

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053123\
 Data File : VY013937.D
 Acq On : 31 May 2023 15:49
 Operator : KP/MD
 Sample : VY0531SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0531SBSD01

Quant Time: May 31 17:32:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	266772	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	415796	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.483	117	381789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	192806	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	160093	51.872	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.740%	
35) Dibromofluoromethane	7.709	113	131637	49.023	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.040%	
50) Toluene-d8	10.172	98	481583	47.188	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.380%	
62) 4-Bromofluorobenzene	12.477	95	171193	50.464	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.920%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	40120	16.418	ug/l	98
3) Chloromethane	2.107	50	47992	16.121	ug/l	99
4) Vinyl Chloride	2.247	62	50218	16.495	ug/l	100
5) Bromomethane	2.643	94	42978	17.765	ug/l	94
6) Chloroethane	2.790	64	35667	17.979	ug/l	93
7) Trichlorofluoromethane	3.119	101	93546	18.257	ug/l	98
8) Diethyl Ether	3.521	74	30247	19.246	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.893	101	50777	18.281	ug/l	100
10) Methyl Iodide	4.082	142	49813	15.106	ug/l	98
11) Tert butyl alcohol	4.923	59	85353	361.007	ug/l #	73
12) 1,1-Dichloroethene	3.869	96	45223	17.330	ug/l	98
13) Acrolein	3.728	56	43178	121.410	ug/l	100
14) Allyl chloride	4.472	41	80160	16.826	ug/l	99
15) Acrylonitrile	5.155	53	91027	112.966	ug/l	100
16) Acetone	3.954	43	97942	106.923	ug/l	97
17) Carbon Disulfide	4.186	76	107483	13.799	ug/l	96
18) Methyl Acetate	4.472	43	69602	21.902	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	145992	20.501	ug/l	99
20) Methylene Chloride	4.710	84	59718	16.695	ug/l	95
21) trans-1,2-Dichloroethene	5.216	96	48714	17.173	ug/l	98
22) Diisopropyl ether	6.112	45	176538	19.193	ug/l	97
23) Vinyl Acetate	6.051	43	525704	98.127	ug/l	99
24) 1,1-Dichloroethane	6.009	63	97330	18.125	ug/l	99
25) 2-Butanone	6.984	43	128816	115.246	ug/l	97
26) 2,2-Dichloropropane	6.978	77	94234	19.482	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	58477	18.351	ug/l	97
28) Bromochloromethane	7.325	49	33048	20.968	ug/l	100
29) Tetrahydrofuran	7.350	42	78478	117.597	ug/l	98
30) Chloroform	7.502	83	105282	19.339	ug/l	99
31) Cyclohexane	7.777	56	79666	16.801	ug/l #	93
32) 1,1,1-Trichloroethane	7.697	97	92397	18.604	ug/l	98
36) 1,1-Dichloropropene	7.911	75	70701	17.286	ug/l	99
37) Ethyl Acetate	7.069	43	60047	24.069	ug/l	100
38) Carbon Tetrachloride	7.892	117	84881	18.249	ug/l	96
39) Methylcyclohexane	9.179	83	77825	16.248	ug/l	97
40) Benzene	8.155	78	211094	17.970	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	76872	56.473	ug/l #	20
42) 1,2-Dichloroethane	8.234	62	78224	20.338	ug/l	99
43) Isopropyl Acetate	8.270	43	97596	21.467	ug/l #	90
44) Trichloroethene	8.935	130	56673	17.907	ug/l	99
45) 1,2-Dichloropropane	9.209	63	56051	18.626	ug/l	98
46) Dibromomethane	9.301	93	33887	19.662	ug/l	97
47) Bromodichloromethane	9.490	83	81464	19.396	ug/l	100
48) Methyl methacrylate	9.288	41	43720	20.480	ug/l	93
49) 1,4-Dioxane	9.307	88	9689	478.350	ug/l #	95
51) 4-Methyl-2-Pentanone	10.063	43	281806	116.315	ug/l	99
52) Toluene	10.239	92	130959	18.284	ug/l	100
53) t-1,3-Dichloropropene	10.459	75	83682	19.573	ug/l	99
54) cis-1,3-Dichloropropene	9.922	75	91323	19.067	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	48127	20.756	ug/l	91
56) Ethyl methacrylate	10.508	69	62968	20.344	ug/l	99
57) 1,3-Dichloropropane	10.788	76	78703	19.931	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	111485	112.887	ug/l	99
59) 2-Hexanone	10.831	43	200809	116.522	ug/l	99
60) Dibromochloromethane	10.977	129	60662	20.682	ug/l	99
61) 1,2-Dibromoethane	11.081	107	44679	20.256	ug/l	97
64) Tetrachloroethene	10.715	164	48802	17.276	ug/l	97
65) Chlorobenzene	11.514	112	144446	18.052	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	58032	18.791	ug/l	99
67) Ethyl Benzene	11.587	91	253088	17.576	ug/l	99
68) m/p-Xylenes	11.697	106	195098	35.801	ug/l	99
69) o-Xylene	12.026	106	93782	18.270	ug/l	96
70) Styrene	12.038	104	160285	18.434	ug/l	100
71) Bromoform	12.203	173	42438	21.024	ug/l #	96
73) Isopropylbenzene	12.324	105	247809	17.268	ug/l	99
74) N-amyl acetate	12.142	43	84030	19.476	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	61838	20.816	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	80552	35.432	ug/l #	100
77) Bromobenzene	12.605	156	63686	18.087	ug/l	100
78) n-propylbenzene	12.666	91	306289	17.277	ug/l	100
79) 2-Chlorotoluene	12.751	91	174085	17.580	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	209546	17.690	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	22605	21.583	ug/l	96
82) 4-Chlorotoluene	12.849	91	182589	17.839	ug/l	98
83) tert-Butylbenzene	13.074	119	174642	16.928	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	209025	17.976	ug/l	99
85) sec-Butylbenzene	13.251	105	273292	17.832	ug/l	99
86) p-Isopropyltoluene	13.367	119	225076	17.769	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	122425	18.001	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	124711	18.419	ug/l	98
89) n-Butylbenzene	13.690	91	210679	17.344	ug/l	99
90) Hexachloroethane	13.958	117	46488	17.875	ug/l	99
91) 1,2-Dichlorobenzene	13.733	146	112027	18.535	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11453	22.006	ug/l	97
93) 1,2,4-Trichlorobenzene	15.001	180	67085	17.904	ug/l	98
94) Hexachlorobutadiene	15.111	225	42473	17.978	ug/l	98
95) Naphthalene	15.233	128	138073	19.802	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	60925	18.284	ug/l	98

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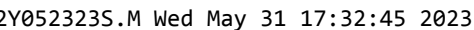
Instrument :
MSVOA_Y
ClientSampleId :
VY0531SBSD01

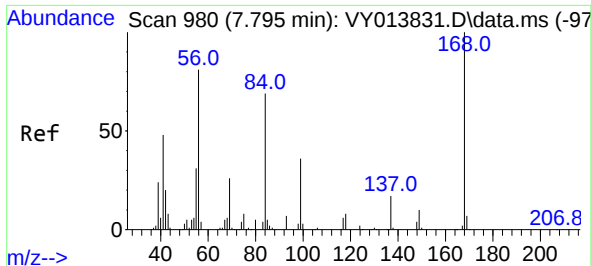
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Quant Title : SW846 8260
QLast Update : Wed May 24 05:25:47 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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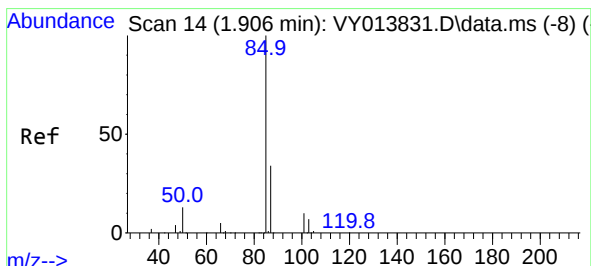
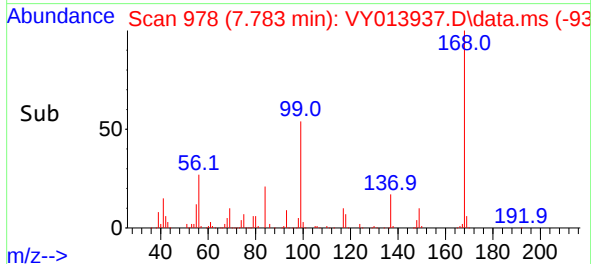
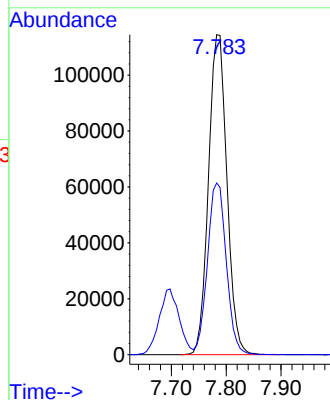
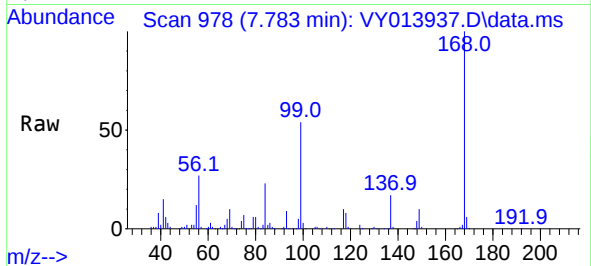




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
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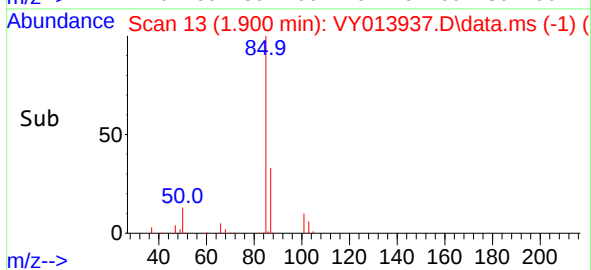
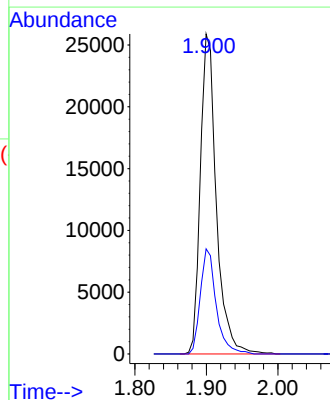
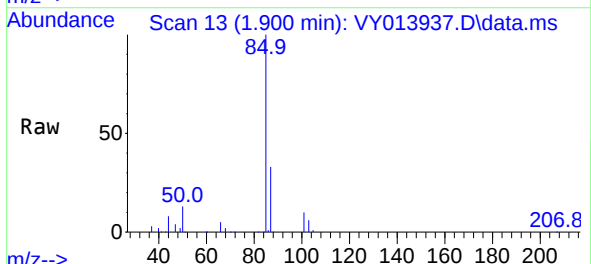
Instrument :
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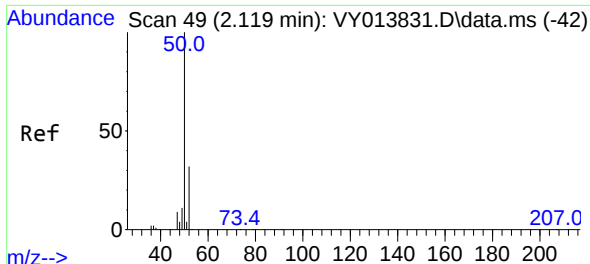
Tgt Ion:168 Resp: 266772
Ion Ratio Lower Upper
168 100
99 53.6 43.4 65.2



#2
Dichlorodifluoromethane
Concen: 16.418 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

Tgt Ion: 85 Resp: 40120
Ion Ratio Lower Upper
85 100
87 32.9 16.9 50.7

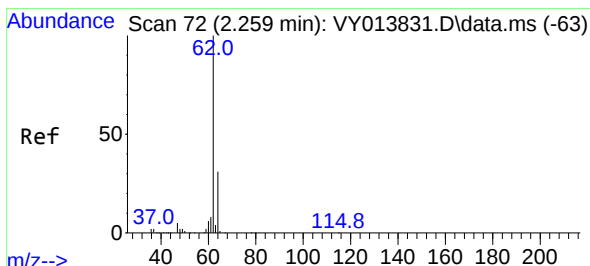
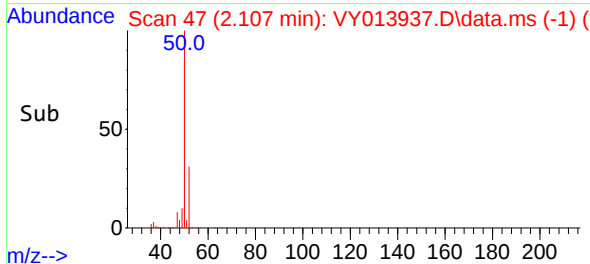
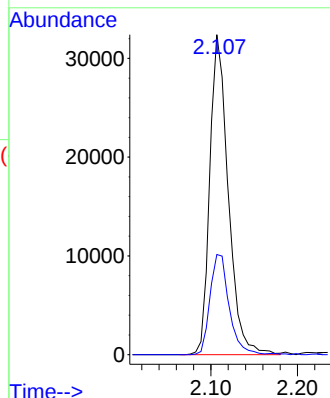
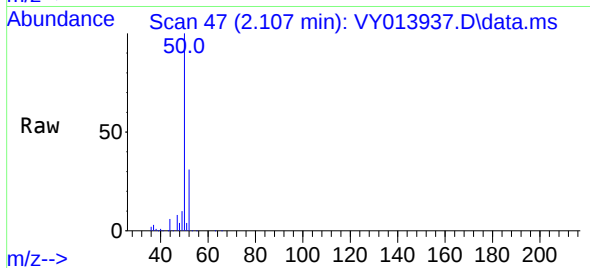




#3
Chloromethane
Concen: 16.121 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

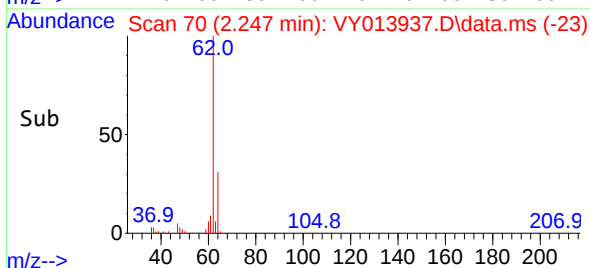
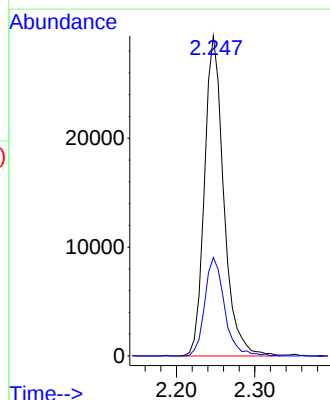
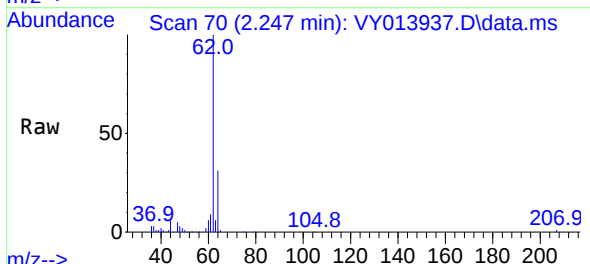
Instrument :
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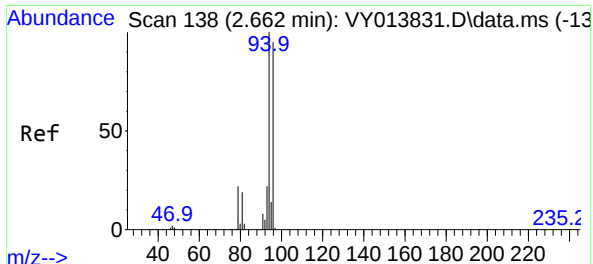
Tgt Ion: 50 Resp: 47992
Ion Ratio Lower Upper
50 100
52 31.3 25.7 38.5



#4
Vinyl Chloride
Concen: 16.495 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.012 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

Tgt Ion: 62 Resp: 50218
Ion Ratio Lower Upper
62 100
64 30.7 24.8 37.2

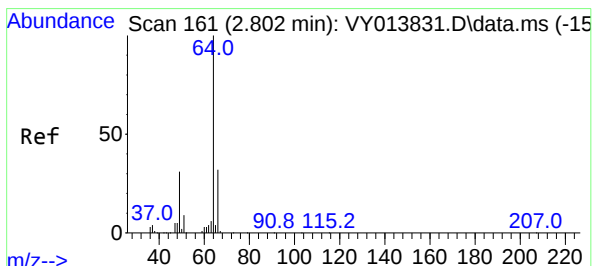
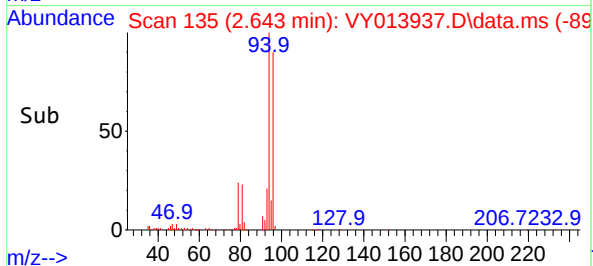
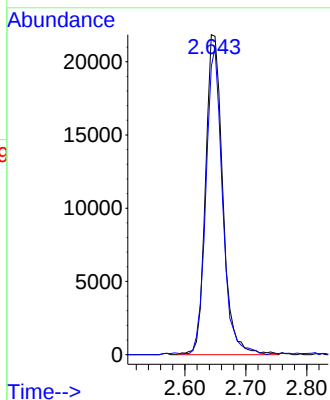
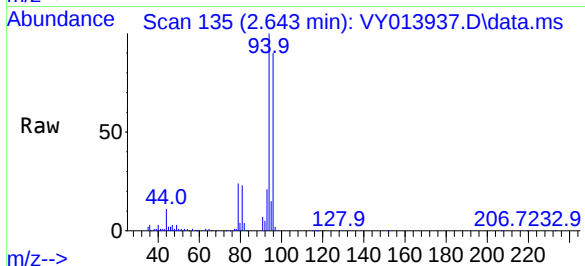




#5
Bromomethane
Concen: 17.765 ug/l
RT: 2.643 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

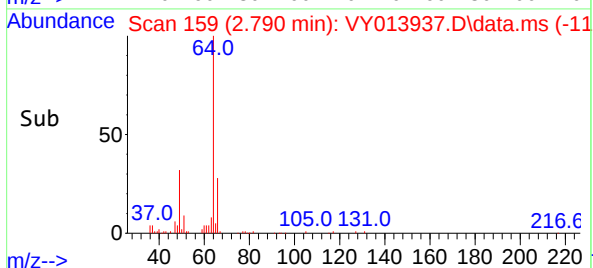
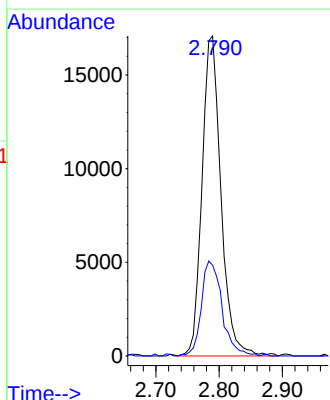
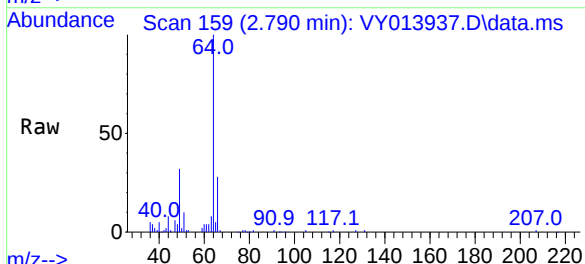
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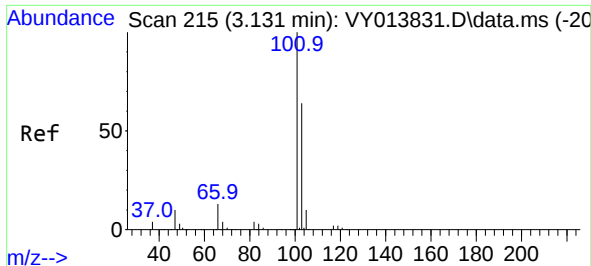
Tgt Ion: 94 Resp: 42978
Ion Ratio Lower Upper
94 100
96 89.8 76.2 114.2



#6
Chloroethane
Concen: 17.979 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.012 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

Tgt Ion: 64 Resp: 35667
Ion Ratio Lower Upper
64 100
66 28.4 25.7 38.5

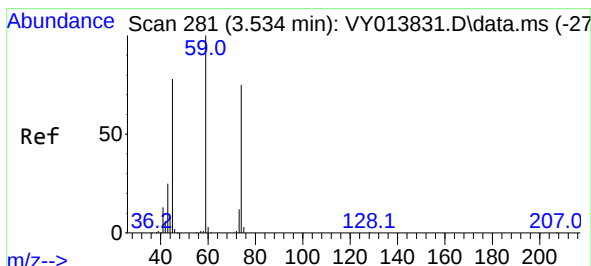
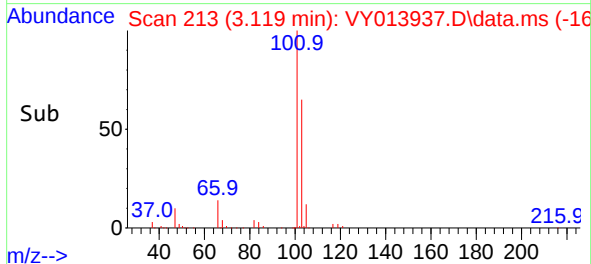
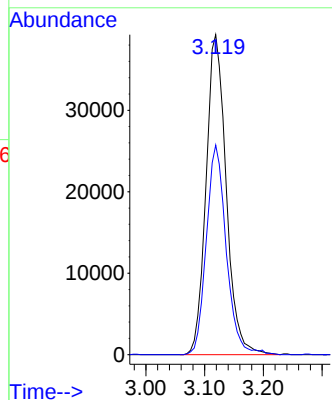
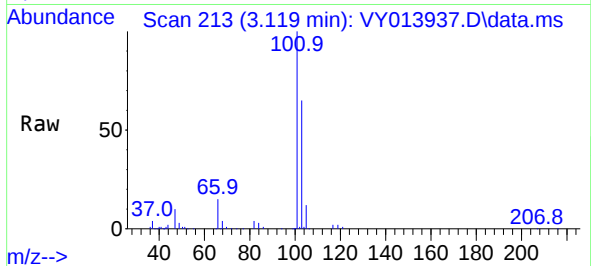




#7
Trichlorofluoromethane
Concen: 18.257 ug/l
RT: 3.119 min Scan# 215
Delta R.T. -0.012 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

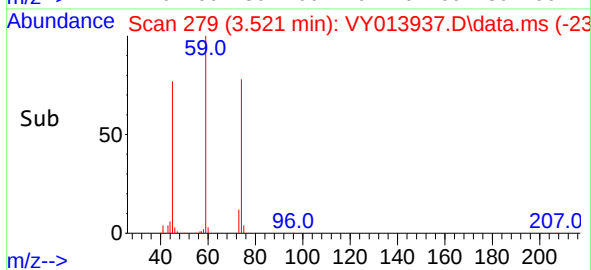
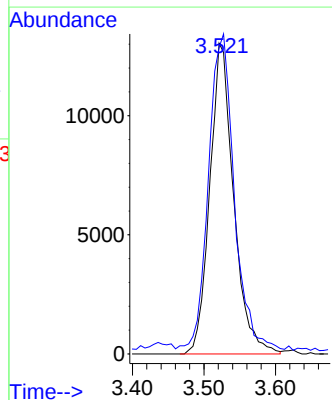
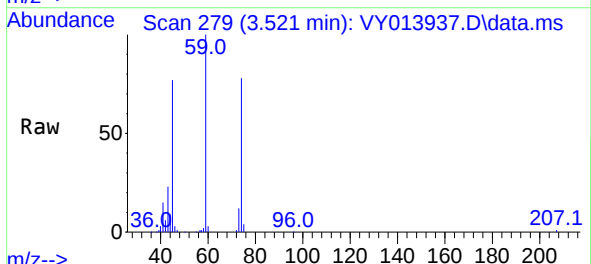
Instrument :
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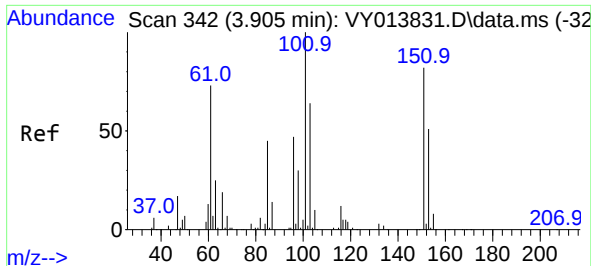
Tgt Ion:101 Resp: 93546
Ion Ratio Lower Upper
101 100
103 65.5 51.3 76.9



#8
Diethyl Ether
Concen: 19.246 ug/l
RT: 3.521 min Scan# 279
Delta R.T. -0.012 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

Tgt Ion: 74 Resp: 30247
Ion Ratio Lower Upper
74 100
45 110.5 51.8 155.5

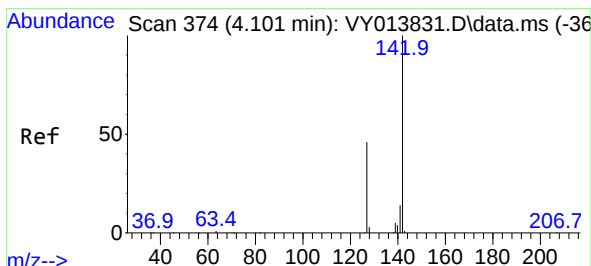
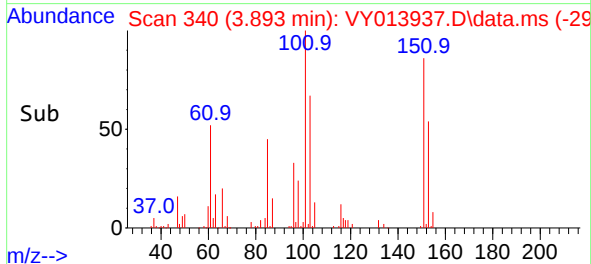
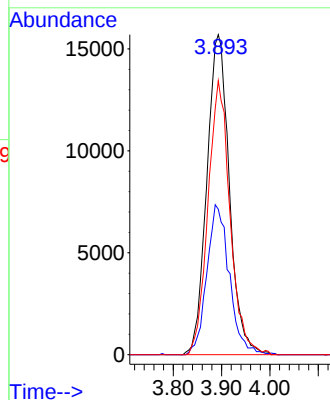
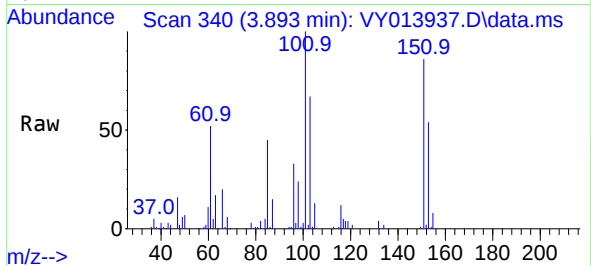




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.281 ug/l
RT: 3.893 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

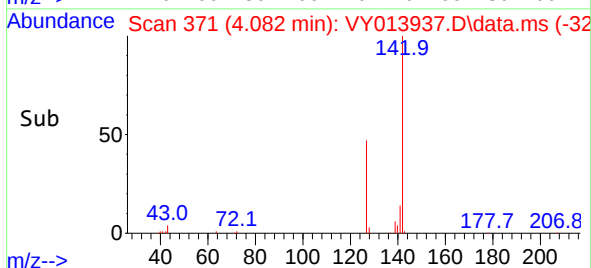
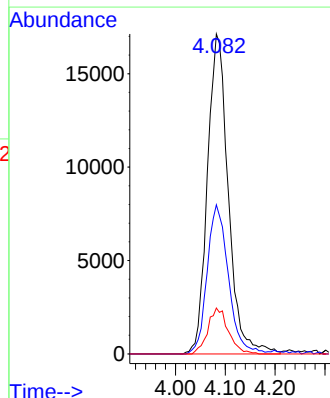
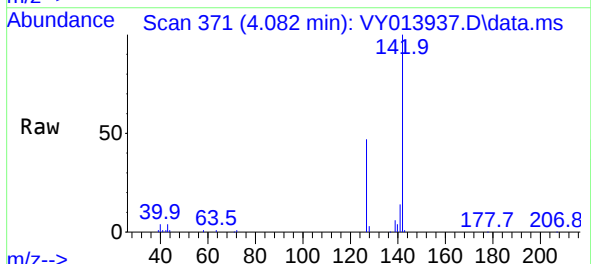
Instrument :
MSVOA_Y
ClientSampleId :
VY0531SBS01

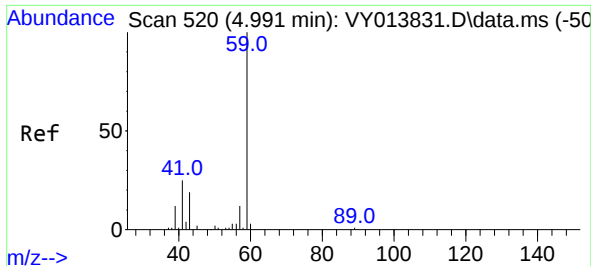
Tgt Ion:101 Resp: 50777
Ion Ratio Lower Upper
101 100
85 46.9 37.4 56.2
151 83.9 66.6 100.0



#10
Methyl Iodide
Concen: 15.106 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.018 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

Tgt Ion:142 Resp: 49813
Ion Ratio Lower Upper
142 100
127 47.3 37.0 55.4
141 14.0 11.8 17.6

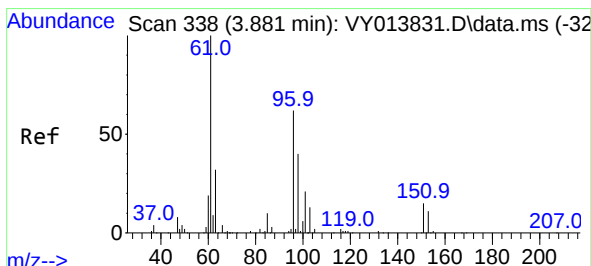
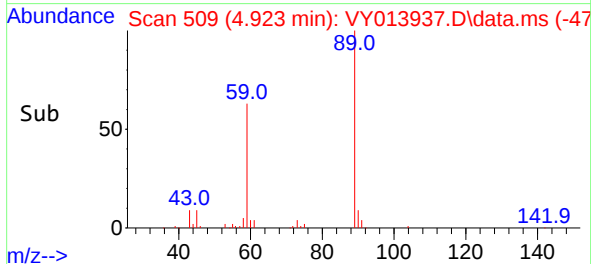
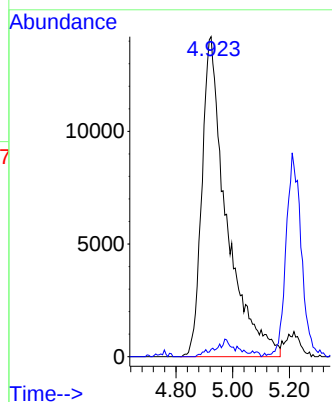
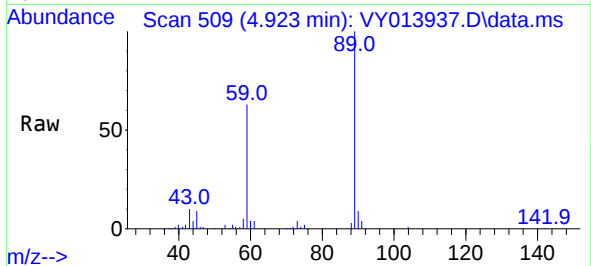




#11
Tert butyl alcohol
Concen: 361.007 ug/l
RT: 4.923 min Scan# 509
Delta R.T. -0.067 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

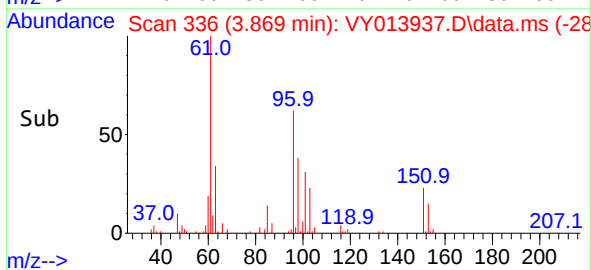
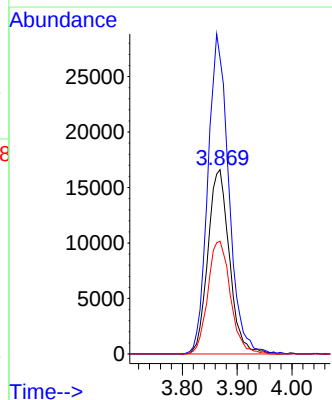
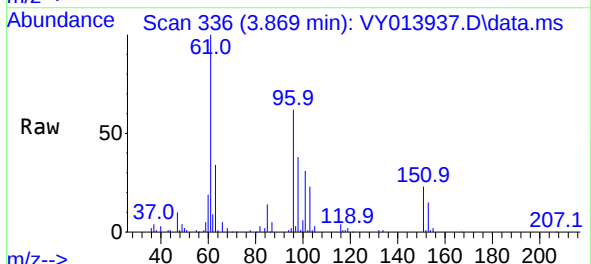
Instrument :
MSVOA_Y
ClientSampleId :
VY0531SBSD01

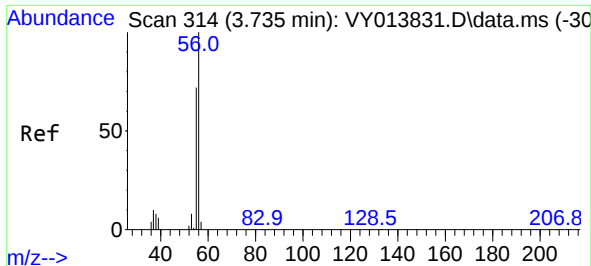
Tgt Ion: 59 Resp: 85353
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#12
1,1-Dichloroethene
Concen: 17.330 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.012 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

Tgt Ion: 96 Resp: 45223
Ion Ratio Lower Upper
96 100
61 160.5 129.0 193.4
98 61.2 52.0 78.0

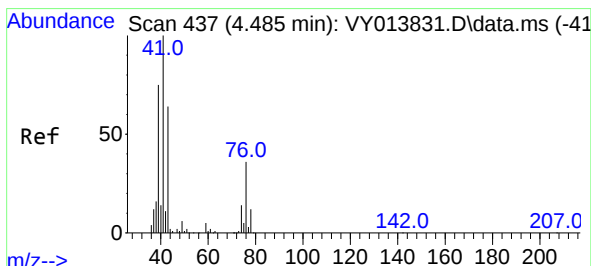
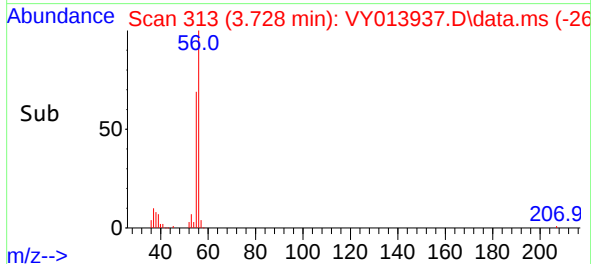
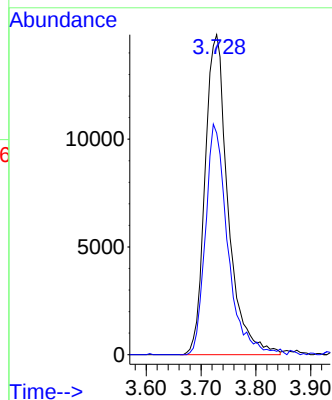
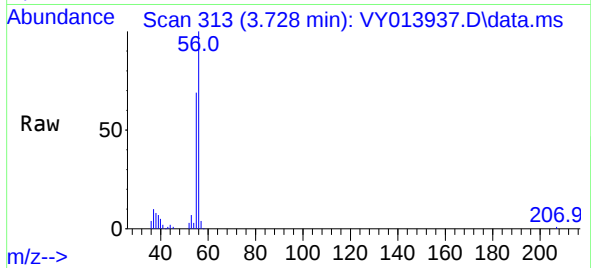




#13
Acrolein
Concen: 121.410 ug/l
RT: 3.728 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

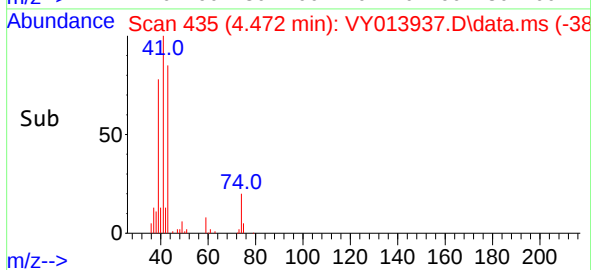
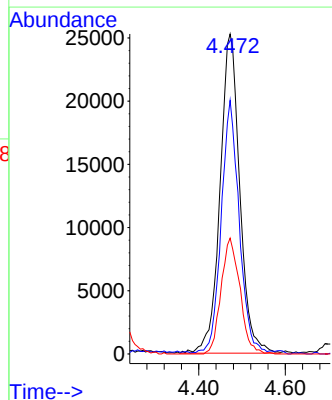
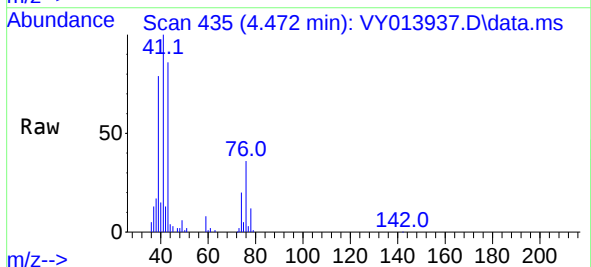
Instrument :
MSVOA_Y
ClientSampleId :
VY0531SBS01

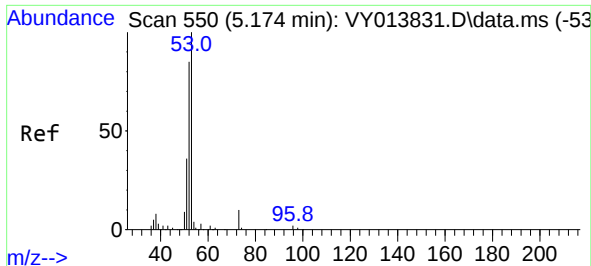
Tgt Ion: 56 Resp: 43178
Ion Ratio Lower Upper
56 100
55 70.0 56.2 84.2



#14
Allyl chloride
Concen: 16.826 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.012 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

Tgt Ion: 41 Resp: 80160
Ion Ratio Lower Upper
41 100
39 71.8 58.3 87.5
76 34.7 28.0 42.0

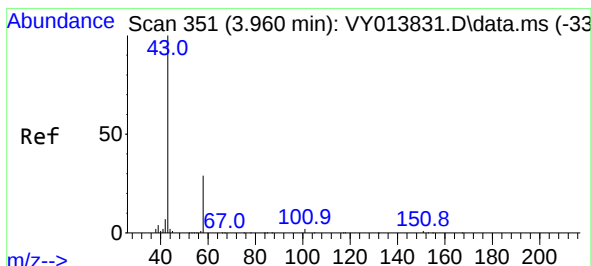
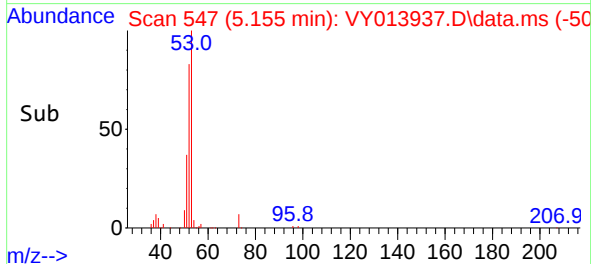
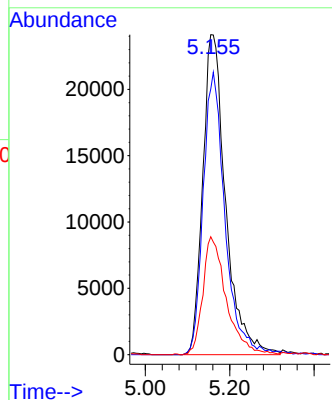
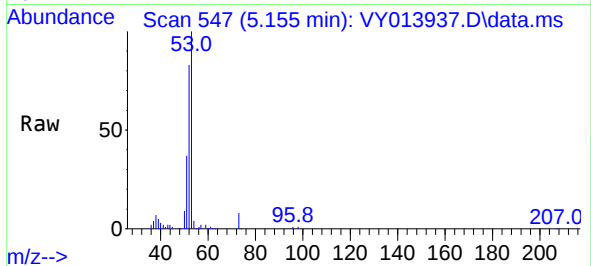




#15
Acrylonitrile
Concen: 112.966 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.018 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

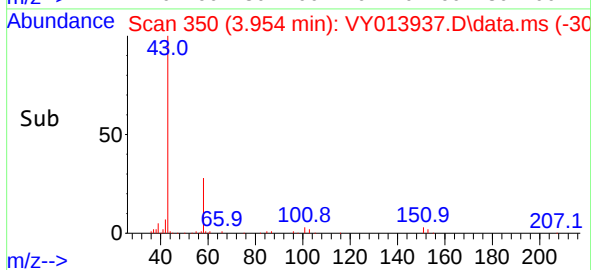
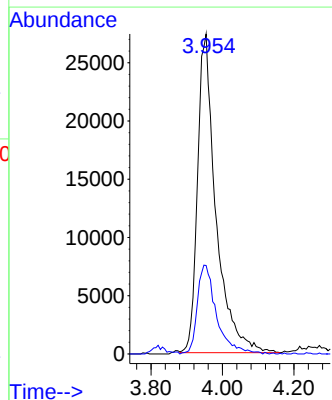
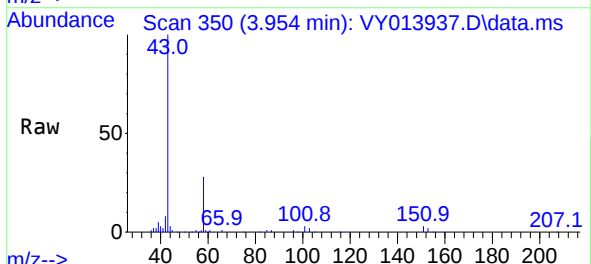
Instrument :
MSVOA_Y
ClientSampleId :
VY0531SBSD01

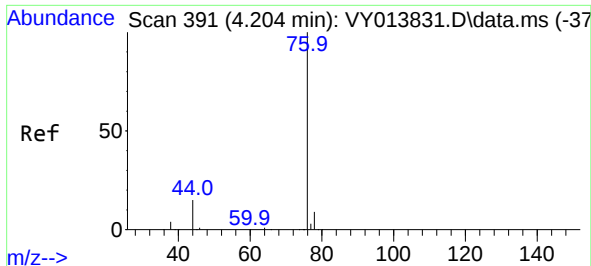
Tgt Ion: 53 Resp: 91027
Ion Ratio Lower Upper
53 100
52 84.0 67.2 100.8
51 37.8 30.2 45.2



#16
Acetone
Concen: 106.923 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

Tgt Ion: 43 Resp: 97942
Ion Ratio Lower Upper
43 100
58 27.8 23.3 34.9

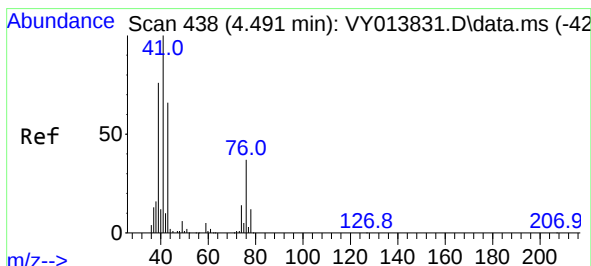
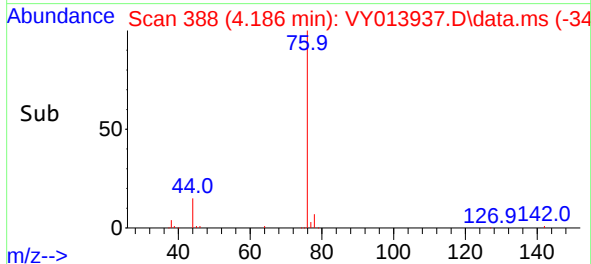
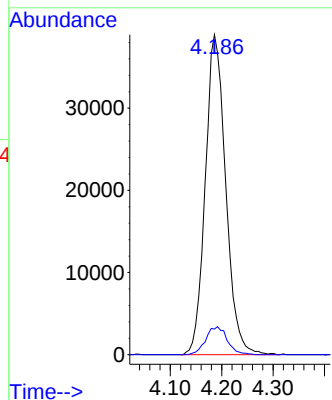
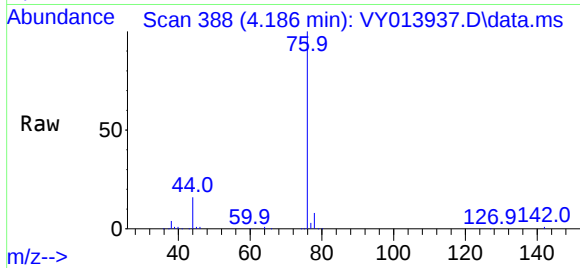




#17
Carbon Disulfide
Concen: 13.799 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.018 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

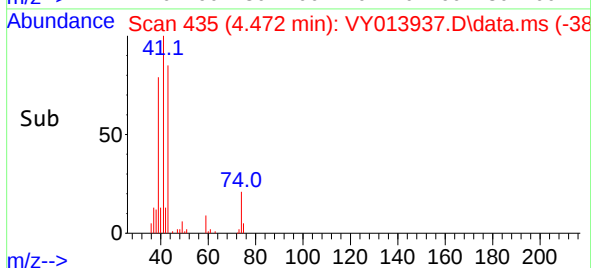
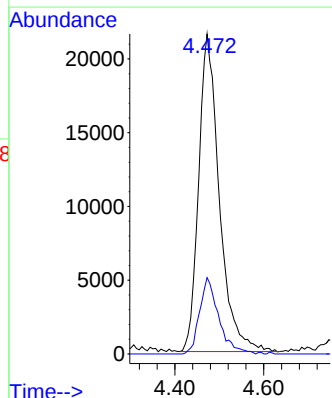
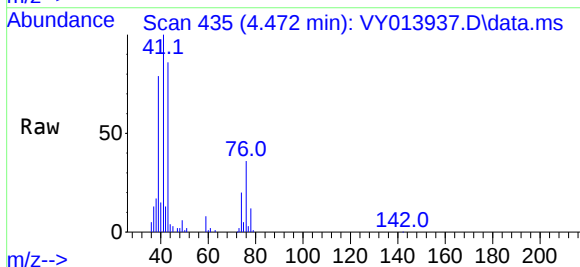
Instrument :
MSVOA_Y
ClientSampleId :
VY0531SBS01

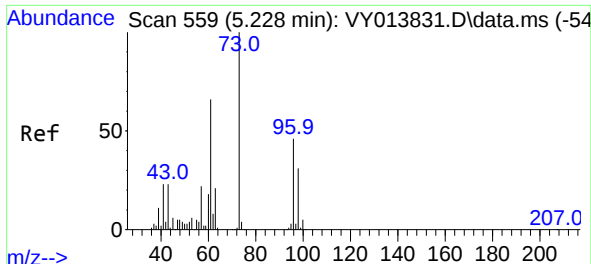
Tgt Ion: 76 Resp: 107483
Ion Ratio Lower Upper
76 100
78 8.0 7.5 11.3



#18
Methyl Acetate
Concen: 21.902 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.018 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

Tgt Ion: 43 Resp: 69602
Ion Ratio Lower Upper
43 100
74 22.3 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 20.501 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY013937.D

Acq: 31 May 2023 15:49

Instrument :

MSVOA_Y

ClientSampleId :

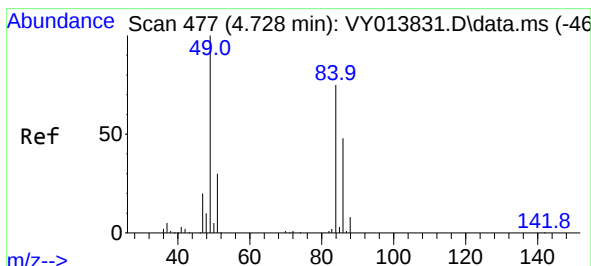
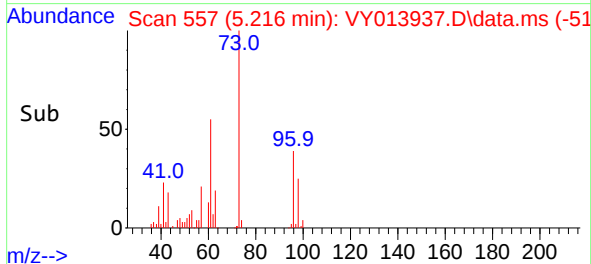
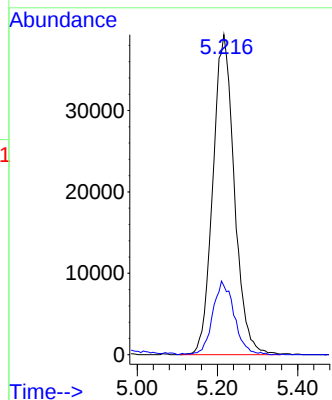
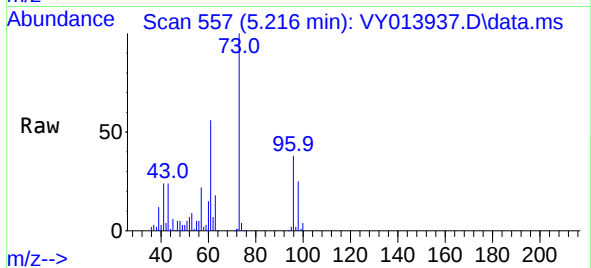
VY0531SBS01

Tgt Ion: 73 Resp: 145992

Ion Ratio Lower Upper

73 100

57 21.5 17.4 26.2



#20

Methylene Chloride

Concen: 16.695 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.018 min

Lab File: VY013937.D

Acq: 31 May 2023 15:49

Tgt Ion: 84 Resp: 59718

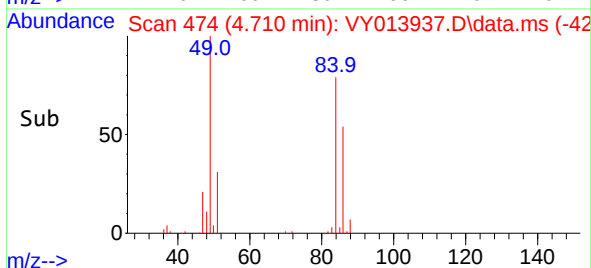
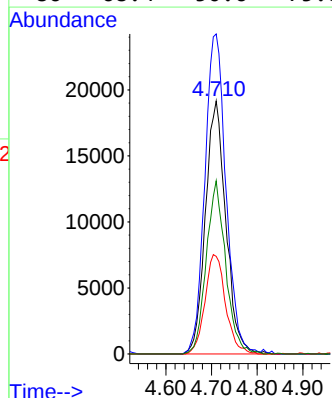
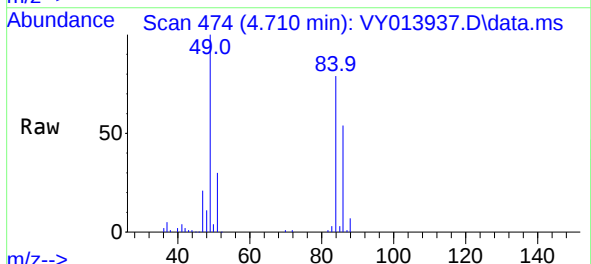
Ion Ratio Lower Upper

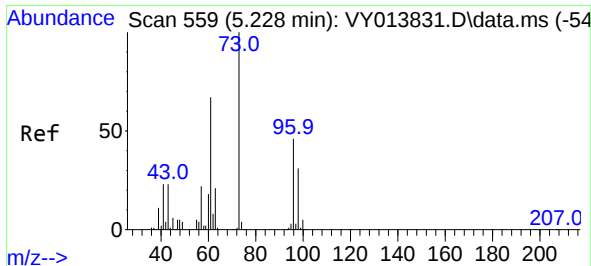
84 100

49 126.5 106.2 159.2

51 38.6 31.4 47.0

86 68.4 50.6 75.8

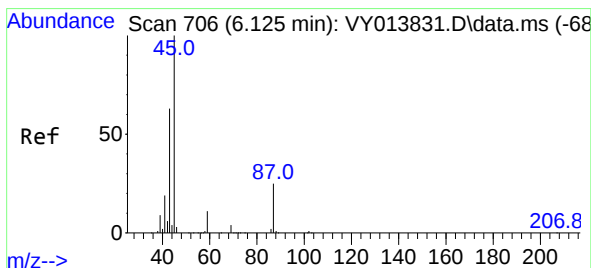
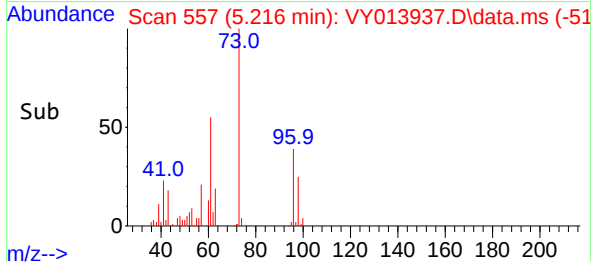
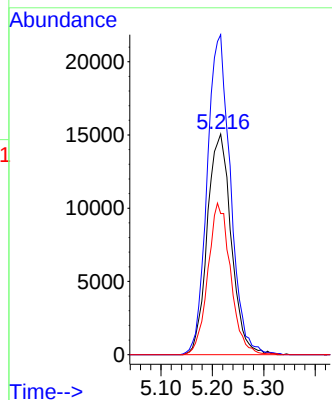
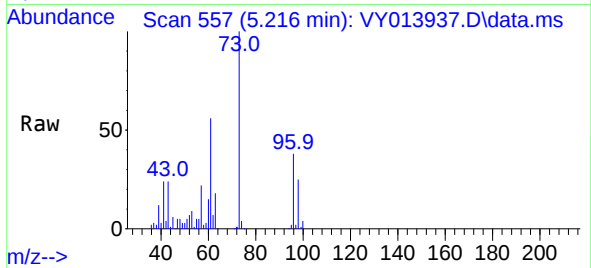




#21
trans-1,2-Dichloroethene
Concen: 17.173 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

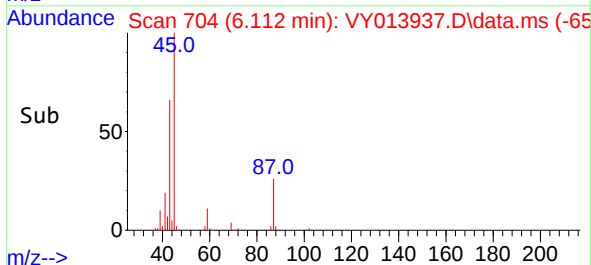
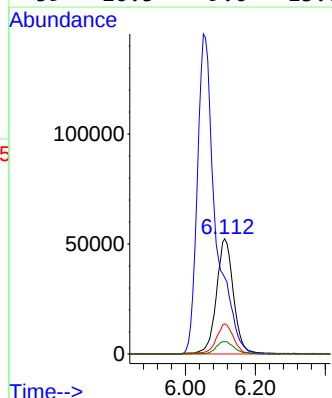
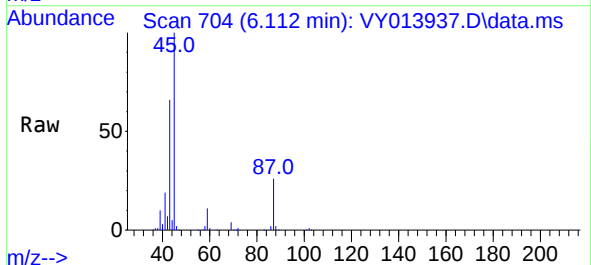
Instrument :
MSVOA_Y
ClientSampleId :
VY0531SBS01

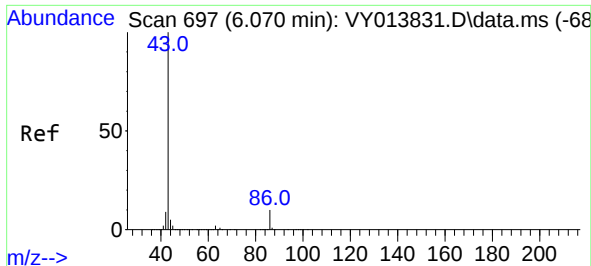
Tgt Ion: 96 Resp: 48714
Ion Ratio Lower Upper
96 100
61 145.0 115.5 173.3
98 63.9 53.7 80.5



#22
Diisopropyl ether
Concen: 19.193 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.012 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

Tgt Ion: 45 Resp: 176538
Ion Ratio Lower Upper
45 100
43 66.3 50.6 75.8
87 26.1 20.7 31.1
59 10.5 9.0 13.6

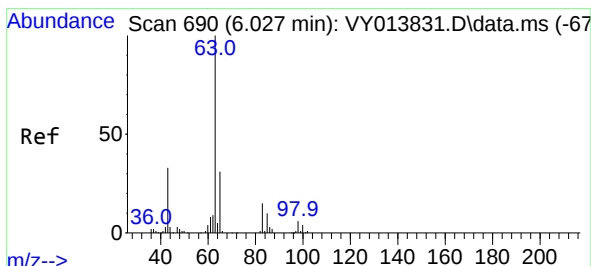
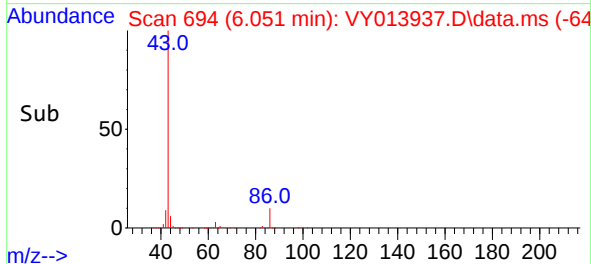
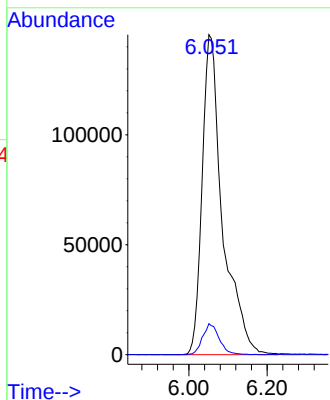
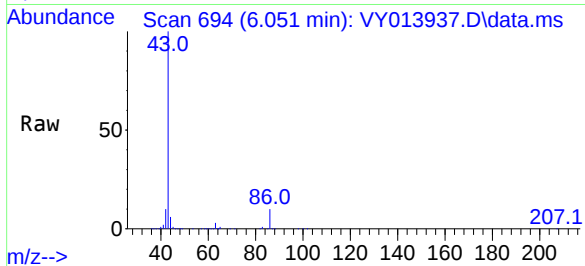




#23
 Vinyl Acetate
 Concen: 98.127 ug/l
 RT: 6.051 min Scan# 61
 Delta R.T. -0.018 min
 Lab File: VY013937.D
 Acq: 31 May 2023 15:49

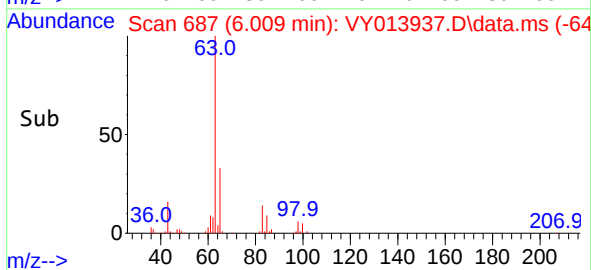
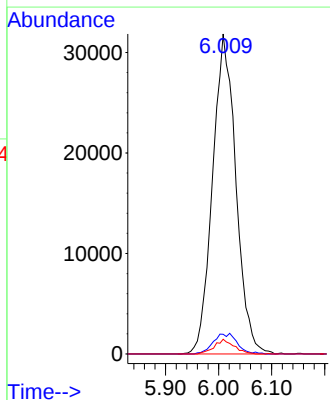
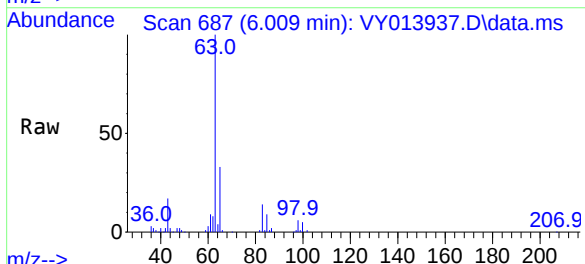
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0531SBSD01

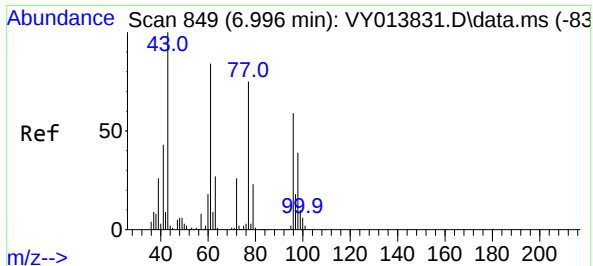
Tgt Ion: 43 Resp: 525704
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 18.125 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.018 min
 Lab File: VY013937.D
 Acq: 31 May 2023 15:49

Tgt Ion: 63 Resp: 97330
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.2 9.6
 100 4.6 2.1 6.2

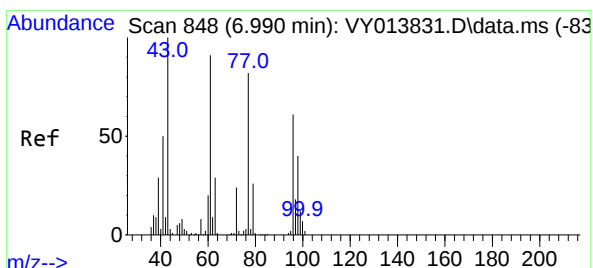
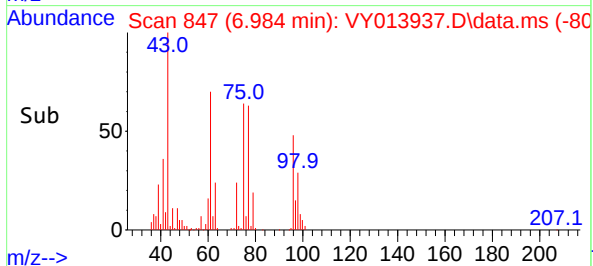
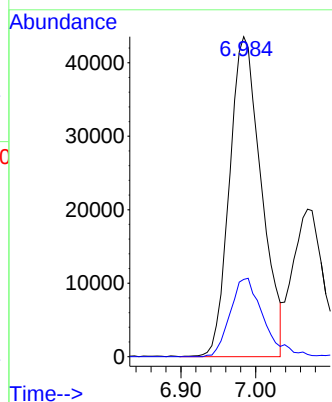
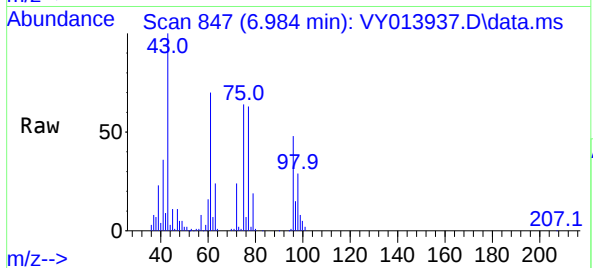




#25
2-Butanone
Concen: 115.246 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.012 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

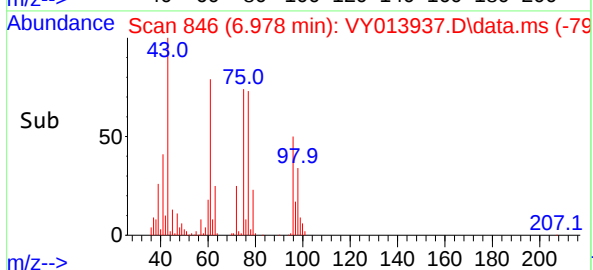
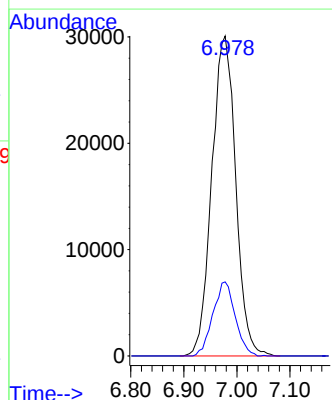
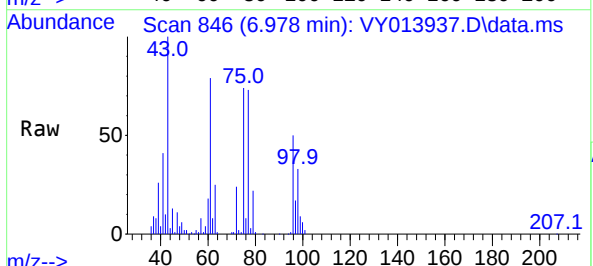
Instrument :
MSVOA_Y
ClientSampleId :
VY0531SBSD01

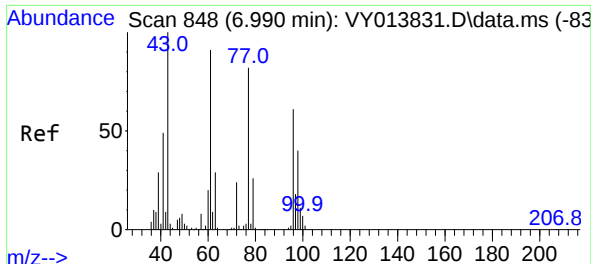
Tgt Ion: 43 Resp: 128816
Ion Ratio Lower Upper
43 100
72 24.2 20.5 30.7



#26
2,2-Dichloropropane
Concen: 19.482 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

Tgt Ion: 77 Resp: 94234
Ion Ratio Lower Upper
77 100
97 21.6 11.2 33.6

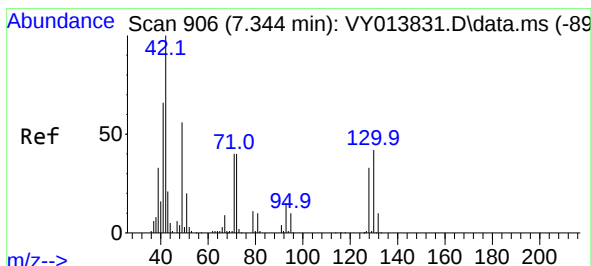
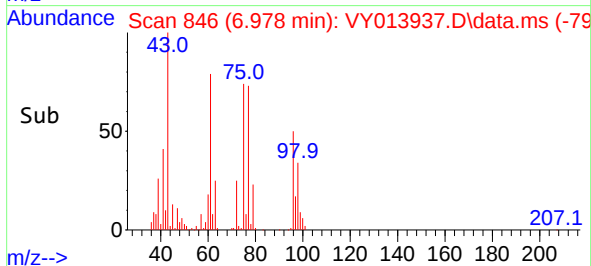
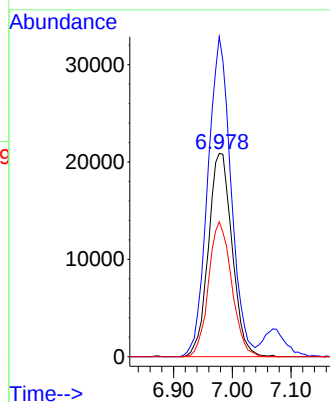
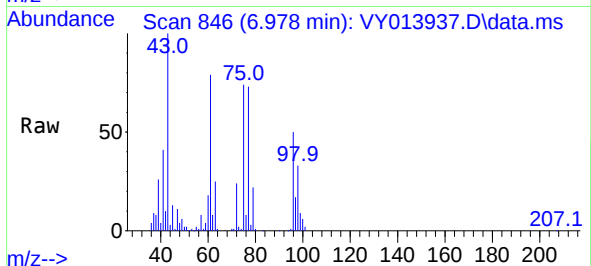




#27
cis-1,2-Dichloroethene
Concen: 18.351 ug/l
RT: 6.978 min Scan# 84
Delta R.T. -0.012 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

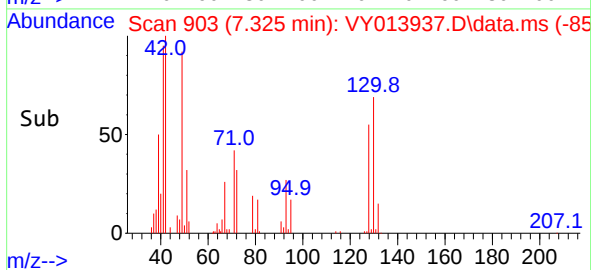
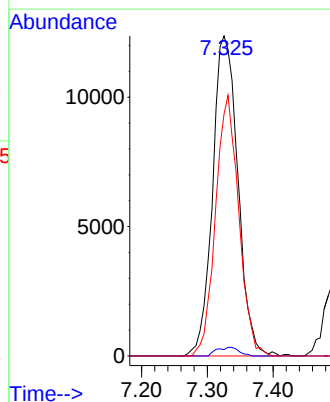
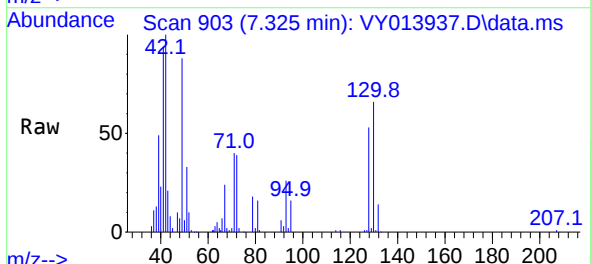
Instrument :
MSVOA_Y
ClientSampleId :
VY0531SBSD01

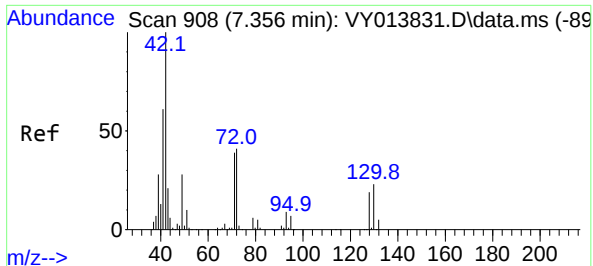
Tgt Ion: 96 Resp: 58477
Ion Ratio Lower Upper
96 100
61 154.4 0.0 296.4
98 64.7 0.0 129.4



#28
Bromochloromethane
Concen: 20.968 ug/l
RT: 7.325 min Scan# 903
Delta R.T. -0.018 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

Tgt Ion: 49 Resp: 33048
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.4
130 74.8 60.2 90.2

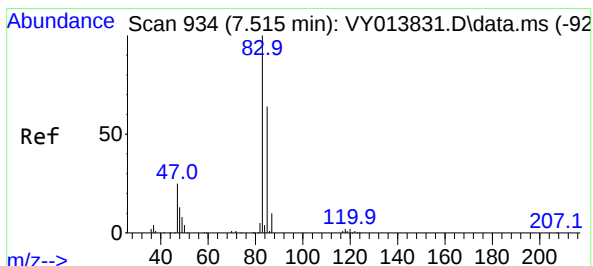
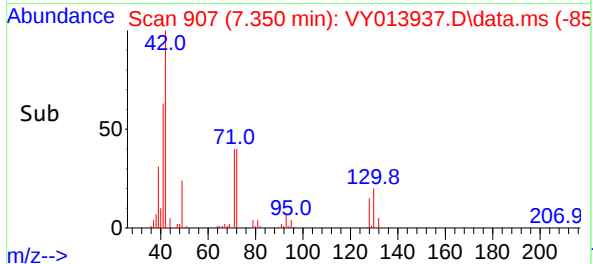
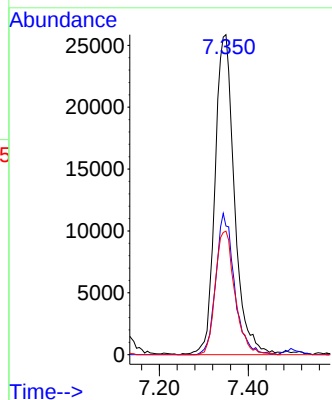
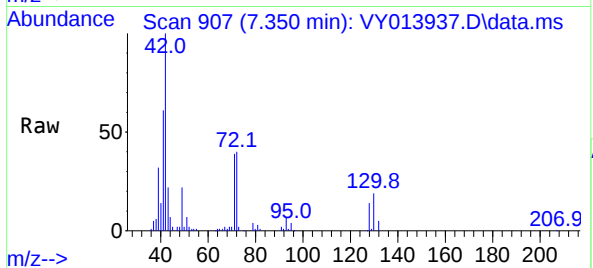




#29
Tetrahydrofuran
Concen: 117.597 ug/l
RT: 7.350 min Scan# 908
Delta R.T. -0.006 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

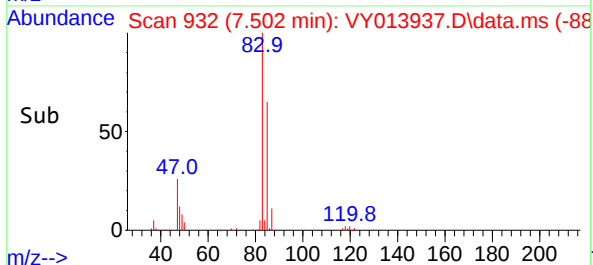
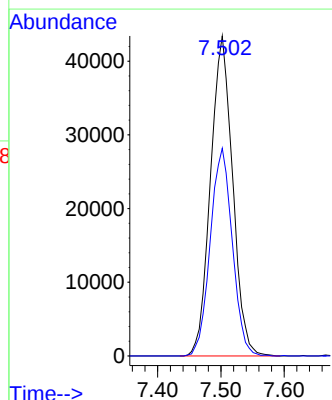
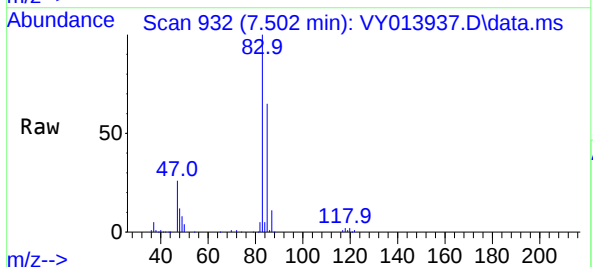
Instrument :
MSVOA_Y
ClientSampleId :
VY0531SBSD01

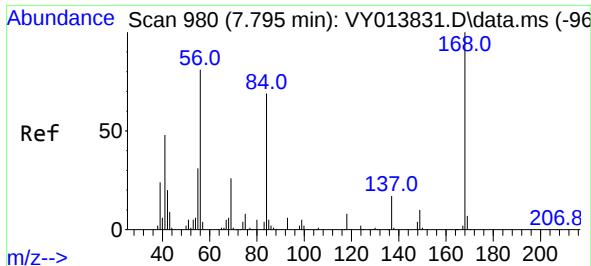
Tgt Ion: 42 Resp: 78478
Ion Ratio Lower Upper
42 100
72 41.9 31.7 47.5
71 38.8 30.6 45.8



#30
Chloroform
Concen: 19.339 ug/l
RT: 7.502 min Scan# 932
Delta R.T. -0.012 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

Tgt Ion: 83 Resp: 105282
Ion Ratio Lower Upper
83 100
85 64.9 51.0 76.6

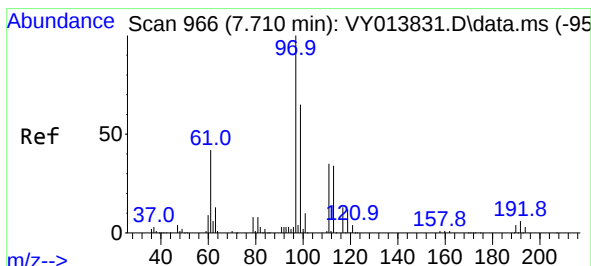
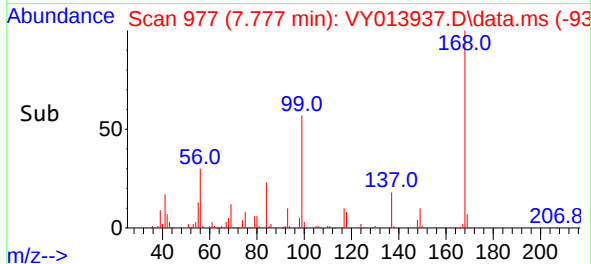
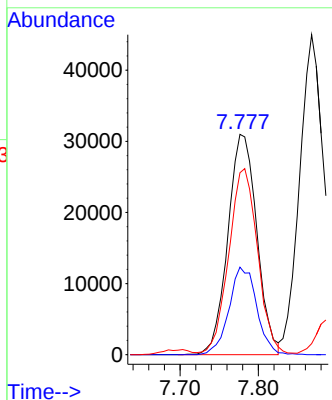
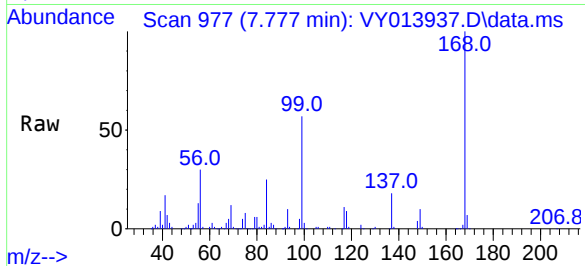




#31
Cyclohexane
Concen: 16.801 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

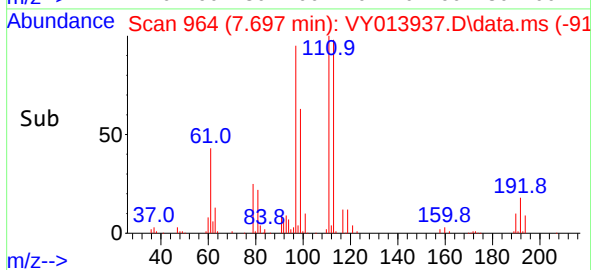
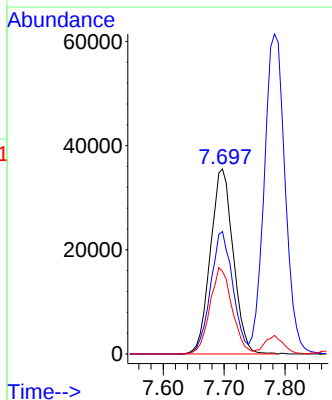
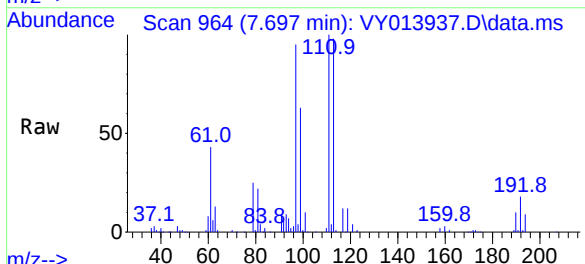
Instrument :
MSVOA_Y
ClientSampleId :
VY0531SBS01

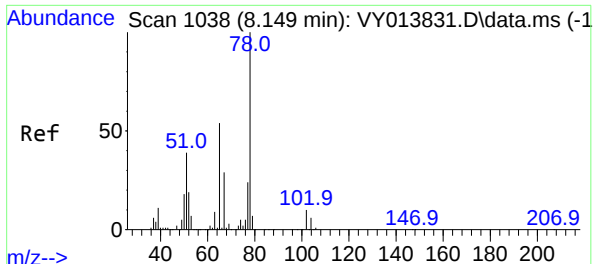
Tgt Ion: 56 Resp: 79666
Ion Ratio Lower Upper
56 100
69 39.7 25.8 38.8#
84 80.5 68.2 102.2



#32
1,1,1-Trichloroethane
Concen: 18.604 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.012 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

Tgt Ion: 97 Resp: 92397
Ion Ratio Lower Upper
97 100
99 65.0 50.5 75.7
61 45.3 35.0 52.4

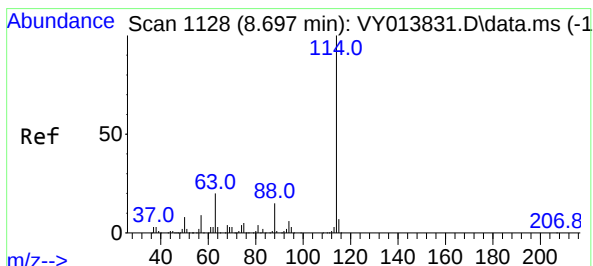
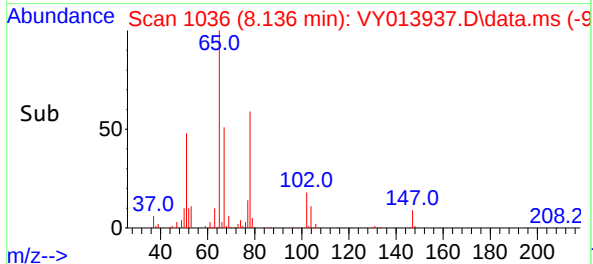
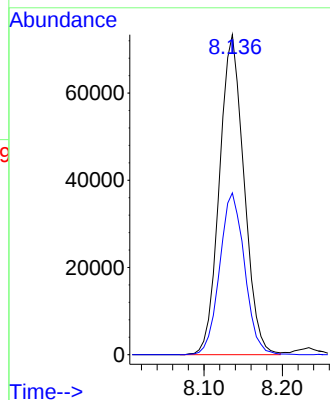
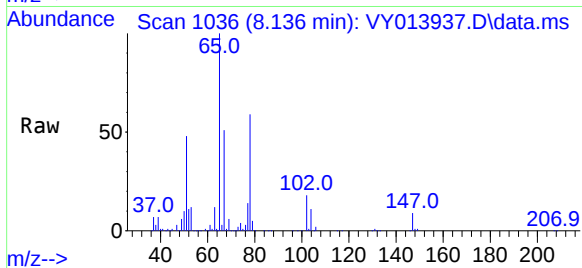




#33
1,2-Dichloroethane-d4
Concen: 51.872 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

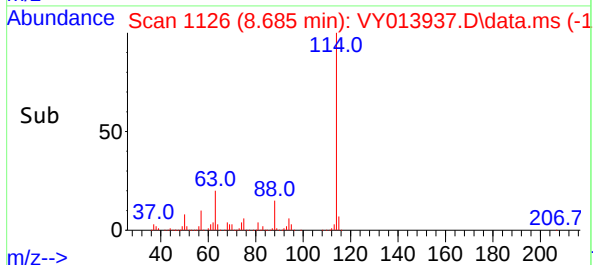
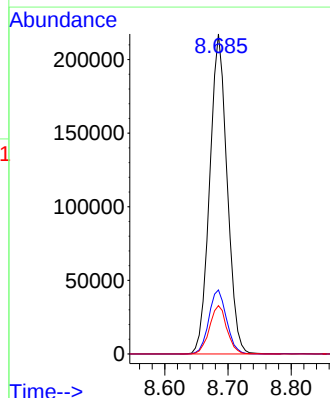
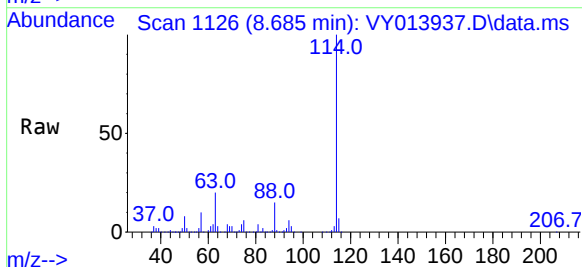
Instrument :
MSVOA_Y
ClientSampleId :
VY0531SBSD01

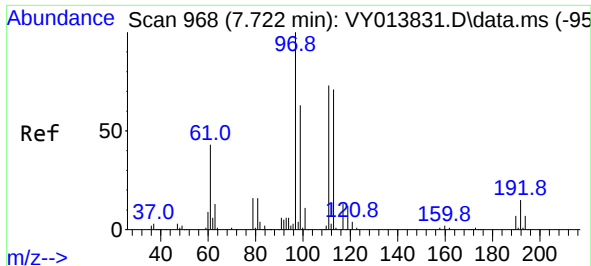
Tgt Ion: 65 Resp: 160093
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.012 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

Tgt Ion: 114 Resp: 415796
Ion Ratio Lower Upper
114 100
63 20.0 0.0 40.2
88 15.1 0.0 30.0

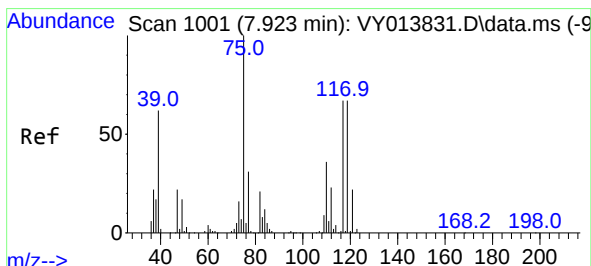
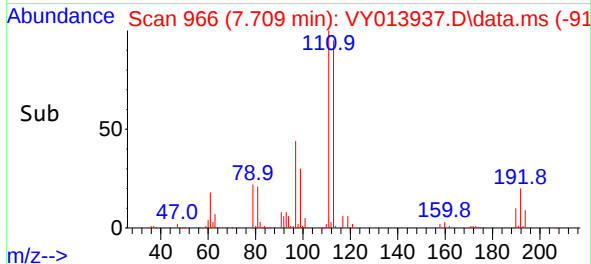
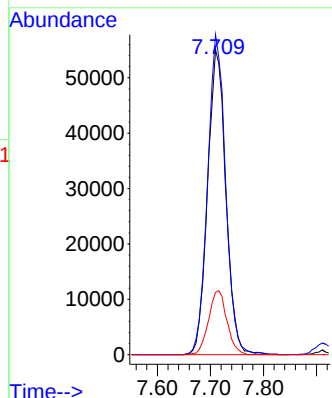
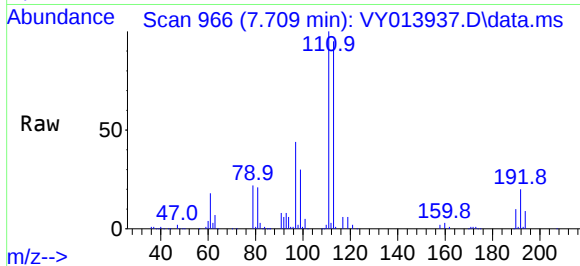




#35
Dibromofluoromethane
Concen: 49.023 ug/l
RT: 7.709 min Scan# 911
Delta R.T. -0.012 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

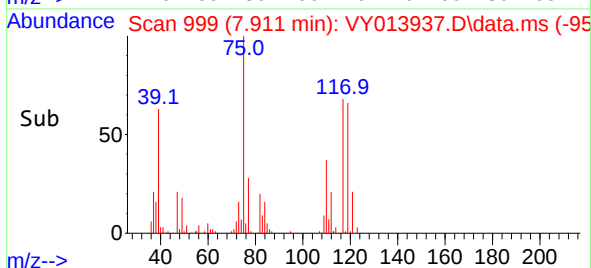
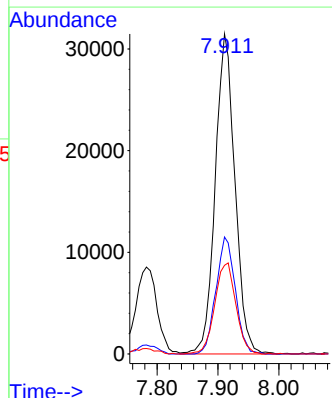
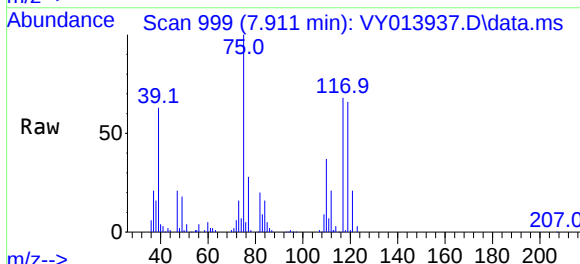
Instrument :
MSVOA_Y
ClientSampleId :
VY0531SBS01

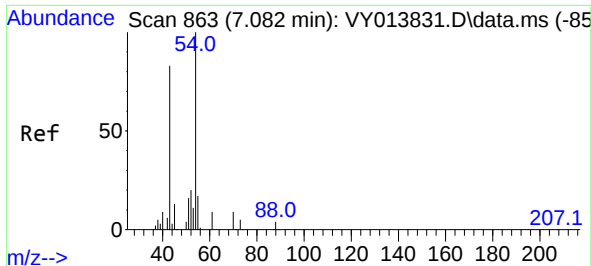
Tgt Ion:113 Resp: 131637
Ion Ratio Lower Upper
113 100
111 103.8 80.4 120.6
192 21.1 16.6 25.0



#36
1,1-Dichloropropene
Concen: 17.286 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.012 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

Tgt Ion: 75 Resp: 70701
Ion Ratio Lower Upper
75 100
110 35.9 17.5 52.6
77 30.5 24.4 36.6





#37

Ethyl Acetate

Concen: 24.069 ug/l

RT: 7.069 min Scan# 80

Delta R.T. -0.012 min

Lab File: VY013937.D

Acq: 31 May 2023 15:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0531SBS01

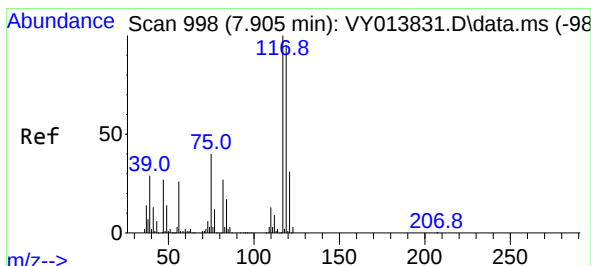
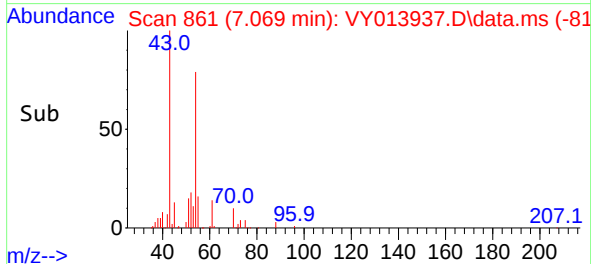
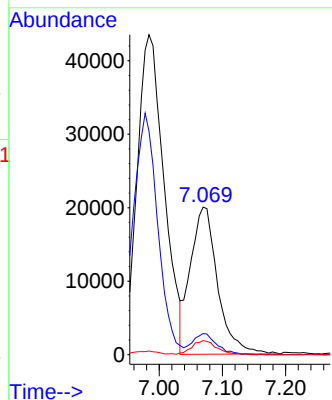
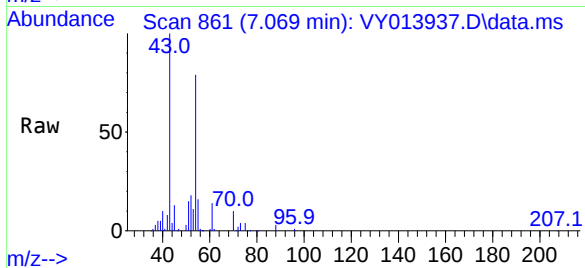
Tgt Ion: 43 Resp: 60047

Ion Ratio Lower Upper

43 100

61 12.9 10.5 15.7

70 8.7 6.9 10.3



#38

Carbon Tetrachloride

Concen: 18.249 ug/l

RT: 7.892 min Scan# 996

Delta R.T. -0.012 min

Lab File: VY013937.D

Acq: 31 May 2023 15:49

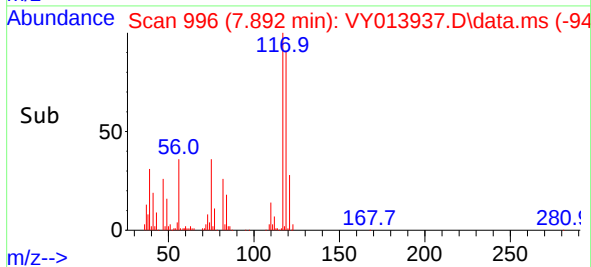
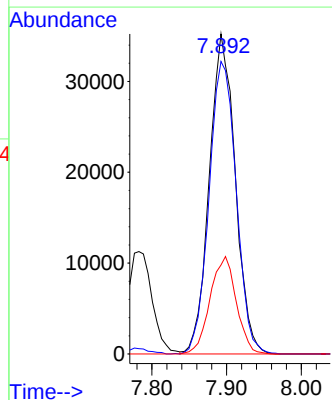
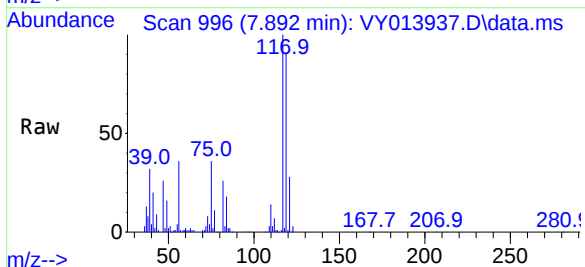
Tgt Ion: 117 Resp: 84881

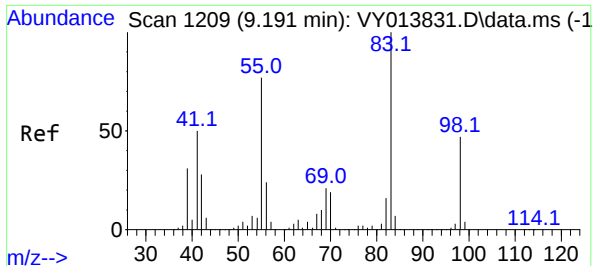
Ion Ratio Lower Upper

117 100

119 91.4 75.6 113.4

121 27.8 24.8 37.2





#39

Methylcyclohexane

Concen: 16.248 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY013937.D

Acq: 31 May 2023 15:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0531SBS01

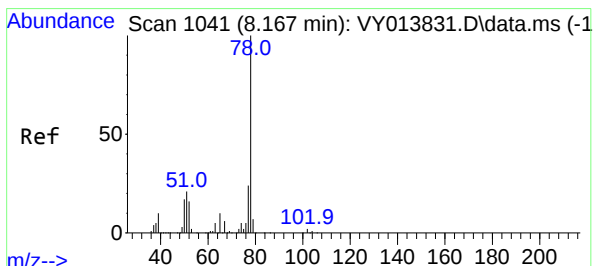
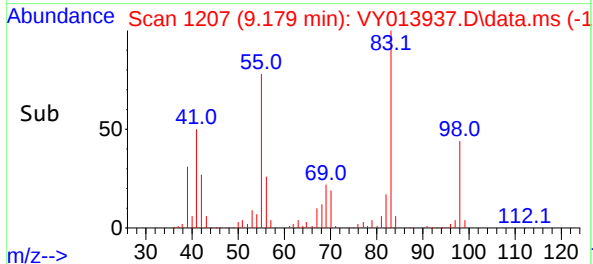
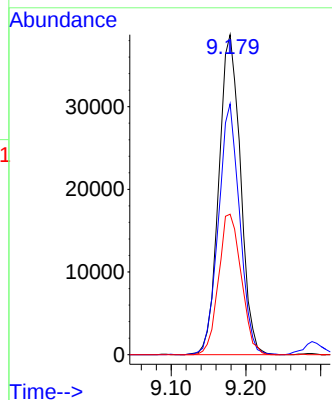
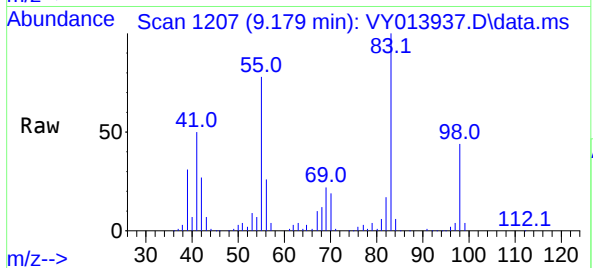
Tgt Ion: 83 Resp: 77825

Ion Ratio Lower Upper

83 100

55 78.4 61.6 92.4

98 43.9 38.0 57.0



#40

Benzene

Concen: 17.970 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.012 min

Lab File: VY013937.D

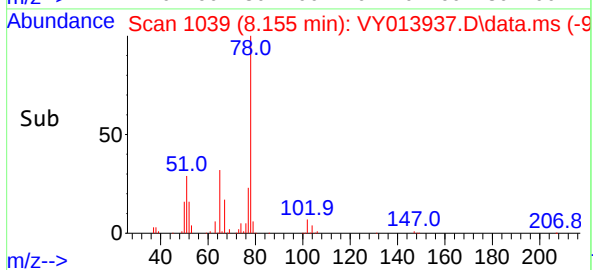
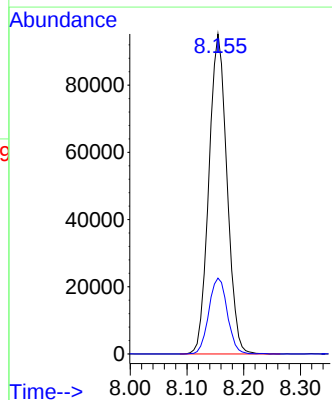
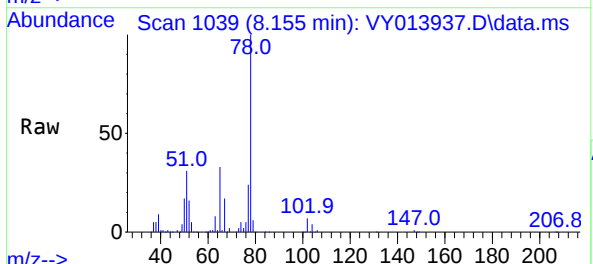
Acq: 31 May 2023 15:49

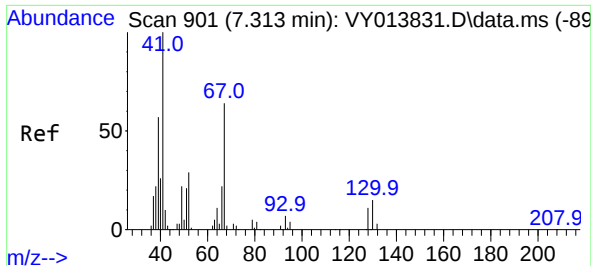
Tgt Ion: 78 Resp: 211094

Ion Ratio Lower Upper

78 100

77 23.7 19.5 29.3

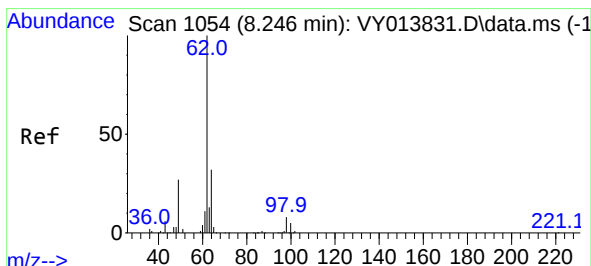
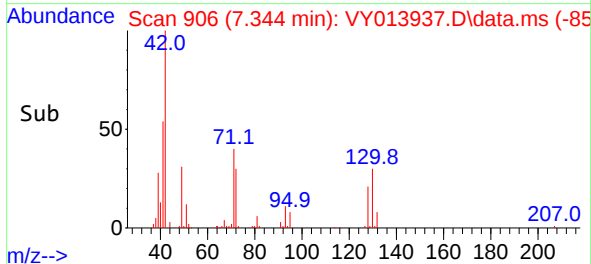
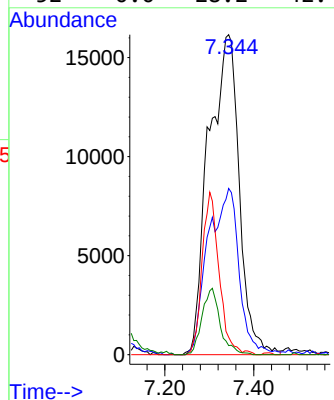
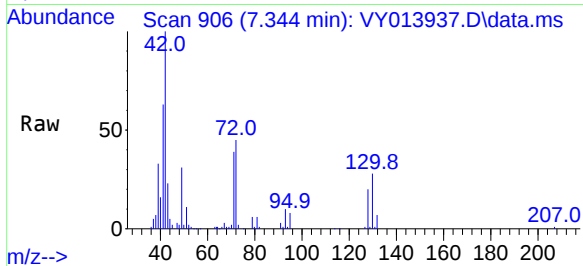




#41
Methacrylonitrile
Concen: 56.473 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.030 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

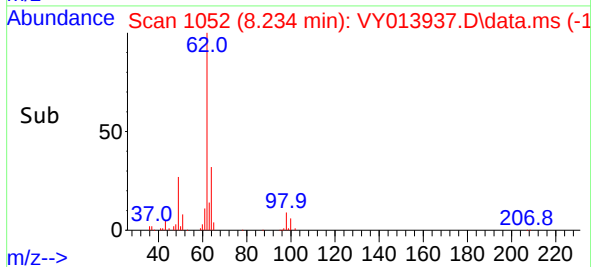
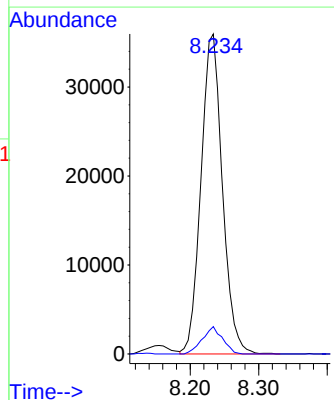
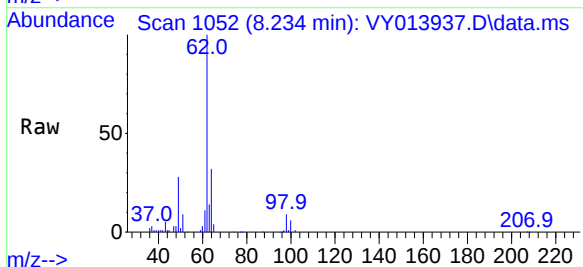
Instrument :
MSVOA_Y
ClientSampleId :
VY0531SBS01

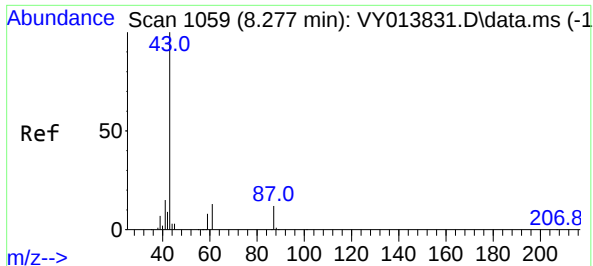
Tgt Ion: 41 Resp: 76872
Ion Ratio Lower Upper
41 100
39 0.0 44.1 66.1#
67 0.0 63.7 95.5#
52 0.0 28.2 42.4#



#42
1,2-Dichloroethane
Concen: 20.338 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.012 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

Tgt Ion: 62 Resp: 78224
Ion Ratio Lower Upper
62 100
98 8.1 0.0 16.8





#43

Isopropyl Acetate

Concen: 21.467 ug/l

RT: 8.270 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VY013937.D

Acq: 31 May 2023 15:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0531SBSD01

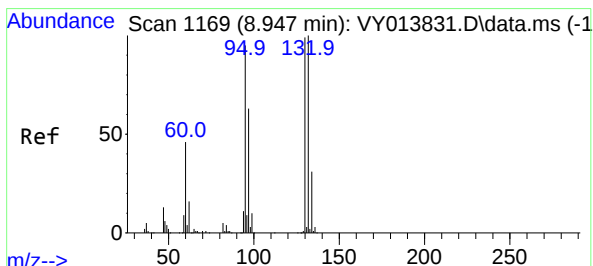
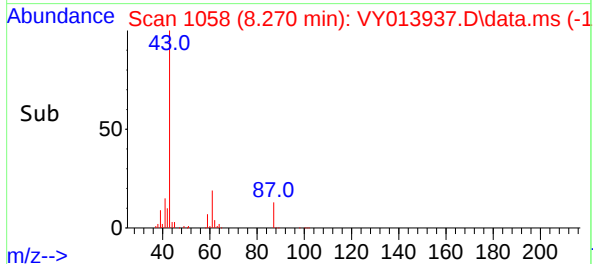
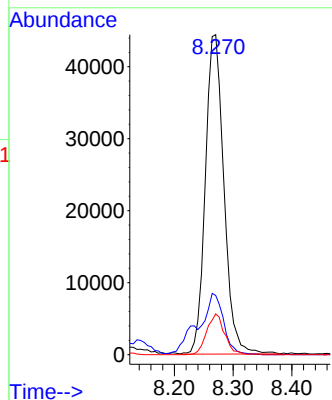
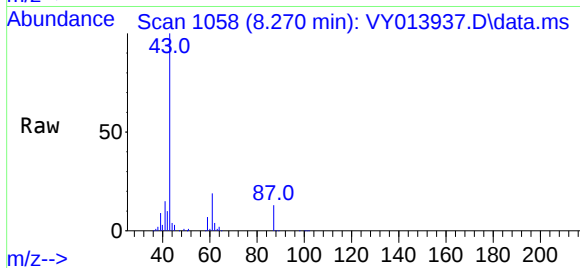
Tgt Ion: 43 Resp: 97596

Ion Ratio Lower Upper

43 100

61 19.1 21.1 31.7#

87 12.4 9.8 14.6



#44

Trichloroethene

Concen: 17.907 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. -0.012 min

Lab File: VY013937.D

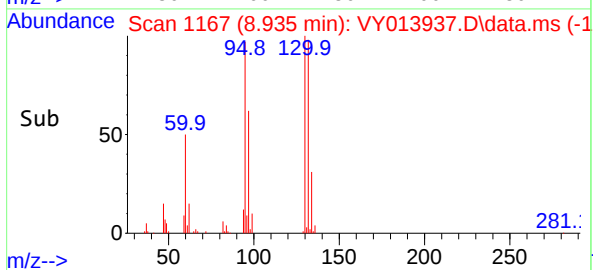
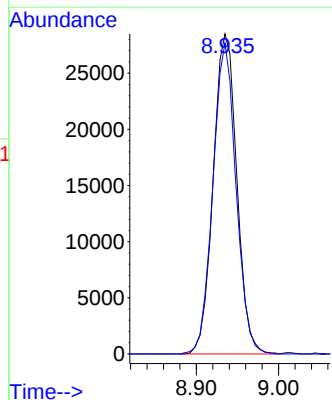
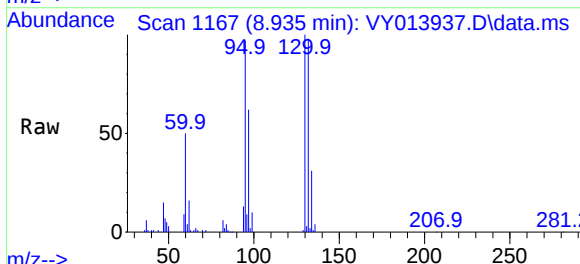
Acq: 31 May 2023 15:49

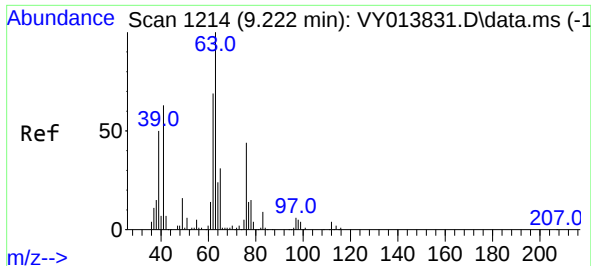
Tgt Ion:130 Resp: 56673

Ion Ratio Lower Upper

130 100

95 97.1 0.0 192.8

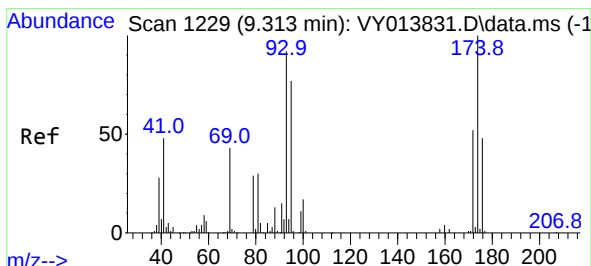
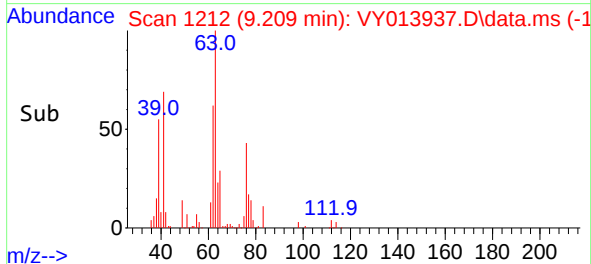
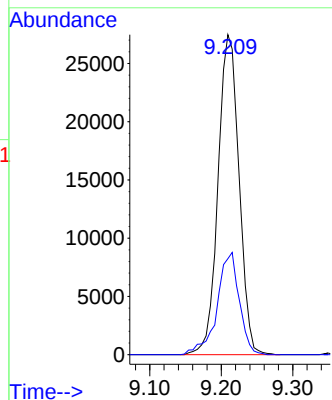
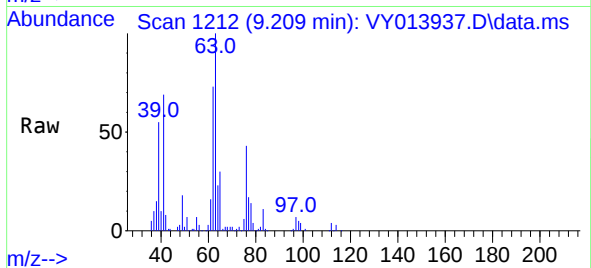




#45
1,2-Dichloropropane
Concen: 18.626 ug/l
RT: 9.209 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

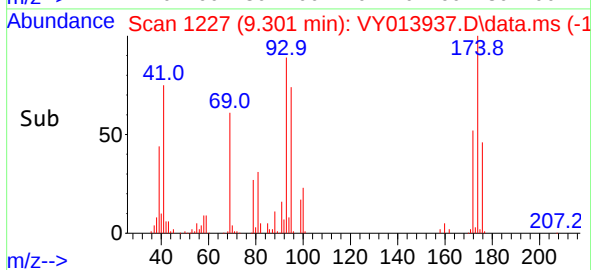
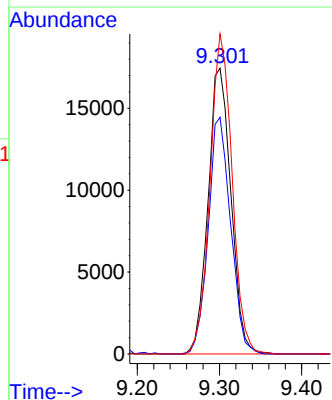
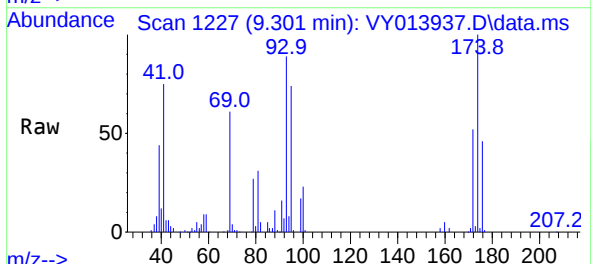
Instrument :
MSVOA_Y
ClientSampleId :
VY0531SBSD01

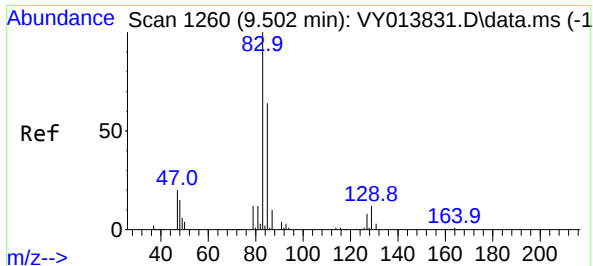
Tgt Ion: 63 Resp: 56051
Ion Ratio Lower Upper
63 100
65 30.0 24.7 37.1



#46
Dibromomethane
Concen: 19.662 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.012 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

Tgt Ion: 93 Resp: 33887
Ion Ratio Lower Upper
93 100
95 81.0 66.4 99.6
174 107.7 83.9 125.9

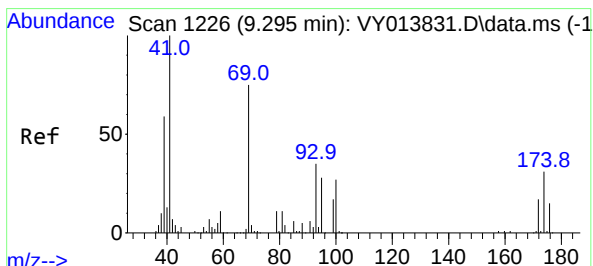
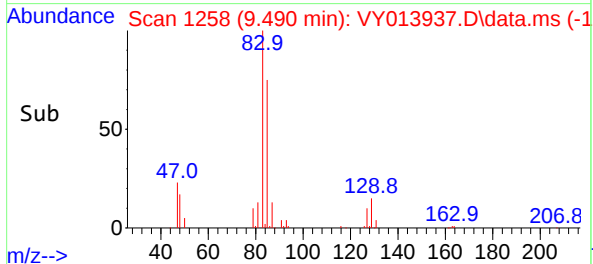
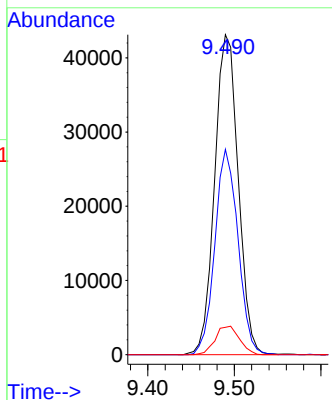
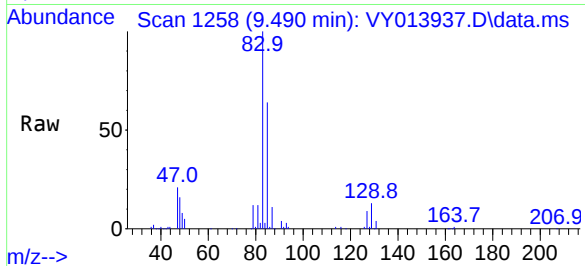




#47
Bromodichloromethane
Concen: 19.396 ug/l
RT: 9.490 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

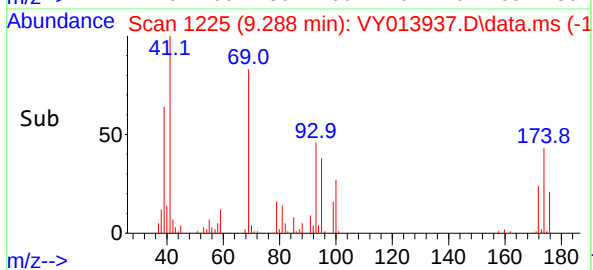
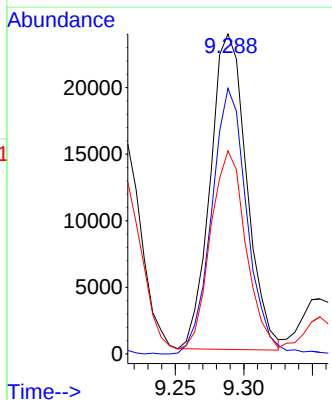
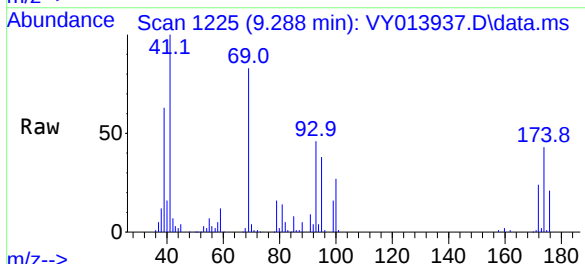
Instrument :
MSVOA_Y
ClientSampleId :
VY0531SBSD01

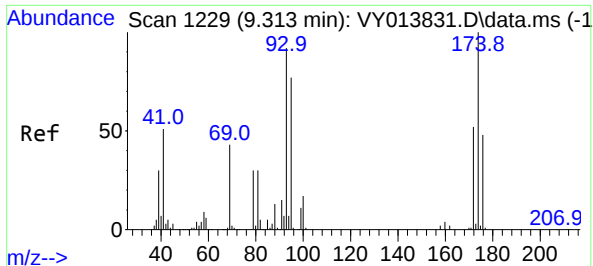
Tgt Ion:	83	Resp:	81464
Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.5	77.3
127	8.6	6.6	10.0



#48
Methyl methacrylate
Concen: 20.480 ug/l
RT: 9.288 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

Tgt Ion:	41	Resp:	43720
Ion	Ratio	Lower	Upper
41	100		
69	82.1	62.0	93.0
39	63.6	45.7	68.5





#49

1,4-Dioxane

Concen: 478.350 ug/l

RT: 9.307 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013937.D

Acq: 31 May 2023 15:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0531SBS01

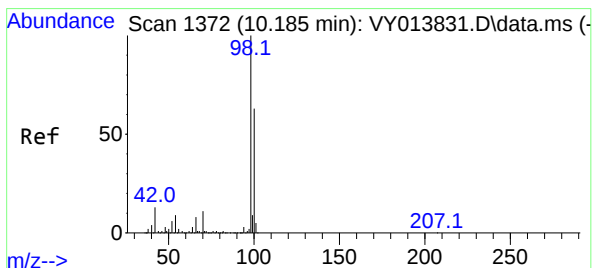
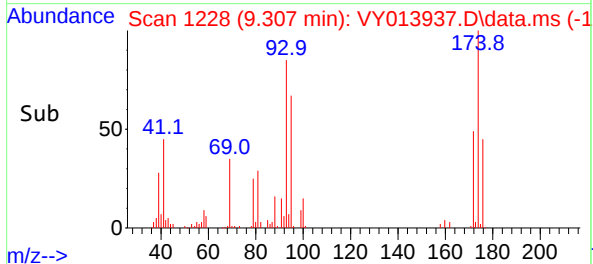
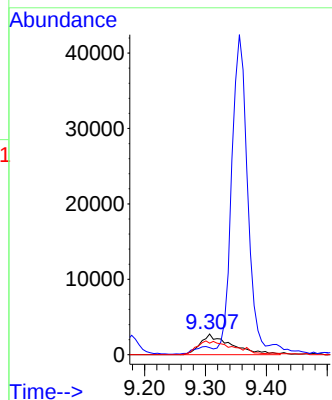
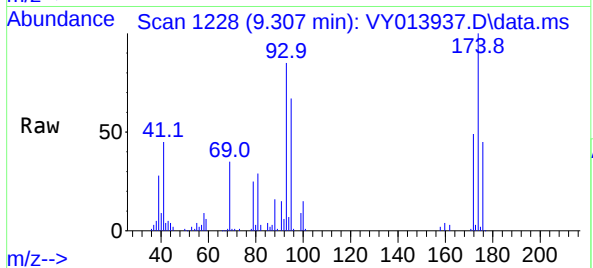
Tgt Ion: 88 Resp: 9689

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 77.8 59.0 88.6



#50

Toluene-d8

Concen: 47.188 ug/l

RT: 10.172 min Scan# 1370

Delta R.T. -0.012 min

Lab File: VY013937.D

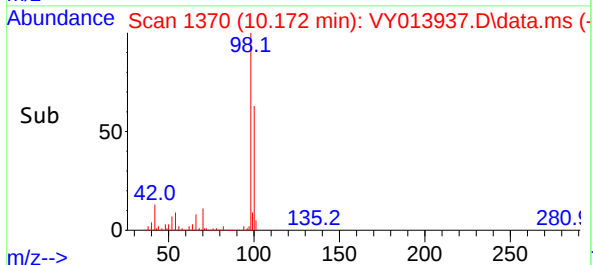
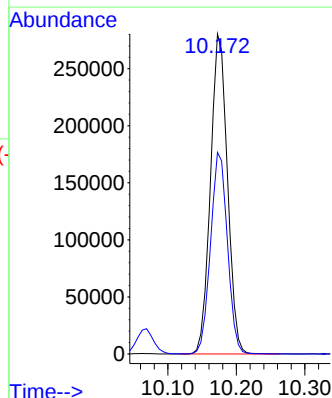
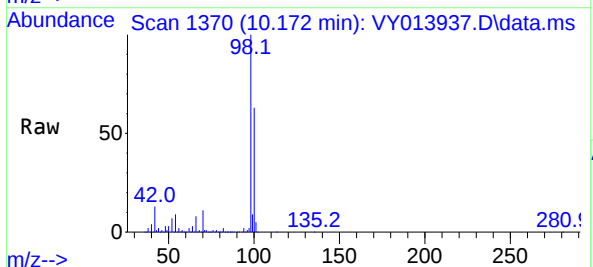
Acq: 31 May 2023 15:49

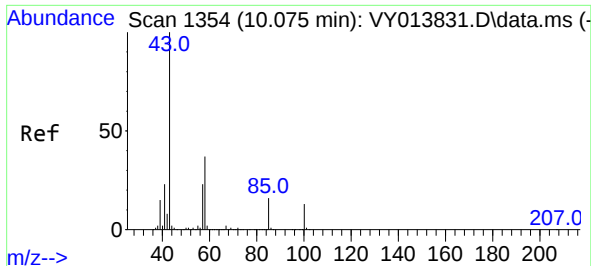
Tgt Ion: 98 Resp: 481583

Ion Ratio Lower Upper

98 100

100 62.7 50.8 76.2

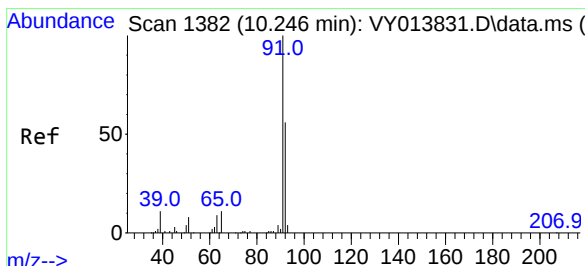
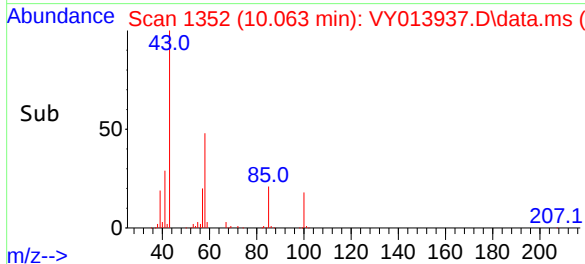
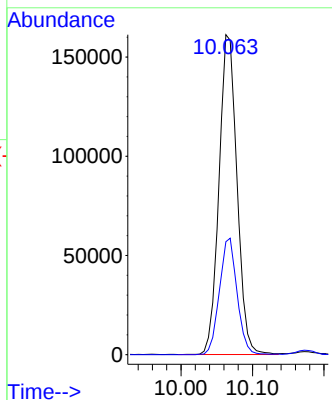
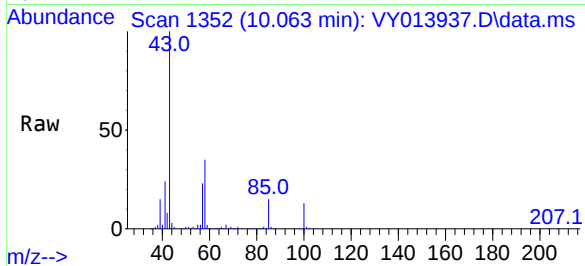




#51
4-Methyl-2-Pentanone
Concen: 116.315 ug/l
RT: 10.063 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

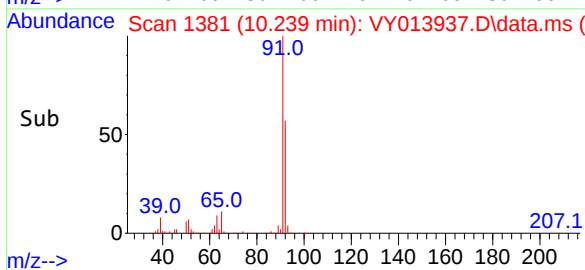
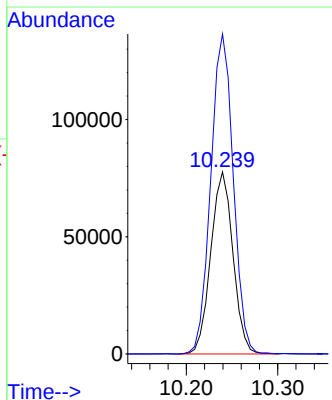
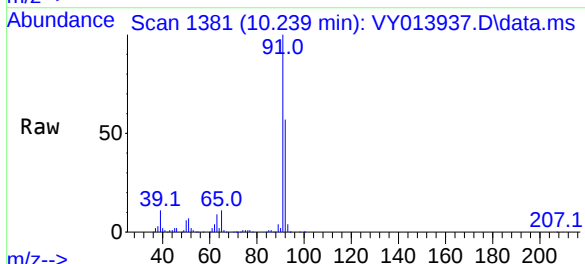
Instrument :
MSVOA_Y
ClientSampleId :
VY0531SBSD01

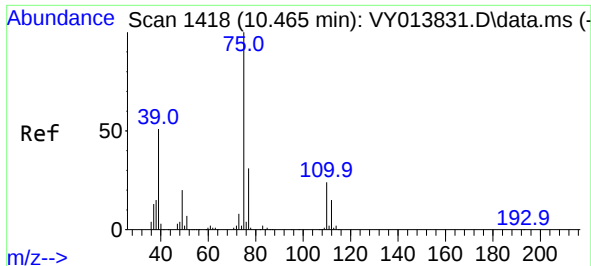
Tgt Ion: 43 Resp: 281806
Ion Ratio Lower Upper
43 100
58 35.8 29.1 43.7



#52
Toluene
Concen: 18.284 ug/l
RT: 10.239 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

Tgt Ion: 92 Resp: 130959
Ion Ratio Lower Upper
92 100
91 178.1 142.2 213.4

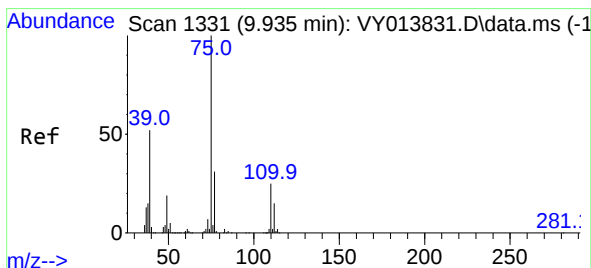
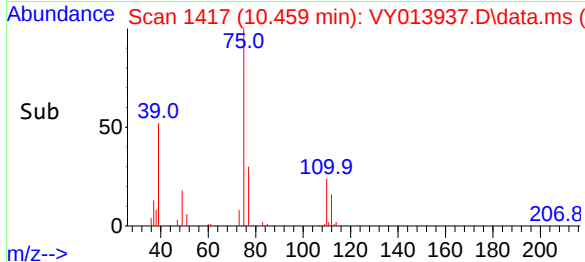
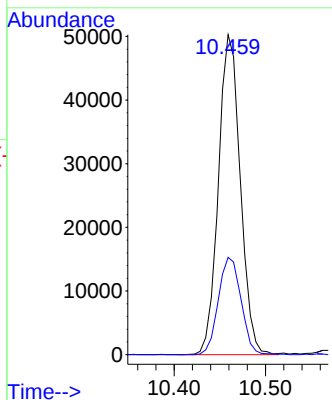
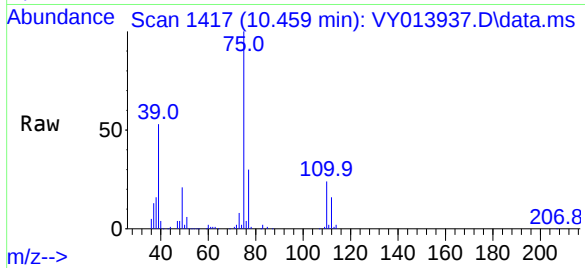




#53
t-1,3-Dichloropropene
Concen: 19.573 ug/l
RT: 10.459 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

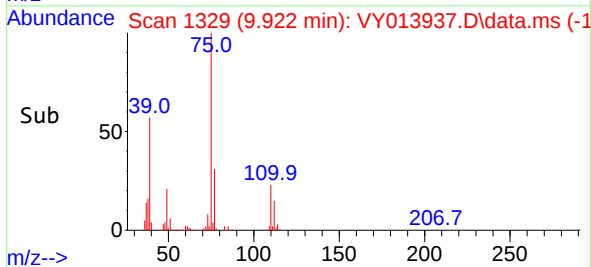
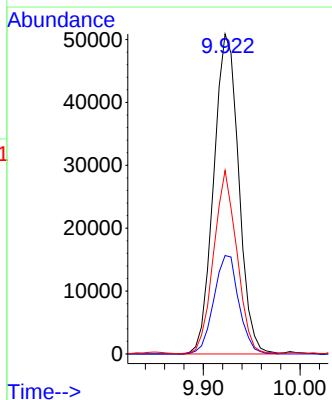
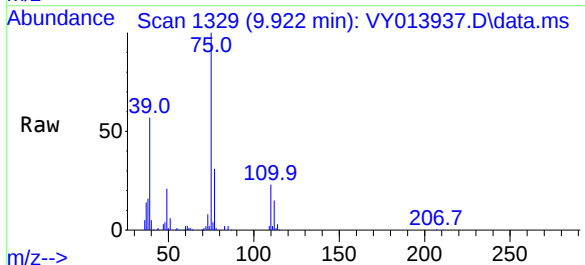
Instrument :
MSVOA_Y
ClientSampleId :
VY0531SBS01

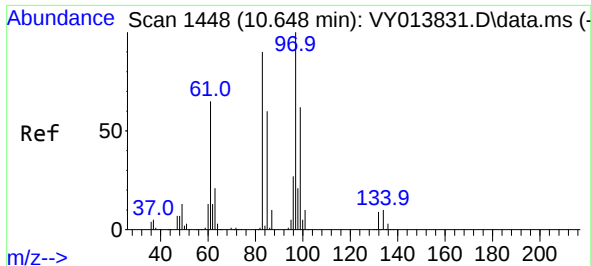
Tgt Ion: 75 Resp: 83682
Ion Ratio Lower Upper
75 100
77 30.4 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 19.067 ug/l
RT: 9.922 min Scan# 1329
Delta R.T. -0.012 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

Tgt Ion: 75 Resp: 91323
Ion Ratio Lower Upper
75 100
77 30.8 24.8 37.2
39 57.2 41.8 62.8



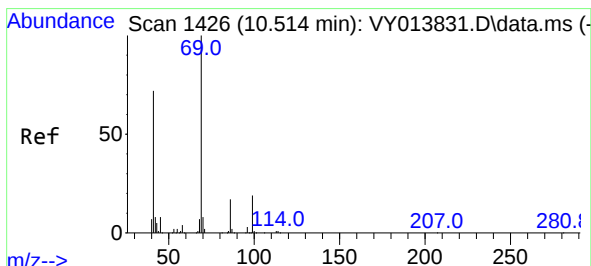
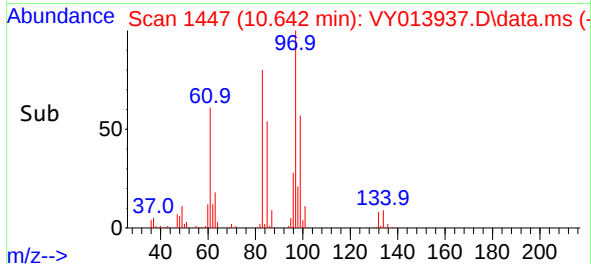
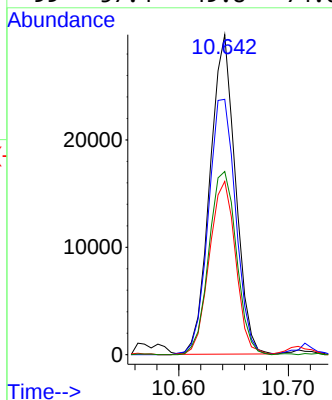
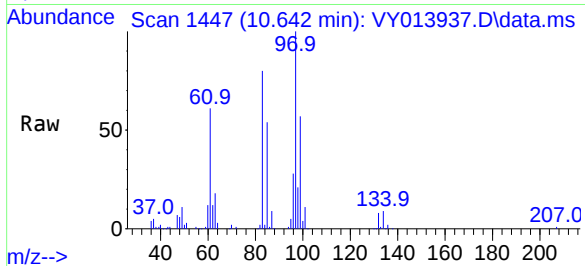


#55
1,1,2-Trichloroethane
Concen: 20.756 ug/l
RT: 10.642 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0531SBSD01

Tgt Ion: 97 Resp: 48127

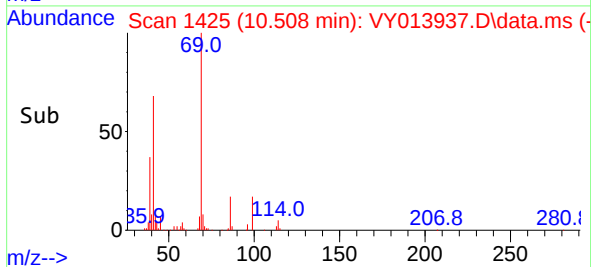
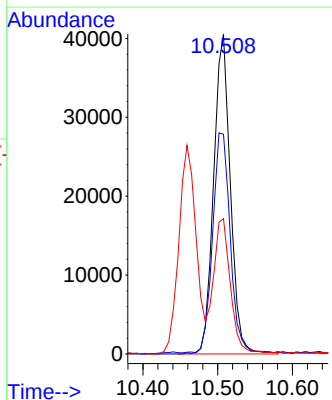
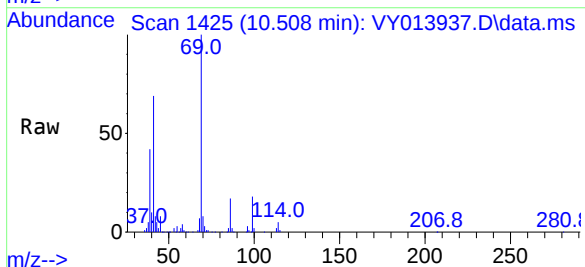
Ion	Ratio	Lower	Upper
97	100		
83	79.5	71.9	107.9
85	54.0	47.6	71.4
99	57.4	49.8	74.6

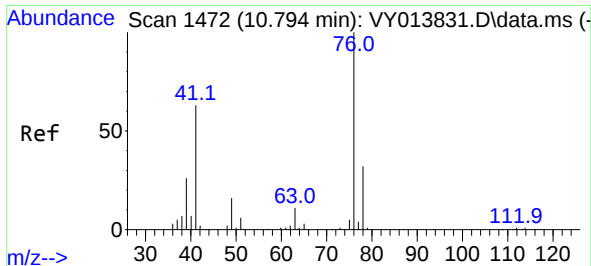


#56
Ethyl methacrylate
Concen: 20.344 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

Tgt Ion: 69 Resp: 62968

Ion	Ratio	Lower	Upper
69	100		
41	73.2	57.8	86.6
39	42.7	33.9	50.9

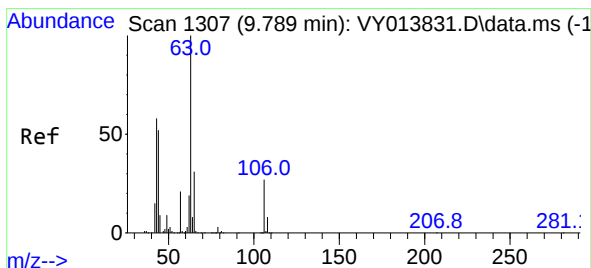
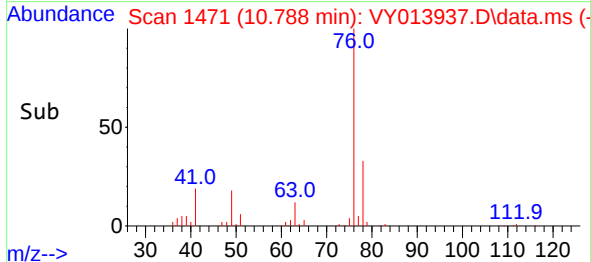
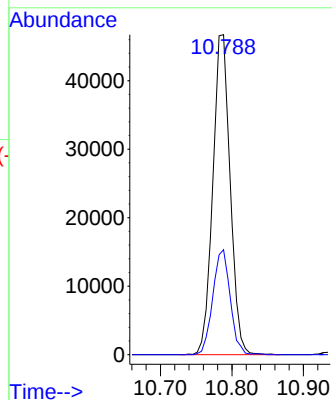
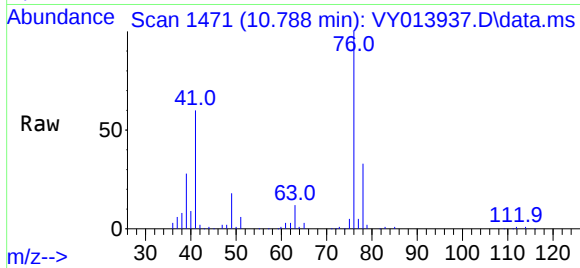




#57
1,3-Dichloropropane
Concen: 19.931 ug/l
RT: 10.788 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

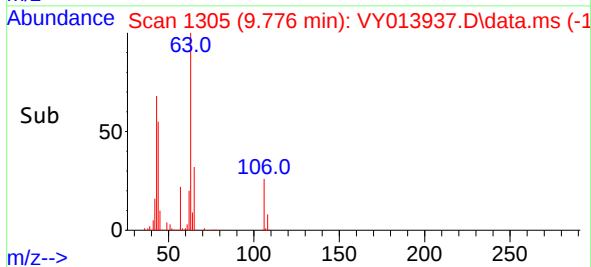
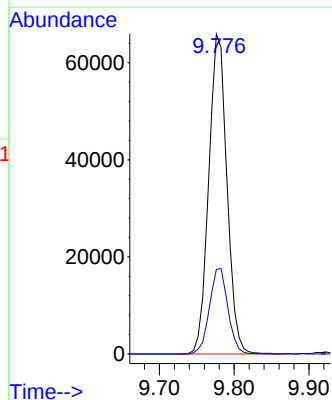
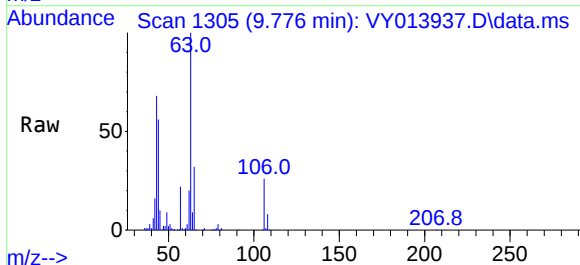
Instrument :
MSVOA_Y
ClientSampleId :
VY0531SBSD01

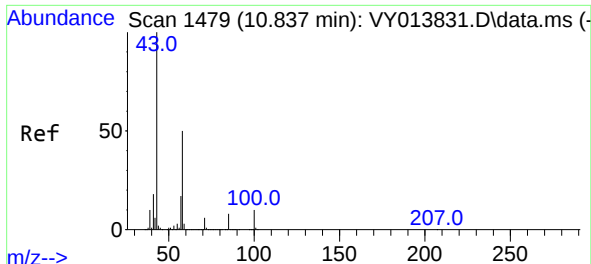
Tgt Ion: 76 Resp: 78703
Ion Ratio Lower Upper
76 100
78 33.0 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 112.887 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. -0.012 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

Tgt Ion: 63 Resp: 111485
Ion Ratio Lower Upper
63 100
106 27.1 21.3 31.9

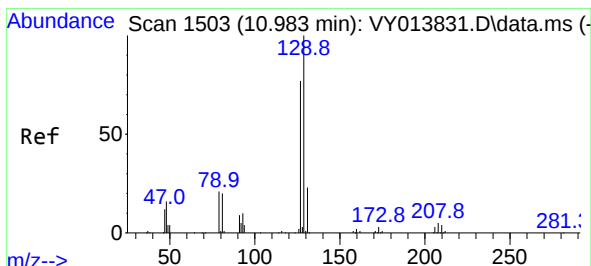
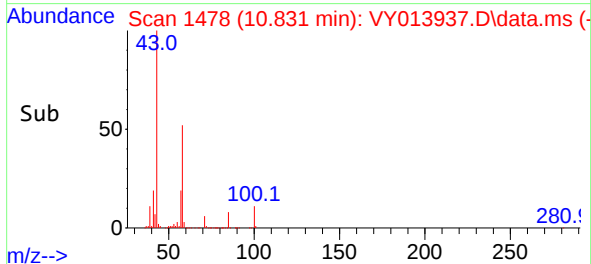
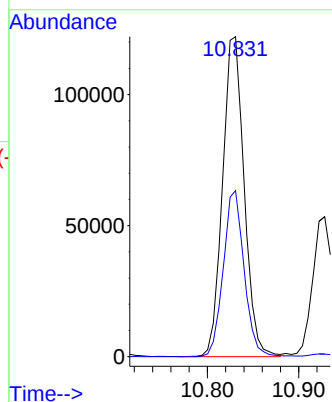
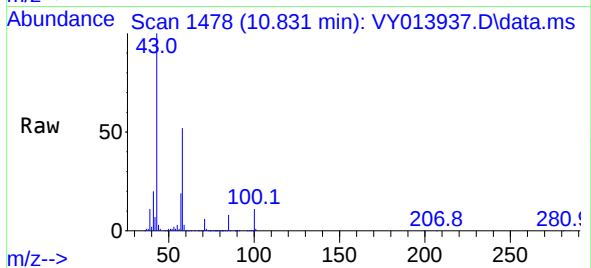




#59
2-Hexanone
Concen: 116.522 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

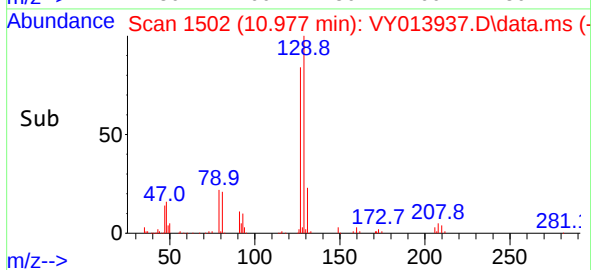
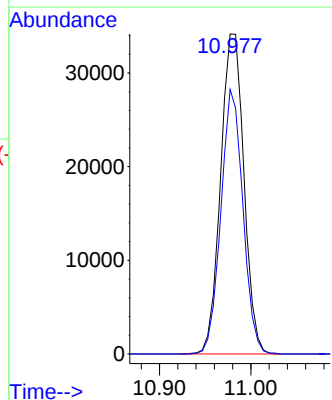
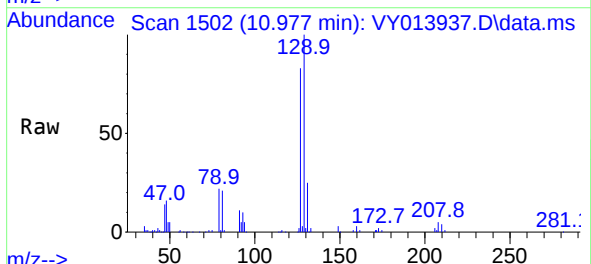
Instrument :
MSVOA_Y
ClientSampleId :
VY0531SBSD01

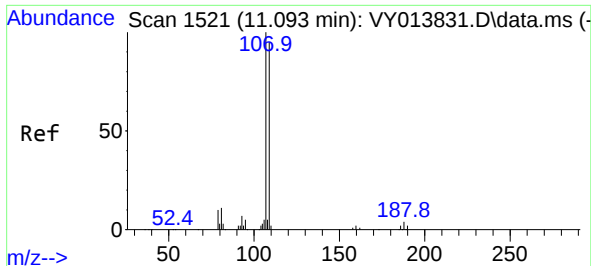
Tgt Ion: 43 Resp: 200809
Ion Ratio Lower Upper
43 100
58 50.1 24.8 74.3



#60
Dibromochloromethane
Concen: 20.682 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.006 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

Tgt Ion: 129 Resp: 60662
Ion Ratio Lower Upper
129 100
127 78.0 38.6 116.0

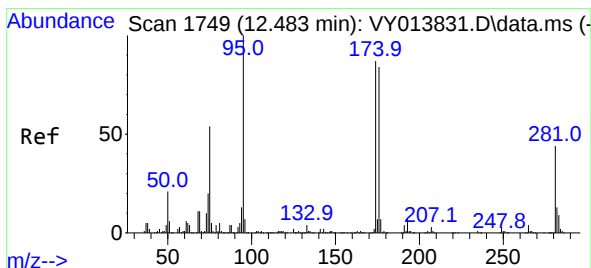
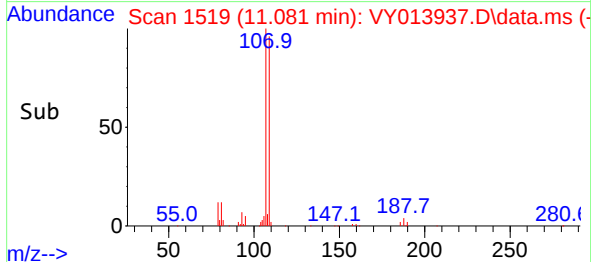
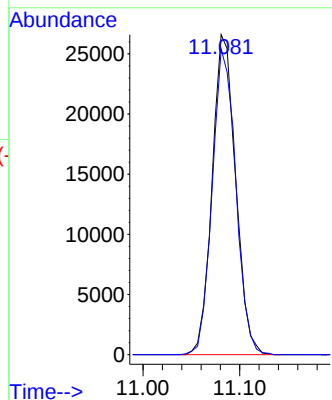
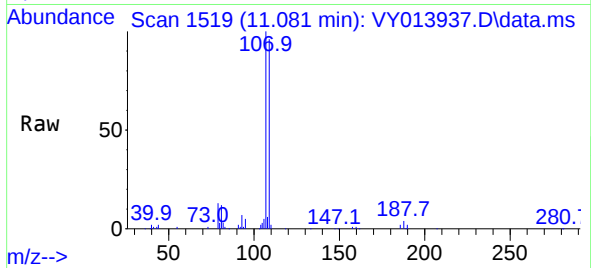




#61
1,2-Dibromoethane
Concen: 20.256 ug/l
RT: 11.081 min Scan# 1519
Delta R.T. -0.012 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

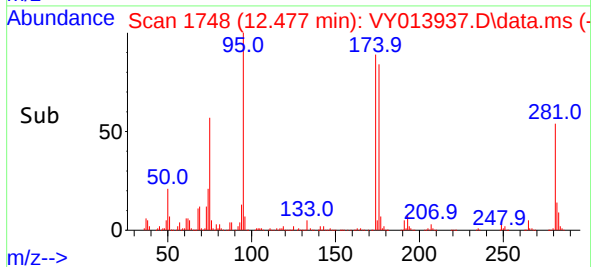
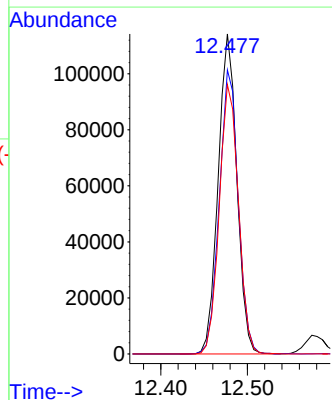
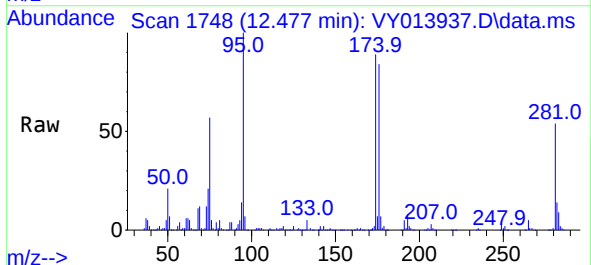
Instrument :
MSVOA_Y
ClientSampleId :
VY0531SBS01

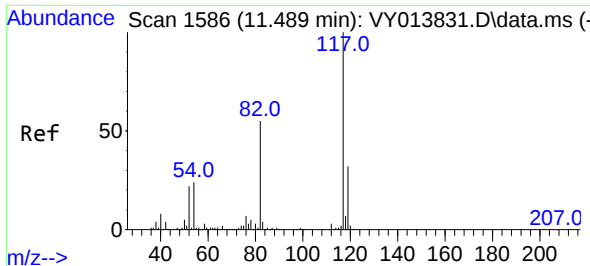
Tgt Ion:107 Resp: 44679
Ion Ratio Lower Upper
107 100
109 96.1 74.9 112.3



#62
4-Bromofluorobenzene
Concen: 50.464 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

Tgt Ion: 95 Resp: 171193
Ion Ratio Lower Upper
95 100
174 89.8 0.0 176.0
176 86.2 0.0 170.2

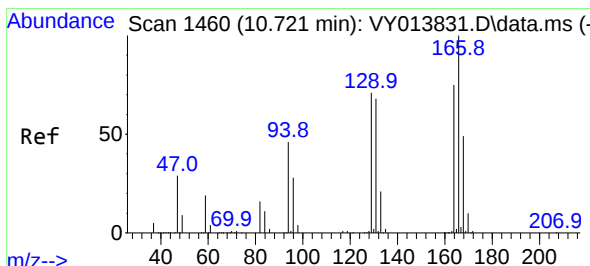
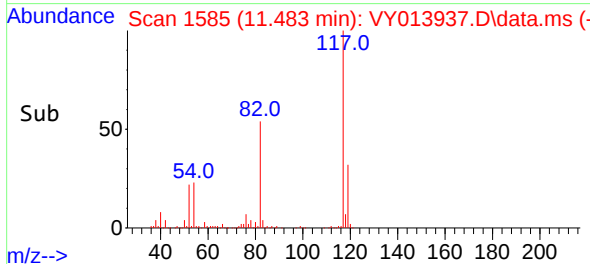
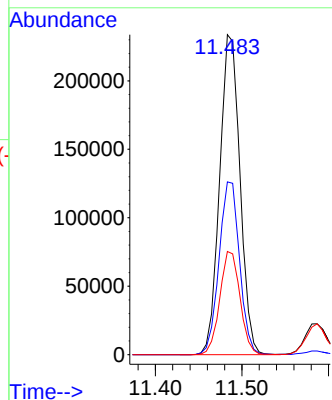
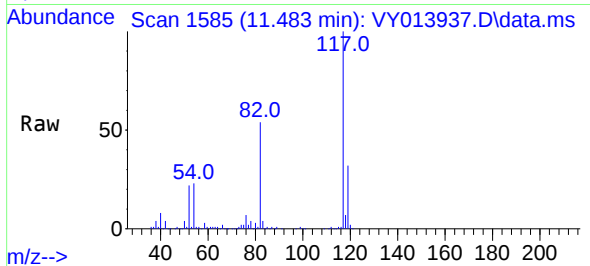




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

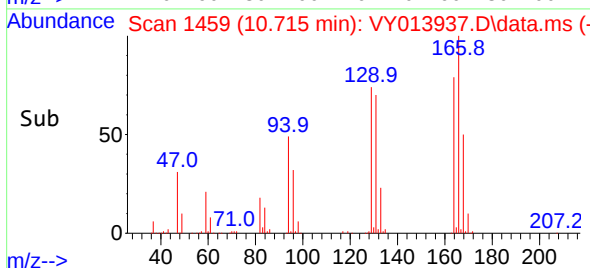
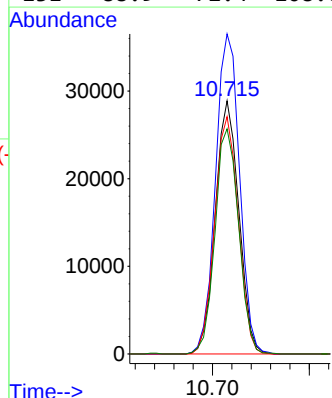
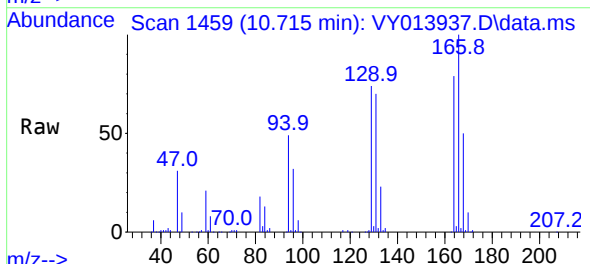
Instrument :
MSVOA_Y
ClientSampleId :
VY0531SBSD01

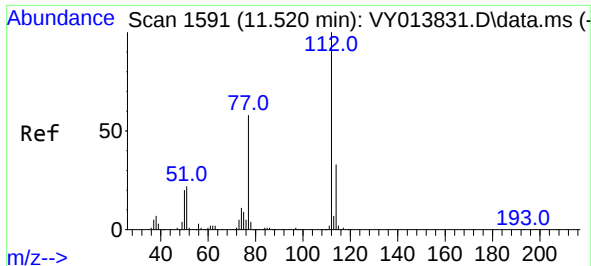
Tgt Ion:117 Resp: 381789
Ion Ratio Lower Upper
117 100
82 54.0 44.2 66.4
119 32.3 25.7 38.5



#64
Tetrachloroethene
Concen: 17.276 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

Tgt Ion:164 Resp: 48802
Ion Ratio Lower Upper
164 100
166 126.4 106.2 159.2
129 93.7 75.4 113.0
131 88.9 72.4 108.6

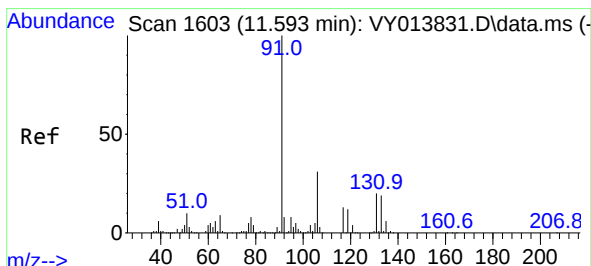
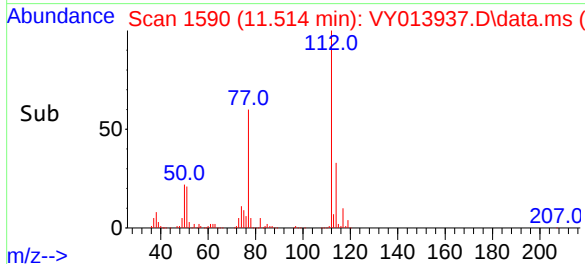
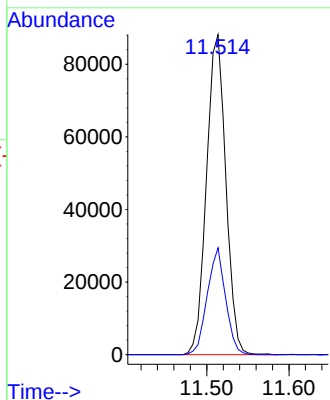
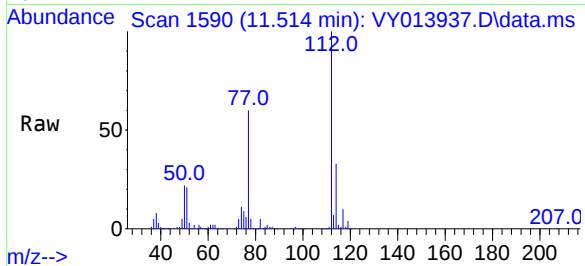




#65
Chlorobenzene
Concen: 18.052 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

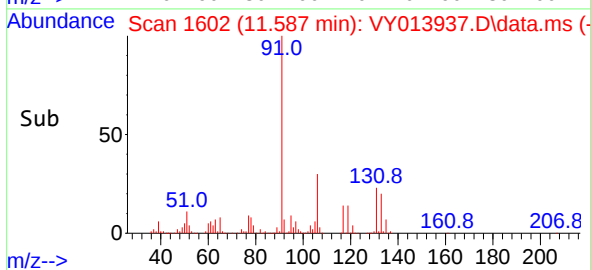
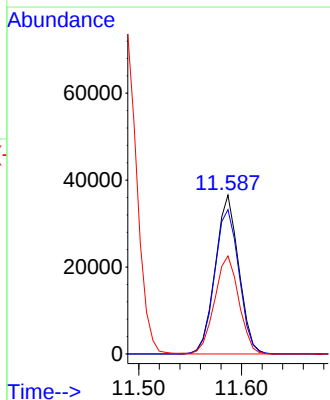
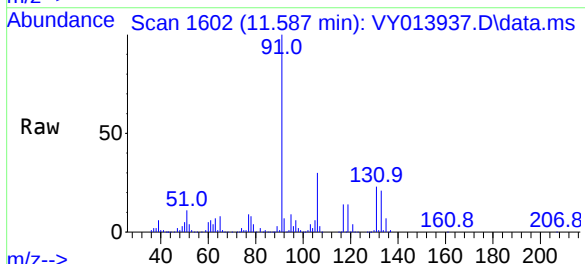
Instrument :
MSVOA_Y
ClientSampleId :
VY0531SBSD01

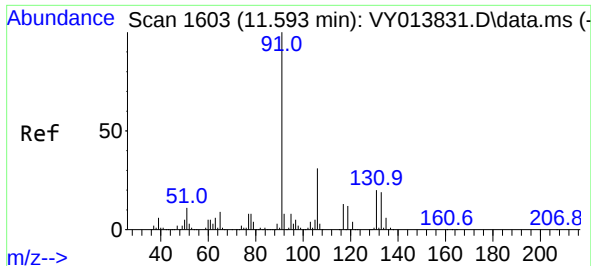
Tgt Ion:112 Resp: 144446
Ion Ratio Lower Upper
112 100
114 33.4 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 18.791 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

Tgt Ion:131 Resp: 58032
Ion Ratio Lower Upper
131 100
133 94.3 47.9 143.7
119 63.7 32.1 96.5





#67

Ethyl Benzene

Concen: 17.576 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013937.D

Acq: 31 May 2023 15:49

Instrument :

MSVOA_Y

ClientSampleId :

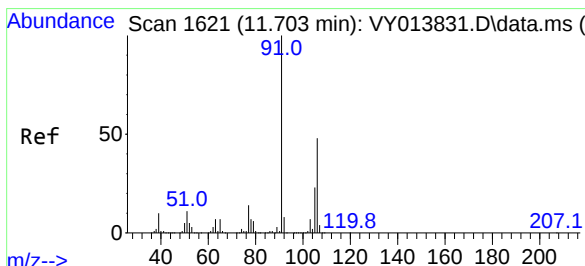
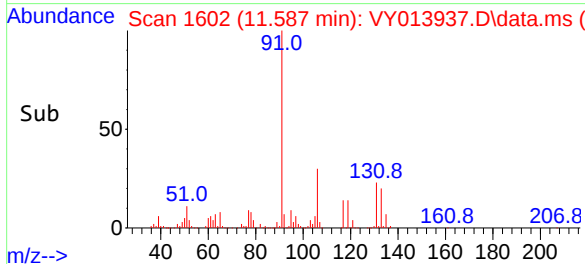
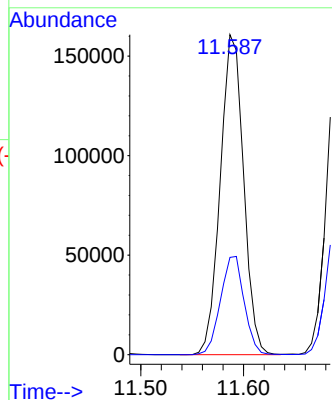
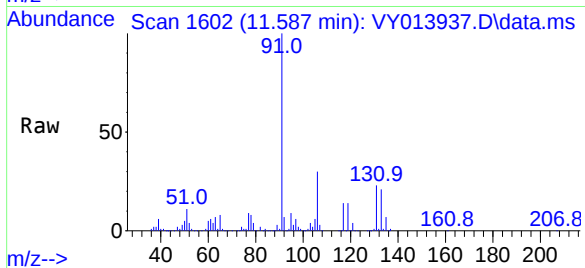
VY0531SBS01

Tgt Ion: 91 Resp: 253088

Ion Ratio Lower Upper

91 100

106 30.4 24.7 37.1



#68

m/p-Xylenes

Concen: 35.801 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY013937.D

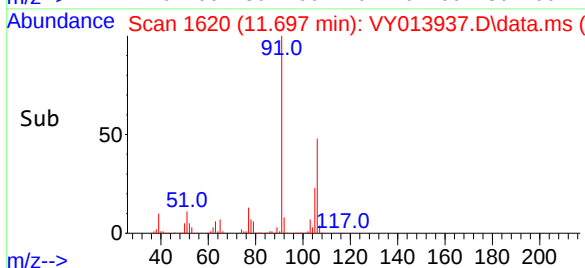
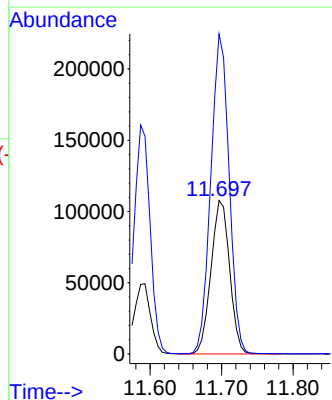
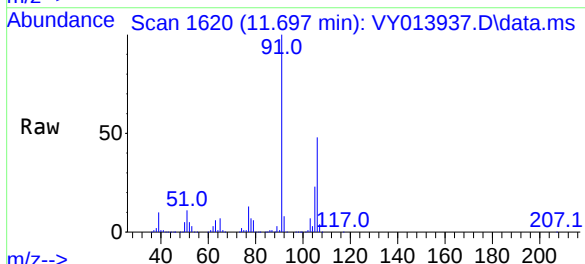
Acq: 31 May 2023 15:49

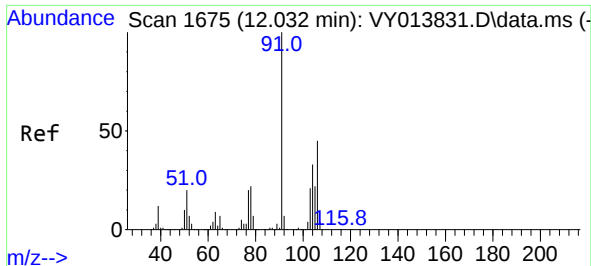
Tgt Ion:106 Resp: 195098

Ion Ratio Lower Upper

106 100

91 204.5 164.9 247.3

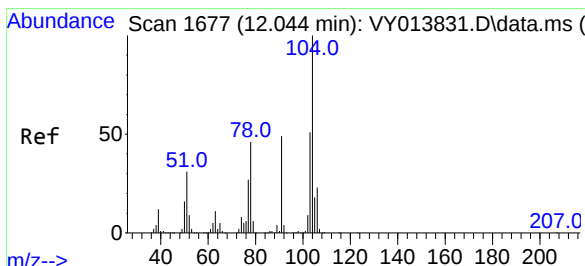
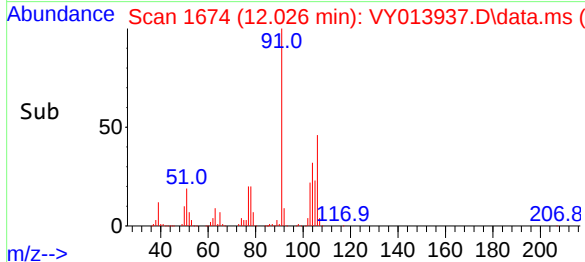
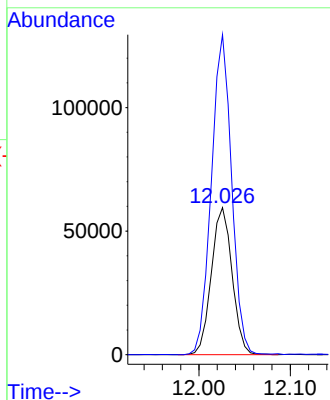
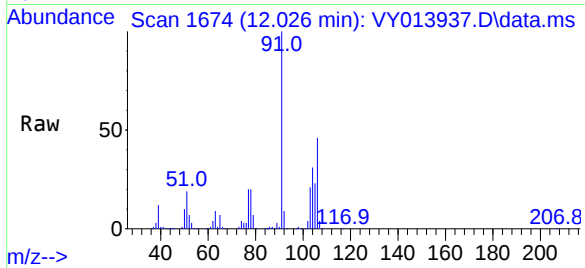




#69
o-Xylene
Concen: 18.270 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

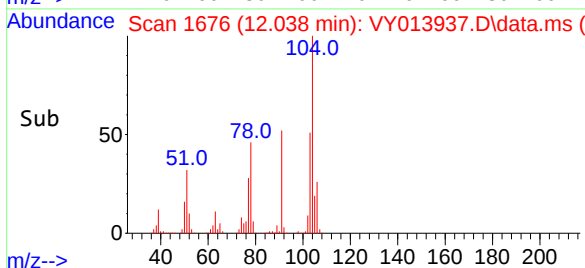
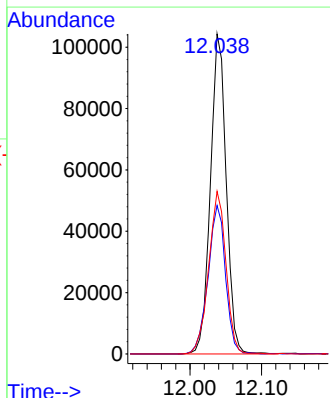
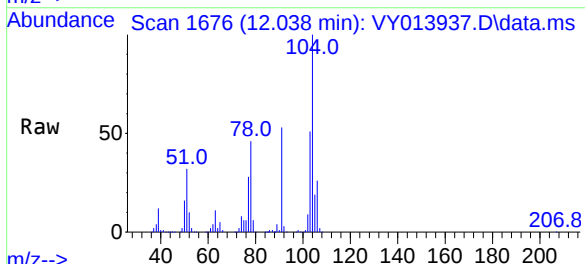
Instrument :
MSVOA_Y
ClientSampleId :
VY0531SBSD01

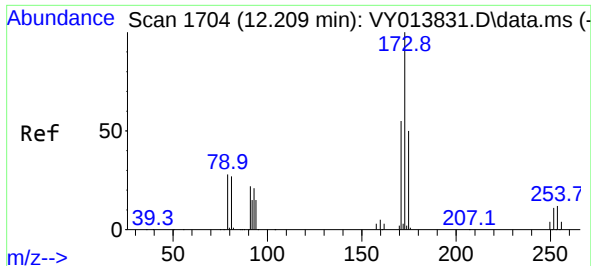
Tgt Ion:106 Resp: 93782
Ion Ratio Lower Upper
106 100
91 212.2 109.0 327.0



#70
Styrene
Concen: 18.434 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

Tgt Ion:104 Resp: 160285
Ion Ratio Lower Upper
104 100
78 51.2 40.8 61.2
103 55.7 44.2 66.4

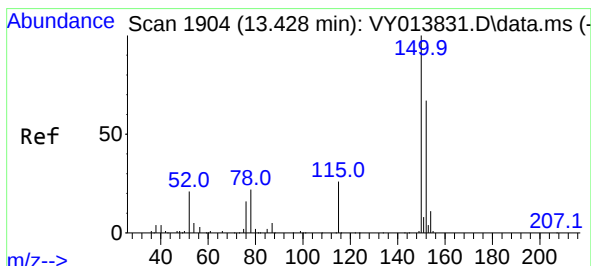
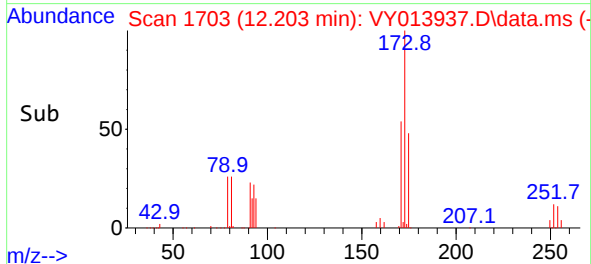
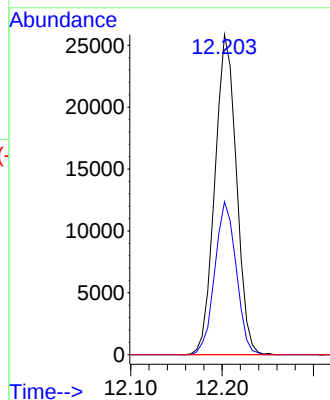
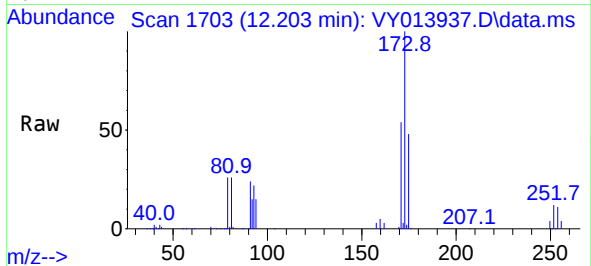




#71
Bromoform
Concen: 21.024 ug/l
RT: 12.203 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

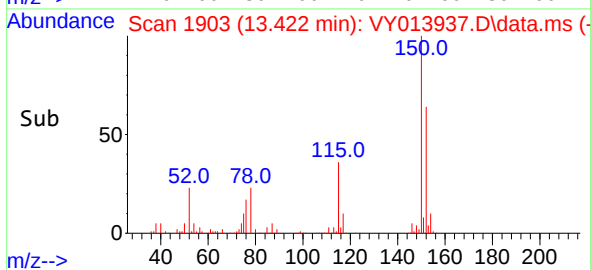
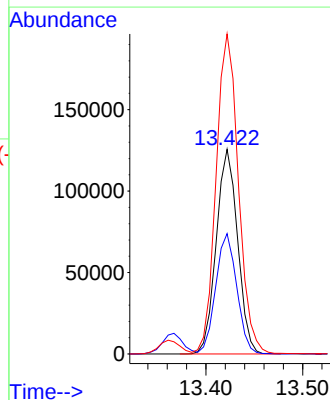
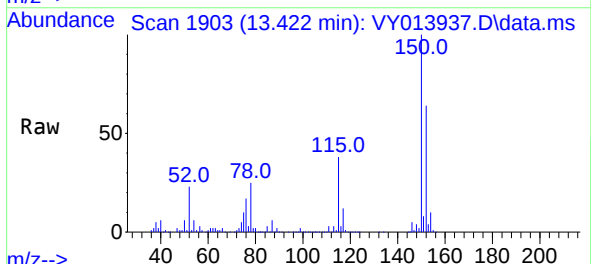
Instrument :
MSVOA_Y
ClientSampleId :
VY0531SBS01

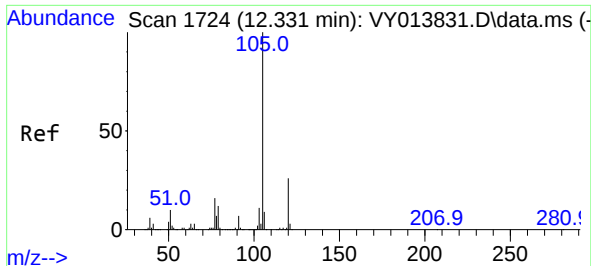
Tgt Ion:173 Resp: 42438
Ion Ratio Lower Upper
173 100
175 47.4 25.1 75.4
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

Tgt Ion:152 Resp: 192806
Ion Ratio Lower Upper
152 100
115 57.9 28.8 86.5
150 163.4 0.0 353.4

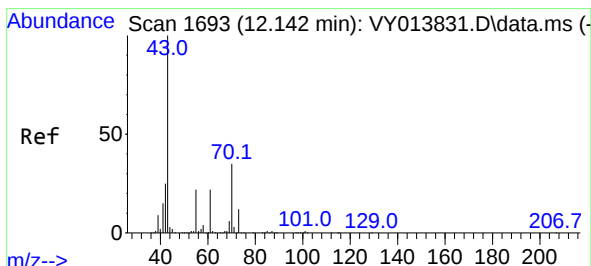
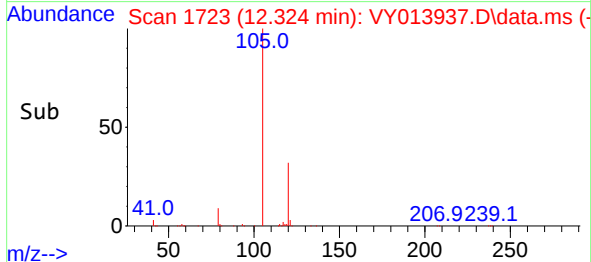
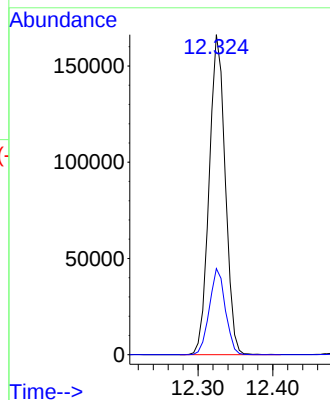
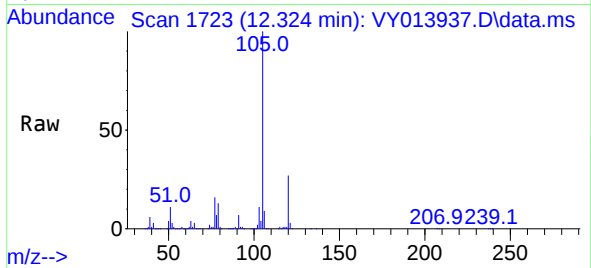




#73
Isopropylbenzene
Concen: 17.268 ug/l
RT: 12.324 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

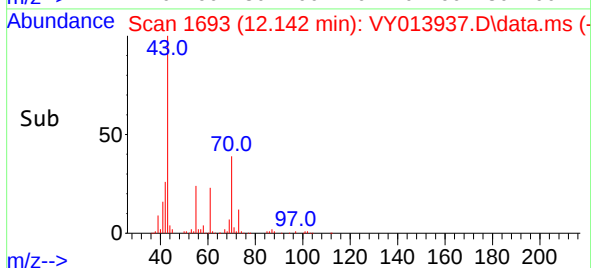
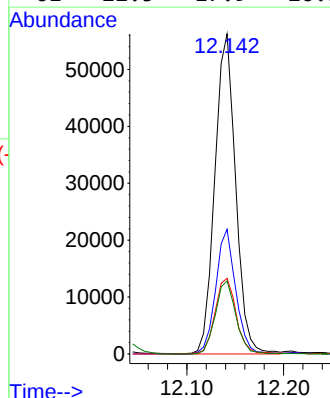
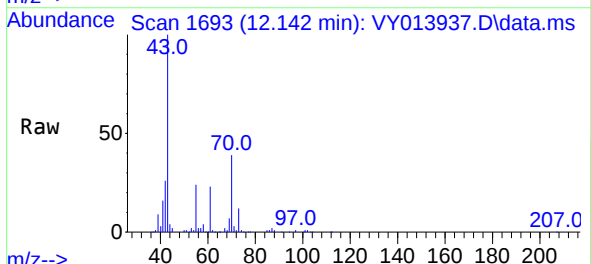
Instrument :
MSVOA_Y
ClientSampleId :
VY0531SBS01

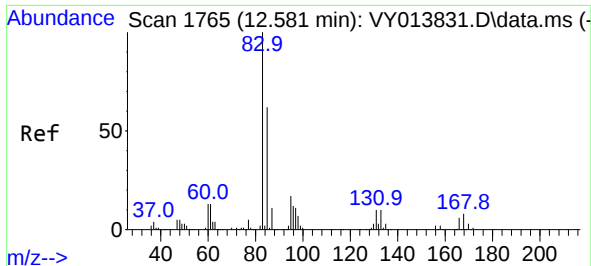
Tgt Ion:105 Resp: 247809
Ion Ratio Lower Upper
105 100
120 26.7 13.2 39.6



#74
N-ethyl acetate
Concen: 19.476 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

Tgt Ion: 43 Resp: 84030
Ion Ratio Lower Upper
43 100
70 37.3 29.3 43.9
55 24.3 18.0 27.0
61 22.5 17.9 26.9

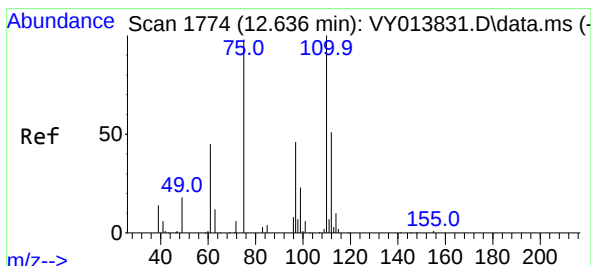
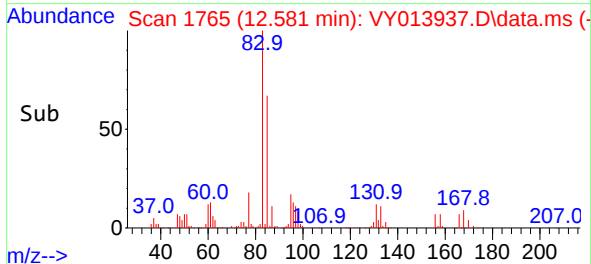
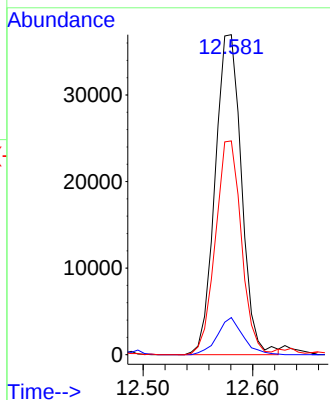
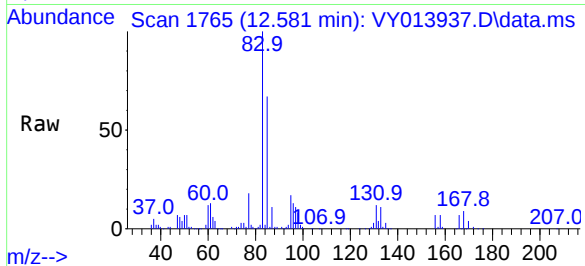




#75
1,1,2,2-Tetrachloroethane
Concen: 20.816 ug/l
RT: 12.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

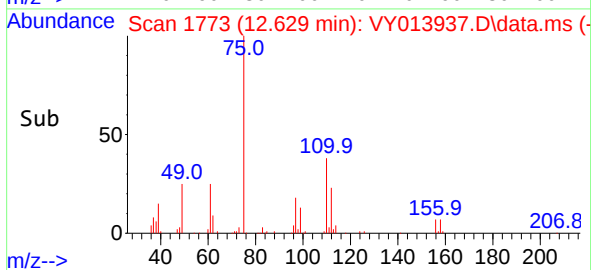
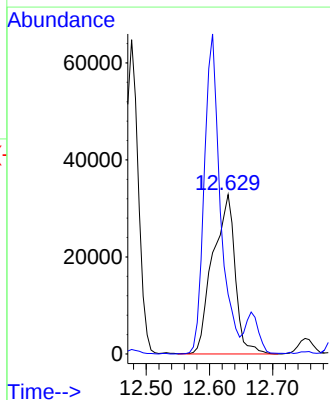
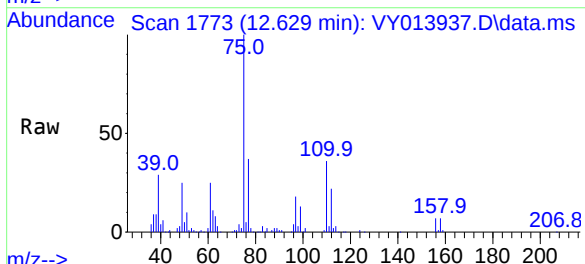
Instrument :
MSVOA_Y
ClientSampleId :
VY0531SBSD01

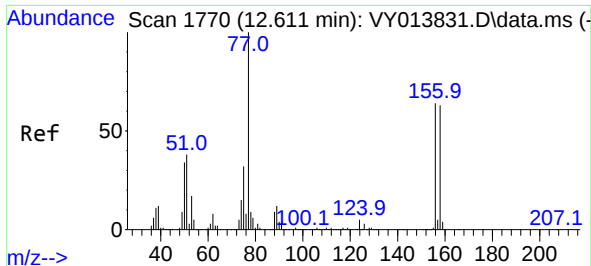
Tgt Ion: 83 Resp: 61838
Ion Ratio Lower Upper
83 100
131 11.3 5.3 16.1
85 65.8 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 35.432 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

Tgt Ion: 75 Resp: 80552
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

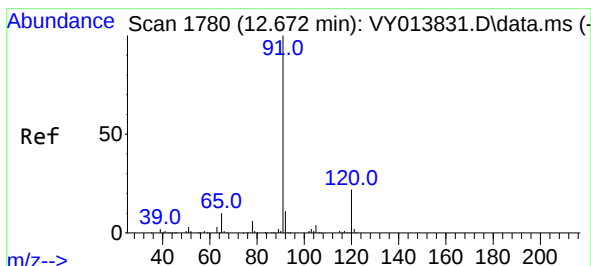
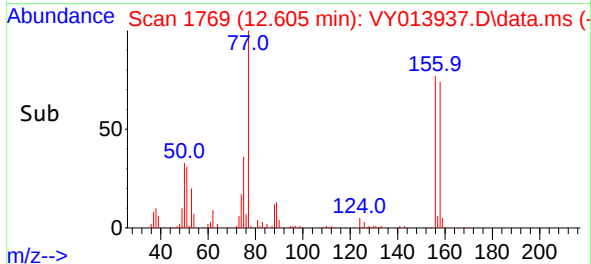
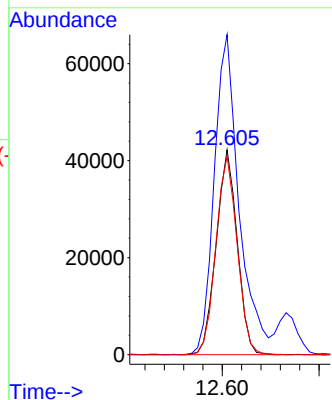
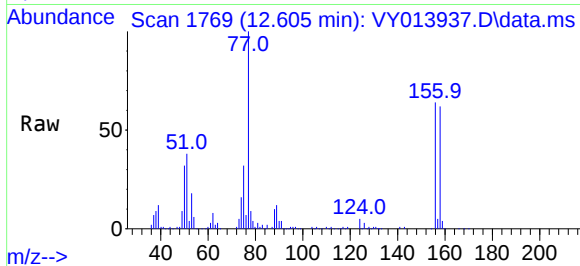




#77
Bromobenzene
Concen: 18.087 ug/l
RT: 12.605 min Scan# 1770
Delta R.T. -0.006 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

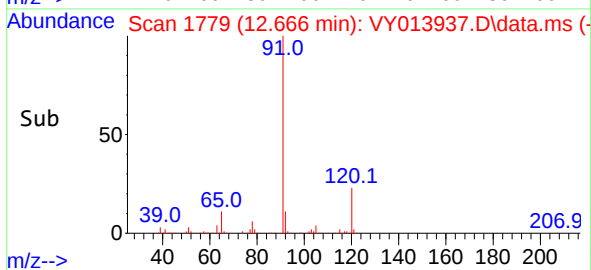
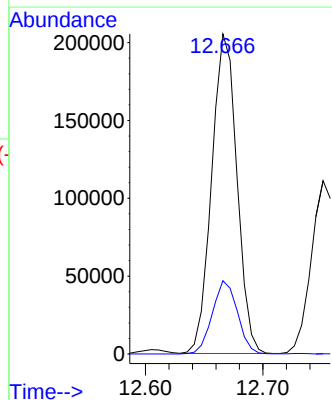
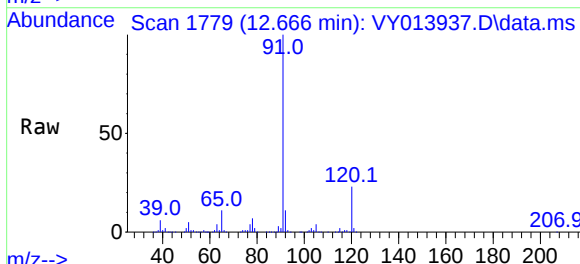
Instrument :
MSVOA_Y
ClientSampleId :
VY0531SBS01

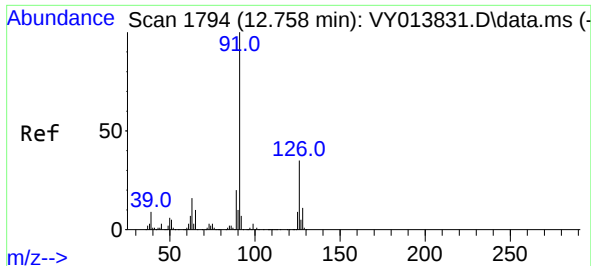
Tgt Ion:156 Resp: 63686
Ion Ratio Lower Upper
156 100
77 183.8 91.6 274.8
158 98.1 48.9 146.6



#78
n-propylbenzene
Concen: 17.277 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

Tgt Ion: 91 Resp: 306289
Ion Ratio Lower Upper
91 100
120 22.8 11.3 33.9

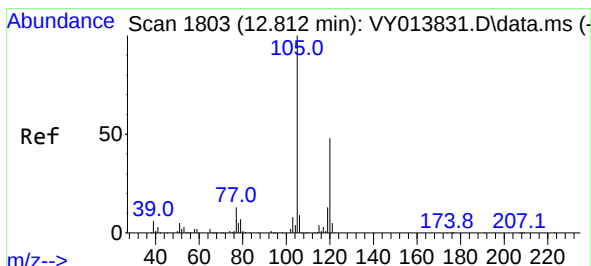
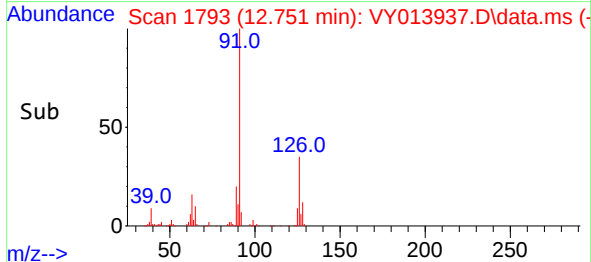
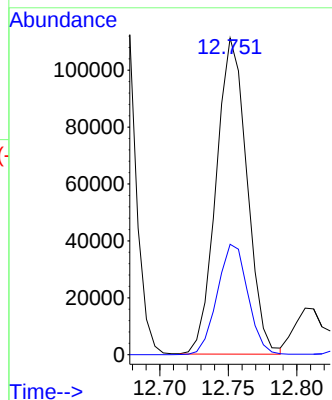
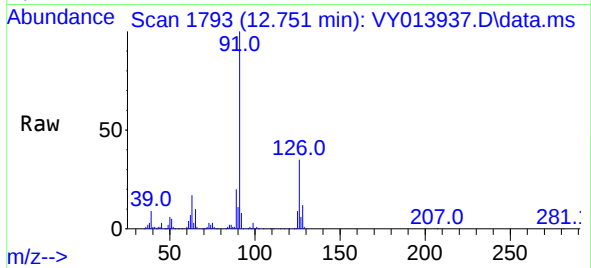




#79
2-Chlorotoluene
Concen: 17.580 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

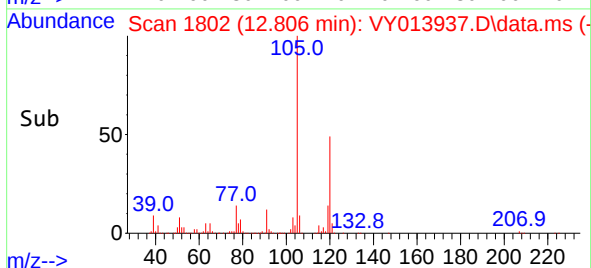
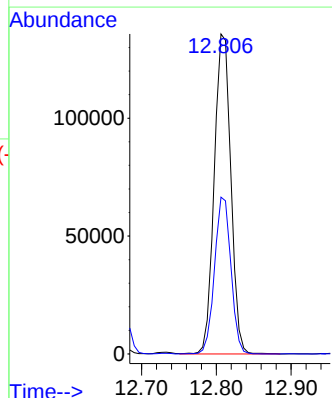
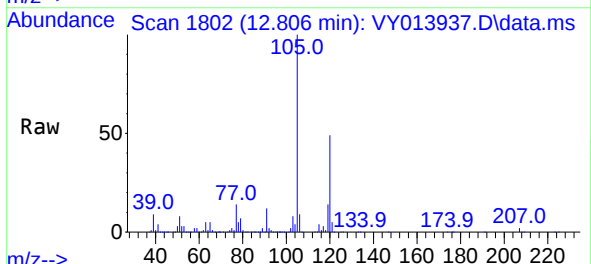
Instrument :
MSVOA_Y
ClientSampleId :
VY0531SBS01

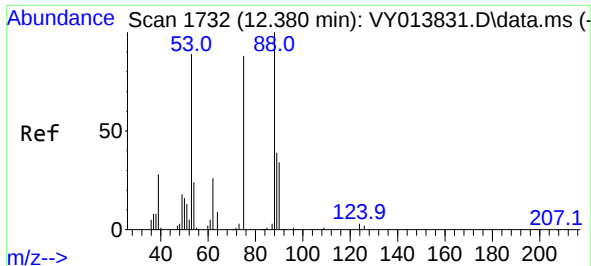
Tgt Ion: 91 Resp: 174085
Ion Ratio Lower Upper
91 100
126 34.8 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 17.690 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

Tgt Ion:105 Resp: 209546
Ion Ratio Lower Upper
105 100
120 48.3 23.9 71.7

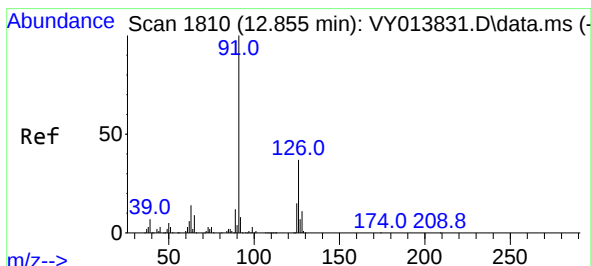
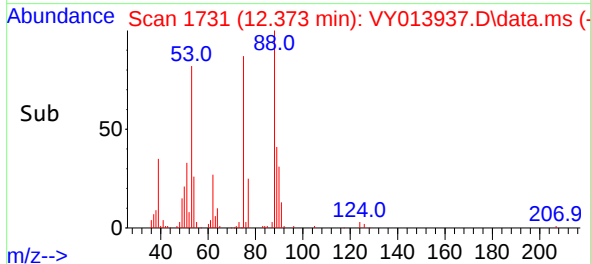
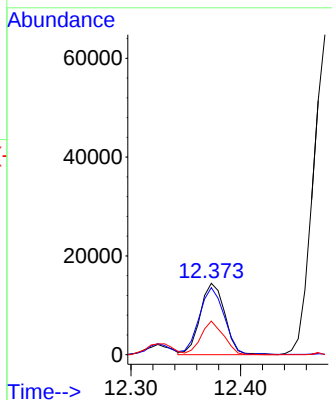
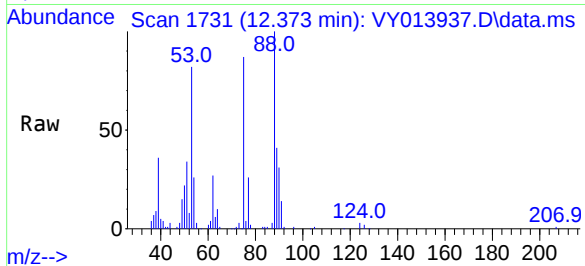




#81
trans-1,4-Dichloro-2-butene
Concen: 21.583 ug/l
RT: 12.373 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

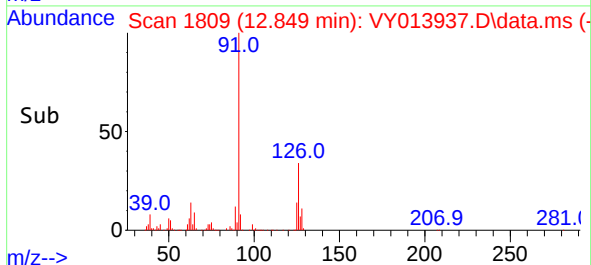
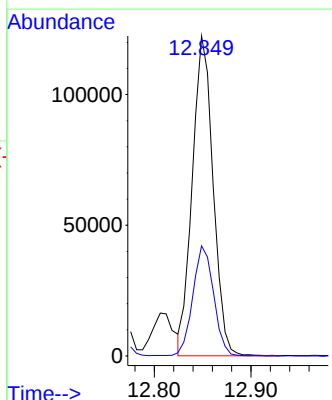
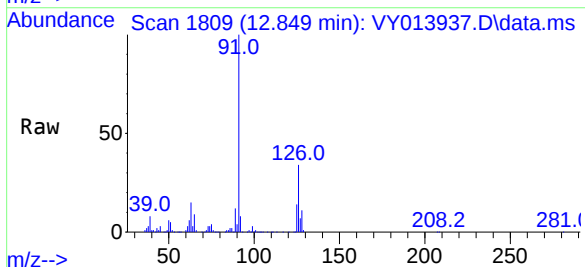
Instrument :
MSVOA_Y
ClientSampleId :
VY0531SBS01

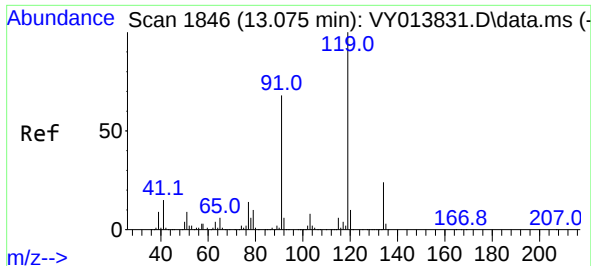
Tgt Ion: 75 Resp: 22605
Ion Ratio Lower Upper
75 100
53 95.4 79.7 119.5
89 43.1 36.4 54.6



#82
4-Chlorotoluene
Concen: 17.839 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

Tgt Ion: 91 Resp: 182589
Ion Ratio Lower Upper
91 100
126 34.6 17.9 53.7

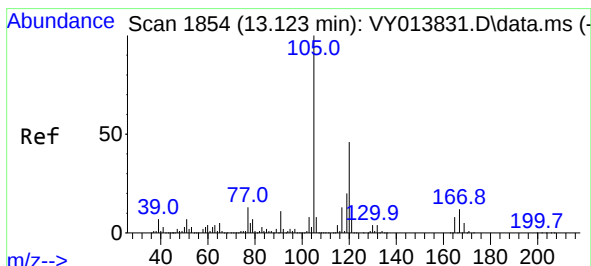
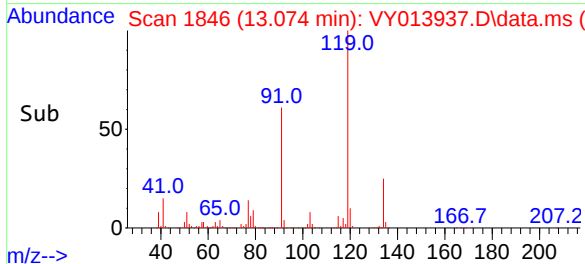
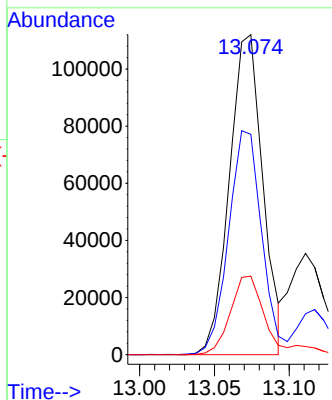
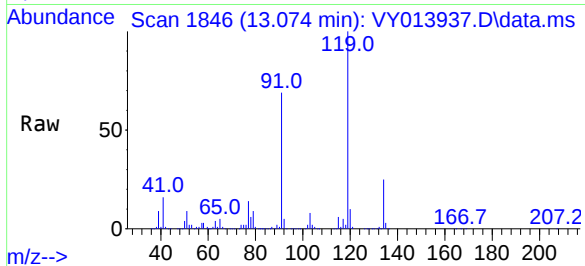




#83
tert-Butylbenzene
Concen: 16.928 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

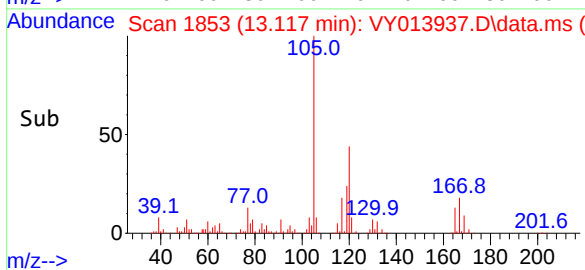
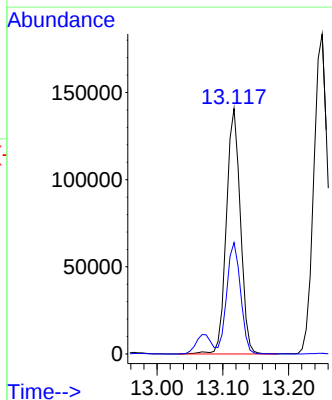
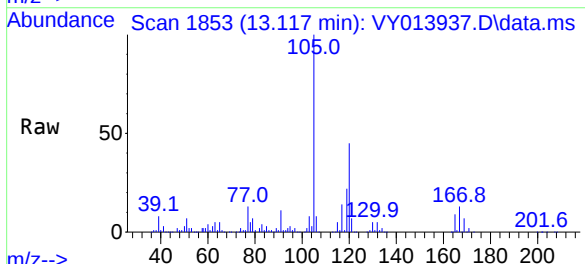
Instrument :
MSVOA_Y
ClientSampleId :
VY0531SBS01

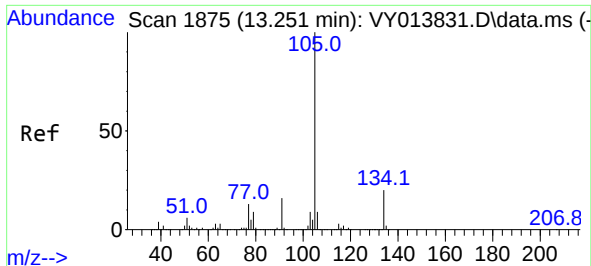
Tgt Ion:119 Resp: 174642
Ion Ratio Lower Upper
119 100
91 69.5 33.7 101.0
134 24.2 13.1 39.1



#84
1,2,4-Trimethylbenzene
Concen: 17.976 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

Tgt Ion:105 Resp: 209025
Ion Ratio Lower Upper
105 100
120 44.4 22.4 67.3

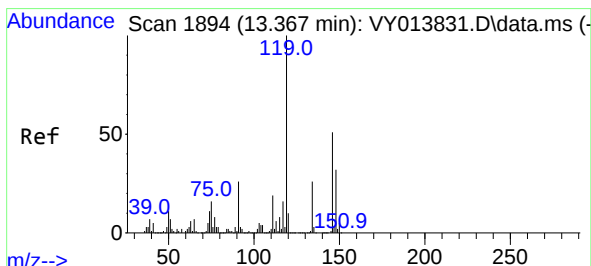
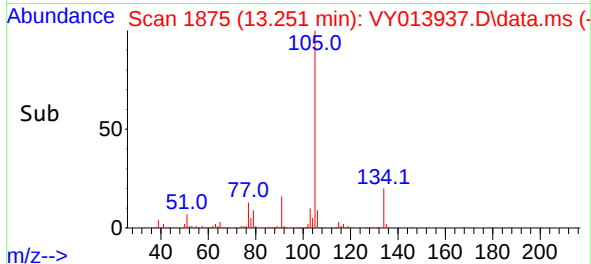
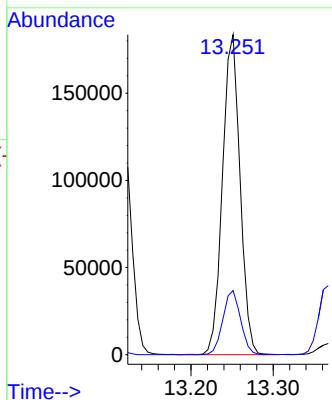
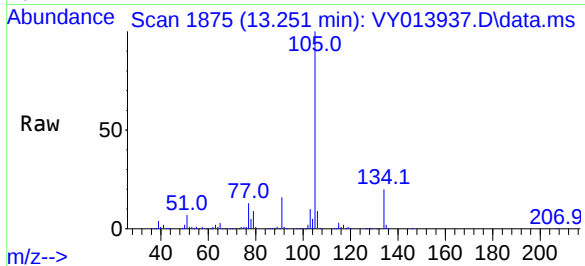




#85
 sec-Butylbenzene
 Concen: 17.832 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY013937.D
 Acq: 31 May 2023 15:49

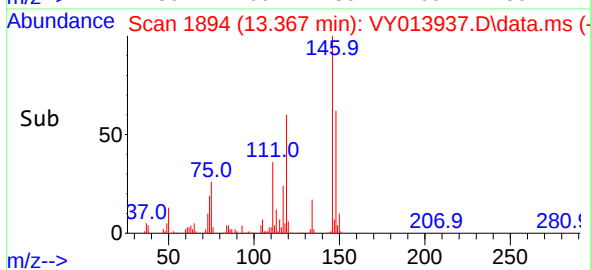
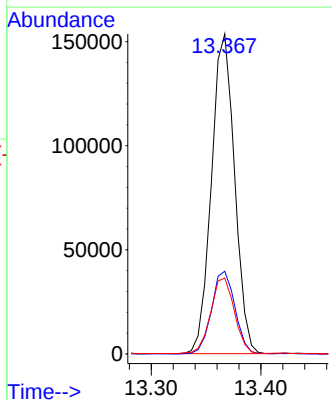
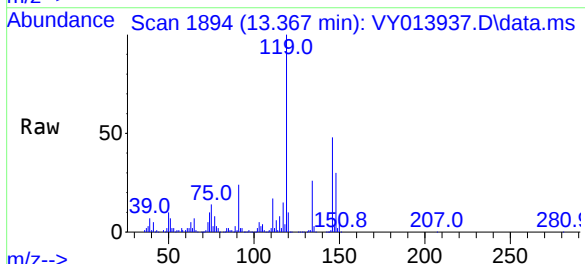
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0531SBSD01

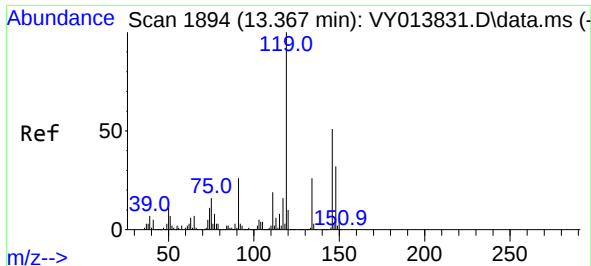
Tgt Ion:105 Resp: 273292
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 17.769 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY013937.D
 Acq: 31 May 2023 15:49

Tgt Ion:119 Resp: 225076
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.3 39.9
 91 24.3 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 18.001 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. -0.006 min

Lab File: VY013937.D

Acq: 31 May 2023 15:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0531SBS01

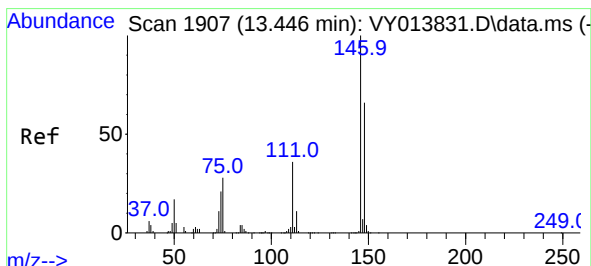
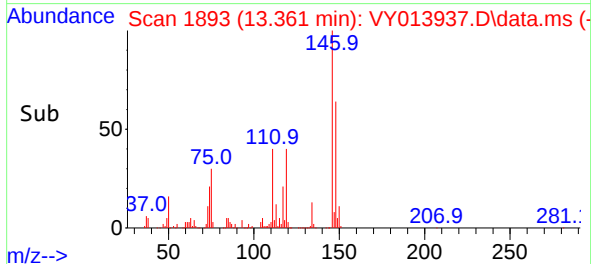
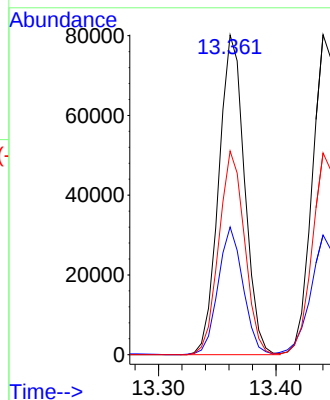
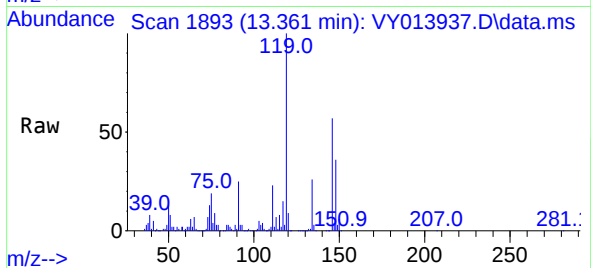
Tgt Ion:146 Resp: 122425

Ion Ratio Lower Upper

146 100

111 38.6 19.1 57.5

148 63.5 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 18.419 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY013937.D

Acq: 31 May 2023 15:49

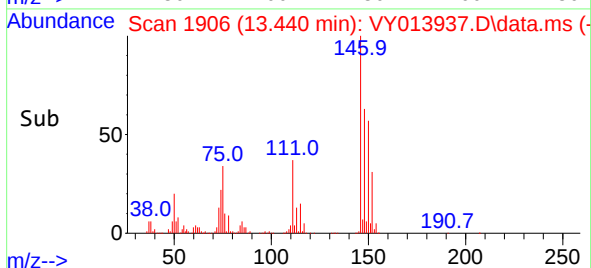
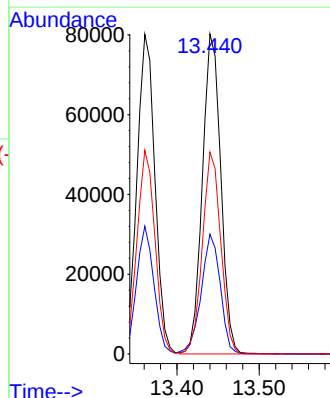
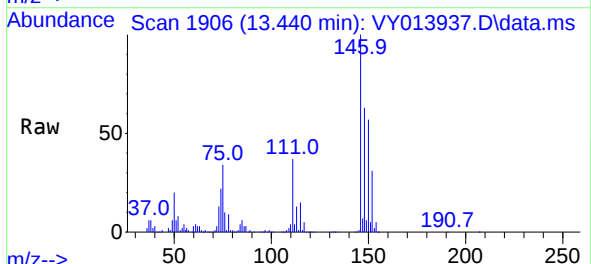
Tgt Ion:146 Resp: 124711

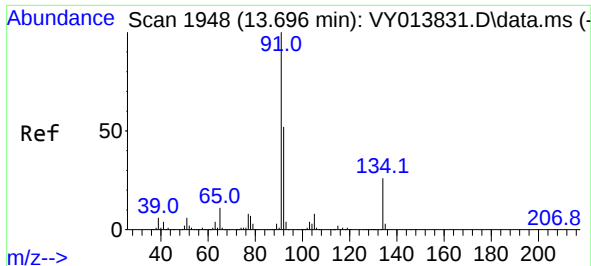
Ion Ratio Lower Upper

146 100

111 38.8 18.6 55.8

148 63.3 32.4 97.2

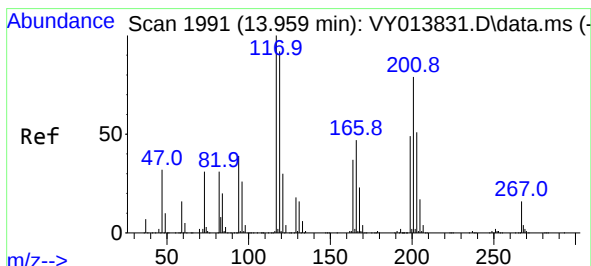
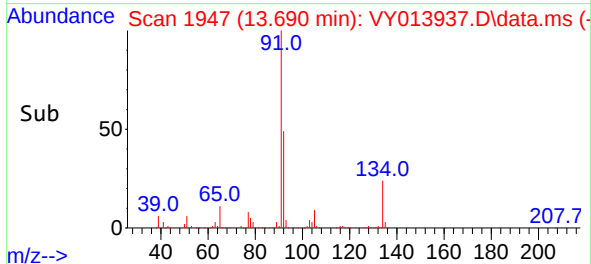
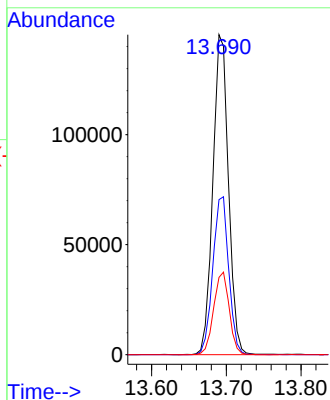
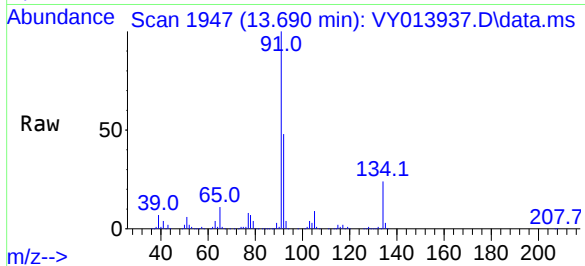




#89
n-Butylbenzene
Concen: 17.344 ug/l
RT: 13.690 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

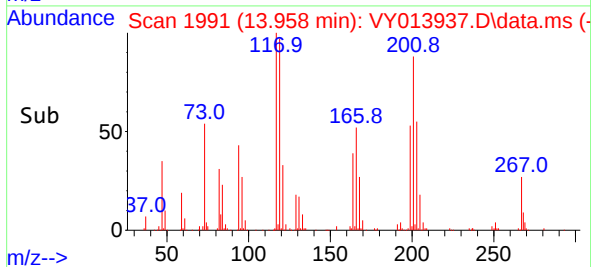
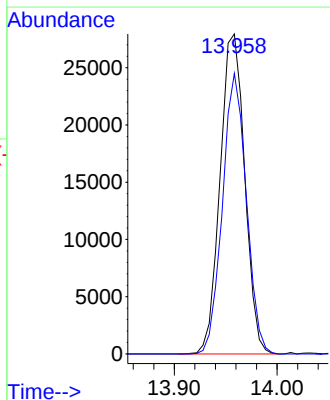
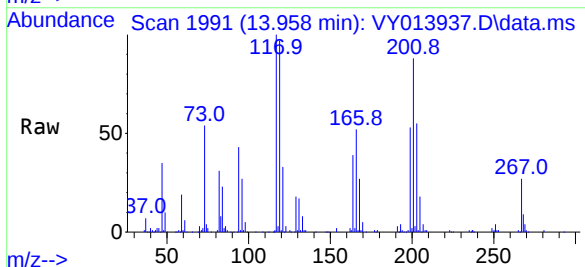
Instrument :
MSVOA_Y
ClientSampleId :
VY0531SBS01

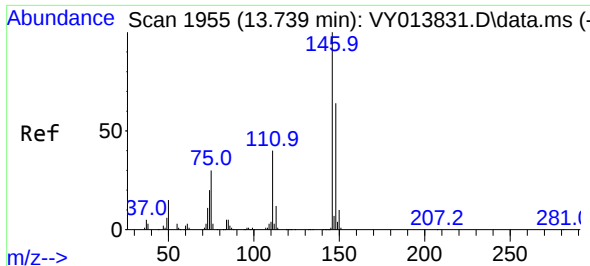
Tgt Ion: 91 Resp: 210679
Ion Ratio Lower Upper
91 100
92 50.4 25.6 76.6
134 25.8 13.0 38.9



#90
Hexachloroethane
Concen: 17.875 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

Tgt Ion: 117 Resp: 46488
Ion Ratio Lower Upper
117 100
201 85.0 42.3 126.8





#91

1,2-Dichlorobenzene

Concen: 18.535 ug/l

RT: 13.733 min Scan# 1954

Delta R.T. -0.006 min

Lab File: VY013937.D

Acq: 31 May 2023 15:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0531SBSD01

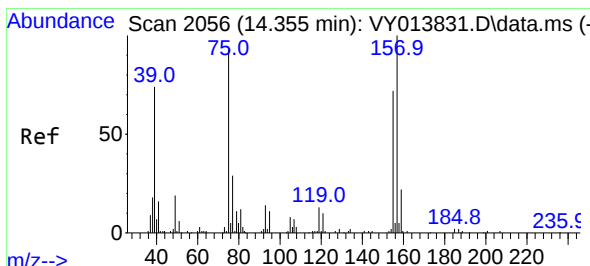
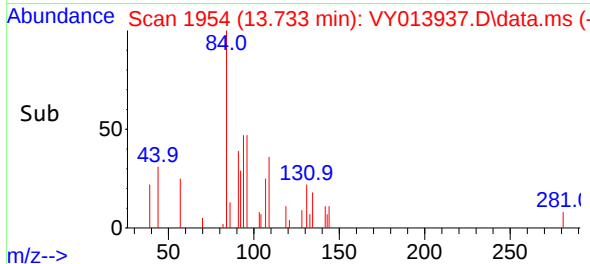
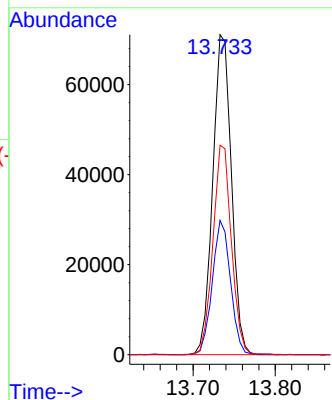
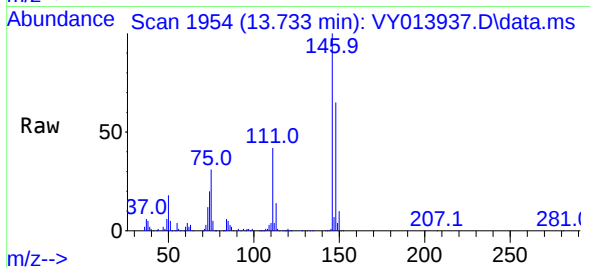
Tgt Ion:146 Resp: 112027

Ion Ratio Lower Upper

146 100

111 40.9 19.6 58.8

148 64.9 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.006 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY013937.D

Acq: 31 May 2023 15:49

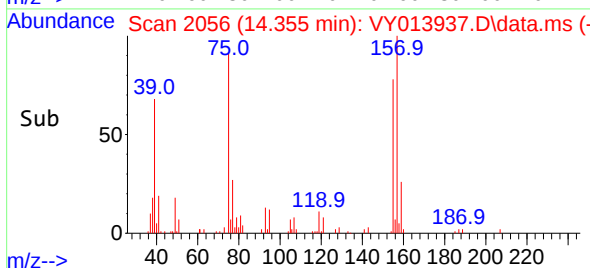
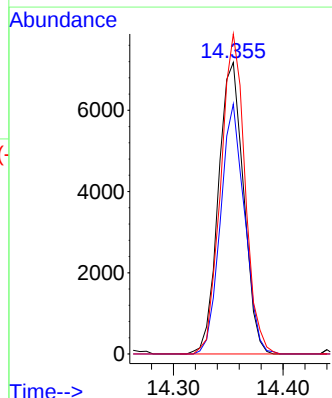
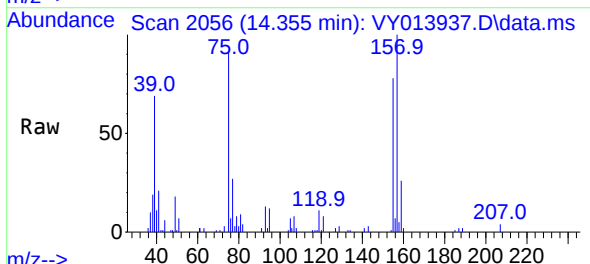
Tgt Ion: 75 Resp: 11453

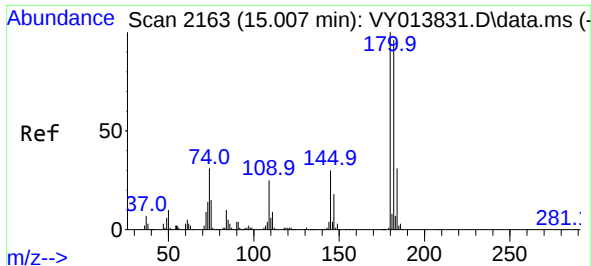
Ion Ratio Lower Upper

75 100

155 82.2 39.9 119.6

157 105.6 54.6 163.8





#93

1,2,4-Trichlorobenzene

Concen: 17.904 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY013937.D

Acq: 31 May 2023 15:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0531SBSD01

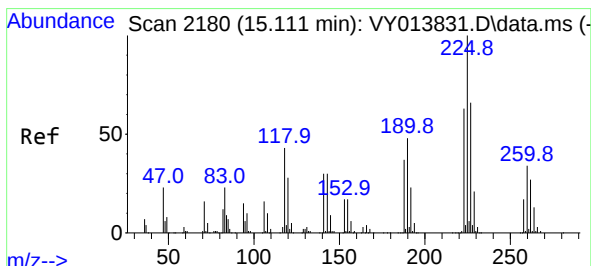
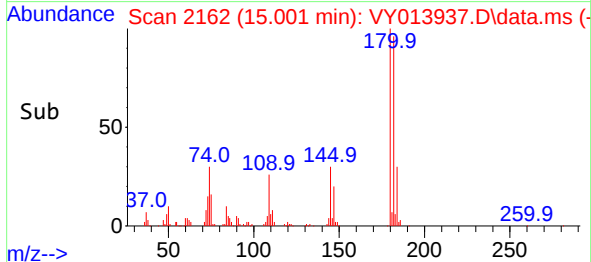
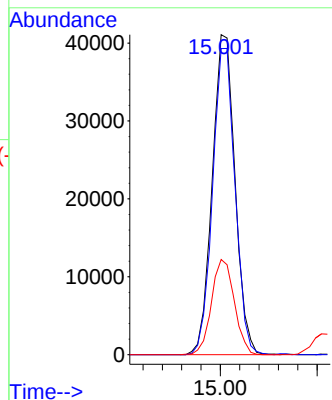
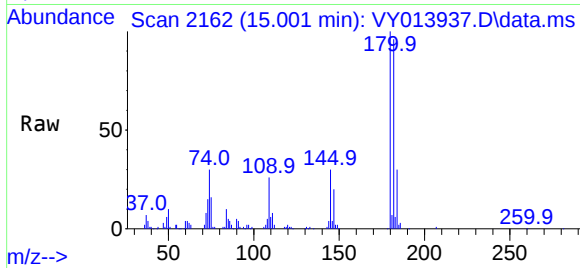
Tgt Ion:180 Resp: 67085

Ion Ratio Lower Upper

180 100

182 94.3 48.1 144.3

145 29.9 14.8 44.4



#94

Hexachlorobutadiene

Concen: 17.978 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013937.D

Acq: 31 May 2023 15:49

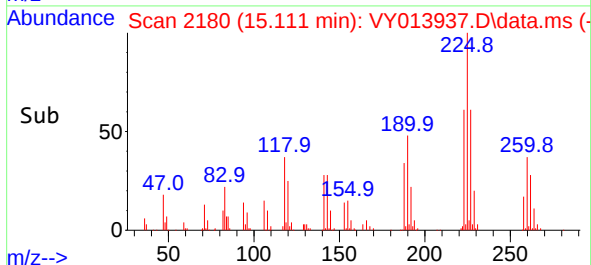
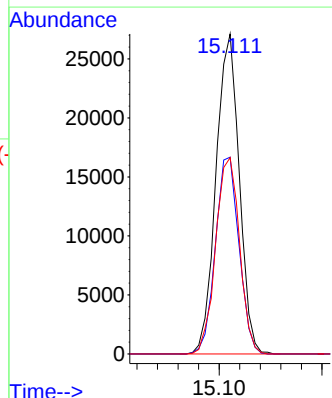
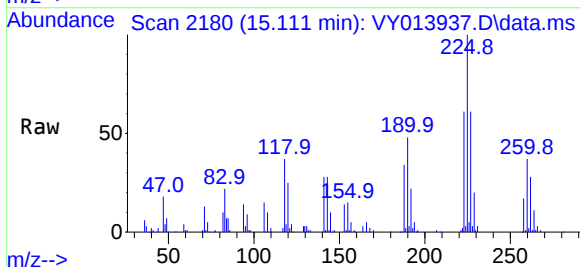
Tgt Ion:225 Resp: 42473

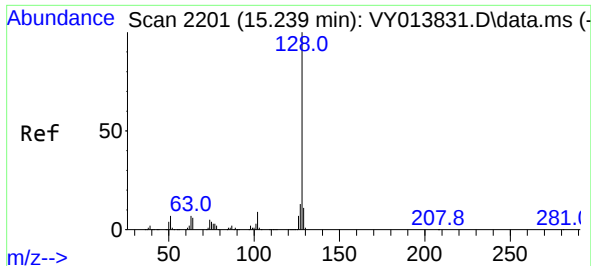
Ion Ratio Lower Upper

225 100

223 62.4 31.3 93.9

227 63.0 32.9 98.6

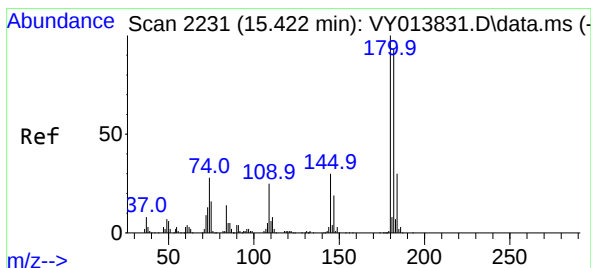
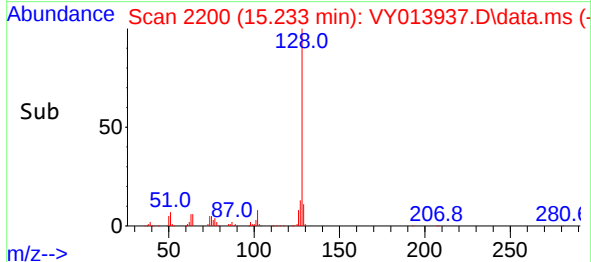
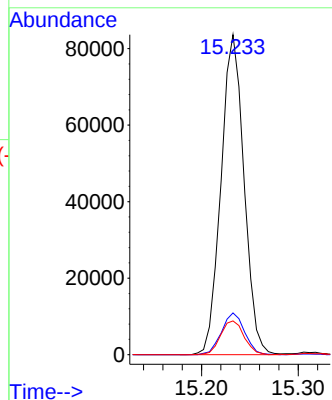
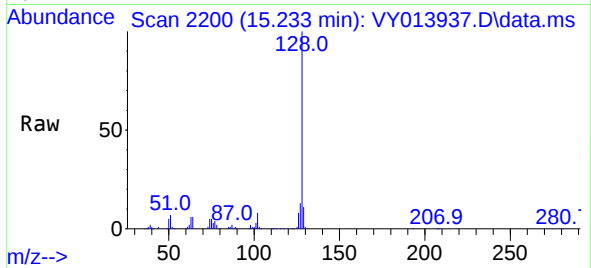




#95
Naphthalene
Concen: 19.802 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.007 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0531SBSD01

Tgt Ion:128 Resp: 138073
Ion Ratio Lower Upper
128 100
127 13.1 10.7 16.1
129 10.8 9.0 13.4



#96
1,2,3-Trichlorobenzene
Concen: 18.284 ug/l
RT: 15.421 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY013937.D
Acq: 31 May 2023 15:49

Tgt Ion:180 Resp: 60925
Ion Ratio Lower Upper
180 100
182 91.9 47.4 142.2
145 30.7 15.5 46.5

