

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052323\
 Data File : VY013832.D
 Acq On : 23 May 2023 12:53
 Operator : KP/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: May 24 05:06:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:01:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	269813	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	412081	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	361332	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	171249	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	293617	94.064	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 188.120%#	
35) Dibromofluoromethane	7.722	113	261828	98.386	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 196.780%#	
50) Toluene-d8	10.185	98	982172	97.105	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 194.220%#	
62) 4-Bromofluorobenzene	12.483	95	327980	97.553	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 195.100%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	284289	115.029	ug/l	97
3) Chloromethane	2.113	50	324818	107.880	ug/l	100
4) Vinyl Chloride	2.253	62	335505	108.962	ug/l	98
5) Bromomethane	2.656	94	258485	105.639	ug/l	99
6) Chloroethane	2.796	64	214900	107.107	ug/l	99
7) Trichlorofluoromethane	3.131	101	542127	104.614	ug/l	100
8) Diethyl Ether	3.534	74	163550	102.895	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.906	101	292131	103.989	ug/l	99
10) Methyl Iodide	4.095	142	403573	121.008	ug/l	100
11) Tert butyl alcohol	4.985	59	116371	486.663	ug/l	99
12) 1,1-Dichloroethene	3.881	96	287027	108.755	ug/l	95
13) Acrolein	3.735	56	165072	458.926	ug/l	98
14) Allyl chloride	4.485	41	528761	109.740	ug/l	99
15) Acrylonitrile	5.168	53	419272	514.461	ug/l	99
16) Acetone	3.954	43	478710	516.714	ug/l	100
17) Carbon Disulfide	4.204	76	924418	117.343	ug/l	100
18) Methyl Acetate	4.491	43	320670	99.769	ug/l	99
19) Methyl tert-butyl Ether	5.229	73	778968	108.153	ug/l	98
20) Methylene Chloride	4.723	84	323528	101.084	ug/l	98
21) trans-1,2-Dichloroethene	5.229	96	316054	110.164	ug/l	98
22) Diisopropyl ether	6.125	45	1008477	108.403	ug/l	99
23) Vinyl Acetate	6.064	43	3031036	559.393	ug/l	99
24) 1,1-Dichloroethane	6.027	63	580100	106.812	ug/l	99
25) 2-Butanone	6.997	43	588346	520.436	ug/l	96
26) 2,2-Dichloropropane	6.990	77	514546	105.179	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	342100	106.147	ug/l	99
28) Bromochloromethane	7.338	49	143247	89.860	ug/l	100
29) Tetrahydrofuran	7.356	42	351132	520.232	ug/l	100
30) Chloroform	7.515	83	564418	102.506	ug/l	98
31) Cyclohexane	7.789	56	501699	104.610	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	528313	105.175	ug/l	99
36) 1,1-Dichloropropene	7.923	75	443788	109.485	ug/l	100
37) Ethyl Acetate	7.082	43	252218	102.008	ug/l	99
38) Carbon Tetrachloride	7.905	117	482128	104.591	ug/l	99
39) Methylcyclohexane	9.191	83	539090	113.564	ug/l	99
40) Benzene	8.167	78	1238444	106.375	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	146550	108.631	ug/l	90
42) 1,2-Dichloroethane	8.240	62	393396	103.204	ug/l	99
43) Isopropyl Acetate	8.277	43	470330	104.387	ug/l	99
44) Trichloroethene	8.947	130	330450	105.354	ug/l	100
45) 1,2-Dichloropropane	9.222	63	309937	103.921	ug/l	99
46) Dibromomethane	9.307	93	177398	103.859	ug/l	99
47) Bromodichloromethane	9.502	83	433929	104.246	ug/l	98
48) Methyl methacrylate	9.295	41	230198	108.803	ug/l	100
49) 1,4-Dioxane	9.307	88	41068	2045.821	ug/l #	100
51) 4-Methyl-2-Pentanone	10.075	43	1252900	521.795	ug/l	99
52) Toluene	10.246	92	768921	108.321	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	455798	107.572	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	508936	107.216	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	237424	103.321	ug/l	98
56) Ethyl methacrylate	10.514	69	337326	109.969	ug/l	99
57) 1,3-Dichloropropane	10.795	76	405819	103.695	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	456037	465.934	ug/l	100
59) 2-Hexanone	10.837	43	902772	528.567	ug/l	99
60) Dibromochloromethane	10.990	129	300343	103.324	ug/l	100
61) 1,2-Dibromoethane	11.093	107	228253	104.415	ug/l	99
64) Tetrachloroethene	10.721	164	282164	105.541	ug/l	98
65) Chlorobenzene	11.520	112	790220	104.346	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	303002	103.666	ug/l	100
67) Ethyl Benzene	11.593	91	1491968	109.476	ug/l	100
68) m/p-Xylenes	11.703	106	1124215	217.977	ug/l	99
69) o-Xylene	12.032	106	525866	108.244	ug/l	100
70) Styrene	12.044	104	888782	108.002	ug/l	98
71) Bromoform	12.209	173	196246	102.727	ug/l #	97
73) Isopropylbenzene	12.331	105	1397398	109.635	ug/l	100
74) N-amyl acetate	12.142	43	420627	109.763	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	272690	103.349	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	370519	183.493	ug/l #	100
77) Bromobenzene	12.611	156	329689	105.417	ug/l	99
78) n-propylbenzene	12.672	91	1712661	108.765	ug/l	100
79) 2-Chlorotoluene	12.758	91	947510	107.727	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	1131578	107.553	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	101259	108.853	ug/l	98
82) 4-Chlorotoluene	12.855	91	959931	105.593	ug/l	98
83) tert-Butylbenzene	13.075	119	981532	107.114	ug/l	100
84) 1,2,4-Trimethylbenzene	13.124	105	1125826	109.011	ug/l	100
85) sec-Butylbenzene	13.252	105	1459229	107.201	ug/l	99
86) p-Isopropyltoluene	13.367	119	1207029	107.286	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	618953	102.468	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	621674	103.376	ug/l	99
89) n-Butylbenzene	13.697	91	1175072	108.915	ug/l	99
90) Hexachloroethane	13.959	117	237746	102.923	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	551171	102.673	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	47934	103.693	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	357944	107.556	ug/l	99
94) Hexachlorobutadiene	15.111	225	213640	101.813	ug/l	99
95) Naphthalene	15.233	128	731102	95.480	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	312969	105.749	ug/l	99

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Instrument :
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ClientSampleId :
VSTDICC100

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QLast Update : Wed May 24 05:01:28 2023
Response via : Initial Calibration

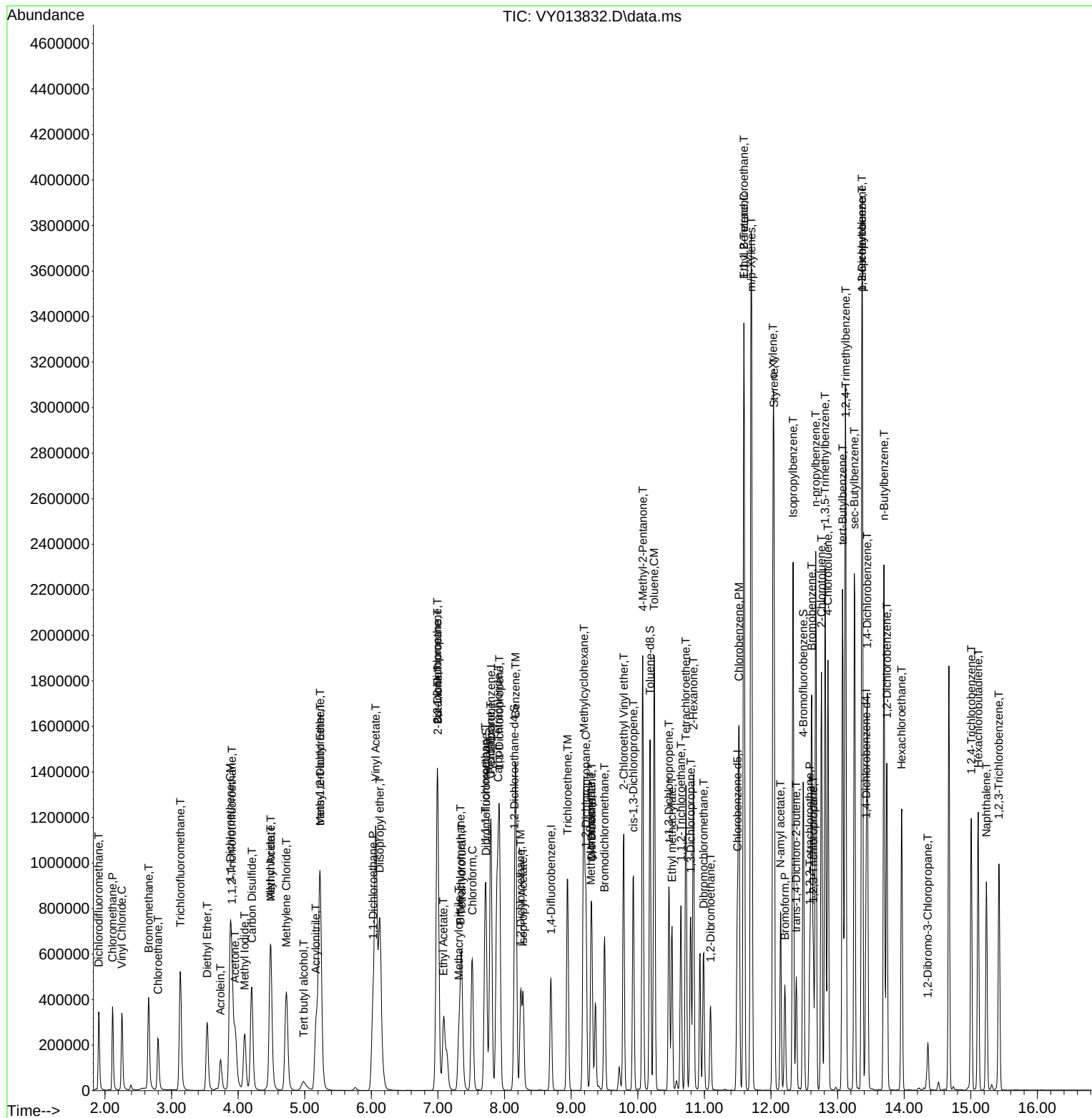
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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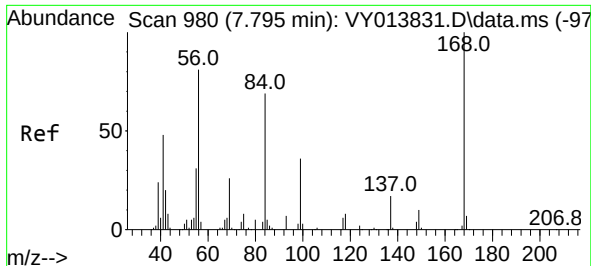
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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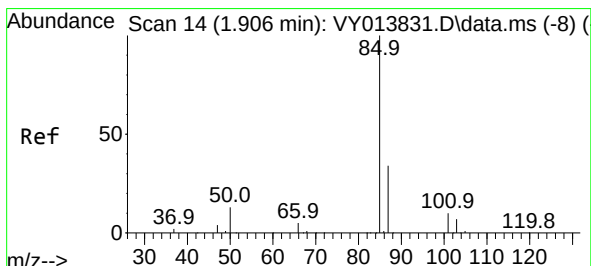
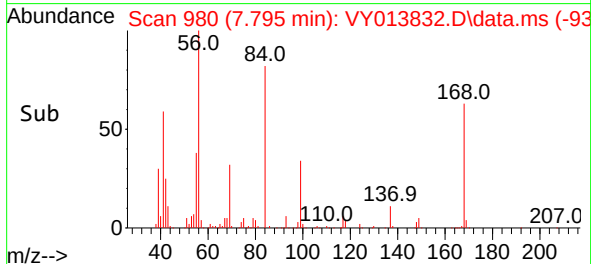
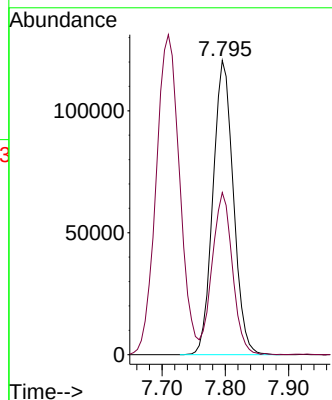
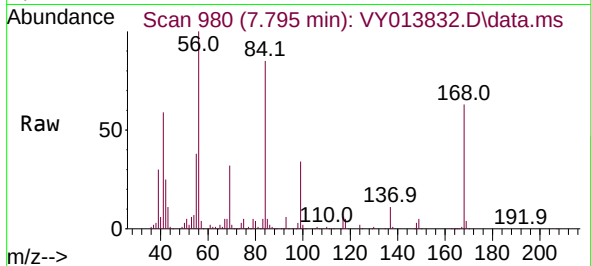




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY013832.D
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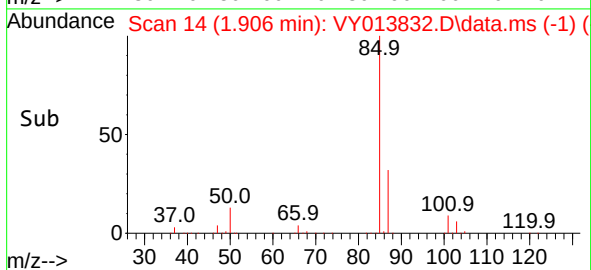
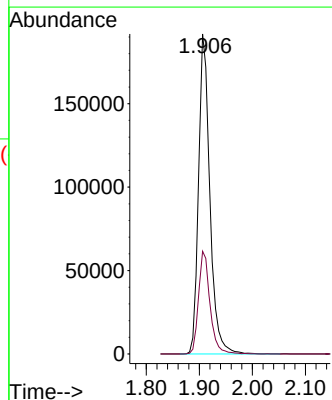
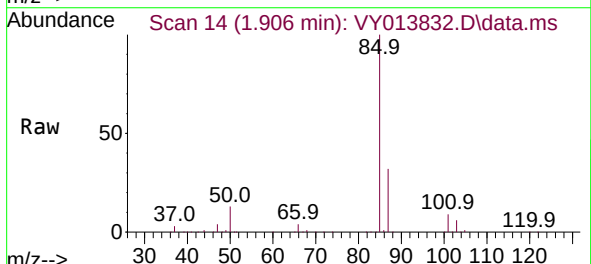
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

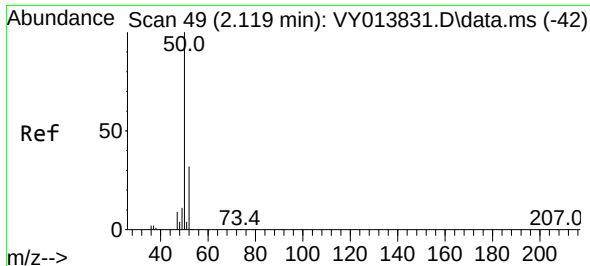
Tgt Ion:168 Resp: 269813
Ion Ratio Lower Upper
168 100
99 55.0 43.4 65.2



#2
Dichlorodifluoromethane
Concen: 115.029 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY013832.D
Acq: 23 May 2023 12:53

Tgt Ion: 85 Resp: 284289
Ion Ratio Lower Upper
85 100
87 32.1 16.9 50.7

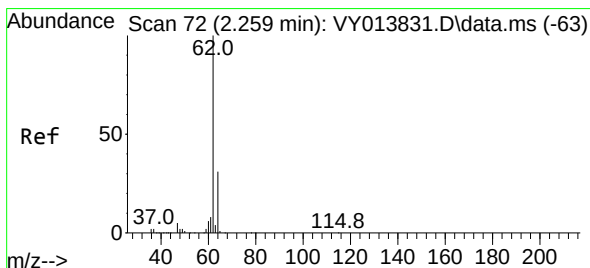
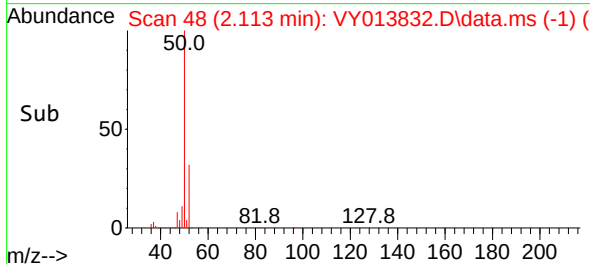
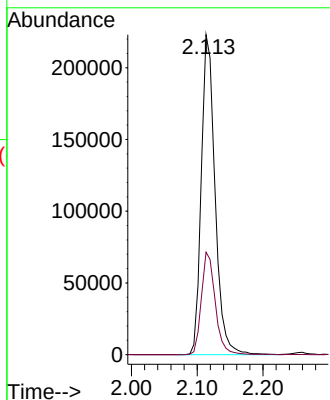
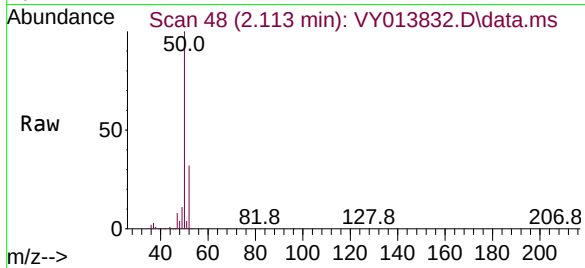




#3
Chloromethane
Concen: 107.880 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013832.D
Acq: 23 May 2023 12:53

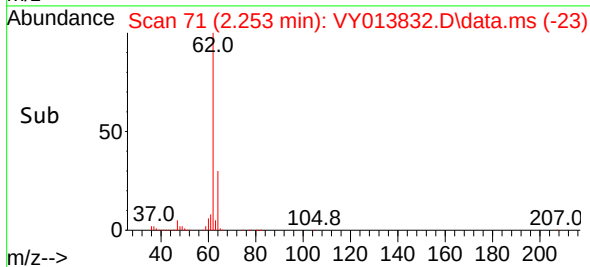
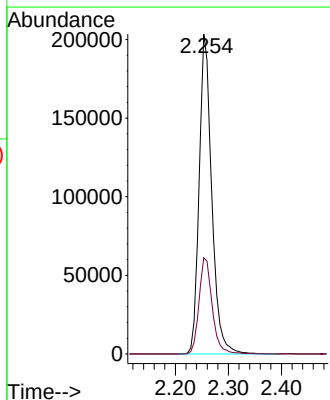
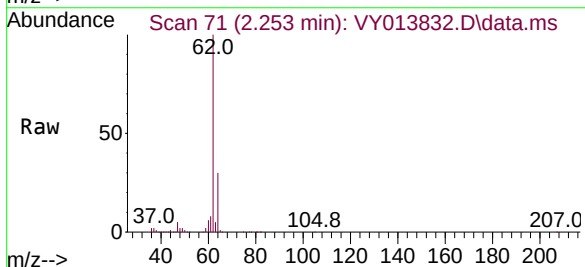
Instrument :
MSVOA_Y
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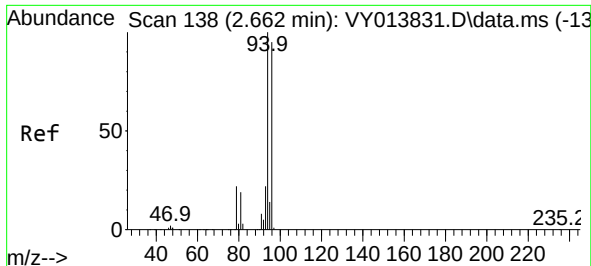
Tgt Ion: 50 Resp: 324818
Ion Ratio Lower Upper
50 100
52 32.0 25.7 38.5



#4
Vinyl Chloride
Concen: 108.962 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY013832.D
Acq: 23 May 2023 12:53

Tgt Ion: 62 Resp: 335505
Ion Ratio Lower Upper
62 100
64 30.1 24.8 37.2

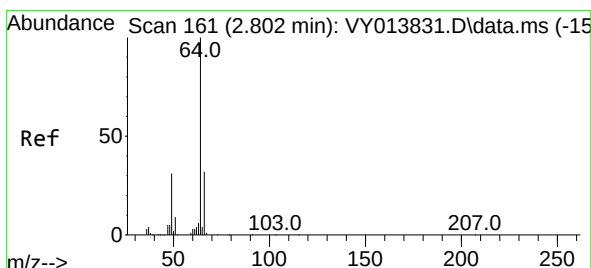
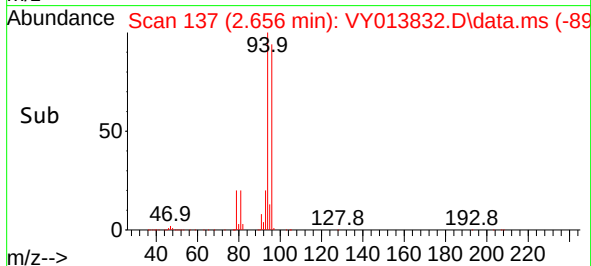
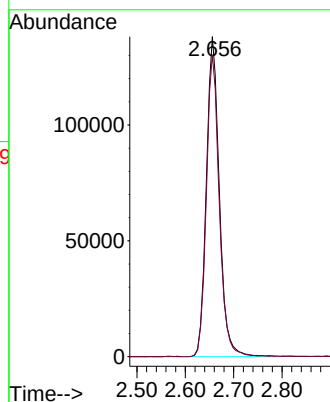
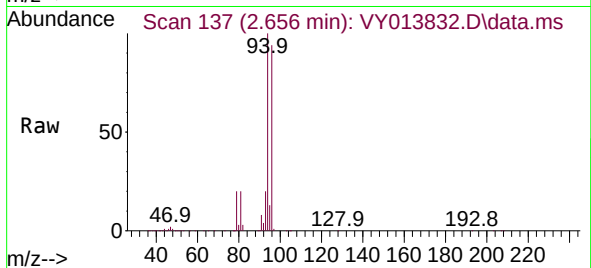




#5
Bromomethane
Concen: 105.639 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013832.D
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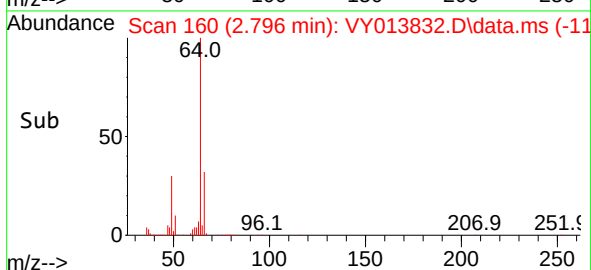
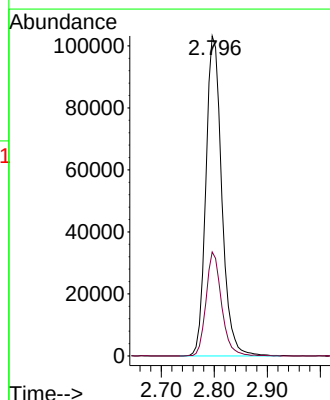
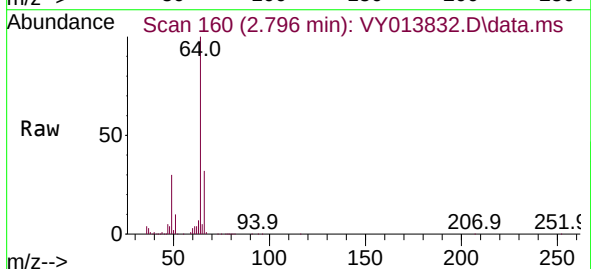
Instrument :
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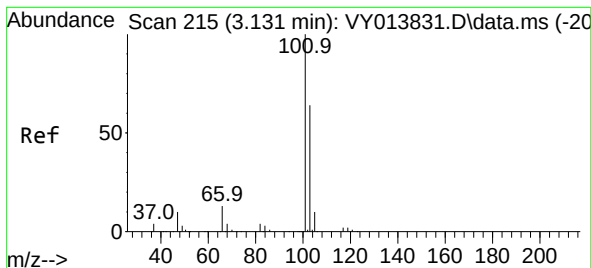
Tgt Ion: 94 Resp: 258485
Ion Ratio Lower Upper
94 100
96 94.3 76.2 114.2



#6
Chloroethane
Concen: 107.107 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.006 min
Lab File: VY013832.D
Acq: 23 May 2023 12:53

Tgt Ion: 64 Resp: 214900
Ion Ratio Lower Upper
64 100
66 32.5 25.7 38.5





#7

Trichlorofluoromethane

Concen: 104.614 ug/l

RT: 3.131 min Scan# 215

Delta R.T. 0.000 min

Lab File: VY013832.D

Acq: 23 May 2023 12:53

Instrument :

MSVOA_Y

ClientSampleId :

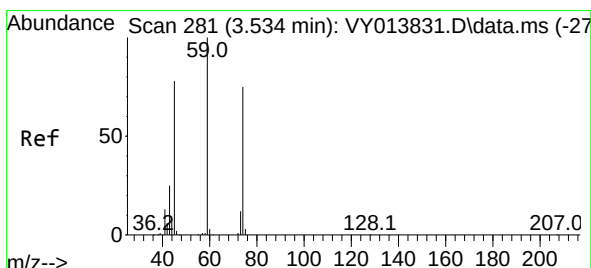
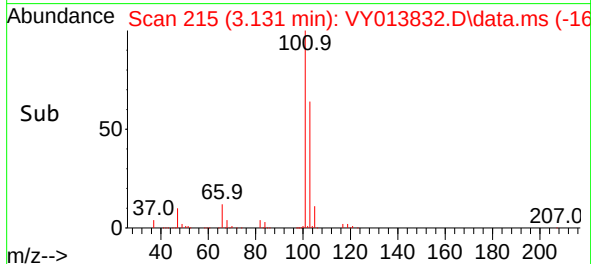
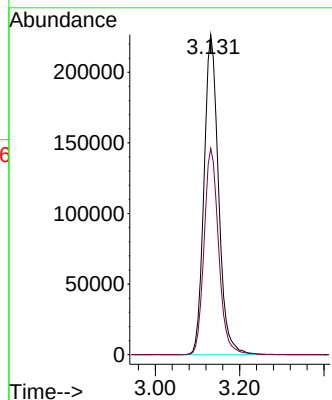
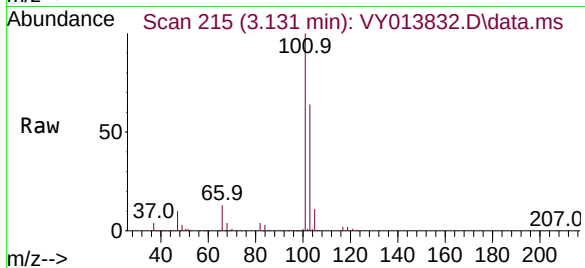
VSTDIC100

Tgt Ion:101 Resp: 542127

Ion Ratio Lower Upper

101 100

103 64.4 51.3 76.9



#8

Diethyl Ether

Concen: 102.895 ug/l

RT: 3.534 min Scan# 281

Delta R.T. 0.000 min

Lab File: VY013832.D

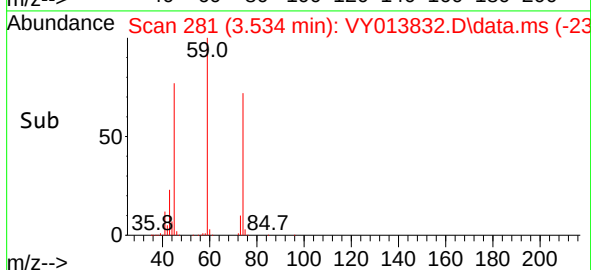
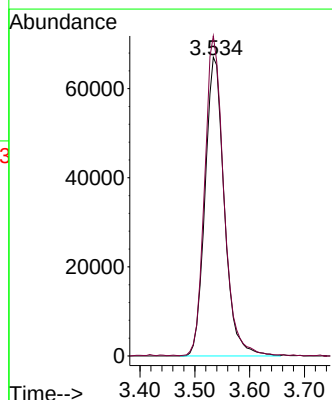
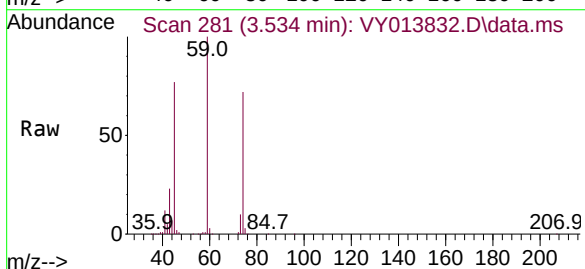
Acq: 23 May 2023 12:53

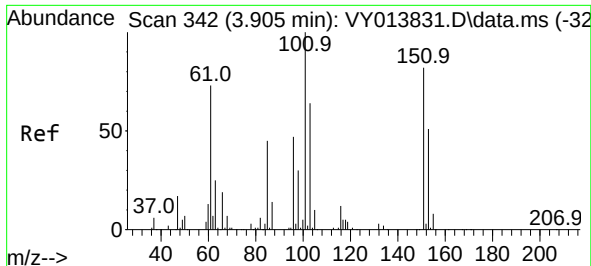
Tgt Ion: 74 Resp: 163550

Ion Ratio Lower Upper

74 100

45 106.3 51.8 155.5

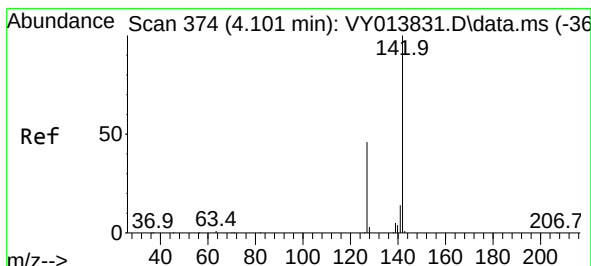
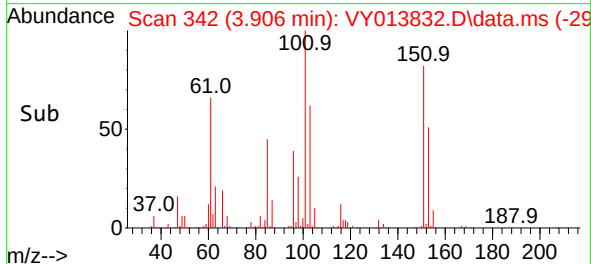
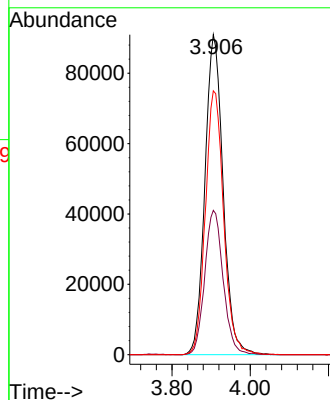
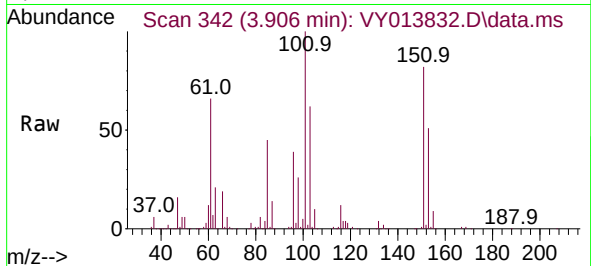




#9
1,1,2-Trichlorotrifluoroethane
Concen: 103.989 ug/l
RT: 3.906 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY013832.D
Acq: 23 May 2023 12:53

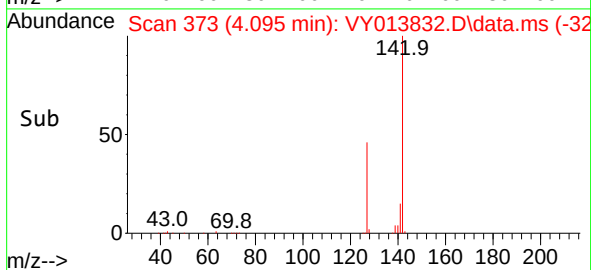
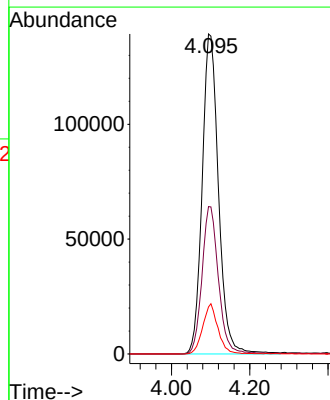
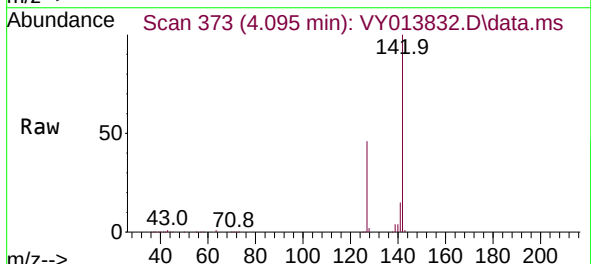
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

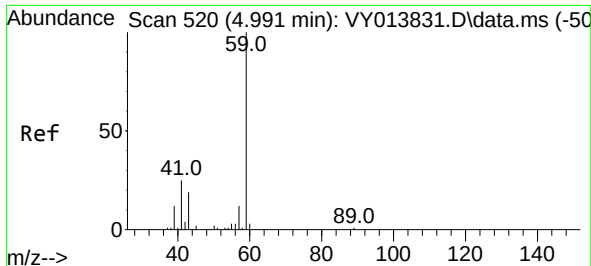
Tgt Ion:101 Resp: 292131
Ion Ratio Lower Upper
101 100
85 45.9 37.4 56.2
151 83.0 66.6 100.0



#10
Methyl Iodide
Concen: 121.008 ug/l
RT: 4.095 min Scan# 373
Delta R.T. -0.006 min
Lab File: VY013832.D
Acq: 23 May 2023 12:53

Tgt Ion:142 Resp: 403573
Ion Ratio Lower Upper
142 100
127 46.3 37.0 55.4
141 14.7 11.8 17.6





#11

Tert butyl alcohol

Concen: 486.663 ug/l

RT: 4.985 min Scan# 519

Delta R.T. -0.006 min

Lab File: VY013832.D

Acq: 23 May 2023 12:53

Instrument :

MSVOA_Y

ClientSampleId :

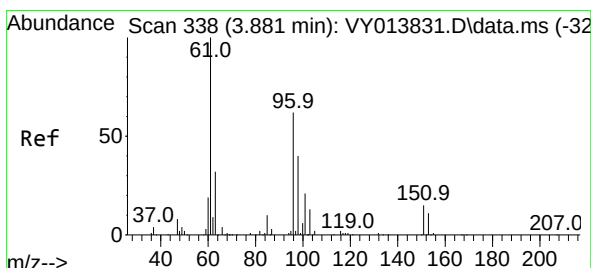
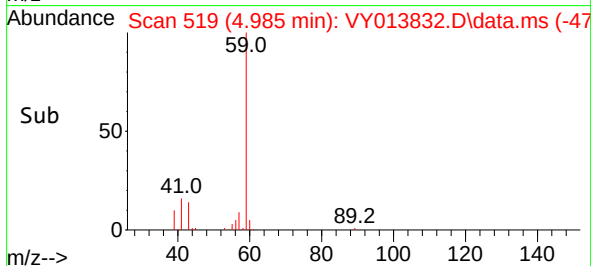
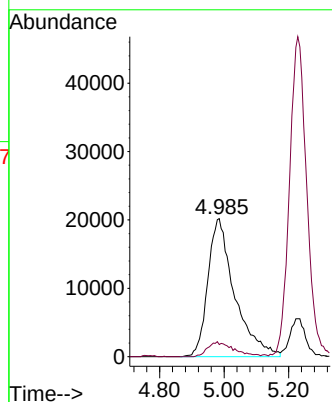
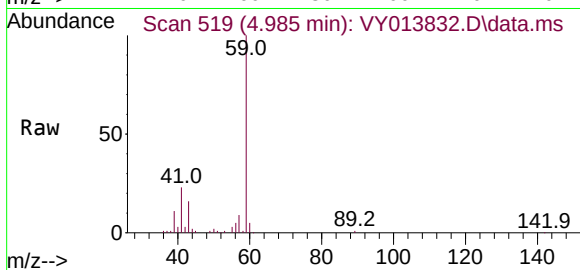
VSTDIC100

Tgt Ion: 59 Resp: 116371

Ion Ratio Lower Upper

59 100

57 10.4 8.1 12.1



#12

1,1-Dichloroethene

Concen: 108.755 ug/l

RT: 3.881 min Scan# 338

Delta R.T. 0.000 min

Lab File: VY013832.D

Acq: 23 May 2023 12:53

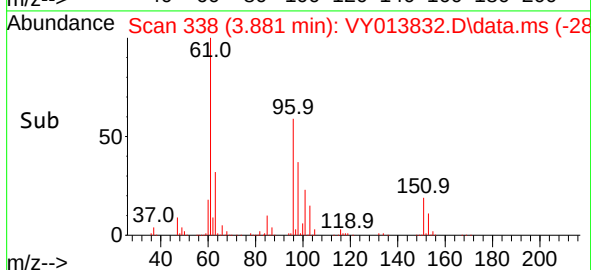
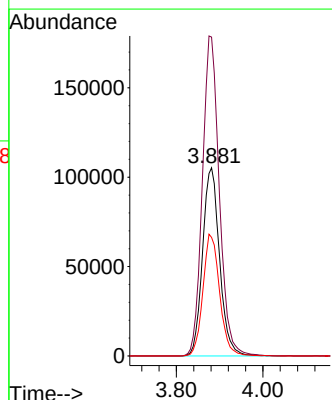
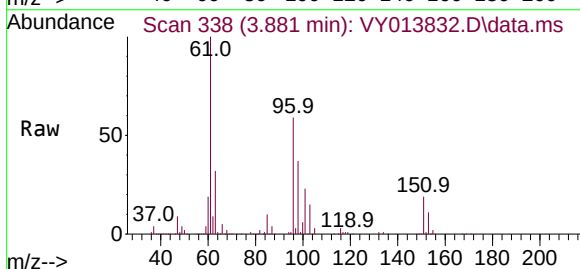
Tgt Ion: 96 Resp: 287027

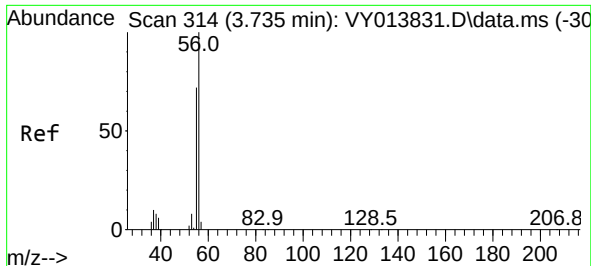
Ion Ratio Lower Upper

96 100

61 169.4 129.0 193.4

98 63.0 52.0 78.0

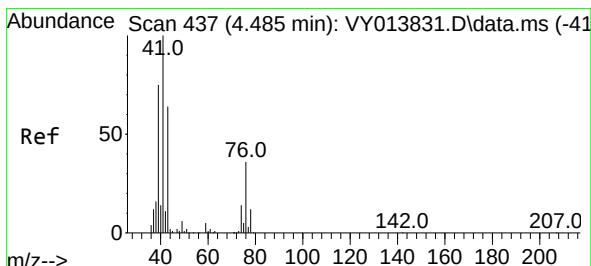
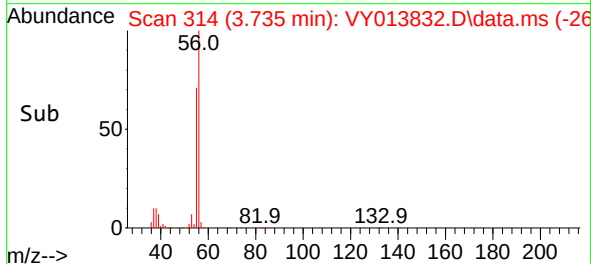
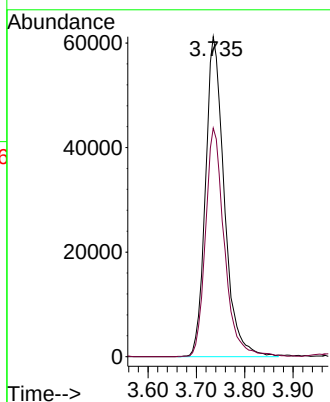
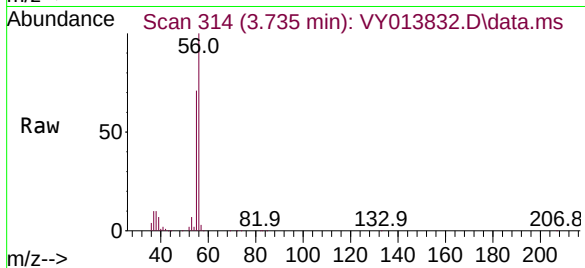




#13
Acrolein
Concen: 458.926 ug/l
RT: 3.735 min Scan# 314
Delta R.T. 0.000 min
Lab File: VY013832.D
Acq: 23 May 2023 12:53

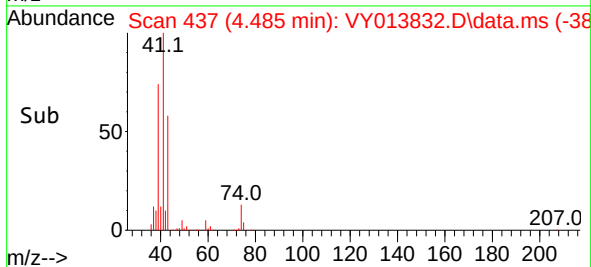
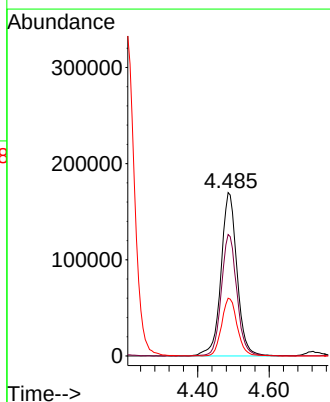
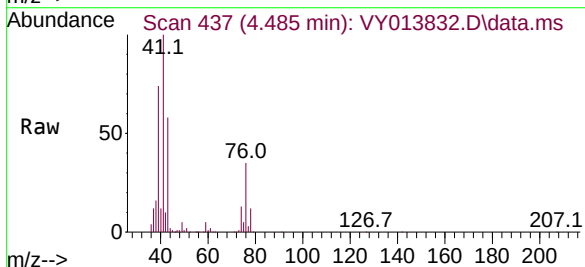
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

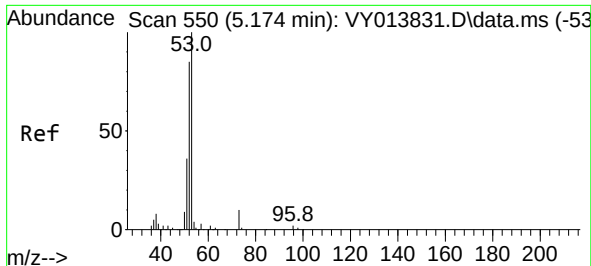
Tgt Ion: 56 Resp: 165072
Ion Ratio Lower Upper
56 100
55 72.0 56.2 84.2



#14
Allyl chloride
Concen: 109.740 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY013832.D
Acq: 23 May 2023 12:53

Tgt Ion: 41 Resp: 528761
Ion Ratio Lower Upper
41 100
39 72.3 58.3 87.5
76 34.4 28.0 42.0

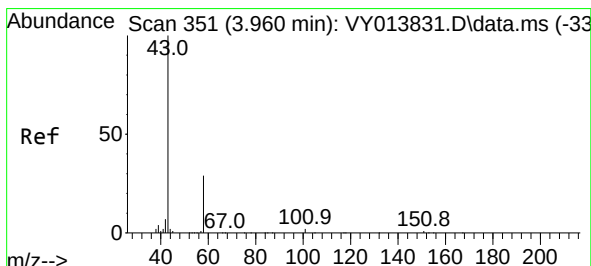
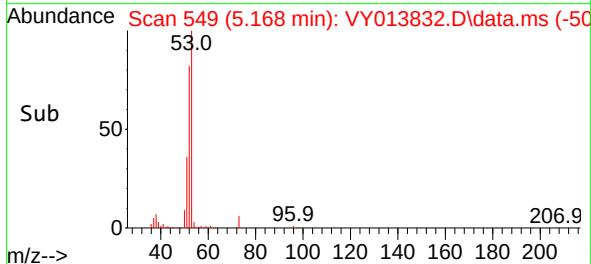
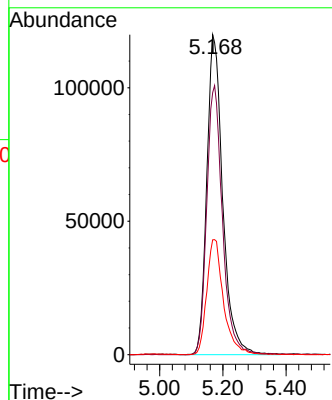
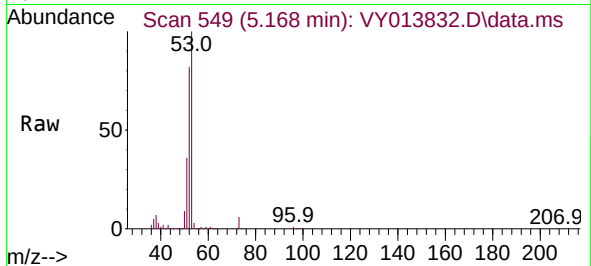




#15
Acrylonitrile
Concen: 514.461 ug/l
RT: 5.168 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY013832.D
Acq: 23 May 2023 12:53

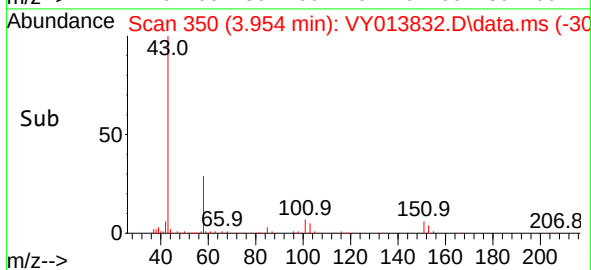
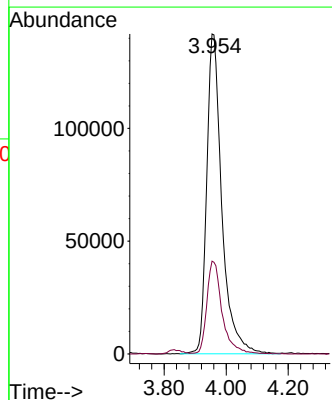
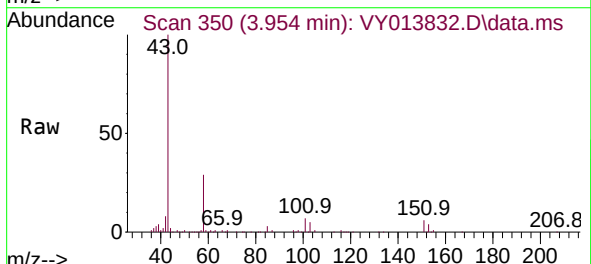
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

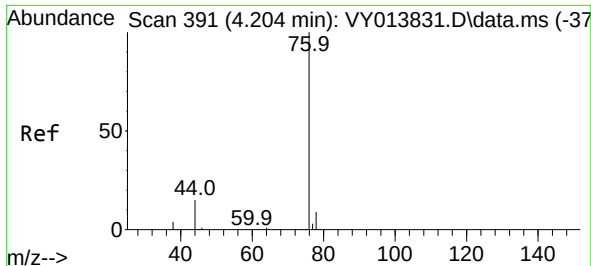
Tgt Ion: 53 Resp: 419272
Ion Ratio Lower Upper
53 100
52 83.1 67.2 100.8
51 38.0 30.2 45.2



#16
Acetone
Concen: 516.714 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY013832.D
Acq: 23 May 2023 12:53

Tgt Ion: 43 Resp: 478710
Ion Ratio Lower Upper
43 100
58 29.0 23.3 34.9

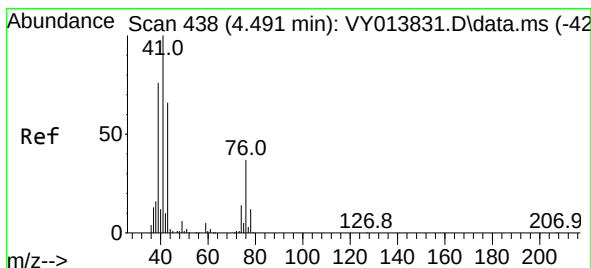
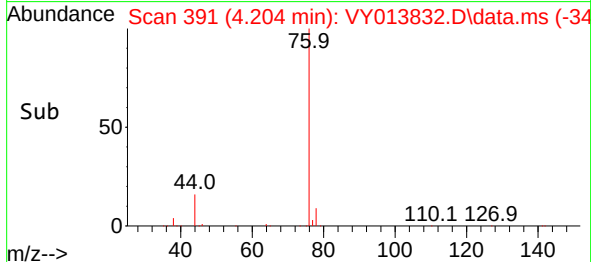
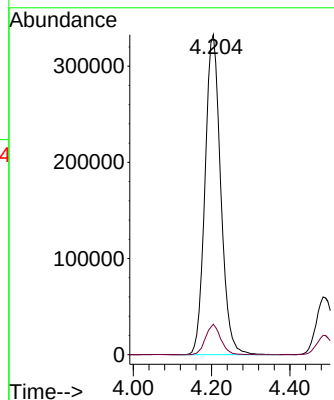
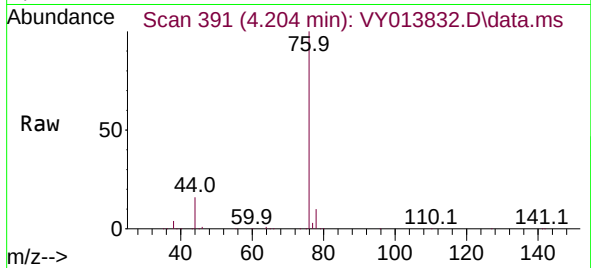




#17
Carbon Disulfide
Concen: 117.343 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY013832.D
Acq: 23 May 2023 12:53

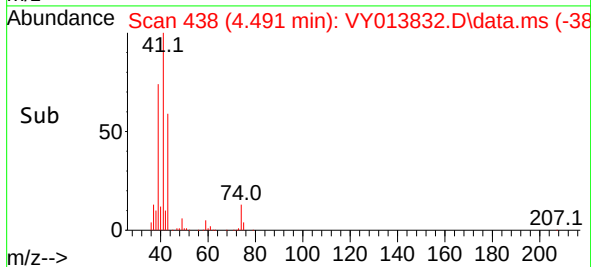
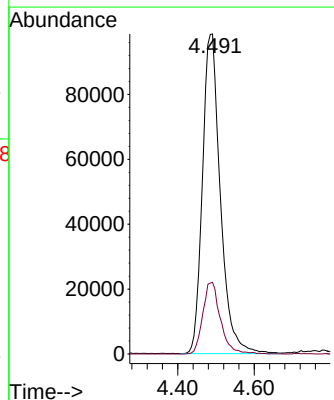
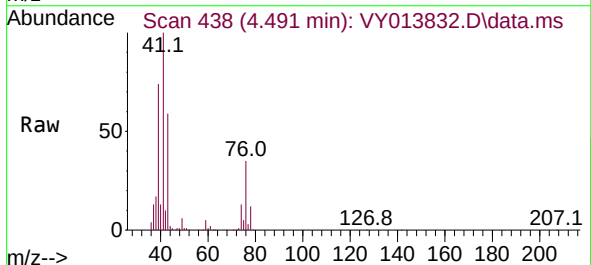
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

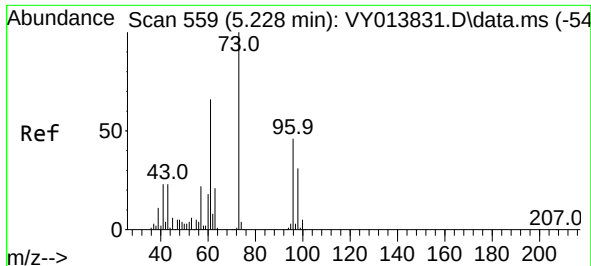
Tgt Ion: 76 Resp: 924418
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3



#18
Methyl Acetate
Concen: 99.769 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY013832.D
Acq: 23 May 2023 12:53

Tgt Ion: 43 Resp: 320670
Ion Ratio Lower Upper
43 100
74 22.1 17.4 26.0

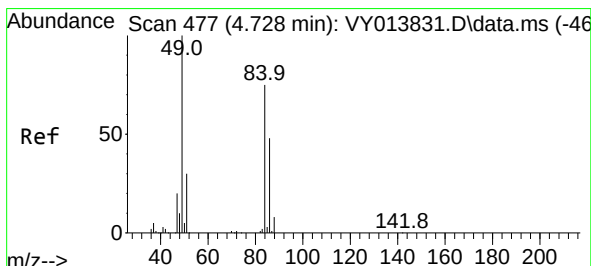
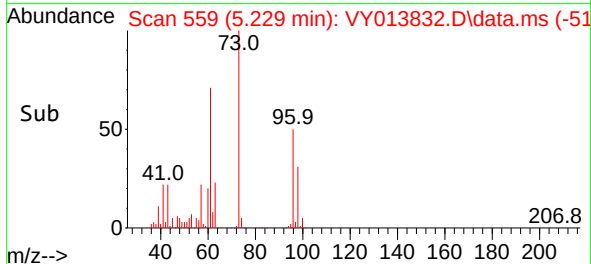
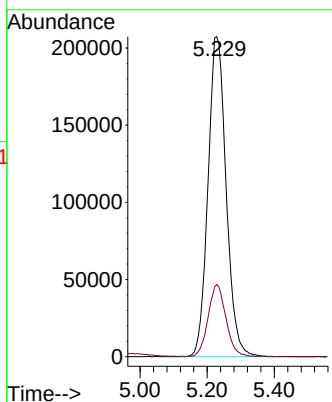
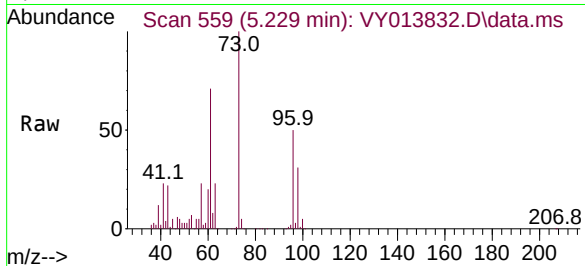




#19
Methyl tert-butyl Ether
Concen: 108.153 ug/l
RT: 5.229 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013832.D
Acq: 23 May 2023 12:53

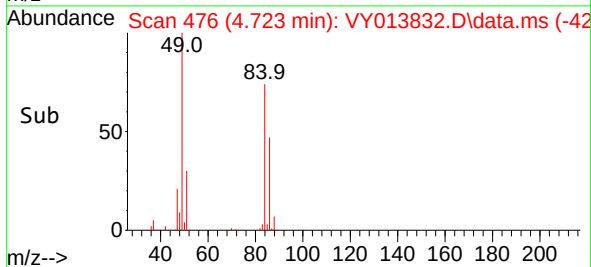
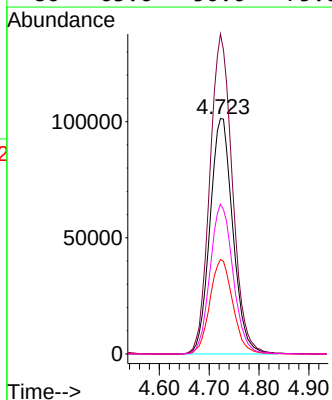
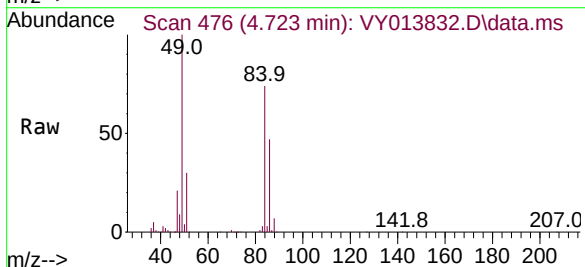
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

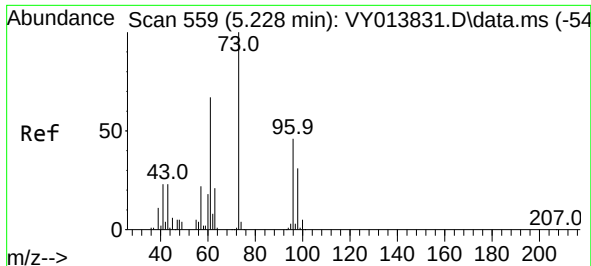
Tgt Ion: 73 Resp: 778968
Ion Ratio Lower Upper
73 100
57 22.6 17.4 26.2



#20
Methylene Chloride
Concen: 101.084 ug/l
RT: 4.723 min Scan# 476
Delta R.T. -0.005 min
Lab File: VY013832.D
Acq: 23 May 2023 12:53

Tgt Ion: 84 Resp: 323528
Ion Ratio Lower Upper
84 100
49 135.9 106.2 159.2
51 40.1 31.4 47.0
86 63.6 50.6 75.8

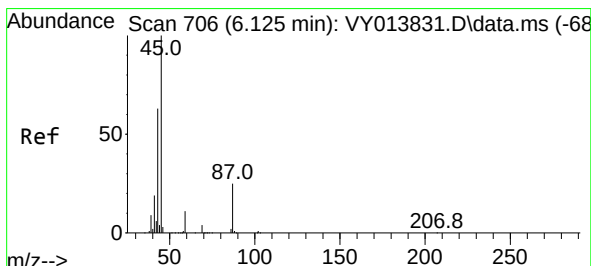
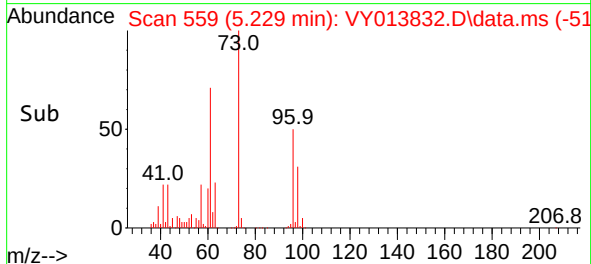
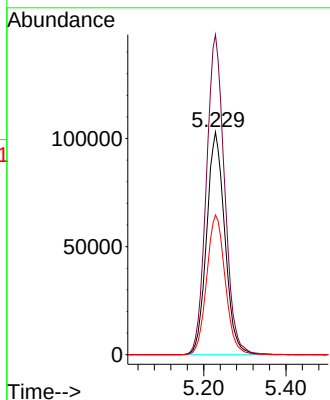
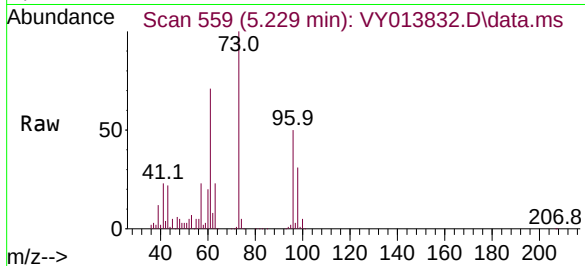




#21
trans-1,2-Dichloroethene
Concen: 110.164 ug/l
RT: 5.229 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013832.D
Acq: 23 May 2023 12:53

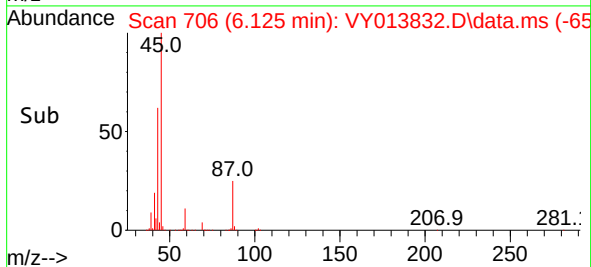
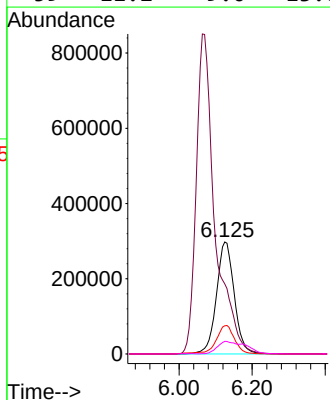
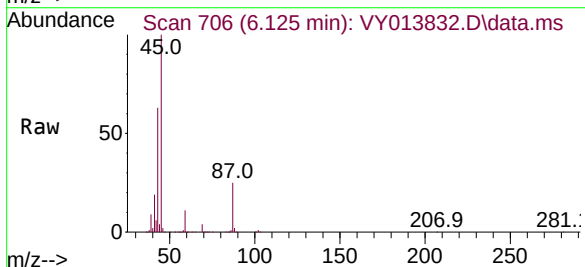
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

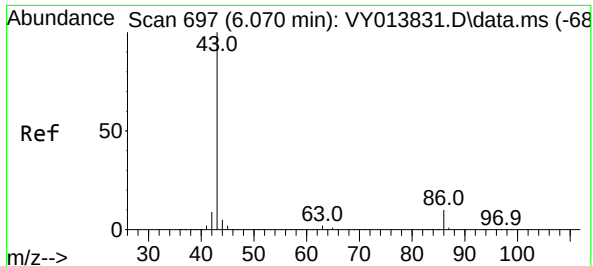
Tgt Ion: 96 Resp: 316054
Ion Ratio Lower Upper
96 100
61 143.7 115.5 173.3
98 62.8 53.7 80.5



#22
Diisopropyl ether
Concen: 108.403 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY013832.D
Acq: 23 May 2023 12:53

Tgt Ion: 45 Resp: 1008477
Ion Ratio Lower Upper
45 100
43 62.3 50.6 75.8
87 25.1 20.7 31.1
59 11.2 9.0 13.6

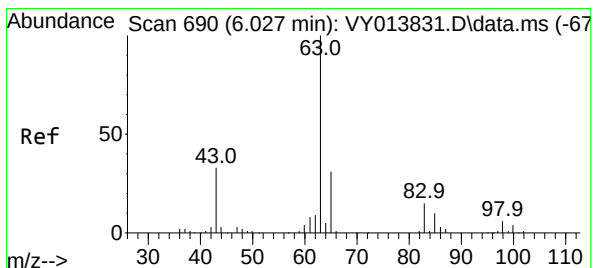
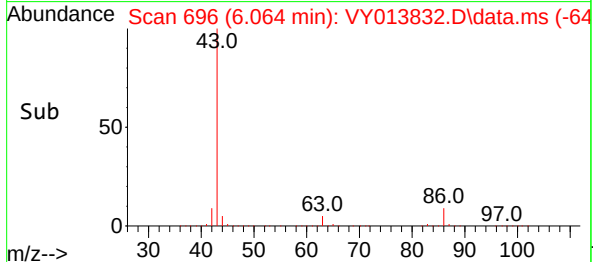
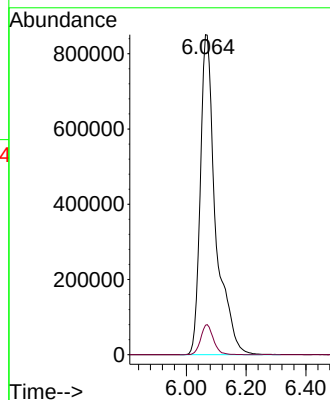
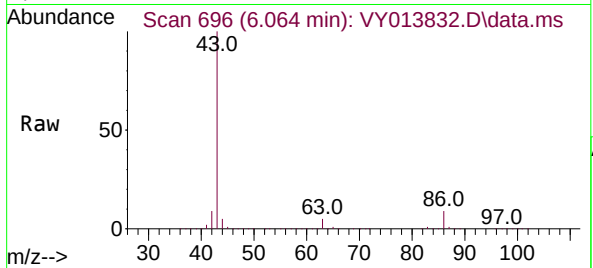




#23
 Vinyl Acetate
 Concen: 559.393 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. -0.006 min
 Lab File: VY013832.D
 Acq: 23 May 2023 12:53

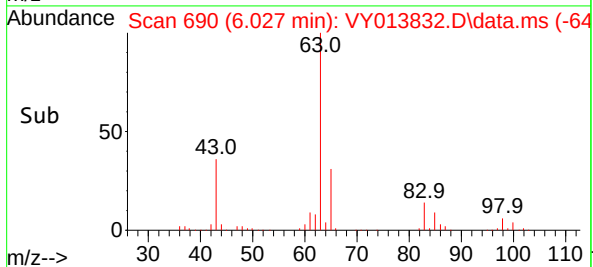
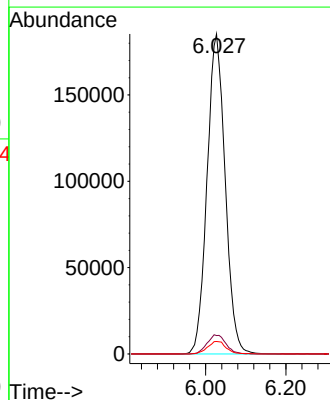
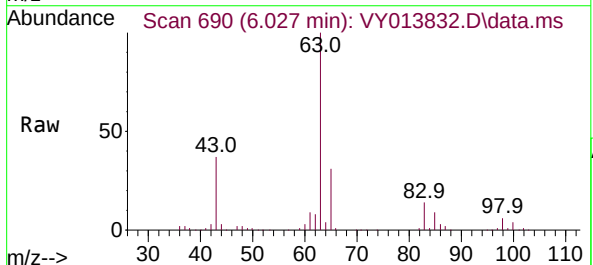
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

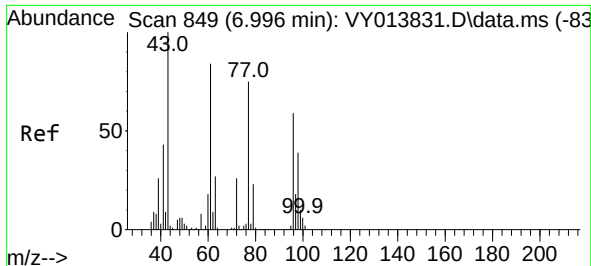
Tgt Ion: 43 Resp: 3031036
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 106.812 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.000 min
 Lab File: VY013832.D
 Acq: 23 May 2023 12:53

Tgt Ion: 63 Resp: 580100
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.2 9.6
 100 3.9 2.1 6.2

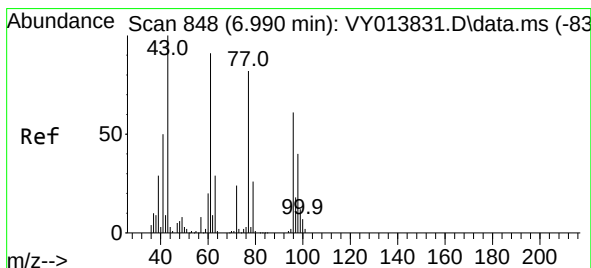
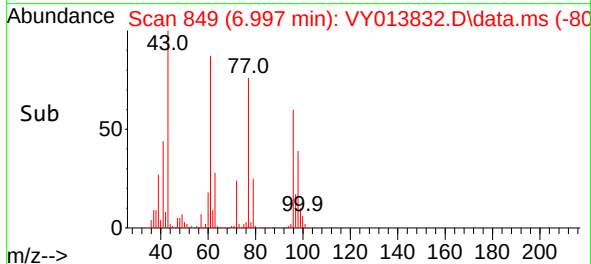
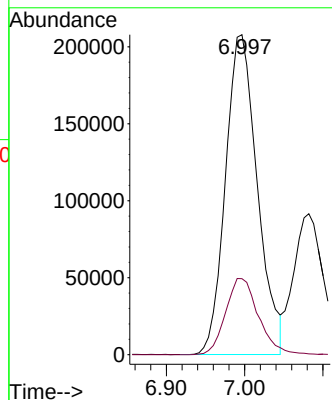
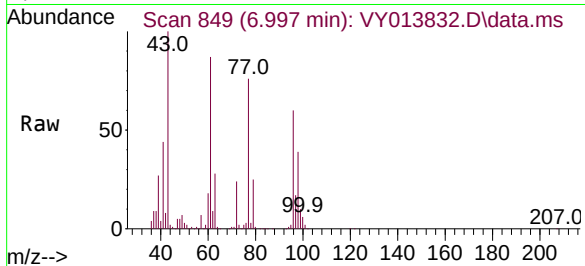




#25
2-Butanone
Concen: 520.436 ug/l
RT: 6.997 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY013832.D
Acq: 23 May 2023 12:53

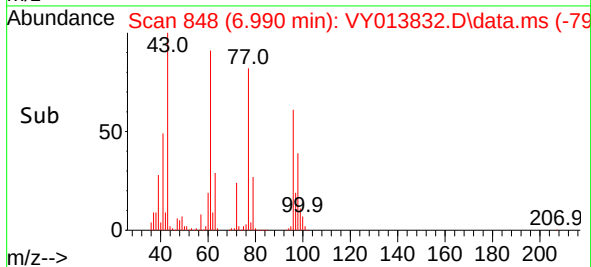
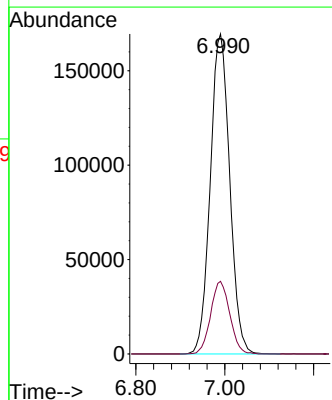
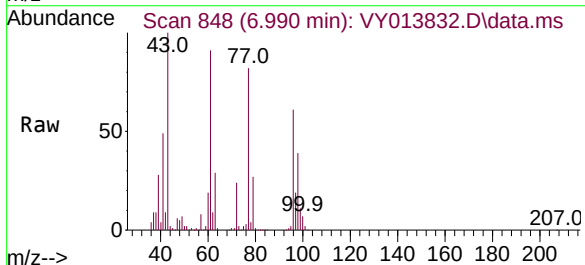
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

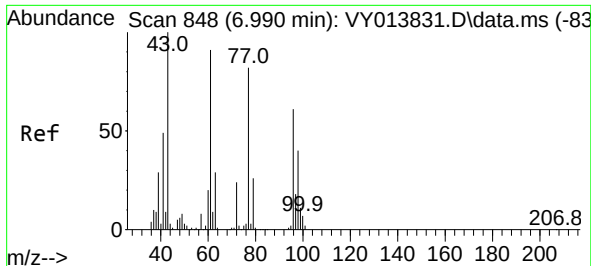
Tgt Ion: 43 Resp: 588346
Ion Ratio Lower Upper
43 100
72 23.8 20.5 30.7



#26
2,2-Dichloropropane
Concen: 105.179 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY013832.D
Acq: 23 May 2023 12:53

Tgt Ion: 77 Resp: 514546
Ion Ratio Lower Upper
77 100
97 22.3 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 106.147 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY013832.D

Acq: 23 May 2023 12:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

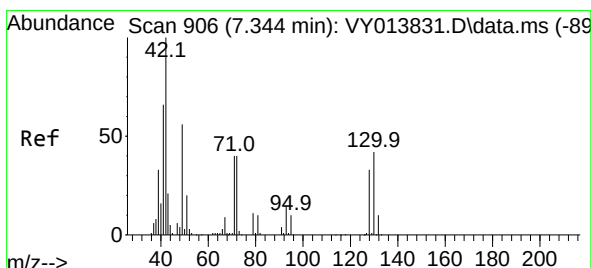
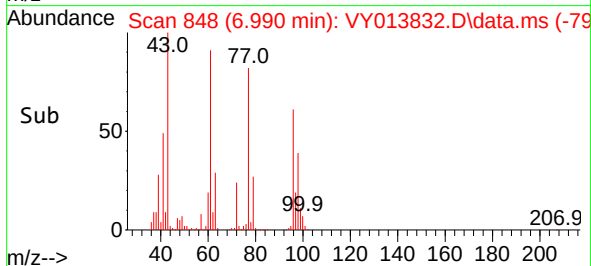
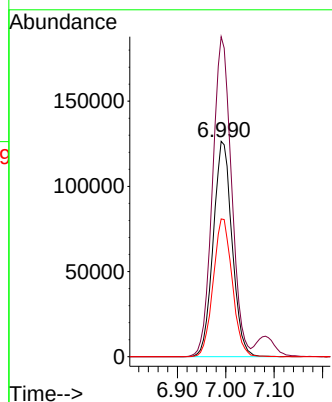
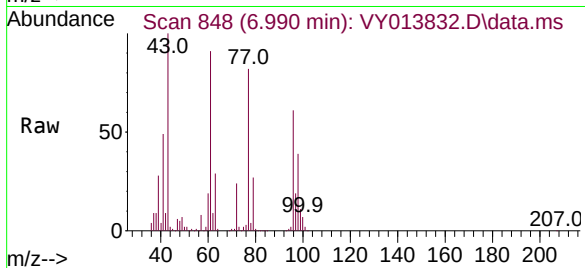
Tgt Ion: 96 Resp: 342100

Ion Ratio Lower Upper

96 100

61 149.8 0.0 296.4

98 64.7 0.0 129.4



#28

Bromochloromethane

Concen: 89.860 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY013832.D

Acq: 23 May 2023 12:53

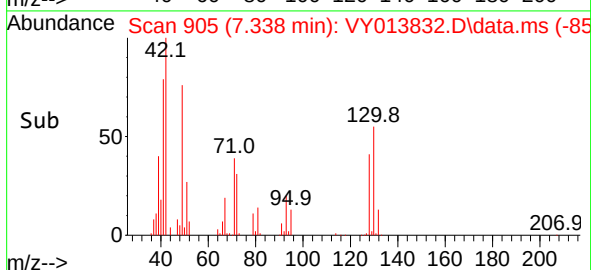
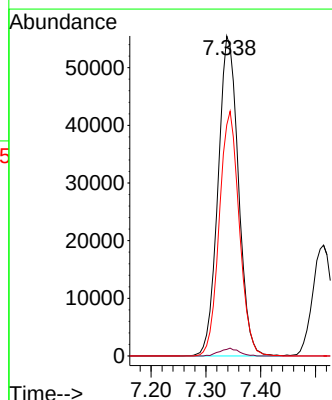
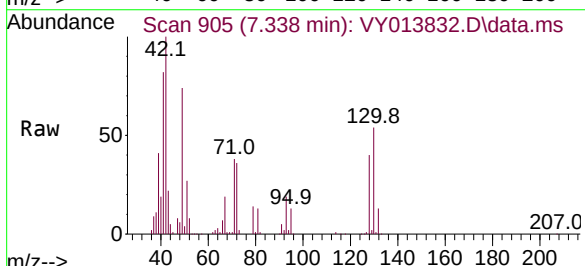
Tgt Ion: 49 Resp: 143247

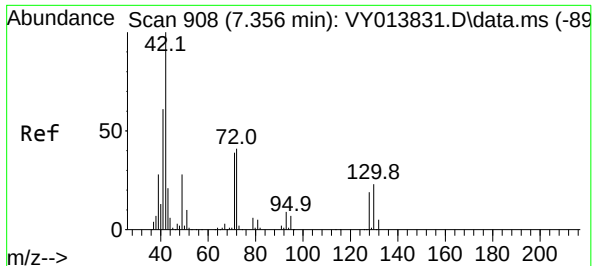
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.4

130 75.1 60.2 90.2





#29

Tetrahydrofuran

Concen: 520.232 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY013832.D

Acq: 23 May 2023 12:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

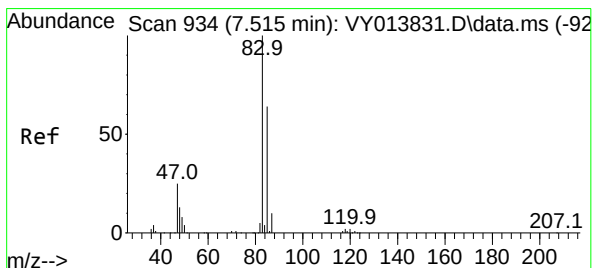
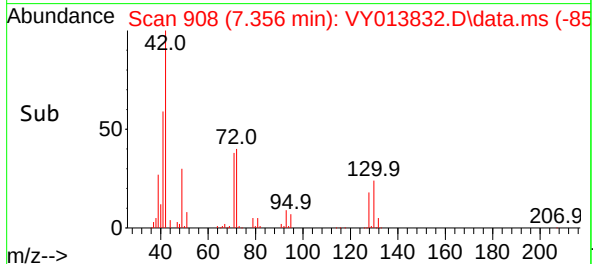
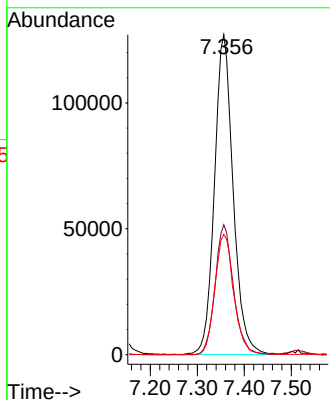
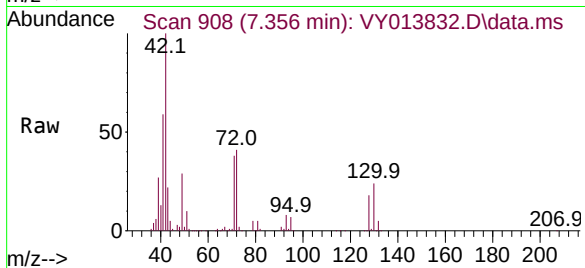
Tgt Ion: 42 Resp: 351132

Ion Ratio Lower Upper

42 100

72 39.9 31.7 47.5

71 38.1 30.6 45.8



#30

Chloroform

Concen: 102.506 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.000 min

Lab File: VY013832.D

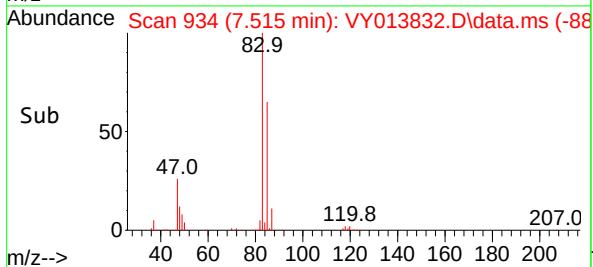
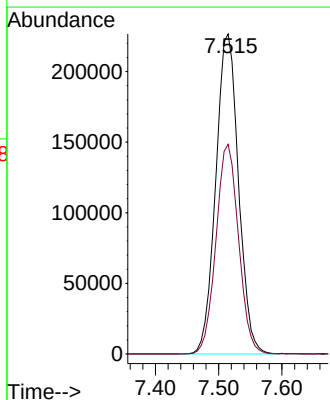
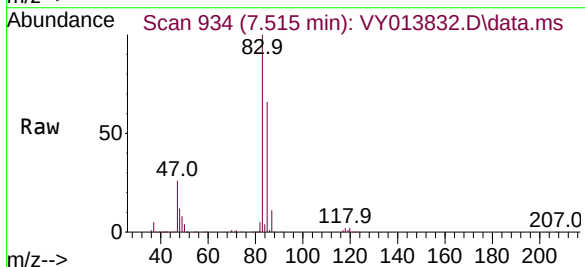
Acq: 23 May 2023 12:53

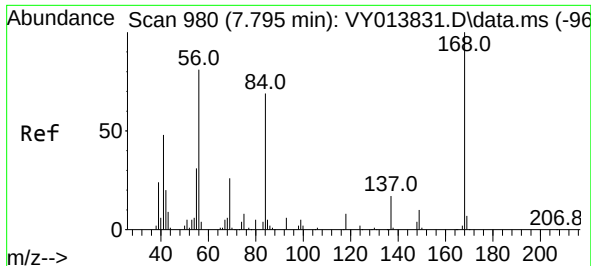
Tgt Ion: 83 Resp: 564418

Ion Ratio Lower Upper

83 100

85 65.5 51.0 76.6

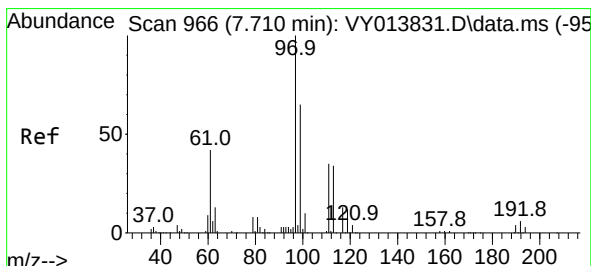
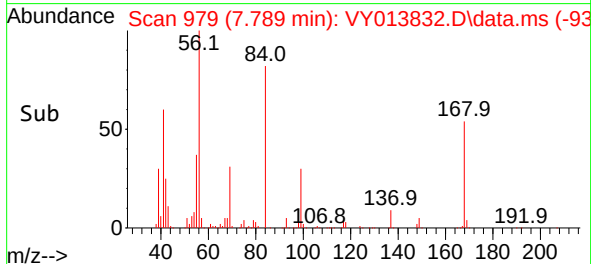
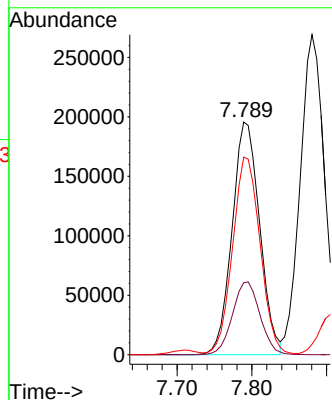
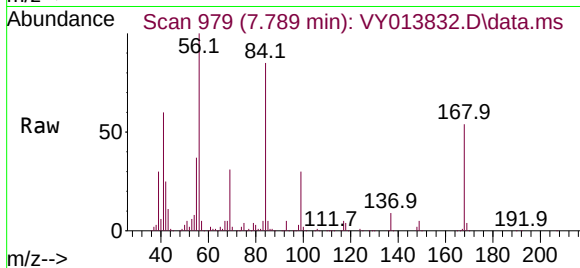




#31
Cyclohexane
Concen: 104.610 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013832.D
Acq: 23 May 2023 12:53

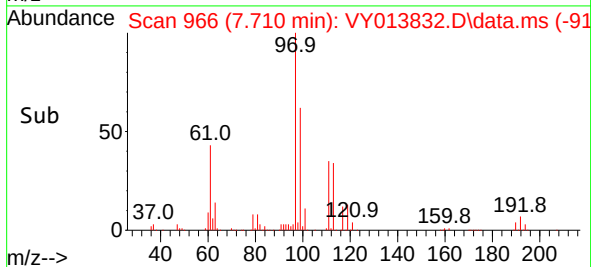
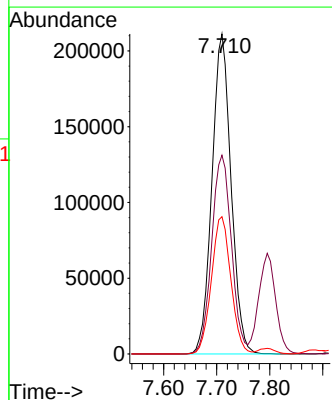
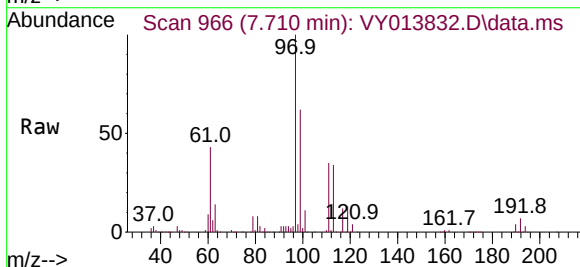
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

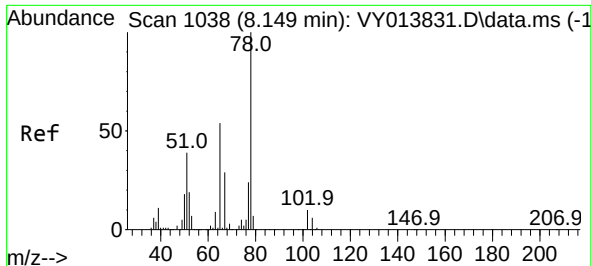
Tgt Ion: 56 Resp: 501699
Ion Ratio Lower Upper
56 100
69 30.9 25.8 38.8
84 83.2 68.2 102.2



#32
1,1,1-Trichloroethane
Concen: 105.175 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY013832.D
Acq: 23 May 2023 12:53

Tgt Ion: 97 Resp: 528313
Ion Ratio Lower Upper
97 100
99 64.4 50.5 75.7
61 43.7 35.0 52.4





#33

1,2-Dichloroethane-d4

Concen: 94.064 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY013832.D

Acq: 23 May 2023 12:53

Instrument :

MSVOA_Y

ClientSampleId :

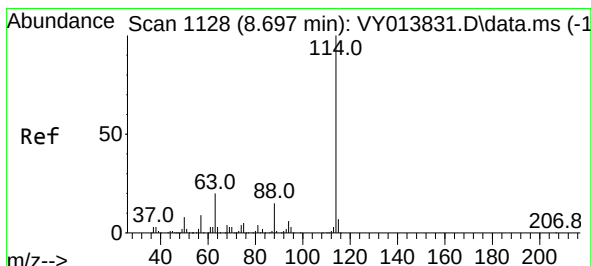
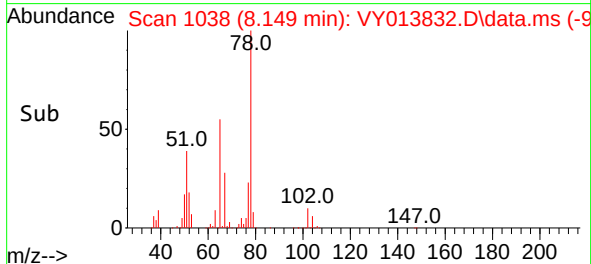
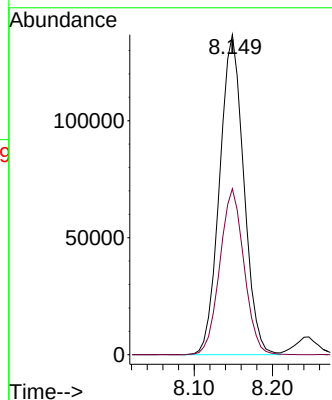
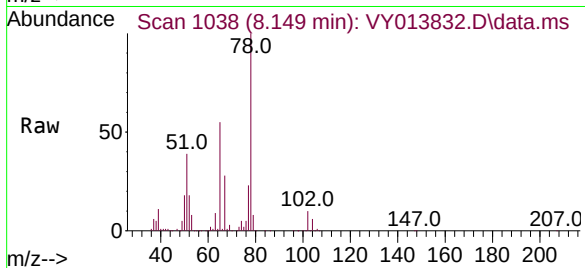
VSTDIC100

Tgt Ion: 65 Resp: 293617

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY013832.D

Acq: 23 May 2023 12:53

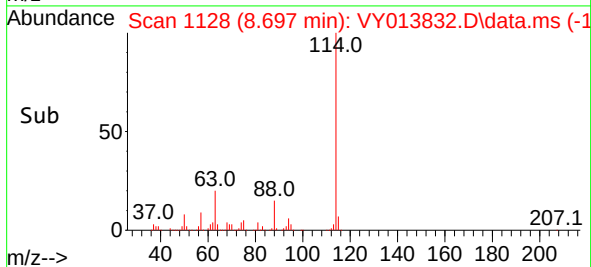
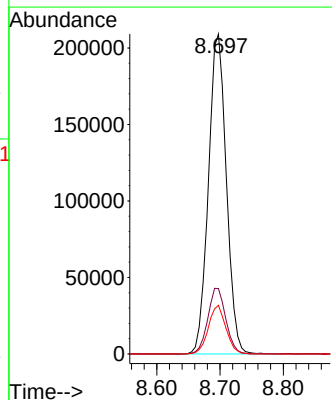
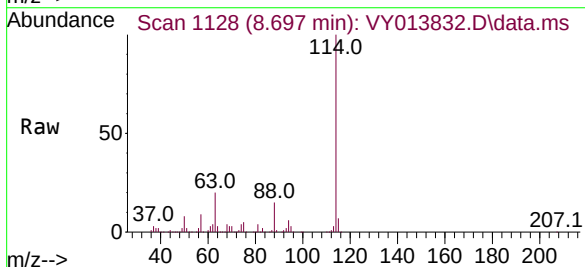
Tgt Ion: 114 Resp: 412081

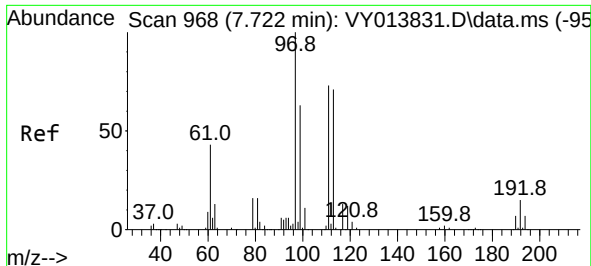
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.2

88 15.2 0.0 30.0

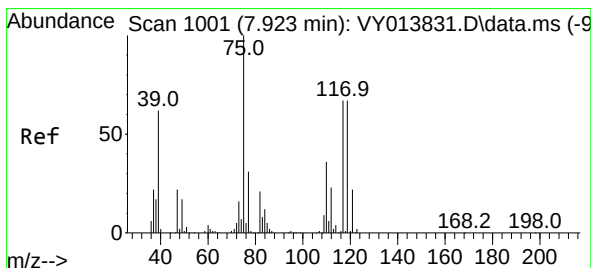
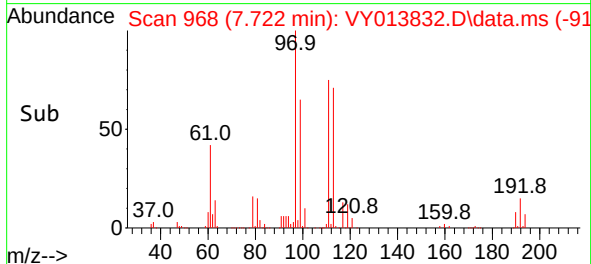
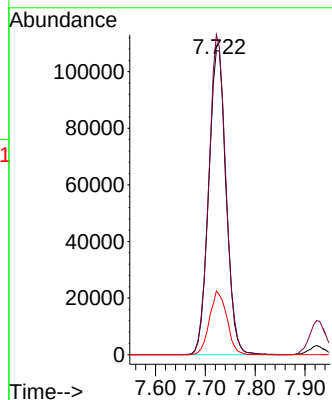
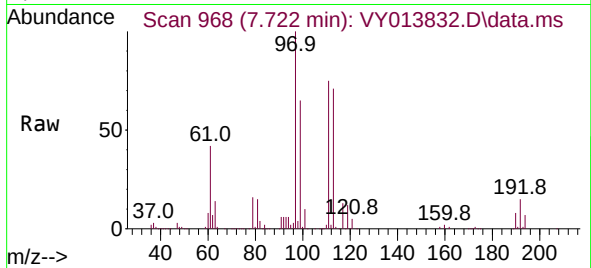




#35
Dibromofluoromethane
Concen: 98.386 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013832.D
Acq: 23 May 2023 12:53

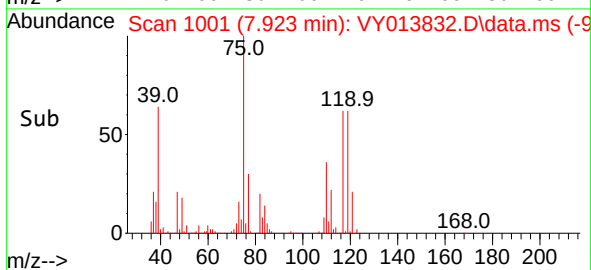
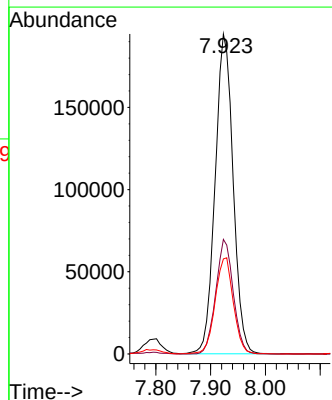
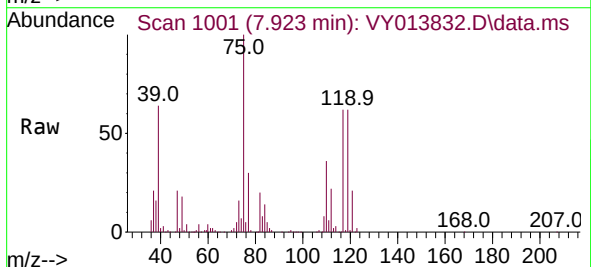
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

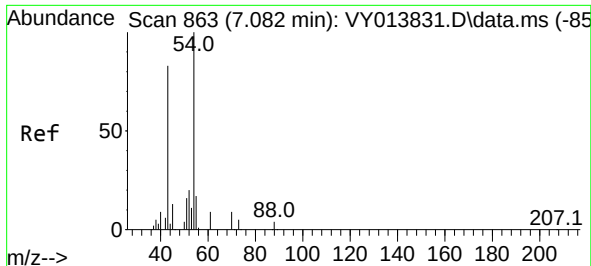
Tgt Ion:113 Resp: 261828
Ion Ratio Lower Upper
113 100
111 102.7 80.4 120.6
192 20.8 16.6 25.0



#36
1,1-Dichloropropene
Concen: 109.485 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY013832.D
Acq: 23 May 2023 12:53

Tgt Ion: 75 Resp: 443788
Ion Ratio Lower Upper
75 100
110 34.7 17.5 52.6
77 30.5 24.4 36.6

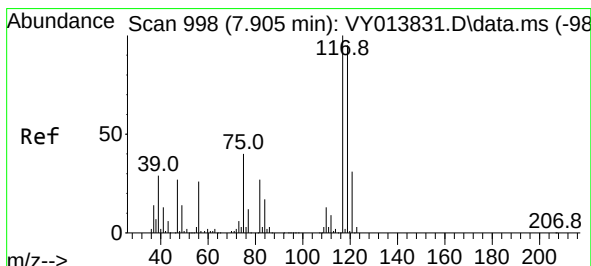
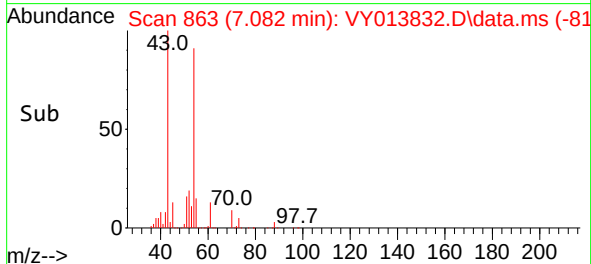
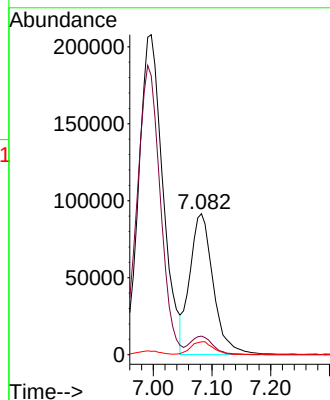
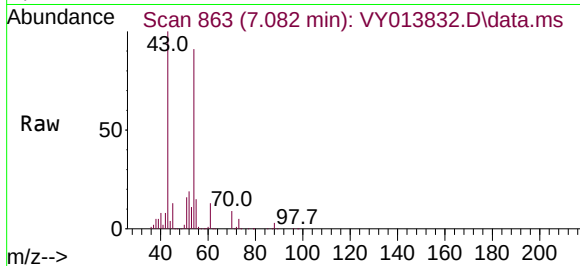




#37
Ethyl Acetate
Concen: 102.008 ug/l
RT: 7.082 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY013832.D
Acq: 23 May 2023 12:53

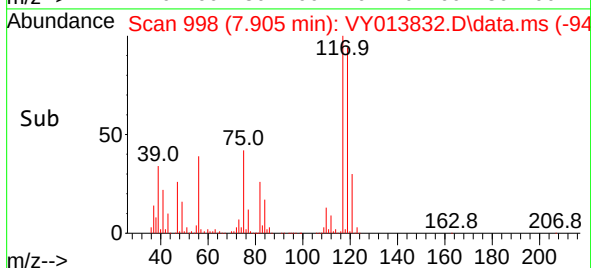
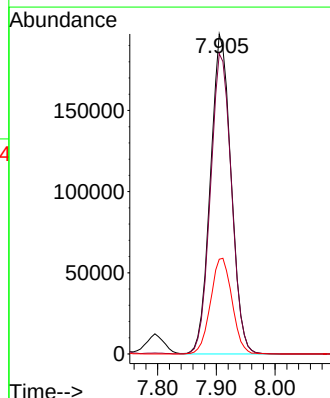
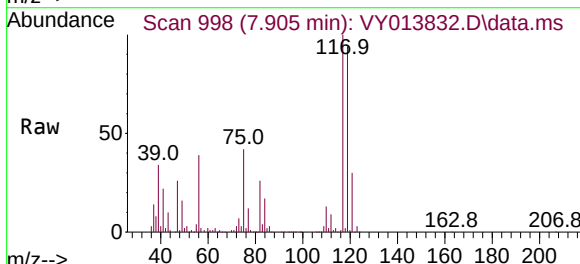
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

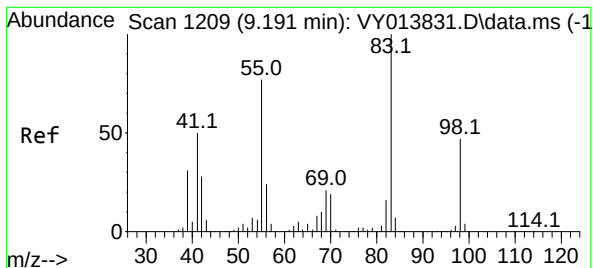
Tgt Ion: 43 Resp: 252218
Ion Ratio Lower Upper
43 100
61 12.9 10.5 15.7
70 9.1 6.9 10.3



#38
Carbon Tetrachloride
Concen: 104.591 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY013832.D
Acq: 23 May 2023 12:53

Tgt Ion: 117 Resp: 482128
Ion Ratio Lower Upper
117 100
119 93.9 75.6 113.4
121 29.6 24.8 37.2





#39

Methylcyclohexane

Concen: 113.564 ug/l

RT: 9.191 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013832.D

Acq: 23 May 2023 12:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

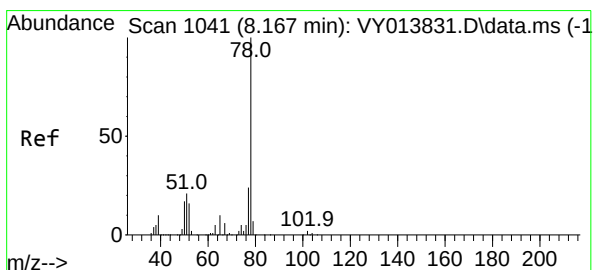
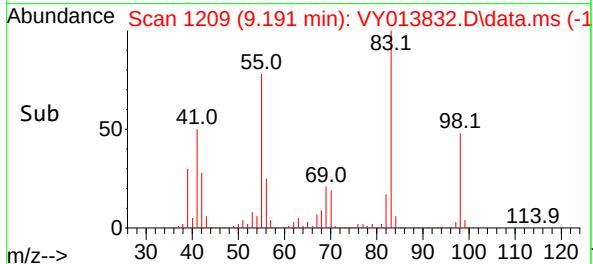
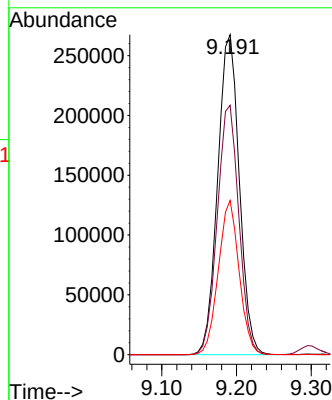
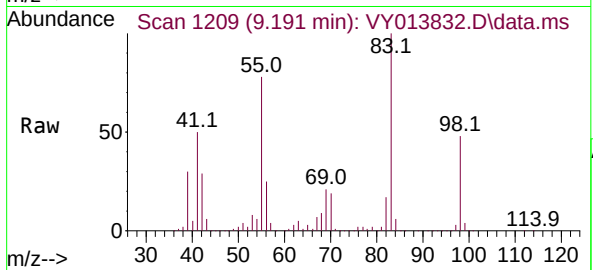
Tgt Ion: 83 Resp: 539090

Ion Ratio Lower Upper

83 100

55 78.0 61.6 92.4

98 48.2 38.0 57.0



#40

Benzene

Concen: 106.375 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY013832.D

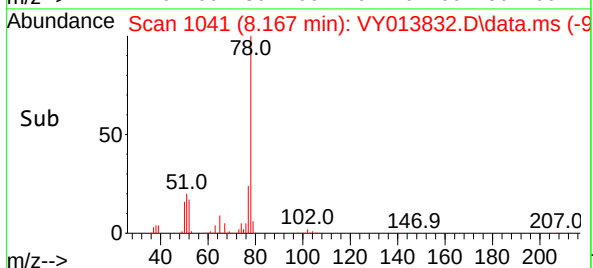
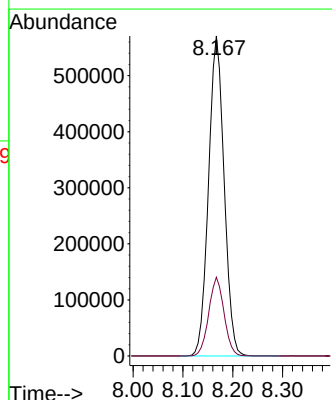
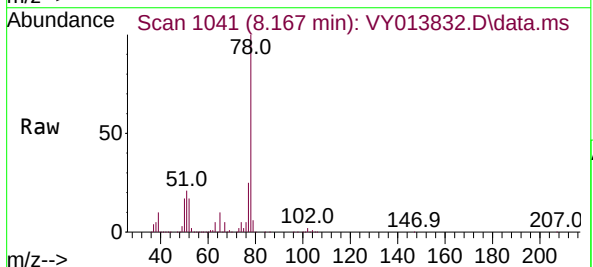
Acq: 23 May 2023 12:53

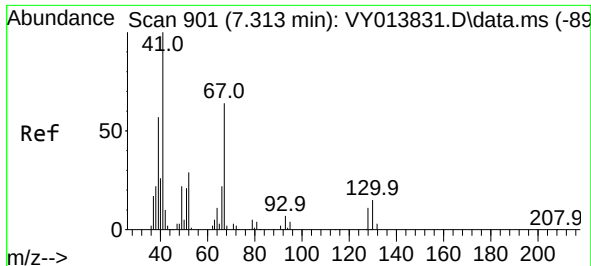
Tgt Ion: 78 Resp: 1238444

Ion Ratio Lower Upper

78 100

77 24.6 19.5 29.3

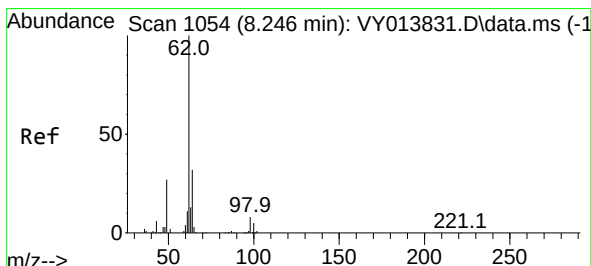
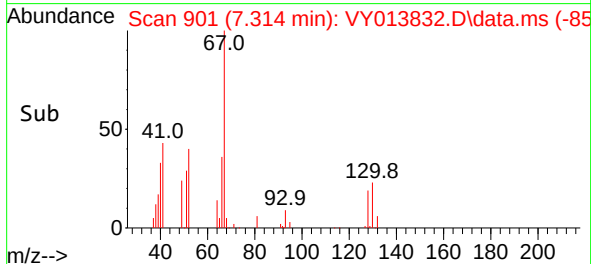
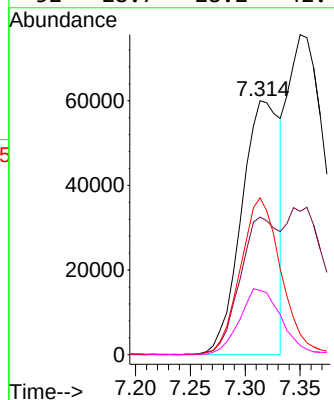
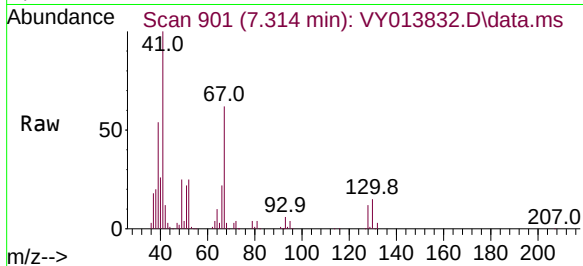




#41
Methacrylonitrile
Concen: 108.631 ug/l
RT: 7.314 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY013832.D
Acq: 23 May 2023 12:53

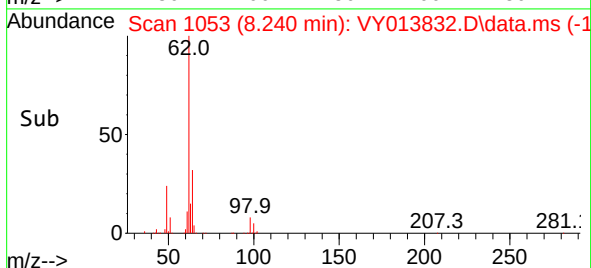
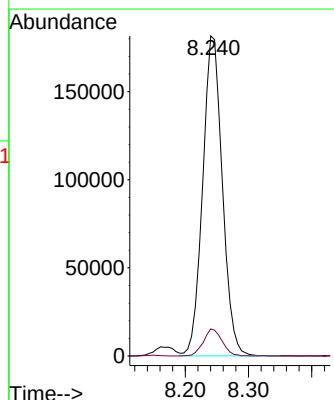
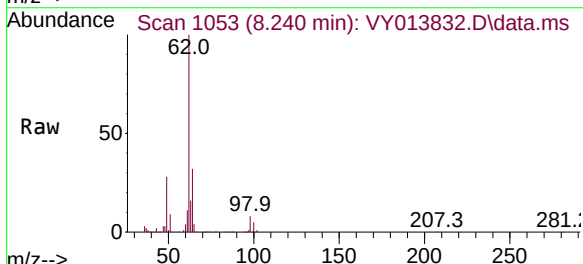
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

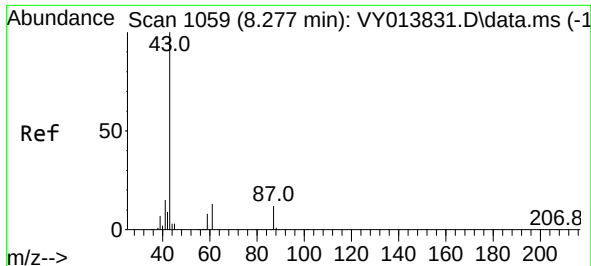
Tgt Ion: 41 Resp: 146550
Ion Ratio Lower Upper
41 100
39 54.9 44.1 66.1
67 65.7 63.7 95.5
52 28.7 28.2 42.4



#42
1,2-Dichloroethane
Concen: 103.204 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VY013832.D
Acq: 23 May 2023 12:53

Tgt Ion: 62 Resp: 393396
Ion Ratio Lower Upper
62 100
98 8.0 0.0 16.8

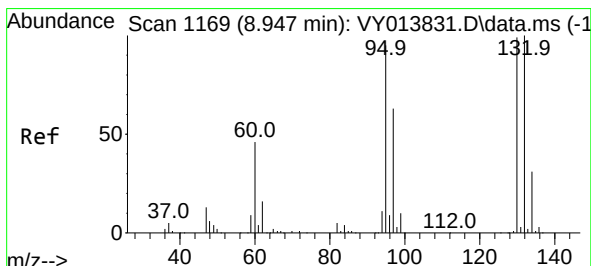
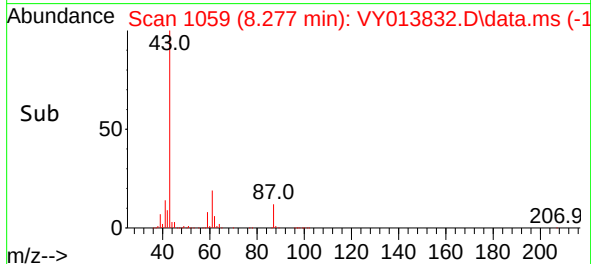
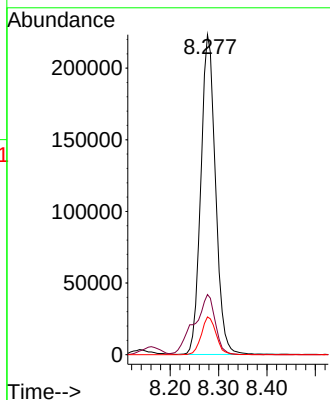
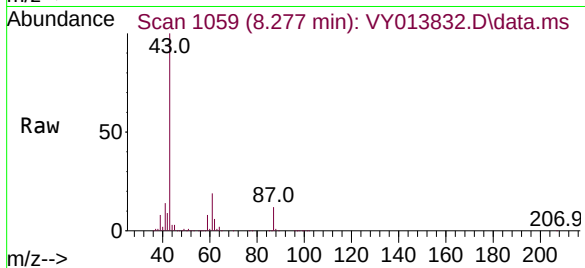




#43
Isopropyl Acetate
Concen: 104.387 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY013832.D
Acq: 23 May 2023 12:53

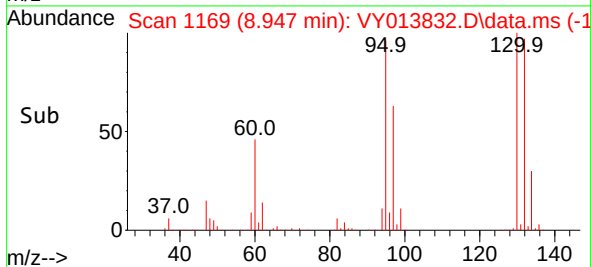
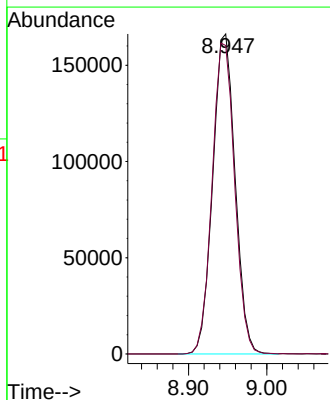
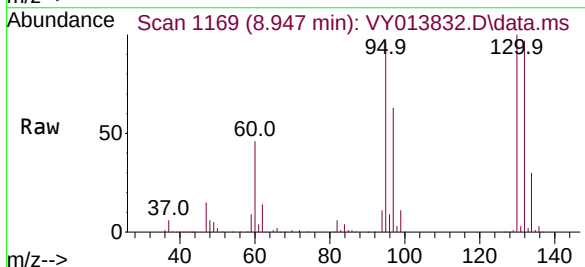
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

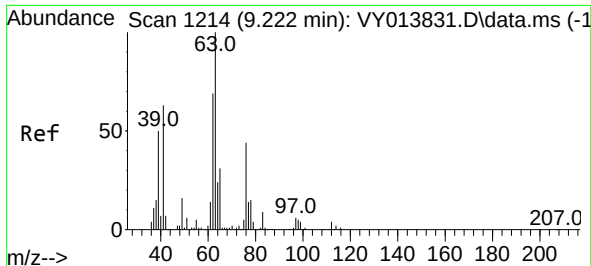
Tgt Ion: 43 Resp: 470330
Ion Ratio Lower Upper
43 100
61 26.8 21.1 31.7
87 11.9 9.8 14.6



#44
Trichloroethene
Concen: 105.354 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY013832.D
Acq: 23 May 2023 12:53

Tgt Ion:130 Resp: 330450
Ion Ratio Lower Upper
130 100
95 96.4 0.0 192.8





#45

1,2-Dichloropropane

Concen: 103.921 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.000 min

Lab File: VY013832.D

Acq: 23 May 2023 12:53

Instrument :

MSVOA_Y

ClientSampleId :

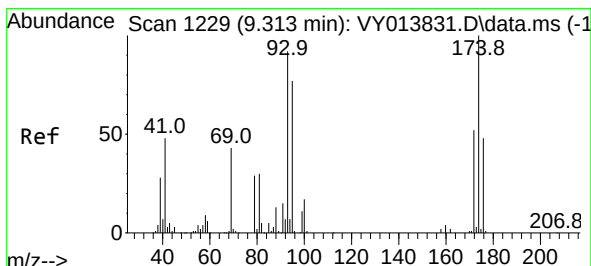
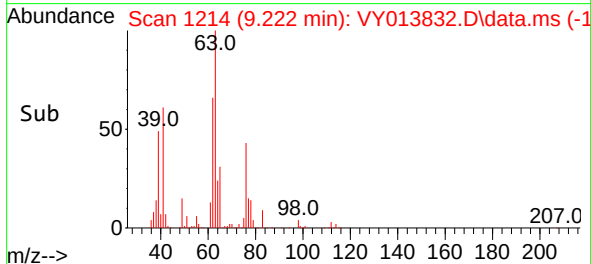
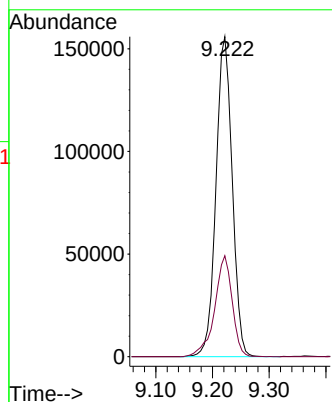
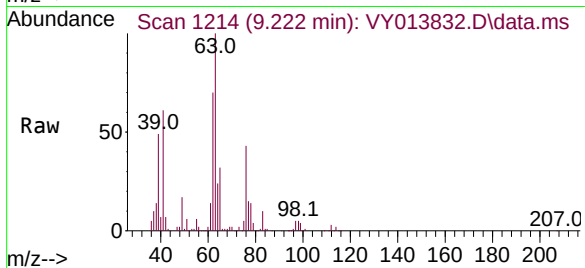
VSTDICC100

Tgt Ion: 63 Resp: 309937

Ion Ratio Lower Upper

63 100

65 31.6 24.7 37.1



#46

Dibromomethane

Concen: 103.859 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VY013832.D

Acq: 23 May 2023 12:53

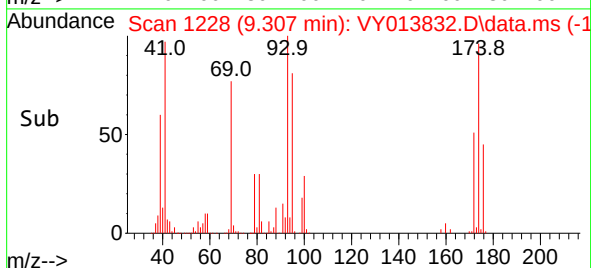
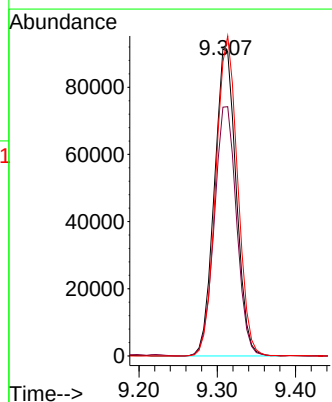
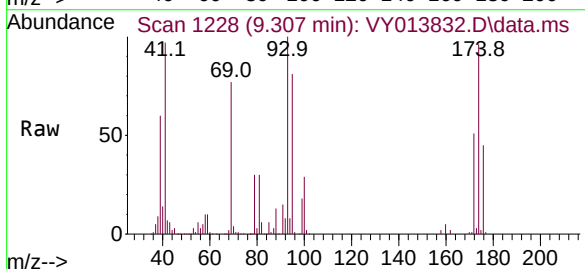
Tgt Ion: 93 Resp: 177398

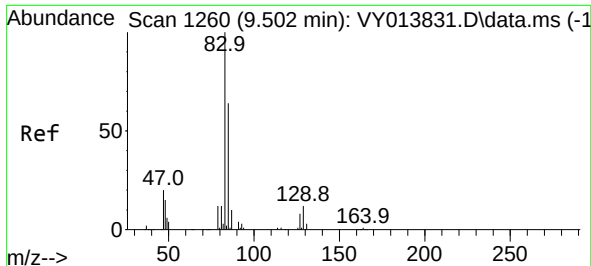
Ion Ratio Lower Upper

93 100

95 82.5 66.4 99.6

174 103.5 83.9 125.9

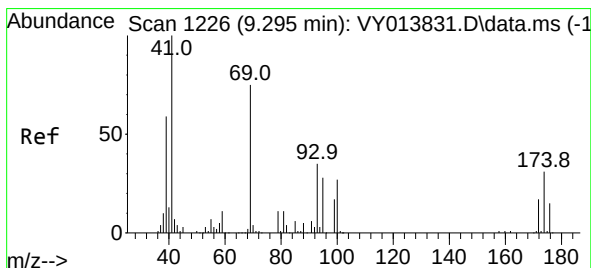
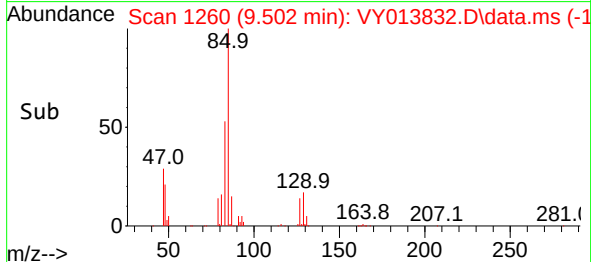
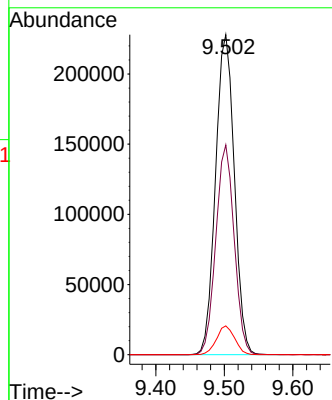
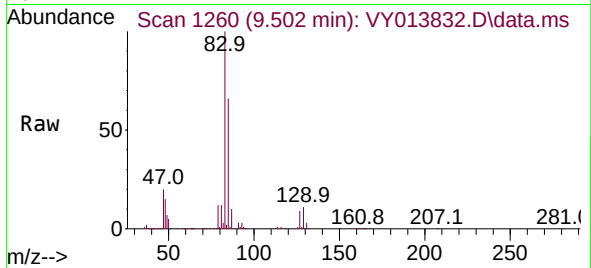




#47
Bromodichloromethane
Concen: 104.246 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY013832.D
Acq: 23 May 2023 12:53

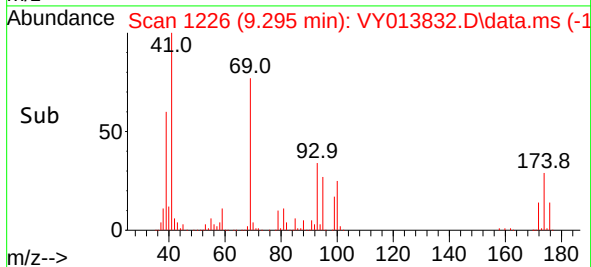
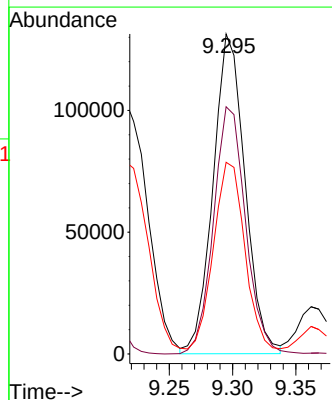
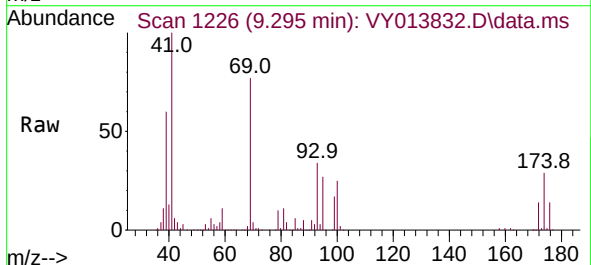
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

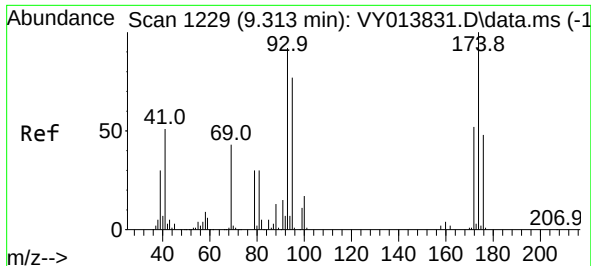
Tgt Ion: 83 Resp: 433929
Ion Ratio Lower Upper
83 100
85 65.6 51.5 77.3
127 9.0 6.6 10.0



#48
Methyl methacrylate
Concen: 108.803 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY013832.D
Acq: 23 May 2023 12:53

Tgt Ion: 41 Resp: 230198
Ion Ratio Lower Upper
41 100
69 78.0 62.0 93.0
39 57.1 45.7 68.5





#49

1,4-Dioxane

Concen: 2045.821 ug/l

RT: 9.307 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013832.D

Acq: 23 May 2023 12:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

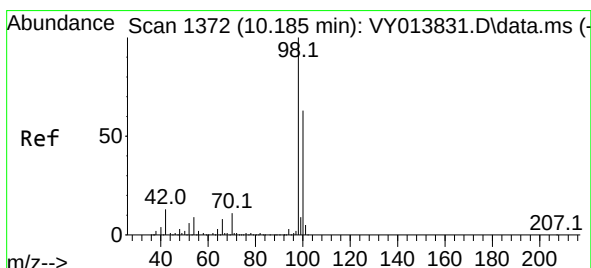
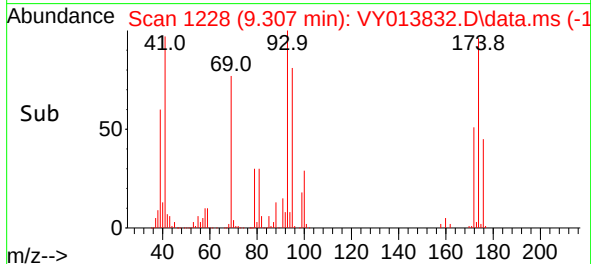
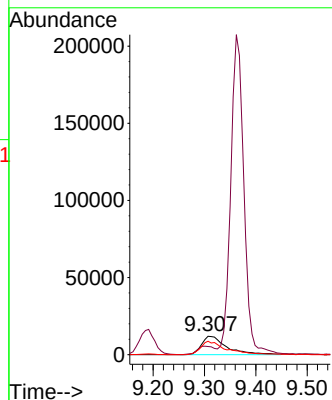
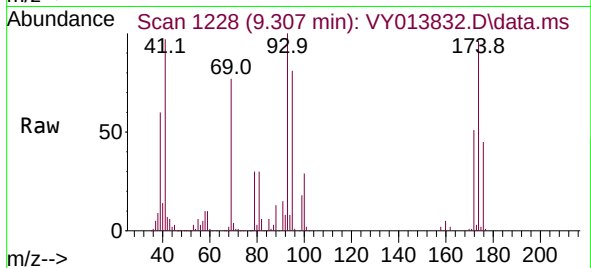
Tgt Ion: 88 Resp: 41068

Ion Ratio Lower Upper

88 100

43 31.5 0.0 0.0#

58 74.2 59.0 88.6



#50

Toluene-d8

Concen: 97.105 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY013832.D

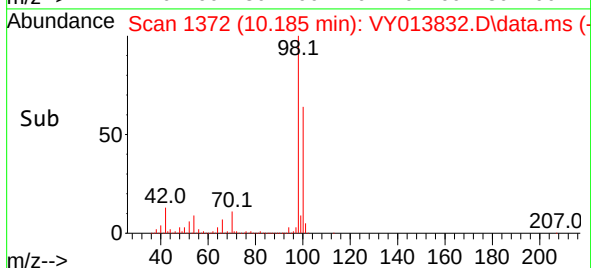
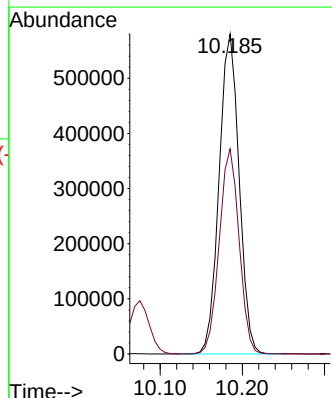
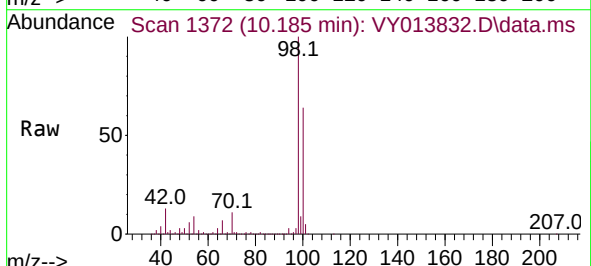
Acq: 23 May 2023 12:53

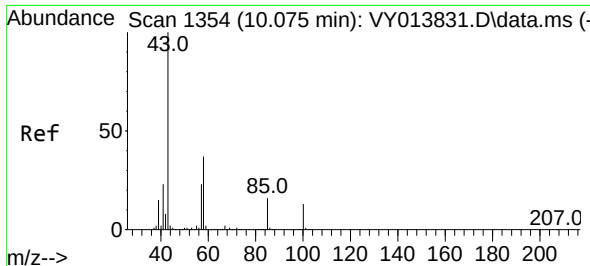
Tgt Ion: 98 Resp: 982172

Ion Ratio Lower Upper

98 100

100 63.5 50.8 76.2

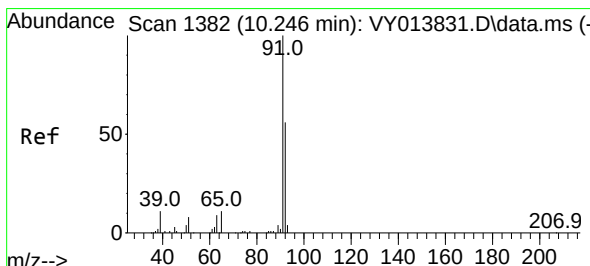
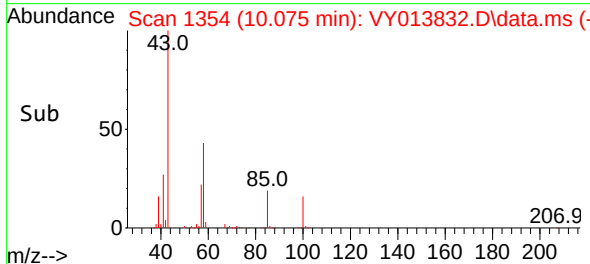
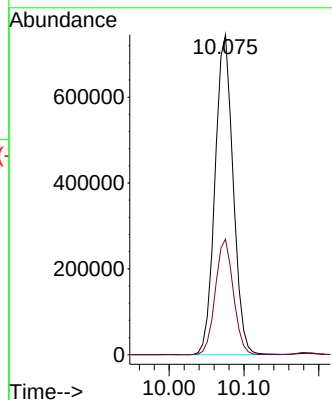
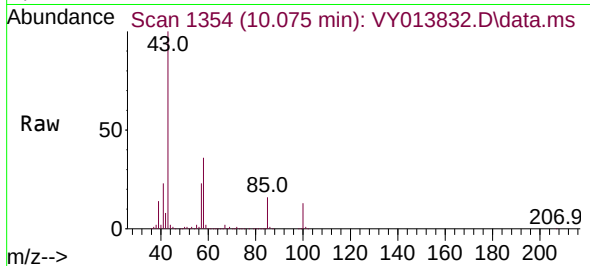




#51
4-Methyl-2-Pentanone
Concen: 521.795 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY013832.D
Acq: 23 May 2023 12:53

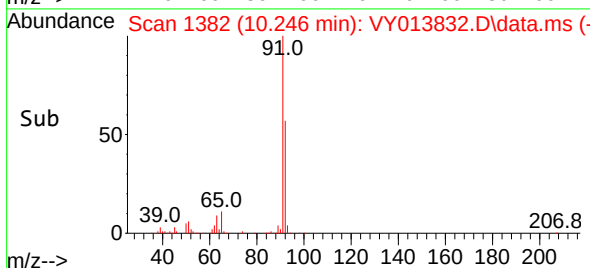
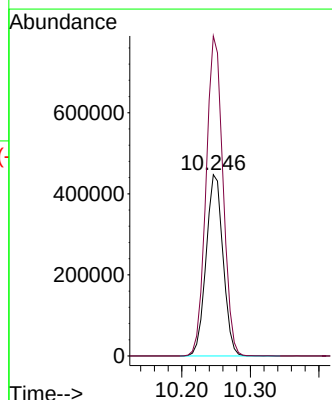
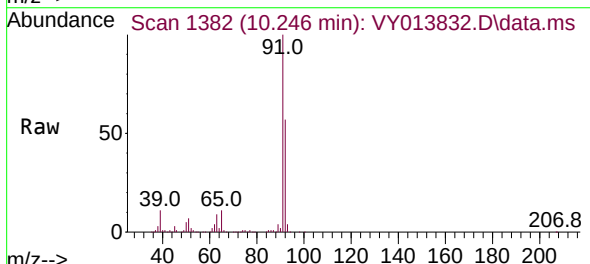
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

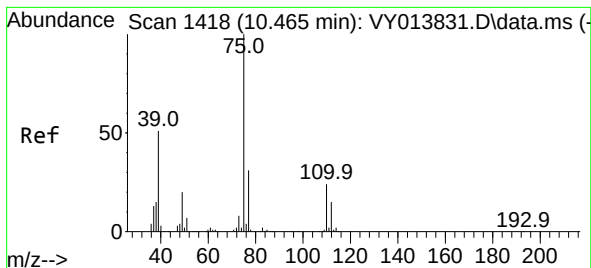
Tgt Ion: 43 Resp: 1252900
Ion Ratio Lower Upper
43 100
58 36.0 29.1 43.7



#52
Toluene
Concen: 108.321 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY013832.D
Acq: 23 May 2023 12:53

Tgt Ion: 92 Resp: 768921
Ion Ratio Lower Upper
92 100
91 176.1 142.2 213.4

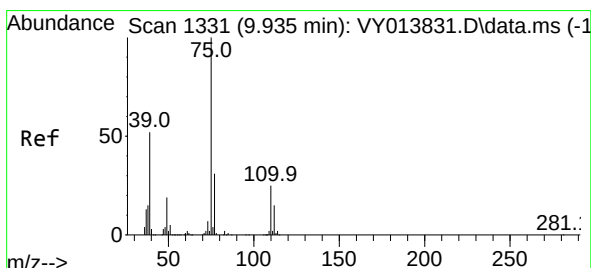
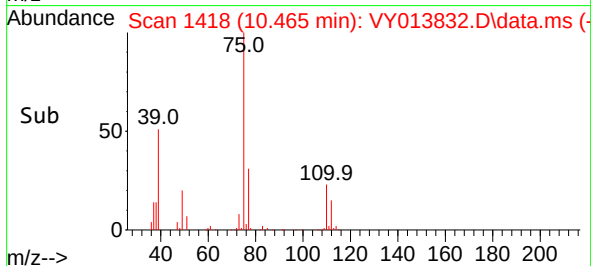
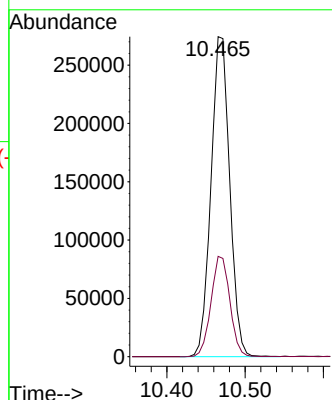
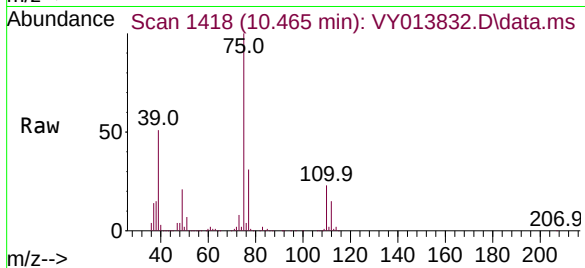




#53
t-1,3-Dichloropropene
Concen: 107.572 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY013832.D
Acq: 23 May 2023 12:53

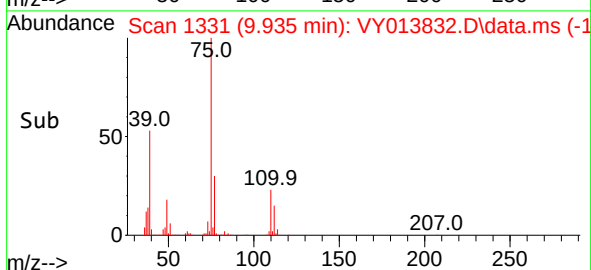
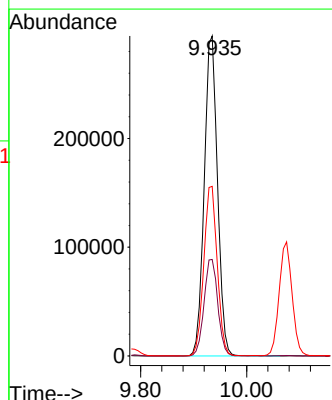
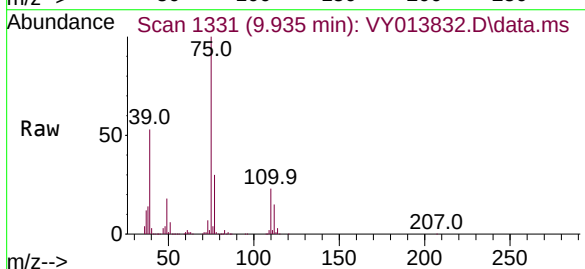
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

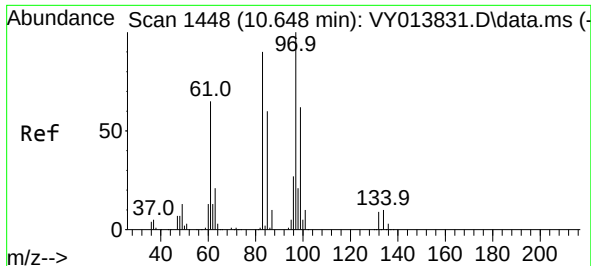
Tgt Ion: 75 Resp: 455798
Ion Ratio Lower Upper
75 100
77 31.3 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 107.216 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.000 min
Lab File: VY013832.D
Acq: 23 May 2023 12:53

Tgt Ion: 75 Resp: 508936
Ion Ratio Lower Upper
75 100
77 30.1 24.8 37.2
39 53.0 41.8 62.8



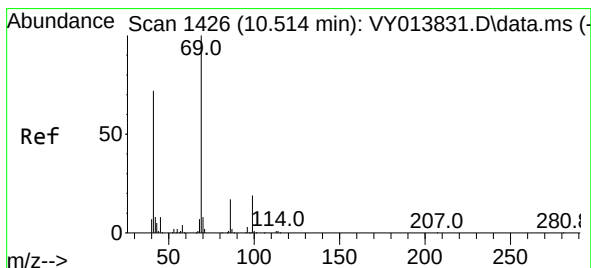
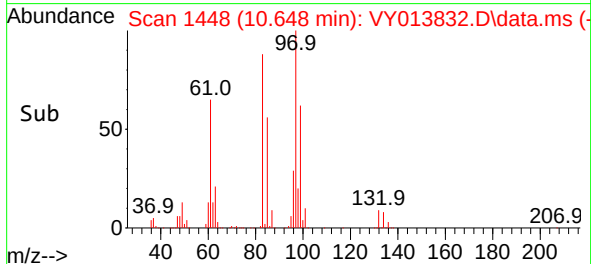
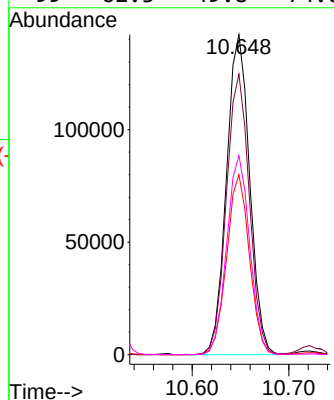
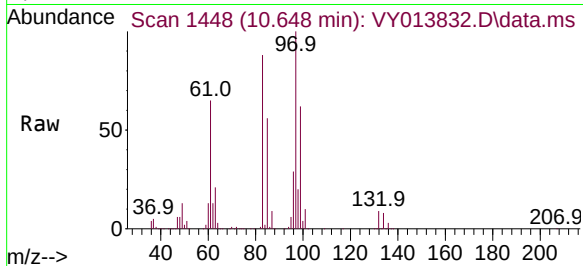


#55
1,1,2-Trichloroethane
Concen: 103.321 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY013832.D
Acq: 23 May 2023 12:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 97 Resp: 237424

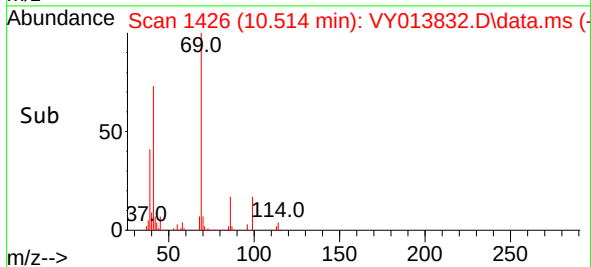
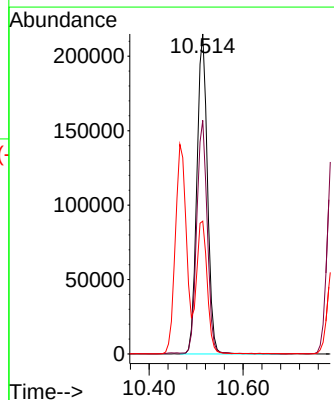
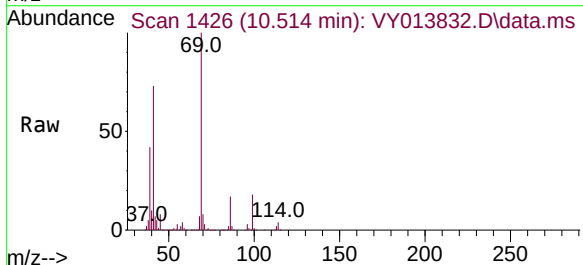
Ion	Ratio	Lower	Upper
97	100		
83	87.7	71.9	107.9
85	56.2	47.6	71.4
99	62.3	49.8	74.6

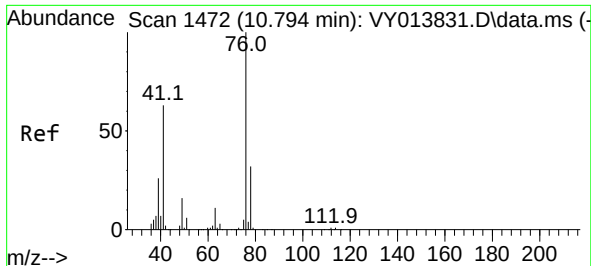


#56
Ethyl methacrylate
Concen: 109.969 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VY013832.D
Acq: 23 May 2023 12:53

Tgt Ion: 69 Resp: 337326

Ion	Ratio	Lower	Upper
69	100		
41	72.5	57.8	86.6
39	41.8	33.9	50.9





#57

1,3-Dichloropropane

Concen: 103.695 ug/l

RT: 10.795 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VY013832.D

Acq: 23 May 2023 12:53

Instrument :

MSVOA_Y

ClientSampleId :

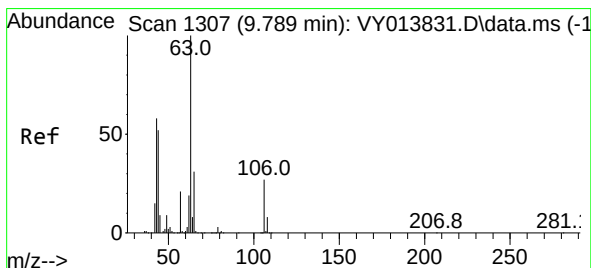
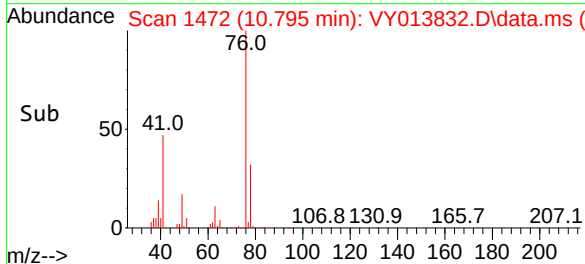
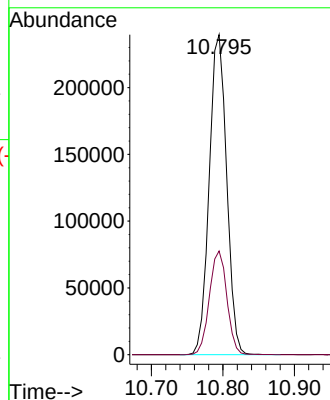
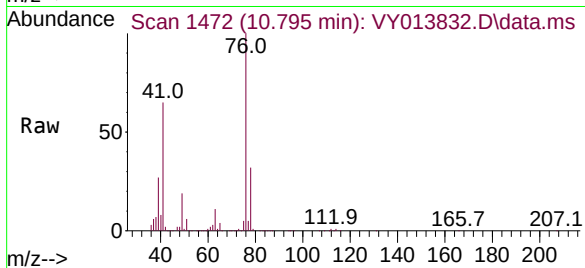
VSTDIC100

Tgt Ion: 76 Resp: 405819

Ion Ratio Lower Upper

76 100

78 32.4 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 465.934 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VY013832.D

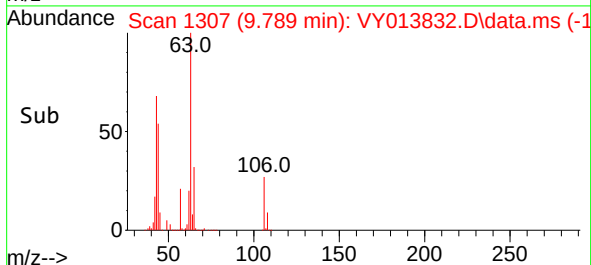
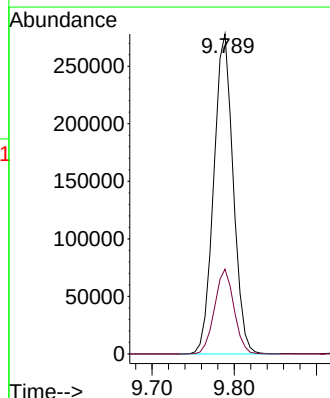
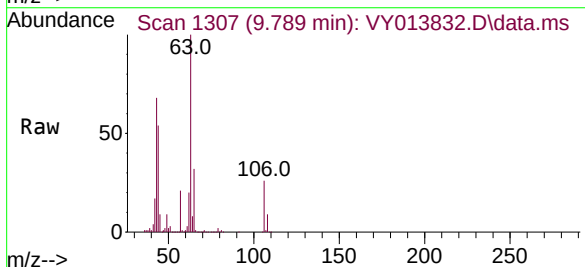
Acq: 23 May 2023 12:53

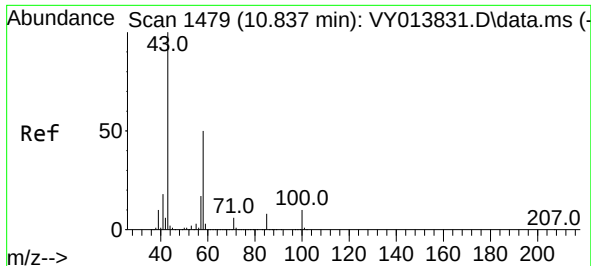
Tgt Ion: 63 Resp: 456037

Ion Ratio Lower Upper

63 100

106 26.5 21.3 31.9

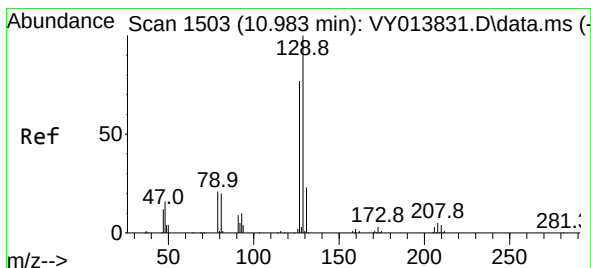
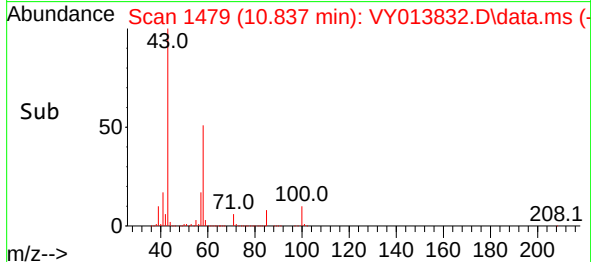
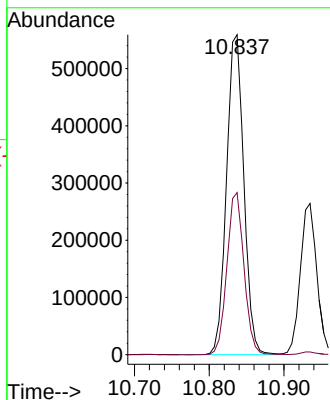
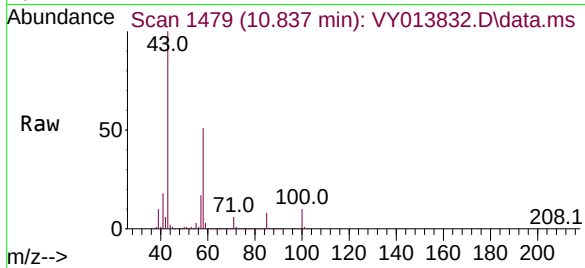




#59
2-Hexanone
Concen: 528.567 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY013832.D
Acq: 23 May 2023 12:53

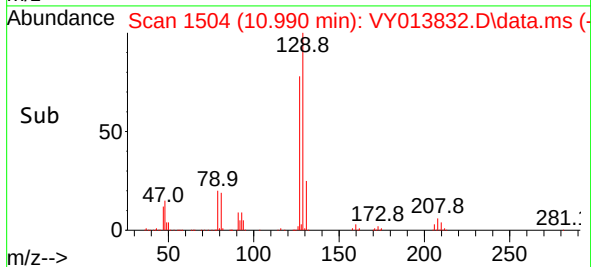
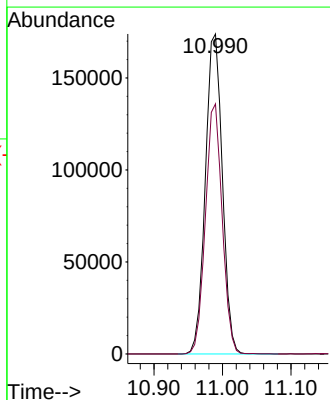
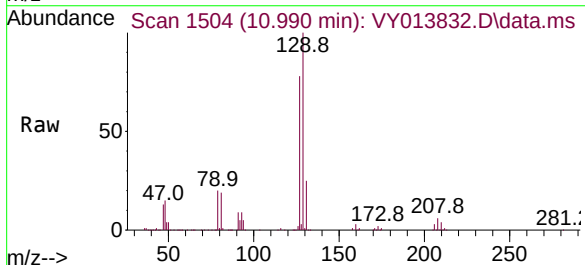
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

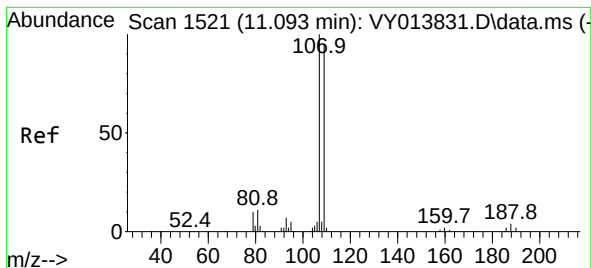
Tgt Ion: 43 Resp: 902772
Ion Ratio Lower Upper
43 100
58 49.9 24.8 74.3



#60
Dibromochloromethane
Concen: 103.324 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY013832.D
Acq: 23 May 2023 12:53

Tgt Ion: 129 Resp: 300343
Ion Ratio Lower Upper
129 100
127 77.1 38.6 116.0

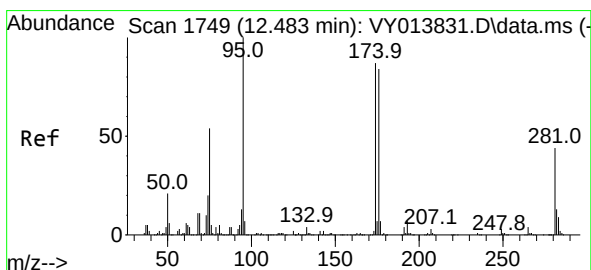
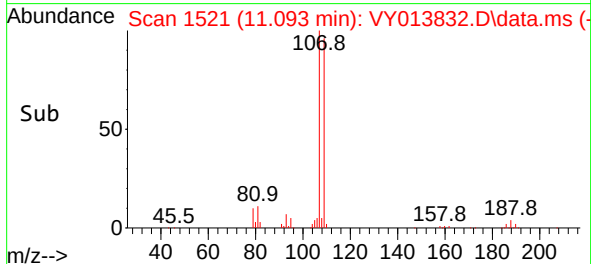
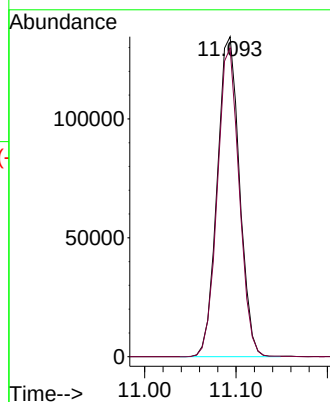
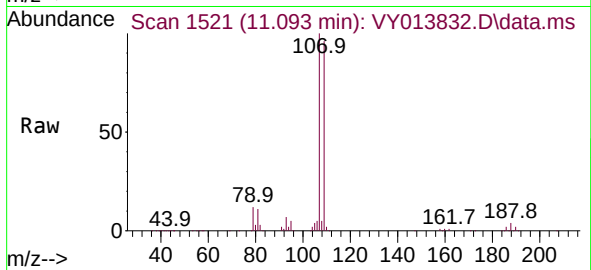




#61
1,2-Dibromoethane
Concen: 104.415 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY013832.D
Acq: 23 May 2023 12:53

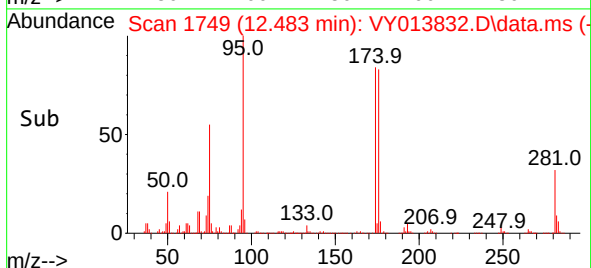
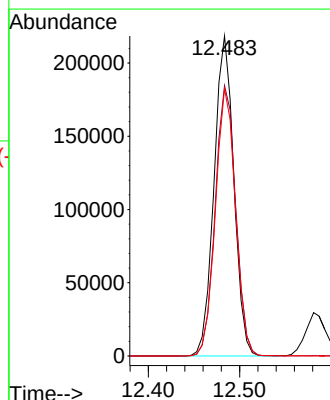
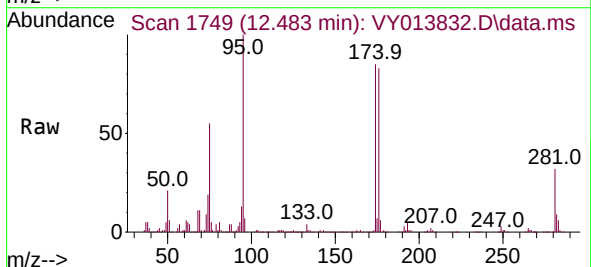
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

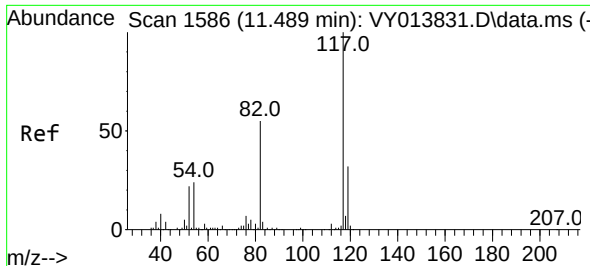
Tgt Ion:107 Resp: 228253
Ion Ratio Lower Upper
107 100
109 94.5 74.9 112.3



#62
4-Bromofluorobenzene
Concen: 97.553 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013832.D
Acq: 23 May 2023 12:53

Tgt Ion: 95 Resp: 327980
Ion Ratio Lower Upper
95 100
174 87.6 0.0 176.0
176 85.0 0.0 170.2

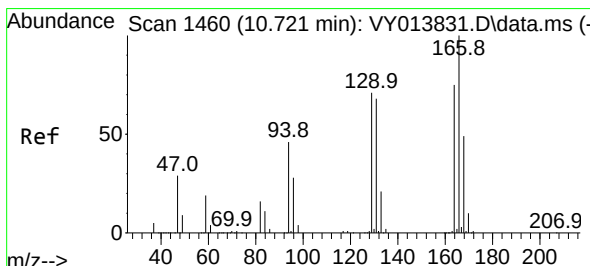
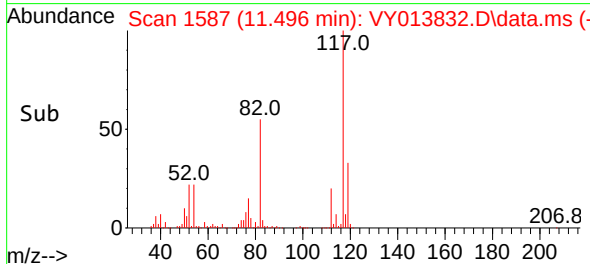
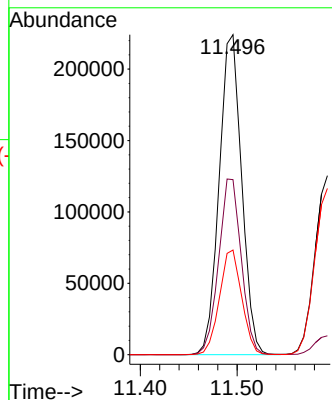
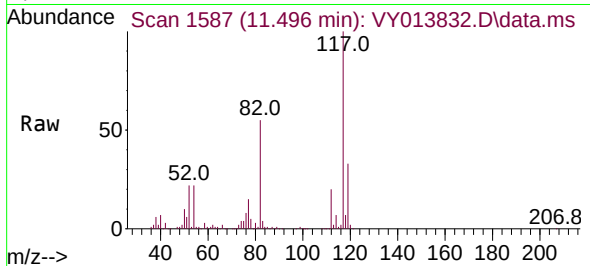




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013832.D
Acq: 23 May 2023 12:53

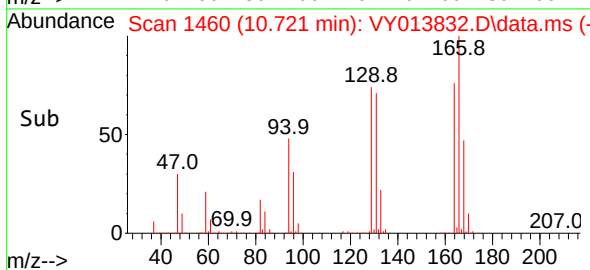
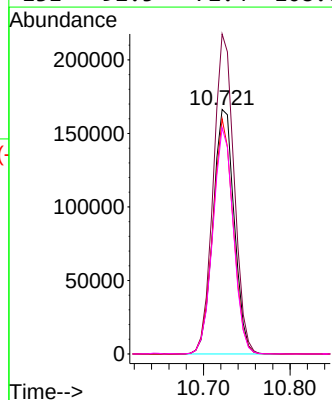
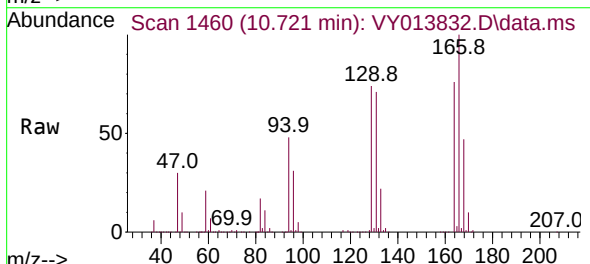
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

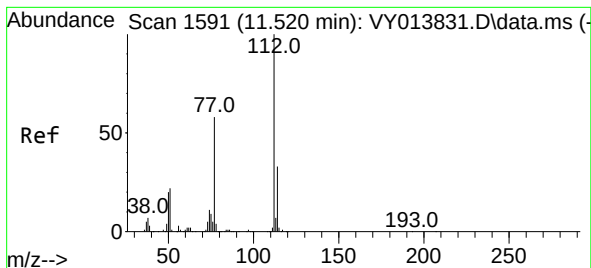
Tgt Ion:117 Resp: 361332
Ion Ratio Lower Upper
117 100
82 54.7 44.2 66.4
119 32.7 25.7 38.5



#64
Tetrachloroethene
Concen: 105.541 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY013832.D
Acq: 23 May 2023 12:53

Tgt Ion:164 Resp: 282164
Ion Ratio Lower Upper
164 100
166 130.9 106.2 159.2
129 96.2 75.4 113.0
131 92.5 72.4 108.6





#65

Chlorobenzene

Concen: 104.346 ug/l

RT: 11.520 min Scan# 1591

Delta R.T. 0.000 min

Lab File: VY013832.D

Acq: 23 May 2023 12:53

Instrument :

MSVOA_Y

ClientSampleId :

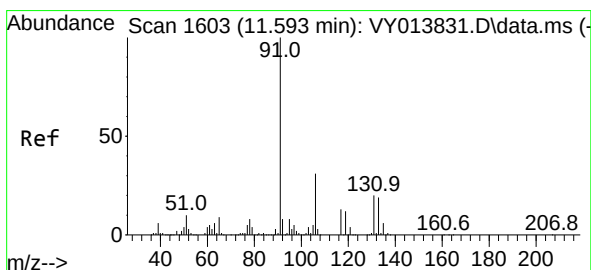
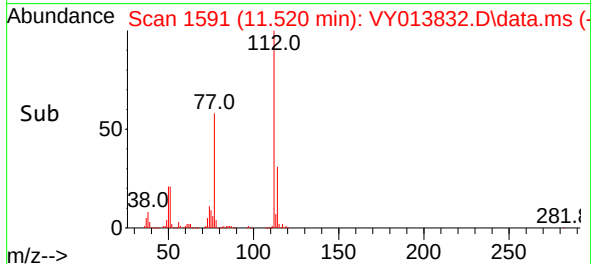
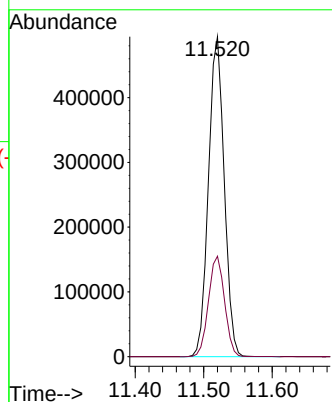
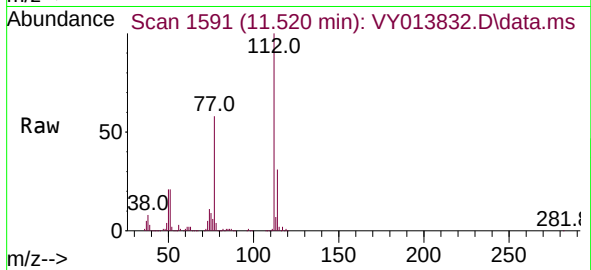
VSTDIC100

Tgt Ion:112 Resp: 790220

Ion Ratio Lower Upper

112 100

114 31.4 26.2 39.2



#66

1,1,1,2-Tetrachloroethane

Concen: 103.666 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY013832.D

Acq: 23 May 2023 12:53

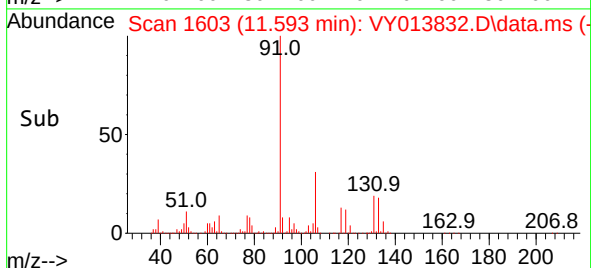
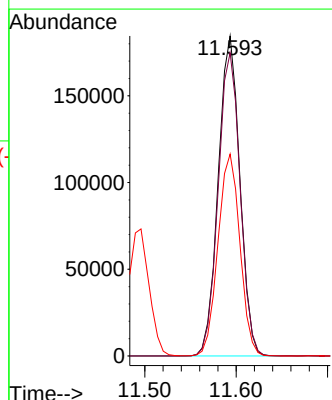
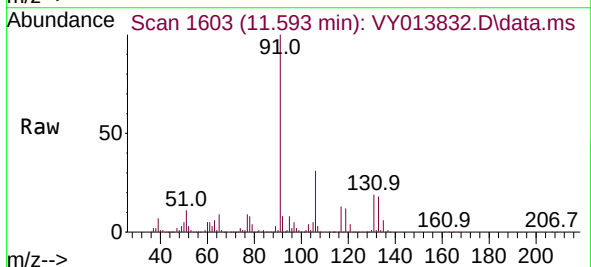
Tgt Ion:131 Resp: 303002

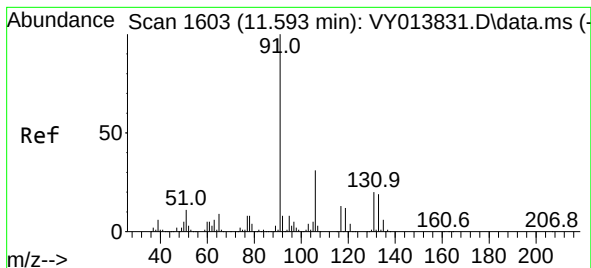
Ion Ratio Lower Upper

131 100

133 96.1 47.9 143.7

119 64.0 32.1 96.5





#67

Ethyl Benzene

Concen: 109.476 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY013832.D

Acq: 23 May 2023 12:53

Instrument :

MSVOA_Y

ClientSampleId :

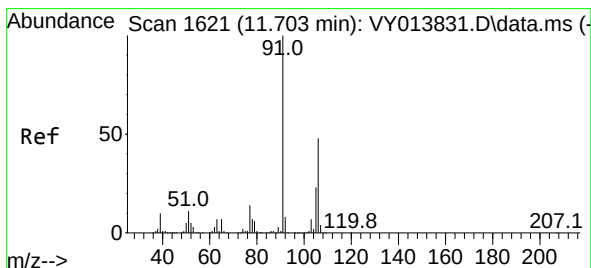
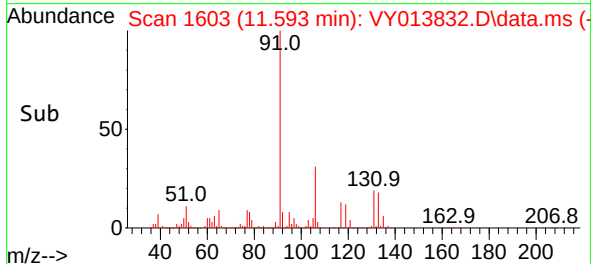
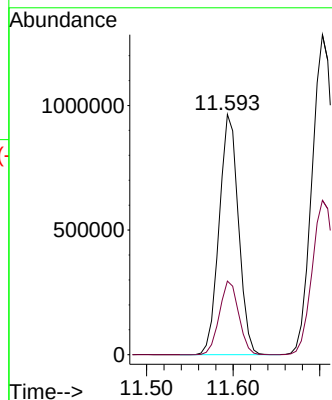
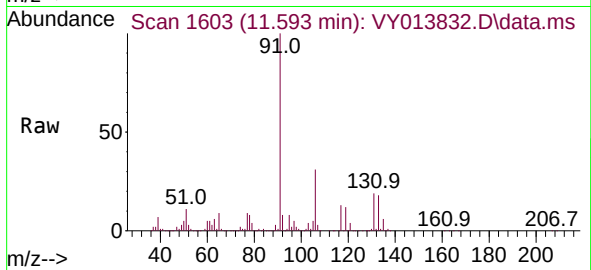
VSTDIC100

Tgt Ion: 91 Resp: 1491968

Ion Ratio Lower Upper

91 100

106 30.6 24.7 37.1



#68

m/p-Xylenes

Concen: 217.977 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY013832.D

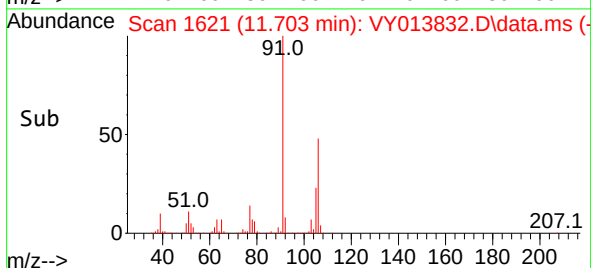
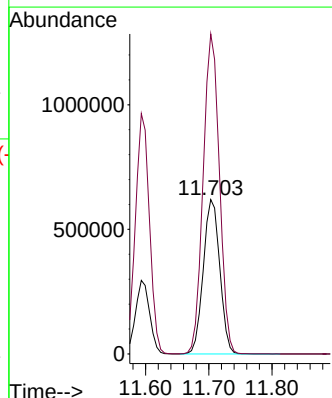
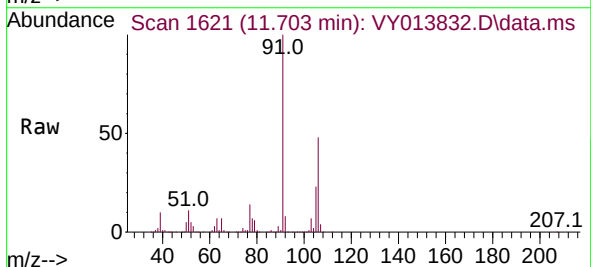
Acq: 23 May 2023 12:53

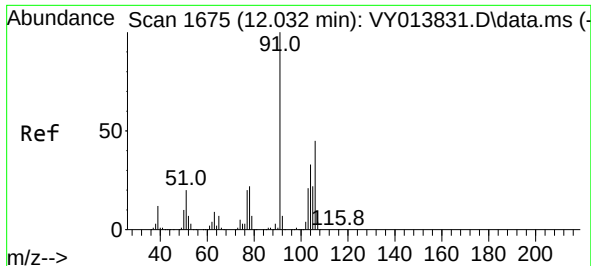
Tgt Ion:106 Resp: 1124215

Ion Ratio Lower Upper

106 100

91 204.9 164.9 247.3

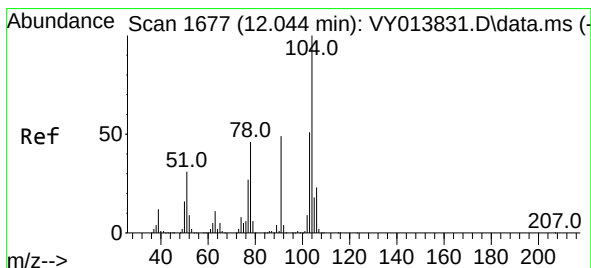
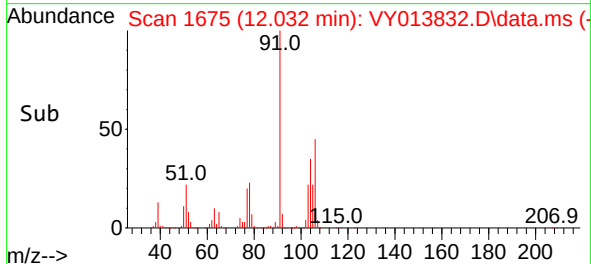
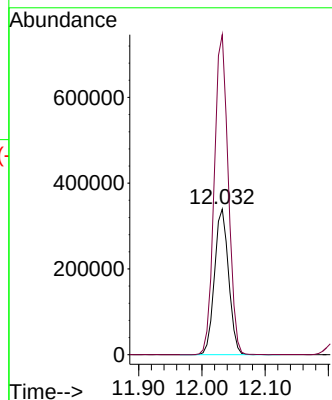
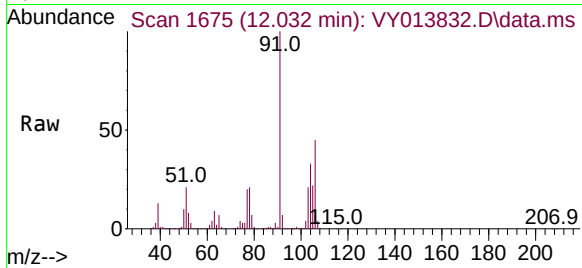




#69
o-Xylene
Concen: 108.244 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY013832.D
Acq: 23 May 2023 12:53

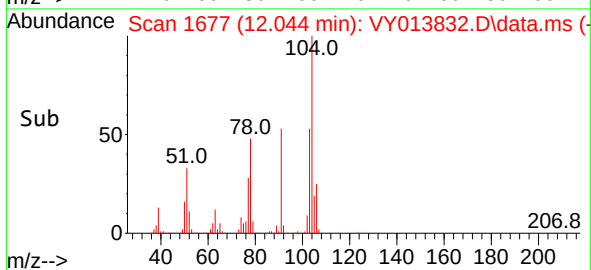
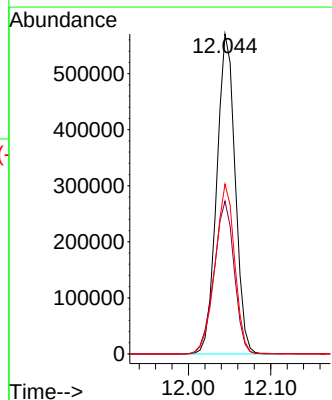
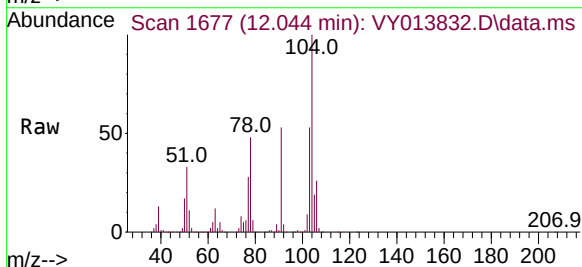
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

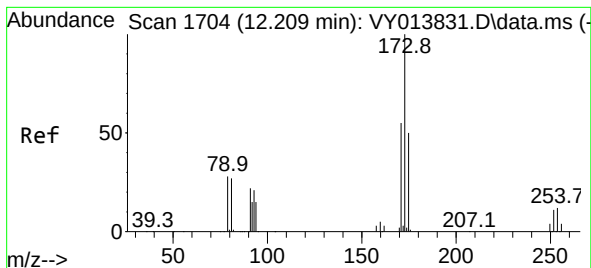
Tgt Ion:106 Resp: 525866
Ion Ratio Lower Upper
106 100
91 218.6 109.0 327.0



#70
Styrene
Concen: 108.002 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013832.D
Acq: 23 May 2023 12:53

Tgt Ion:104 Resp: 888782
Ion Ratio Lower Upper
104 100
78 52.3 40.8 61.2
103 56.2 44.2 66.4





#71

Bromoform

Concen: 102.727 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013832.D

Acq: 23 May 2023 12:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

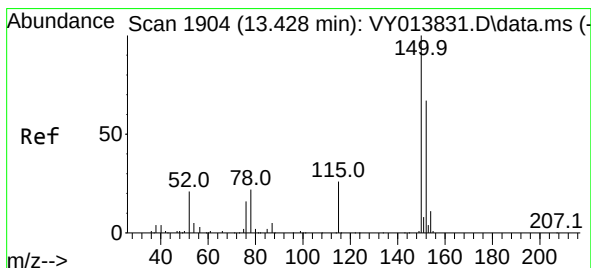
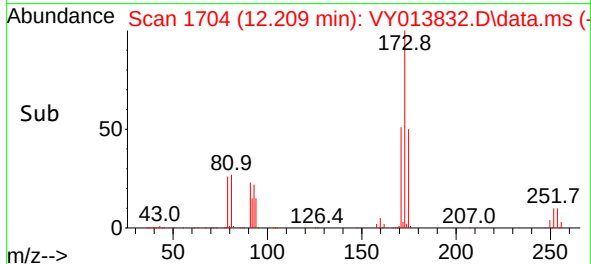
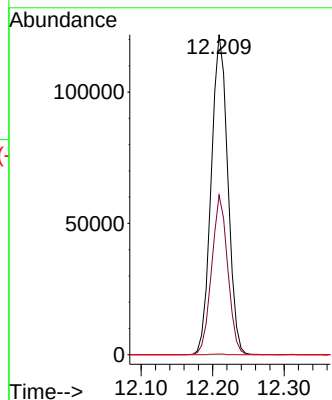
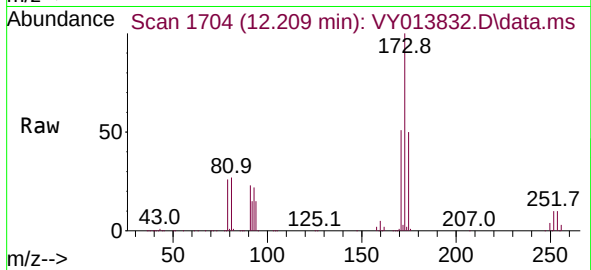
Tgt Ion:173 Resp: 196246

Ion Ratio Lower Upper

173 100

175 48.3 25.1 75.4

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY013832.D

Acq: 23 May 2023 12:53

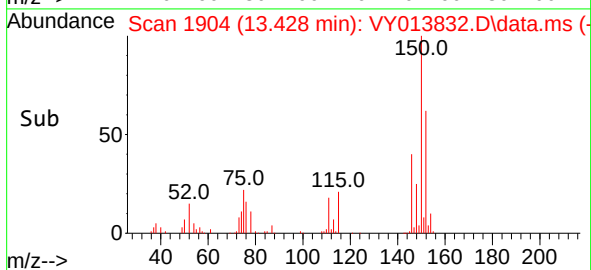
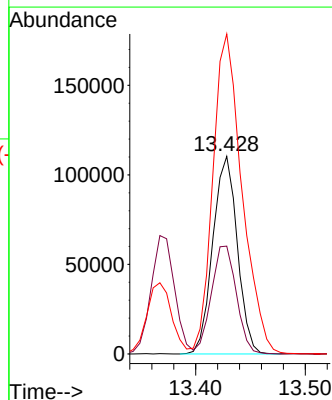
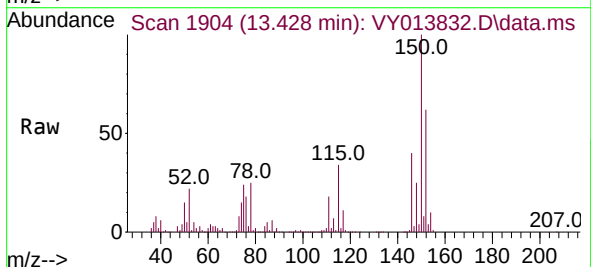
Tgt Ion:152 Resp: 171249

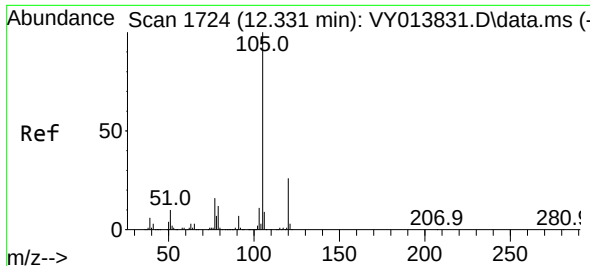
Ion Ratio Lower Upper

152 100

115 55.9 28.8 86.5

150 193.0 0.0 353.4

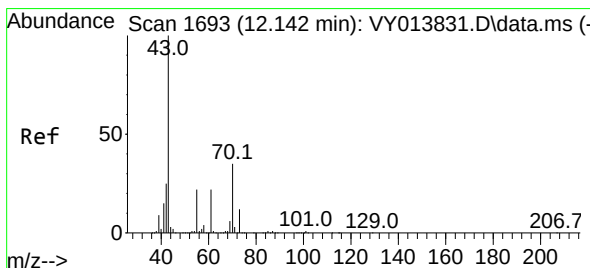
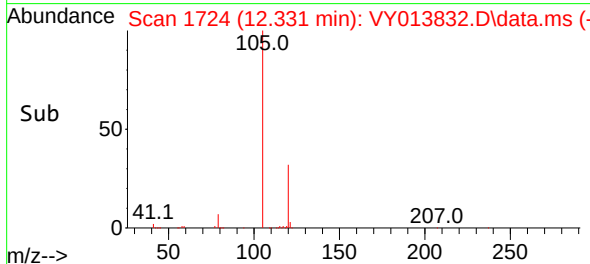
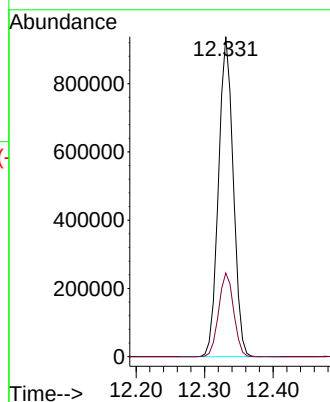
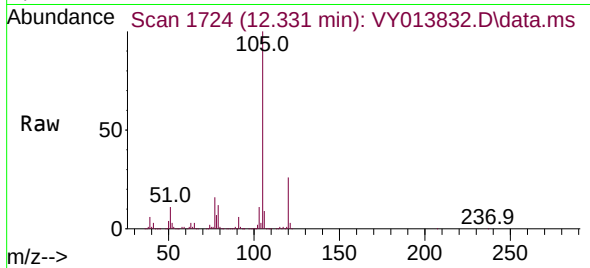




#73
Isopropylbenzene
Concen: 109.635 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY013832.D
Acq: 23 May 2023 12:53

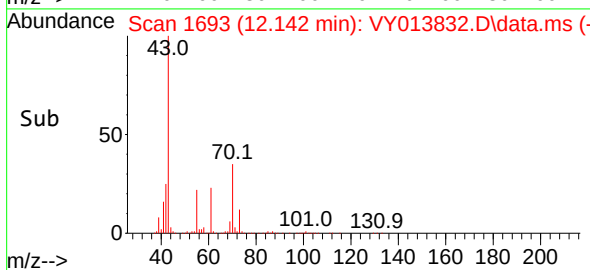
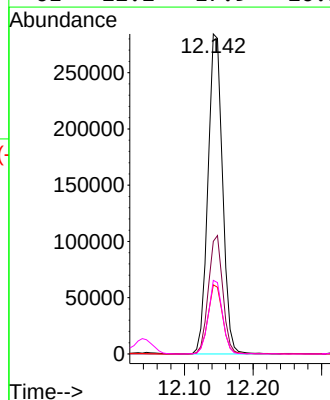
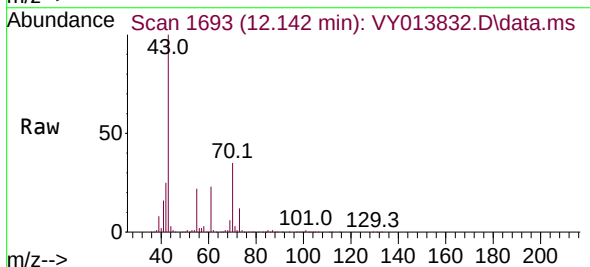
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

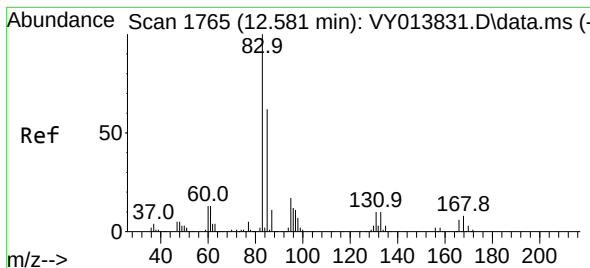
Tgt Ion:105 Resp: 1397398
Ion Ratio Lower Upper
105 100
120 26.5 13.2 39.6



#74
N-ethyl acetate
Concen: 109.763 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY013832.D
Acq: 23 May 2023 12:53

Tgt Ion: 43 Resp: 420627
Ion Ratio Lower Upper
43 100
70 36.4 29.3 43.9
55 21.7 18.0 27.0
61 22.2 17.9 26.9





#75

1,1,2,2-Tetrachloroethane

Concen: 103.349 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY013832.D

Acq: 23 May 2023 12:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

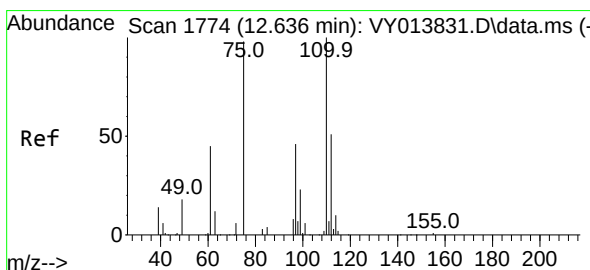
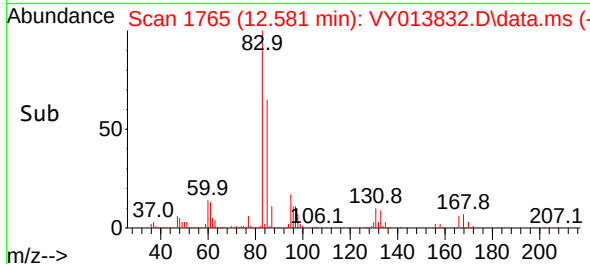
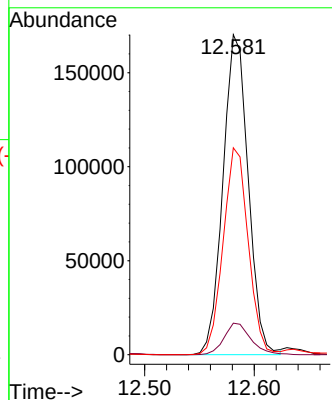
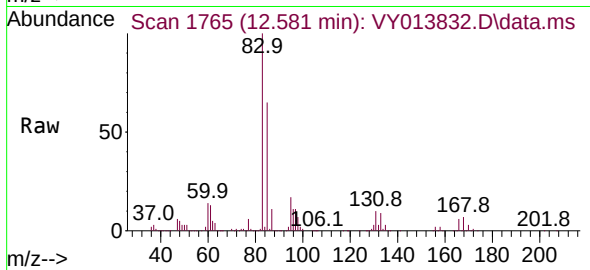
Tgt Ion: 83 Resp: 272690

Ion Ratio Lower Upper

83 100

131 10.4 5.3 16.1

85 64.3 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 183.493 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY013832.D

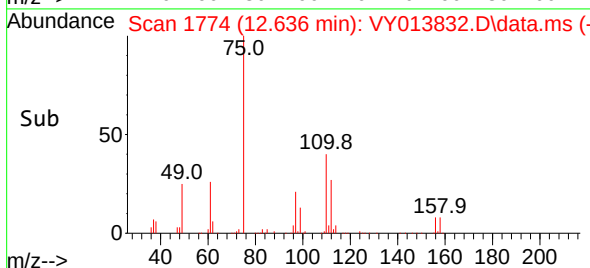
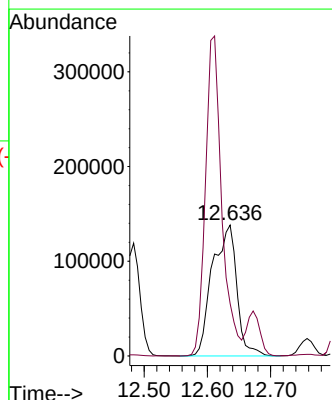
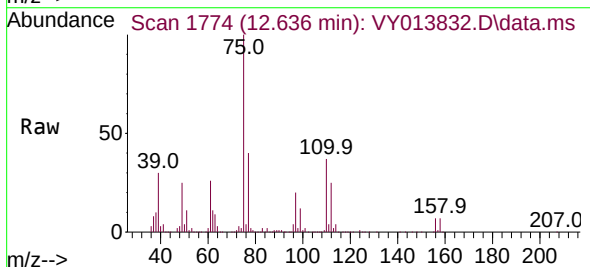
Acq: 23 May 2023 12:53

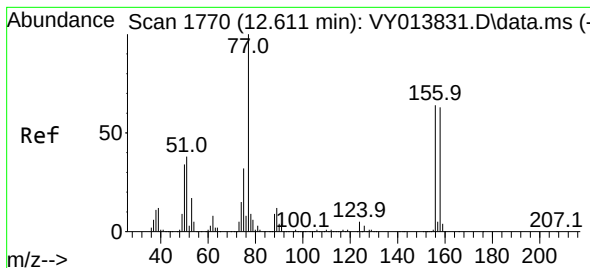
Tgt Ion: 75 Resp: 370519

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 105.417 ug/l

RT: 12.611 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013832.D

Acq: 23 May 2023 12:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

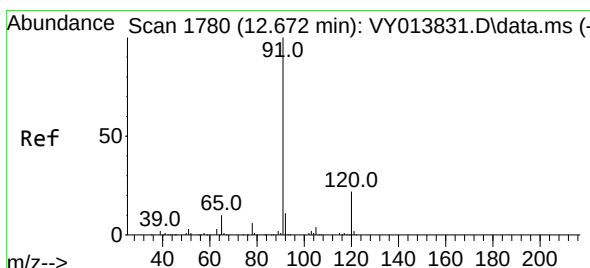
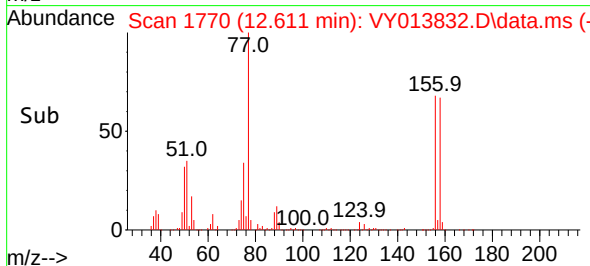
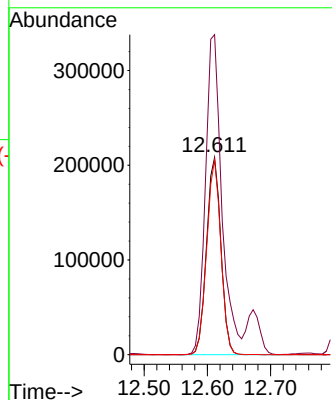
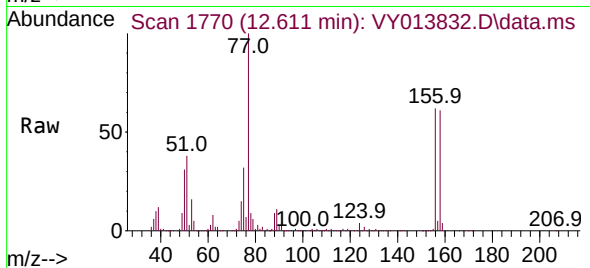
Tgt Ion:156 Resp: 329689

Ion Ratio Lower Upper

156 100

77 184.8 91.6 274.8

158 97.3 48.9 146.6



#78

n-propylbenzene

Concen: 108.765 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY013832.D

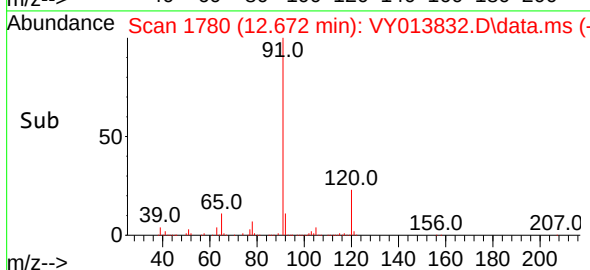
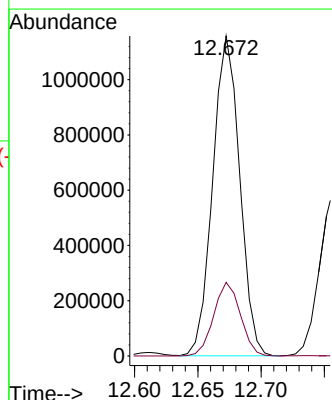
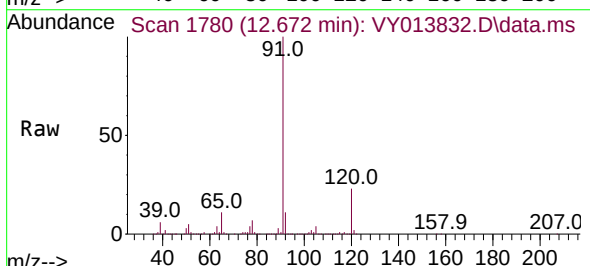
Acq: 23 May 2023 12:53

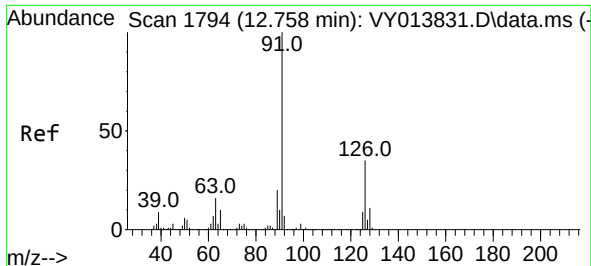
Tgt Ion: 91 Resp: 1712661

Ion Ratio Lower Upper

91 100

120 22.8 11.3 33.9





#79

2-Chlorotoluene

Concen: 107.727 ug/l

RT: 12.758 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013832.D

Acq: 23 May 2023 12:53

Instrument :

MSVOA_Y

ClientSampleId :

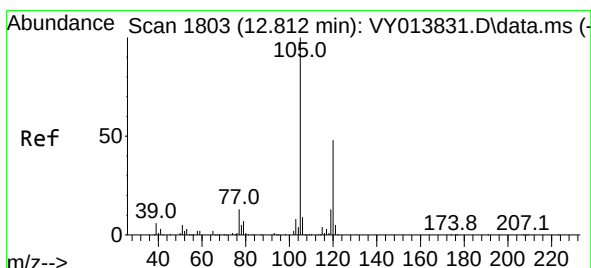
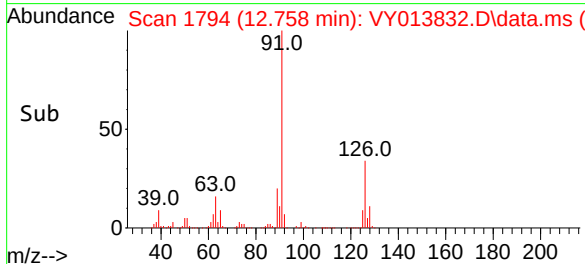
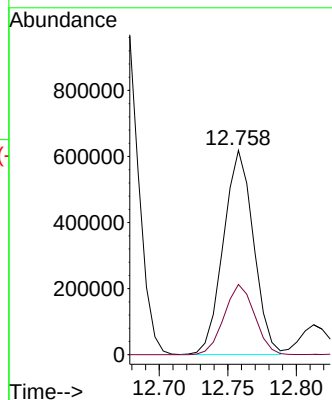
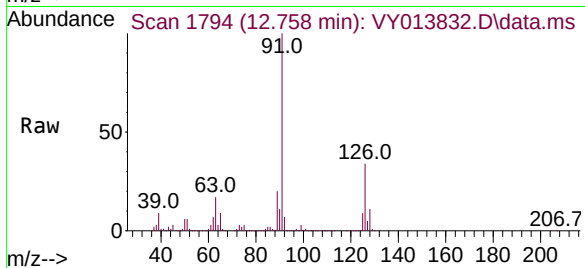
VSTDICC100

Tgt Ion: 91 Resp: 947510

Ion Ratio Lower Upper

91 100

126 34.7 17.8 53.4



#80

1,3,5-Trimethylbenzene

Concen: 107.553 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY013832.D

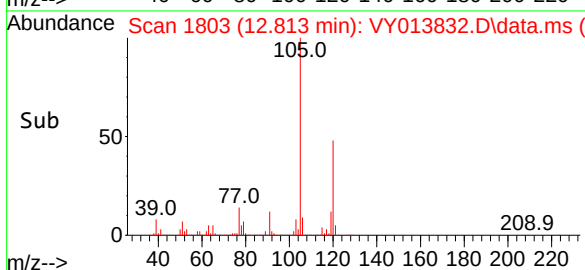
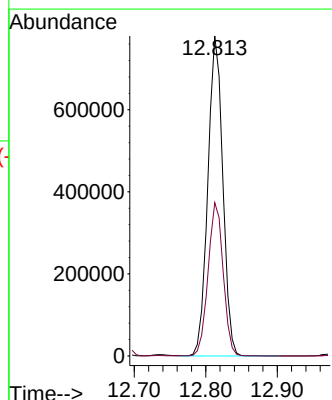
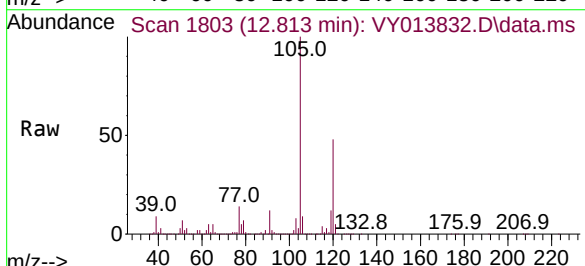
Acq: 23 May 2023 12:53

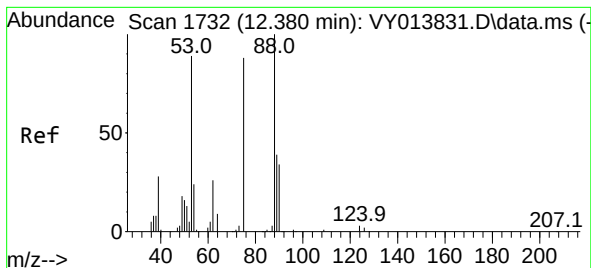
Tgt Ion:105 Resp: 1131578

Ion Ratio Lower Upper

105 100

120 48.4 23.9 71.7

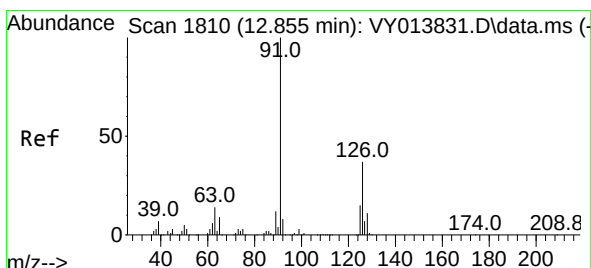
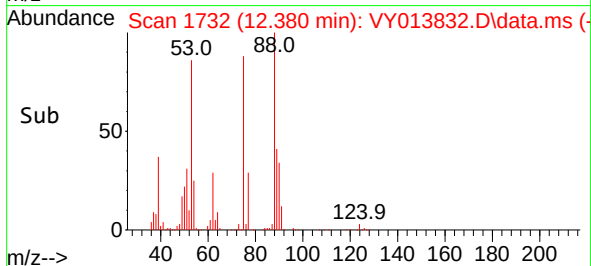
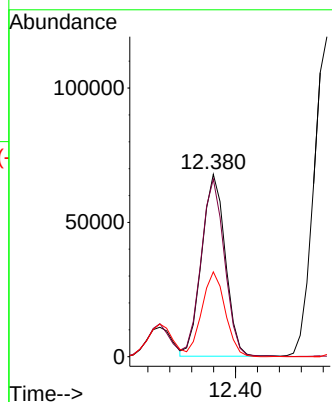
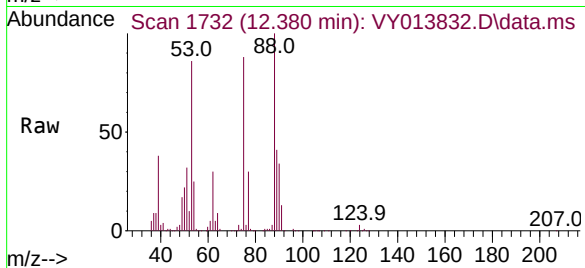




#81
trans-1,4-Dichloro-2-butene
Concen: 108.853 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY013832.D
Acq: 23 May 2023 12:53

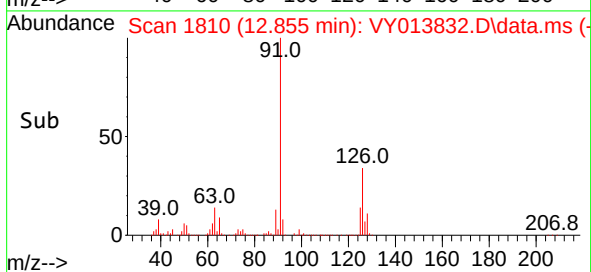
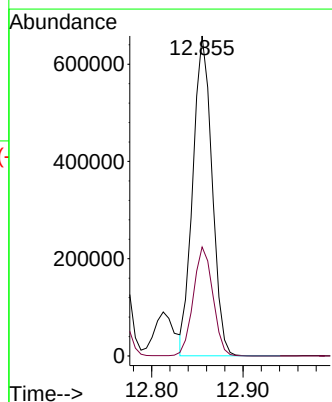
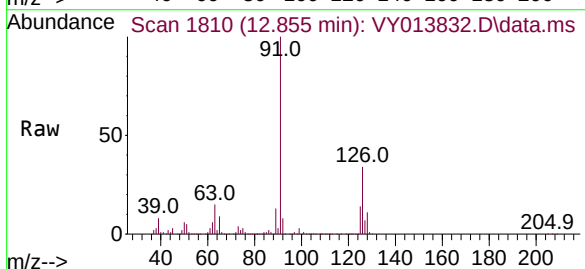
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

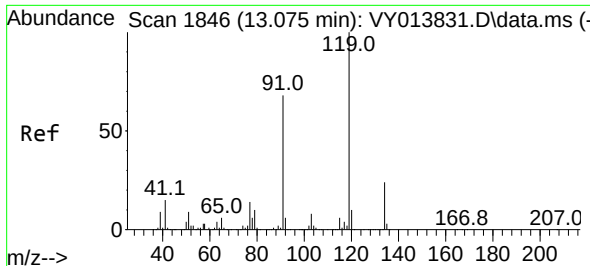
Tgt Ion: 75 Resp: 101259
Ion Ratio Lower Upper
75 100
53 97.3 79.7 119.5
89 45.9 36.4 54.6



#82
4-Chlorotoluene
Concen: 105.593 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013832.D
Acq: 23 May 2023 12:53

Tgt Ion: 91 Resp: 959931
Ion Ratio Lower Upper
91 100
126 34.7 17.9 53.7

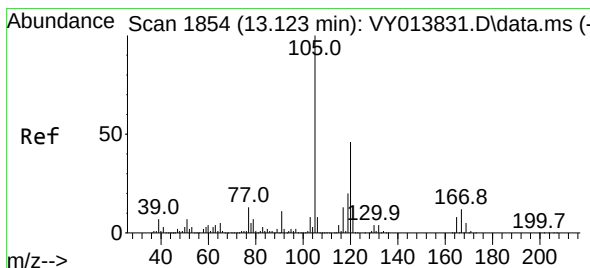
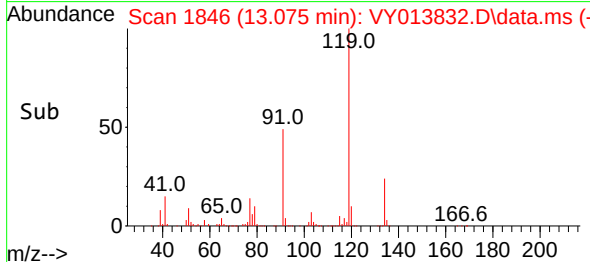
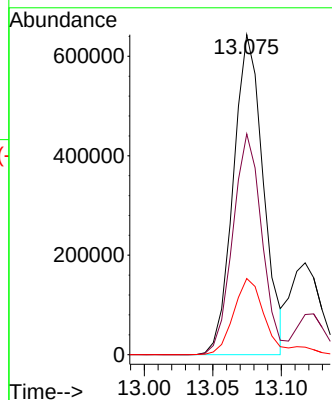
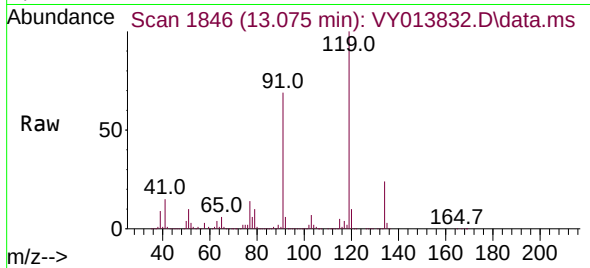




#83
tert-Butylbenzene
Concen: 107.114 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY013832.D
Acq: 23 May 2023 12:53

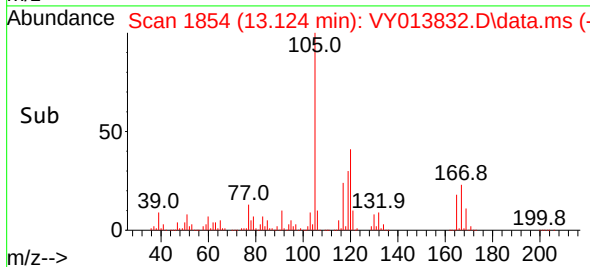
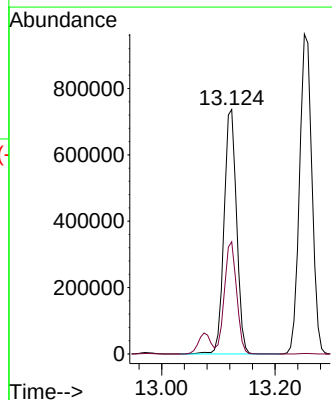
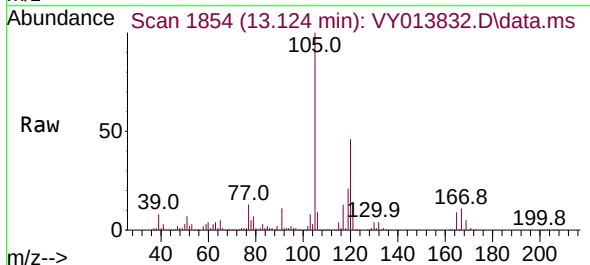
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

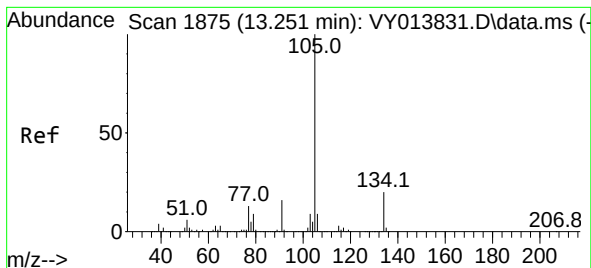
Tgt Ion:119 Resp: 981532
Ion Ratio Lower Upper
119 100
91 67.6 33.7 101.0
134 25.8 13.1 39.1



#84
1,2,4-Trimethylbenzene
Concen: 109.011 ug/l
RT: 13.124 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY013832.D
Acq: 23 May 2023 12:53

Tgt Ion:105 Resp: 1125826
Ion Ratio Lower Upper
105 100
120 44.8 22.4 67.3





#85

sec-Butylbenzene

Concen: 107.201 ug/l

RT: 13.252 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013832.D

Acq: 23 May 2023 12:53

Instrument :

MSVOA_Y

ClientSampleId :

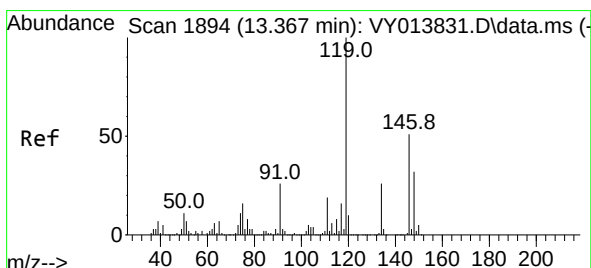
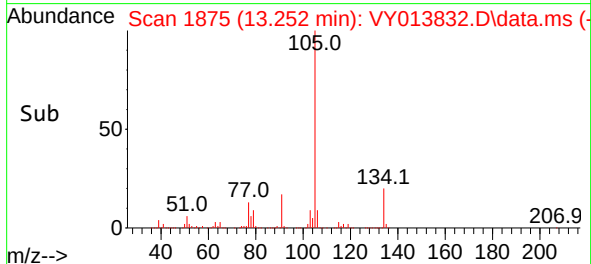
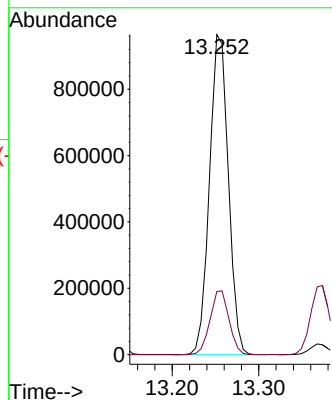
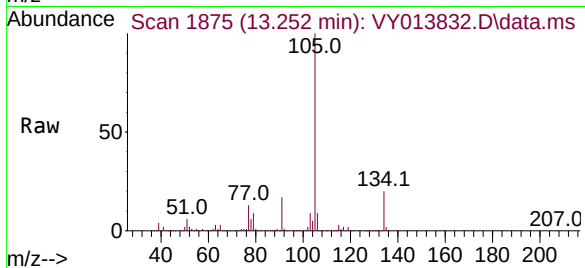
VSTDICC100

Tgt Ion:105 Resp: 1459229

Ion Ratio Lower Upper

105 100

134 20.1 10.3 30.8



#86

p-Isopropyltoluene

Concen: 107.286 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013832.D

Acq: 23 May 2023 12:53

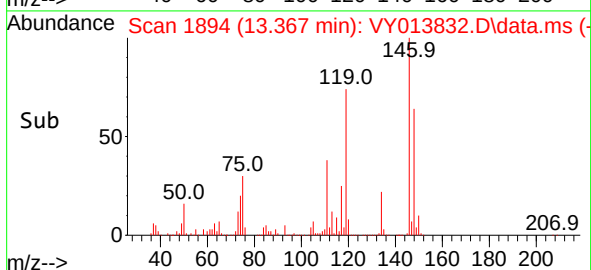
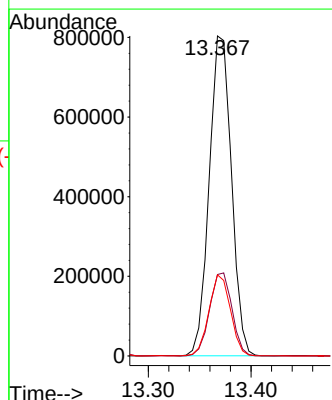
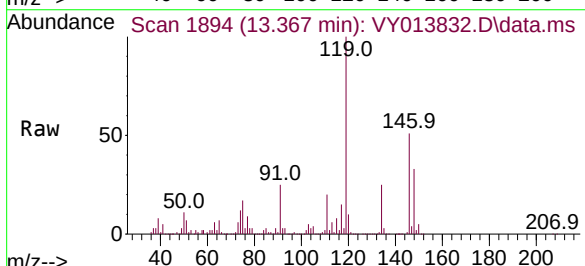
Tgt Ion:119 Resp: 1207029

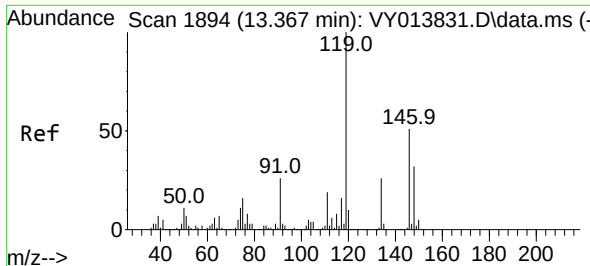
Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.9

91 24.5 12.4 37.4

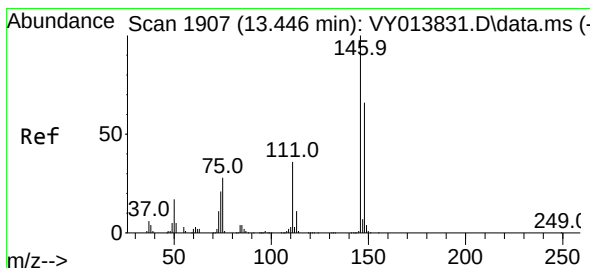
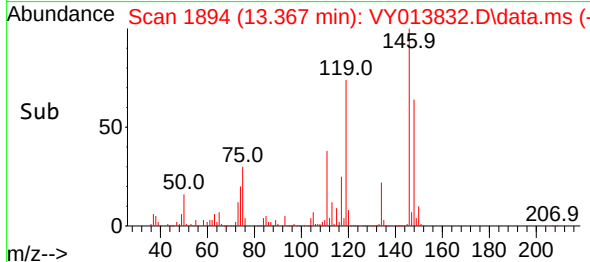
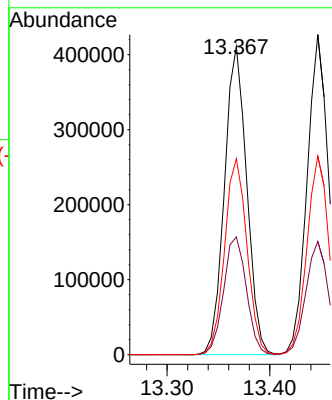
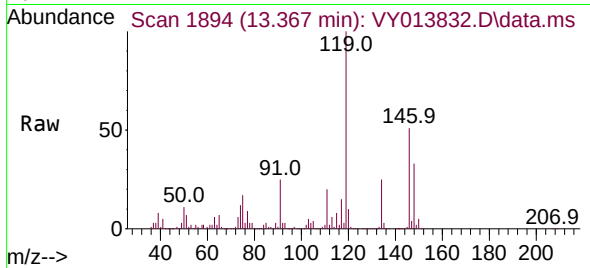




#87
1,3-Dichlorobenzene
Concen: 102.468 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY013832.D
Acq: 23 May 2023 12:53

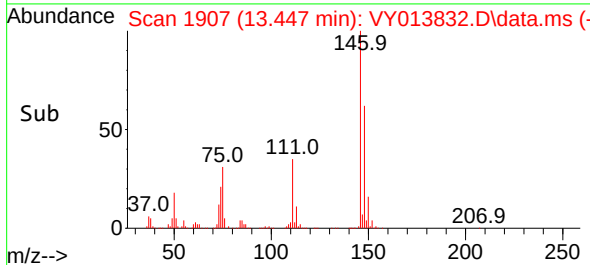
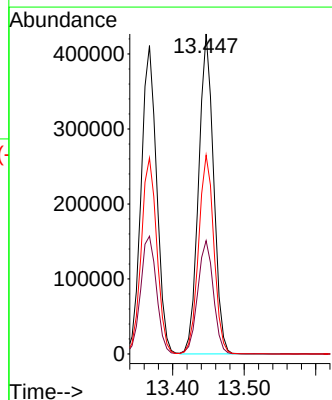
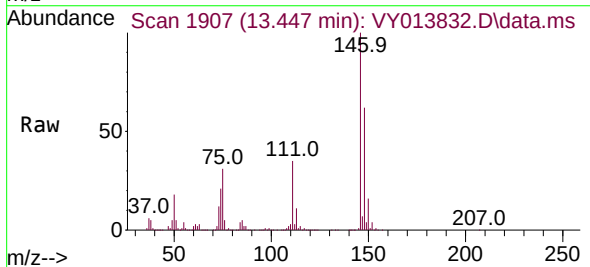
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

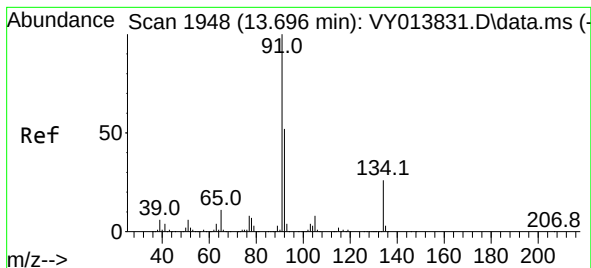
Tgt Ion:146 Resp: 618953
Ion Ratio Lower Upper
146 100
111 39.0 19.1 57.5
148 63.8 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 103.376 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY013832.D
Acq: 23 May 2023 12:53

Tgt Ion:146 Resp: 621674
Ion Ratio Lower Upper
146 100
111 36.7 18.6 55.8
148 63.4 32.4 97.2





#89

n-Butylbenzene

Concen: 108.915 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013832.D

Acq: 23 May 2023 12:53

Instrument :

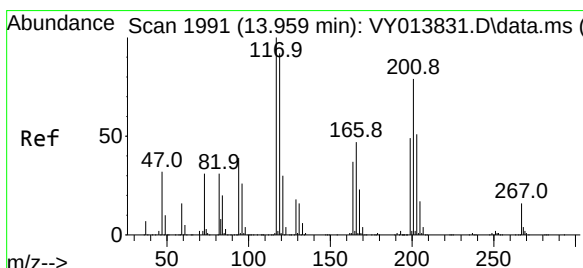
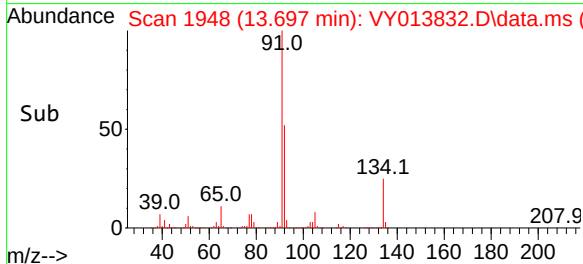
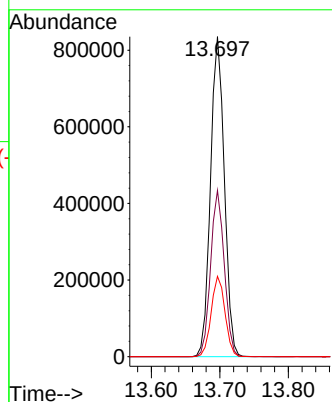
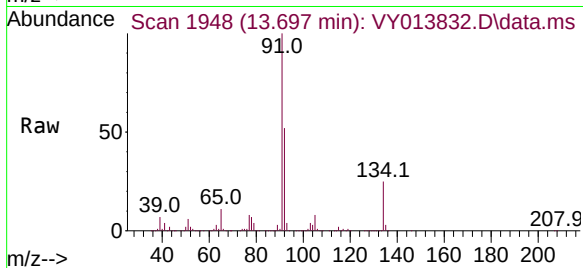
MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 91 Resp: 1175072

Ion	Ratio	Lower	Upper
91	100		
92	51.4	25.6	76.6
134	25.1	13.0	38.9



#90

Hexachloroethane

Concen: 102.923 ug/l

RT: 13.959 min Scan# 1991

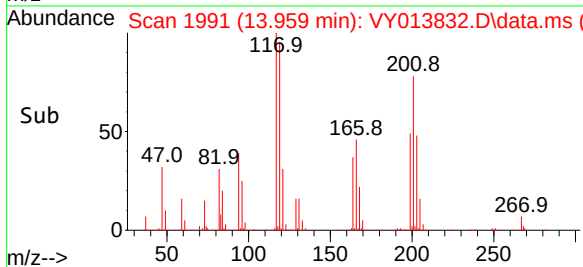
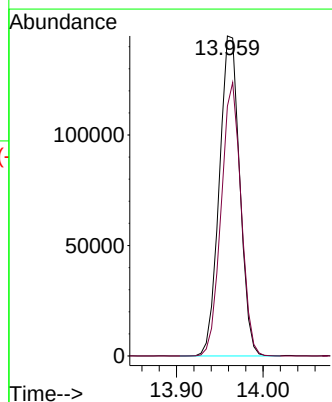
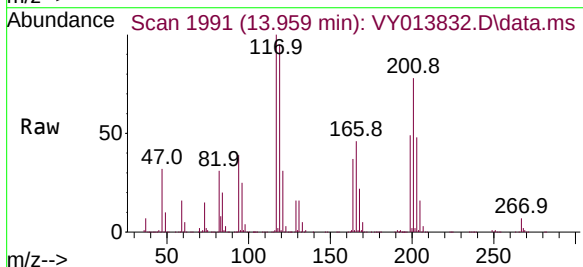
Delta R.T. 0.000 min

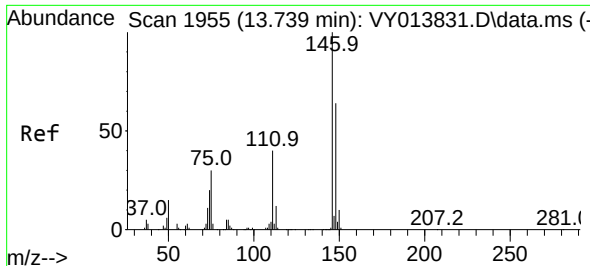
Lab File: VY013832.D

Acq: 23 May 2023 12:53

Tgt Ion: 117 Resp: 237746

Ion	Ratio	Lower	Upper
117	100		
201	82.8	42.3	126.8

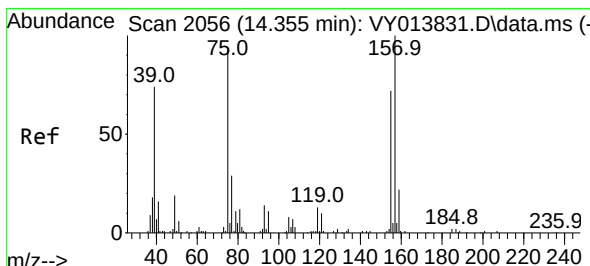
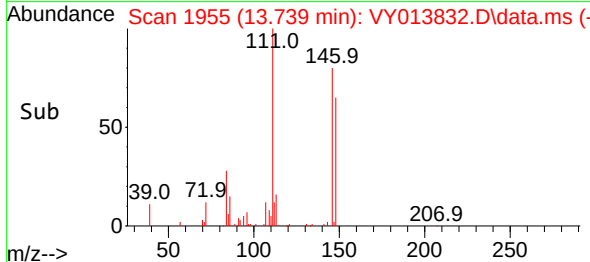
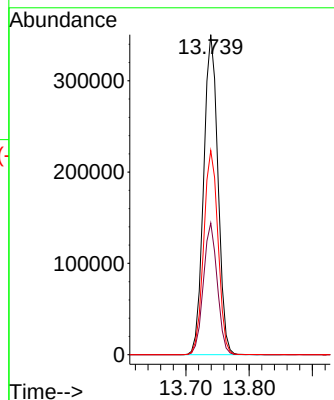
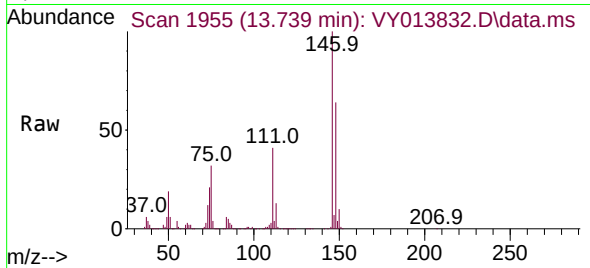




#91
 1,2-Dichlorobenzene
 Concen: 102.673 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: VY013832.D
 Acq: 23 May 2023 12:53

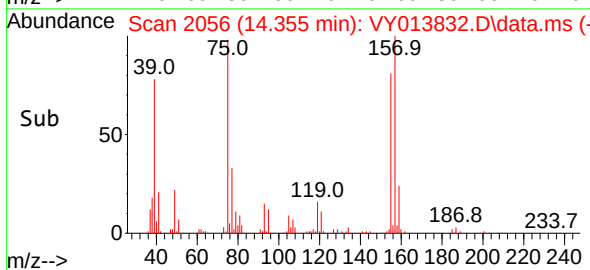
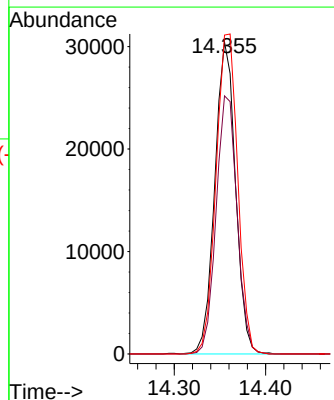
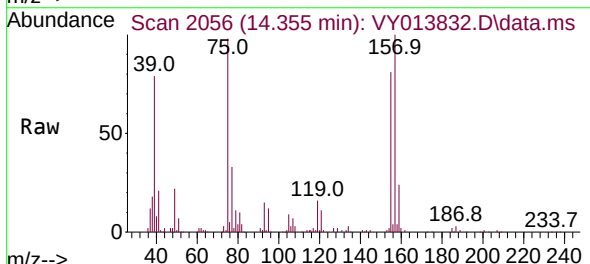
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

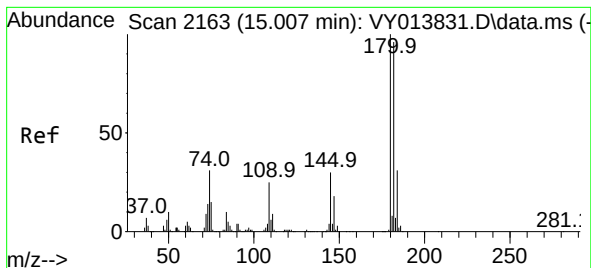
Tgt Ion:146 Resp: 551171
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.6 58.8
 148 64.0 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 103.693 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. 0.000 min
 Lab File: VY013832.D
 Acq: 23 May 2023 12:53

Tgt Ion: 75 Resp: 47934
 Ion Ratio Lower Upper
 75 100
 155 83.7 39.9 119.6
 157 107.4 54.6 163.8





#93

1,2,4-Trichlorobenzene

Concen: 107.556 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013832.D

Acq: 23 May 2023 12:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

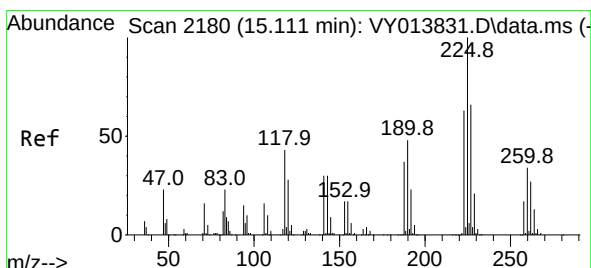
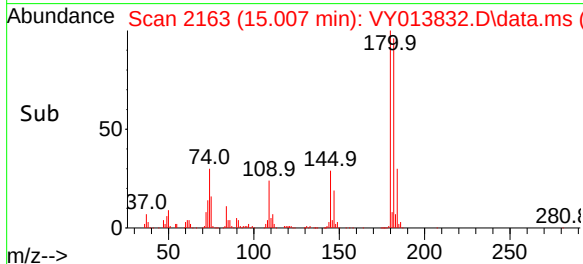
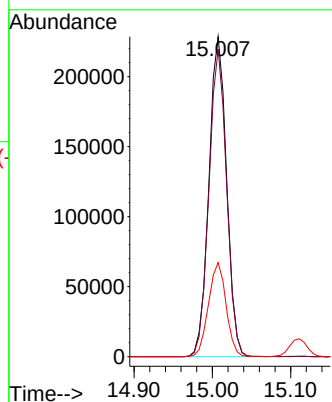
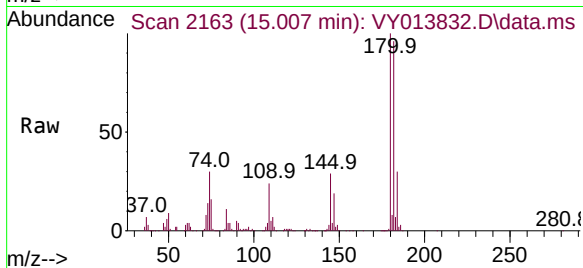
Tgt Ion:180 Resp: 357944

Ion Ratio Lower Upper

180 100

182 95.5 48.1 144.3

145 29.3 14.8 44.4



#94

Hexachlorobutadiene

Concen: 101.813 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY013832.D

Acq: 23 May 2023 12:53

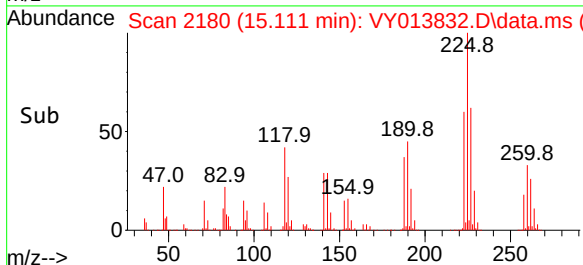
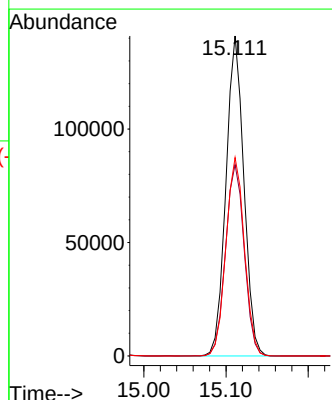
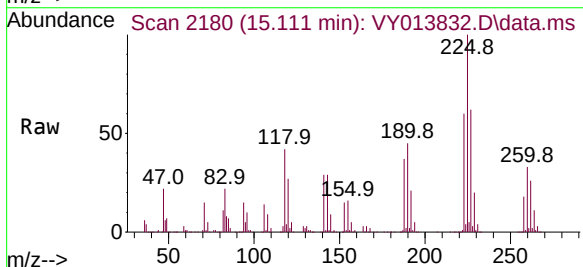
Tgt Ion:225 Resp: 213640

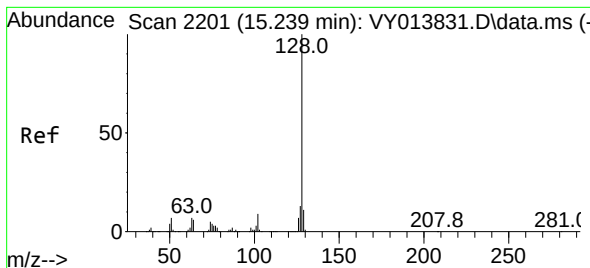
Ion Ratio Lower Upper

225 100

223 62.3 31.3 93.9

227 64.0 32.9 98.6





#95

Naphthalene

Concen: 95.480 ug/l

RT: 15.233 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY013832.D

Acq: 23 May 2023 12:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

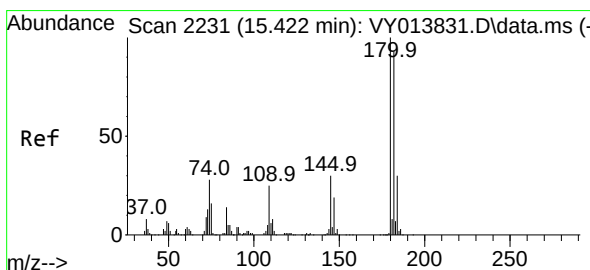
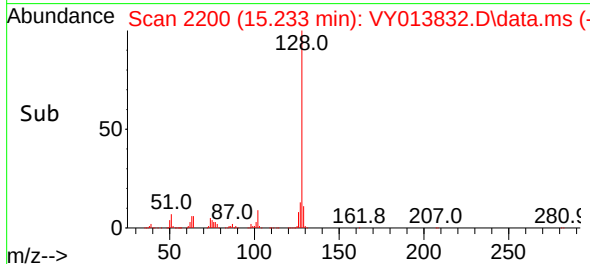
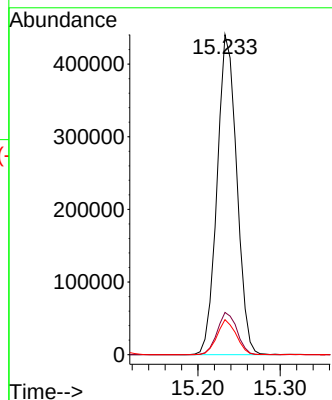
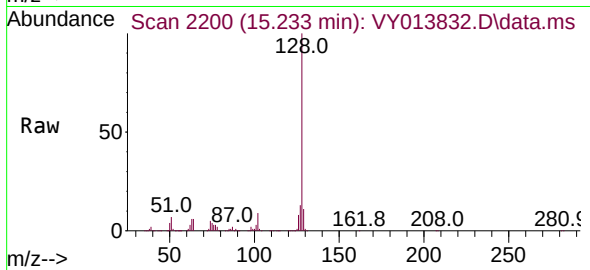
Tgt Ion:128 Resp: 731102

Ion Ratio Lower Upper

128 100

127 13.4 10.7 16.1

129 10.7 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 105.749 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY013832.D

Acq: 23 May 2023 12:53

Tgt Ion:180 Resp: 312969

Ion Ratio Lower Upper

180 100

182 95.9 47.4 142.2

145 31.2 15.5 46.5

