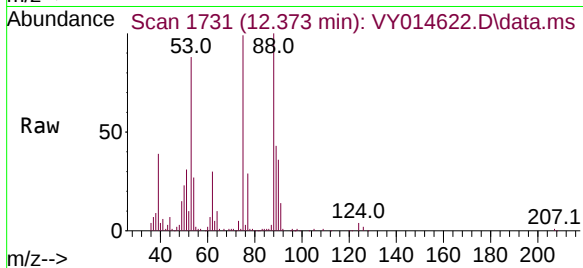




#81
trans-1,4-Dichloro-2-butene
Concen: 20.512 ug/l
RT: 12.373 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014622.D
Acq: 13 Jul 2023 09:57

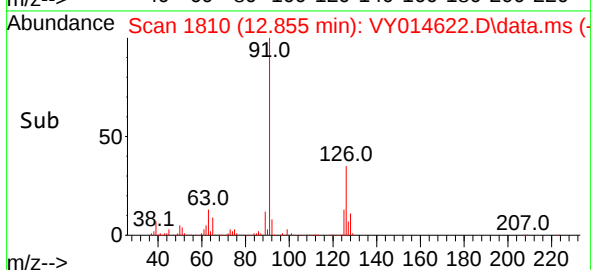
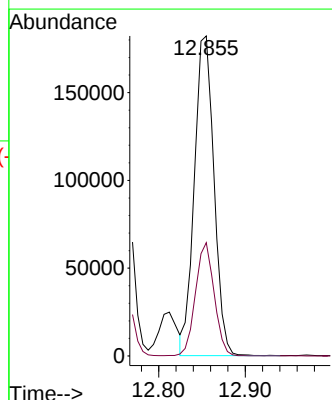
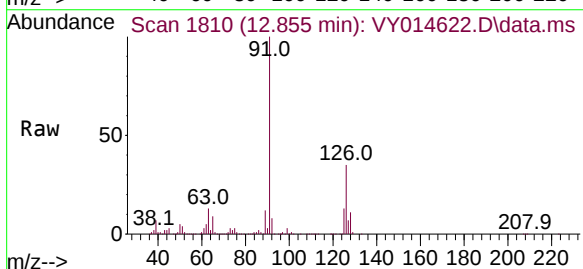
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

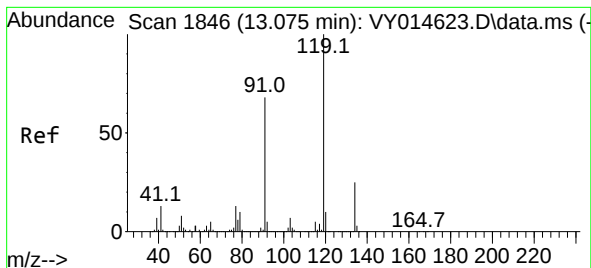
Tgt Ion: 75 Resp: 33247
Ion Ratio Lower Upper
75 100
53 85.1 77.8 116.8
89 44.1 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.631 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY014622.D
Acq: 13 Jul 2023 09:57

Tgt Ion: 91 Resp: 286924
Ion Ratio Lower Upper
91 100
126 33.7 17.2 51.6





#83

tert-Butylbenzene

Concen: 20.635 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. -0.001 min

Lab File: VY014622.D

Acq: 13 Jul 2023 09:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

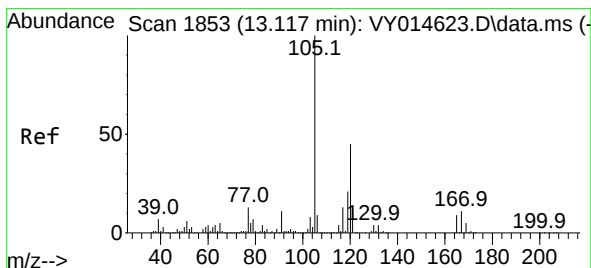
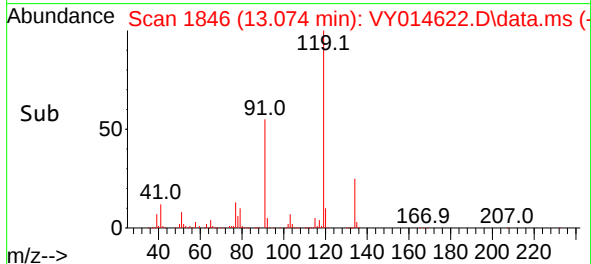
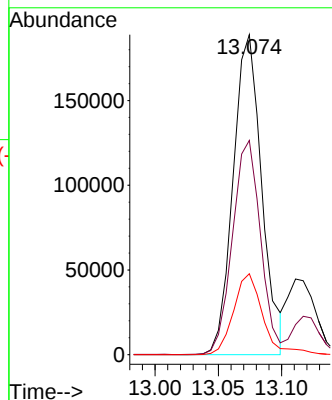
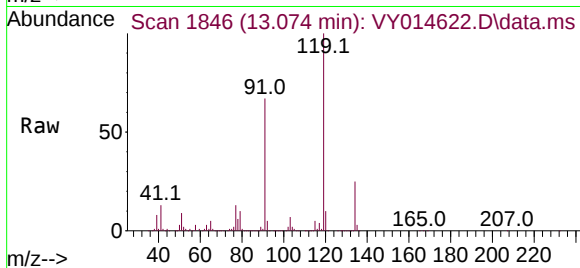
Tgt Ion:119 Resp: 297424

Ion Ratio Lower Upper

119 100

91 65.7 32.9 98.6

134 26.0 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.839 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY014622.D

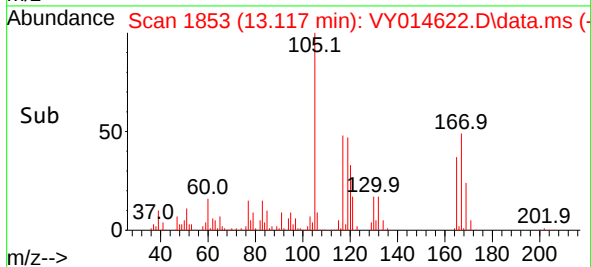
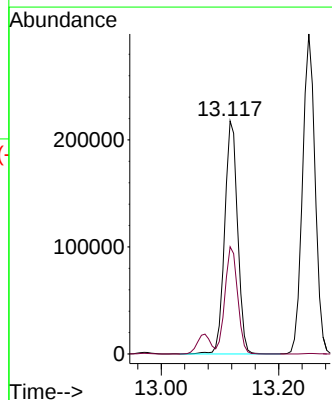
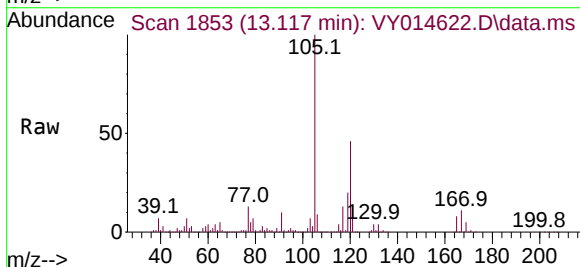
Acq: 13 Jul 2023 09:57

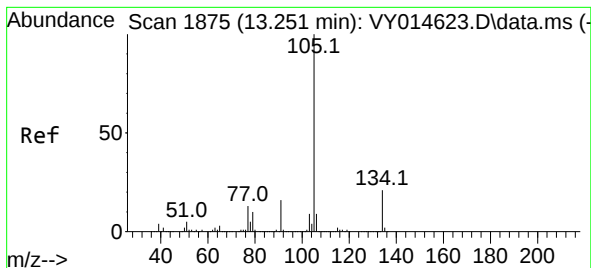
Tgt Ion:105 Resp: 332296

Ion Ratio Lower Upper

105 100

120 44.9 22.2 66.6





#85

sec-Butylbenzene

Concen: 20.946 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY014622.D

Acq: 13 Jul 2023 09:57

Instrument :

MSVOA_Y

ClientSampleId :

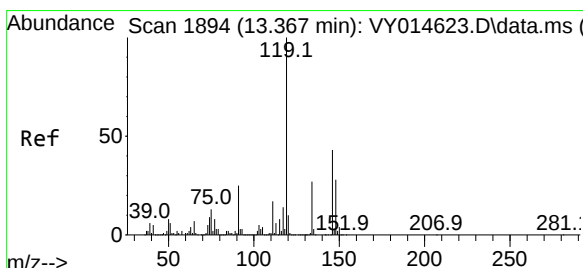
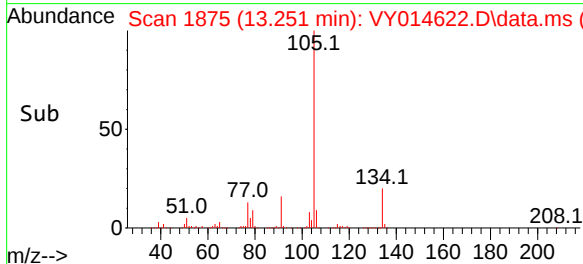
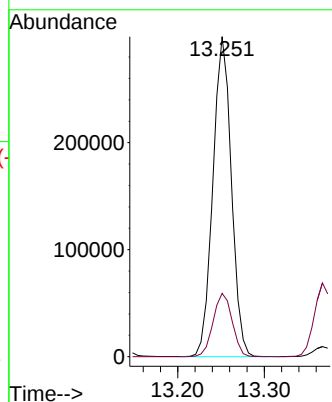
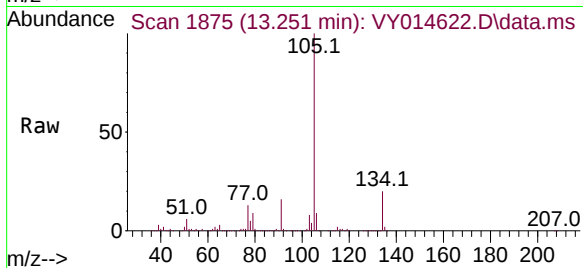
VSTDIC020

Tgt Ion:105 Resp: 442879

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.6



#86

p-Isopropyltoluene

Concen: 20.907 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY014622.D

Acq: 13 Jul 2023 09:57

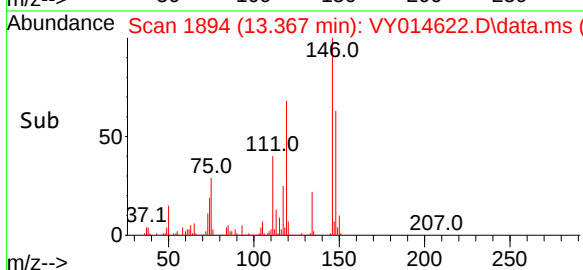
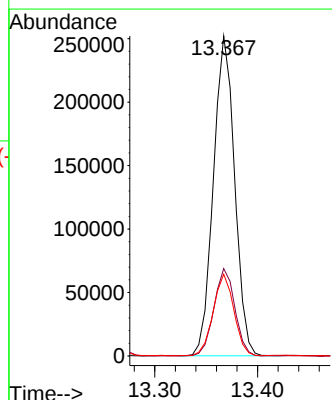
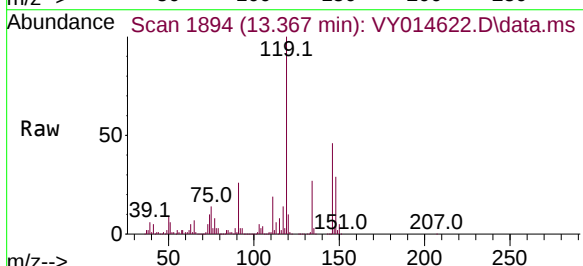
Tgt Ion:119 Resp: 360921

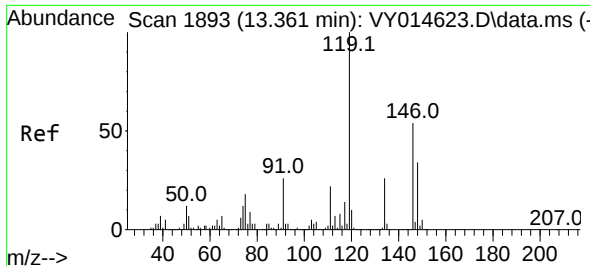
Ion Ratio Lower Upper

119 100

134 27.0 13.3 39.8

91 24.8 12.4 37.4

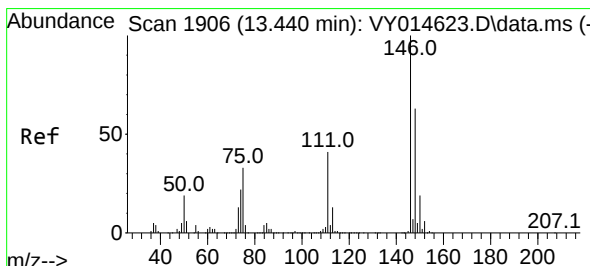
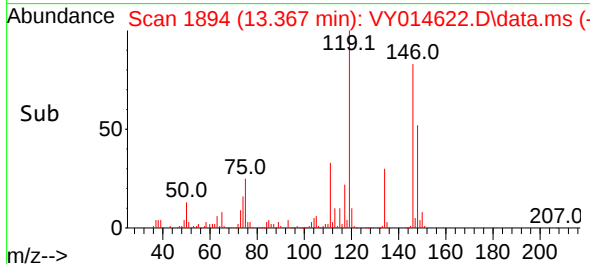
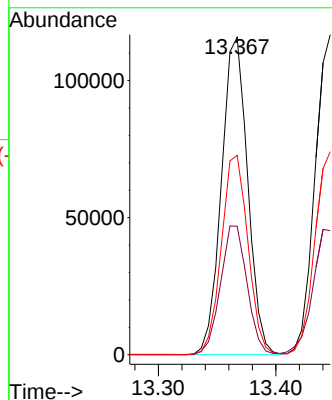
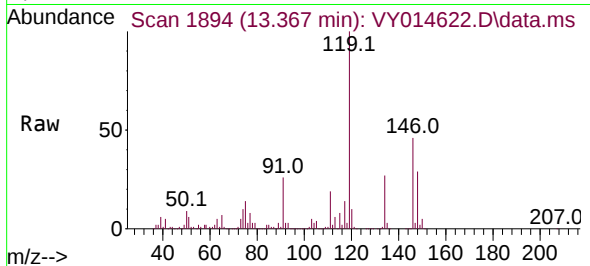




#87
1,3-Dichlorobenzene
Concen: 20.751 ug/l
RT: 13.367 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014622.D
Acq: 13 Jul 2023 09:57

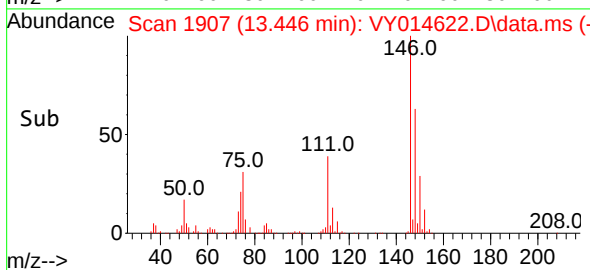
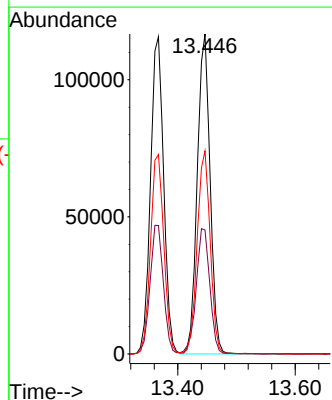
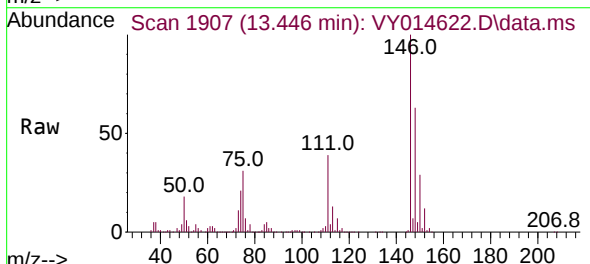
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

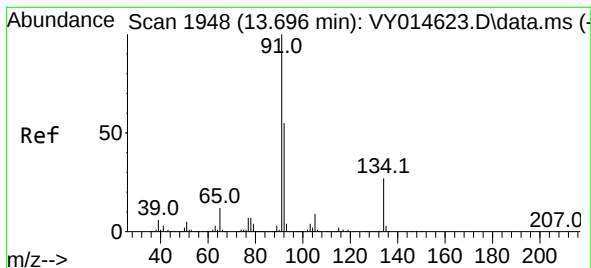
Tgt Ion:146 Resp: 179367
Ion Ratio Lower Upper
146 100
111 41.1 19.4 58.2
148 63.8 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 20.454 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY014622.D
Acq: 13 Jul 2023 09:57

Tgt Ion:146 Resp: 177162
Ion Ratio Lower Upper
146 100
111 41.4 18.9 56.7
148 64.2 32.1 96.5





#89

n-Butylbenzene

Concen: 21.072 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY014622.D

Acq: 13 Jul 2023 09:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

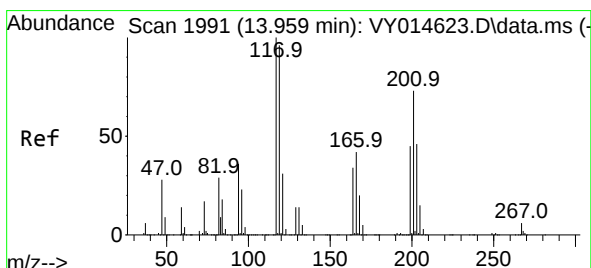
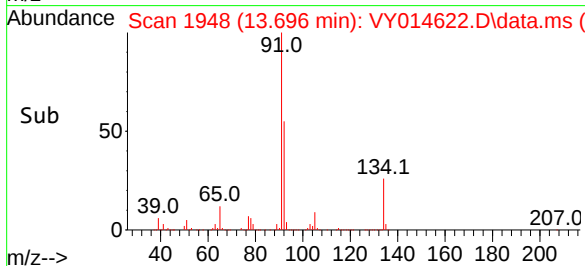
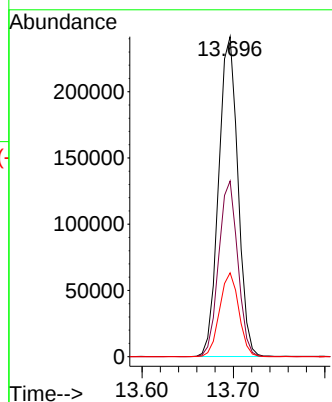
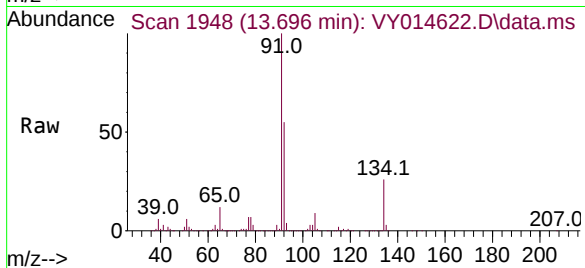
Tgt Ion: 91 Resp: 353913

Ion Ratio Lower Upper

91 100

92 54.4 25.4 76.0

134 26.1 12.6 37.6



#90

Hexachloroethane

Concen: 20.801 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.001 min

Lab File: VY014622.D

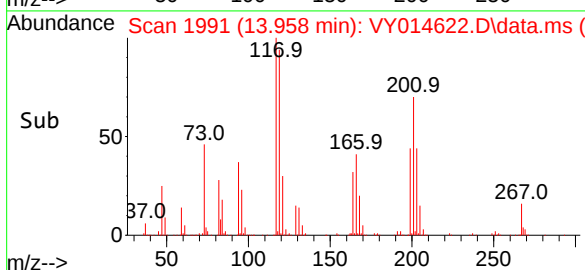
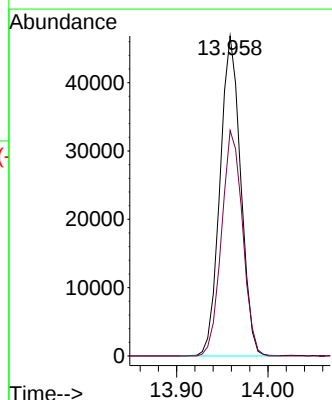
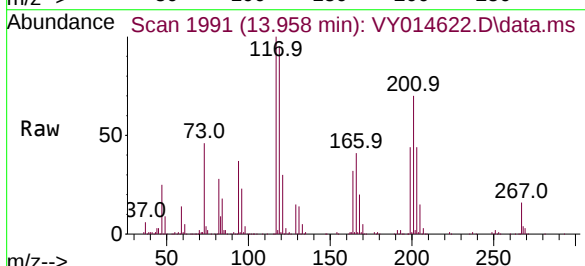
Acq: 13 Jul 2023 09:57

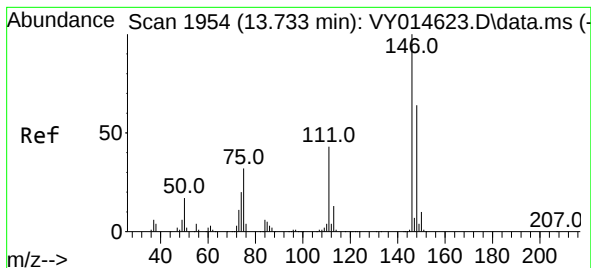
Tgt Ion: 117 Resp: 73758

Ion Ratio Lower Upper

117 100

201 71.6 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 20.399 ug/l

RT: 13.739 min Scan# 1954

Delta R.T. 0.006 min

Lab File: VY014622.D

Acq: 13 Jul 2023 09:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

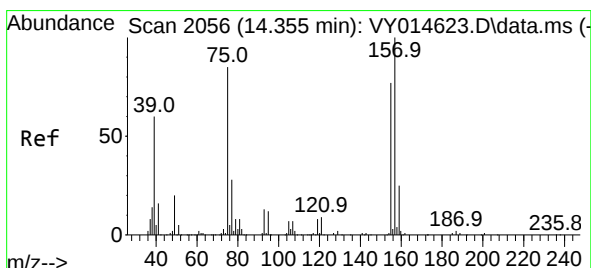
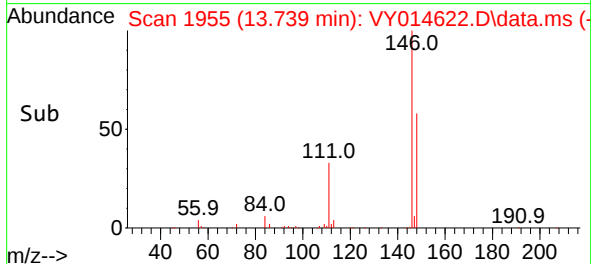
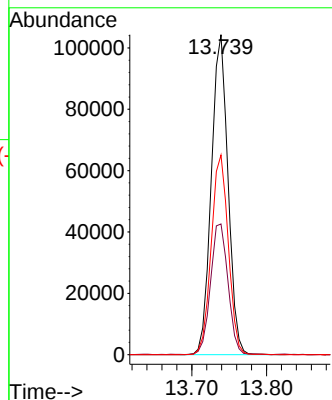
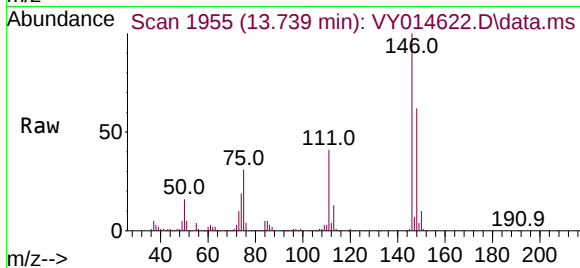
Tgt Ion:146 Resp: 161544

Ion Ratio Lower Upper

146 100

111 42.9 19.7 59.0

148 63.8 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.963 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY014622.D

Acq: 13 Jul 2023 09:57

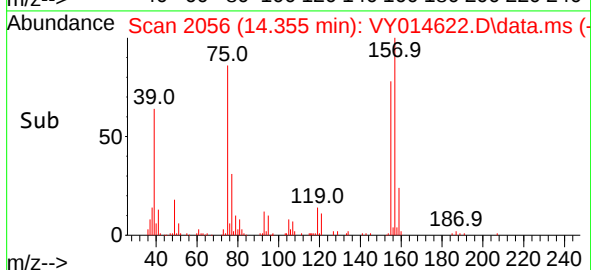
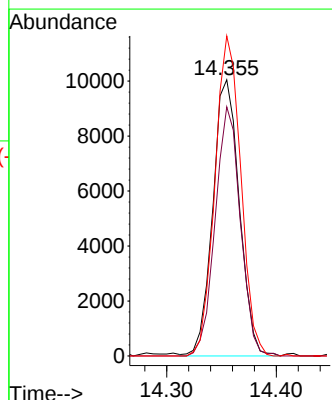
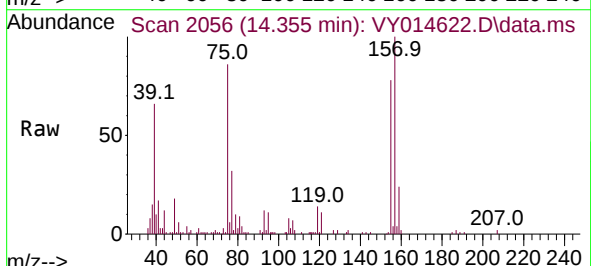
Tgt Ion: 75 Resp: 16939

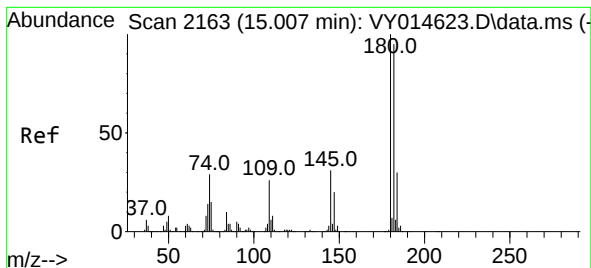
Ion Ratio Lower Upper

75 100

155 85.3 41.5 124.6

157 112.8 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 20.518 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014622.D

Acq: 13 Jul 2023 09:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

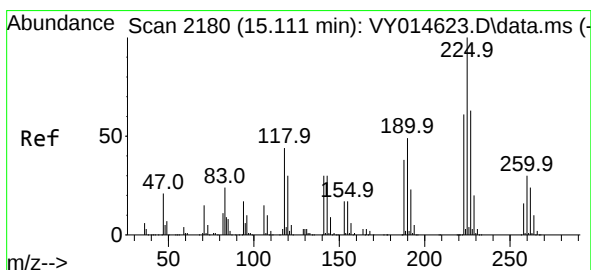
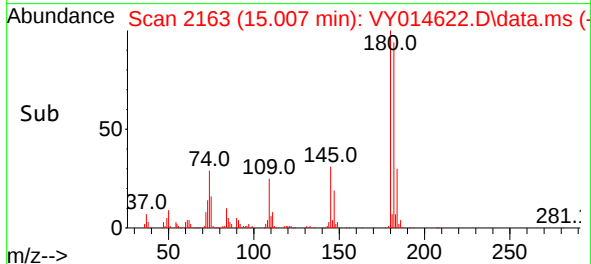
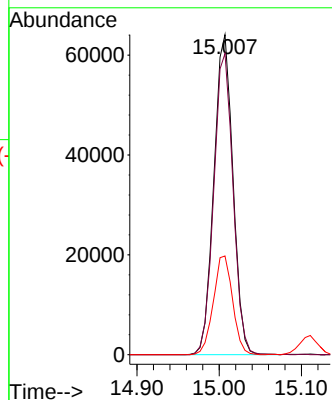
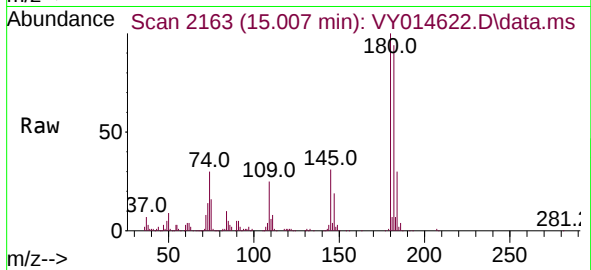
Tgt Ion:180 Resp: 103146

Ion Ratio Lower Upper

180 100

182 95.2 47.0 141.2

145 31.2 14.5 43.5



#94

Hexachlorobutadiene

Concen: 21.221 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014622.D

Acq: 13 Jul 2023 09:57

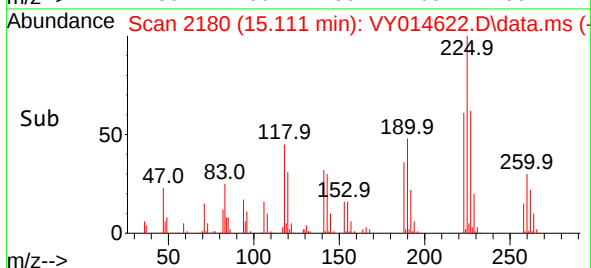
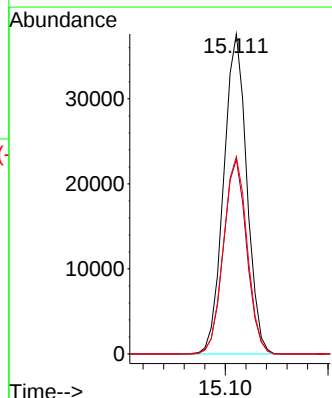
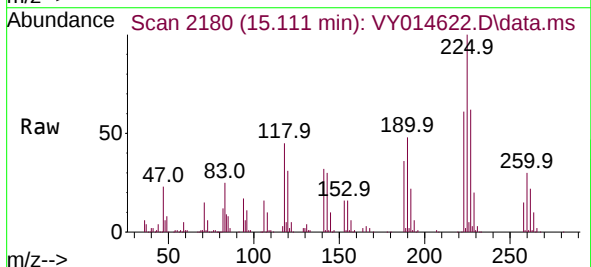
Tgt Ion:225 Resp: 58623

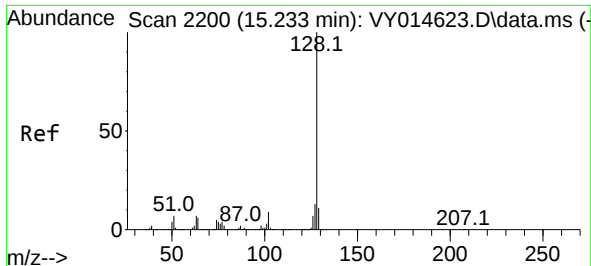
Ion Ratio Lower Upper

225 100

223 61.3 31.9 95.9

227 63.1 33.0 98.9

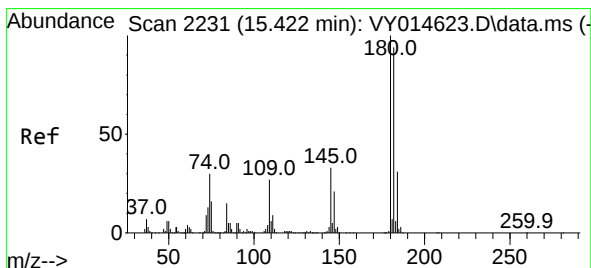
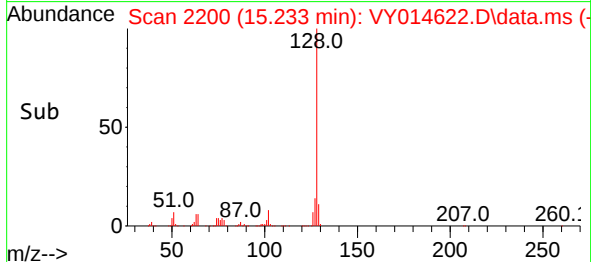
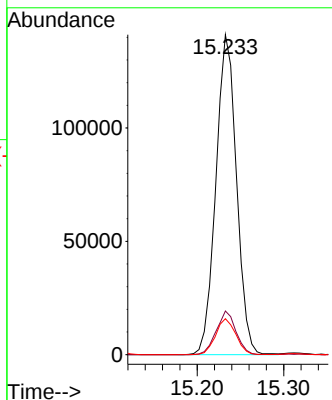
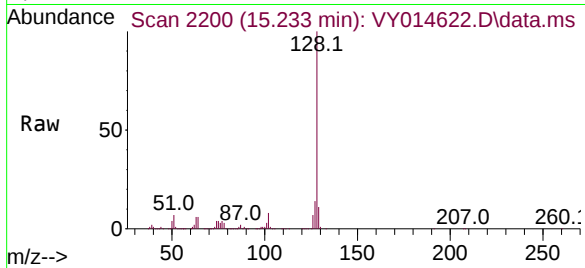




#95
Naphthalene
Concen: 19.956 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY014622.D
Acq: 13 Jul 2023 09:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:	128	Resp:	233720
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.8	16.2
129	11.1	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.197 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY014622.D
Acq: 13 Jul 2023 09:57

Tgt Ion:	180	Resp:	90238
Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.3	141.8
145	33.4	15.4	46.2

