

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050423\
 Data File : VY013593.D
 Acq On : 04 May 2023 11:52
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 05 00:58:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	250488	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	378178	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	337645	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	170159	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	136472	49.700	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.400%
35) Dibromofluoromethane	7.716	113	123363	51.864	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.720%
50) Toluene-d8	10.179	98	416043	49.169	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.340%
62) 4-Bromofluorobenzene	12.483	95	149428	52.383	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.760%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	121280	50.929	ug/l	97
3) Chloromethane	2.113	50	142964	44.788	ug/l	96
4) Vinyl Chloride	2.253	62	140556	44.224	ug/l	99
5) Bromomethane	2.656	94	102542	40.487	ug/l	95
6) Chloroethane	2.796	64	89728	40.866	ug/l	95
7) Trichlorofluoromethane	3.131	101	234465	48.697	ug/l	100
8) Diethyl Ether	3.534	74	75322	45.940	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.905	101	126507	46.842	ug/l	98
10) Methyl Iodide	4.094	142	155877	45.954	ug/l	98
11) Tert butyl alcohol	4.978	59	64711	209.336	ug/l #	95
12) 1,1-Dichloroethene	3.875	96	118437	45.495	ug/l	90
13) Acrolein	3.729	56	48814	201.749	ug/l	97
14) Allyl chloride	4.479	41	219704	45.483	ug/l	97
15) Acrylonitrile	5.161	53	216585	235.871	ug/l	99
16) Acetone	3.954	43	267748	247.602	ug/l	96
17) Carbon Disulfide	4.198	76	353879	41.848	ug/l	99
18) Methyl Acetate	4.485	43	159139	44.558	ug/l	95
19) Methyl tert-butyl Ether	5.222	73	358841	47.746	ug/l	99
20) Methylene Chloride	4.716	84	157257	45.730	ug/l	86
21) trans-1,2-Dichloroethene	5.216	96	133229	46.807	ug/l	98
22) Diisopropyl ether	6.118	45	458359	48.548	ug/l	96
23) Vinyl Acetate	6.058	43	1401765	262.225	ug/l	97
24) 1,1-Dichloroethane	6.021	63	251249	47.748	ug/l	98
25) 2-Butanone	6.990	43	324030	236.276	ug/l	97
26) 2,2-Dichloropropane	6.978	77	224621	49.539	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	152848	48.602	ug/l	96
28) Bromochloromethane	7.338	49	90841	48.649	ug/l	86
29) Tetrahydrofuran	7.350	42	189497	221.979	ug/l	94
30) Chloroform	7.508	83	263446	50.355	ug/l	99
31) Cyclohexane	7.789	56	210369	42.790	ug/l	95
32) 1,1,1-Trichloroethane	7.704	97	234499	50.230	ug/l	99
36) 1,1-Dichloropropene	7.917	75	191763	48.578	ug/l	97
37) Ethyl Acetate	7.076	43	134094	45.139	ug/l	97
38) Carbon Tetrachloride	7.905	117	214495	51.842	ug/l	96
39) Methylcyclohexane	9.185	83	218797	47.015	ug/l	93
40) Benzene	8.161	78	550359	49.494	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	74542	53.848	ug/l	89
42) 1,2-Dichloroethane	8.234	62	188120	51.746	ug/l	98
43) Isopropyl Acetate	8.271	43	234155	46.698	ug/l	98
44) Trichloroethene	8.941	130	145960	49.346	ug/l	97
45) 1,2-Dichloropropane	9.216	63	143888	49.490	ug/l	98
46) Dibromomethane	9.307	93	86288	49.601	ug/l	96
47) Bromodichloromethane	9.496	83	203279	52.221	ug/l	99
48) Methyl methacrylate	9.295	41	108937	47.305	ug/l	96
49) 1,4-Dioxane	9.313	88	23771	956.750	ug/l	93
51) 4-Methyl-2-Pentanone	10.069	43	668097	239.107	ug/l	96
52) Toluene	10.246	92	340421	50.873	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	211592	51.360	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	231683	49.978	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	115939	50.326	ug/l	98
56) Ethyl methacrylate	10.514	69	163312	51.097	ug/l	92
57) 1,3-Dichloropropane	10.788	76	196476	50.357	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	294266	245.528	ug/l	95
59) 2-Hexanone	10.831	43	502418	247.361	ug/l	97
60) Dibromochloromethane	10.983	129	145047	51.852	ug/l	99
61) 1,2-Dibromoethane	11.087	107	111745	49.336	ug/l	99
64) Tetrachloroethene	10.721	164	126627	49.320	ug/l	96
65) Chlorobenzene	11.514	112	367904	50.020	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	144508	52.533	ug/l	99
67) Ethyl Benzene	11.593	91	658198	50.961	ug/l	99
68) m/p-Xylenes	11.703	106	502024	102.246	ug/l	96
69) o-Xylene	12.032	106	238162	51.288	ug/l	97
70) Styrene	12.044	104	406440	52.348	ug/l	99
71) Bromoform	12.209	173	100257	52.033	ug/l #	100
73) Isopropylbenzene	12.331	105	636065	49.421	ug/l	98
74) N-amyl acetate	12.142	43	208531	45.531	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	146747	46.648	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	191382	83.398	ug/l #	100
77) Bromobenzene	12.611	156	160423	51.442	ug/l	96
78) n-propylbenzene	12.672	91	782731	49.376	ug/l	97
79) 2-Chlorotoluene	12.758	91	437206	49.387	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	526580	50.128	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	51686	46.072	ug/l	95
82) 4-Chlorotoluene	12.855	91	453213	49.119	ug/l	99
83) tert-Butylbenzene	13.075	119	452796	49.753	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	527241	51.625	ug/l	100
85) sec-Butylbenzene	13.257	105	676819	49.552	ug/l	100
86) p-Isopropyltoluene	13.367	119	568610	51.767	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	300646	50.603	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	300973	50.149	ug/l	99
89) n-Butylbenzene	13.696	91	541986	50.556	ug/l	98
90) Hexachloroethane	13.965	117	112549	48.686	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	272979	50.880	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	26289	47.317	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	175411	54.838	ug/l	98
94) Hexachlorobutadiene	15.111	225	107418	57.702	ug/l	99
95) Naphthalene	15.239	128	362897	52.288	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	159097	55.804	ug/l	99

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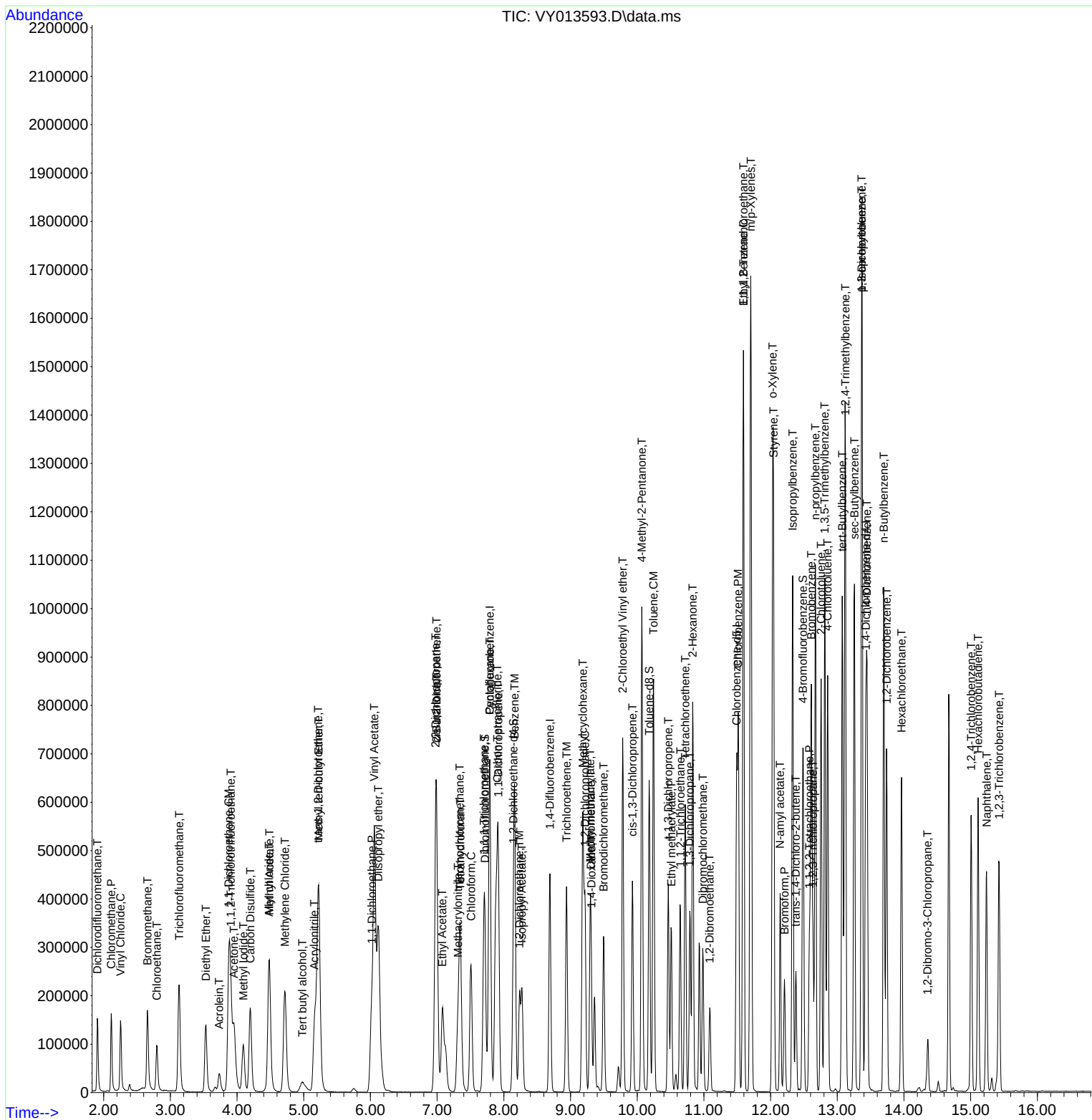
Instrument :
MSVOA_Y
ClientSampleId :

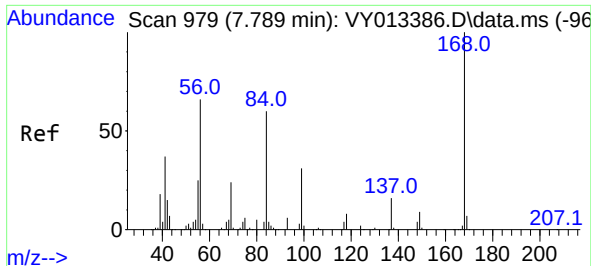
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

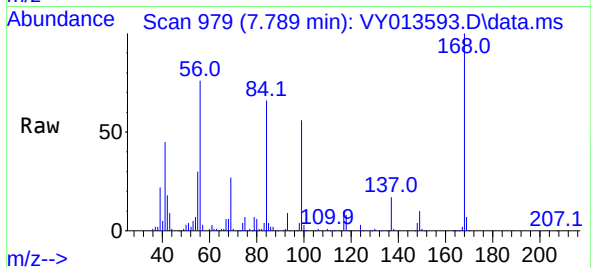
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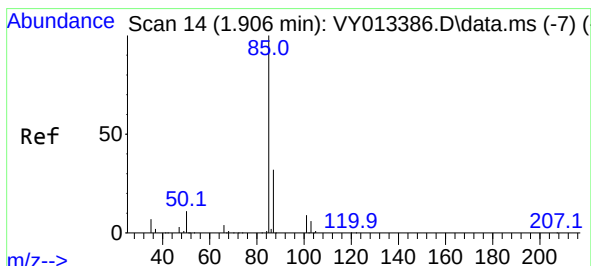
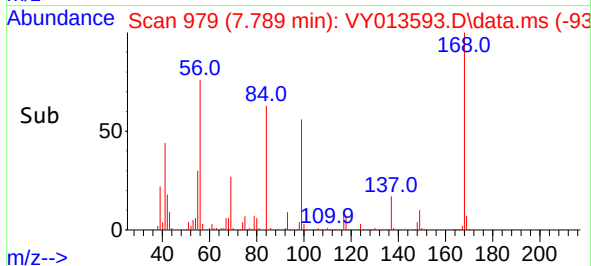
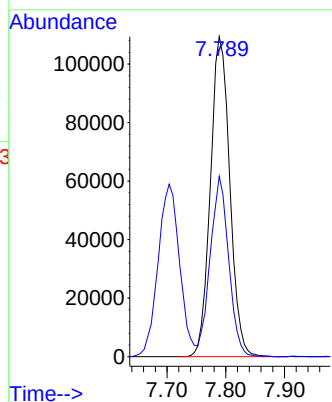


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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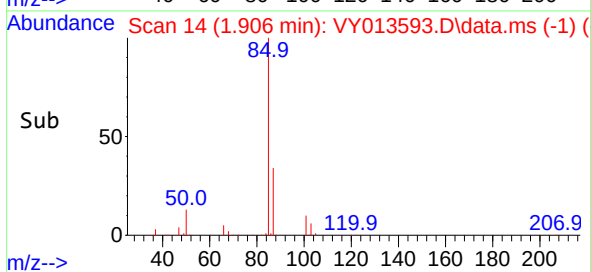
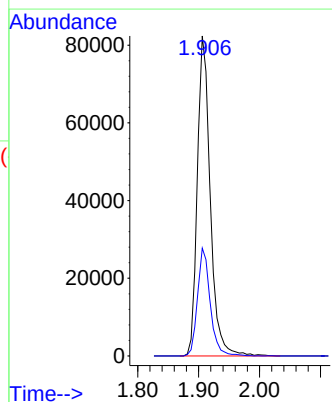
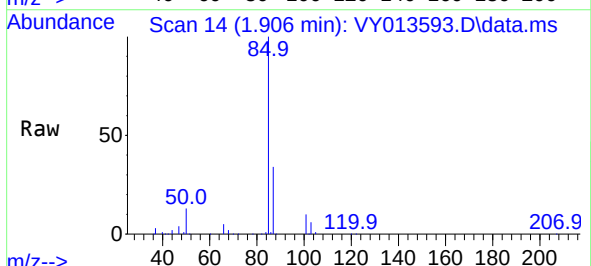


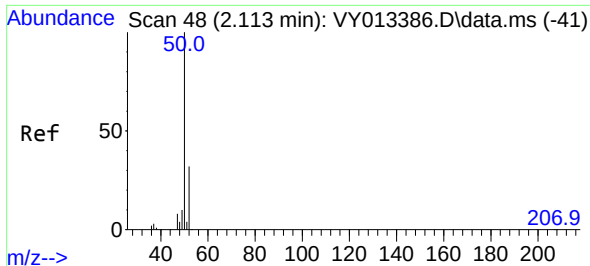
Tgt Ion:168 Resp: 250488
Ion Ratio Lower Upper
168 100
99 56.4 41.8 62.6



#2
Dichlorodifluoromethane
Concen: 50.929 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

Tgt Ion: 85 Resp: 121280
Ion Ratio Lower Upper
85 100
87 33.7 16.1 48.2

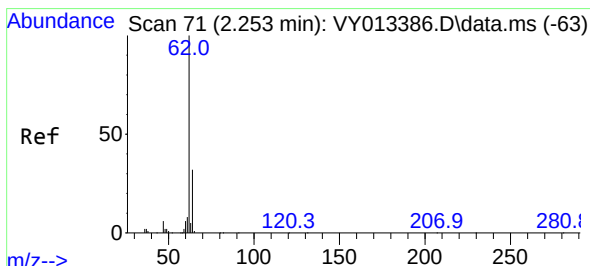
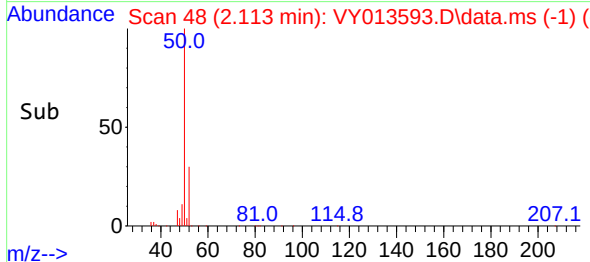
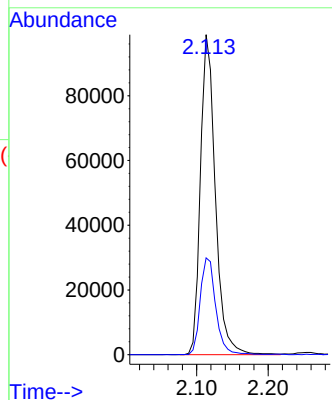
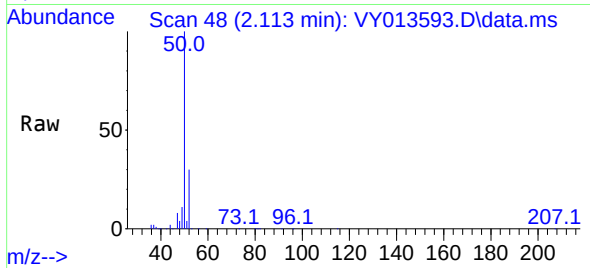




#3
Chloromethane
Concen: 44.788 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013593.D
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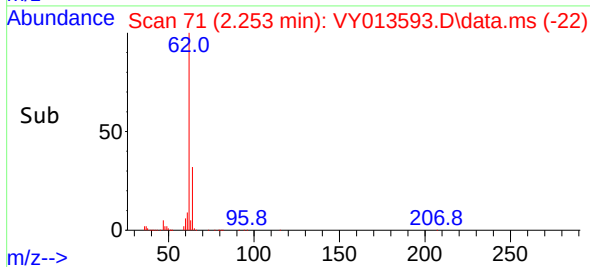
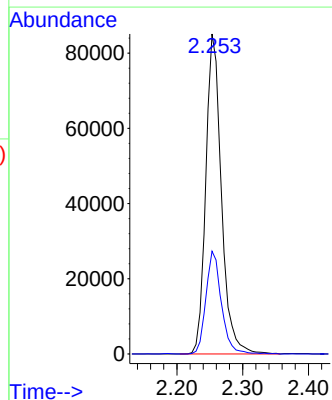
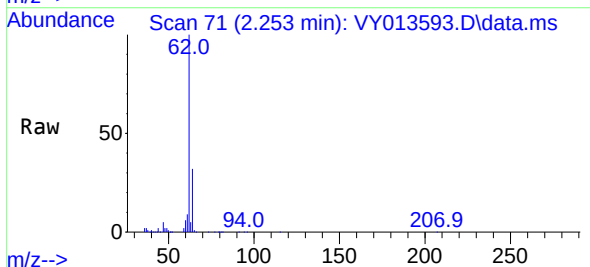
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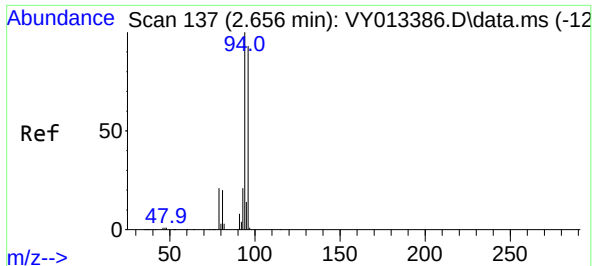
Tgt Ion: 50 Resp: 142964
Ion Ratio Lower Upper
50 100
52 30.2 25.9 38.9



#4
Vinyl Chloride
Concen: 44.224 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

Tgt Ion: 62 Resp: 140556
Ion Ratio Lower Upper
62 100
64 32.1 25.4 38.0

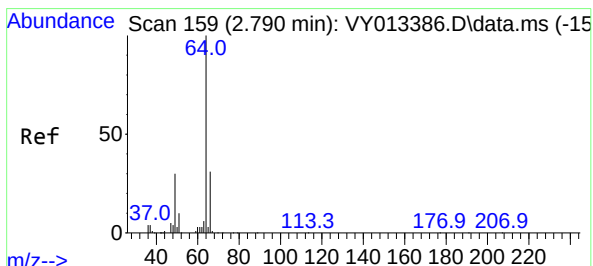
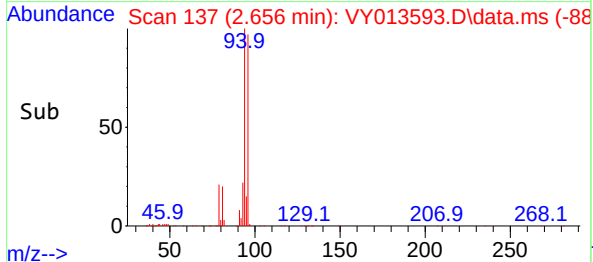
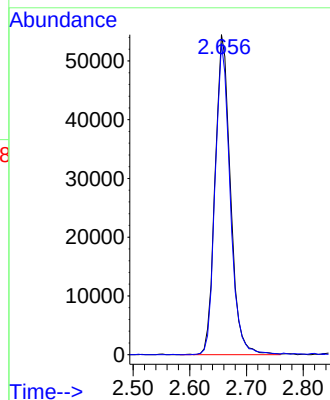
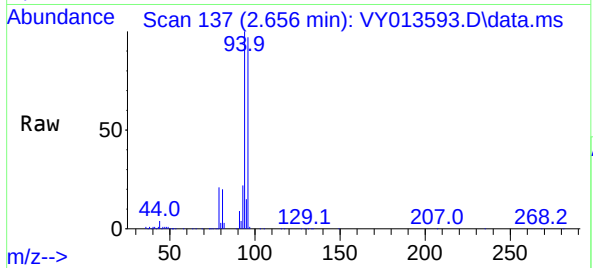




#5
Bromomethane
Concen: 40.487 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

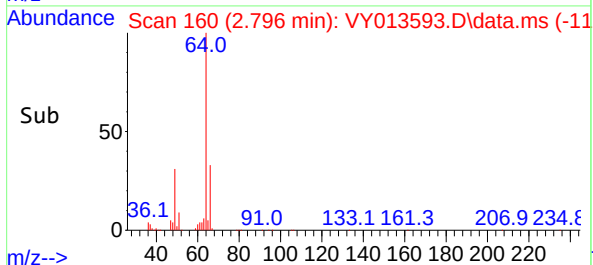
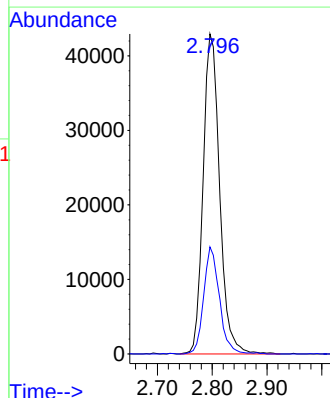
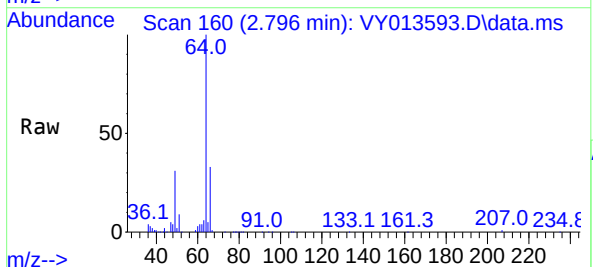
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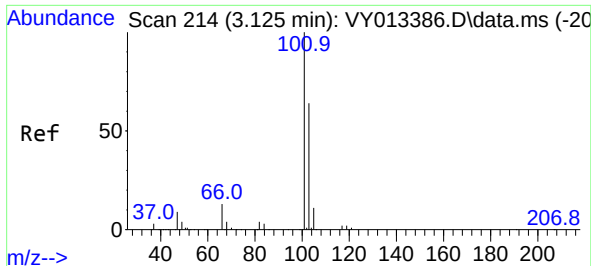
Tgt Ion: 94 Resp: 102542
Ion Ratio Lower Upper
94 100
96 97.3 74.2 111.2



#6
Chloroethane
Concen: 40.866 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

Tgt Ion: 64 Resp: 89728
Ion Ratio Lower Upper
64 100
66 33.5 24.6 37.0

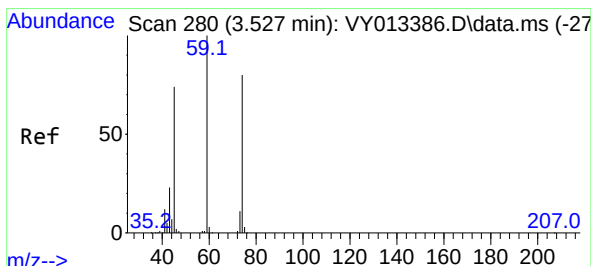
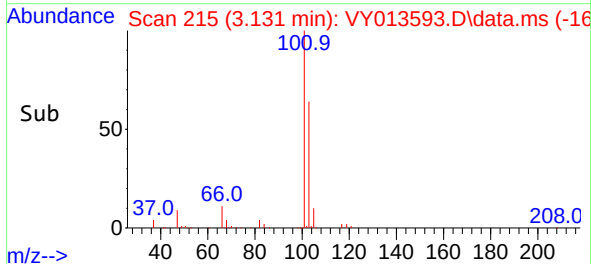
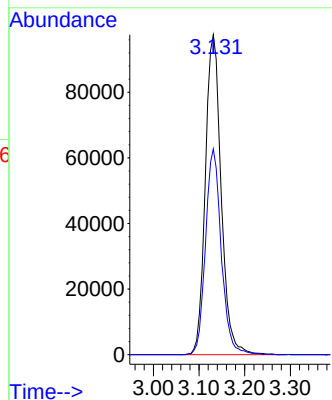
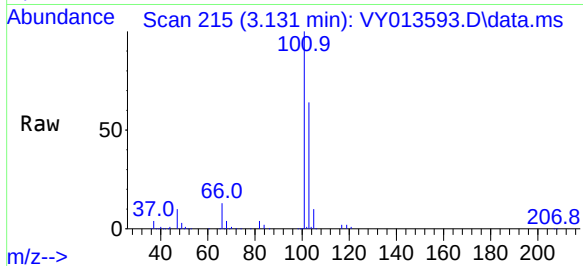




#7
 Trichlorofluoromethane
 Concen: 48.697 ug/l
 RT: 3.131 min Scan# 214
 Delta R.T. 0.006 min
 Lab File: VY013593.D
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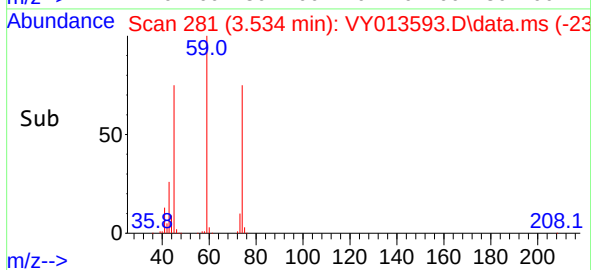
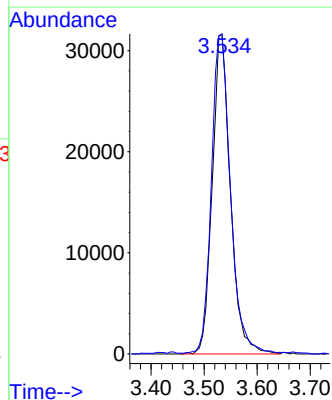
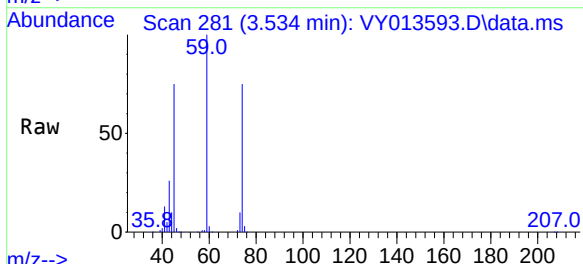
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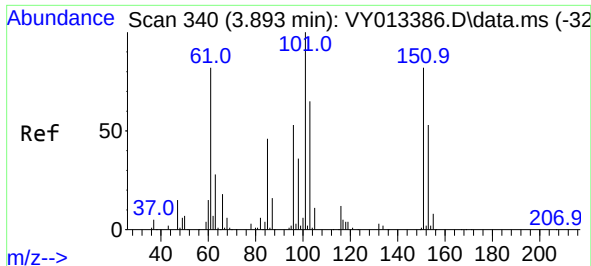
Tgt Ion:101 Resp: 234465
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.6 77.4



#8
 Diethyl Ether
 Concen: 45.940 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.007 min
 Lab File: VY013593.D
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Tgt Ion: 74 Resp: 75322
 Ion Ratio Lower Upper
 74 100
 45 104.2 48.2 144.6

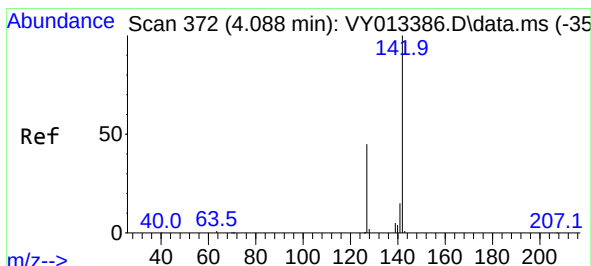
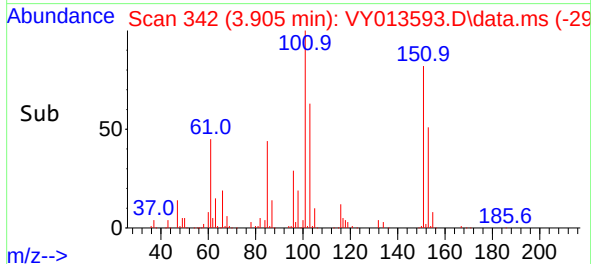
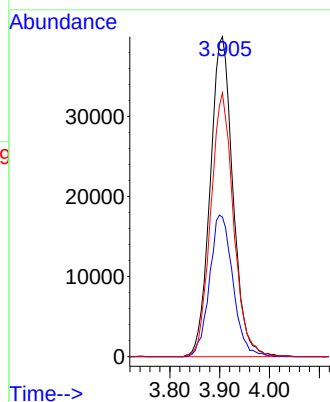
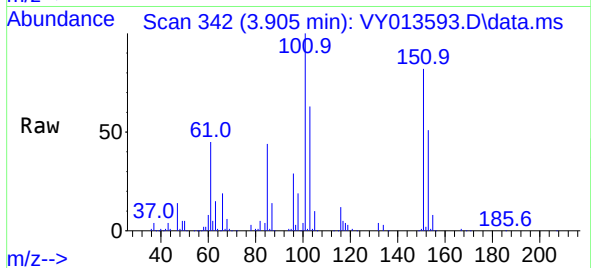




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.842 ug/l
RT: 3.905 min Scan# 34
Delta R.T. 0.012 min
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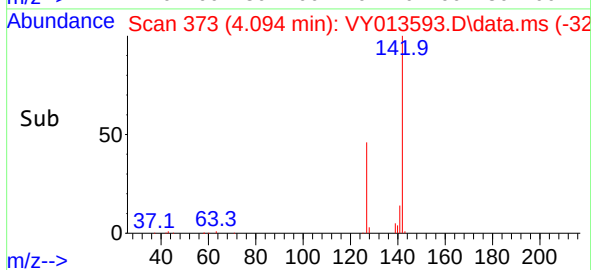
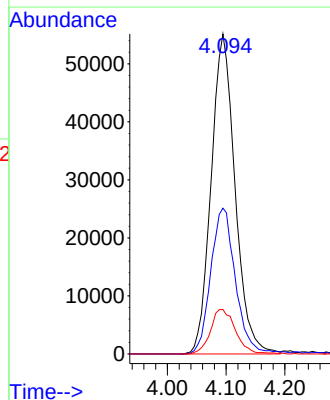
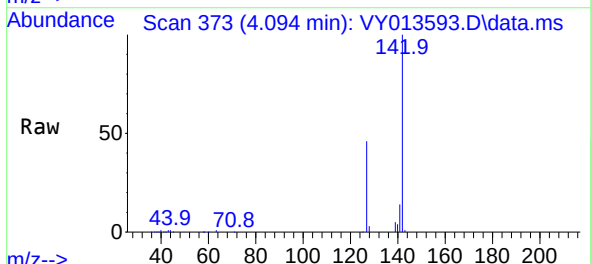
Instrument :
MSVOA_Y
ClientSampleId :

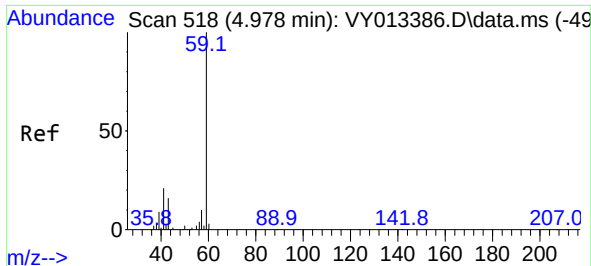
Tgt Ion:101 Resp: 126507
Ion Ratio Lower Upper
101 100
85 45.6 35.6 53.4
151 82.6 68.0 102.0



#10
Methyl Iodide
Concen: 45.954 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

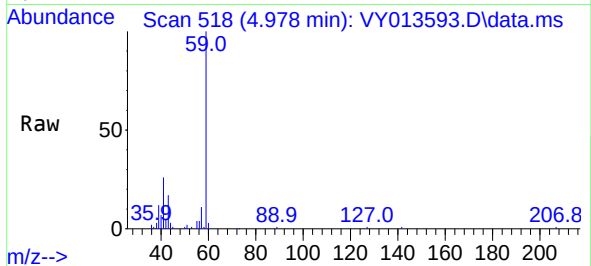
Tgt Ion:142 Resp: 155877
Ion Ratio Lower Upper
142 100
127 47.2 36.1 54.1
141 14.6 11.6 17.4



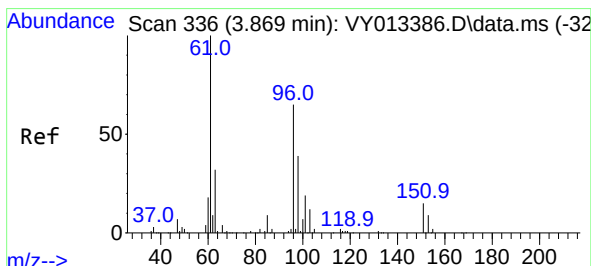
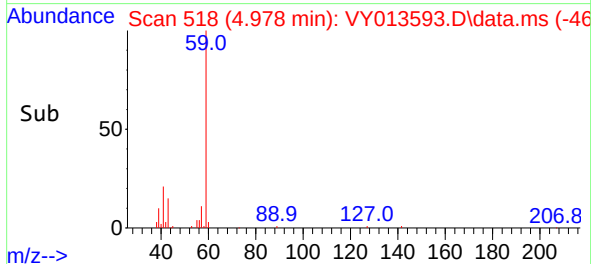
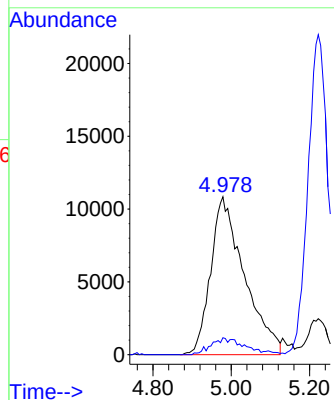


#11
Tert butyl alcohol
Concen: 209.336 ug/l
RT: 4.978 min Scan# 518
Delta R.T. 0.000 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

Instrument :
MSVOA_Y
ClientSampleId :

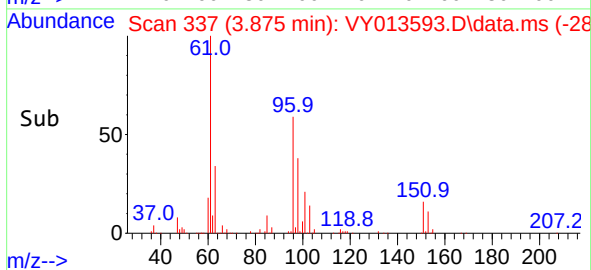
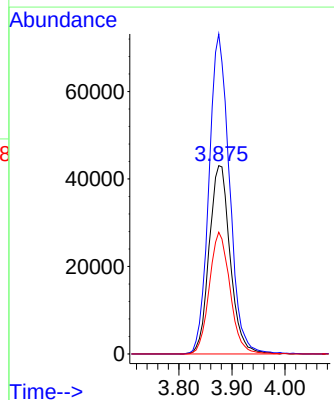
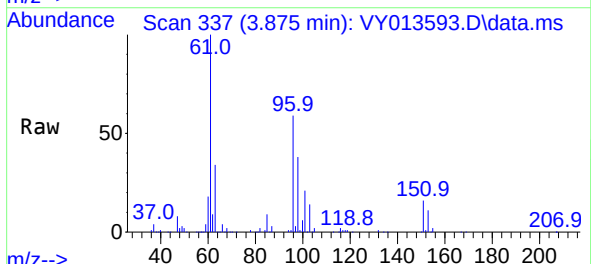


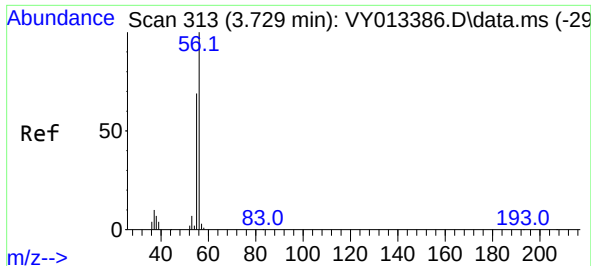
Tgt Ion: 59 Resp: 64711
Ion Ratio Lower Upper
59 100
57 5.2 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 45.495 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.006 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

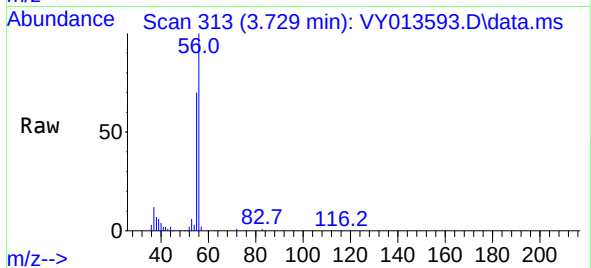
Tgt Ion: 96 Resp: 118437
Ion Ratio Lower Upper
96 100
61 169.9 123.9 185.9
98 64.6 48.9 73.3



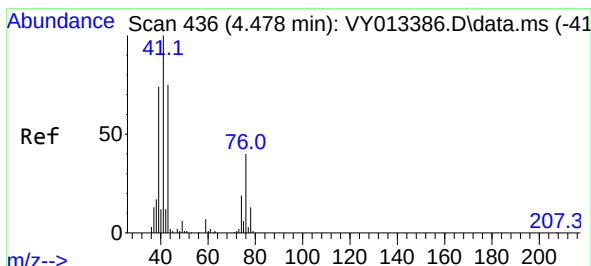
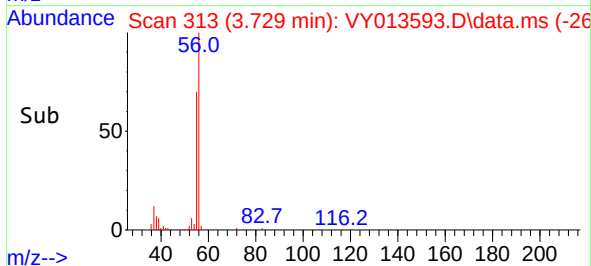
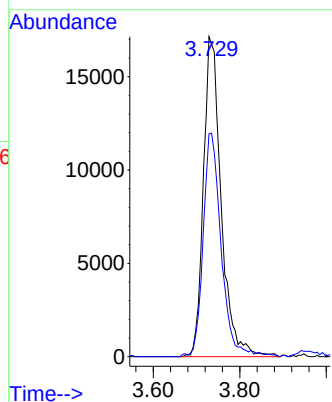


#13
Acrolein
Concen: 201.749 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

Instrument :
MSVOA_Y
ClientSampleId :

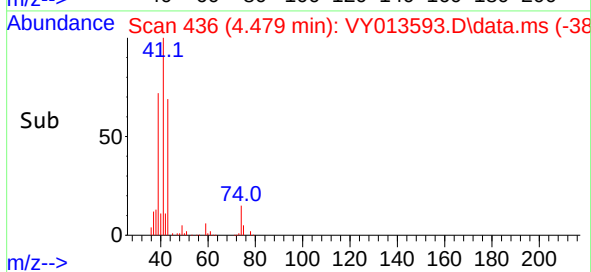
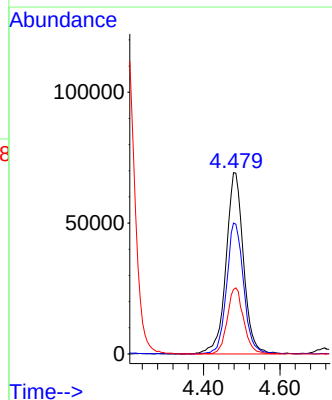
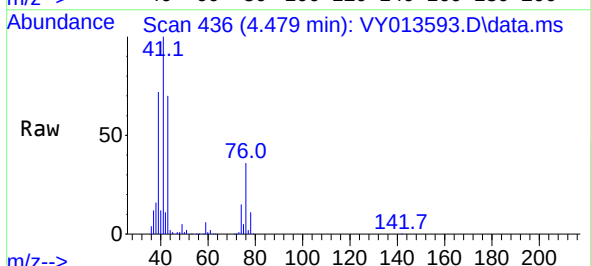


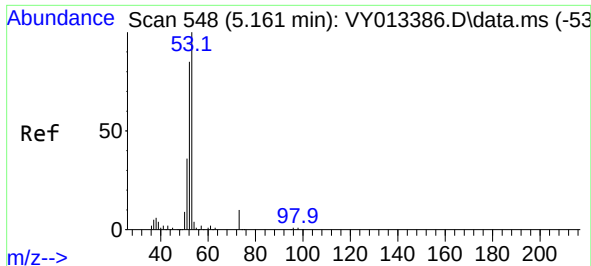
Tgt Ion: 56 Resp: 48814
Ion Ratio Lower Upper
56 100
55 70.2 54.1 81.1



#14
Allyl chloride
Concen: 45.483 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.001 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

Tgt Ion: 41 Resp: 219704
Ion Ratio Lower Upper
41 100
39 70.3 56.6 85.0
76 34.2 30.5 45.7





#15

Acrylonitrile

Concen: 235.871 ug/l

RT: 5.161 min Scan# 54

Delta R.T. 0.000 min

Lab File: VY013593.D

Acq: 04 May 2023 11:52

Instrument :

MSVOA_Y

ClientSampleId :

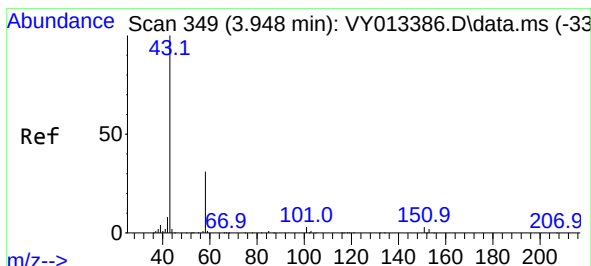
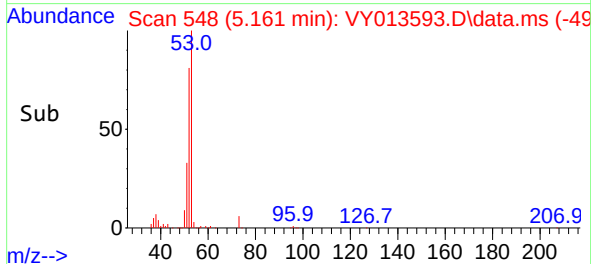
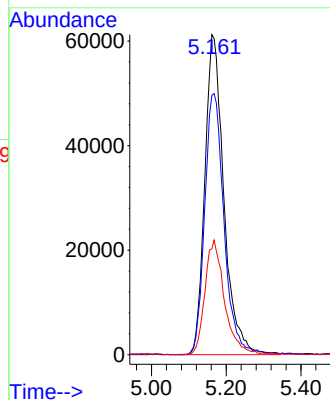
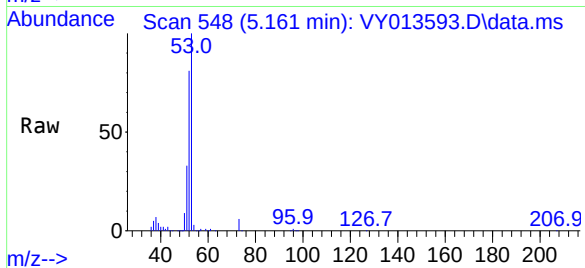
Tgt Ion: 53 Resp: 216585

Ion Ratio Lower Upper

53 100

52 83.2 65.4 98.0

51 36.8 29.3 43.9



#16

Acetone

Concen: 247.602 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.006 min

Lab File: VY013593.D

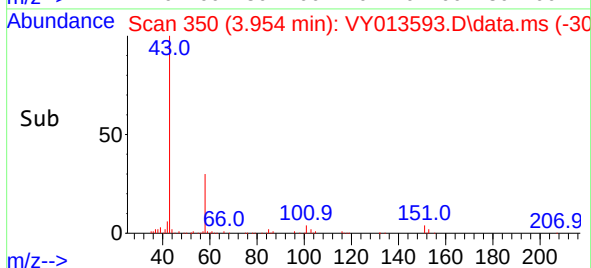
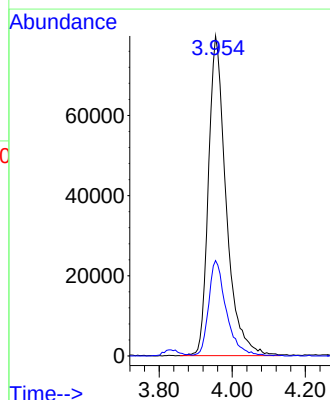
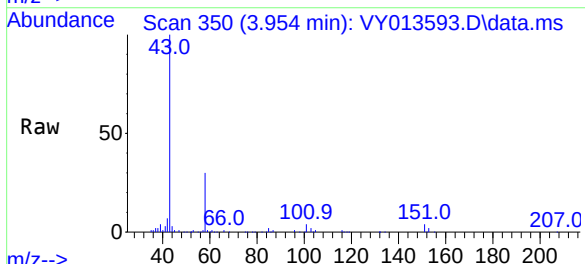
Acq: 04 May 2023 11:52

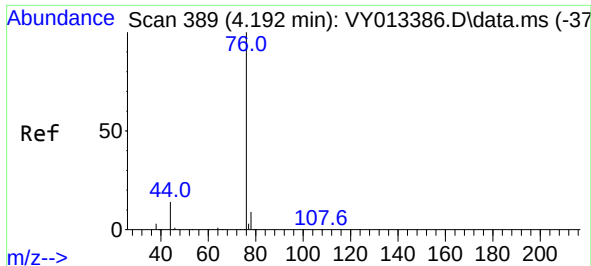
Tgt Ion: 43 Resp: 267748

Ion Ratio Lower Upper

43 100

58 29.7 25.4 38.0

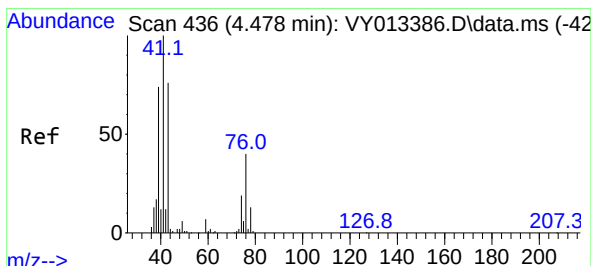
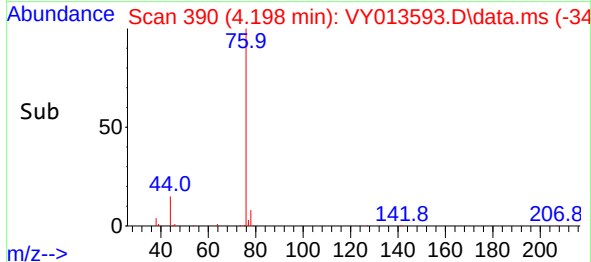
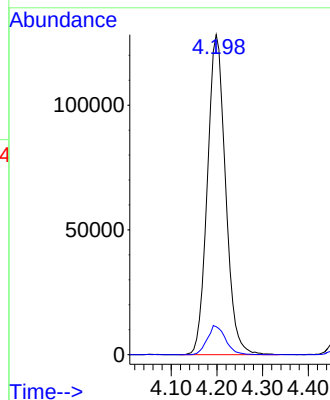
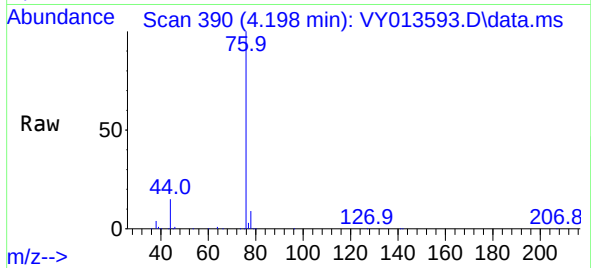




#17
Carbon Disulfide
Concen: 41.848 ug/l
RT: 4.198 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

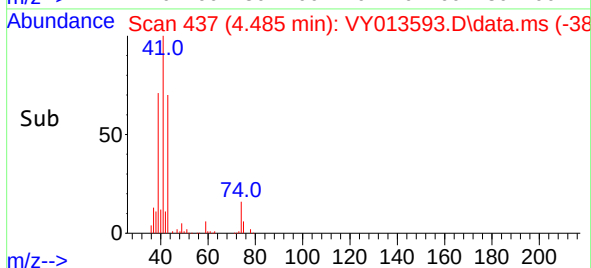
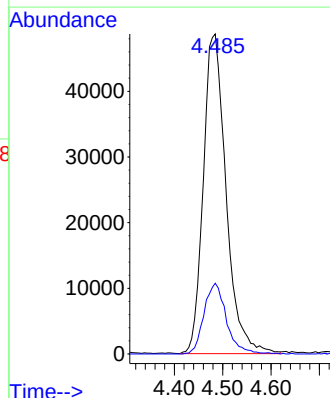
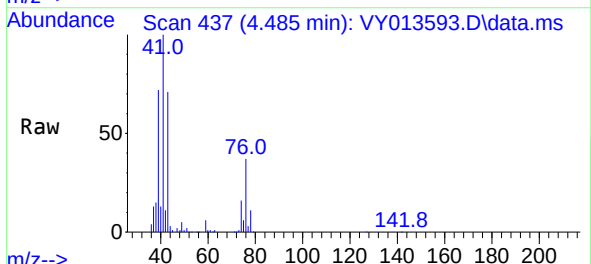
Instrument :
MSVOA_Y
ClientSampleId :

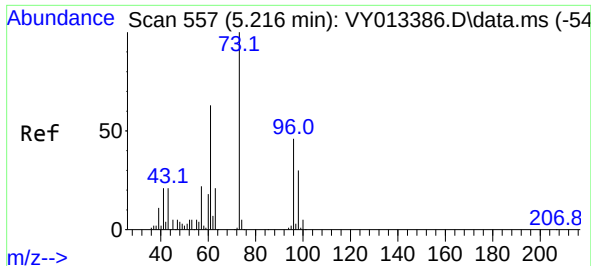
Tgt Ion: 76 Resp: 353879
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8



#18
Methyl Acetate
Concen: 44.558 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.007 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

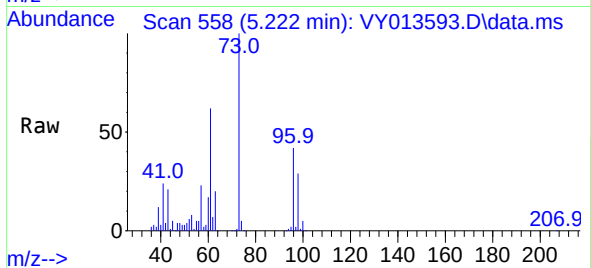
Tgt Ion: 43 Resp: 159139
Ion Ratio Lower Upper
43 100
74 21.9 19.4 29.2



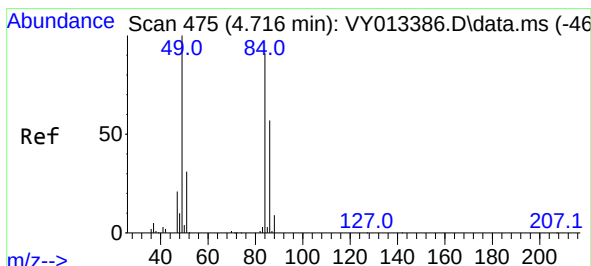
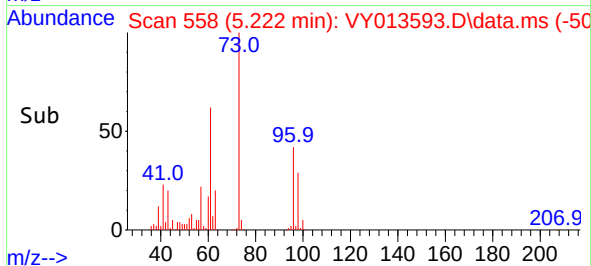
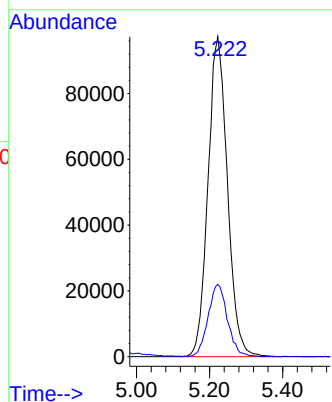


#19
Methyl tert-butyl Ether
Concen: 47.746 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

Instrument :
MSVOA_Y
ClientSampleId :

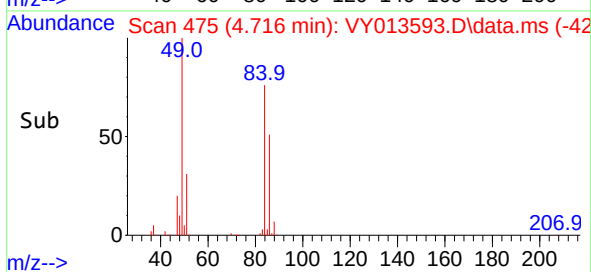
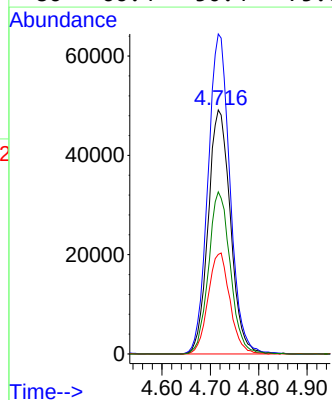
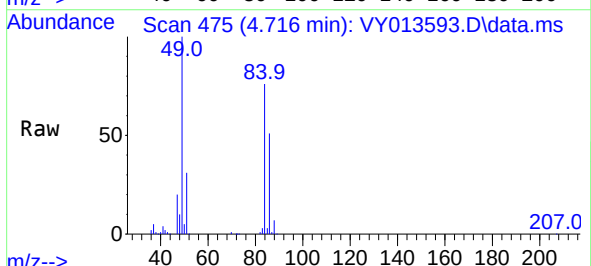


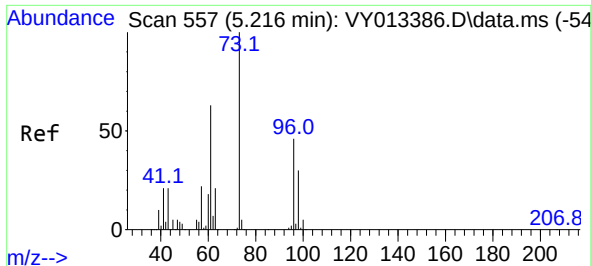
Tgt Ion: 73 Resp: 358841
Ion Ratio Lower Upper
73 100
57 22.6 17.8 26.8



#20
Methylene Chloride
Concen: 45.730 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

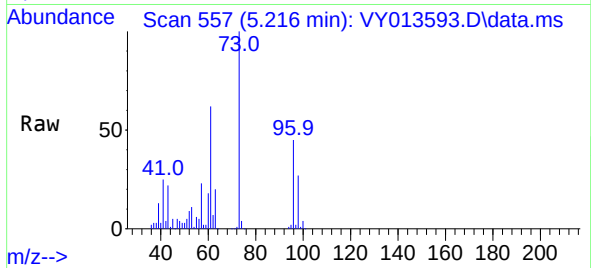
Tgt Ion: 84 Resp: 157257
Ion Ratio Lower Upper
84 100
49 131.1 88.0 132.0
51 40.8 27.4 41.0
86 66.4 50.4 75.6



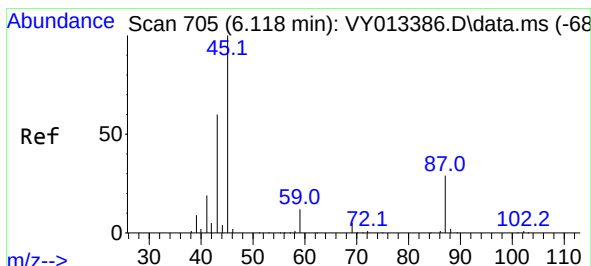
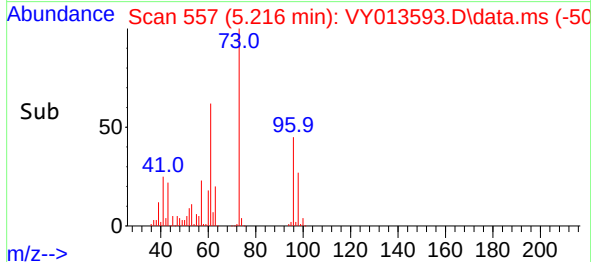
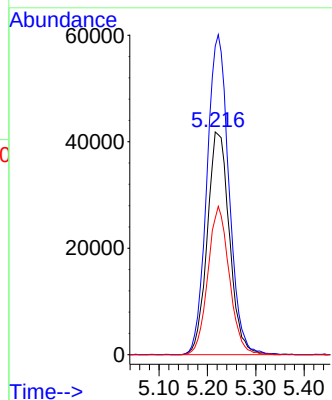


#21
trans-1,2-Dichloroethene
Concen: 46.807 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

Instrument :
MSVOA_Y
ClientSampleId :

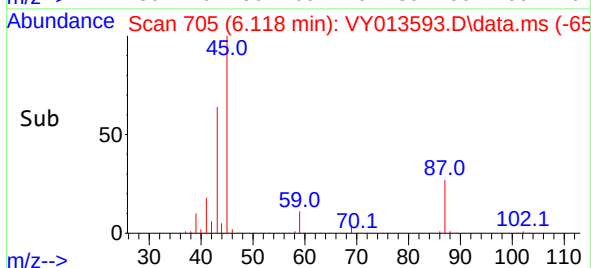
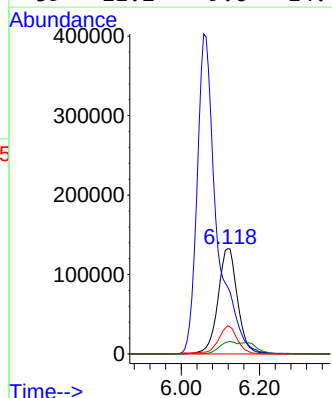
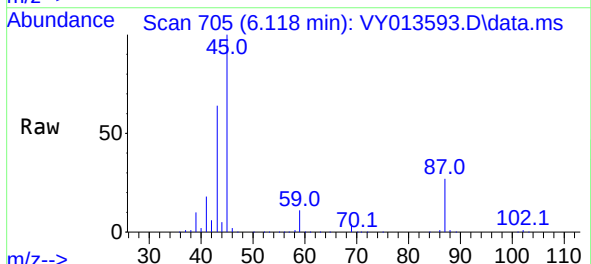


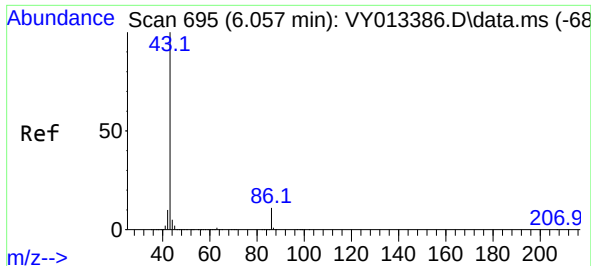
Tgt Ion: 96 Resp: 133229
Ion Ratio Lower Upper
96 100
61 138.5 110.6 165.8
98 61.3 53.1 79.7



#22
Diisopropyl ether
Concen: 48.548 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

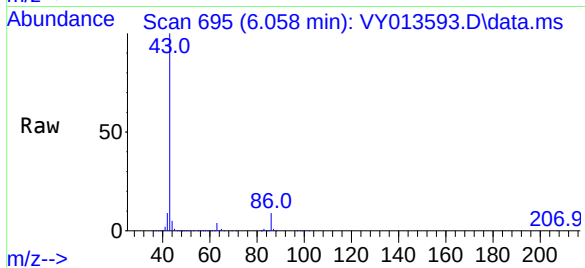
Tgt Ion: 45 Resp: 458359
Ion Ratio Lower Upper
45 100
43 63.2 48.4 72.6
87 26.8 23.8 35.6
59 11.2 9.6 14.4



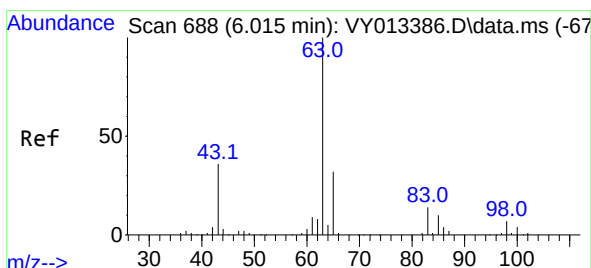
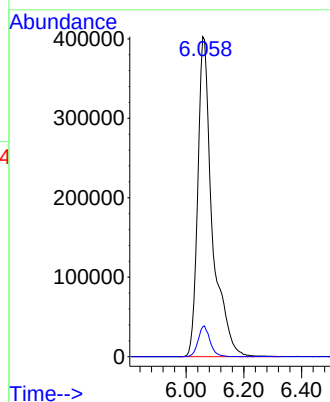
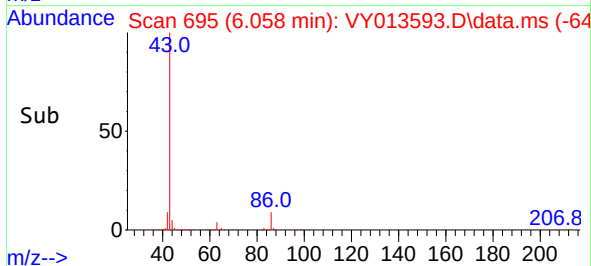


#23
 Vinyl Acetate
 Concen: 262.225 ug/l
 RT: 6.058 min Scan# 61
 Delta R.T. 0.001 min
 Lab File: VY013593.D
 Acq: 04 May 2023 11:52

Instrument :
 MSVOA_Y
 ClientSampleId :

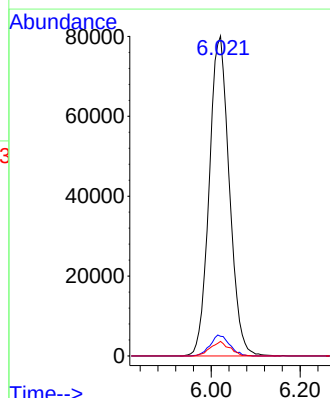
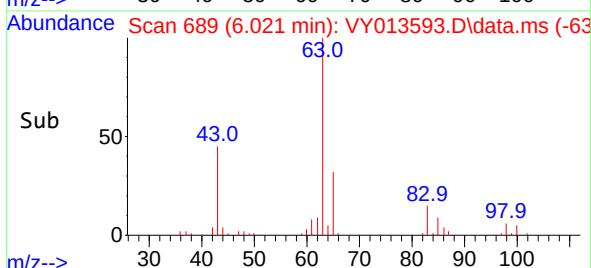
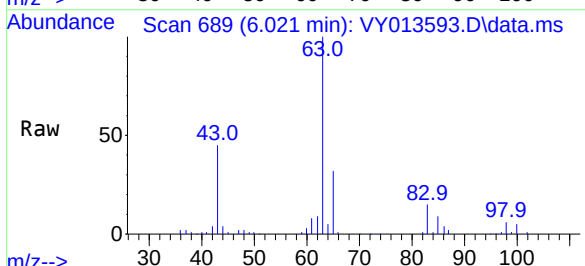


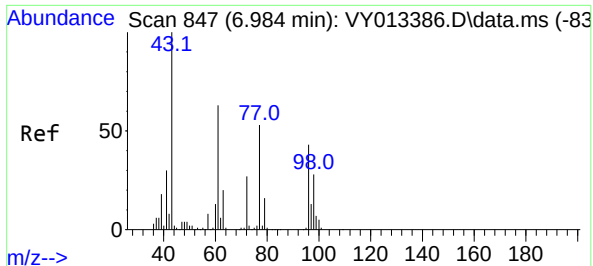
Tgt Ion: 43 Resp: 1401765
 Ion Ratio Lower Upper
 43 100
 86 9.3 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 47.748 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY013593.D
 Acq: 04 May 2023 11:52

Tgt Ion: 63 Resp: 251249
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.5 10.6
 100 4.6 2.2 6.6

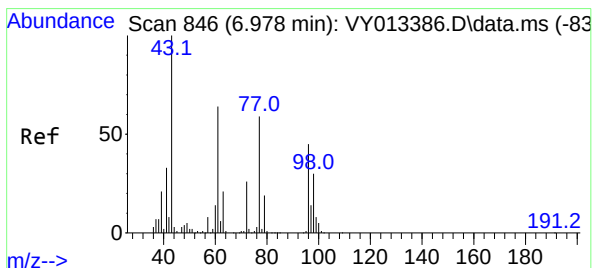
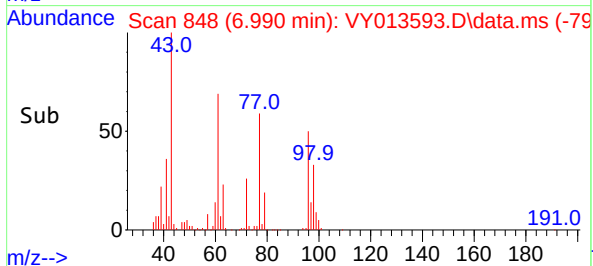
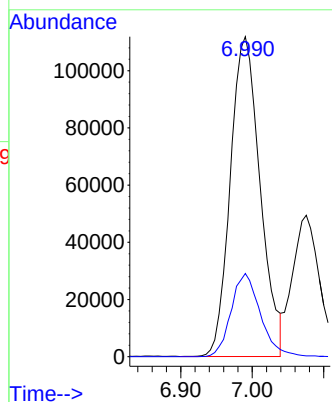
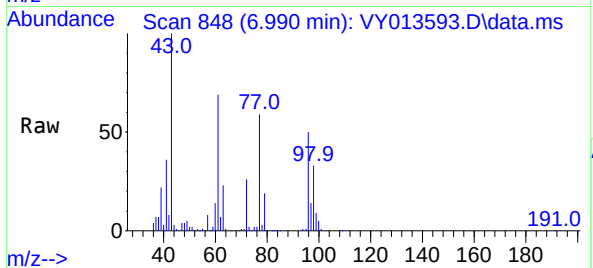




#25
2-Butanone
Concen: 236.276 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

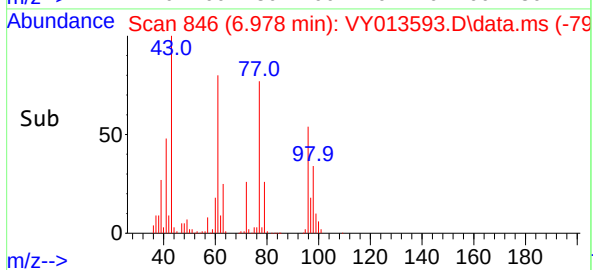
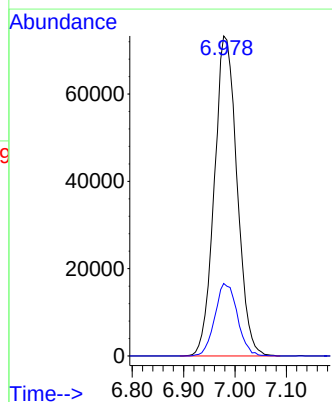
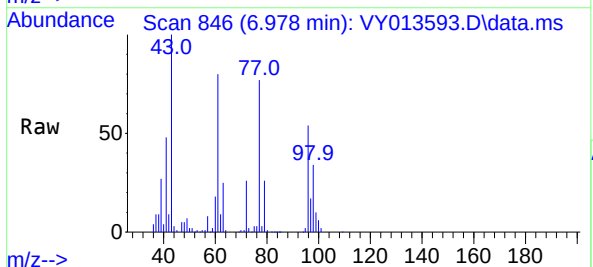
Instrument :
MSVOA_Y
ClientSampleId :

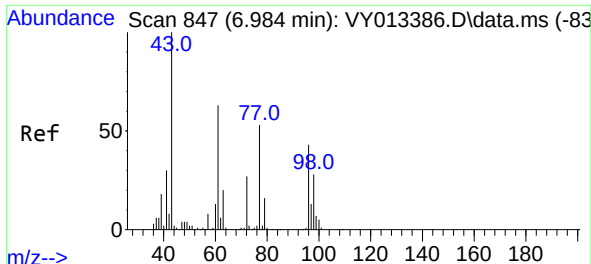
Tgt Ion: 43 Resp: 324030
Ion Ratio Lower Upper
43 100
72 26.0 21.9 32.9



#26
2,2-Dichloropropane
Concen: 49.539 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

Tgt Ion: 77 Resp: 224621
Ion Ratio Lower Upper
77 100
97 22.5 11.8 35.4

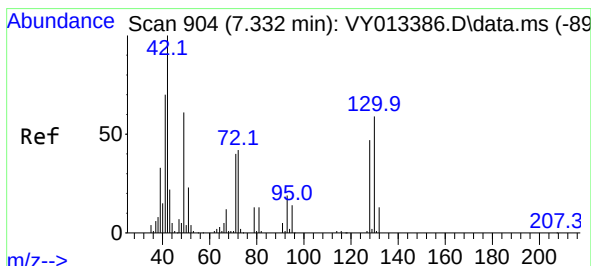
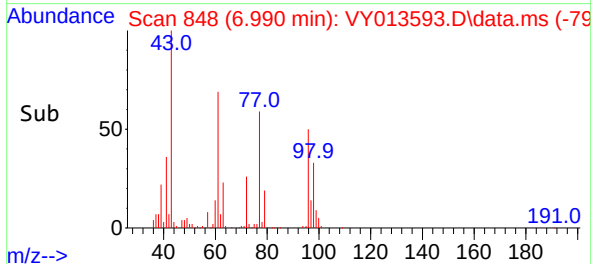
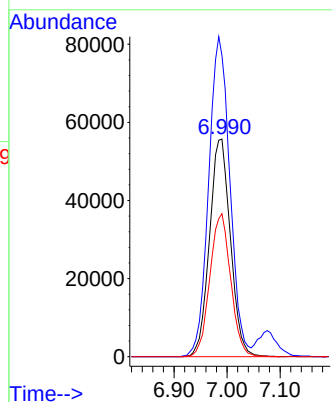
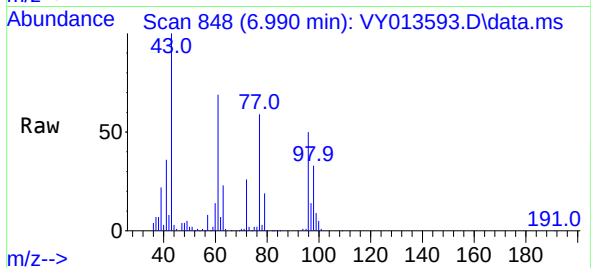




#27
cis-1,2-Dichloroethene
Concen: 48.602 ug/l
RT: 6.990 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

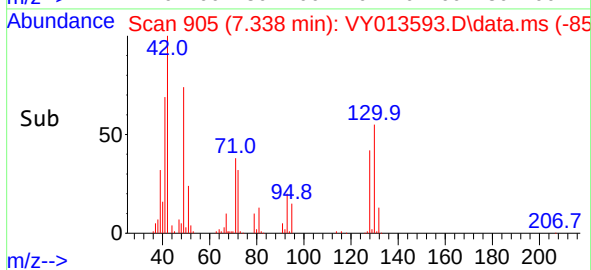
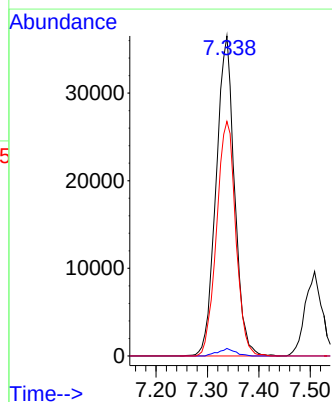
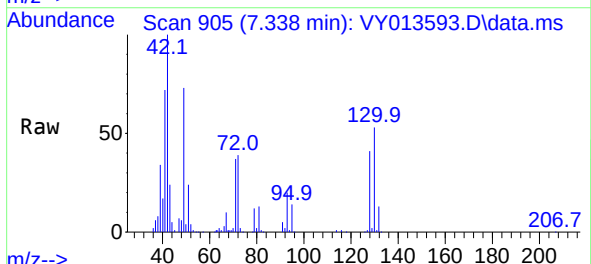
Instrument :
MSVOA_Y
ClientSampleId :

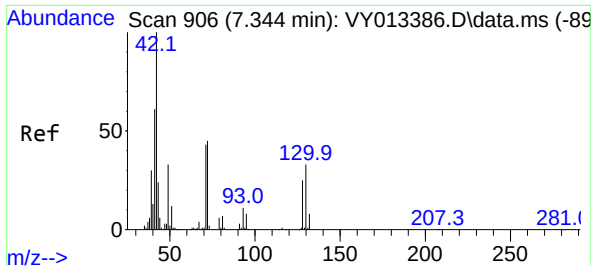
Tgt Ion: 96 Resp: 152848
Ion Ratio Lower Upper
96 100
61 148.8 0.0 285.0
98 65.3 0.0 130.6



#28
Bromochloromethane
Concen: 48.649 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.006 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

Tgt Ion: 49 Resp: 90841
Ion Ratio Lower Upper
49 100
129 2.2 0.0 5.2
130 76.2 72.1 108.1

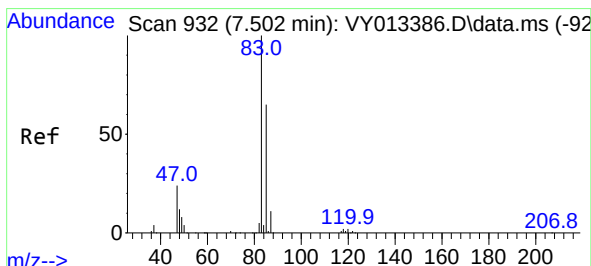
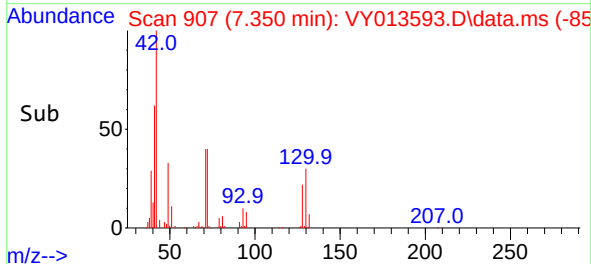
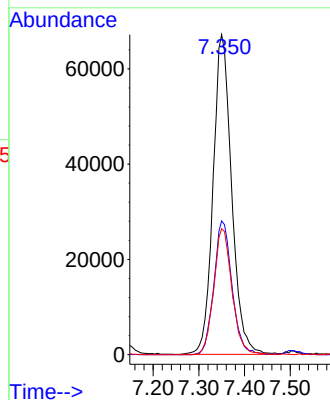
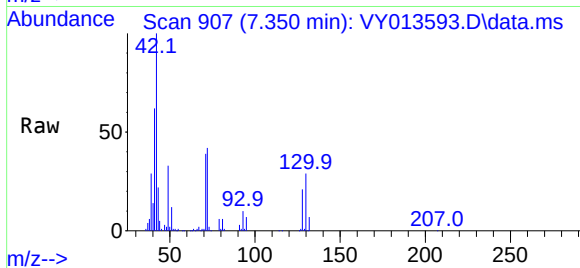




#29
Tetrahydrofuran
Concen: 221.979 ug/l
RT: 7.350 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

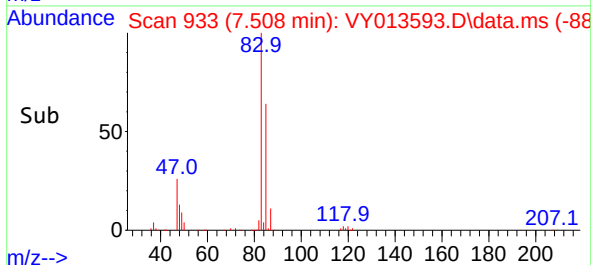
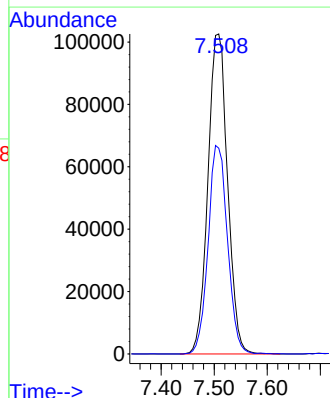
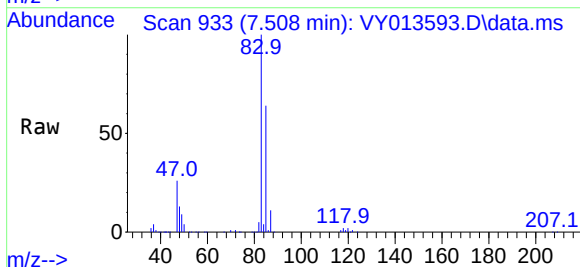
Instrument :
MSVOA_Y
ClientSampleId :

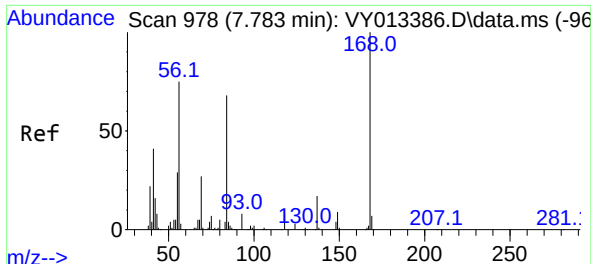
Tgt Ion: 42 Resp: 189497
Ion Ratio Lower Upper
42 100
72 40.8 35.9 53.9
71 38.6 34.3 51.5



#30
Chloroform
Concen: 50.355 ug/l
RT: 7.508 min Scan# 933
Delta R.T. 0.006 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

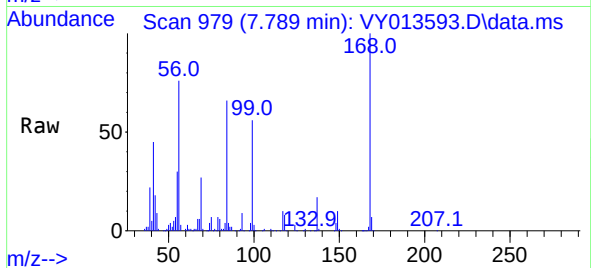
Tgt Ion: 83 Resp: 263446
Ion Ratio Lower Upper
83 100
85 64.3 52.0 78.0



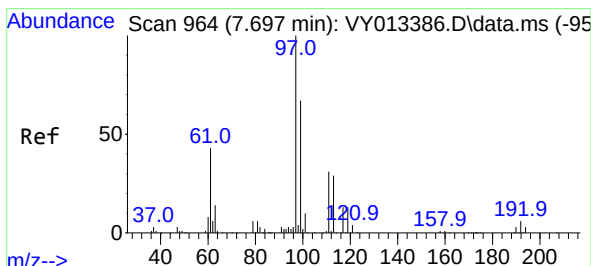
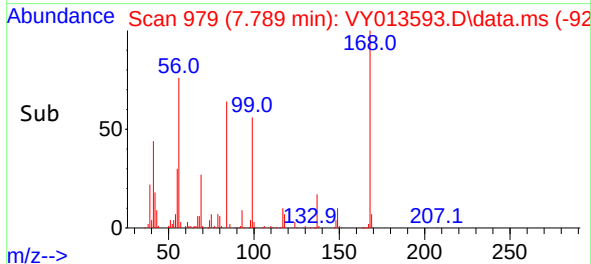
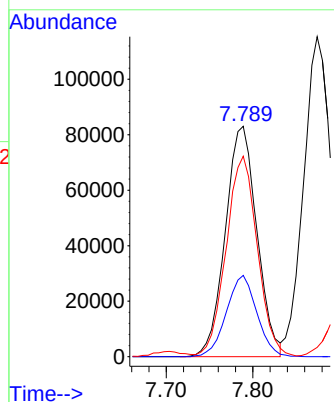


#31
Cyclohexane
Concen: 42.790 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

Instrument :
MSVOA_Y
ClientSampleId :

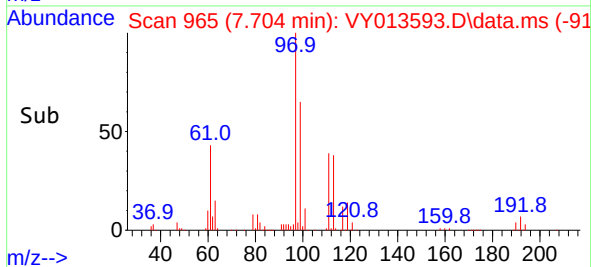
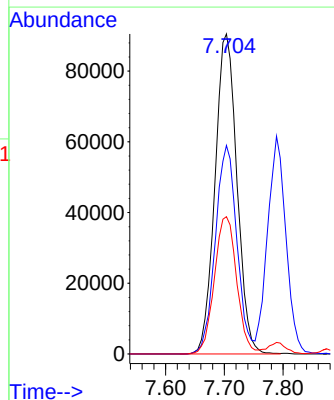
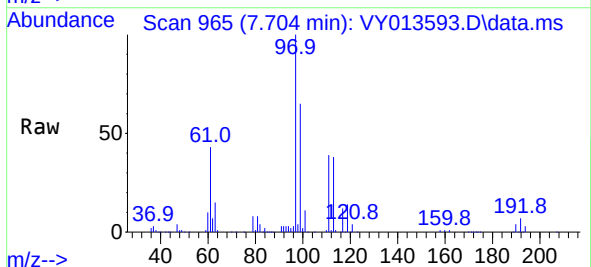


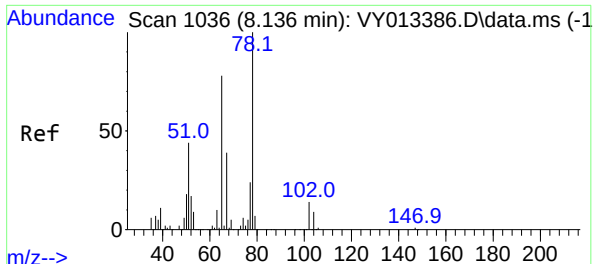
Tgt Ion: 56 Resp: 210369
Ion Ratio Lower Upper
56 100
69 35.3 29.2 43.8
84 85.6 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 50.230 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.007 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

Tgt Ion: 97 Resp: 234499
Ion Ratio Lower Upper
97 100
99 64.4 52.2 78.2
61 43.7 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 49.700 ug/l

RT: 8.143 min Scan# 1036

Delta R.T. 0.007 min

Lab File: VY013593.D

Acq: 04 May 2023 11:52

Instrument :

MSVOA_Y

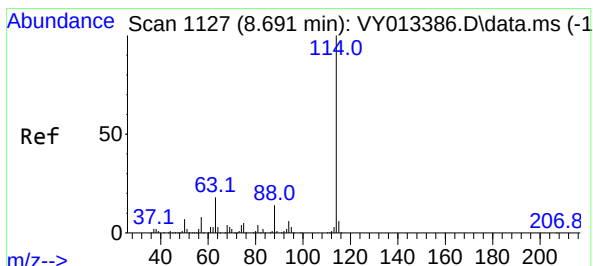
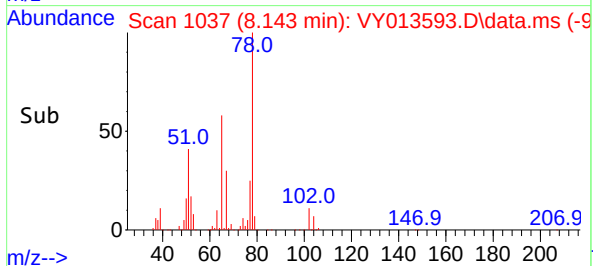
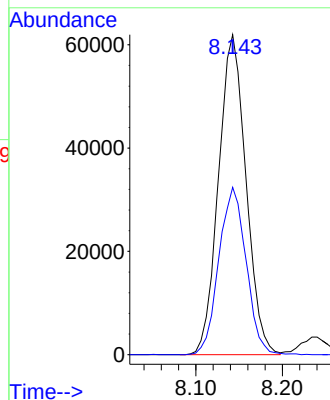
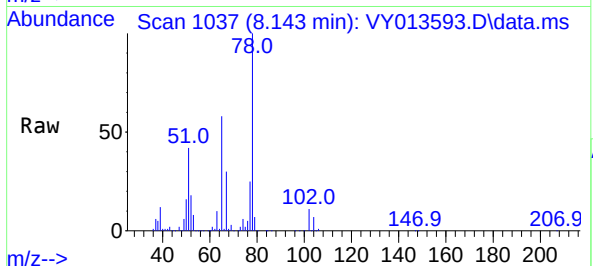
ClientSampleId :

Tgt Ion: 65 Resp: 136472

Ion Ratio Lower Upper

65 100

67 52.0 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013593.D

Acq: 04 May 2023 11:52

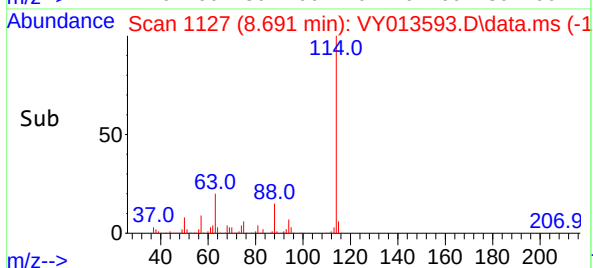
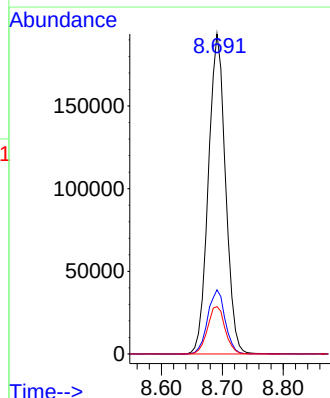
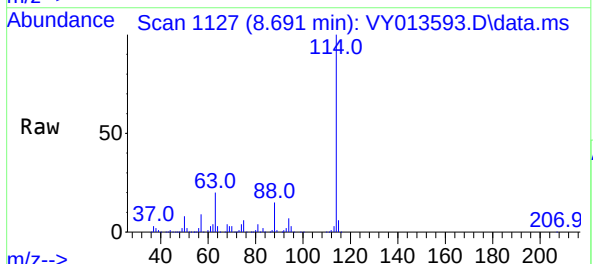
Tgt Ion:114 Resp: 378178

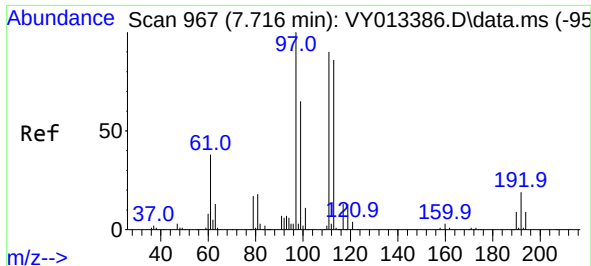
Ion Ratio Lower Upper

114 100

63 20.0 0.0 36.6

88 14.8 0.0 28.8

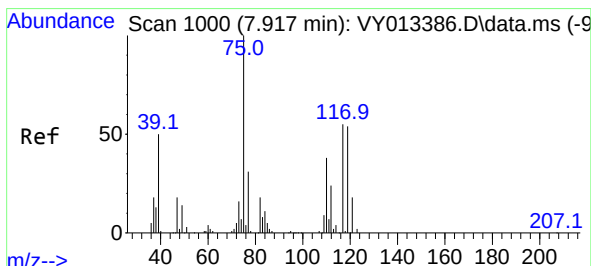
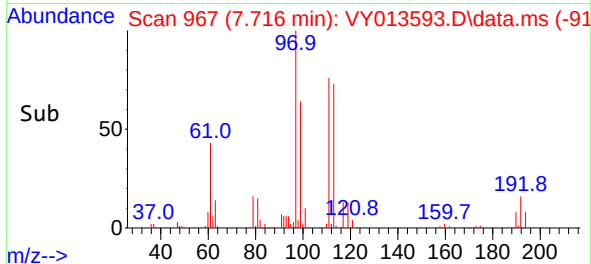
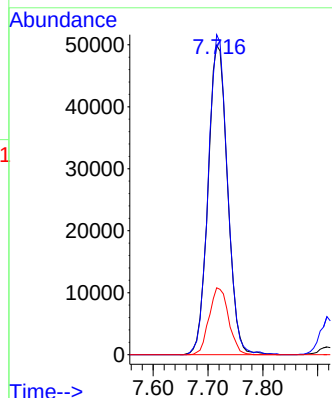
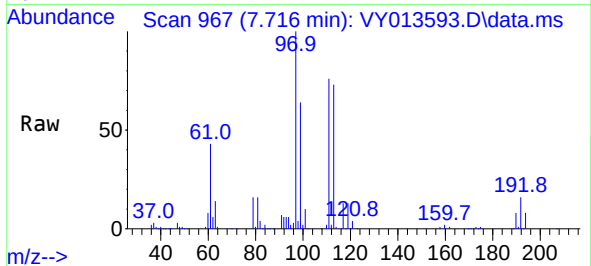




#35
Dibromofluoromethane
Concen: 51.864 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

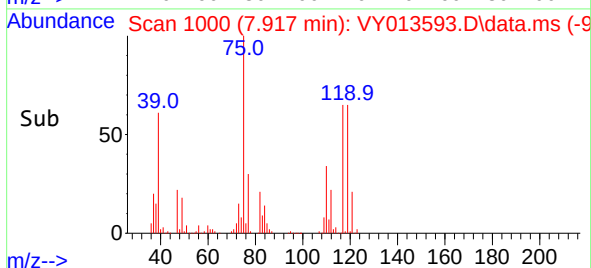
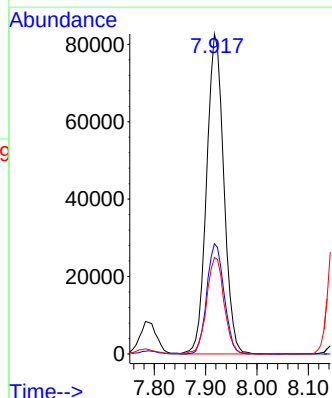
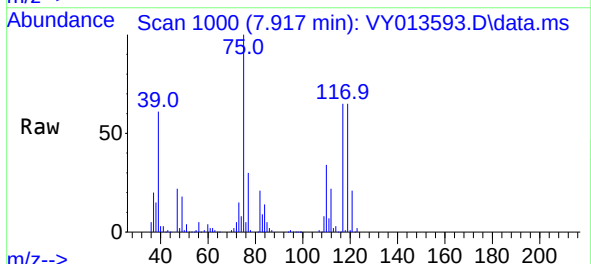
Instrument :
MSVOA_Y
ClientSampleId :

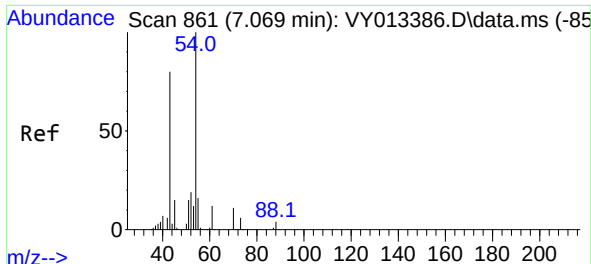
Tgt Ion:113 Resp: 123363
Ion Ratio Lower Upper
113 100
111 101.4 82.2 123.2
192 21.5 16.7 25.1



#36
1,1-Dichloropropene
Concen: 48.578 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

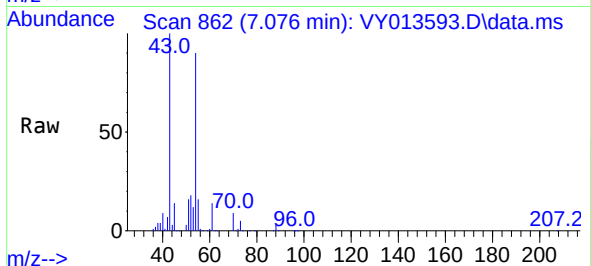
Tgt Ion: 75 Resp: 191763
Ion Ratio Lower Upper
75 100
110 34.5 18.7 56.1
77 30.8 24.6 37.0



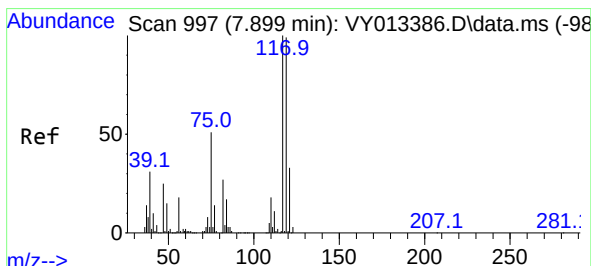
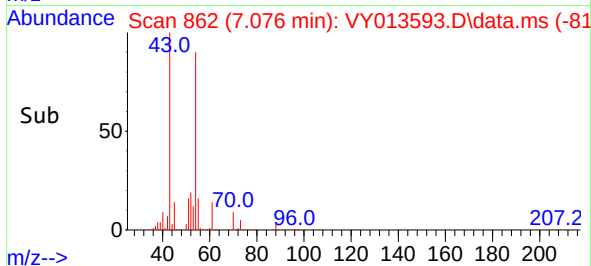
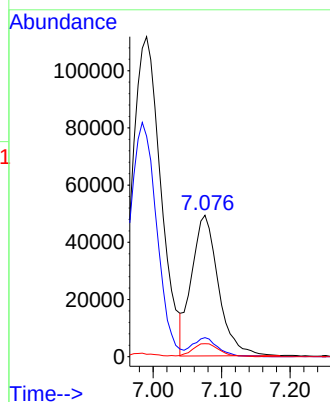


#37
Ethyl Acetate
Concen: 45.139 ug/l
RT: 7.076 min Scan# 80
Delta R.T. 0.007 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

Instrument :
MSVOA_Y
ClientSampleId :

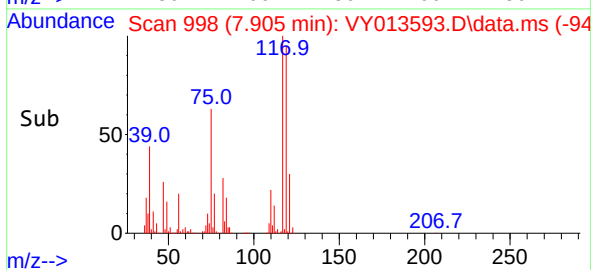
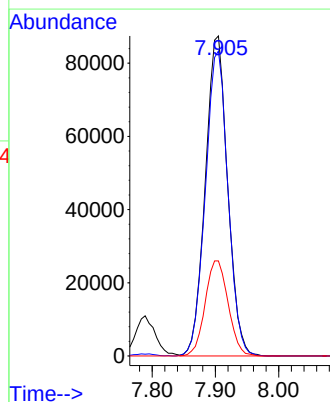
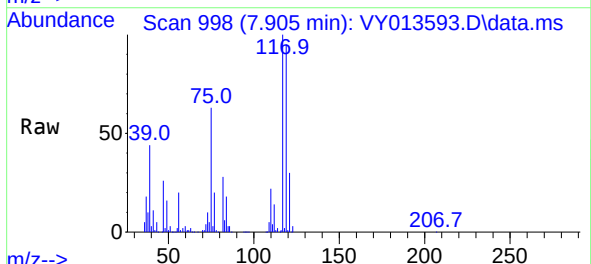


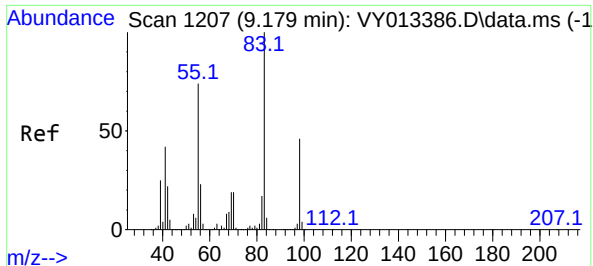
Tgt Ion: 43 Resp: 134094
Ion Ratio Lower Upper
43 100
61 12.7 11.4 17.0
70 9.3 7.9 11.9



#38
Carbon Tetrachloride
Concen: 51.842 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.006 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

Tgt Ion: 117 Resp: 214495
Ion Ratio Lower Upper
117 100
119 95.3 79.0 118.6
121 29.7 26.6 40.0

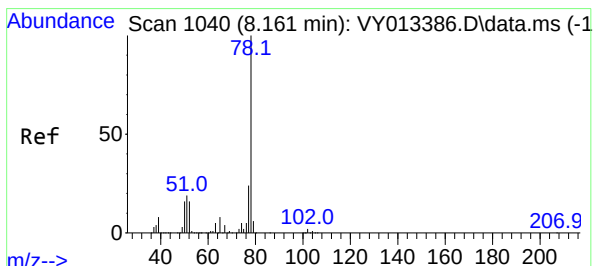
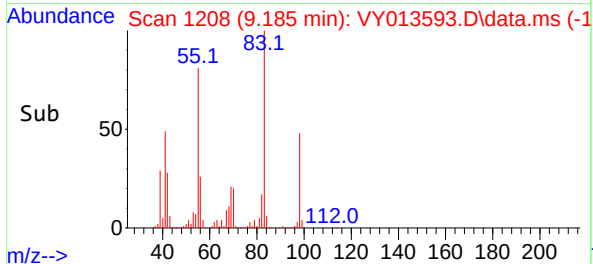
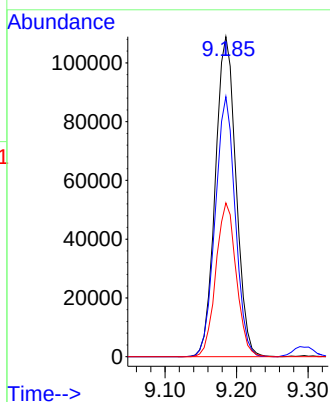
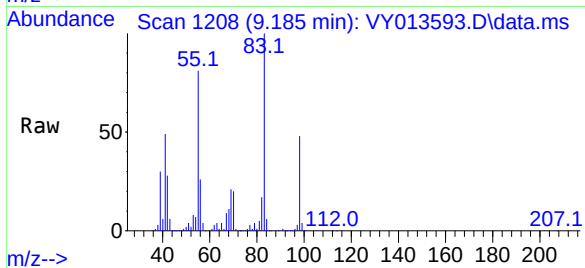




#39
Methylcyclohexane
Concen: 47.015 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

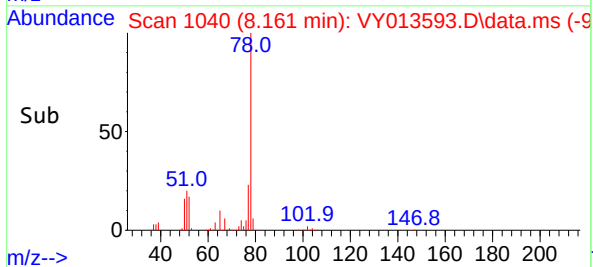
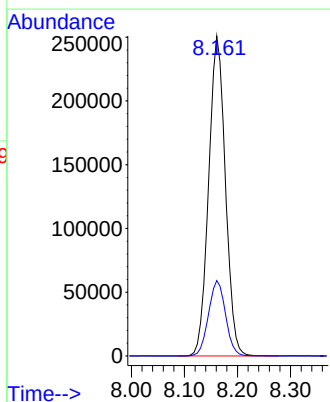
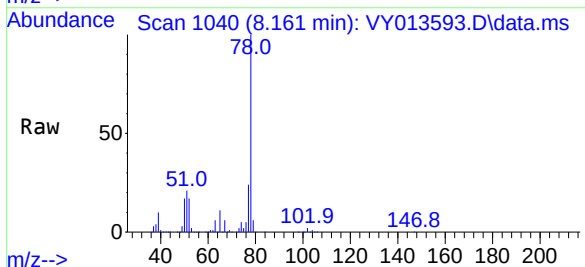
Instrument :
MSVOA_Y
ClientSampleId :

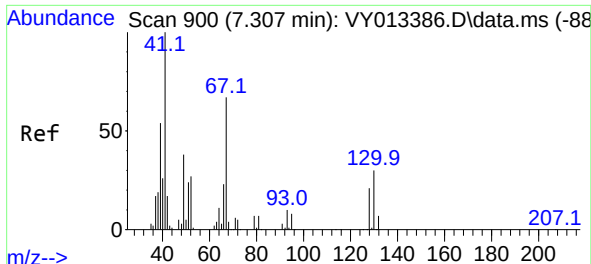
Tgt Ion: 83 Resp: 218797
Ion Ratio Lower Upper
83 100
55 81.2 59.0 88.4
98 48.1 37.0 55.4



#40
Benzene
Concen: 49.494 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

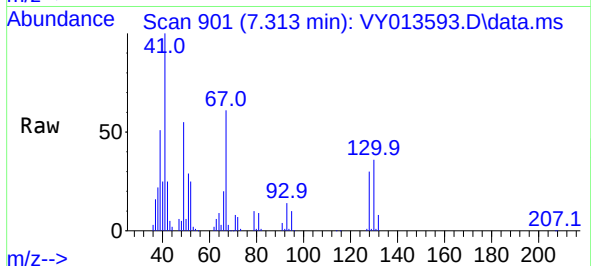
Tgt Ion: 78 Resp: 550359
Ion Ratio Lower Upper
78 100
77 23.6 19.2 28.8



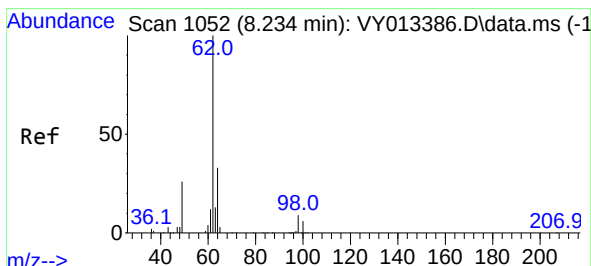
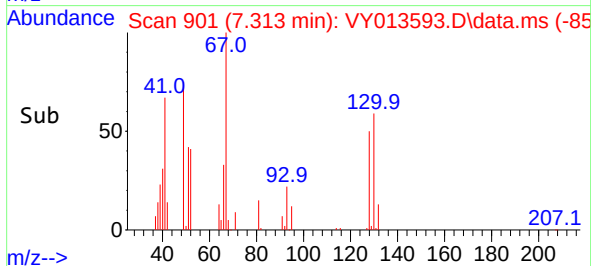
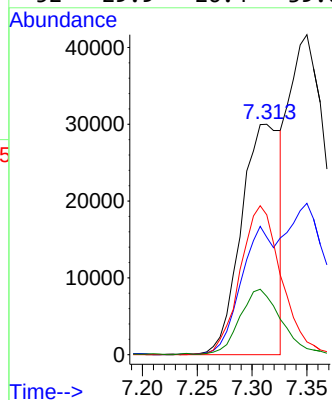


#41
Methacrylonitrile
Concen: 53.848 ug/l
RT: 7.313 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

Instrument :
MSVOA_Y
ClientSampleId :

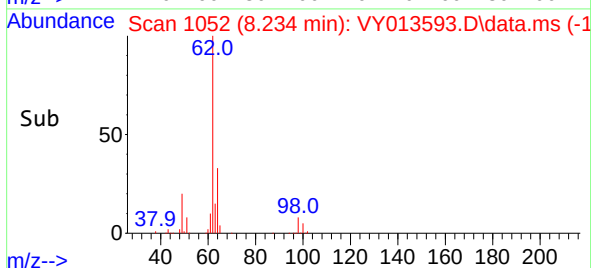
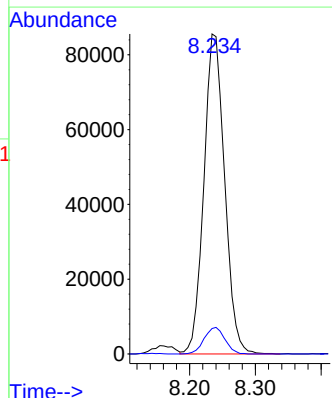
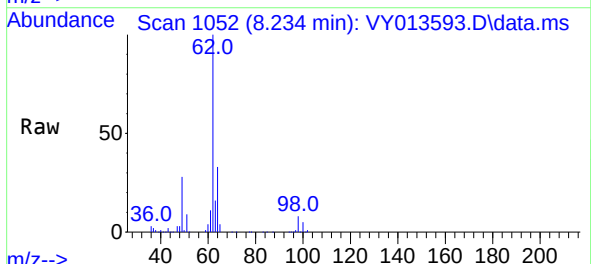


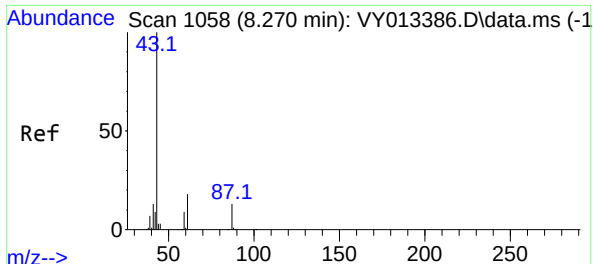
Tgt Ion: 41 Resp: 74542
Ion Ratio Lower Upper
41 100
39 45.9 44.2 66.4
67 68.7 62.9 94.3
52 29.9 26.4 39.6



#42
1,2-Dichloroethane
Concen: 51.746 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

Tgt Ion: 62 Resp: 188120
Ion Ratio Lower Upper
62 100
98 8.3 0.0 17.8





#43

Isopropyl Acetate

Concen: 46.698 ug/l

RT: 8.271 min Scan# 1105

Delta R.T. 0.001 min

Lab File: VY013593.D

Acq: 04 May 2023 11:52

Instrument :

MSVOA_Y

ClientSampleId :

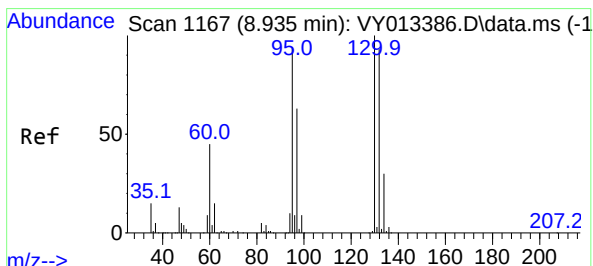
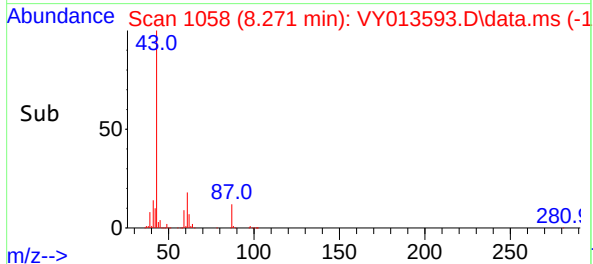
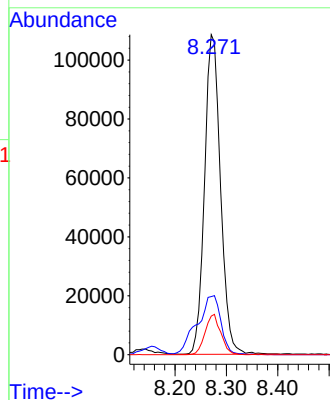
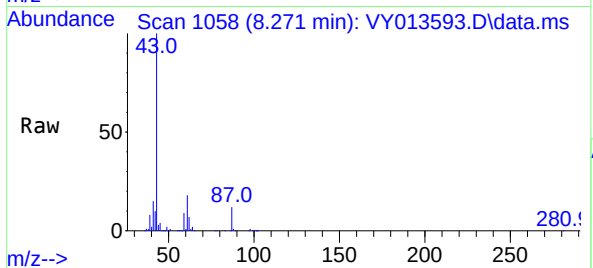
Tgt Ion: 43 Resp: 234155

Ion Ratio Lower Upper

43 100

61 27.2 22.2 33.4

87 12.3 11.0 16.6



#44

Trichloroethene

Concen: 49.346 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.006 min

Lab File: VY013593.D

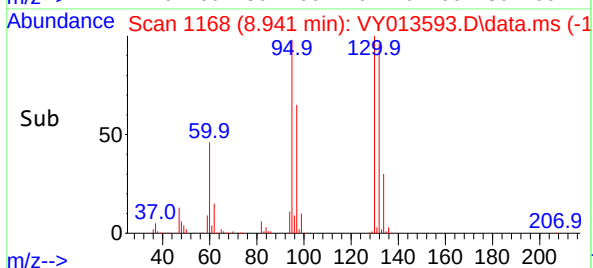
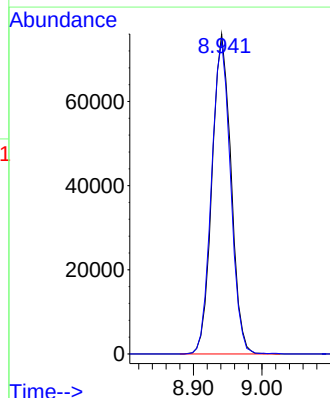
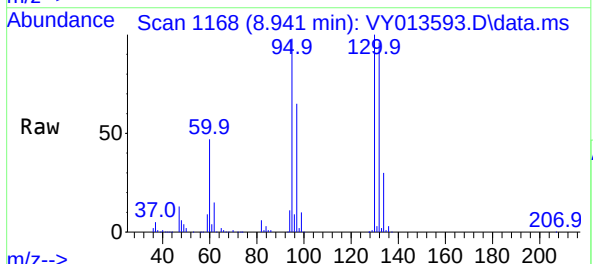
Acq: 04 May 2023 11:52

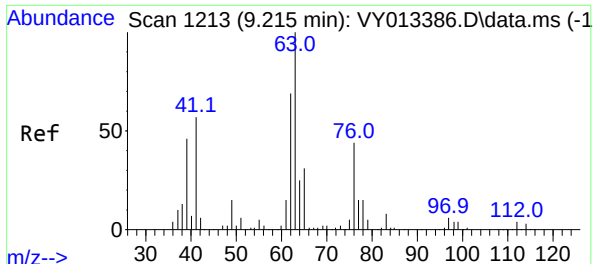
Tgt Ion:130 Resp: 145960

Ion Ratio Lower Upper

130 100

95 97.7 0.0 188.8





#45

1,2-Dichloropropane

Concen: 49.490 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY013593.D

Acq: 04 May 2023 11:52

Instrument :

MSVOA_Y

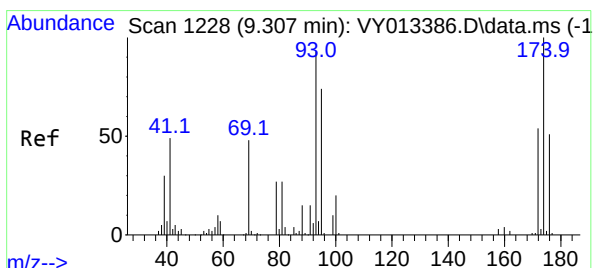
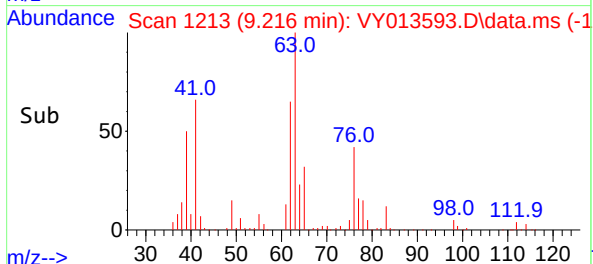
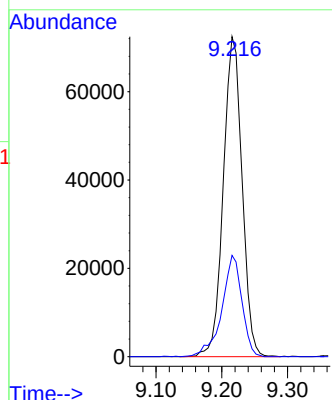
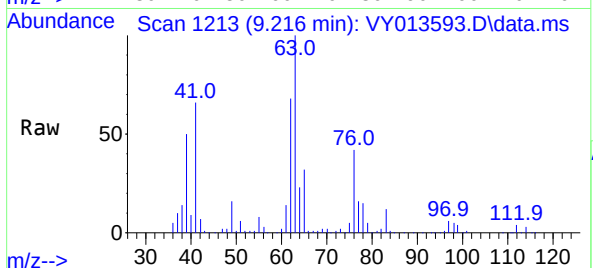
ClientSampleId :

Tgt Ion: 63 Resp: 143888

Ion Ratio Lower Upper

63 100

65 31.7 24.6 37.0



#46

Dibromomethane

Concen: 49.601 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY013593.D

Acq: 04 May 2023 11:52

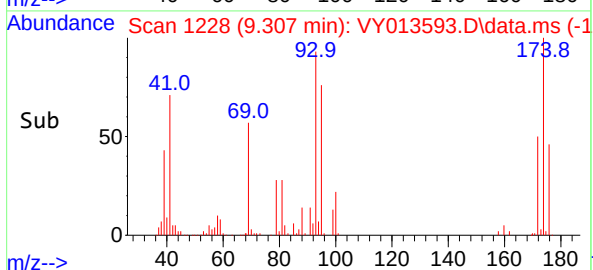
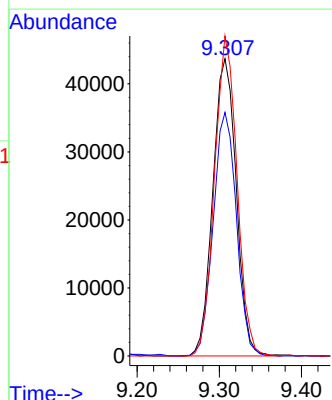
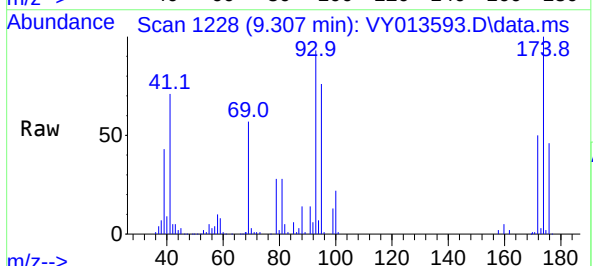
Tgt Ion: 93 Resp: 86288

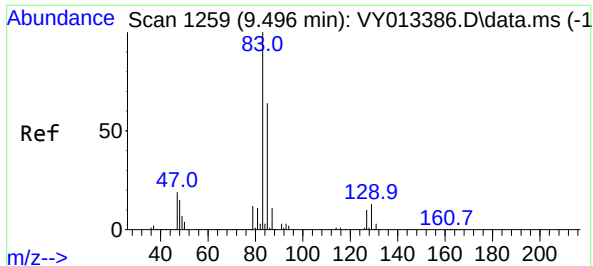
Ion Ratio Lower Upper

93 100

95 81.5 67.1 100.7

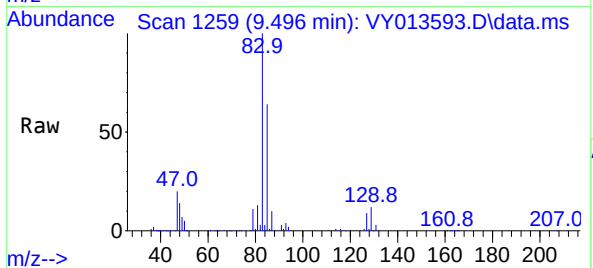
174 103.5 87.0 130.4



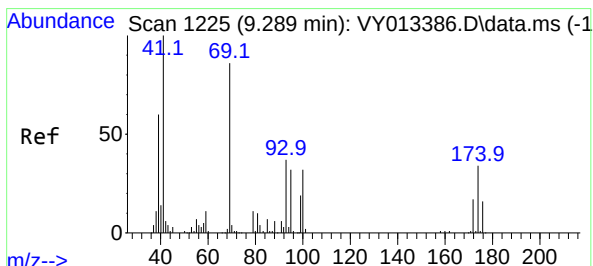
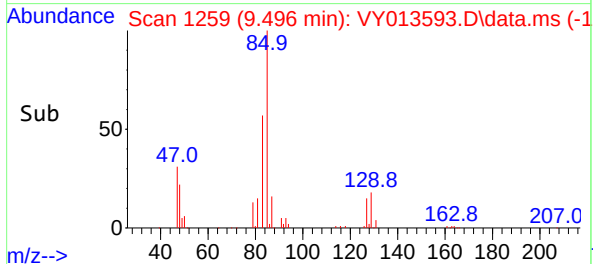
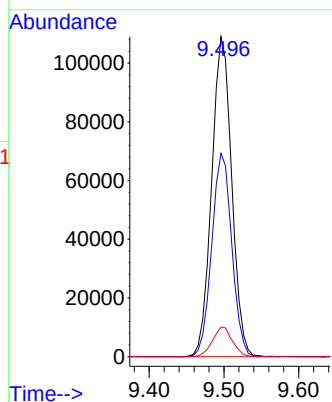


#47
Bromodichloromethane
Concen: 52.221 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

Instrument :
MSVOA_Y
ClientSampleId :

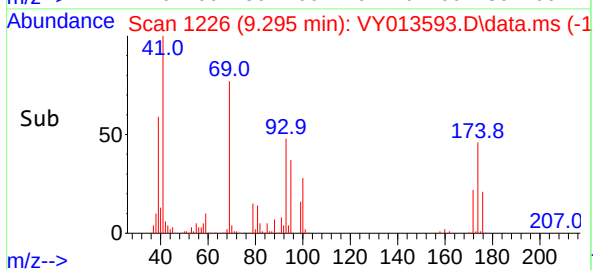
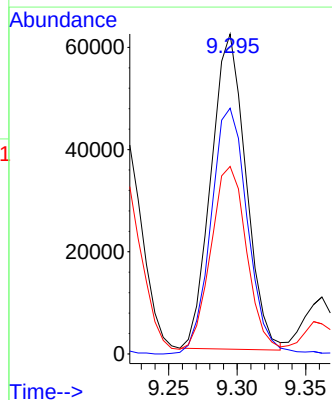
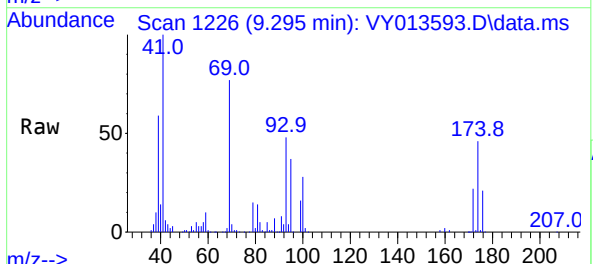


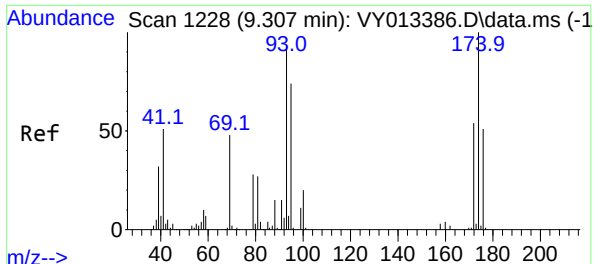
Tgt Ion: 83 Resp: 203279
Ion Ratio Lower Upper
83 100
85 63.6 51.4 77.2
127 9.2 8.1 12.1



#48
Methyl methacrylate
Concen: 47.305 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

Tgt Ion: 41 Resp: 108937
Ion Ratio Lower Upper
41 100
69 82.2 70.2 105.4
39 59.6 47.9 71.9





#49

1,4-Dioxane

Concen: 956.750 ug/l

RT: 9.313 min Scan# 11

Delta R.T. 0.006 min

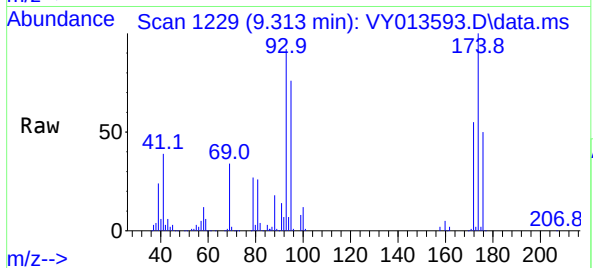
Lab File: VY013593.D

Acq: 04 May 2023 11:52

Instrument :

MSVOA_Y

ClientSampleId :



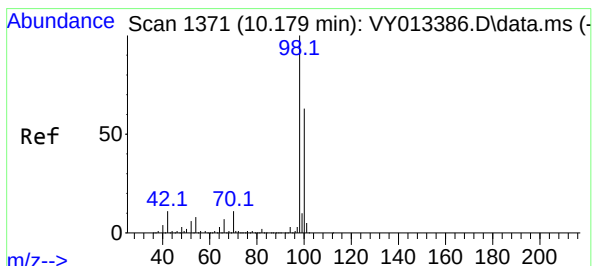
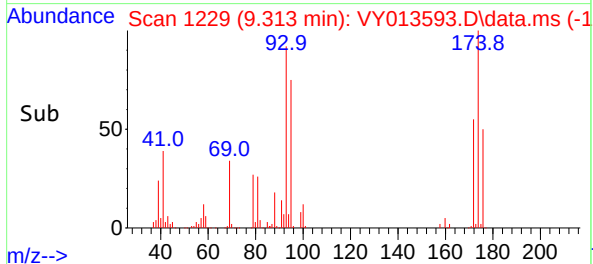
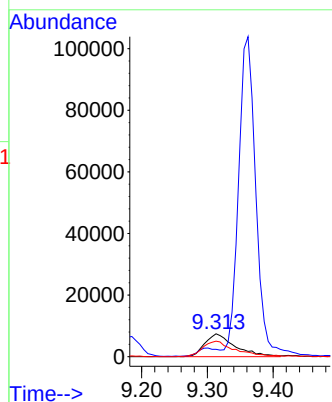
Tgt Ion: 88 Resp: 23771

Ion Ratio Lower Upper

88 100

43 24.9 16.8 25.2

58 73.2 54.3 81.5



#50

Toluene-d8

Concen: 49.169 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013593.D

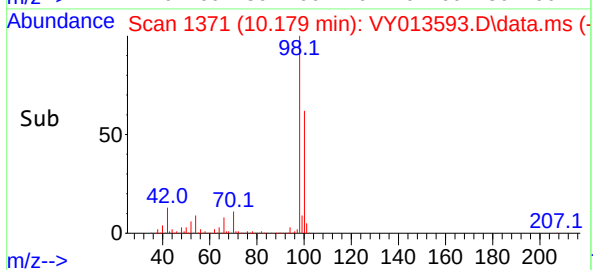
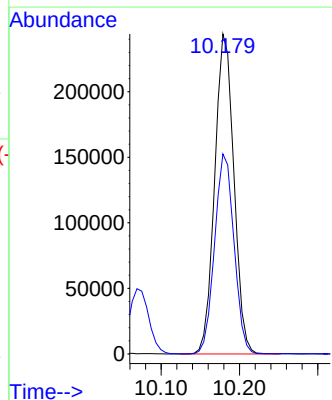
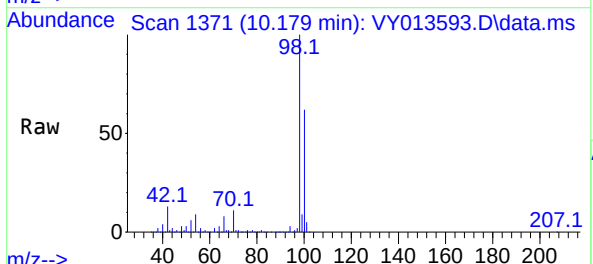
Acq: 04 May 2023 11:52

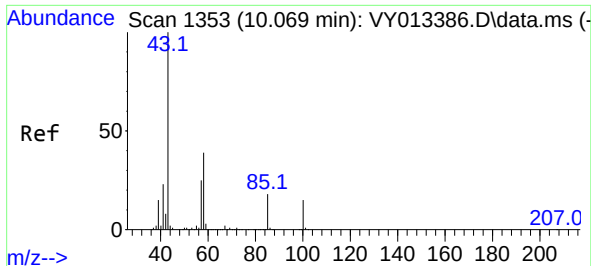
Tgt Ion: 98 Resp: 416043

Ion Ratio Lower Upper

98 100

100 63.1 50.5 75.7

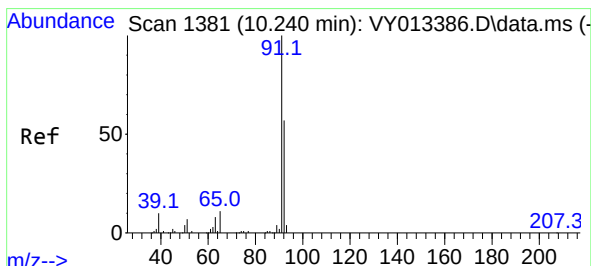
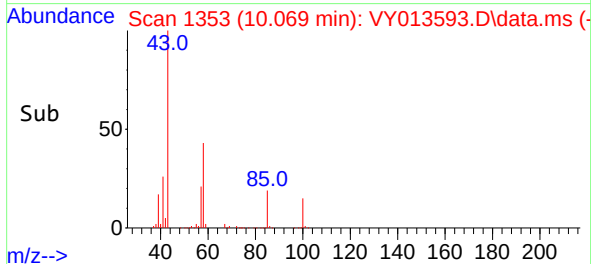
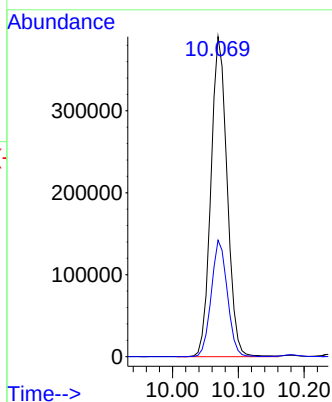
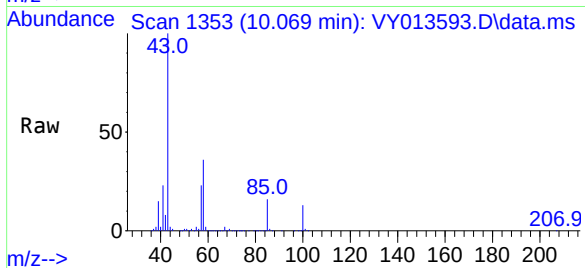




#51
4-Methyl-2-Pentanone
Concen: 239.107 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

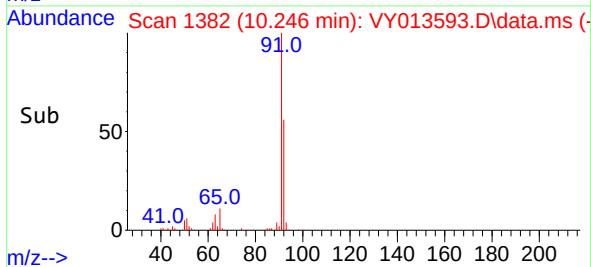
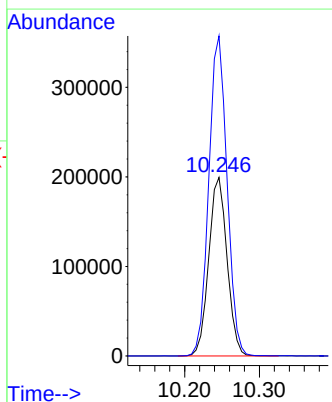
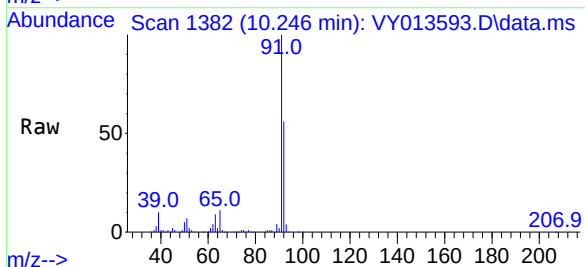
Instrument :
MSVOA_Y
ClientSampleId :

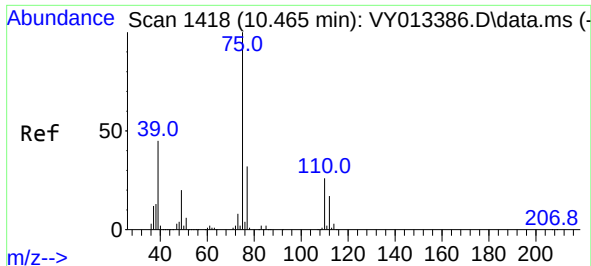
Tgt Ion: 43 Resp: 668097
Ion Ratio Lower Upper
43 100
58 36.1 30.6 46.0



#52
Toluene
Concen: 50.873 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

Tgt Ion: 92 Resp: 340421
Ion Ratio Lower Upper
92 100
91 178.4 140.2 210.4

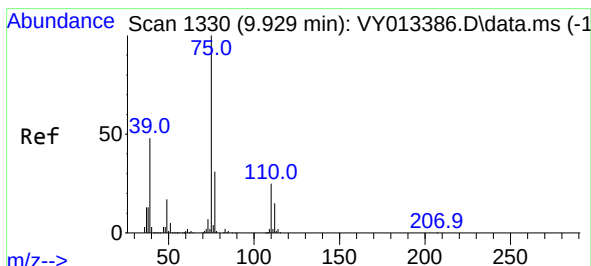
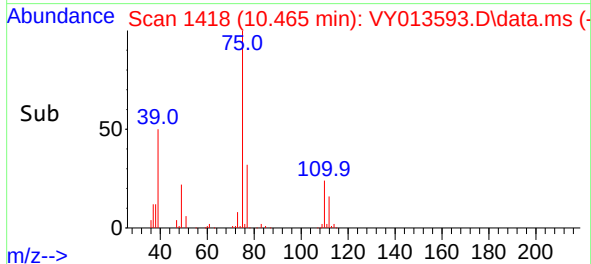
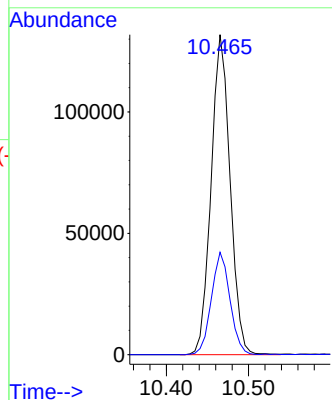
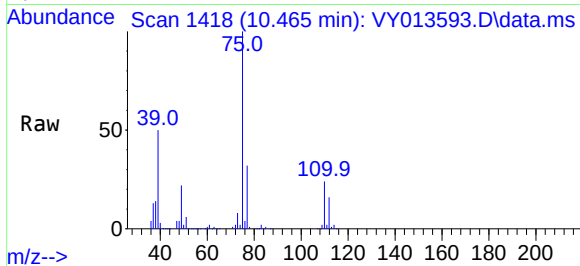




#53
t-1,3-Dichloropropene
Concen: 51.360 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

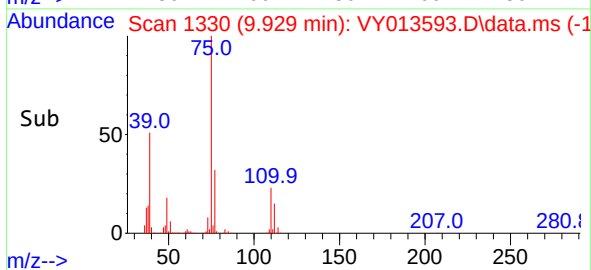
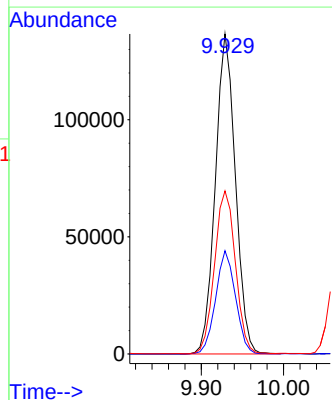
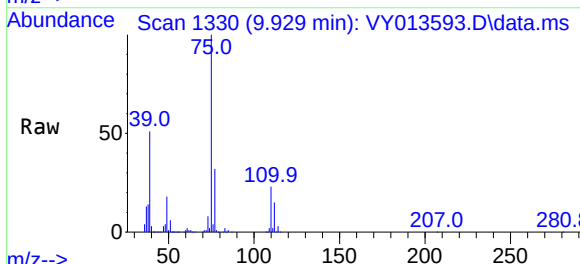
Instrument :
MSVOA_Y
ClientSampleId :

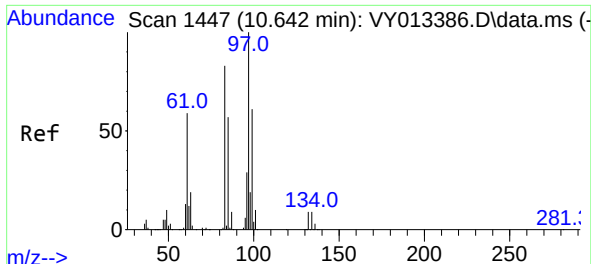
Tgt Ion: 75 Resp: 211592
Ion Ratio Lower Upper
75 100
77 32.0 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 49.978 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

Tgt Ion: 75 Resp: 231683
Ion Ratio Lower Upper
75 100
77 32.3 24.8 37.2
39 50.8 38.1 57.1



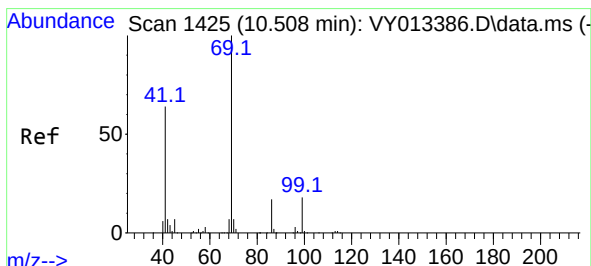
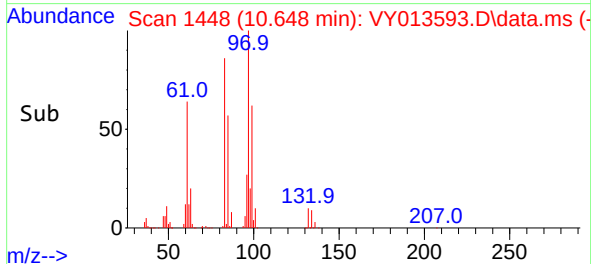
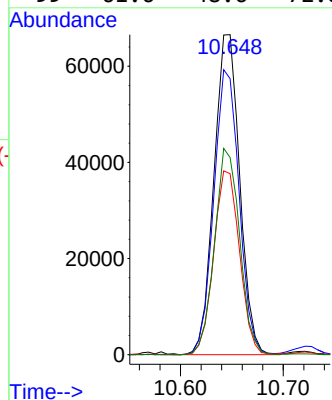
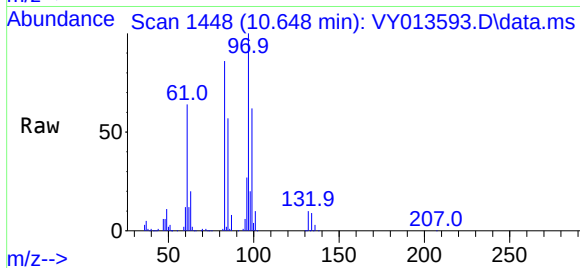


#55
1,1,2-Trichloroethane
Concen: 50.326 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 97 Resp: 115939

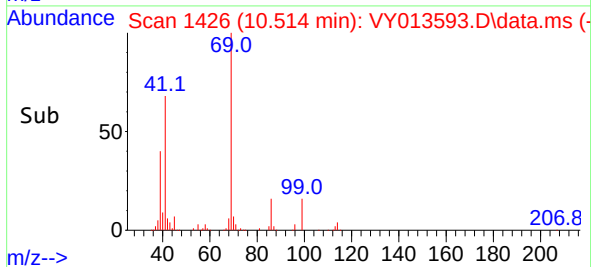
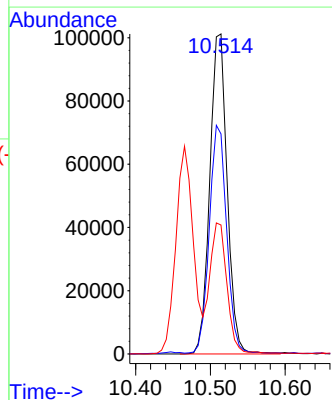
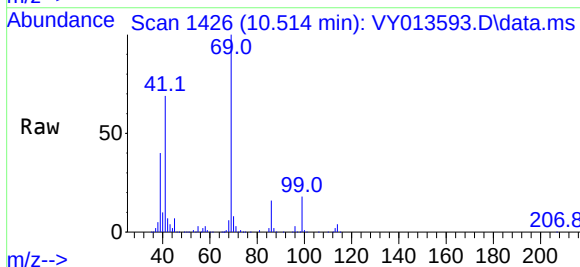
Ion	Ratio	Lower	Upper
97	100		
83	86.3	66.4	99.6
85	56.5	45.6	68.4
99	61.6	48.6	72.8

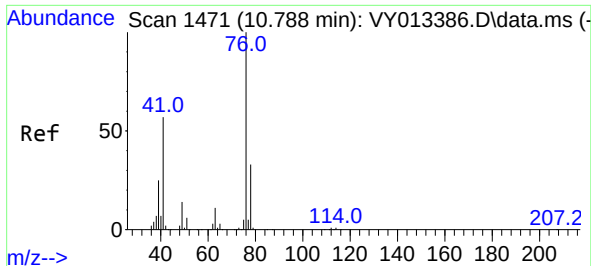


#56
Ethyl methacrylate
Concen: 51.097 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

Tgt Ion: 69 Resp: 163312

Ion	Ratio	Lower	Upper
69	100		
41	71.0	51.4	77.0
39	40.1	29.0	43.6





#57

1,3-Dichloropropane

Concen: 50.357 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013593.D

Acq: 04 May 2023 11:52

Instrument :

MSVOA_Y

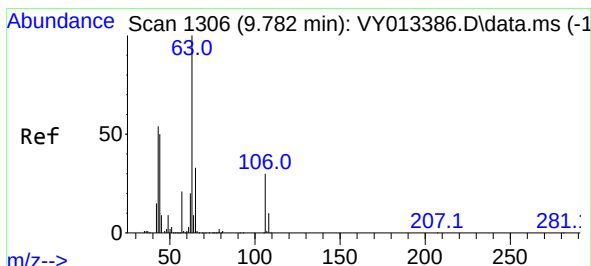
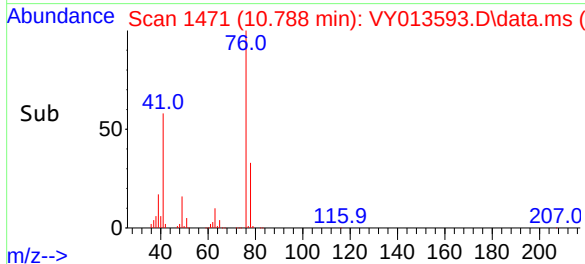
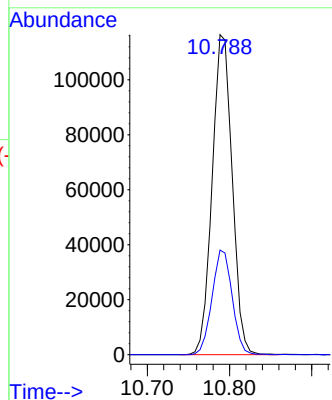
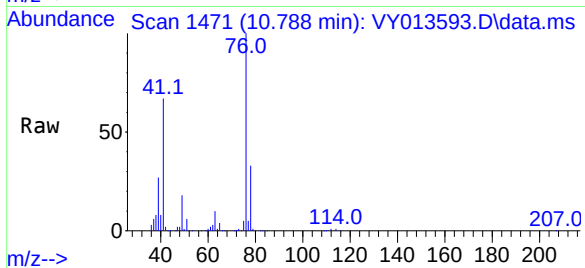
ClientSampleId :

Tgt Ion: 76 Resp: 196476

Ion Ratio Lower Upper

76 100

78 32.8 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 245.528 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY013593.D

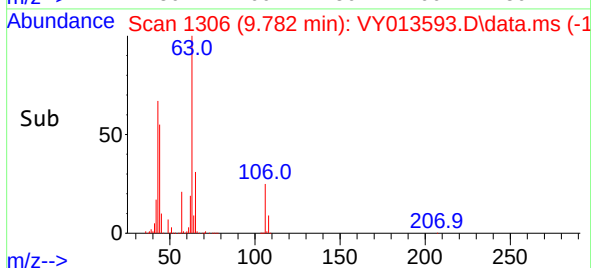
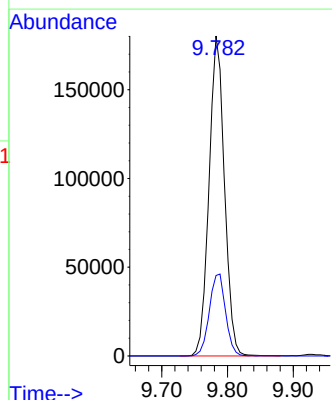
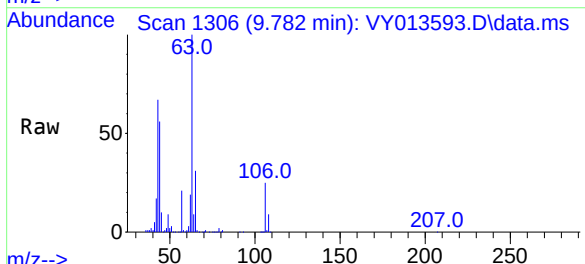
Acq: 04 May 2023 11:52

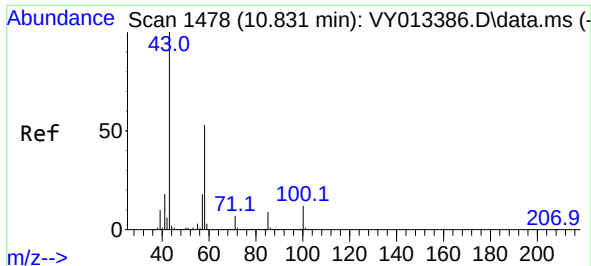
Tgt Ion: 63 Resp: 294266

Ion Ratio Lower Upper

63 100

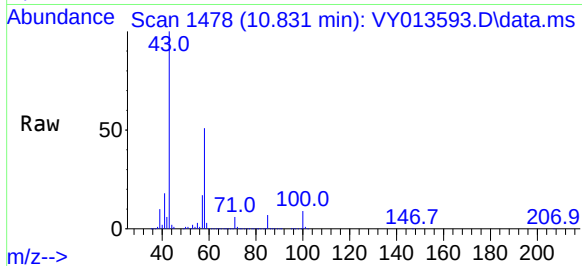
106 26.9 23.5 35.3



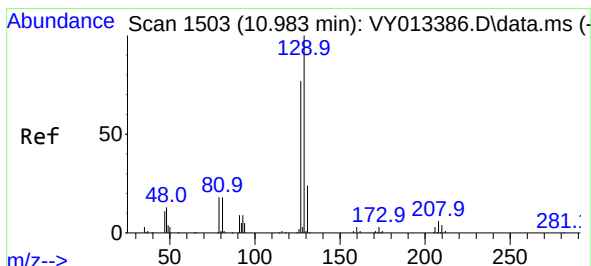
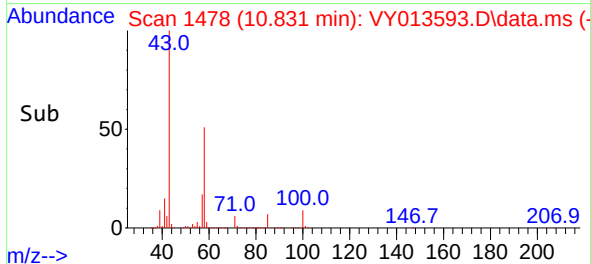
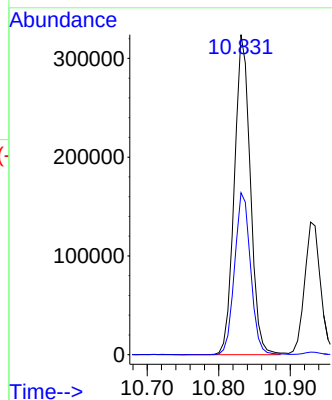


#59
2-Hexanone
Concen: 247.361 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

Instrument :
MSVOA_Y
ClientSampleId :

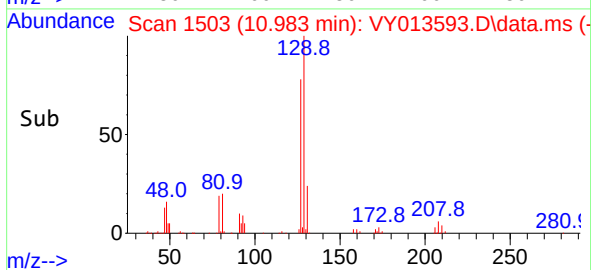
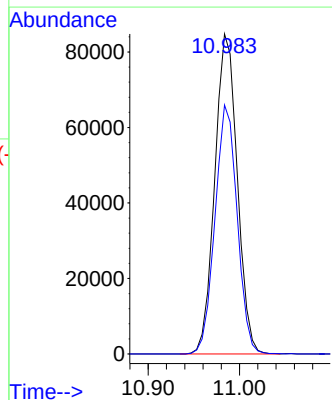
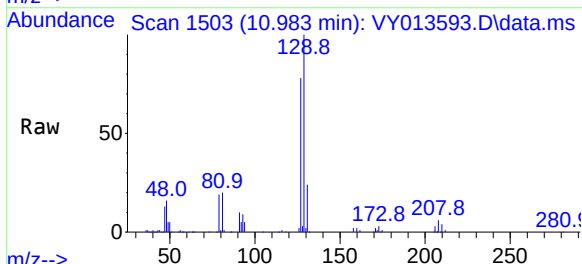


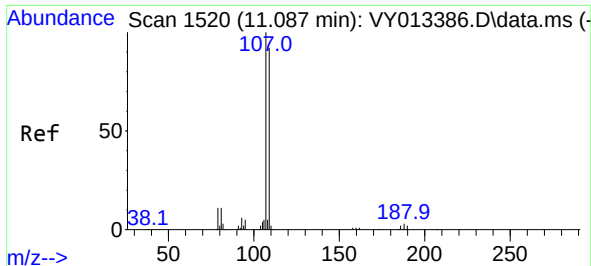
Tgt Ion: 43 Resp: 502418
Ion Ratio Lower Upper
43 100
58 50.6 26.3 78.8



#60
Dibromochloromethane
Concen: 51.852 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

Tgt Ion: 129 Resp: 145047
Ion Ratio Lower Upper
129 100
127 76.7 38.7 116.1

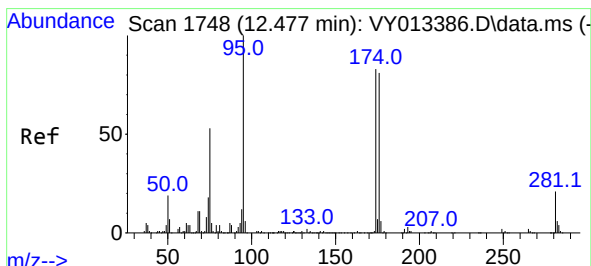
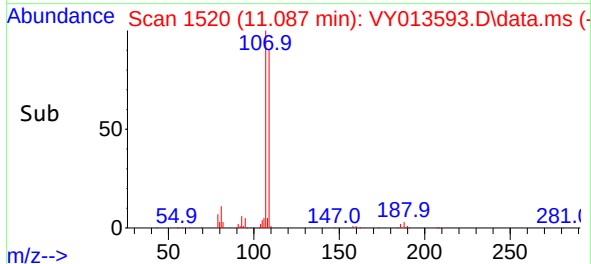
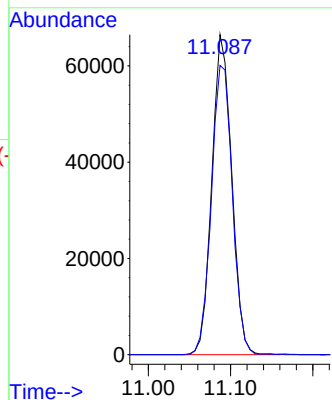
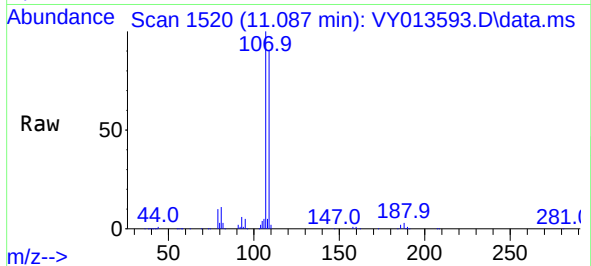




#61
1,2-Dibromoethane
Concen: 49.336 ug/l
RT: 11.087 min Scan# 111745
Delta R.T. 0.000 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

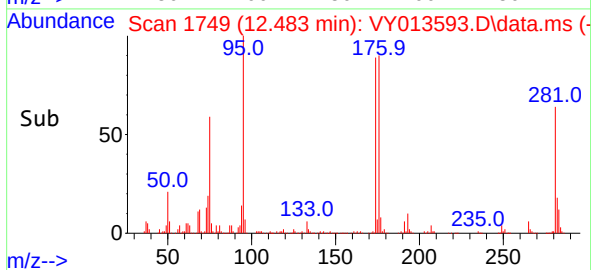
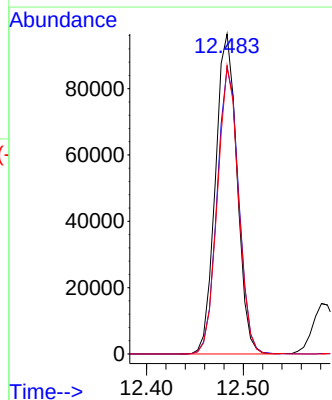
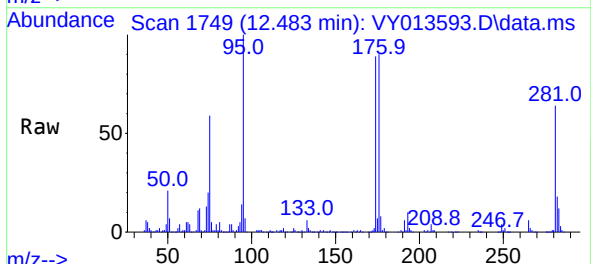
Instrument :
MSVOA_Y
ClientSampleId :

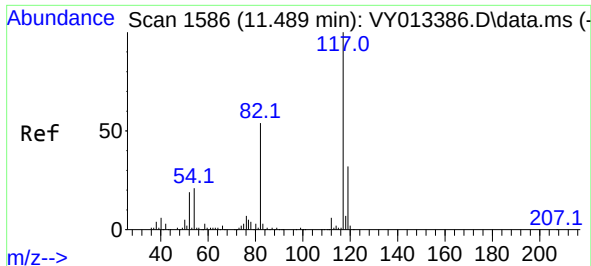
Tgt Ion:107 Resp: 111745
Ion Ratio Lower Upper
107 100
109 95.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.383 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

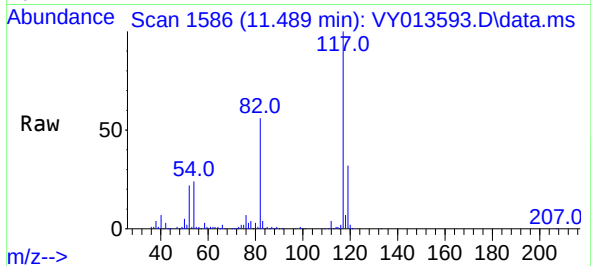
Tgt Ion: 95 Resp: 149428
Ion Ratio Lower Upper
95 100
174 89.5 0.0 182.0
176 87.6 0.0 175.4



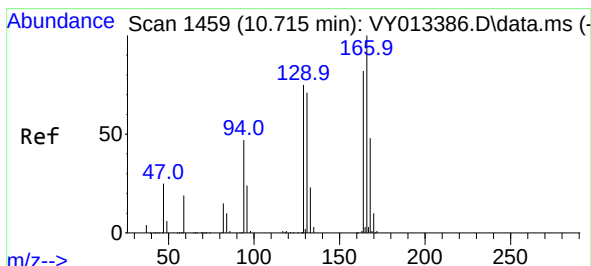
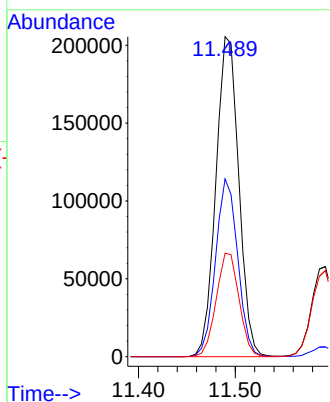
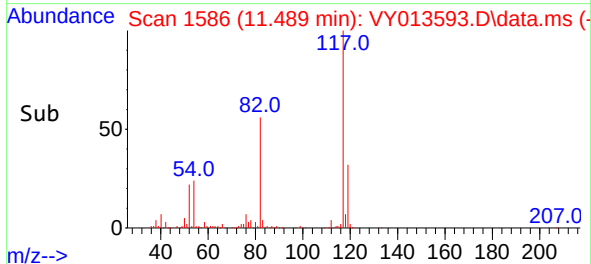


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

Instrument :
MSVOA_Y
ClientSampleId :

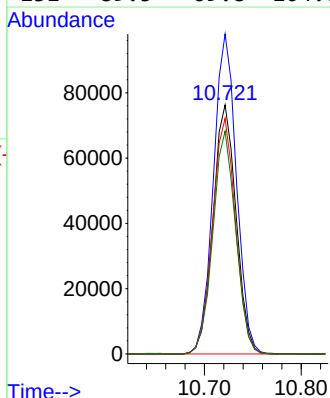
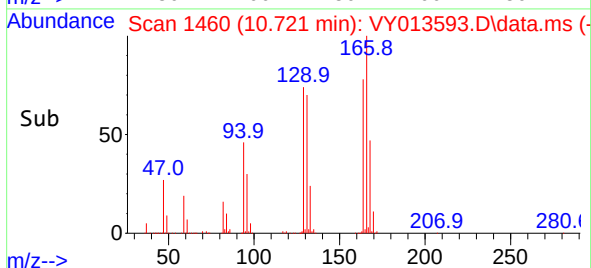
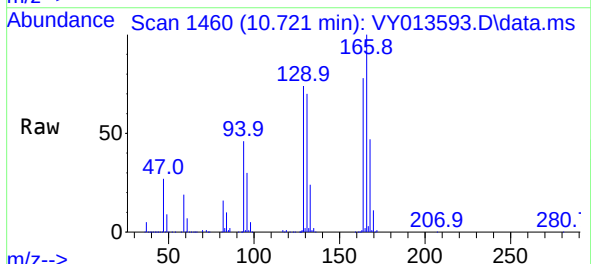


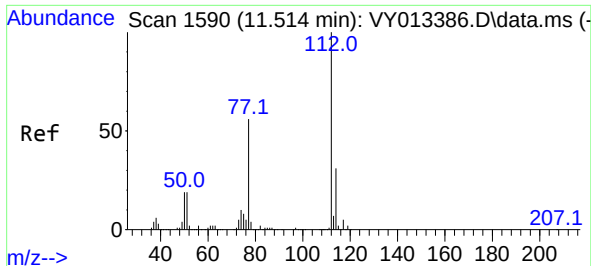
Tgt Ion:117 Resp: 337645
Ion Ratio Lower Upper
117 100
82 55.5 43.0 64.6
119 32.4 25.5 38.3



#64
Tetrachloroethene
Concen: 49.320 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

Tgt Ion:164 Resp: 126627
Ion Ratio Lower Upper
164 100
166 128.4 97.5 146.3
129 94.5 72.6 109.0
131 89.5 69.8 104.6

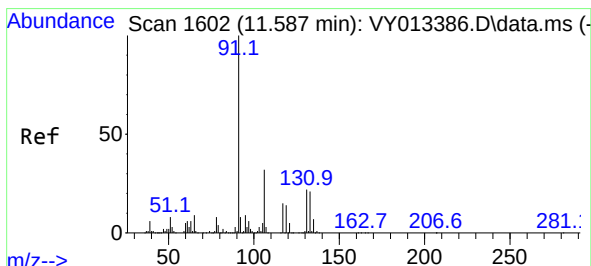
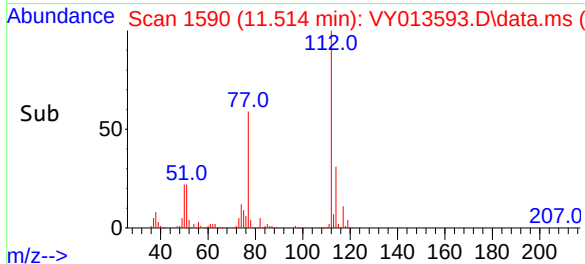
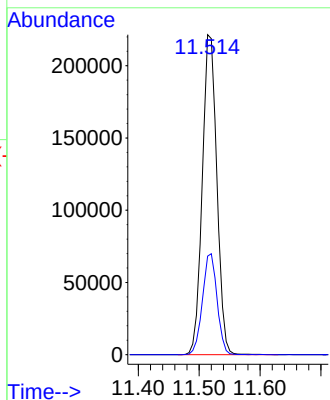
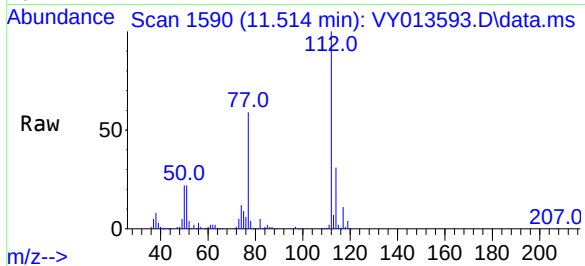




#65
Chlorobenzene
Concen: 50.020 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

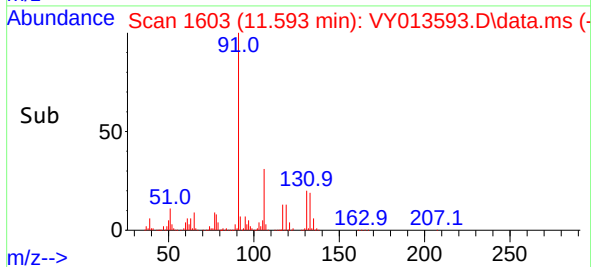
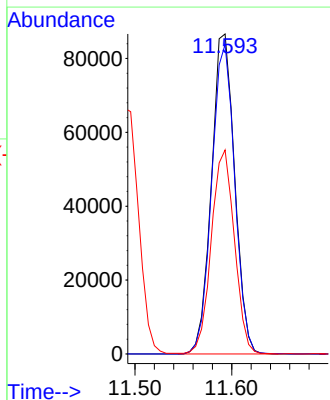
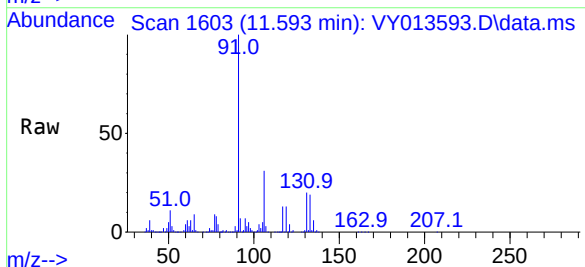
Instrument :
MSVOA_Y
ClientSampleId :

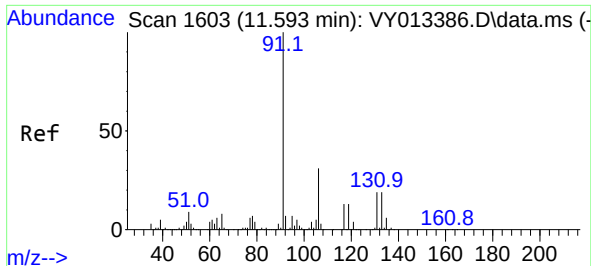
Tgt Ion:112 Resp: 367904
Ion Ratio Lower Upper
112 100
114 30.8 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 52.533 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

Tgt Ion:131 Resp: 144508
Ion Ratio Lower Upper
131 100
133 95.9 47.7 143.1
119 63.5 32.6 98.0





#67

Ethyl Benzene

Concen: 50.961 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY013593.D

Acq: 04 May 2023 11:52

Instrument :

MSVOA_Y

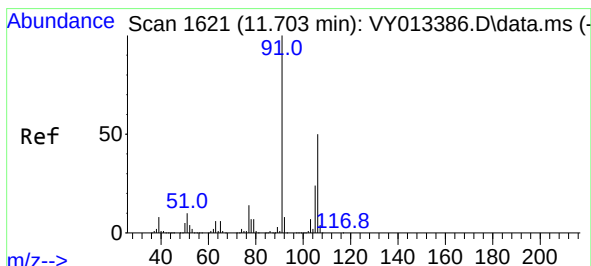
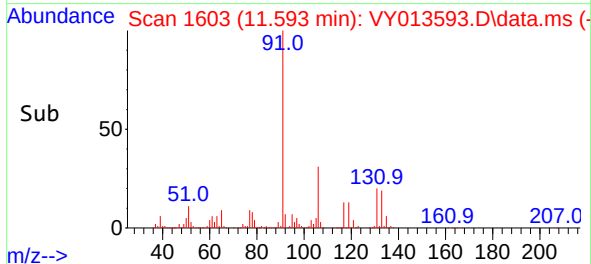
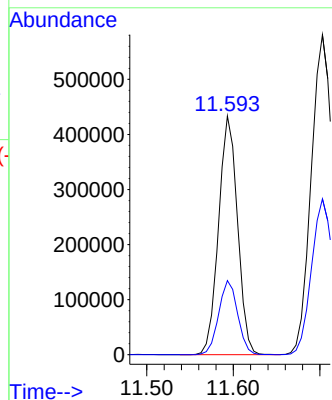
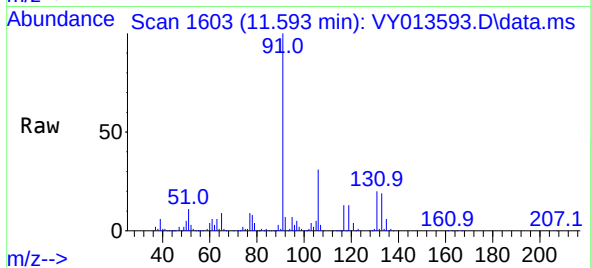
ClientSampleId :

Tgt Ion: 91 Resp: 658198

Ion Ratio Lower Upper

91 100

106 31.1 25.1 37.7



#68

m/p-Xylenes

Concen: 102.246 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY013593.D

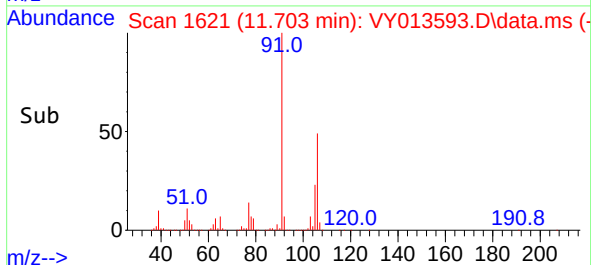
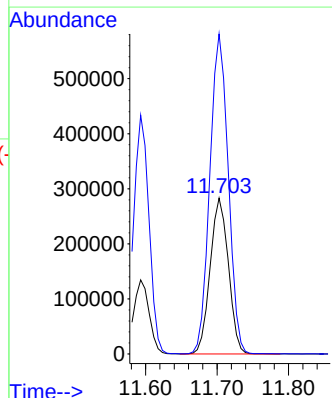
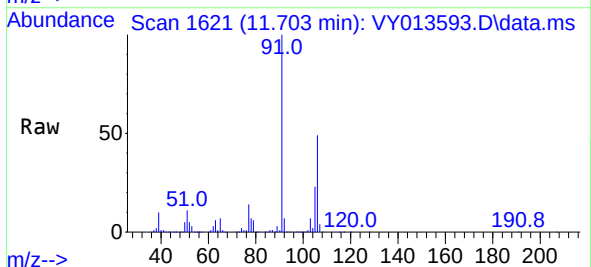
Acq: 04 May 2023 11:52

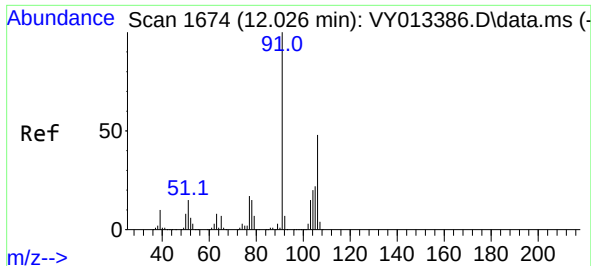
Tgt Ion: 106 Resp: 502024

Ion Ratio Lower Upper

106 100

91 206.8 160.9 241.3

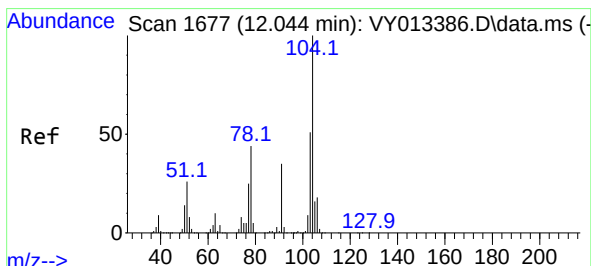
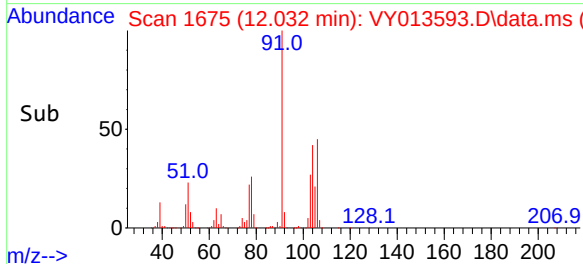
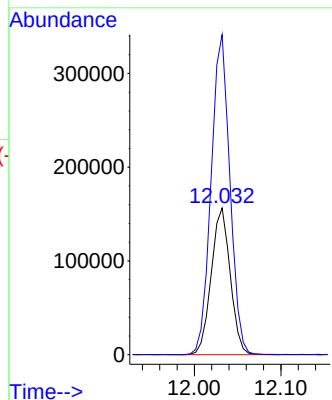
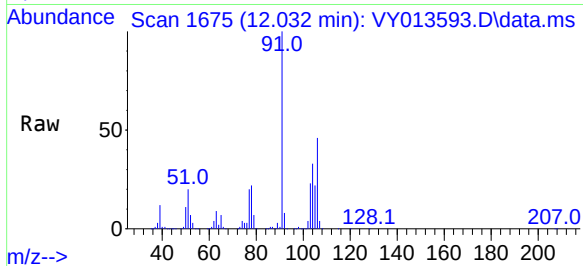




#69
o-Xylene
Concen: 51.288 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

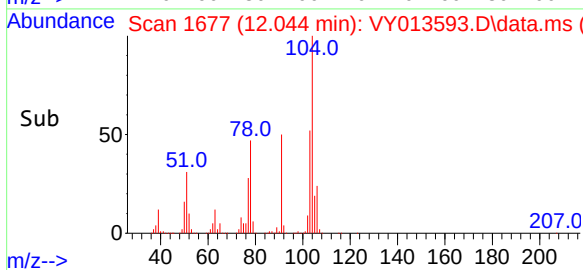
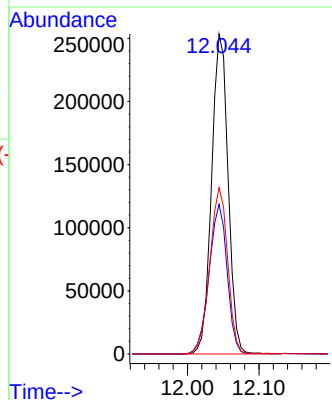
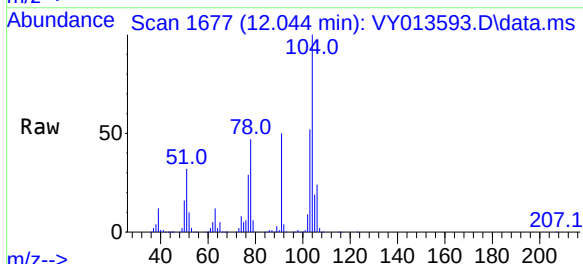
Instrument :
MSVOA_Y
ClientSampleId :

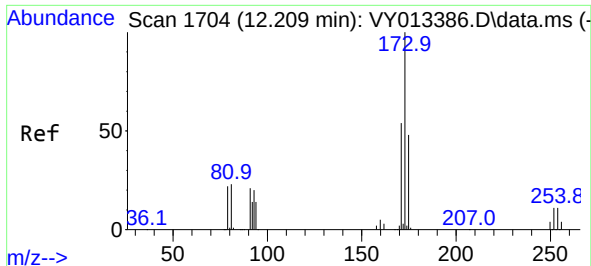
Tgt Ion:106 Resp: 238162
Ion Ratio Lower Upper
106 100
91 216.0 105.5 316.4



#70
Styrene
Concen: 52.348 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

Tgt Ion:104 Resp: 406440
Ion Ratio Lower Upper
104 100
78 50.9 40.3 60.5
103 56.4 45.0 67.4

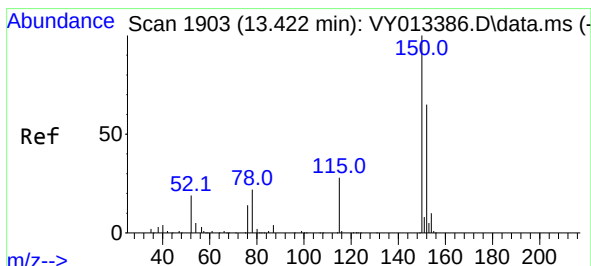
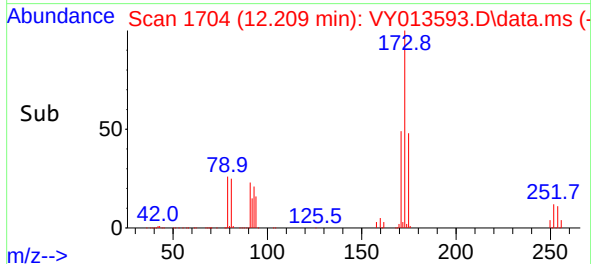
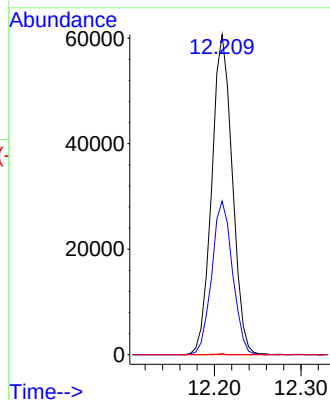
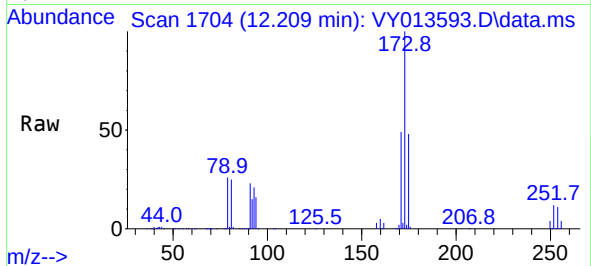




#71
Bromoform
Concen: 52.033 ug/l
RT: 12.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

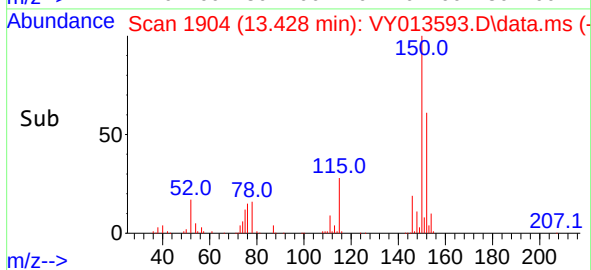
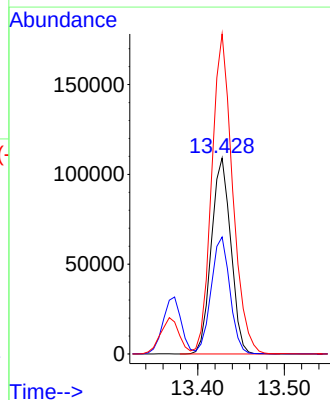
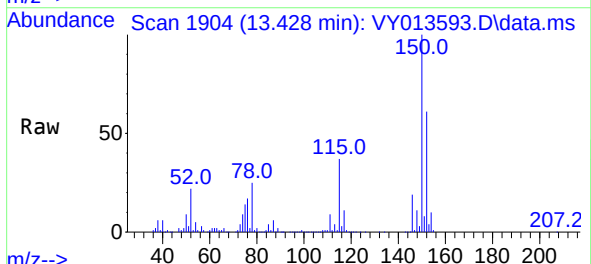
Instrument :
MSVOA_Y
ClientSampleId :

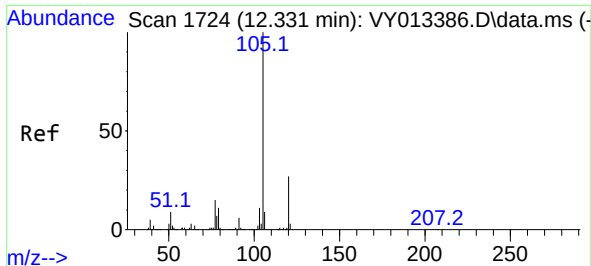
Tgt Ion:173 Resp: 100257
Ion Ratio Lower Upper
173 100
175 48.3 24.3 72.8
254 0.2 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

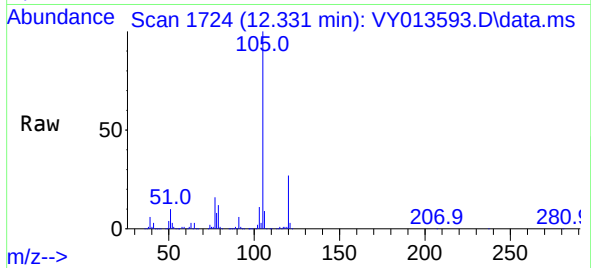
Tgt Ion:152 Resp: 170159
Ion Ratio Lower Upper
152 100
115 57.6 28.1 84.2
150 175.5 0.0 352.0



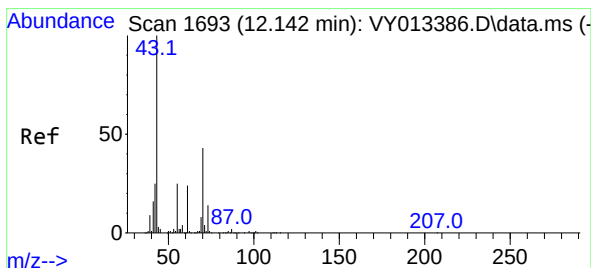
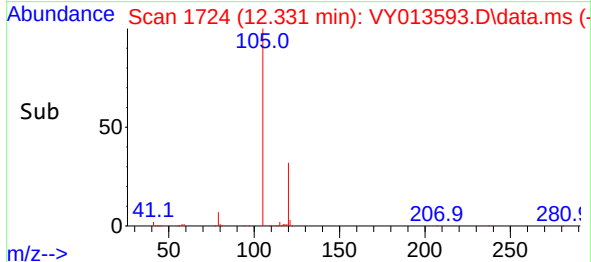
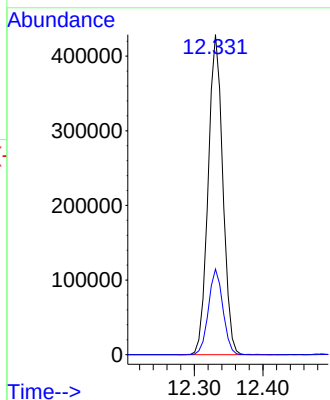


#73
Isopropylbenzene
Concen: 49.421 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

Instrument :
MSVOA_Y
ClientSampleId :

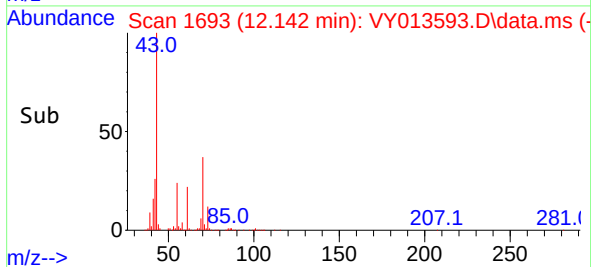
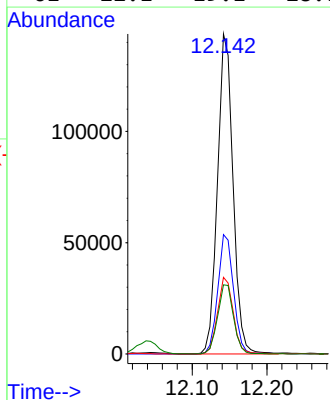
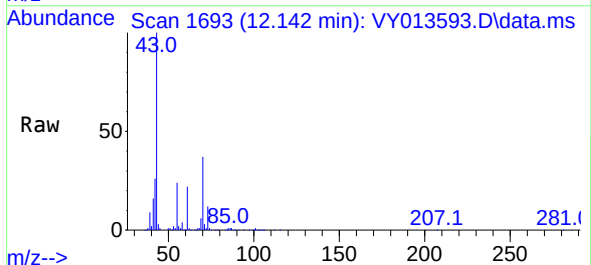


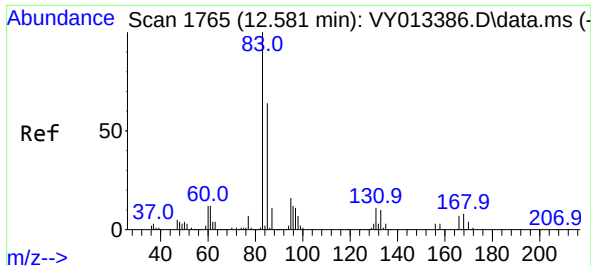
Tgt Ion:105 Resp: 636065
Ion Ratio Lower Upper
105 100
120 26.3 13.7 41.0



#74
N-ethyl acetate
Concen: 45.531 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

Tgt Ion: 43 Resp: 208531
Ion Ratio Lower Upper
43 100
70 37.8 33.0 49.4
55 24.2 19.8 29.6
61 22.1 19.1 28.7

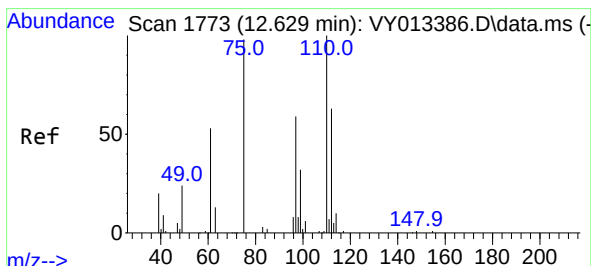
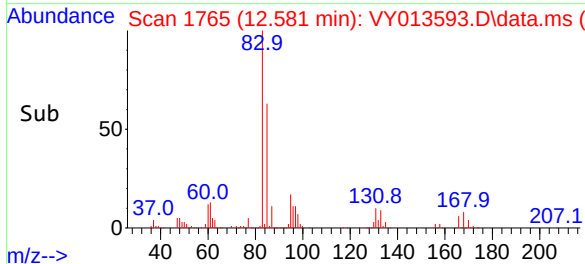
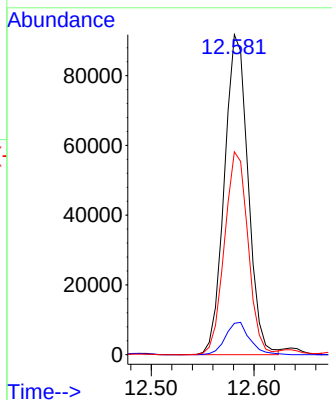
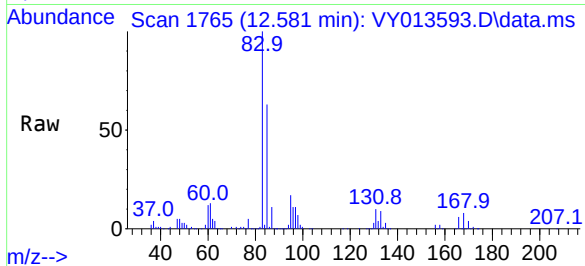




#75
1,1,2,2-Tetrachloroethane
Concen: 46.648 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

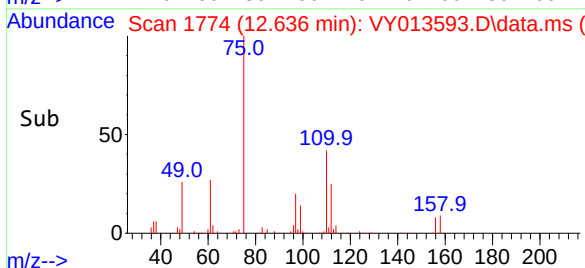
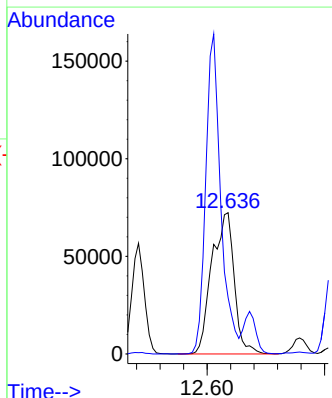
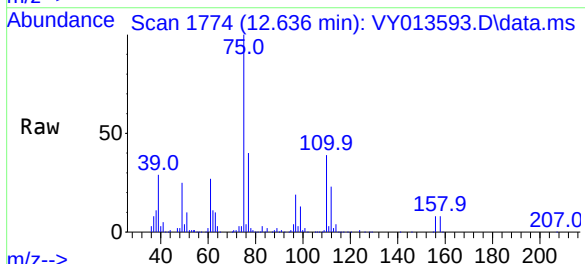
Instrument :
MSVOA_Y
ClientSampleId :

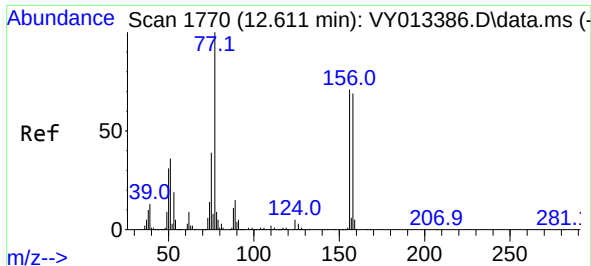
Tgt Ion: 83 Resp: 146747
Ion Ratio Lower Upper
83 100
131 10.4 5.7 17.0
85 63.0 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 83.398 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.007 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

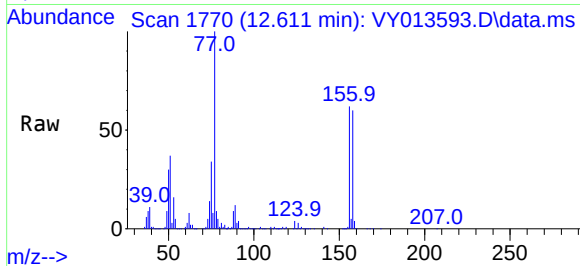
Tgt Ion: 75 Resp: 191382
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



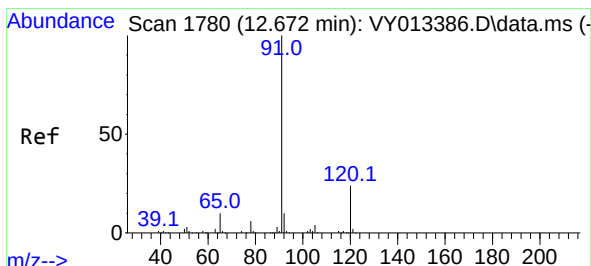
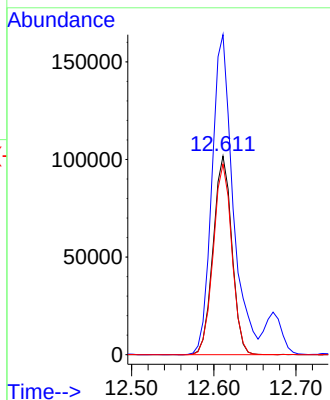
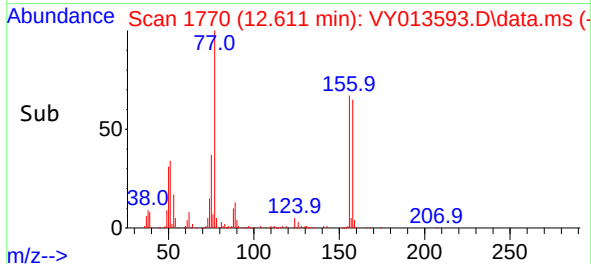


#77
Bromobenzene
Concen: 51.442 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

Instrument :
MSVOA_Y
ClientSampleId :

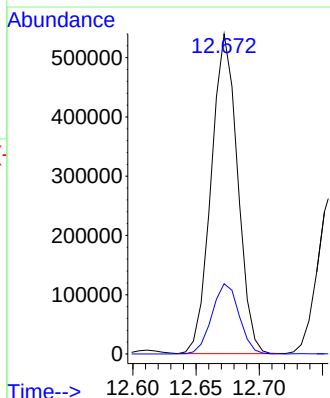
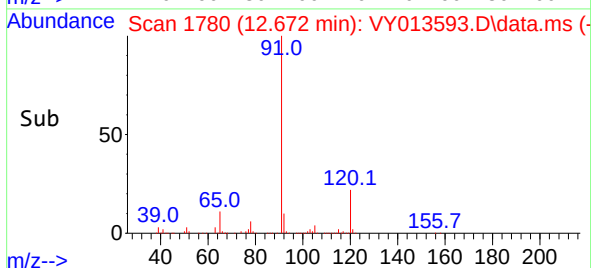
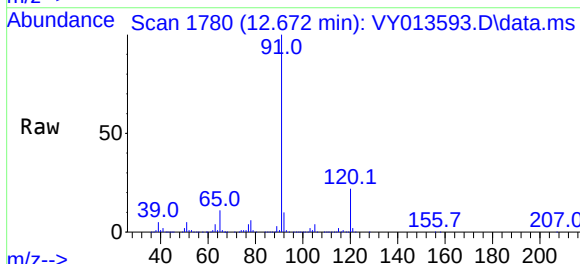


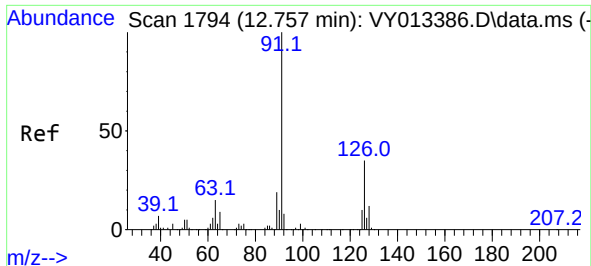
Tgt Ion:156 Resp: 160423
Ion Ratio Lower Upper
156 100
77 182.3 87.6 262.9
158 95.8 48.5 145.5



#78
n-propylbenzene
Concen: 49.376 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

Tgt Ion: 91 Resp: 782731
Ion Ratio Lower Upper
91 100
120 22.6 11.9 35.9

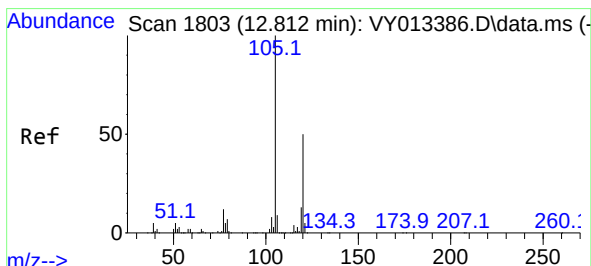
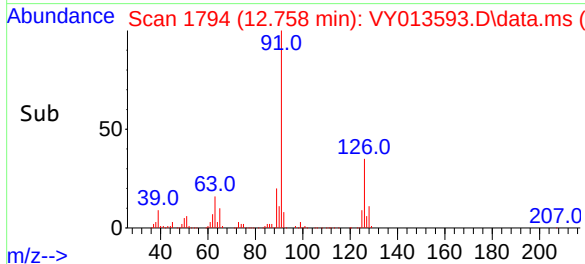
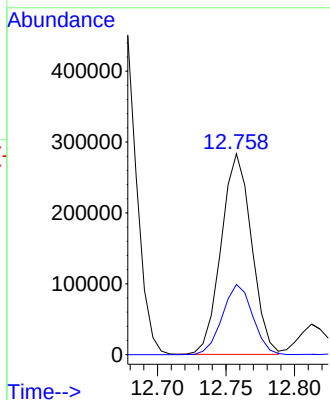
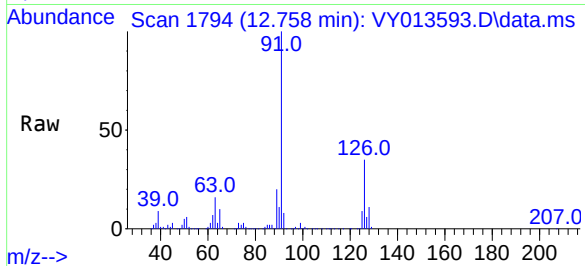




#79
2-Chlorotoluene
Concen: 49.387 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

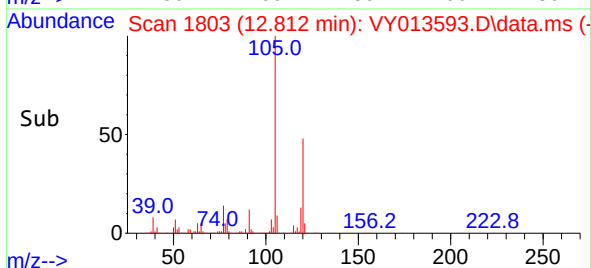
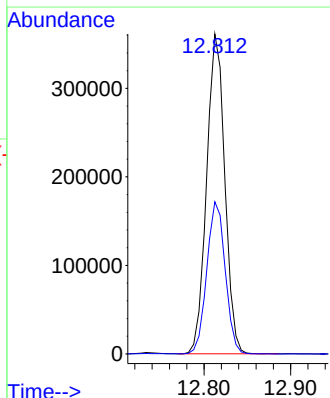
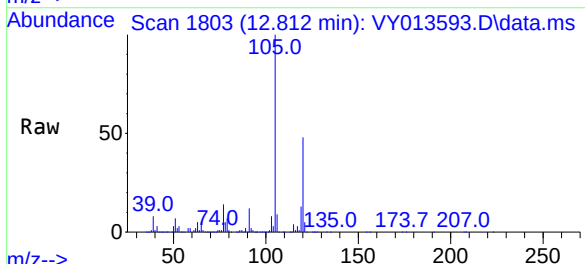
Instrument :
MSVOA_Y
ClientSampleId :

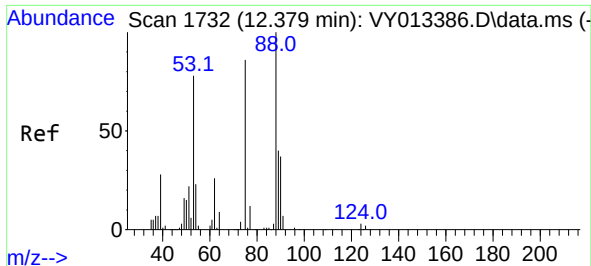
Tgt Ion: 91 Resp: 437206
Ion Ratio Lower Upper
91 100
126 34.9 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 50.128 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

Tgt Ion:105 Resp: 526580
Ion Ratio Lower Upper
105 100
120 48.2 24.7 74.1

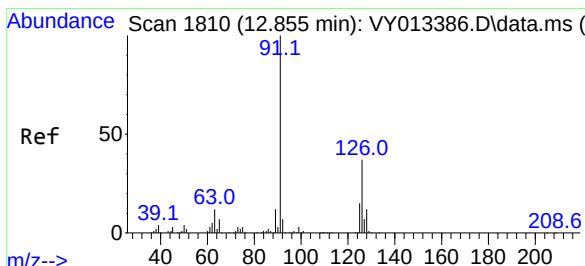
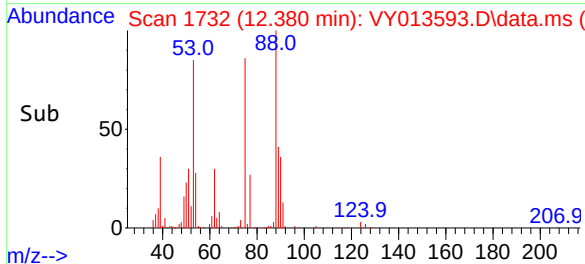
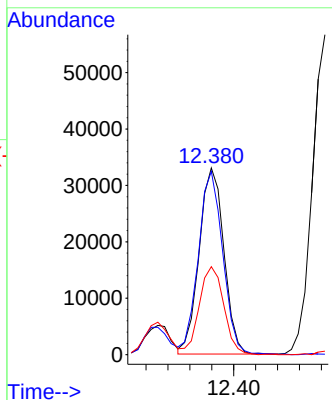
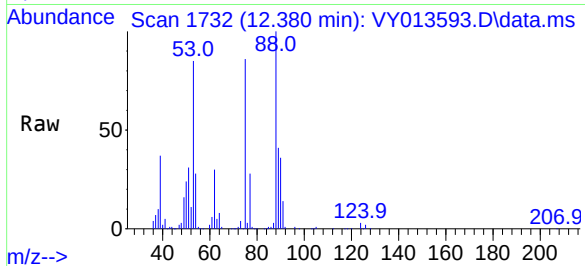




#81
trans-1,4-Dichloro-2-butene
Concen: 46.072 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

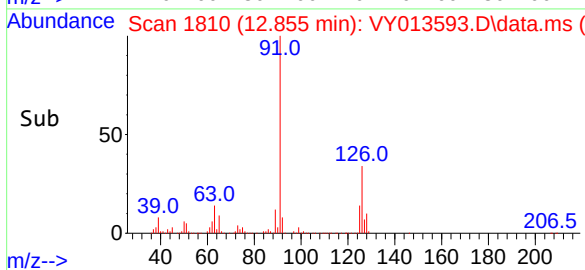
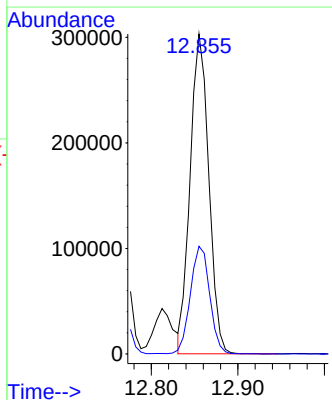
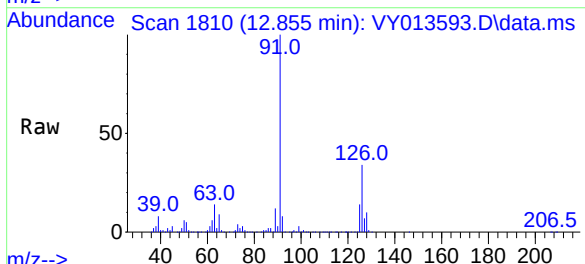
Instrument :
MSVOA_Y
ClientSampleId :

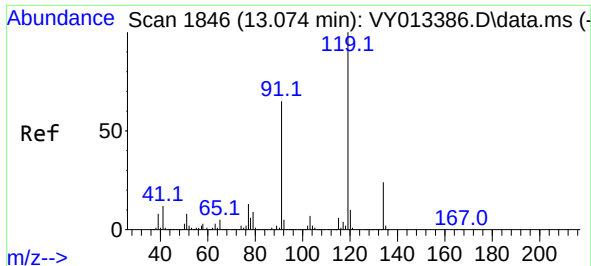
Tgt Ion: 75 Resp: 51686
Ion Ratio Lower Upper
75 100
53 97.9 73.2 109.8
89 47.3 38.0 57.0



#82
4-Chlorotoluene
Concen: 49.119 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

Tgt Ion: 91 Resp: 453213
Ion Ratio Lower Upper
91 100
126 35.1 17.9 53.8

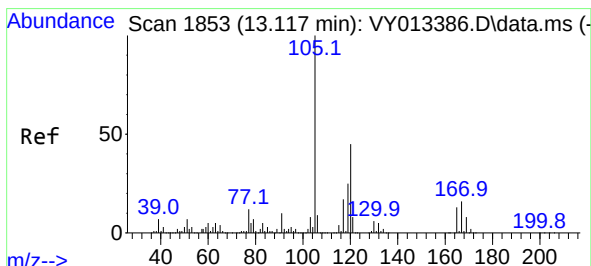
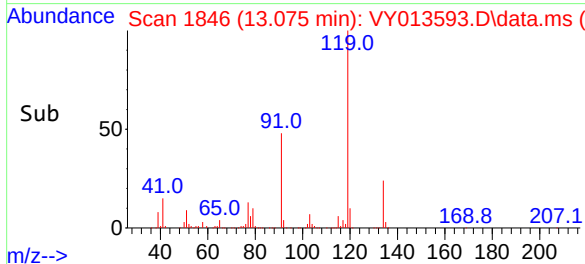
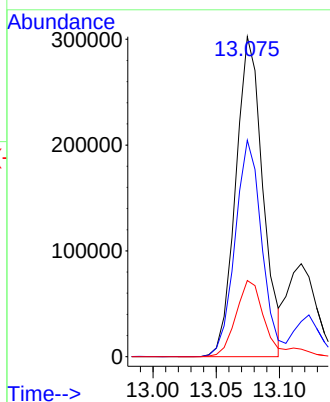
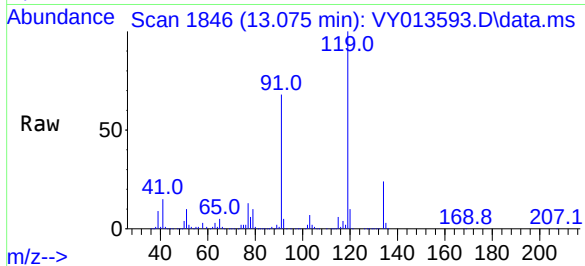




#83
tert-Butylbenzene
Concen: 49.753 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.001 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

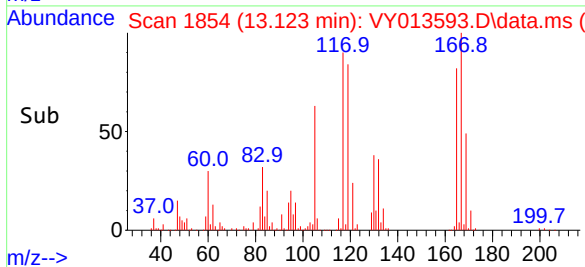
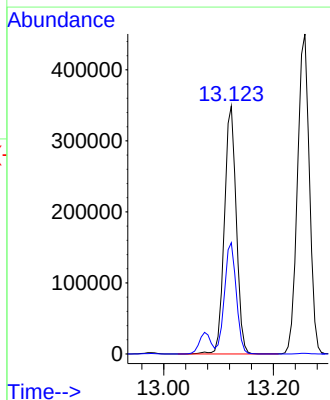
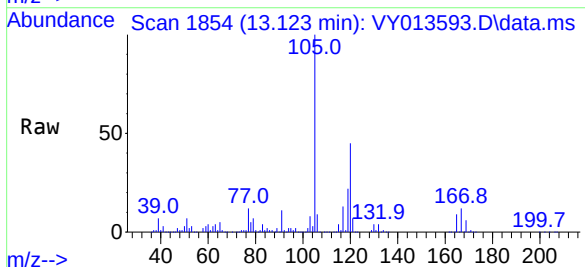
Instrument :
MSVOA_Y
ClientSampleId :

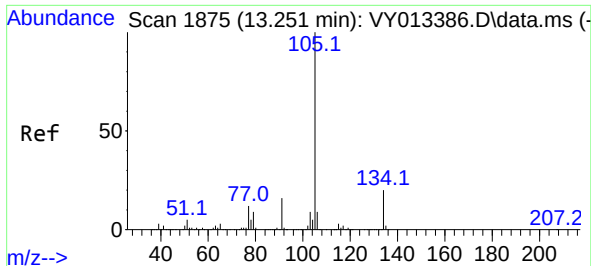
Tgt Ion:119 Resp: 452796
Ion Ratio Lower Upper
119 100
91 66.8 32.2 96.6
134 26.2 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 51.625 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

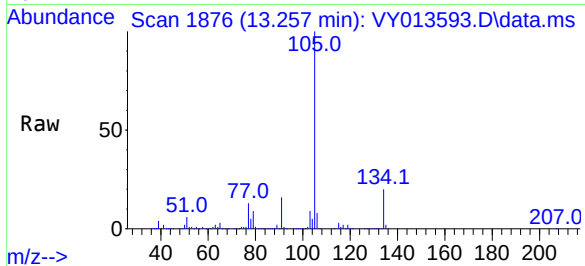
Tgt Ion:105 Resp: 527241
Ion Ratio Lower Upper
105 100
120 44.6 22.3 66.9



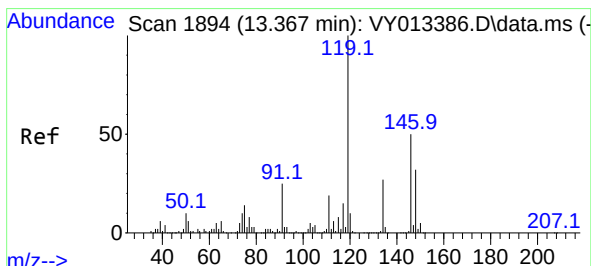
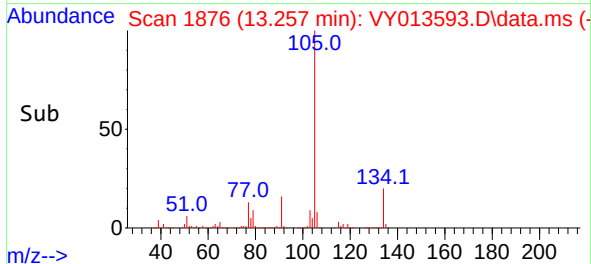
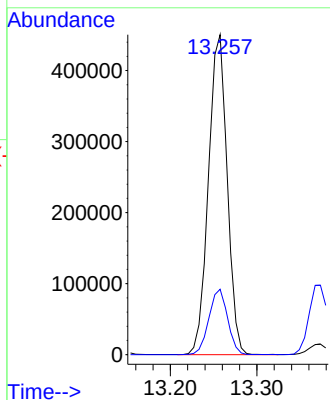


#85
 sec-Butylbenzene
 Concen: 49.552 ug/l
 RT: 13.257 min Scan# 1875
 Delta R.T. 0.006 min
 Lab File: VY013593.D
 Acq: 04 May 2023 11:52

Instrument :
 MSVOA_Y
 ClientSampleId :

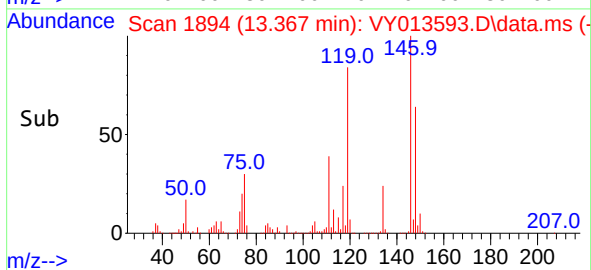
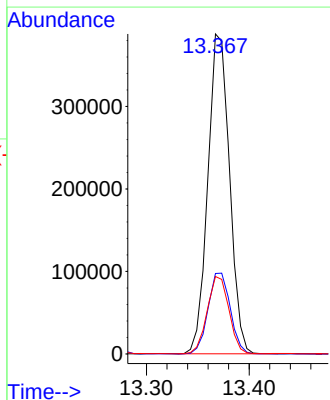
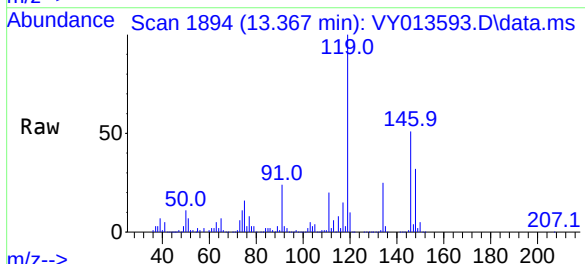


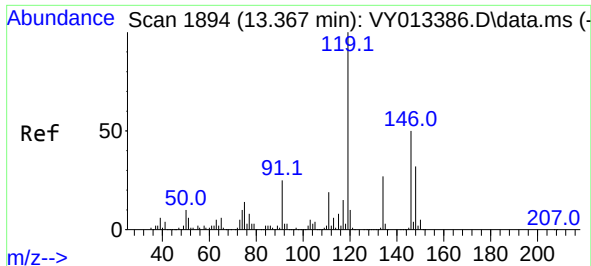
Tgt Ion:105 Resp: 676819
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 51.767 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY013593.D
 Acq: 04 May 2023 11:52

Tgt Ion:119 Resp: 568610
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.4 40.2
 91 24.2 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 50.603 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013593.D

Acq: 04 May 2023 11:52

Instrument :

MSVOA_Y

ClientSampleId :

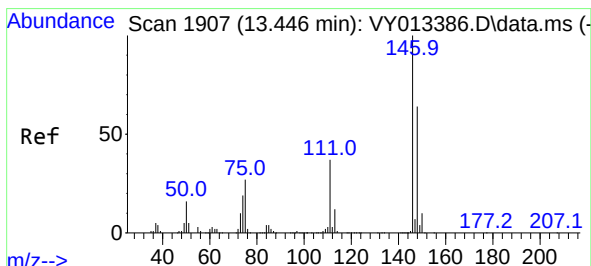
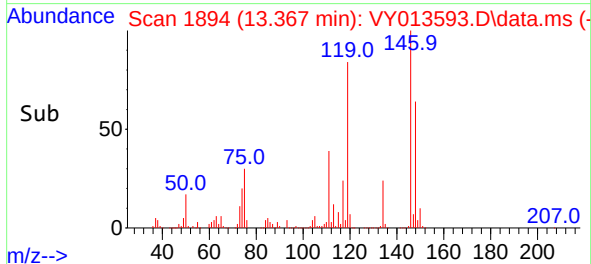
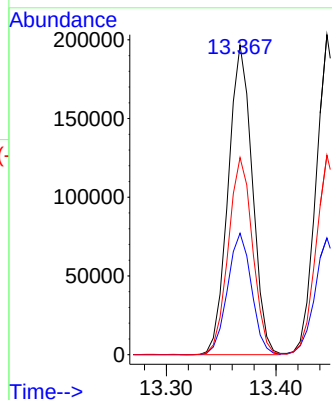
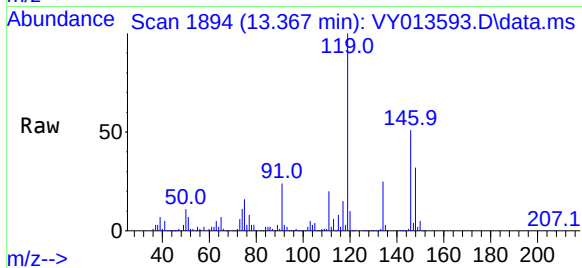
Tgt Ion:146 Resp: 300646

Ion Ratio Lower Upper

146 100

111 39.0 19.3 57.9

148 64.0 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 50.149 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY013593.D

Acq: 04 May 2023 11:52

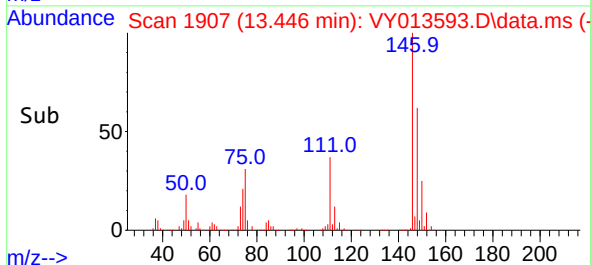
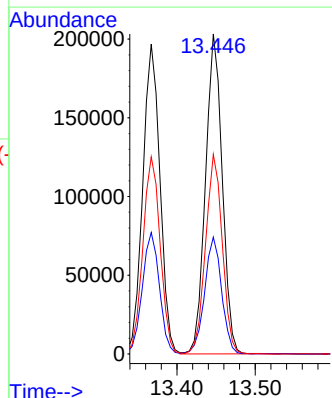
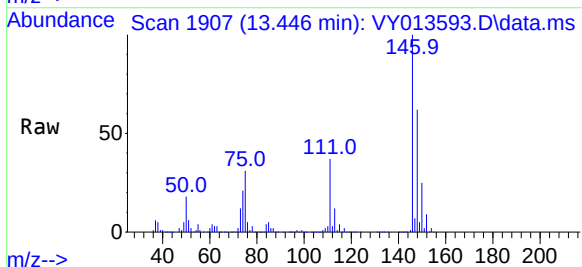
Tgt Ion:146 Resp: 300973

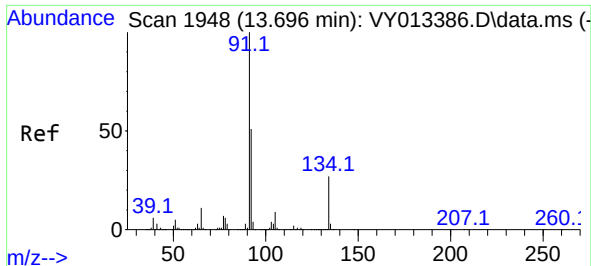
Ion Ratio Lower Upper

146 100

111 37.1 18.9 56.5

148 62.7 31.9 95.5





#89

n-Butylbenzene

Concen: 50.556 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013593.D

Acq: 04 May 2023 11:52

Instrument :

MSVOA_Y

ClientSampleId :

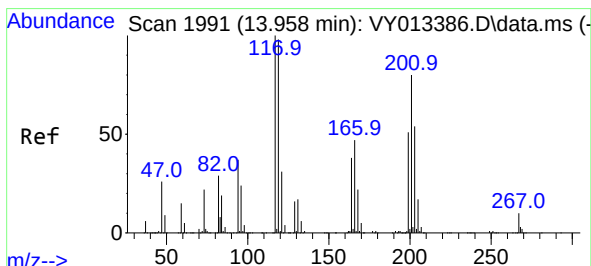
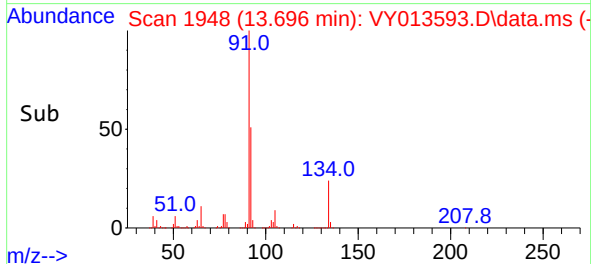
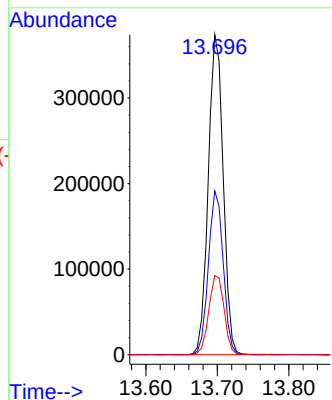
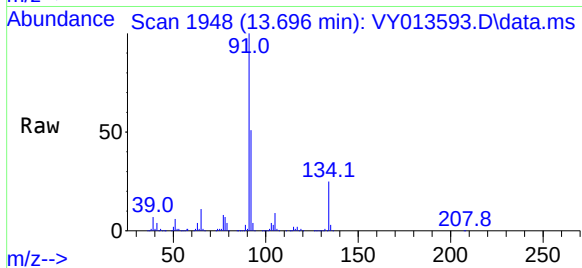
Tgt Ion: 91 Resp: 541986

Ion Ratio Lower Upper

91 100

92 50.7 25.8 77.3

134 25.3 13.5 40.4



#90

Hexachloroethane

Concen: 48.686 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.007 min

Lab File: VY013593.D

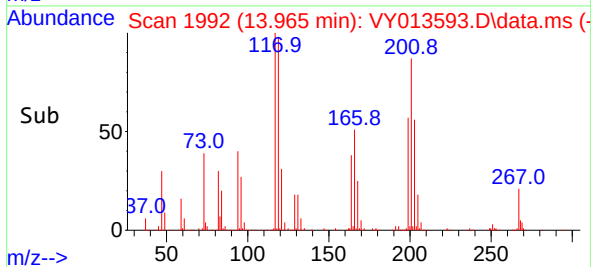
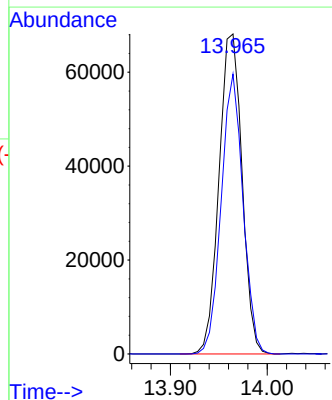
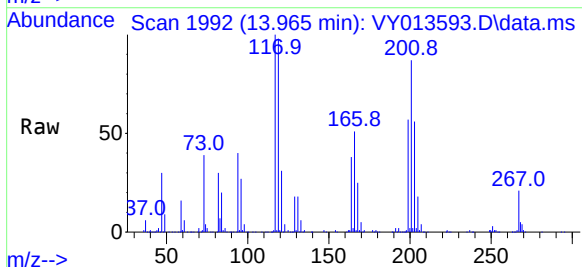
Acq: 04 May 2023 11:52

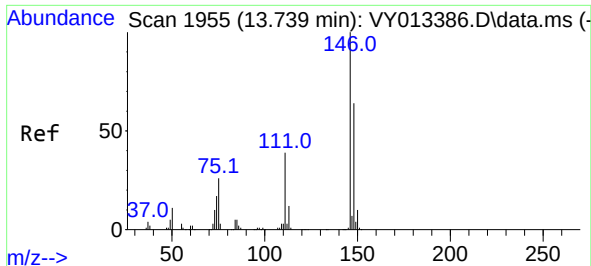
Tgt Ion: 117 Resp: 112549

Ion Ratio Lower Upper

117 100

201 82.7 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 50.880 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013593.D

Acq: 04 May 2023 11:52

Instrument :

MSVOA_Y

ClientSampleId :

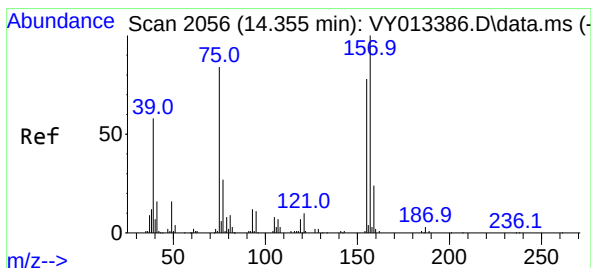
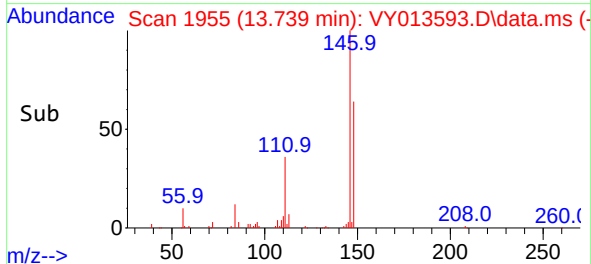
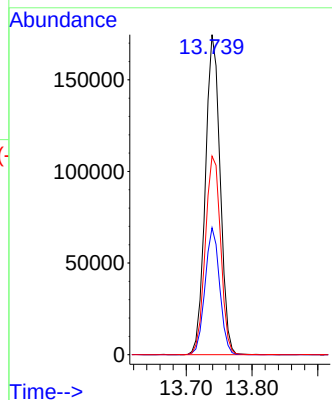
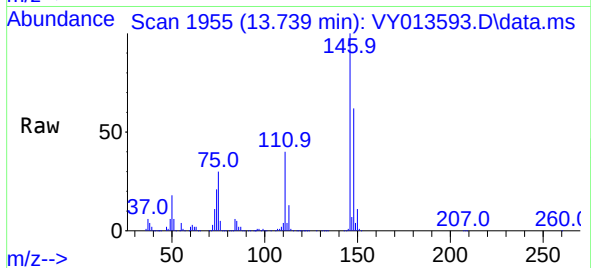
Tgt Ion:146 Resp: 272979

Ion Ratio Lower Upper

146 100

111 39.1 19.8 59.4

148 64.5 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.317 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY013593.D

Acq: 04 May 2023 11:52

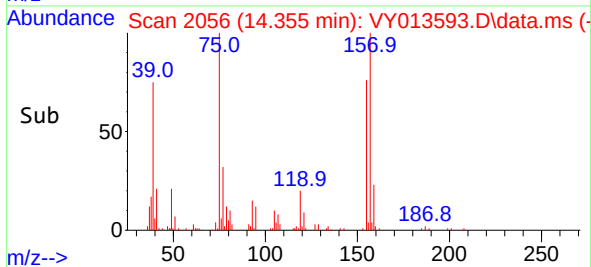
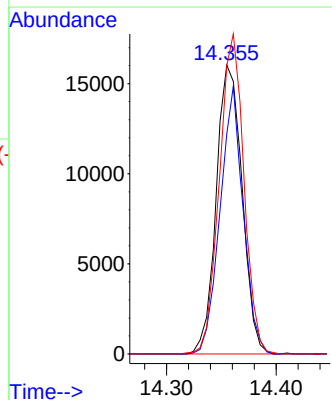
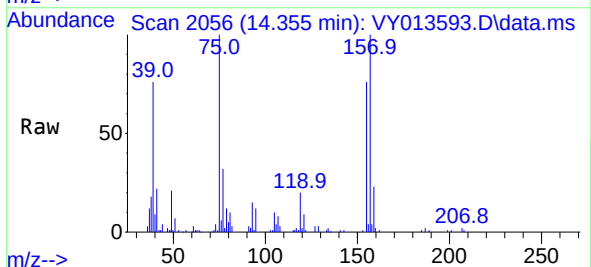
Tgt Ion: 75 Resp: 26289

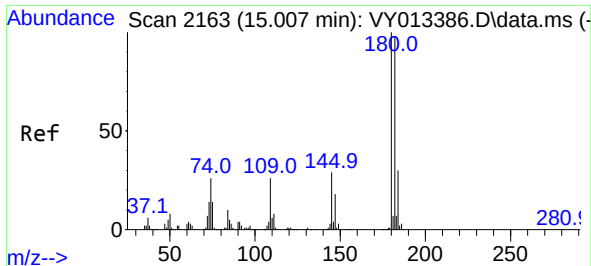
Ion Ratio Lower Upper

75 100

155 82.6 44.6 134.0

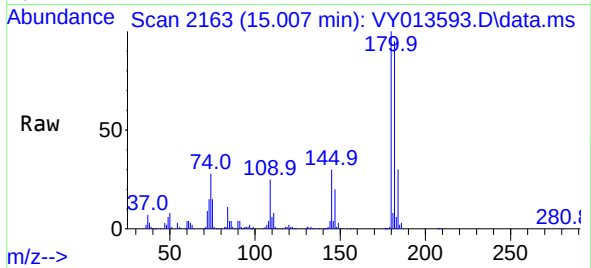
157 105.2 57.6 172.7



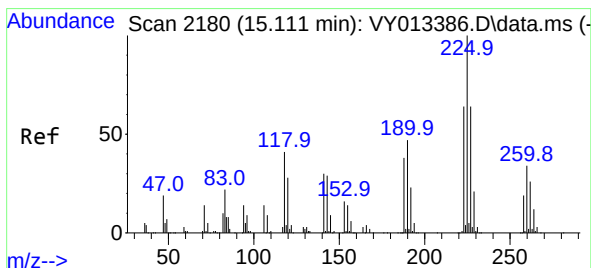
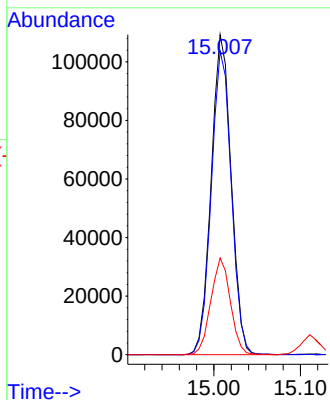
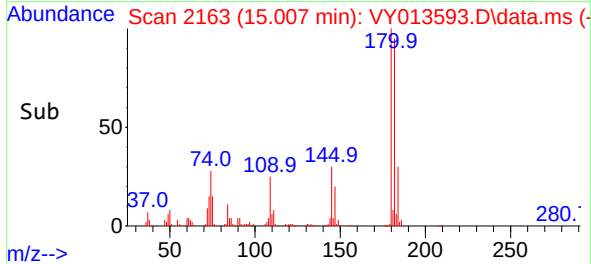


#93
1,2,4-Trichlorobenzene
Concen: 54.838 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

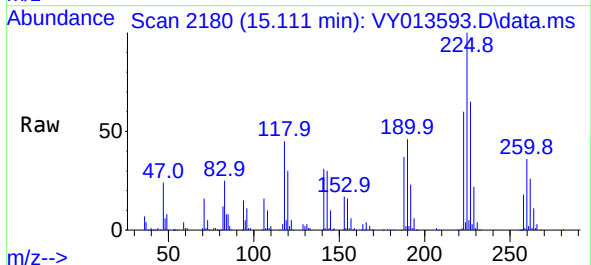
Instrument :
MSVOA_Y
ClientSampleId :



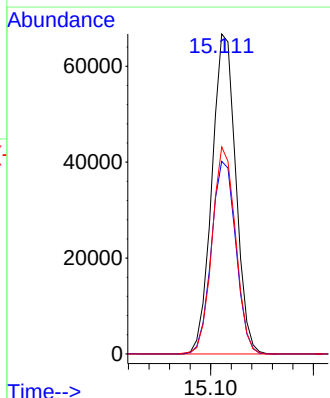
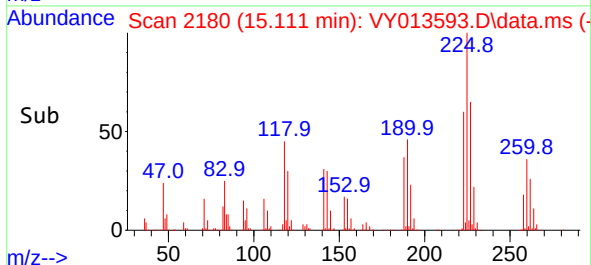
Tgt Ion:180 Resp: 175411
Ion Ratio Lower Upper
180 100
182 94.7 48.5 145.5
145 29.6 15.0 45.0

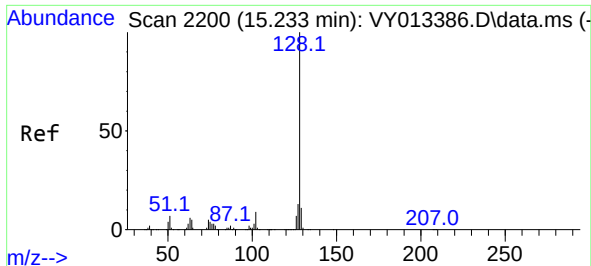


#94
Hexachlorobutadiene
Concen: 57.702 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52



Tgt Ion:225 Resp: 107418
Ion Ratio Lower Upper
225 100
223 61.8 31.4 94.2
227 63.6 32.0 96.0

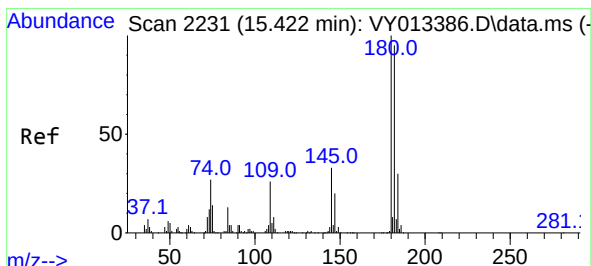
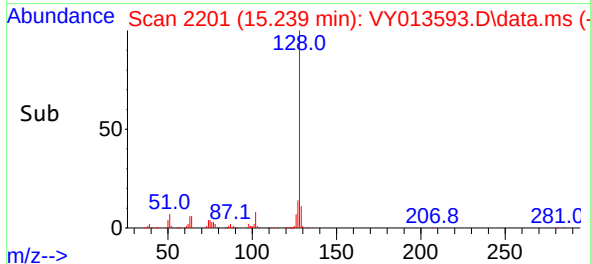
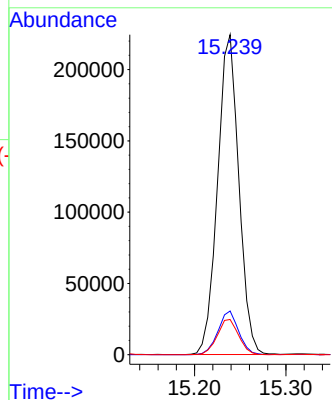
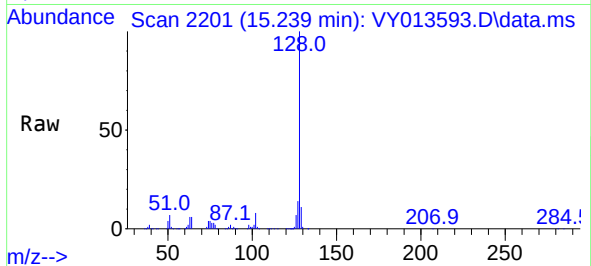




#95
Naphthalene
Concen: 52.288 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 362897
Ion Ratio Lower Upper
128 100
127 13.3 10.7 16.1
129 11.1 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 55.804 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY013593.D
Acq: 04 May 2023 11:52

Tgt Ion:180 Resp: 159097
Ion Ratio Lower Upper
180 100
182 94.9 47.1 141.3
145 31.7 15.9 47.7

