

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011623\
 Data File : VY012211.D
 Acq On : 16 Jan 2023 19:51
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 17 04:52:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	195049	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	305935	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	287205	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	144878	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	82496	51.114	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.220%	
35) Dibromofluoromethane	7.716	113	76168	47.019	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 94.040%	
50) Toluene-d8	10.179	98	277851	49.457	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.920%	
62) 4-Bromofluorobenzene	12.483	95	107640	47.136	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.280%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	76133	44.665	ug/l	97
3) Chloromethane	2.113	50	80740	51.310	ug/l	99
4) Vinyl Chloride	2.253	62	90775	49.423	ug/l	99
5) Bromomethane	2.650	94	72098	50.773	ug/l	95
6) Chloroethane	2.796	64	59324	49.526	ug/l	99
7) Trichlorofluoromethane	3.125	101	163879	45.717	ug/l	98
8) Diethyl Ether	3.527	74	55001	51.564	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.899	101	82569	47.327	ug/l	96
10) Methyl Iodide	4.094	142	125436	47.311	ug/l	96
11) Tert butyl alcohol	4.948	59	44322	230.030	ug/l	99
12) 1,1-Dichloroethene	3.875	96	86977	48.552	ug/l	95
13) Acrolein	3.729	56	16639	229.421	ug/l	98
14) Allyl chloride	4.479	41	117087	52.861	ug/l #	89
15) Acrylonitrile	5.161	53	124717	267.682	ug/l	99
16) Acetone	3.948	43	118046	217.346	ug/l	98
17) Carbon Disulfide	4.198	76	265587	47.931	ug/l	99
18) Methyl Acetate	4.479	43	66005	54.310	ug/l #	89
19) Methyl tert-butyl Ether	5.222	73	260358	52.137	ug/l	95
20) Methylene Chloride	4.716	84	110428	48.279	ug/l	90
21) trans-1,2-Dichloroethene	5.216	96	100340	50.194	ug/l	90
22) Diisopropyl ether	6.118	45	241034	54.583	ug/l #	91
23) Vinyl Acetate	6.057	43	747682	271.715	ug/l	95
24) 1,1-Dichloroethane	6.015	63	159562	52.094	ug/l	98
25) 2-Butanone	6.984	43	152362	254.105	ug/l	91
26) 2,2-Dichloropropane	6.978	77	160334	48.220	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	113335	51.614	ug/l	94
28) Bromochloromethane	7.332	49	34164	51.072	ug/l #	79
29) Tetrahydrofuran	7.350	42	90250	274.020	ug/l #	85
30) Chloroform	7.508	83	186204	51.499	ug/l	99
31) Cyclohexane	7.783	56	133215	46.843	ug/l	94
32) 1,1,1-Trichloroethane	7.704	97	172122	48.085	ug/l	98
36) 1,1-Dichloropropene	7.917	75	128721	46.755	ug/l	98
37) Ethyl Acetate	7.076	43	63069	51.965	ug/l #	95
38) Carbon Tetrachloride	7.899	117	159921	44.977	ug/l	95
39) Methylcyclohexane	9.179	83	161488	47.999	ug/l	95
40) Benzene	8.161	78	391335	49.249	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	87276	122.339	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	126063	49.833	ug/l	99
43) Isopropyl Acetate	8.271	43	119014	52.707	ug/l	96
44) Trichloroethene	8.941	130	115216	48.511	ug/l	98
45) 1,2-Dichloropropane	9.215	63	86169	51.970	ug/l	99
46) Dibromomethane	9.307	93	57215	51.545	ug/l	97
47) Bromodichloromethane	9.496	83	141881	50.779	ug/l	98
48) Methyl methacrylate	9.289	41	55151	53.009	ug/l	91
49) 1,4-Dioxane	9.295	88	15876	1049.652	ug/l #	87
51) 4-Methyl-2-Pentanone	10.069	43	319970	265.746	ug/l	96
52) Toluene	10.246	92	262806	49.673	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	147613	50.507	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	161668	51.364	ug/l	100
55) 1,1,2-Trichloroethane	10.642	97	82073	52.042	ug/l	98
56) Ethyl methacrylate	10.508	69	109360	52.857	ug/l	96
57) 1,3-Dichloropropane	10.788	76	134130	52.078	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	170702	249.347	ug/l	91
59) 2-Hexanone	10.831	43	236251	257.719	ug/l	96
60) Dibromochloromethane	10.983	129	106385	50.861	ug/l	99
61) 1,2-Dibromoethane	11.087	107	79245	52.075	ug/l	98
64) Tetrachloroethene	10.721	164	131171	50.052	ug/l	96
65) Chlorobenzene	11.514	112	285326	48.555	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	109106	49.190	ug/l	98
67) Ethyl Benzene	11.593	91	504002	47.990	ug/l	98
68) m/p-Xylenes	11.703	106	399531	96.217	ug/l	99
69) o-Xylene	12.032	106	193347	48.749	ug/l	98
70) Styrene	12.044	104	325717	49.151	ug/l	99
71) Bromoform	12.209	173	70269	49.586	ug/l #	98
73) Isopropylbenzene	12.331	105	504184	48.261	ug/l	99
74) N-amyl acetate	12.142	43	105115	51.328	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	83561	50.781	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	123370	92.606	ug/l #	100
77) Bromobenzene	12.611	156	123761	49.232	ug/l	93
78) n-propylbenzene	12.672	91	585208	47.870	ug/l	98
79) 2-Chlorotoluene	12.758	91	337478	48.825	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	437214	48.142	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	32678	50.541	ug/l	98
82) 4-Chlorotoluene	12.855	91	344329	47.425	ug/l	97
83) tert-Butylbenzene	13.075	119	371454	46.928	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	435543	48.630	ug/l	99
85) sec-Butylbenzene	13.257	105	531036	47.121	ug/l	97
86) p-Isopropyltoluene	13.367	119	465614	47.288	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	239397	47.882	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	237035	47.539	ug/l	99
89) n-Butylbenzene	13.696	91	406653	47.658	ug/l	99
90) Hexachloroethane	13.965	117	83753	47.118	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	215801	48.373	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	17378	51.102	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	137943	48.257	ug/l	98
94) Hexachlorobutadiene	15.111	225	79449	46.163	ug/l	99
95) Naphthalene	15.239	128	290084	51.415	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	120548	49.007	ug/l	98

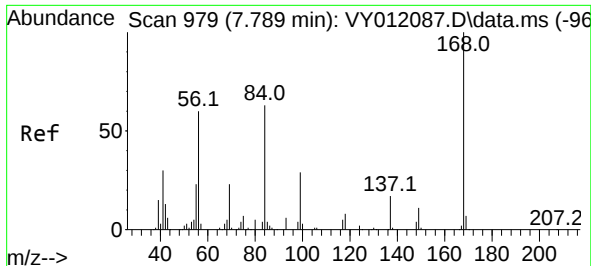
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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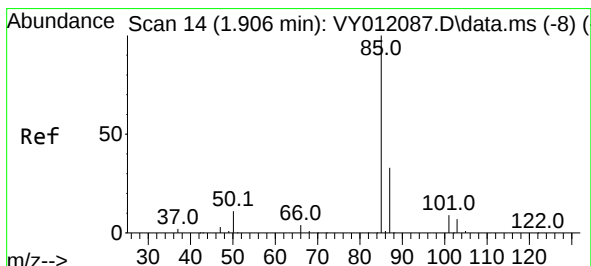
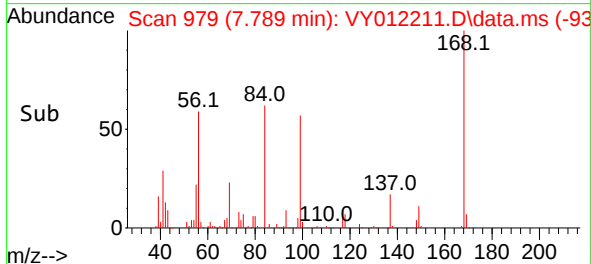
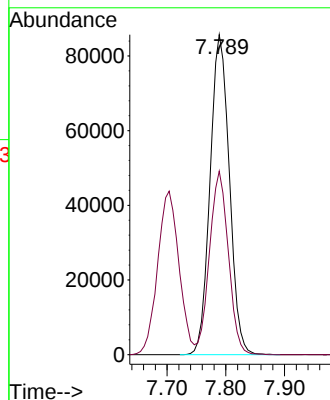
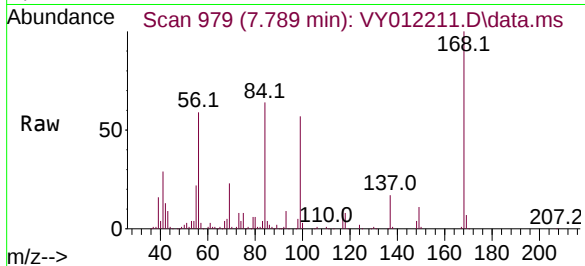
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012211.D
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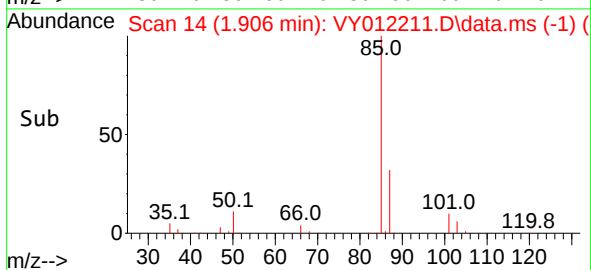
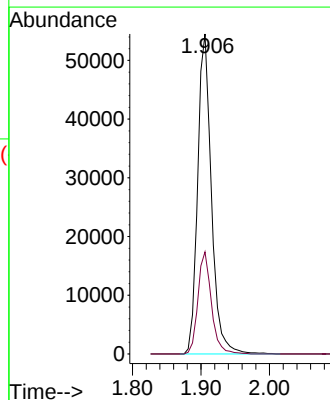
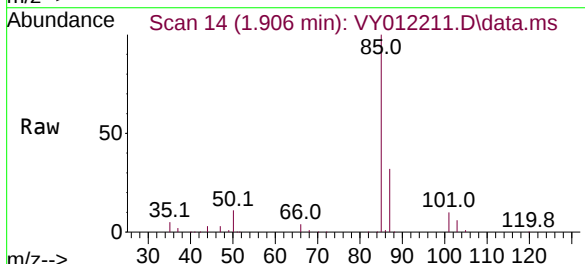
Instrument :
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ClientSampleId :
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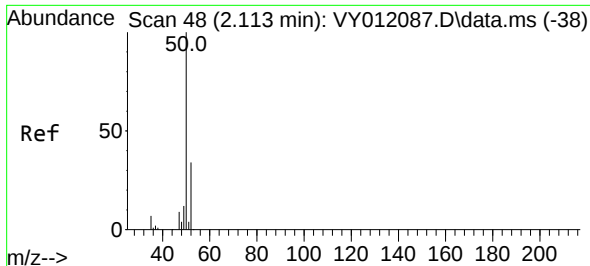
Tgt Ion:168 Resp: 195049
Ion Ratio Lower Upper
168 100
99 57.3 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 44.665 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012211.D
Acq: 16 Jan 2023 19:51

Tgt Ion: 85 Resp: 76133
Ion Ratio Lower Upper
85 100
87 31.9 16.8 50.4

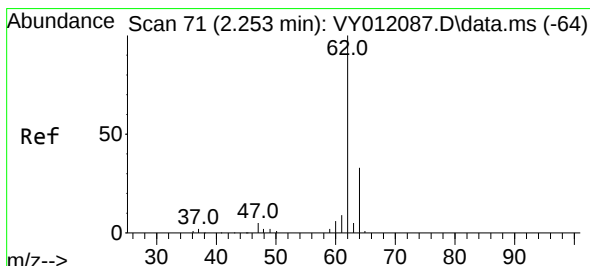
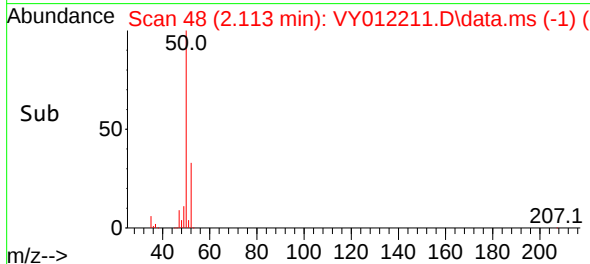
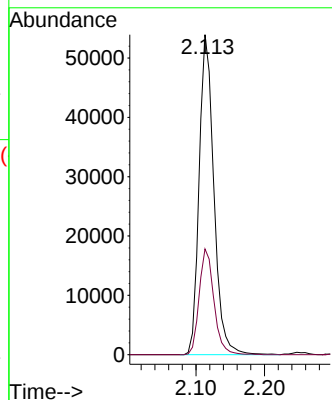
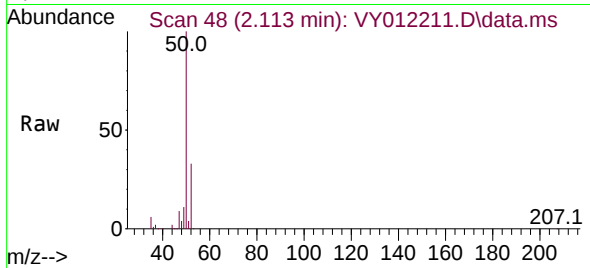




#3
Chloromethane
Concen: 51.310 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY012211.D
Acq: 16 Jan 2023 19:51

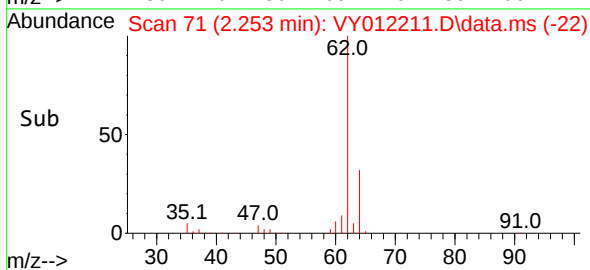
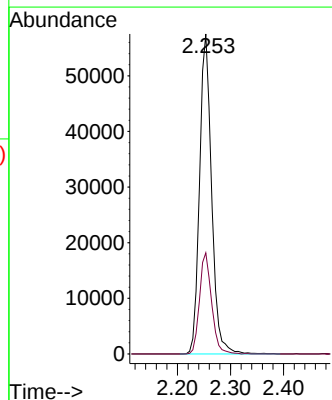
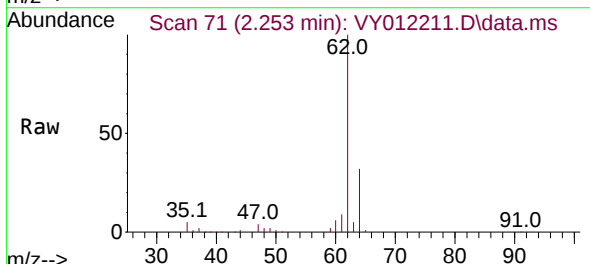
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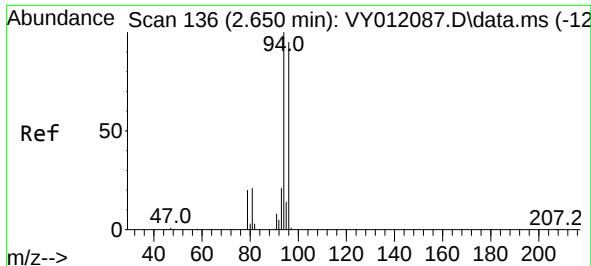
Tgt Ion: 50 Resp: 80740
Ion Ratio Lower Upper
50 100
52 33.1 26.8 40.2



#4
Vinyl Chloride
Concen: 49.423 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY012211.D
Acq: 16 Jan 2023 19:51

Tgt Ion: 62 Resp: 90775
Ion Ratio Lower Upper
62 100
64 31.6 25.0 37.6

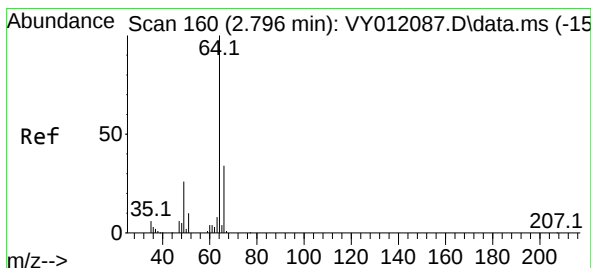
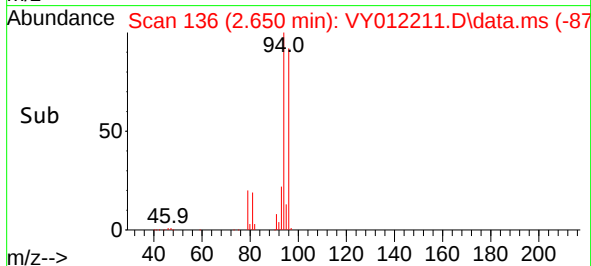
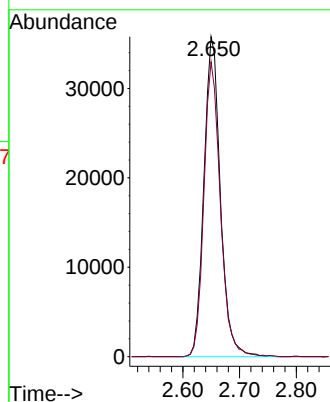
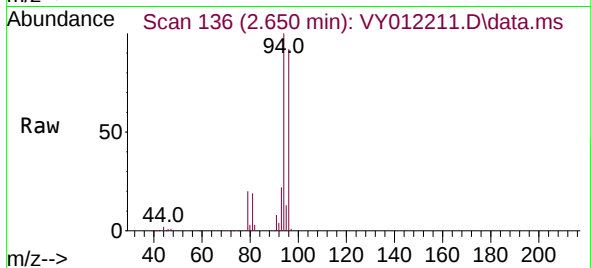




#5
Bromomethane
Concen: 50.773 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012211.D
Acq: 16 Jan 2023 19:51

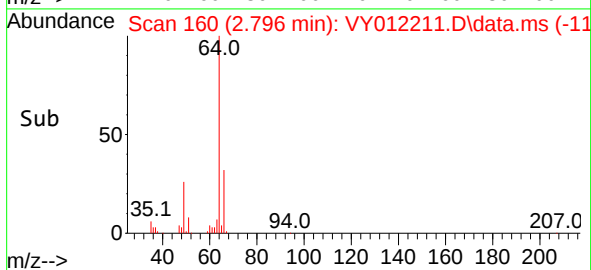
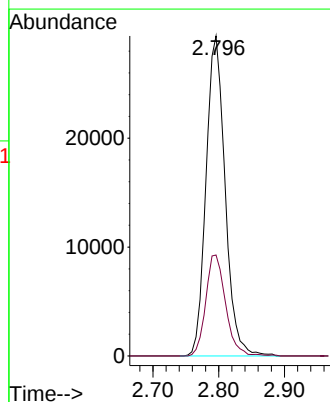
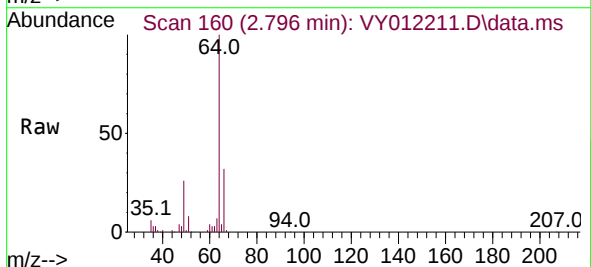
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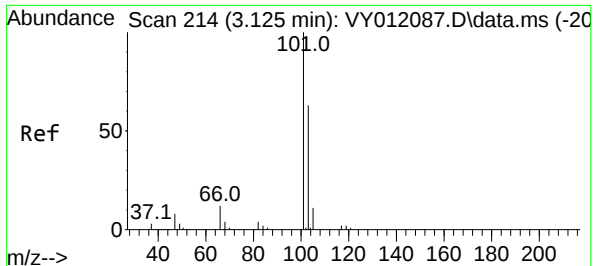
Tgt Ion: 94 Resp: 72098
Ion Ratio Lower Upper
94 100
96 92.1 77.4 116.2



#6
Chloroethane
Concen: 49.526 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY012211.D
Acq: 16 Jan 2023 19:51

Tgt Ion: 64 Resp: 59324
Ion Ratio Lower Upper
64 100
66 31.6 25.0 37.4

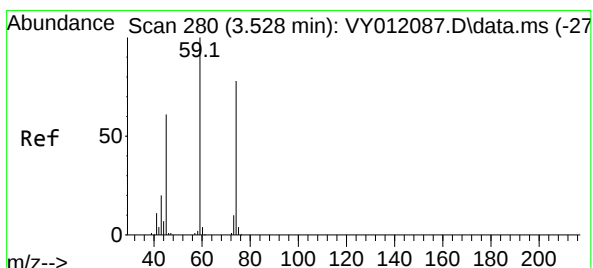
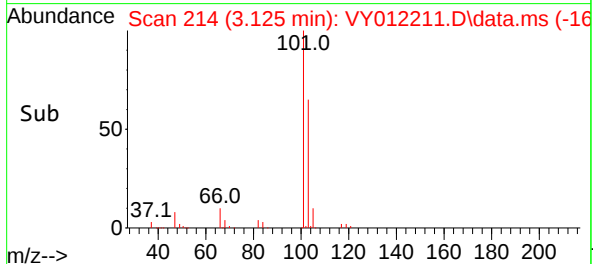
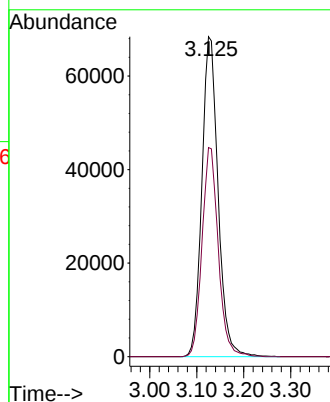
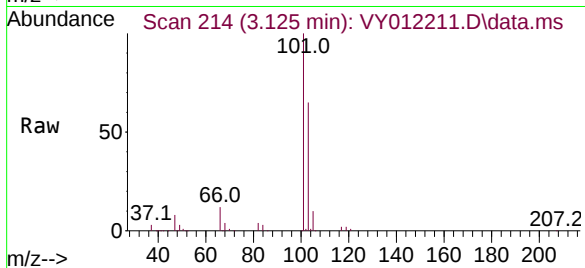




#7
Trichlorofluoromethane
Concen: 45.717 ug/l
RT: 3.125 min Scan# 214
Delta R.T. 0.000 min
Lab File: VY012211.D
Acq: 16 Jan 2023 19:51

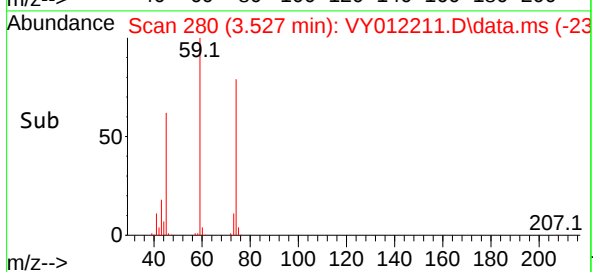
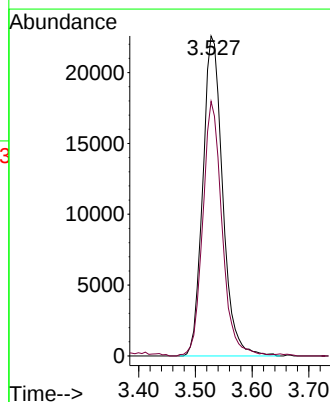
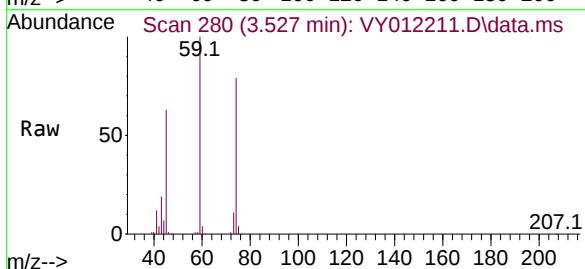
Instrument :
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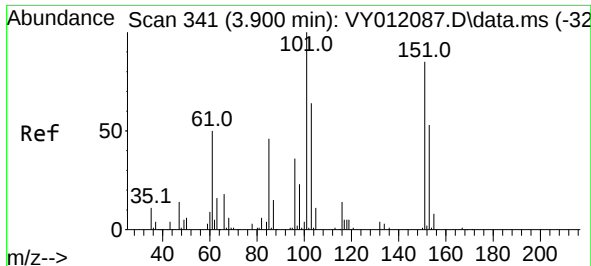
Tgt Ion:101 Resp: 163879
Ion Ratio Lower Upper
101 100
103 65.3 51.0 76.6



#8
Diethyl Ether
Concen: 51.564 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.001 min
Lab File: VY012211.D
Acq: 16 Jan 2023 19:51

Tgt Ion: 74 Resp: 55001
Ion Ratio Lower Upper
74 100
45 77.3 46.8 140.3

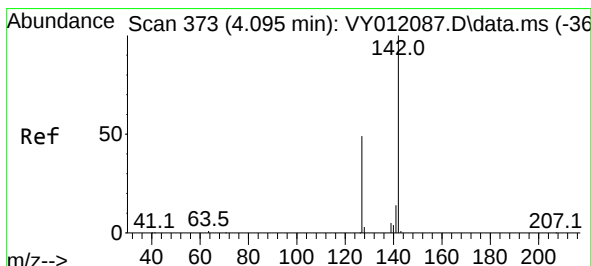
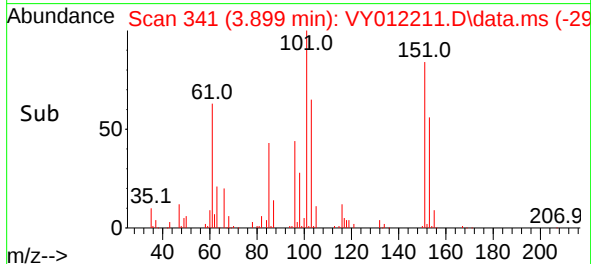
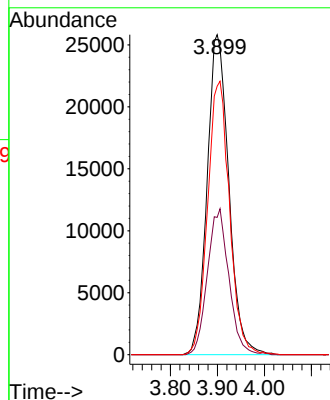
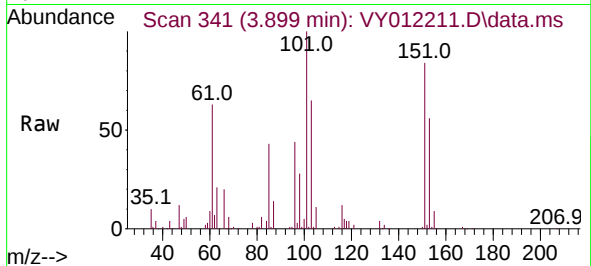




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.327 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.001 min
Lab File: VY012211.D
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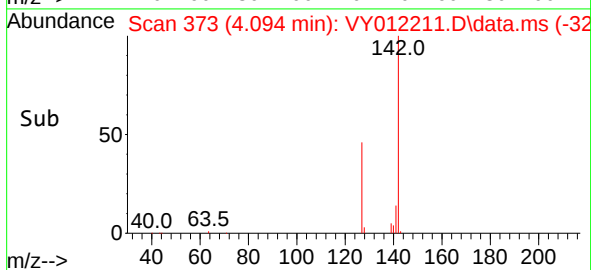
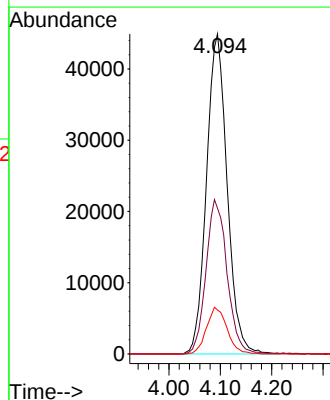
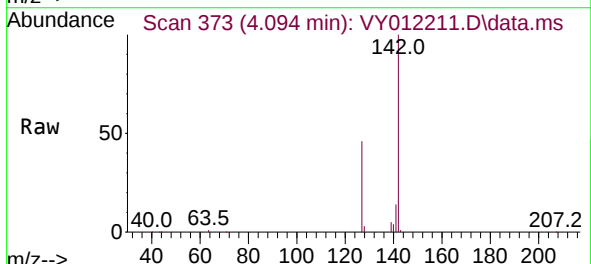
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

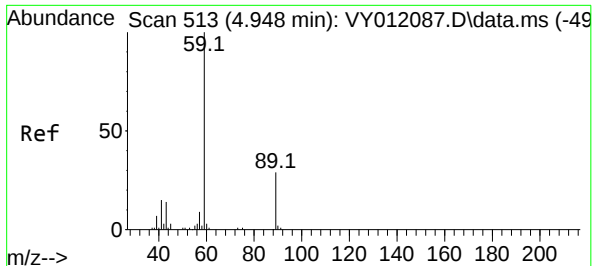
Tgt Ion:101 Resp: 82569
Ion Ratio Lower Upper
101 100
85 45.2 36.2 54.2
151 86.4 64.2 96.2



#10
Methyl Iodide
Concen: 47.311 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.001 min
Lab File: VY012211.D
Acq: 16 Jan 2023 19:51

Tgt Ion:142 Resp: 125436
Ion Ratio Lower Upper
142 100
127 49.1 37.0 55.4
141 14.5 11.4 17.0

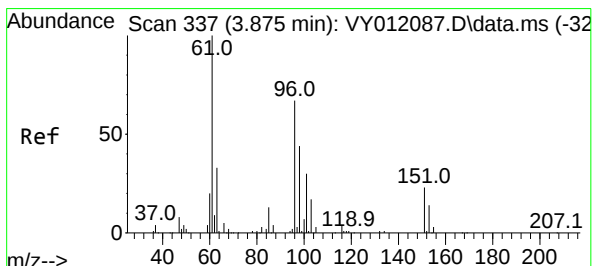
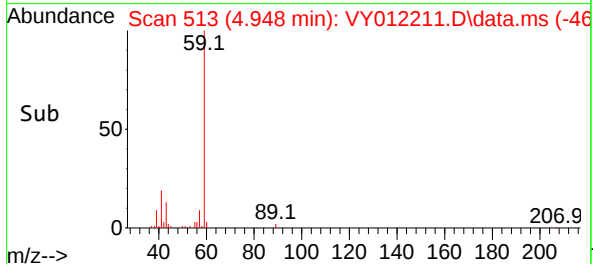
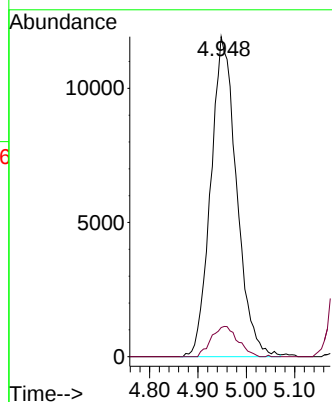
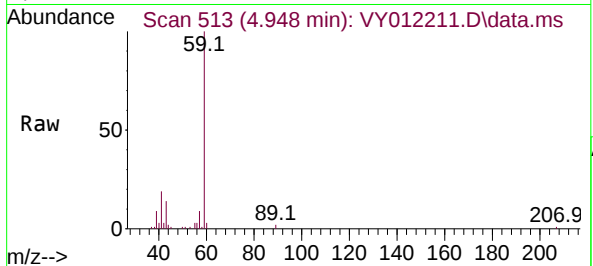




#11
Tert butyl alcohol
Concen: 230.030 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY012211.D
Acq: 16 Jan 2023 19:51

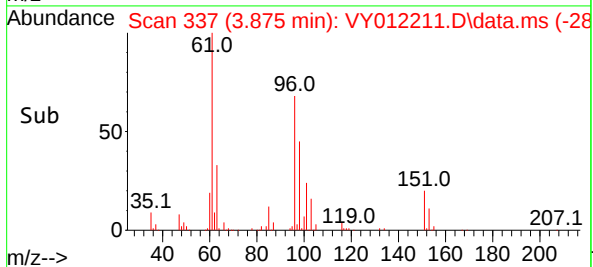
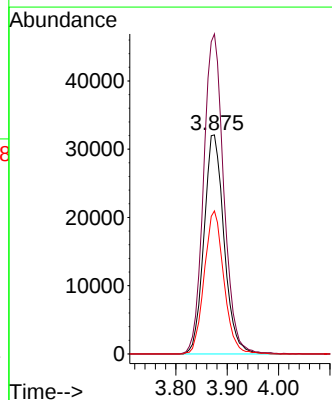
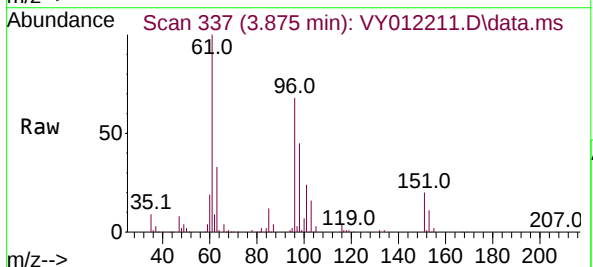
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 44322
Ion Ratio Lower Upper
59 100
57 9.7 7.4 11.2



#12
1,1-Dichloroethene
Concen: 48.552 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.000 min
Lab File: VY012211.D
Acq: 16 Jan 2023 19:51

Tgt Ion: 96 Resp: 86977
Ion Ratio Lower Upper
96 100
61 146.1 122.0 183.0
98 65.3 48.6 73.0

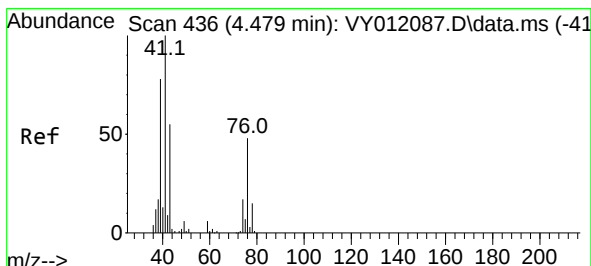
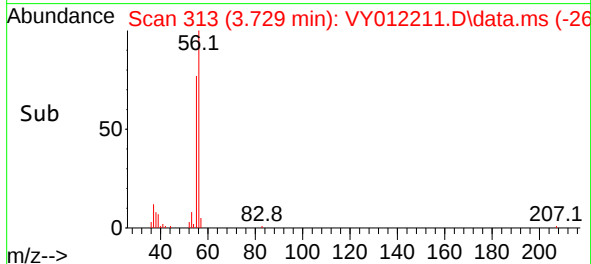
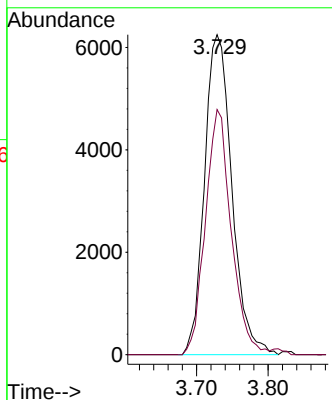
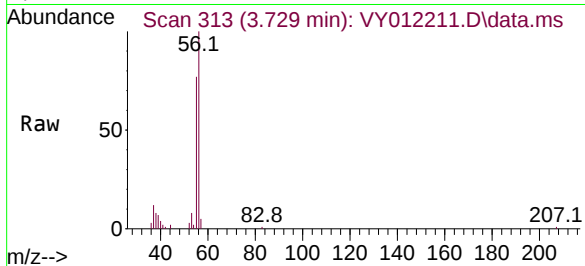




#13
Acrolein
Concen: 229.421 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY012211.D
Acq: 16 Jan 2023 19:51

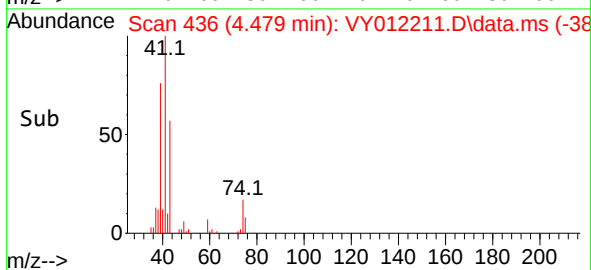
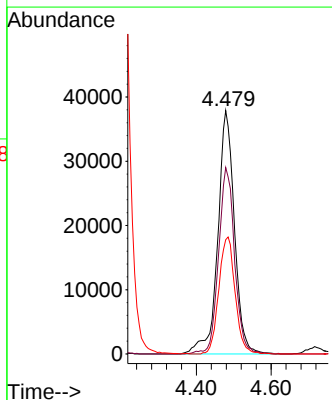
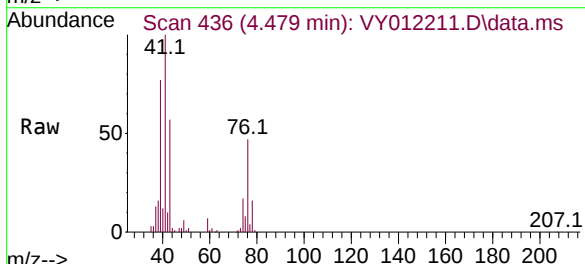
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

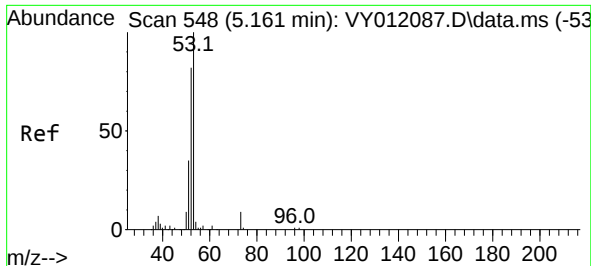
Tgt Ion: 56 Resp: 16639
Ion Ratio Lower Upper
56 100
55 72.2 56.6 85.0



#14
Allyl chloride
Concen: 52.861 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY012211.D
Acq: 16 Jan 2023 19:51

Tgt Ion: 41 Resp: 117087
Ion Ratio Lower Upper
41 100
39 74.1 53.5 80.3
76 47.0 31.1 46.7#

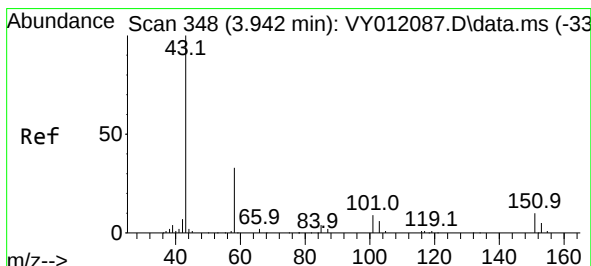
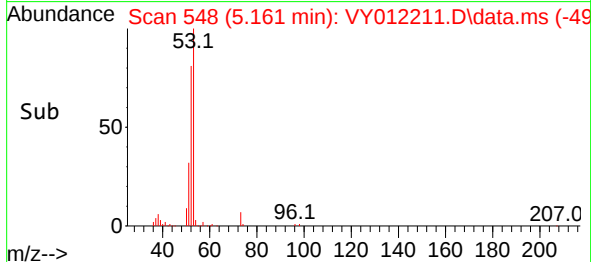
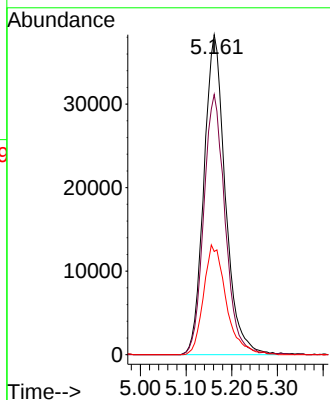
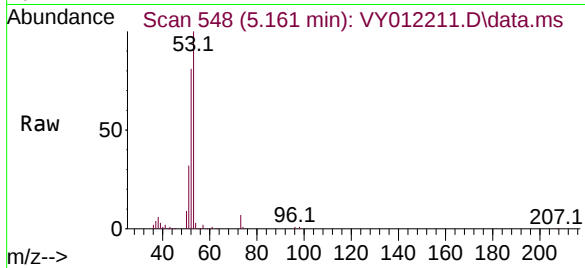




#15
Acrylonitrile
Concen: 267.682 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY012211.D
Acq: 16 Jan 2023 19:51

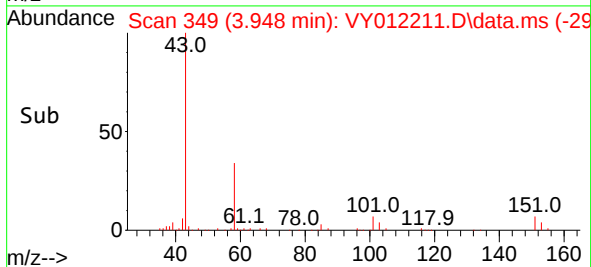
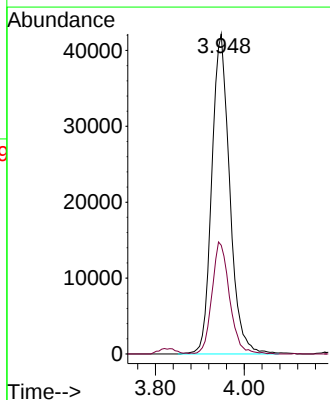
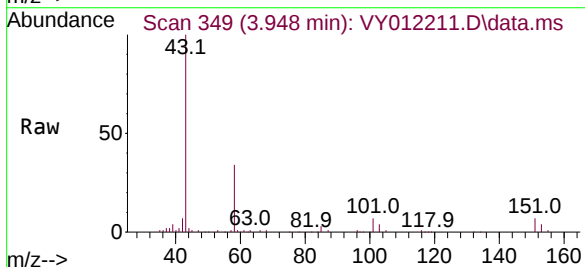
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

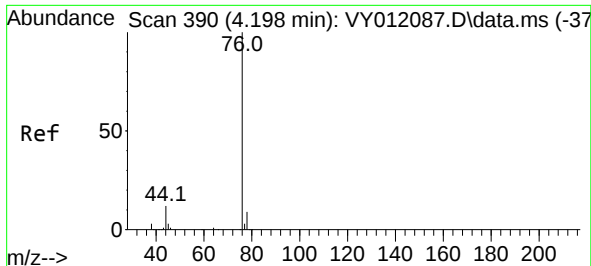
Tgt Ion: 53 Resp: 124717
Ion Ratio Lower Upper
53 100
52 81.0 65.1 97.7
51 36.3 28.7 43.1



#16
Acetone
Concen: 217.346 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY012211.D
Acq: 16 Jan 2023 19:51

Tgt Ion: 43 Resp: 118046
Ion Ratio Lower Upper
43 100
58 33.9 27.9 41.9

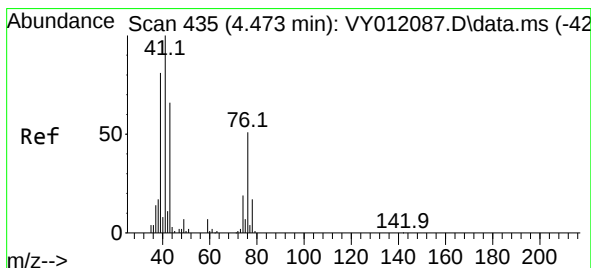
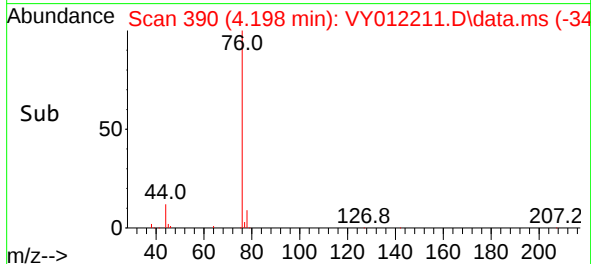
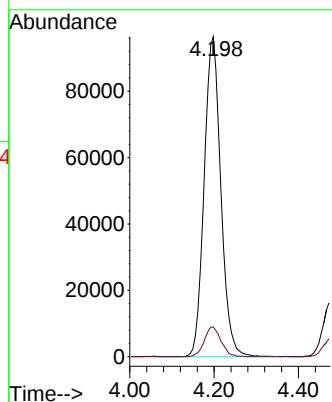
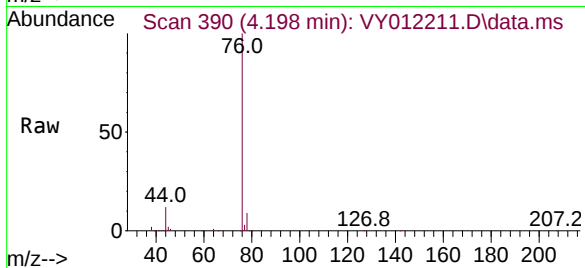




#17
Carbon Disulfide
Concen: 47.931 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY012211.D
Acq: 16 Jan 2023 19:51

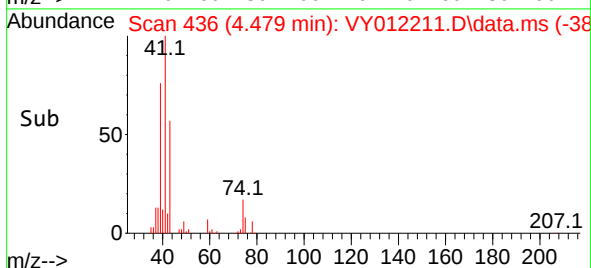
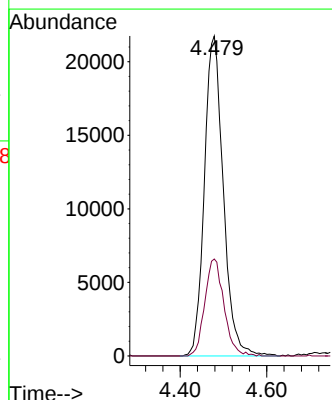
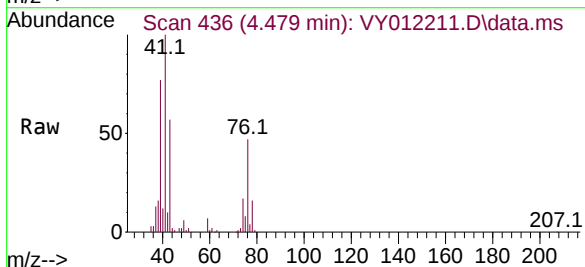
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

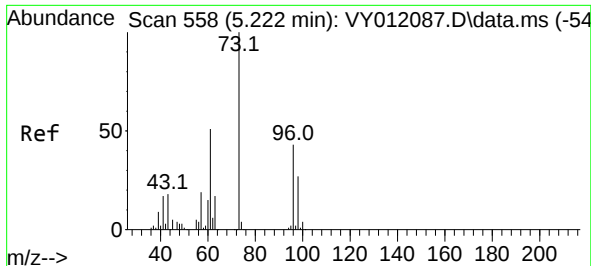
Tgt Ion: 76 Resp: 265587
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



#18
Methyl Acetate
Concen: 54.310 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY012211.D
Acq: 16 Jan 2023 19:51

Tgt Ion: 43 Resp: 66005
Ion Ratio Lower Upper
43 100
74 30.6 20.1 30.1#

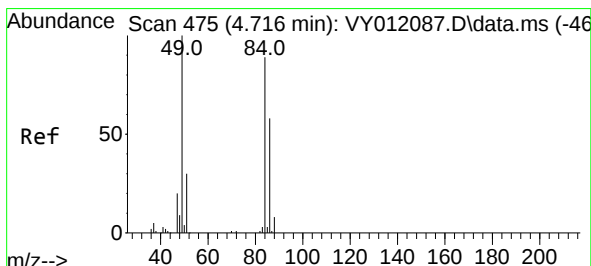
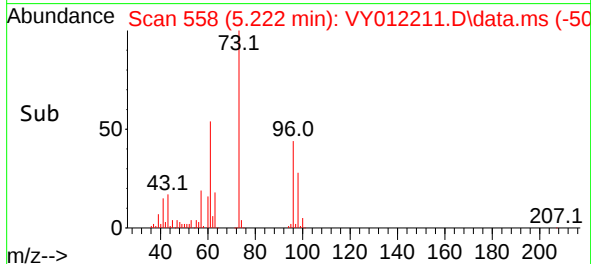
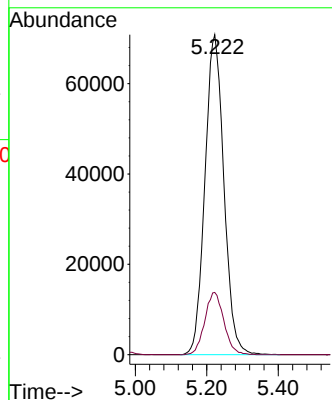
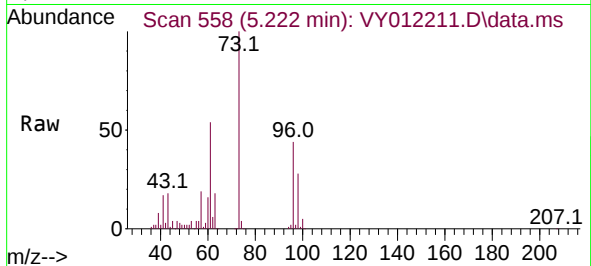




#19
Methyl tert-butyl Ether
Concen: 52.137 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY012211.D
Acq: 16 Jan 2023 19:51

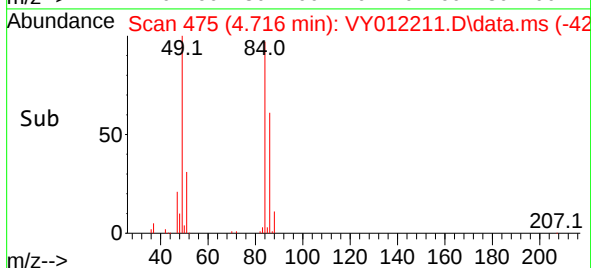
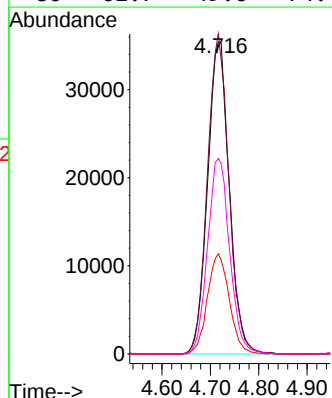
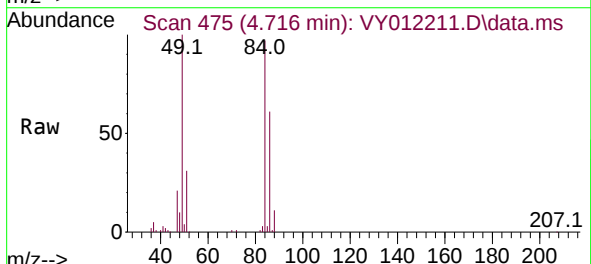
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

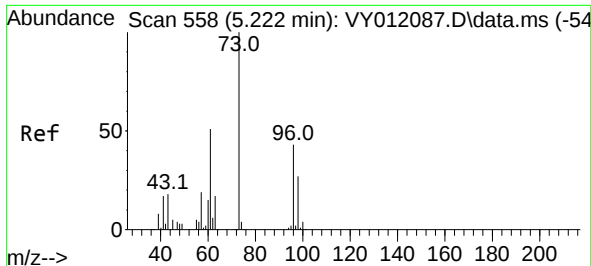
Tgt Ion: 73 Resp: 260358
Ion Ratio Lower Upper
73 100
57 19.4 17.4 26.0



#20
Methylene Chloride
Concen: 48.279 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012211.D
Acq: 16 Jan 2023 19:51

Tgt Ion: 84 Resp: 110428
Ion Ratio Lower Upper
84 100
49 102.6 95.4 143.2
51 32.1 29.9 44.9
86 62.7 49.6 74.4

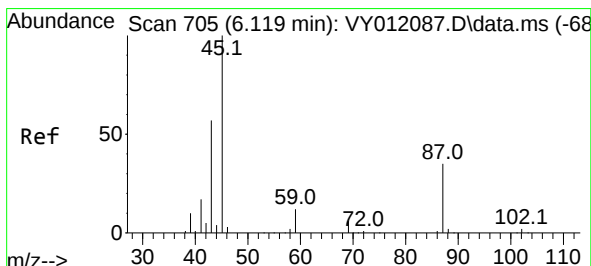
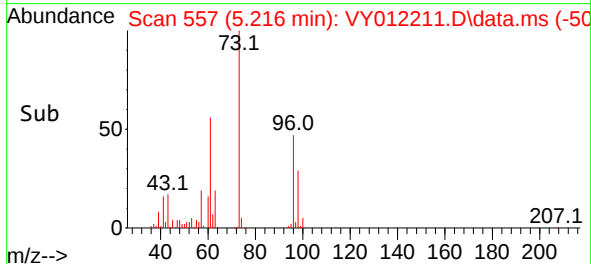
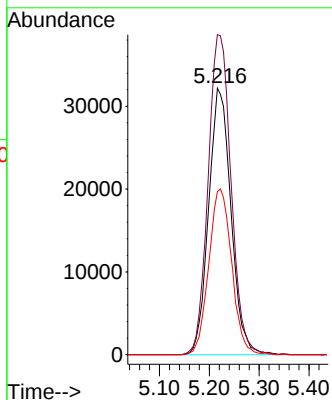
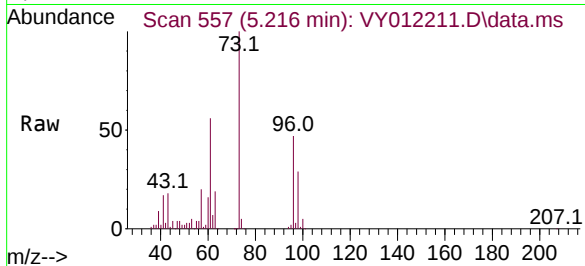




#21
trans-1,2-Dichloroethene
Concen: 50.194 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY012211.D
Acq: 16 Jan 2023 19:51

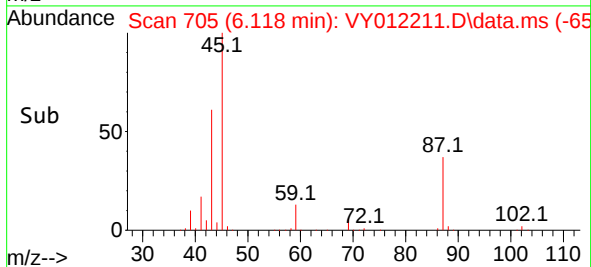
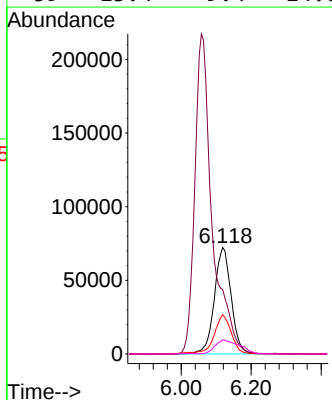
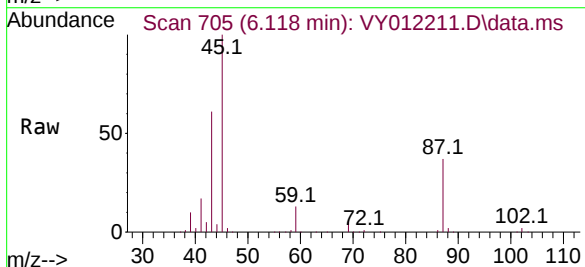
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

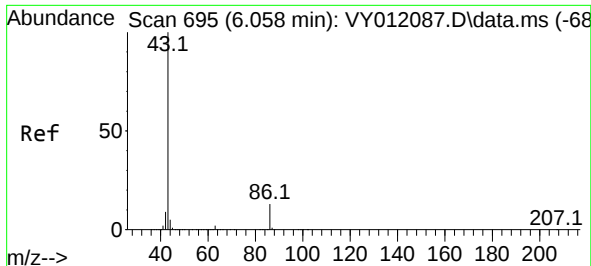
Tgt Ion: 96 Resp: 100340
Ion Ratio Lower Upper
96 100
61 120.0 108.0 162.0
98 61.2 51.6 77.4



#22
Diisopropyl ether
Concen: 54.583 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.001 min
Lab File: VY012211.D
Acq: 16 Jan 2023 19:51

Tgt Ion: 45 Resp: 241034
Ion Ratio Lower Upper
45 100
43 60.4 45.0 67.4
87 36.9 22.6 33.8#
59 13.4 9.4 14.0

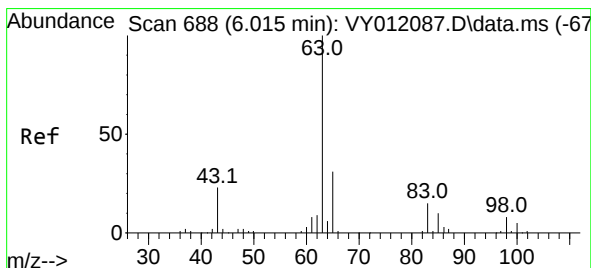
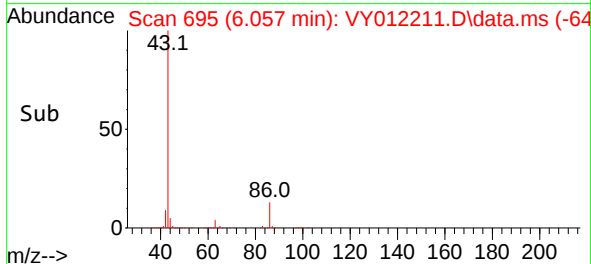
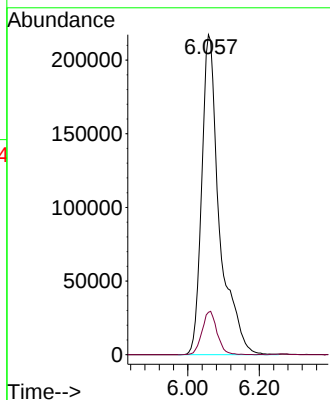
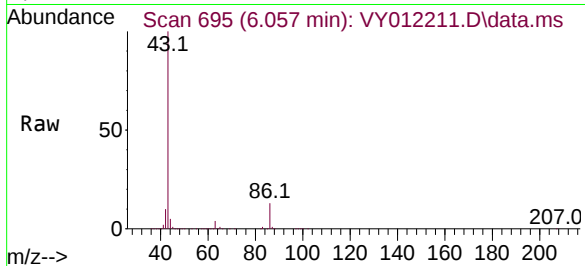




#23
 Vinyl Acetate
 Concen: 271.715 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.001 min
 Lab File: VY012211.D
 Acq: 16 Jan 2023 19:51

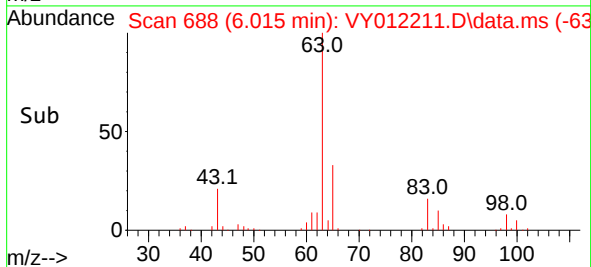
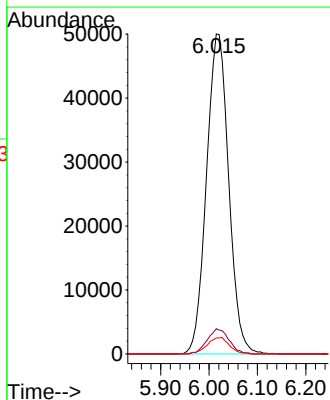
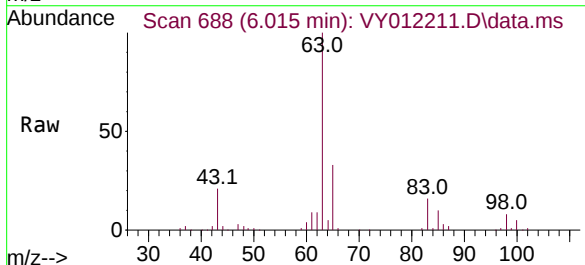
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

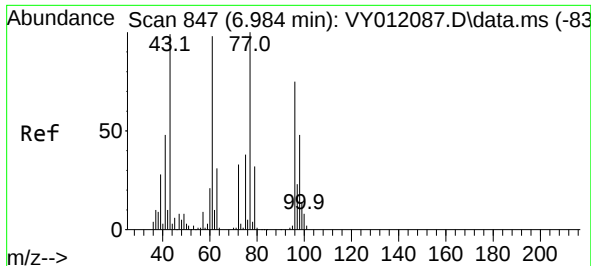
Tgt Ion: 43 Resp: 747682
 Ion Ratio Lower Upper
 43 100
 86 13.3 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 52.094 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY012211.D
 Acq: 16 Jan 2023 19:51

Tgt Ion: 63 Resp: 159562
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.5 10.5
 100 5.0 2.2 6.6

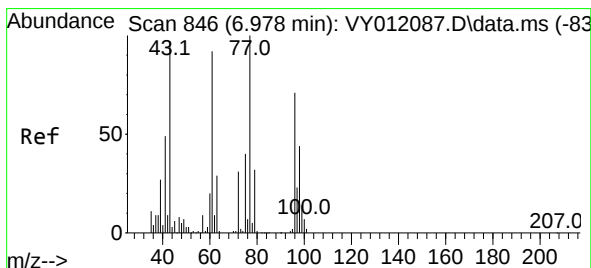
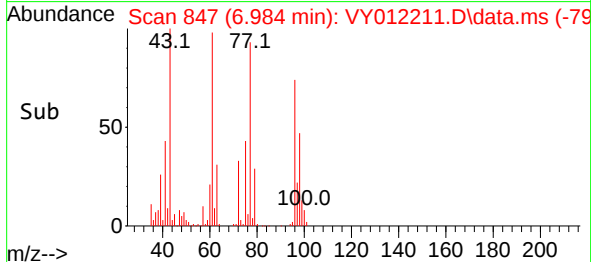
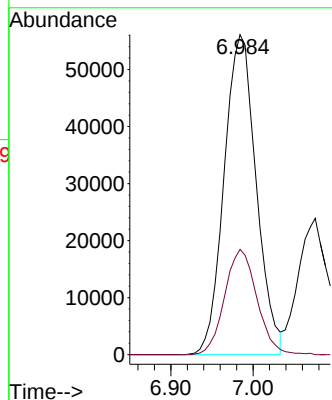
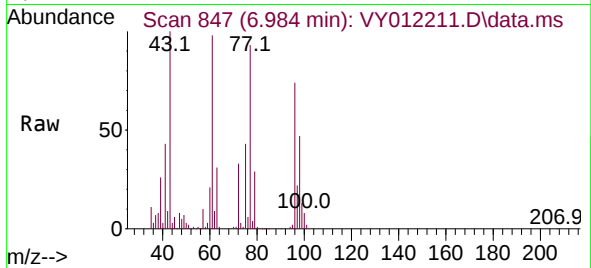




#25
2-Butanone
Concen: 254.105 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY012211.D
Acq: 16 Jan 2023 19:51

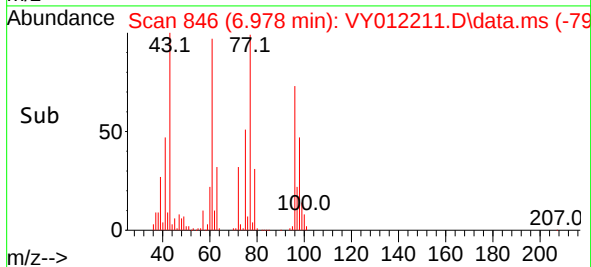
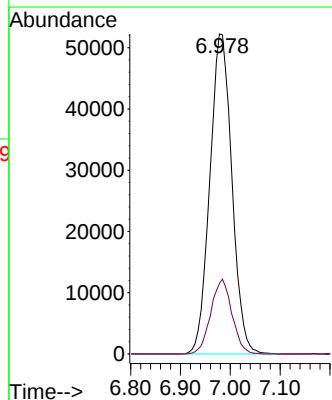
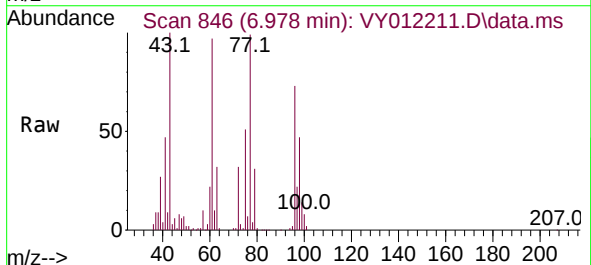
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

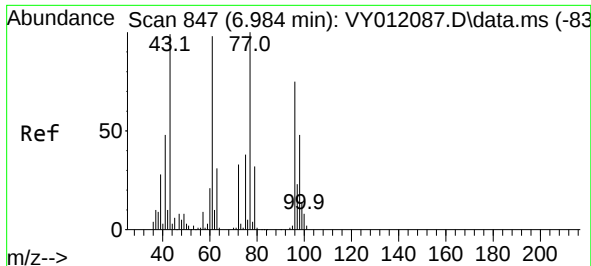
Tgt Ion: 43 Resp: 152362
Ion Ratio Lower Upper
43 100
72 32.9 22.6 34.0



#26
2,2-Dichloropropane
Concen: 48.220 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY012211.D
Acq: 16 Jan 2023 19:51

Tgt Ion: 77 Resp: 160334
Ion Ratio Lower Upper
77 100
97 22.4 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 51.614 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012211.D

Acq: 16 Jan 2023 19:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

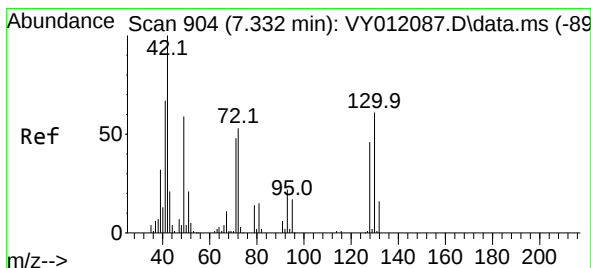
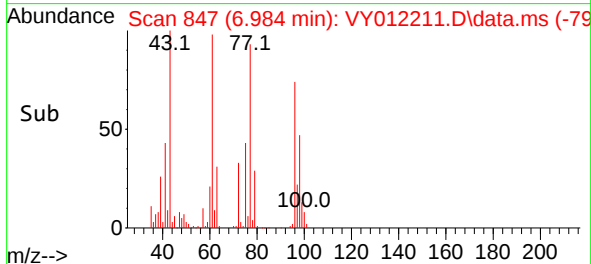
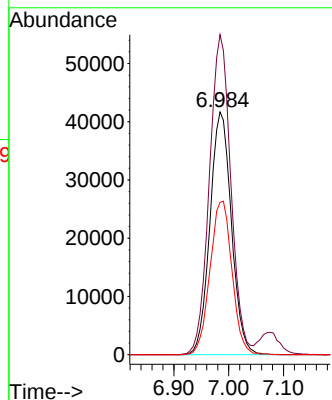
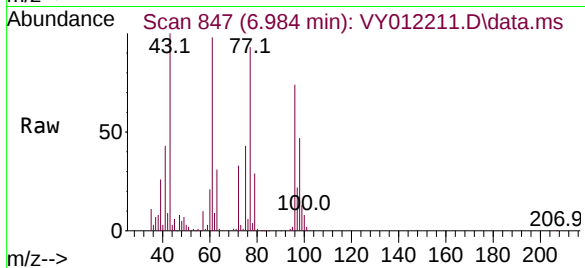
Tgt Ion: 96 Resp: 113335

Ion Ratio Lower Upper

96 100

61 132.1 0.0 283.4

98 64.8 0.0 127.6



#28

Bromochloromethane

Concen: 51.072 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY012211.D

Acq: 16 Jan 2023 19:51

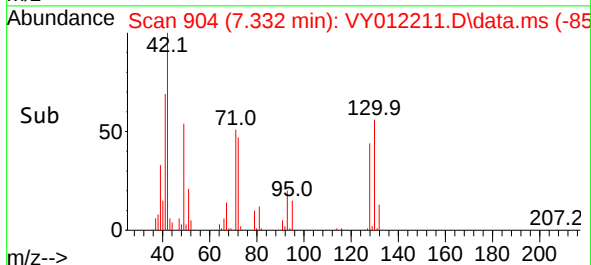
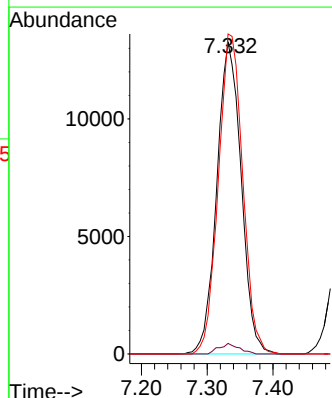
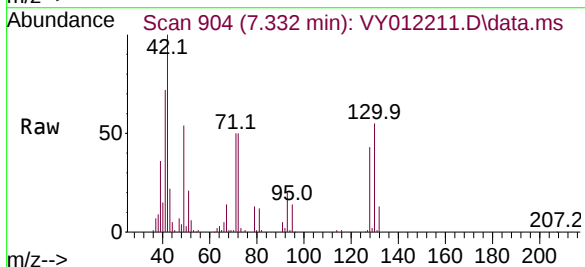
Tgt Ion: 49 Resp: 34164

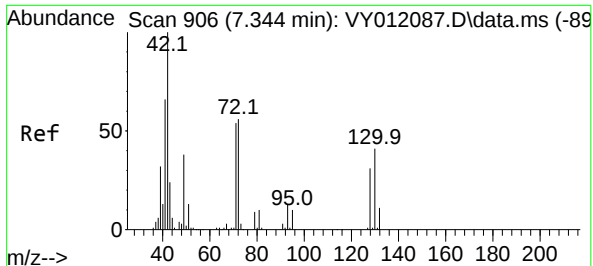
Ion Ratio Lower Upper

49 100

129 2.8 0.0 4.6

130 102.7 66.7 100.1#





#29

Tetrahydrofuran

Concen: 274.020 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY012211.D

Acq: 16 Jan 2023 19:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

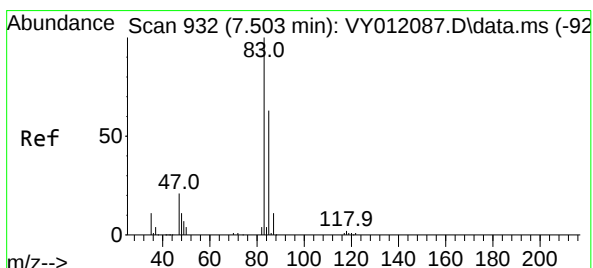
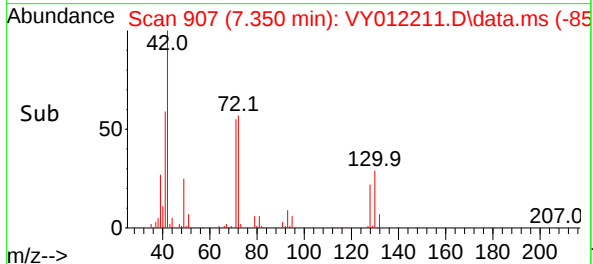
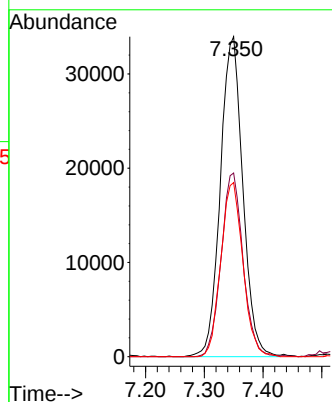
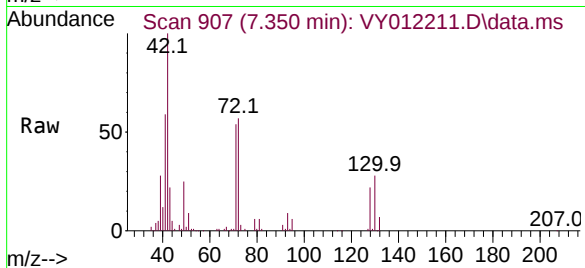
Tgt Ion: 42 Resp: 90250

Ion Ratio Lower Upper

42 100

72 56.0 37.0 55.6#

71 53.5 34.9 52.3#



#30

Chloroform

Concen: 51.499 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.005 min

Lab File: VY012211.D

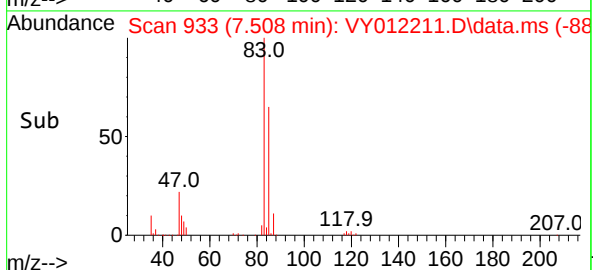
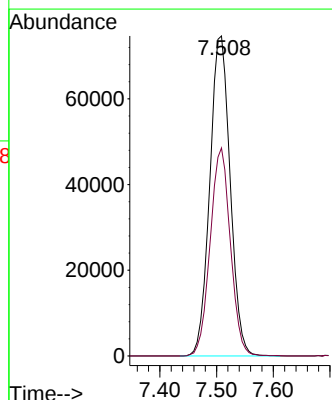
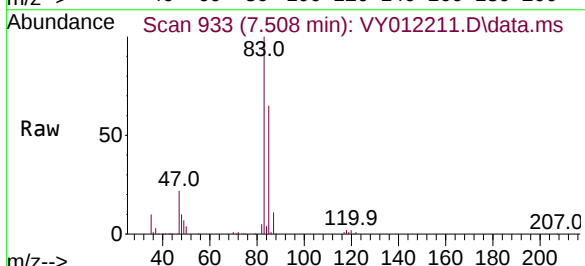
Acq: 16 Jan 2023 19:51

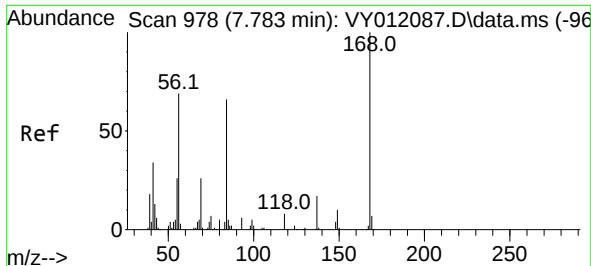
Tgt Ion: 83 Resp: 186204

Ion Ratio Lower Upper

83 100

85 65.0 51.5 77.3

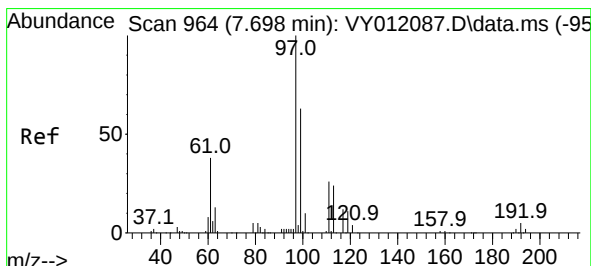
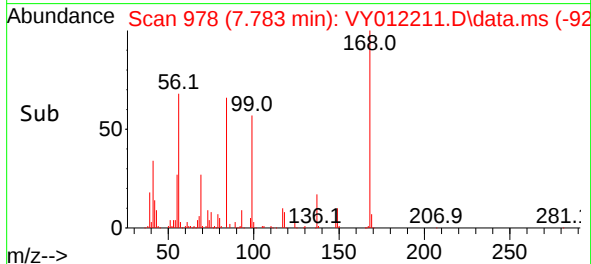
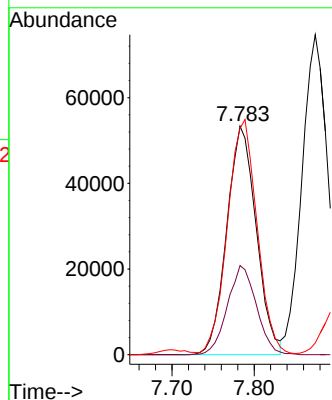
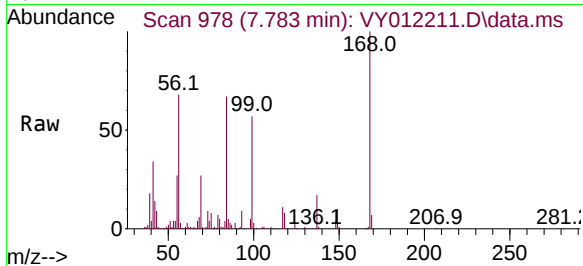




#31
Cyclohexane
Concen: 46.843 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012211.D
Acq: 16 Jan 2023 19:51

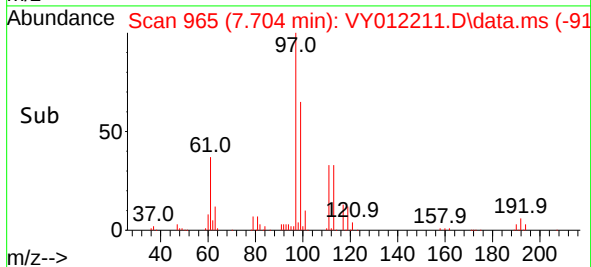
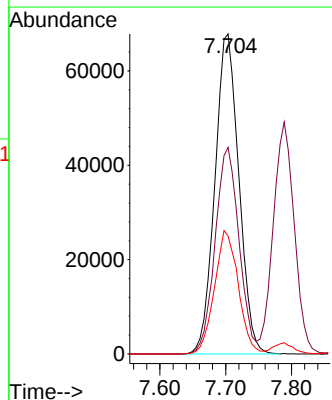
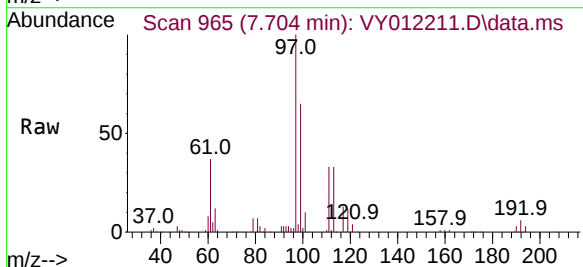
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

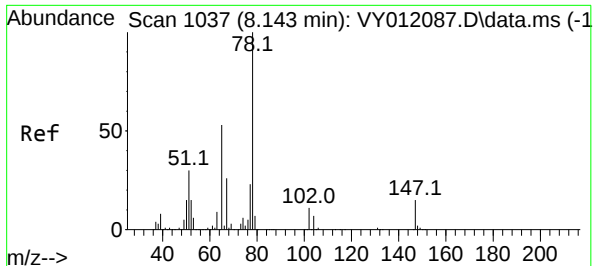
Tgt Ion: 56 Resp: 133215
Ion Ratio Lower Upper
56 100
69 39.0 29.2 43.8
84 97.4 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 48.085 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY012211.D
Acq: 16 Jan 2023 19:51

Tgt Ion: 97 Resp: 172122
Ion Ratio Lower Upper
97 100
99 64.4 51.0 76.4
61 38.2 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 51.114 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY012211.D

Acq: 16 Jan 2023 19:51

Instrument :

MSVOA_Y

ClientSampleId :

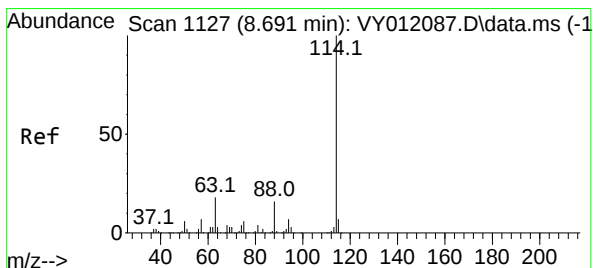
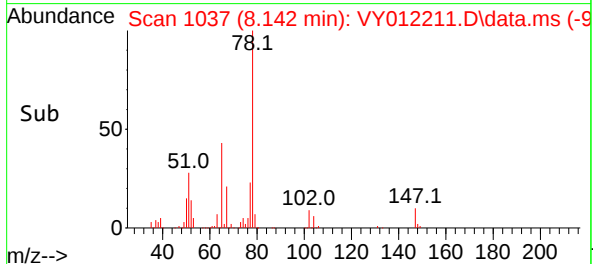
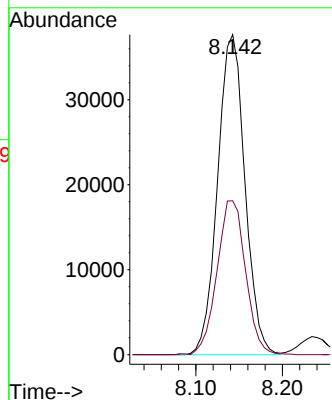
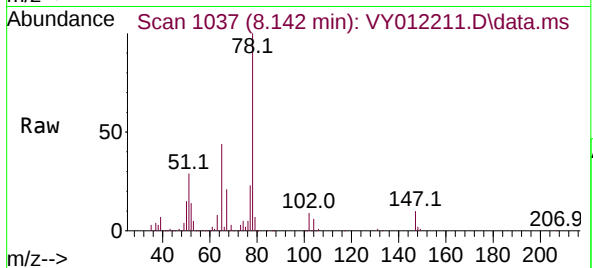
VSTDCCC050EC

Tgt Ion: 65 Resp: 82496

Ion Ratio Lower Upper

65 100

67 50.4 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012211.D

Acq: 16 Jan 2023 19:51

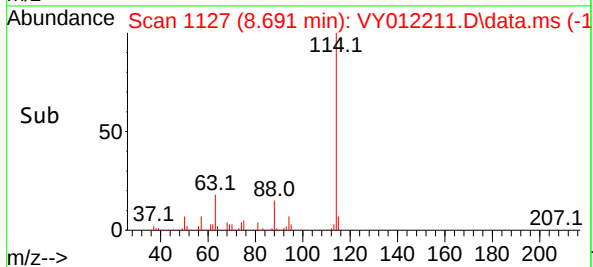
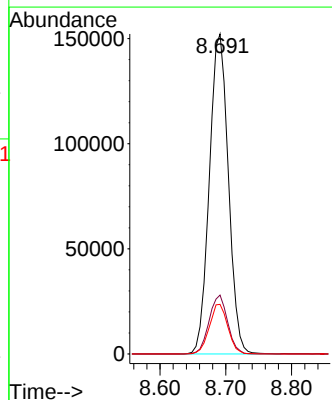
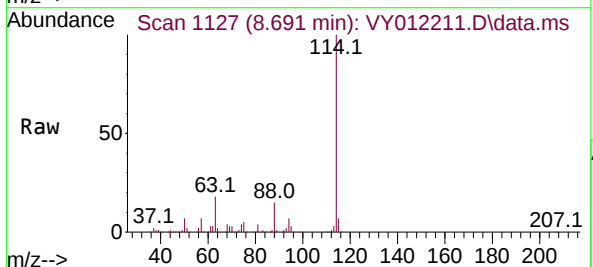
Tgt Ion: 114 Resp: 305935

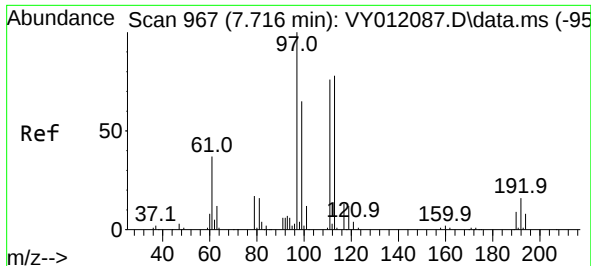
Ion Ratio Lower Upper

114 100

63 18.4 0.0 39.6

88 15.5 0.0 32.2

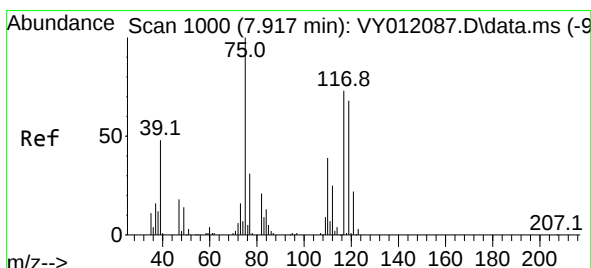
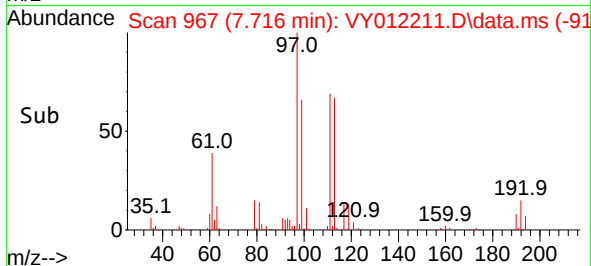
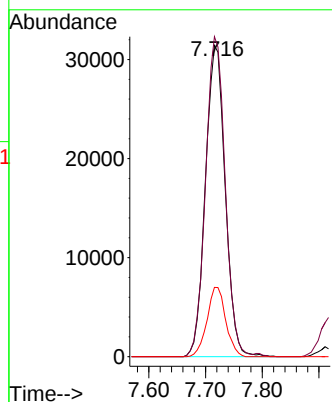
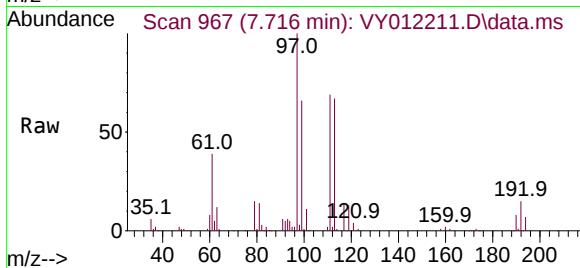




#35
Dibromofluoromethane
Concen: 47.019 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012211.D
Acq: 16 Jan 2023 19:51

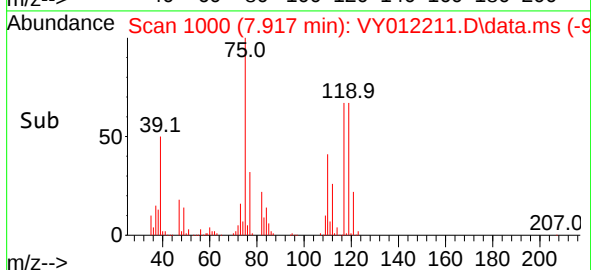
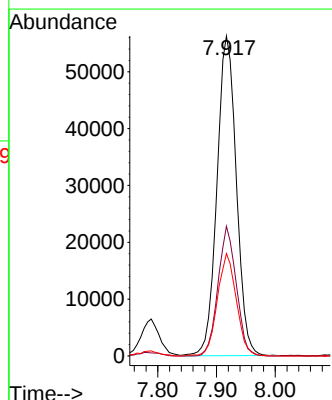
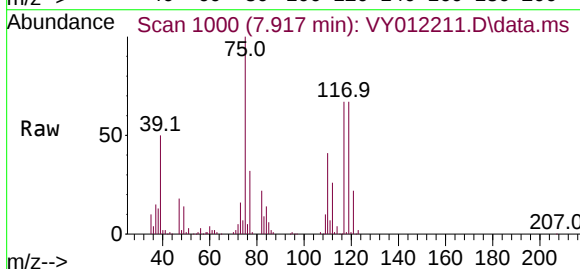
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

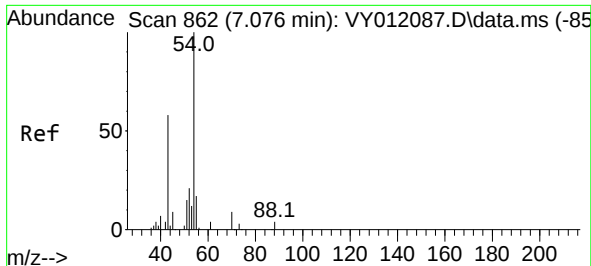
Tgt Ion:113 Resp: 76168
Ion Ratio Lower Upper
113 100
111 101.8 83.0 124.4
192 21.1 16.0 24.0



#36
1,1-Dichloropropene
Concen: 46.755 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY012211.D
Acq: 16 Jan 2023 19:51

Tgt Ion: 75 Resp: 128721
Ion Ratio Lower Upper
75 100
110 38.2 18.1 54.1
77 31.4 25.1 37.7





#37

Ethyl Acetate

Concen: 51.965 ug/l

RT: 7.076 min Scan# 862

Delta R.T. -0.000 min

Lab File: VY012211.D

Acq: 16 Jan 2023 19:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

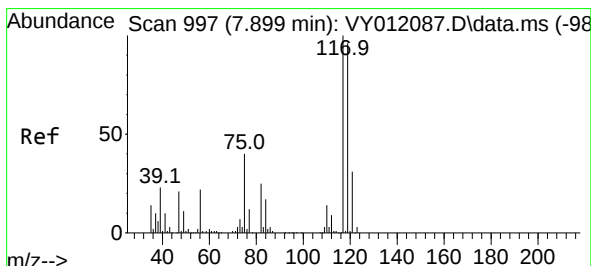
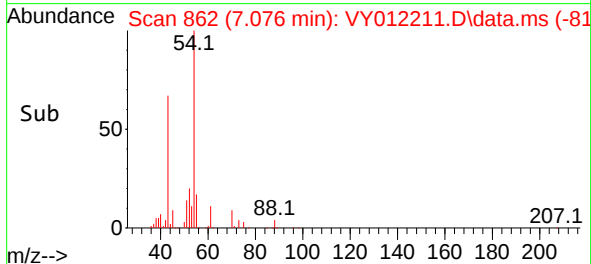
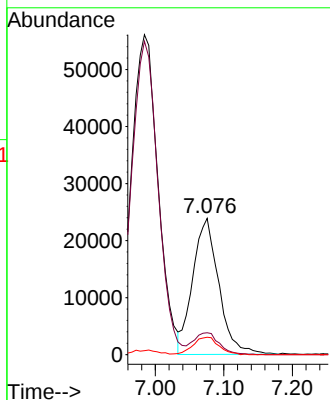
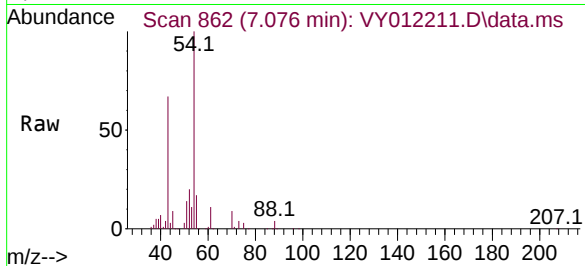
Tgt Ion: 43 Resp: 63069

Ion Ratio Lower Upper

43 100

61 15.8 11.3 16.9

70 12.7 8.2 12.4#



#38

Carbon Tetrachloride

Concen: 44.977 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY012211.D

Acq: 16 Jan 2023 19:51

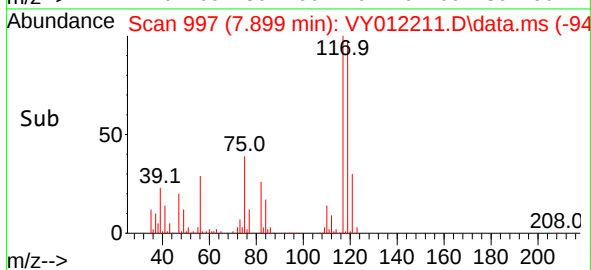
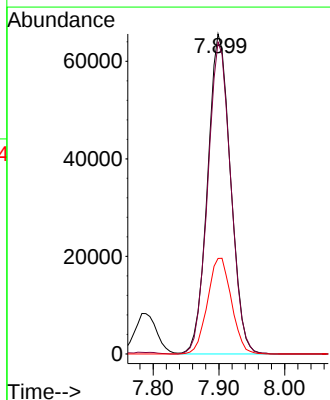
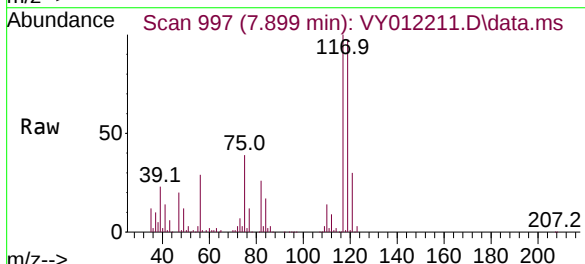
Tgt Ion: 117 Resp: 159921

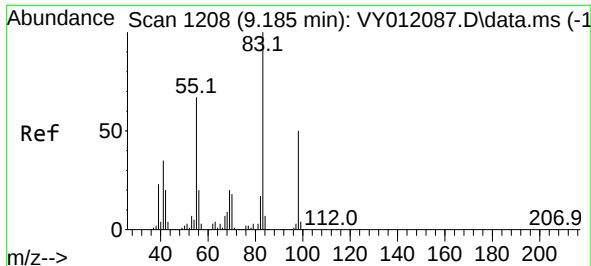
Ion Ratio Lower Upper

117 100

119 97.5 73.8 110.8

121 29.9 25.2 37.8





#39

Methylcyclohexane

Concen: 47.999 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY012211.D

Acq: 16 Jan 2023 19:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

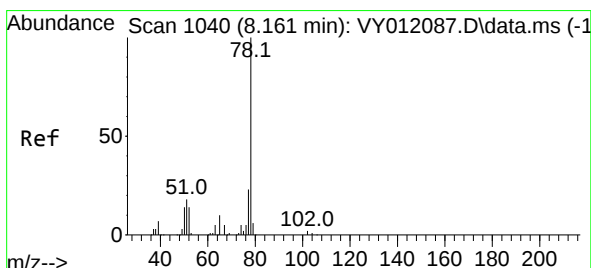
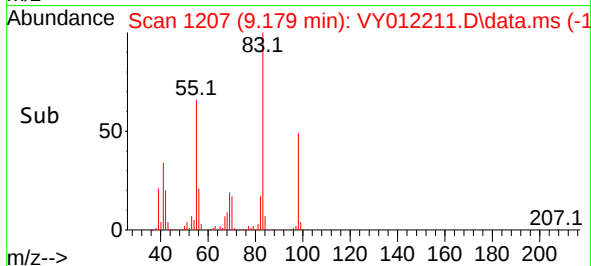
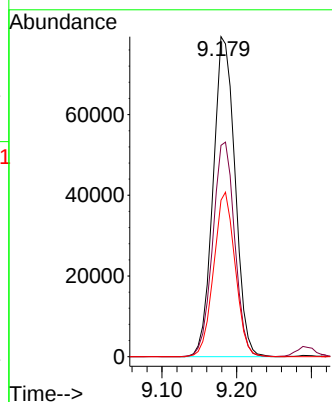
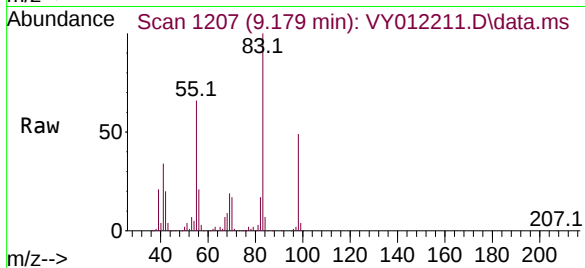
Tgt Ion: 83 Resp: 161488

Ion Ratio Lower Upper

83 100

55 66.1 58.2 87.2

98 48.9 38.6 58.0



#40

Benzene

Concen: 49.249 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY012211.D

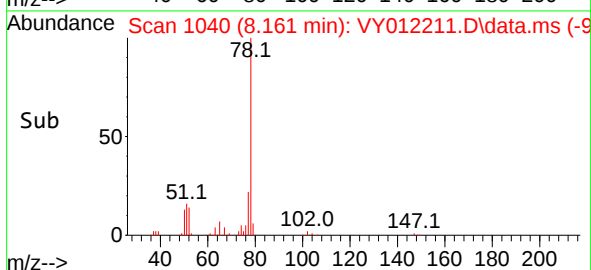
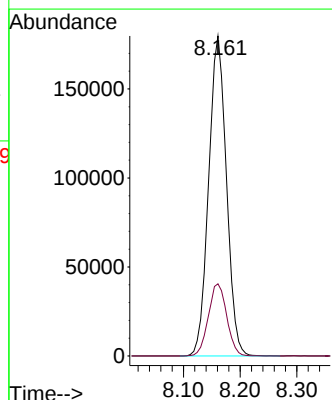
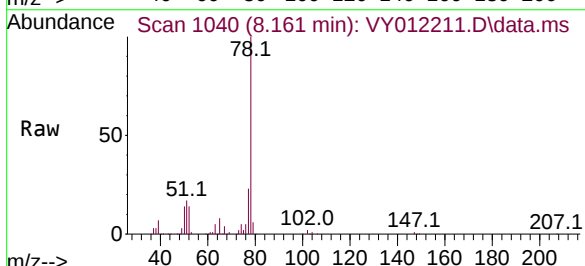
Acq: 16 Jan 2023 19:51

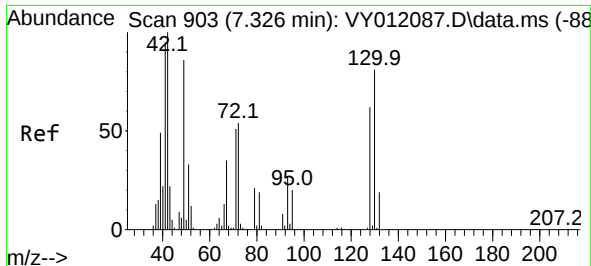
Tgt Ion: 78 Resp: 391335

Ion Ratio Lower Upper

78 100

77 22.5 18.6 27.8

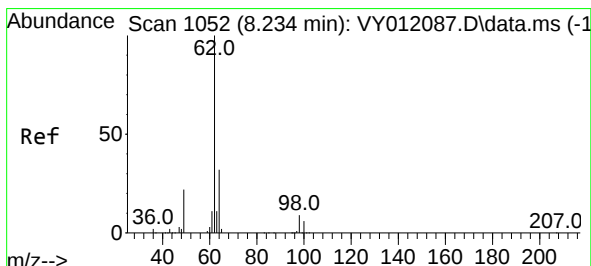
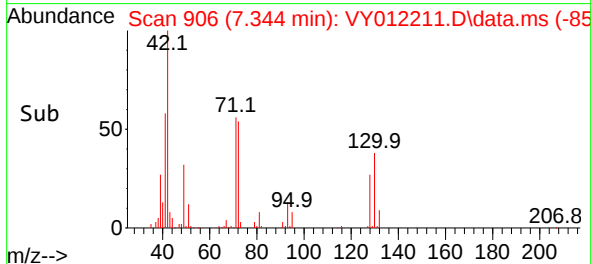
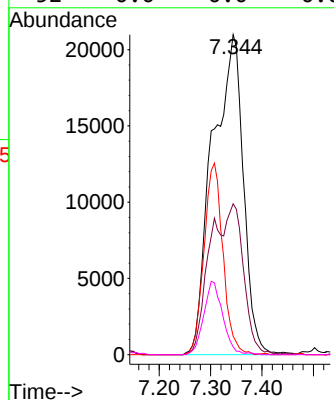
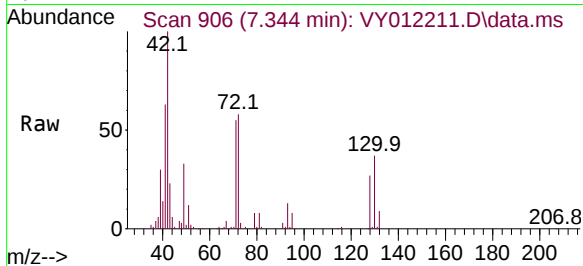




#41
Methacrylonitrile
Concen: 122.339 ug/l
RT: 7.344 min Scan# 903
Delta R.T. 0.018 min
Lab File: VY012211.D
Acq: 16 Jan 2023 19:51

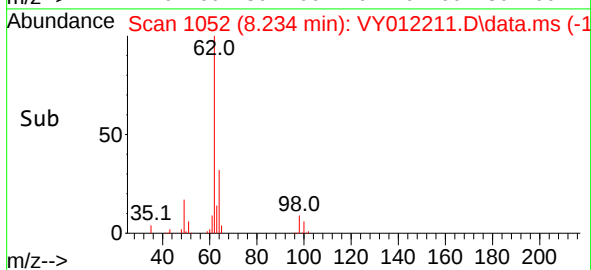
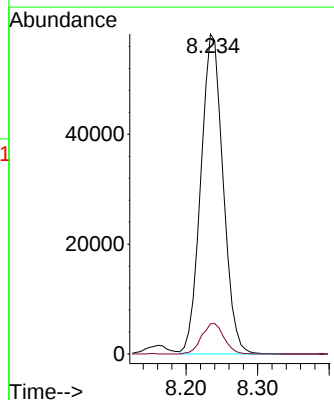
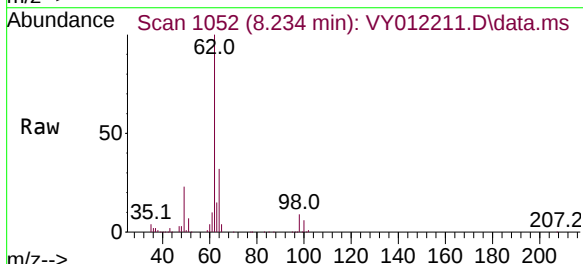
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

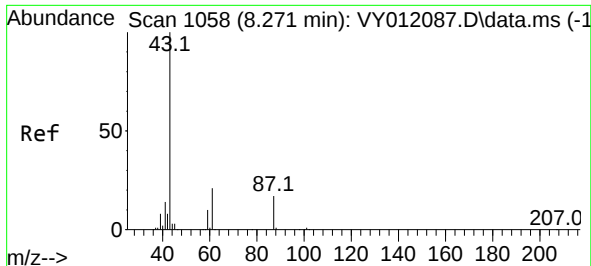
Tgt Ion:	41	Resp:	87276
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 49.833 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY012211.D
Acq: 16 Jan 2023 19:51

Tgt Ion:	62	Resp:	126063
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.6

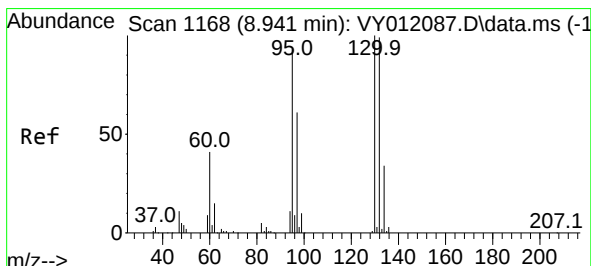
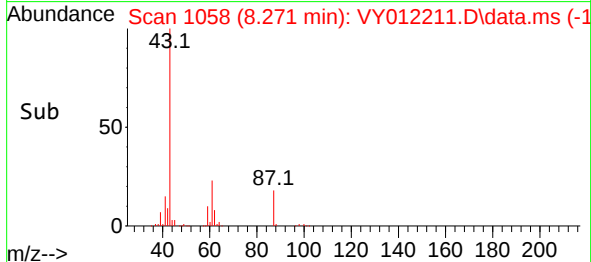
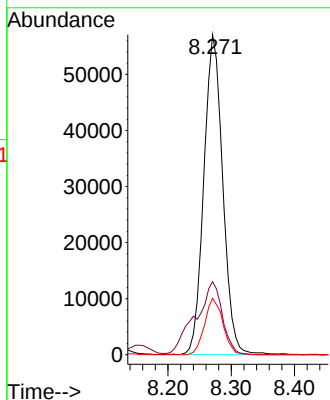
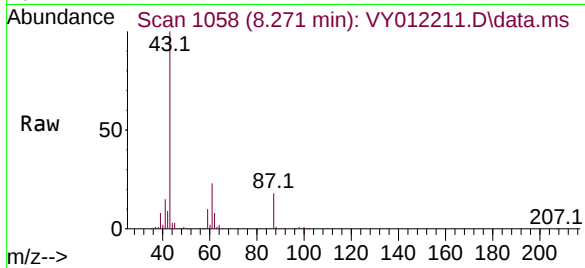




#43
Isopropyl Acetate
Concen: 52.707 ug/l
RT: 8.271 min Scan# 11058
Delta R.T. -0.001 min
Lab File: VY012211.D
Acq: 16 Jan 2023 19:51

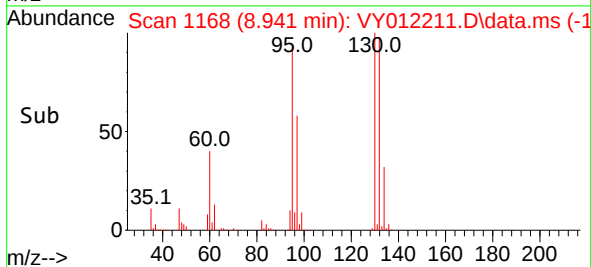
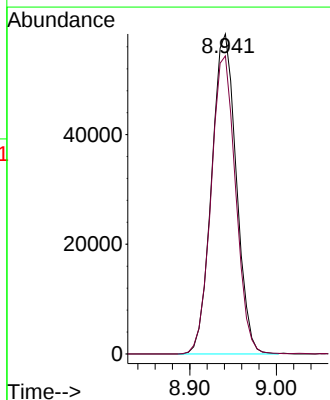
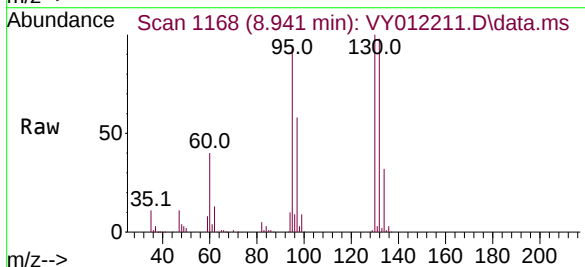
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

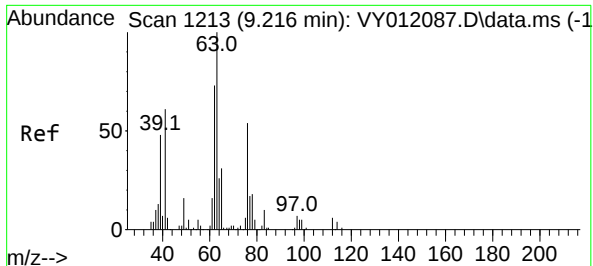
Tgt Ion: 43 Resp: 119014
Ion Ratio Lower Upper
43 100
61 32.3 24.4 36.6
87 17.0 11.4 17.2



#44
Trichloroethene
Concen: 48.511 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY012211.D
Acq: 16 Jan 2023 19:51

Tgt Ion:130 Resp: 115216
Ion Ratio Lower Upper
130 100
95 93.2 0.0 190.6





#45

1,2-Dichloropropane

Concen: 51.970 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.001 min

Lab File: VY012211.D

Acq: 16 Jan 2023 19:51

Instrument :

MSVOA_Y

ClientSampleId :

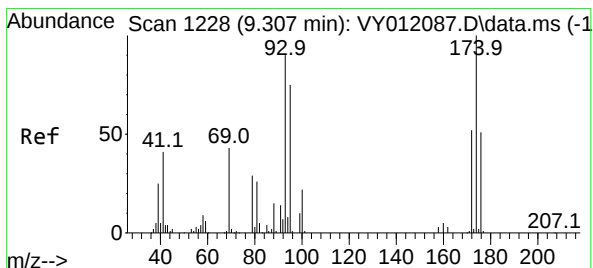
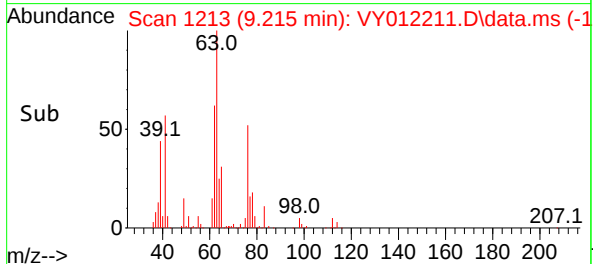
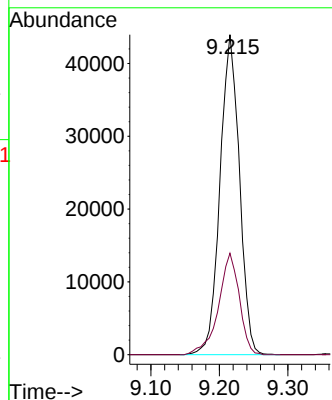
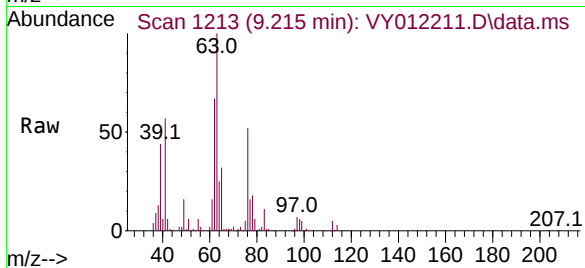
VSTDCCC050EC

Tgt Ion: 63 Resp: 86169

Ion Ratio Lower Upper

63 100

65 31.7 24.9 37.3



#46

Dibromomethane

Concen: 51.545 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY012211.D

Acq: 16 Jan 2023 19:51

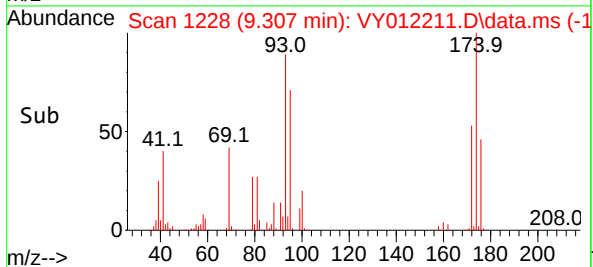
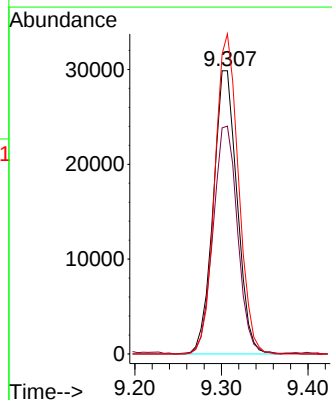
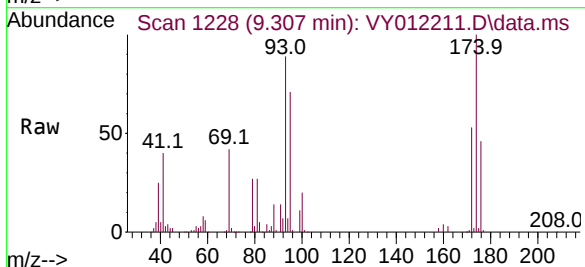
Tgt Ion: 93 Resp: 57215

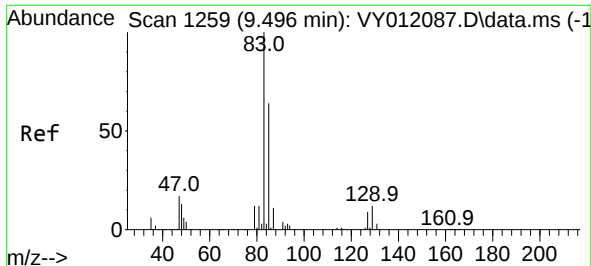
Ion Ratio Lower Upper

93 100

95 82.4 66.1 99.1

174 111.4 84.7 127.1

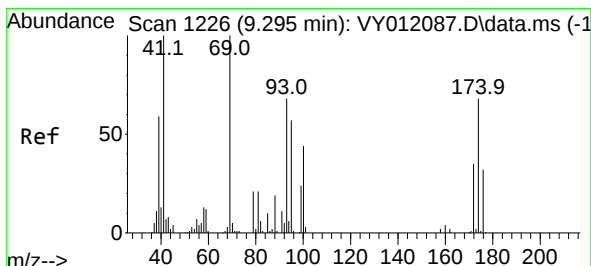
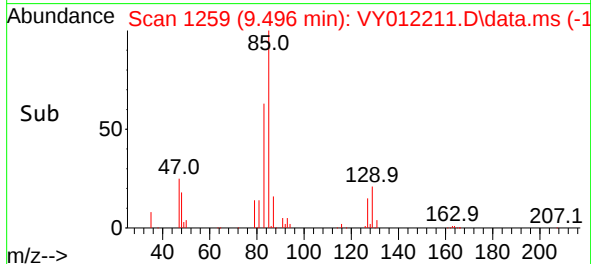
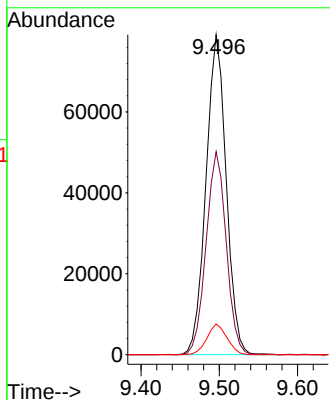
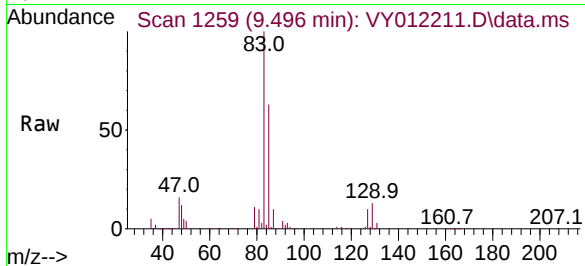




#47
Bromodichloromethane
Concen: 50.779 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY012211.D
Acq: 16 Jan 2023 19:51

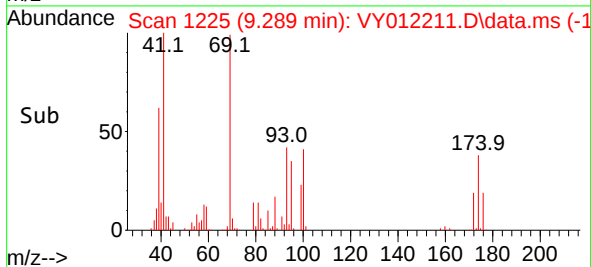
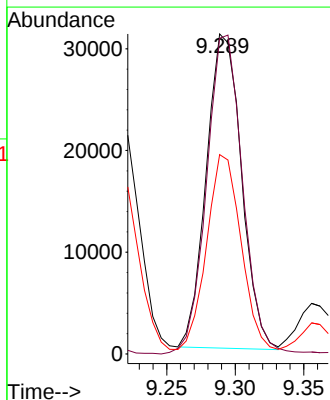
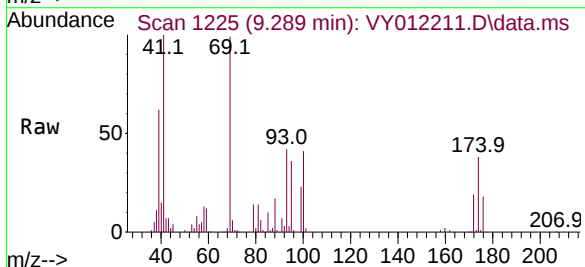
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

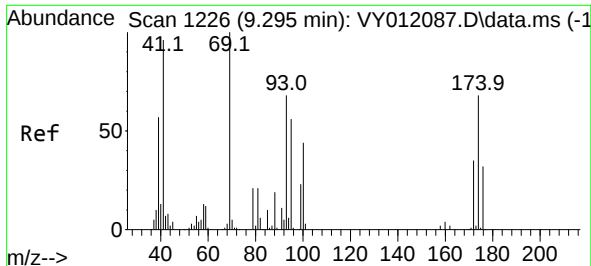
Tgt Ion: 83 Resp: 141881
Ion Ratio Lower Upper
83 100
85 63.4 52.0 78.0
127 9.6 7.3 10.9



#48
Methyl methacrylate
Concen: 53.009 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY012211.D
Acq: 16 Jan 2023 19:51

Tgt Ion: 41 Resp: 55151
Ion Ratio Lower Upper
41 100
69 104.3 74.2 111.2
39 60.6 46.3 69.5





#49

1,4-Dioxane

Concen: 1049.652 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012211.D

Acq: 16 Jan 2023 19:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

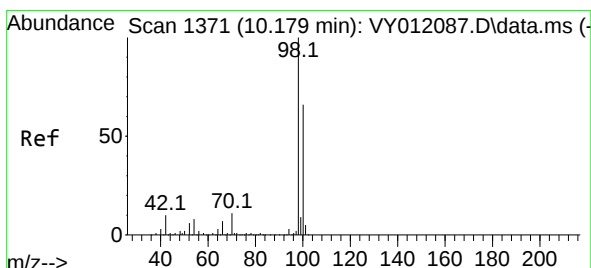
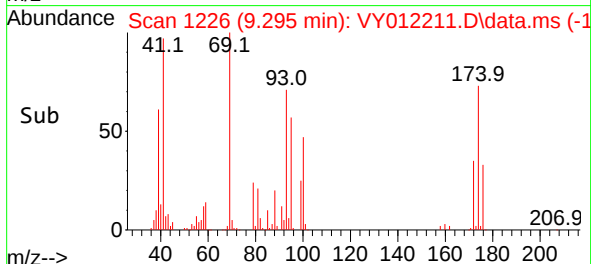
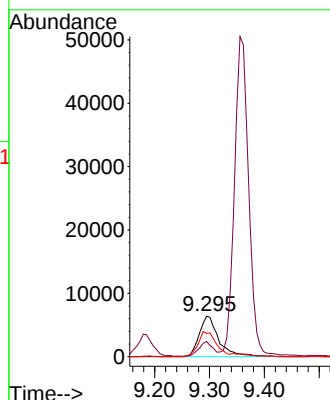
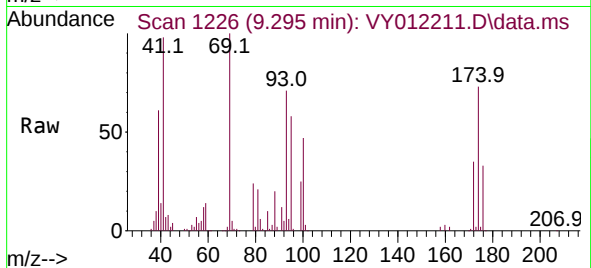
Tgt Ion: 88 Resp: 15876

Ion Ratio Lower Upper

88 100

43 25.3 26.2 39.2#

58 57.1 54.3 81.5



#50

Toluene-d8

Concen: 49.457 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012211.D

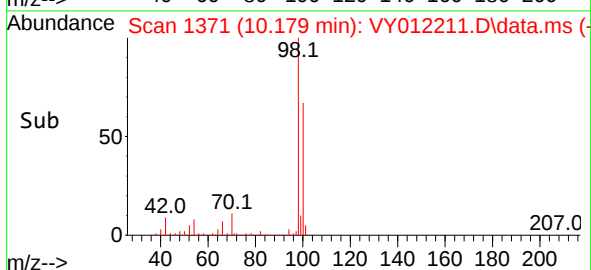
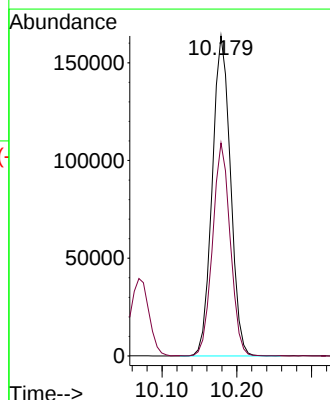
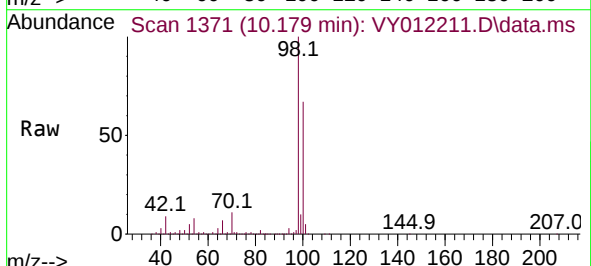
Acq: 16 Jan 2023 19:51

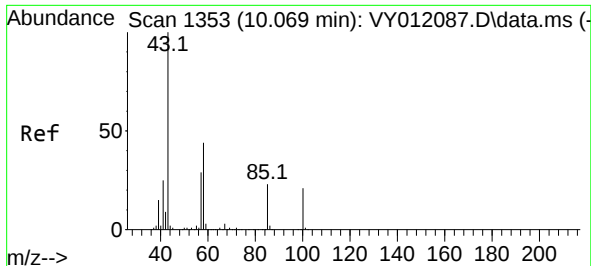
Tgt Ion: 98 Resp: 277851

Ion Ratio Lower Upper

98 100

100 64.5 51.9 77.9

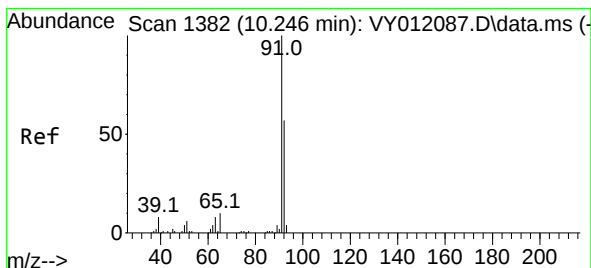
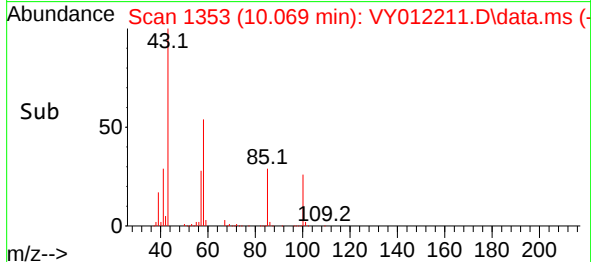
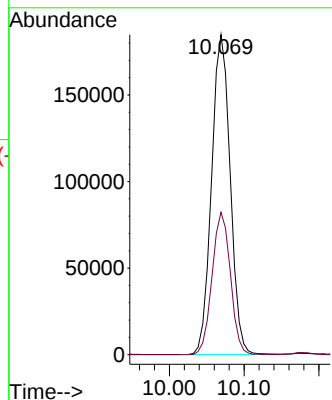
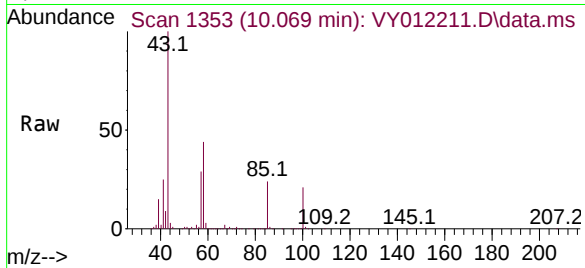




#51
4-Methyl-2-Pentanone
Concen: 265.746 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY012211.D
Acq: 16 Jan 2023 19:51

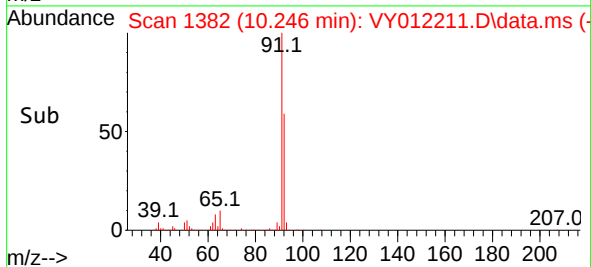
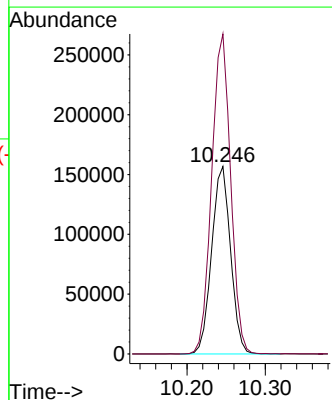
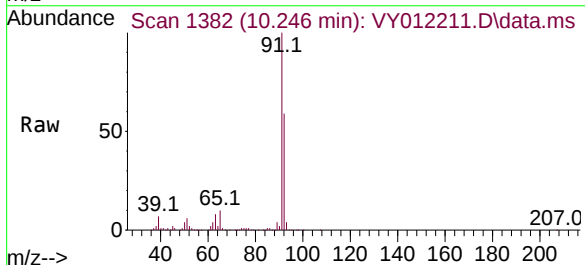
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

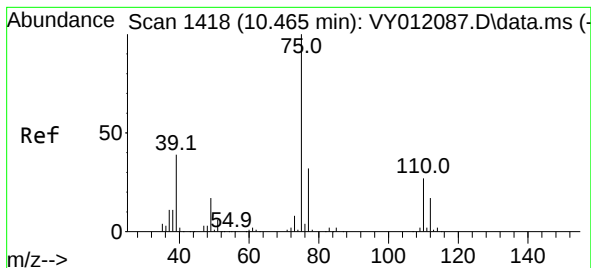
Tgt Ion: 43 Resp: 319970
Ion Ratio Lower Upper
43 100
58 43.8 32.9 49.3



#52
Toluene
Concen: 49.673 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY012211.D
Acq: 16 Jan 2023 19:51

Tgt Ion: 92 Resp: 262806
Ion Ratio Lower Upper
92 100
91 171.2 137.4 206.0

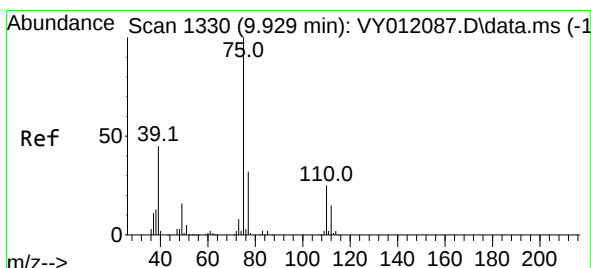
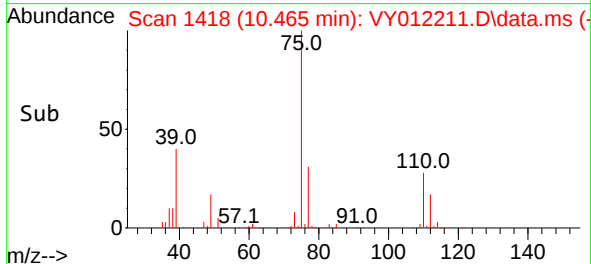
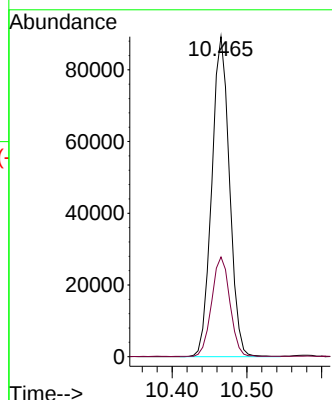
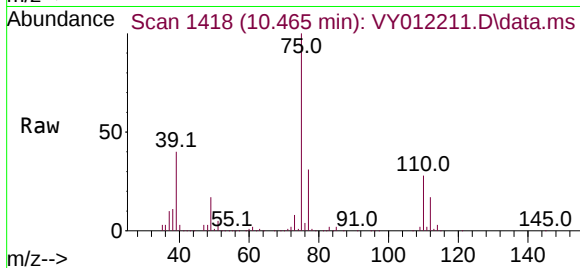




#53
t-1,3-Dichloropropene
Concen: 50.507 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY012211.D
Acq: 16 Jan 2023 19:51

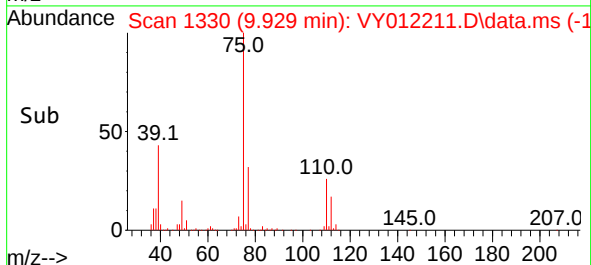
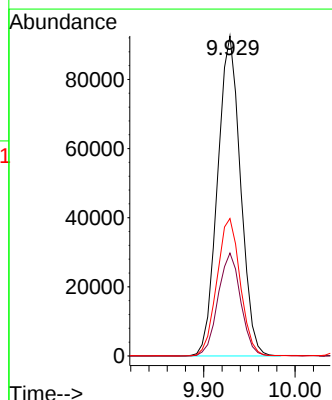
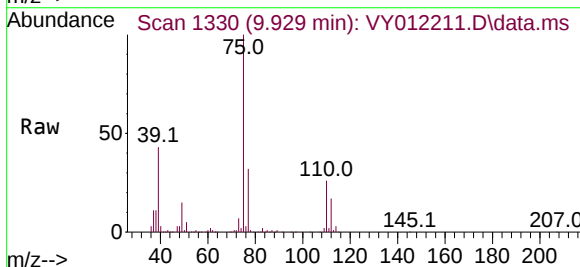
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

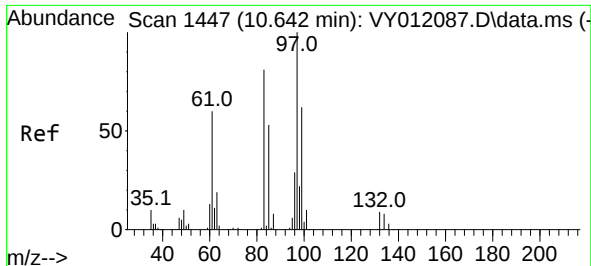
Tgt Ion: 75 Resp: 147613
Ion Ratio Lower Upper
75 100
77 31.1 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 51.364 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY012211.D
Acq: 16 Jan 2023 19:51

Tgt Ion: 75 Resp: 161668
Ion Ratio Lower Upper
75 100
77 32.2 25.9 38.9
39 43.0 34.6 52.0

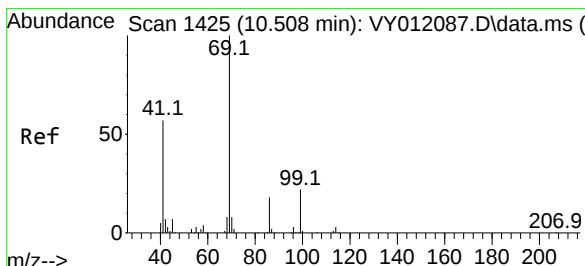
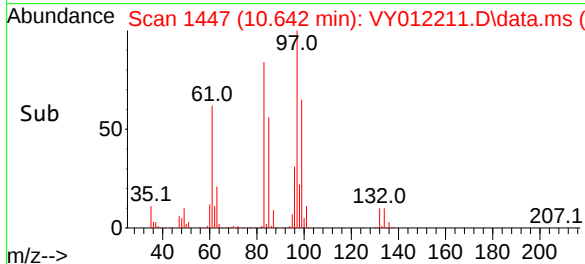
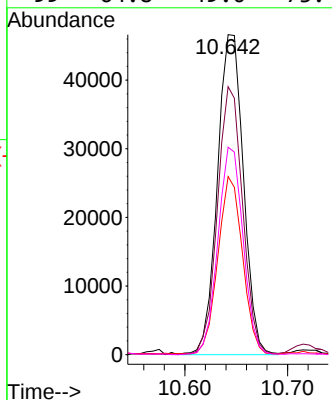
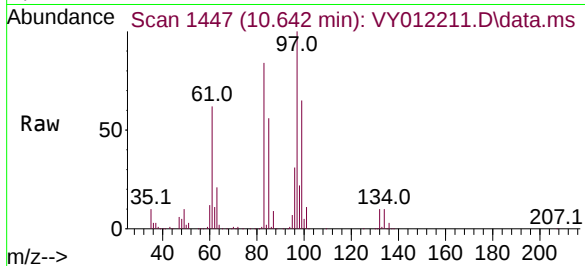




#55
1,1,2-Trichloroethane
Concen: 52.042 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY012211.D
Acq: 16 Jan 2023 19:51

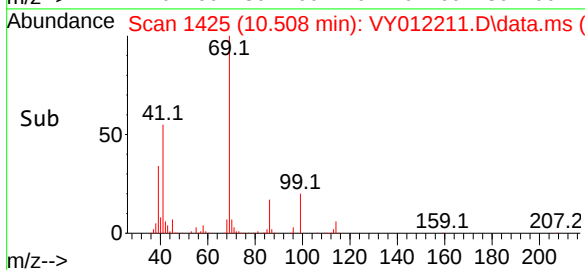
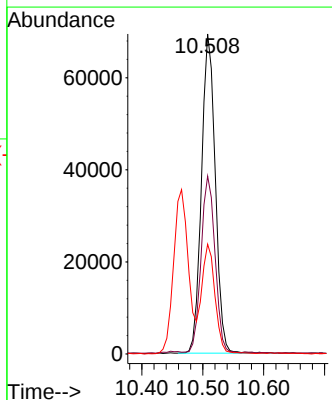
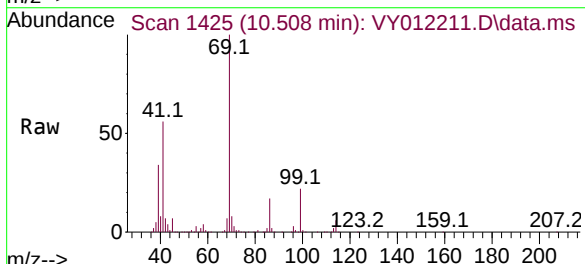
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

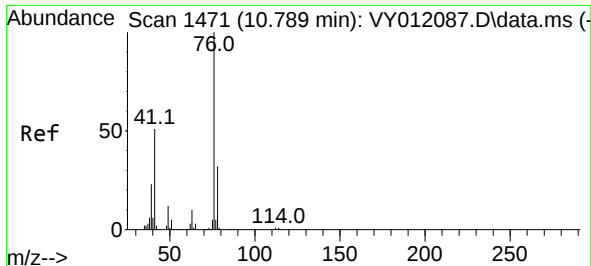
Tgt Ion:	97	Resp:	82073
Ion	Ratio	Lower	Upper
97	100		
83	83.6	67.7	101.5
85	55.4	43.8	65.8
99	64.8	49.0	73.4



#56
Ethyl methacrylate
Concen: 52.857 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY012211.D
Acq: 16 Jan 2023 19:51

Tgt Ion:	69	Resp:	109360
Ion	Ratio	Lower	Upper
69	100		
41	56.0	48.9	73.3
39	32.4	25.9	38.9





#57

1,3-Dichloropropane

Concen: 52.078 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.001 min

Lab File: VY012211.D

Acq: 16 Jan 2023 19:51

Instrument :

MSVOA_Y

ClientSampleId :

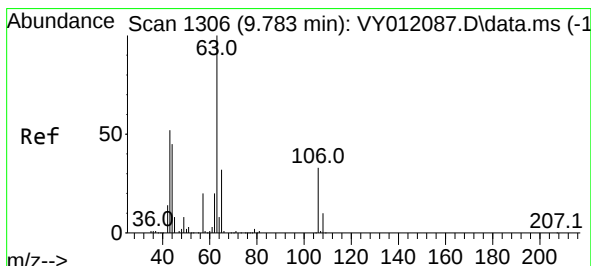
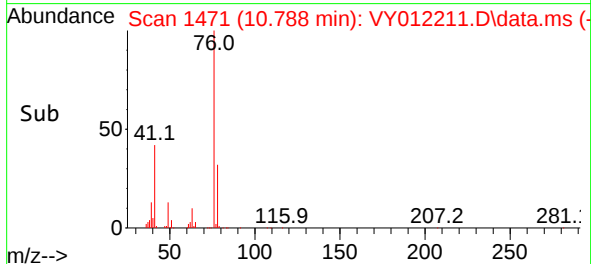
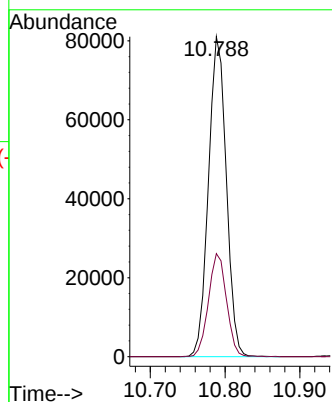
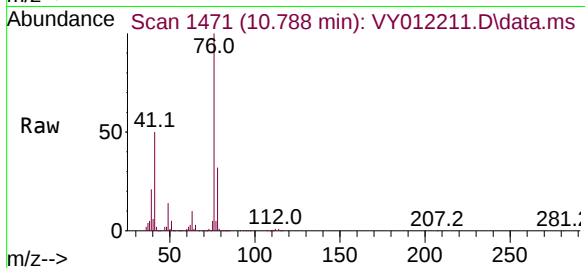
VSTDCCC050EC

Tgt Ion: 76 Resp: 134130

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 249.347 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.001 min

Lab File: VY012211.D

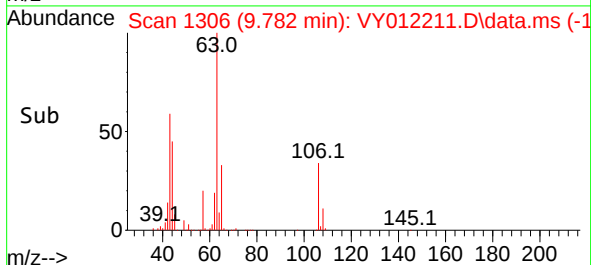
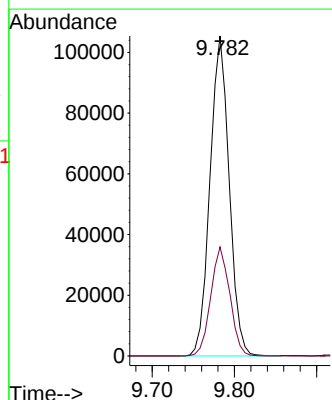
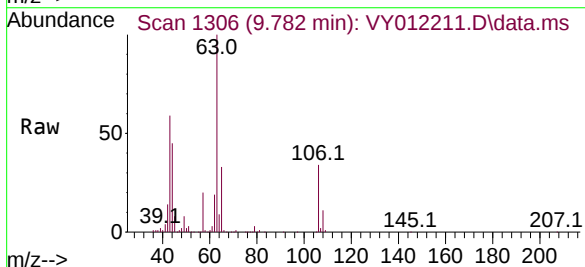
Acq: 16 Jan 2023 19:51

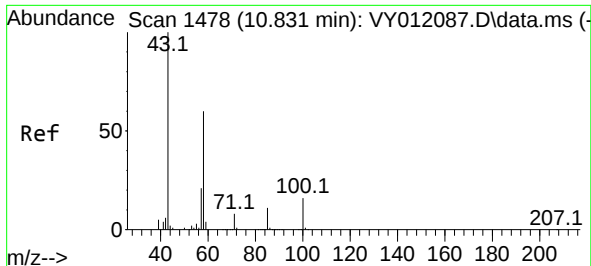
Tgt Ion: 63 Resp: 170702

Ion Ratio Lower Upper

63 100

106 33.9 23.2 34.8

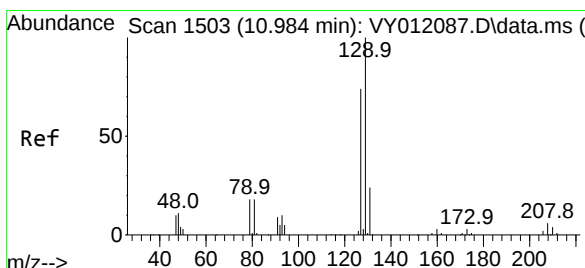
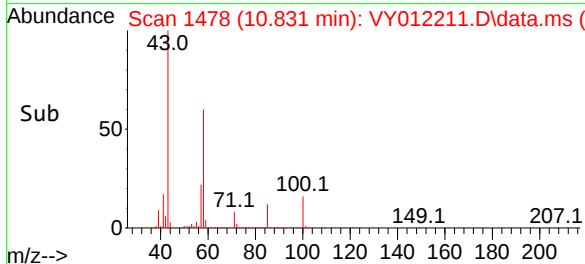
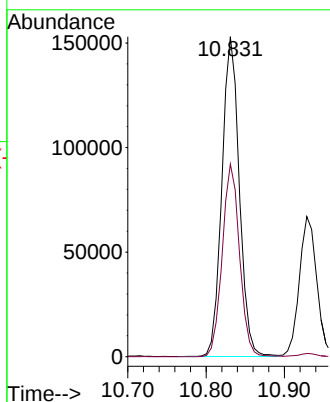
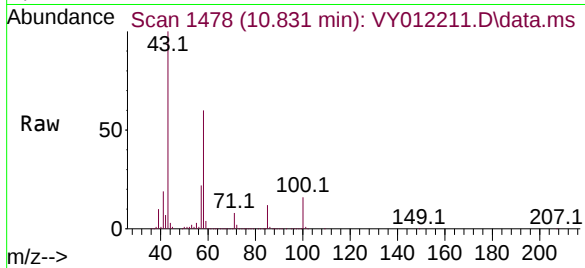




#59
2-Hexanone
Concen: 257.719 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY012211.D
Acq: 16 Jan 2023 19:51

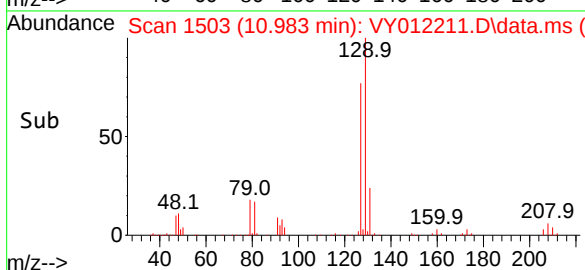
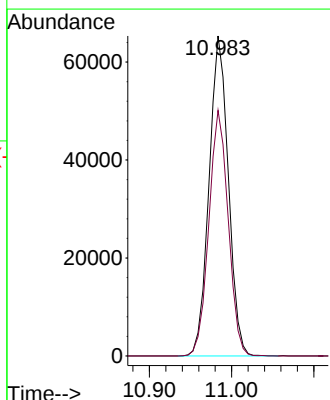
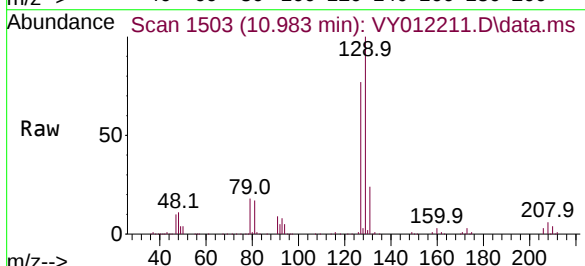
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

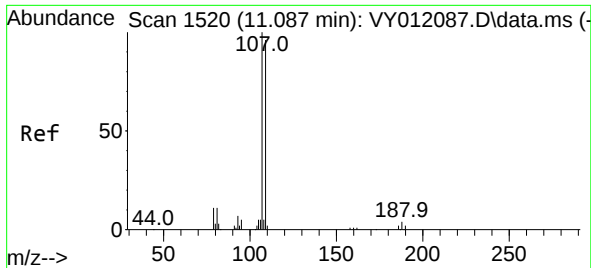
Tgt Ion: 43 Resp: 236251
Ion Ratio Lower Upper
43 100
58 59.9 28.4 85.2



#60
Dibromochloromethane
Concen: 50.861 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.001 min
Lab File: VY012211.D
Acq: 16 Jan 2023 19:51

Tgt Ion: 129 Resp: 106385
Ion Ratio Lower Upper
129 100
127 77.1 38.9 116.6

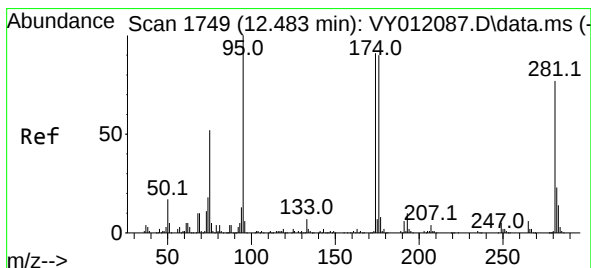
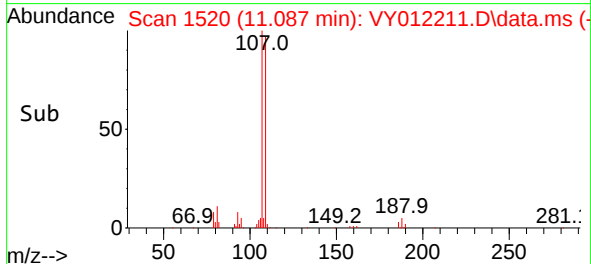
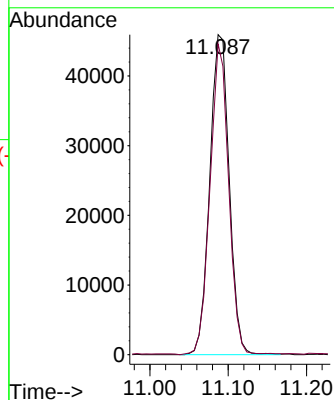
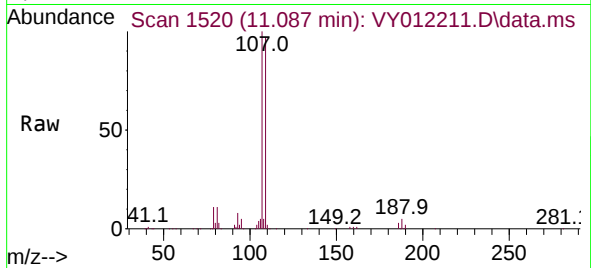




#61
1,2-Dibromoethane
Concen: 52.075 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY012211.D
Acq: 16 Jan 2023 19:51

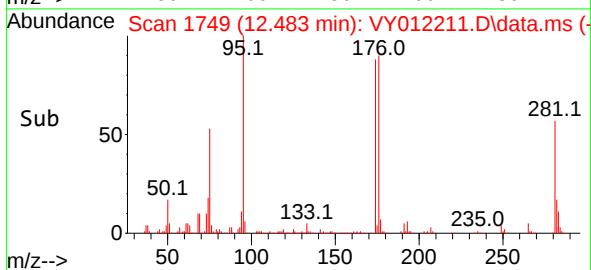
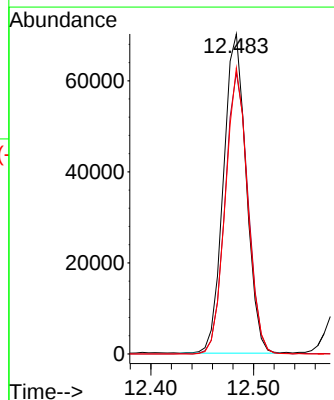
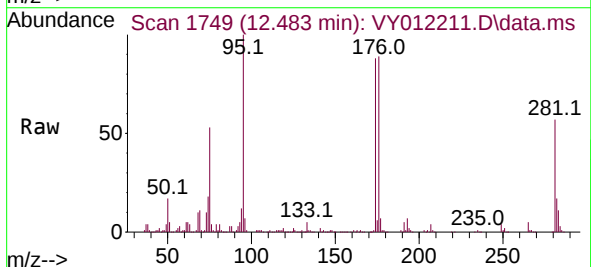
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

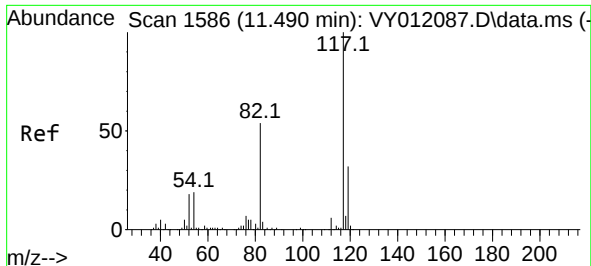
Tgt Ion:107 Resp: 79245
Ion Ratio Lower Upper
107 100
109 92.7 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 47.136 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012211.D
Acq: 16 Jan 2023 19:51

Tgt Ion: 95 Resp: 107640
Ion Ratio Lower Upper
95 100
174 89.2 0.0 172.0
176 87.9 0.0 167.6

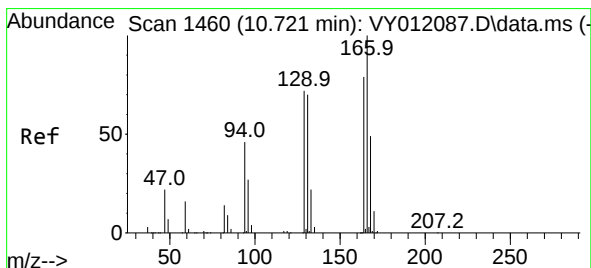
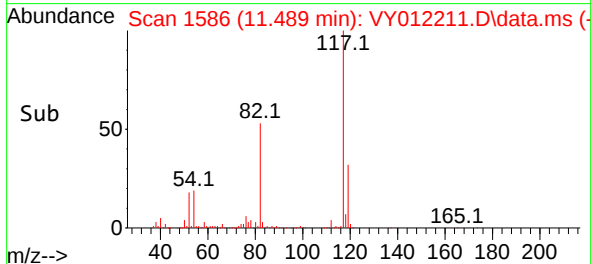
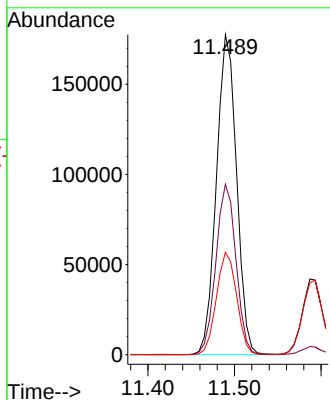
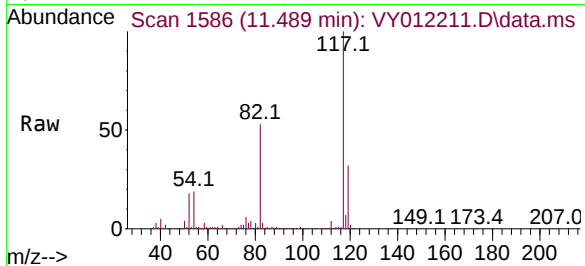




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY012211.D
Acq: 16 Jan 2023 19:51

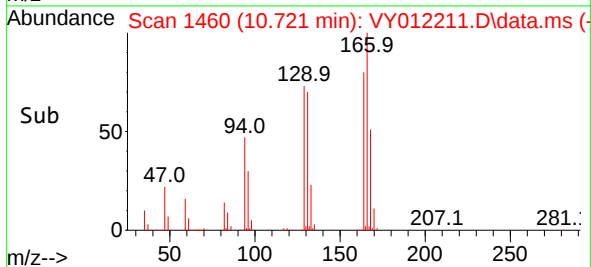
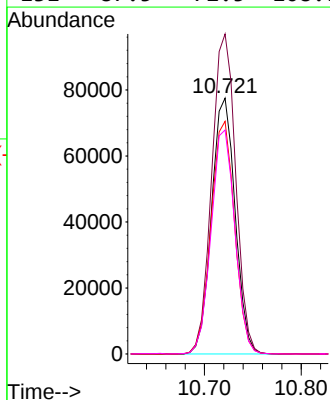
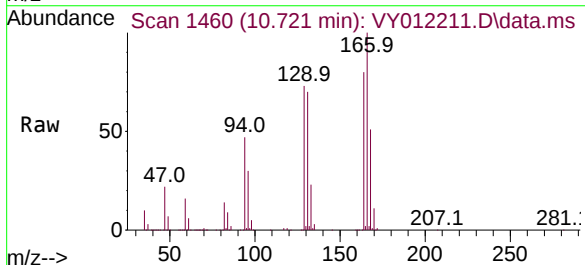
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

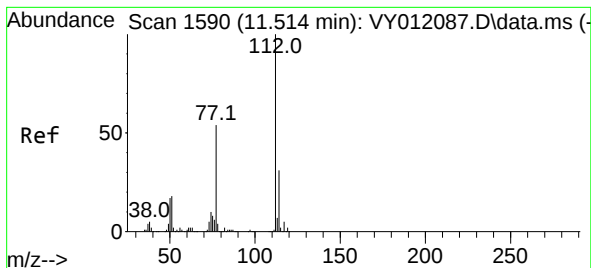
Tgt Ion:117 Resp: 287205
Ion Ratio Lower Upper
117 100
82 53.2 44.8 67.2
119 32.0 25.4 38.2



#64
Tetrachloroethene
Concen: 50.052 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY012211.D
Acq: 16 Jan 2023 19:51

Tgt Ion:164 Resp: 131171
Ion Ratio Lower Upper
164 100
166 125.1 102.3 153.5
129 90.9 77.2 115.8
131 87.5 72.5 108.7





#65

Chlorobenzene

Concen: 48.555 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012211.D

Acq: 16 Jan 2023 19:51

Instrument :

MSVOA_Y

ClientSampleId :

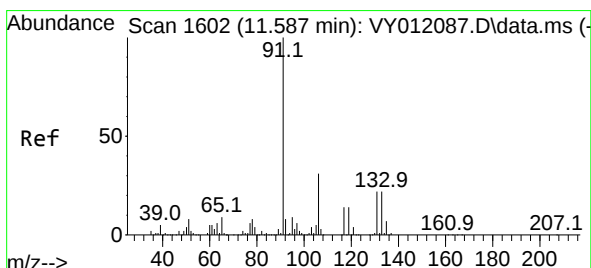
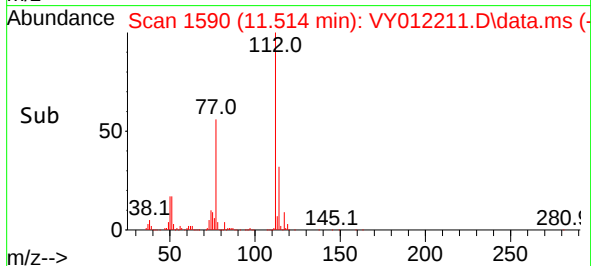
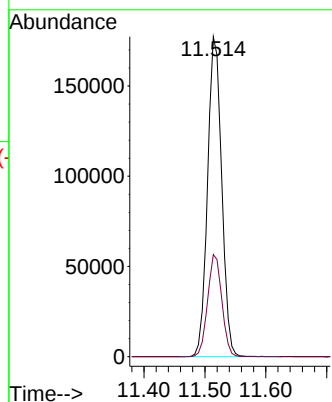
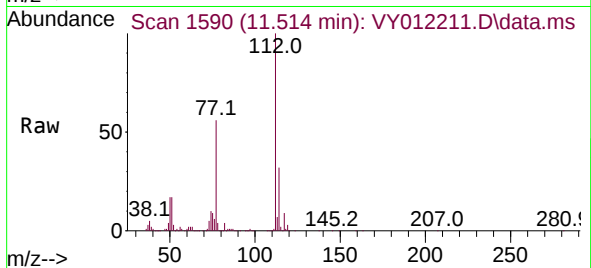
VSTDCCC050EC

Tgt Ion:112 Resp: 285326

Ion Ratio Lower Upper

112 100

114 31.9 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 49.190 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY012211.D

Acq: 16 Jan 2023 19:51

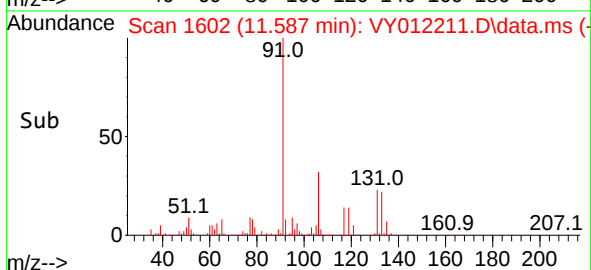
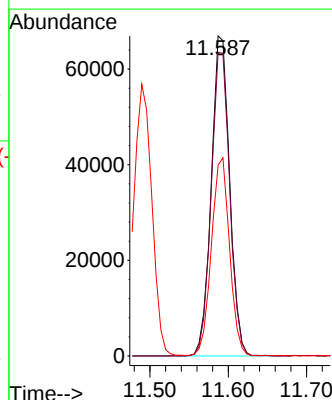
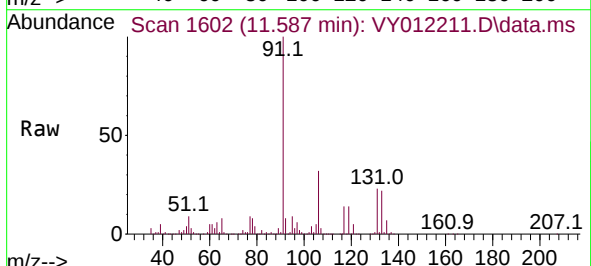
Tgt Ion:131 Resp: 109106

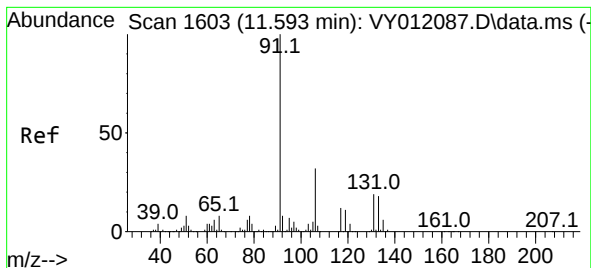
Ion Ratio Lower Upper

131 100

133 95.4 47.3 142.0

119 61.0 32.1 96.3

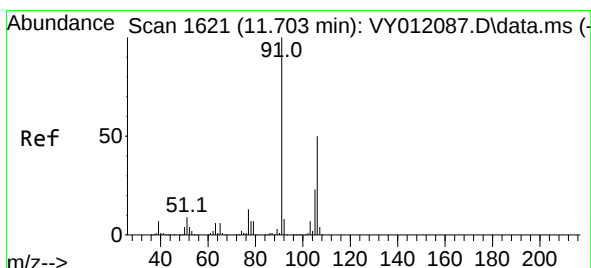
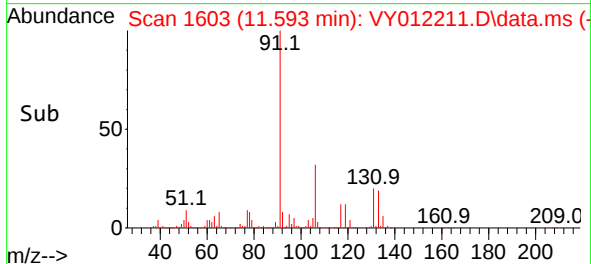
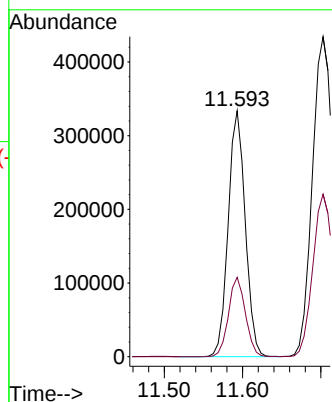
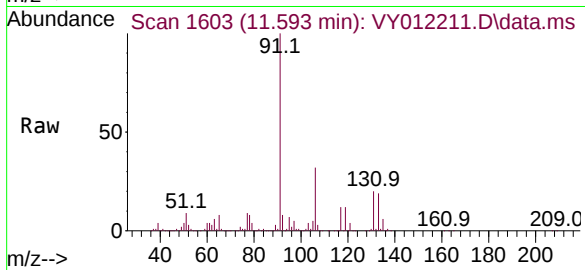




#67
Ethyl Benzene
Concen: 47.990 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY012211.D
Acq: 16 Jan 2023 19:51

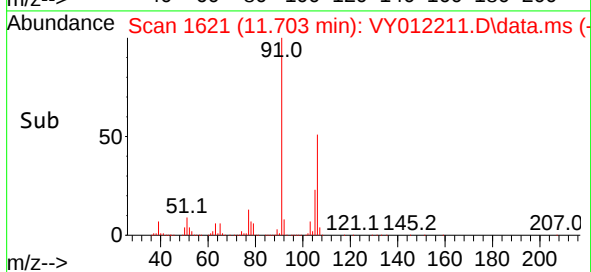
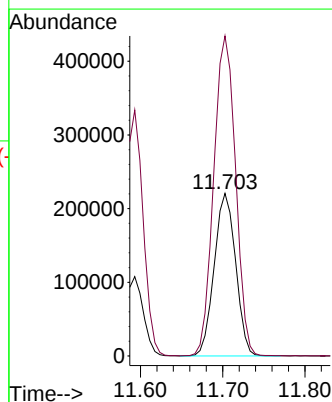
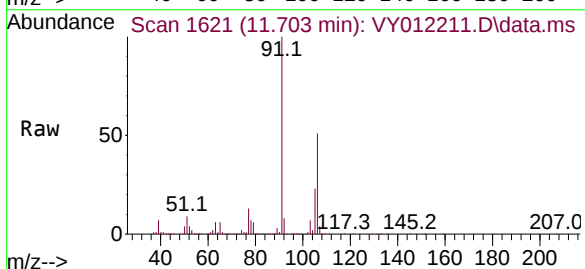
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

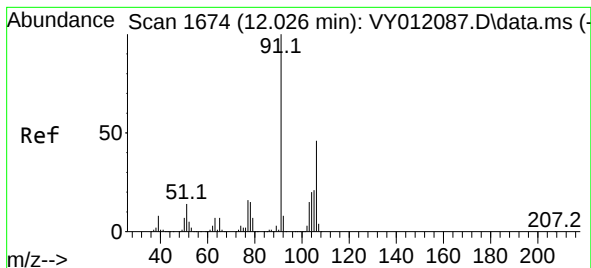
Tgt Ion: 91 Resp: 504002
Ion Ratio Lower Upper
91 100
106 32.3 25.0 37.4



#68
m/p-Xylenes
Concen: 96.217 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY012211.D
Acq: 16 Jan 2023 19:51

Tgt Ion:106 Resp: 399531
Ion Ratio Lower Upper
106 100
91 201.3 162.5 243.7

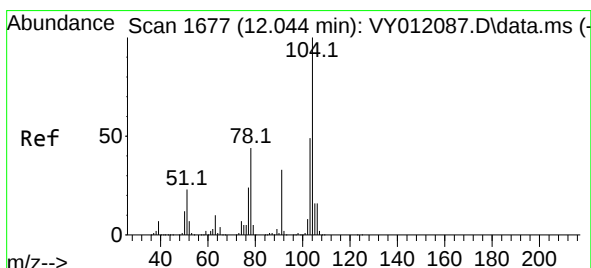
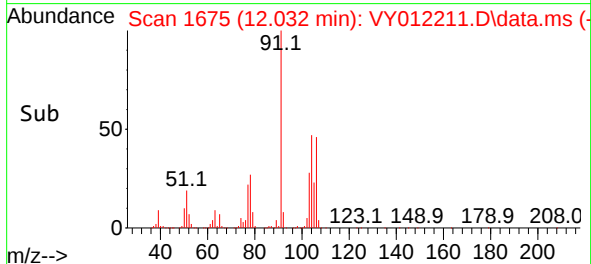
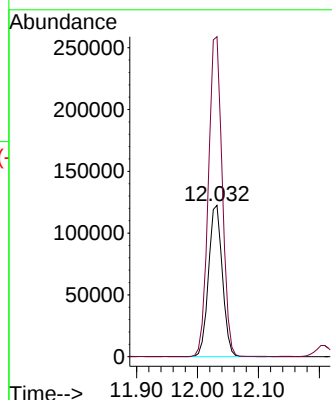
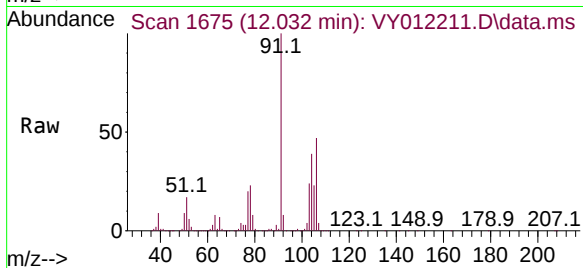




#69
o-Xylene
Concen: 48.749 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY012211.D
Acq: 16 Jan 2023 19:51

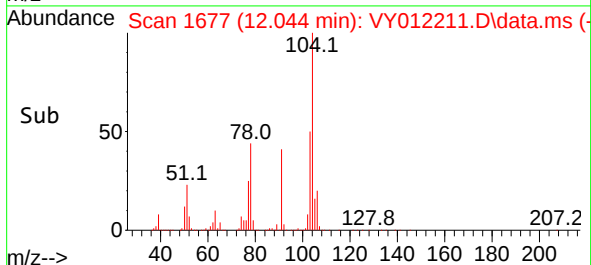
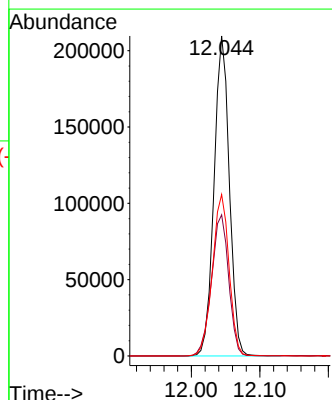
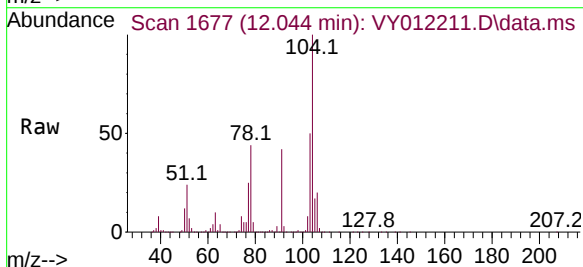
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

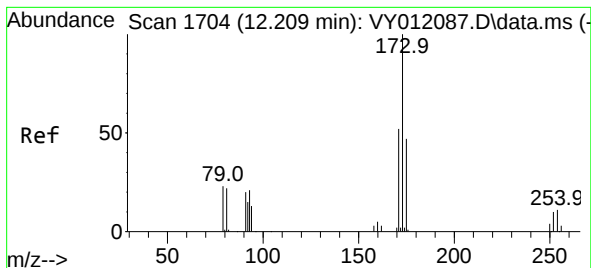
Tgt Ion:106 Resp: 193347
Ion Ratio Lower Upper
106 100
91 211.0 107.5 322.4



#70
Styrene
Concen: 49.151 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY012211.D
Acq: 16 Jan 2023 19:51

Tgt Ion:104 Resp: 325717
Ion Ratio Lower Upper
104 100
78 49.6 39.4 59.0
103 55.0 43.0 64.4





#71

Bromoform

Concen: 49.586 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012211.D

Acq: 16 Jan 2023 19:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

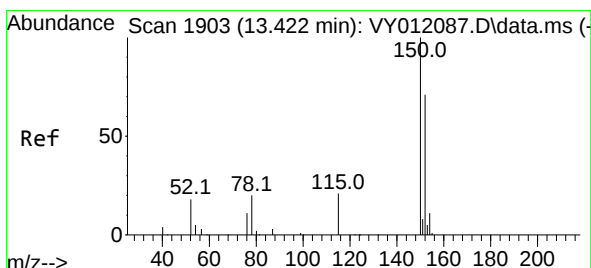
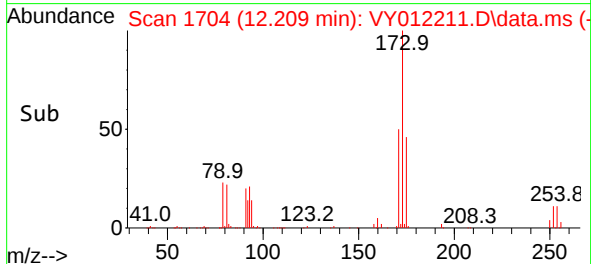
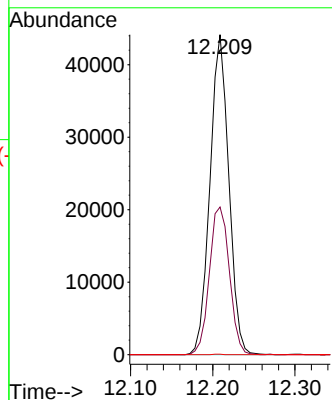
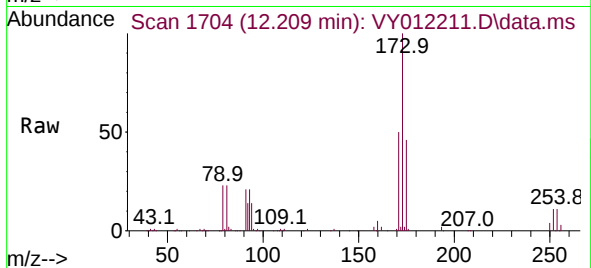
Tgt Ion:173 Resp: 70269

Ion Ratio Lower Upper

173 100

175 49.0 23.8 71.5

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY012211.D

Acq: 16 Jan 2023 19:51

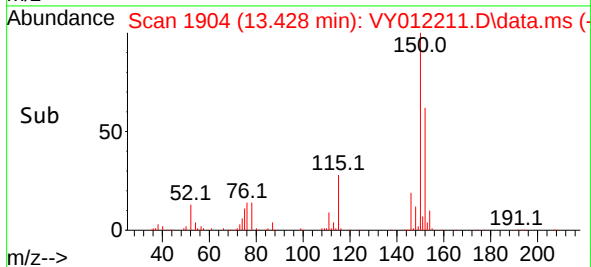
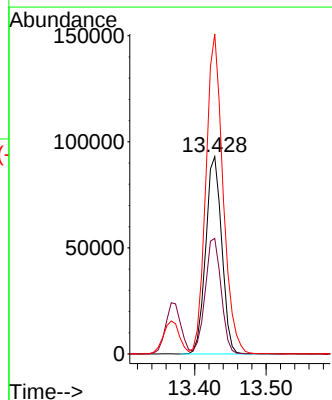
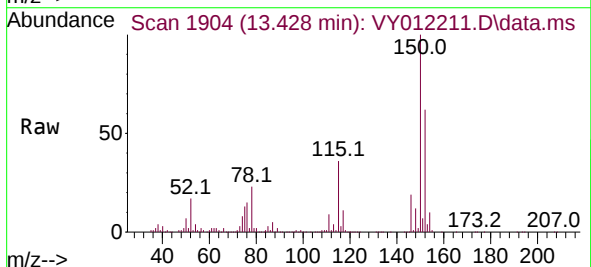
Tgt Ion:152 Resp: 144878

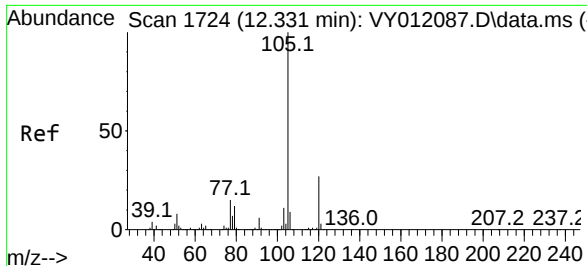
Ion Ratio Lower Upper

152 100

115 57.9 29.1 87.3

150 173.4 0.0 342.6

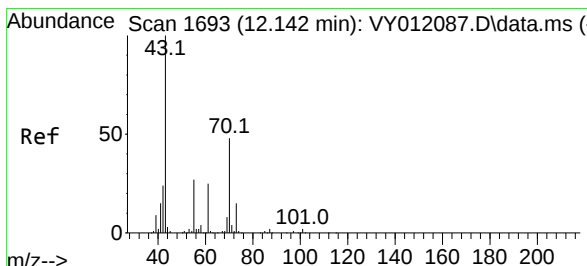
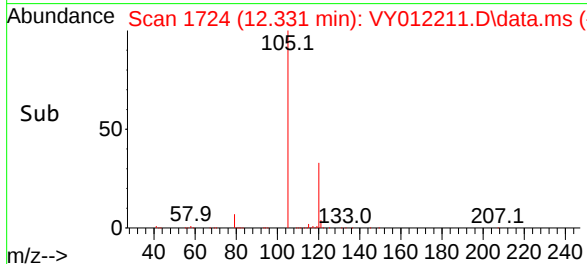
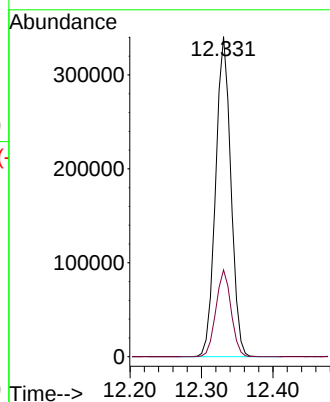
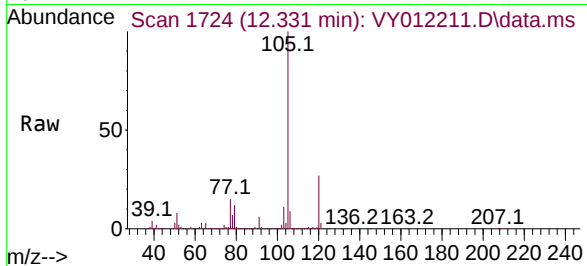




#73
Isopropylbenzene
Concen: 48.261 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012211.D
Acq: 16 Jan 2023 19:51

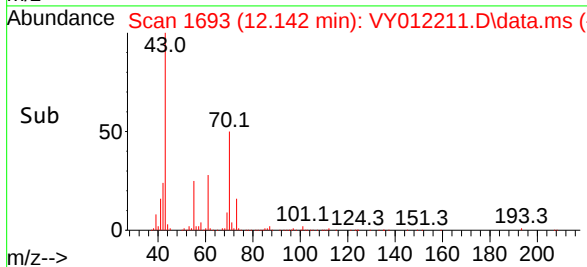
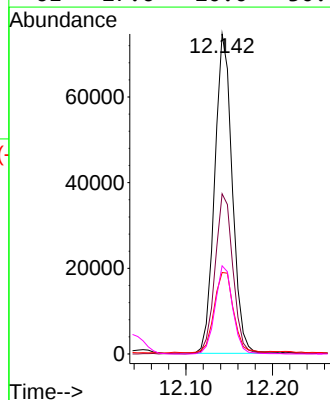
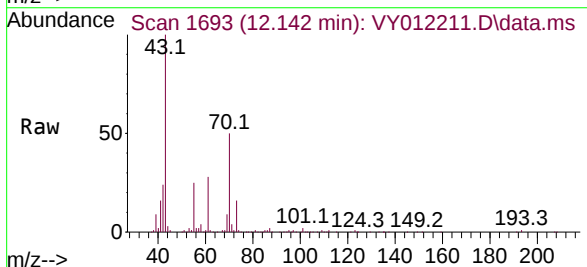
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

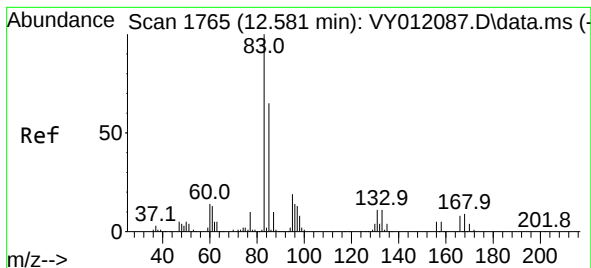
Tgt Ion:105 Resp: 504184
Ion Ratio Lower Upper
105 100
120 26.9 13.2 39.6



#74
N-ethyl acetate
Concen: 51.328 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY012211.D
Acq: 16 Jan 2023 19:51

Tgt Ion: 43 Resp: 105115
Ion Ratio Lower Upper
43 100
70 51.1 35.8 53.8
55 27.8 21.0 31.4
61 27.6 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.781 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY012211.D

Acq: 16 Jan 2023 19:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

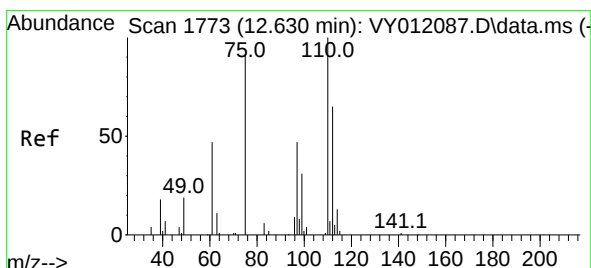
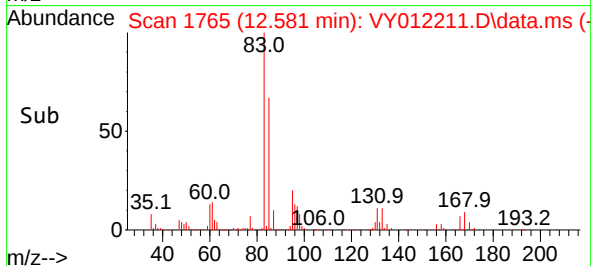
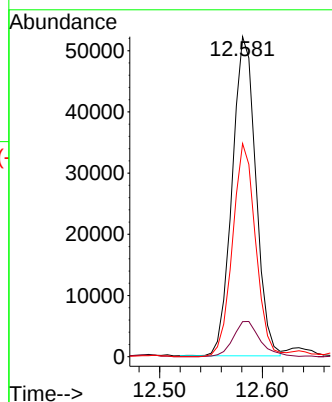
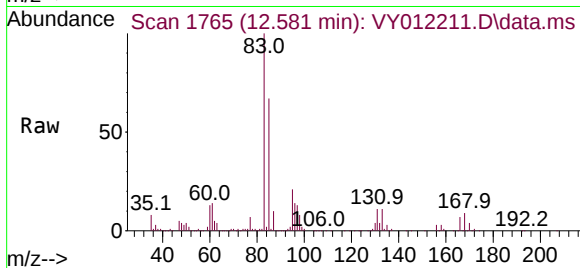
Tgt Ion: 83 Resp: 83561

Ion Ratio Lower Upper

83 100

131 12.7 5.6 16.8

85 65.4 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 92.606 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY012211.D

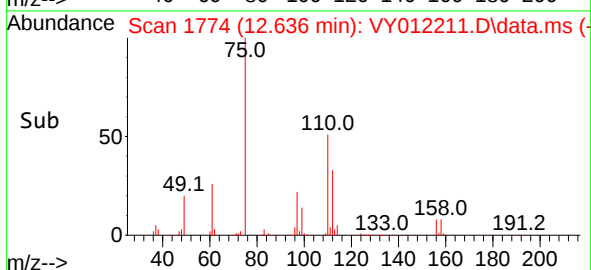
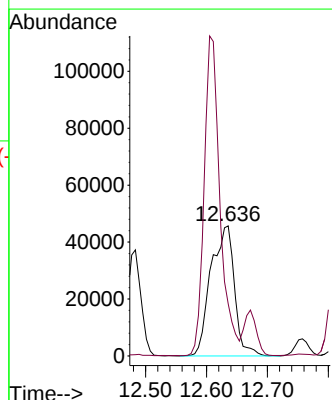
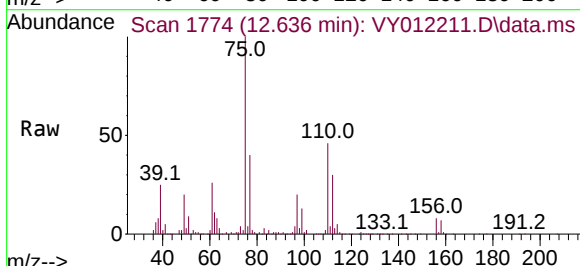
Acq: 16 Jan 2023 19:51

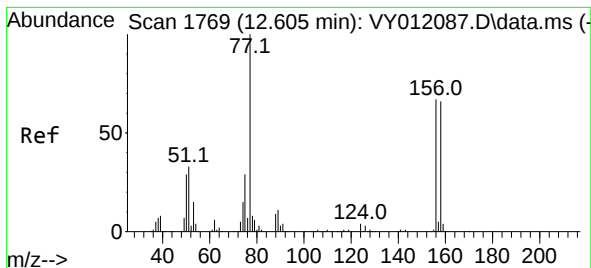
Tgt Ion: 75 Resp: 123370

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.232 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY012211.D

Acq: 16 Jan 2023 19:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

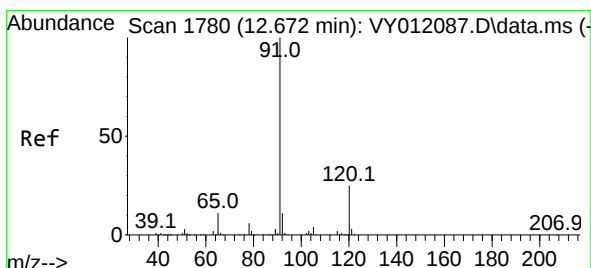
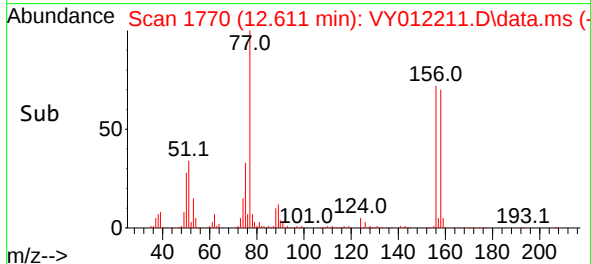
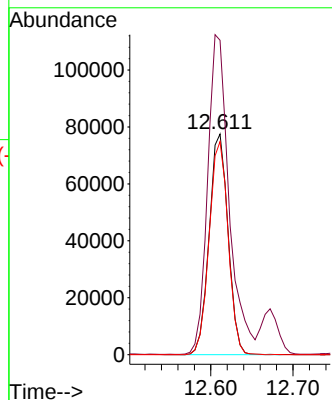
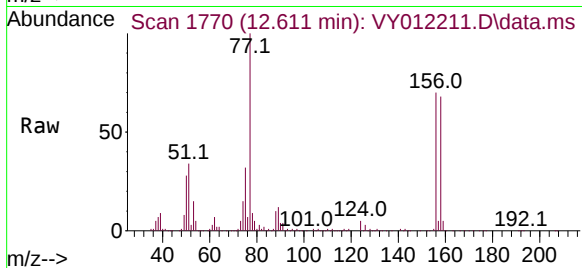
Tgt Ion:156 Resp: 123761

Ion Ratio Lower Upper

156 100

77 164.8 90.0 270.0

158 97.0 48.4 145.2



#78

n-propylbenzene

Concen: 47.870 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY012211.D

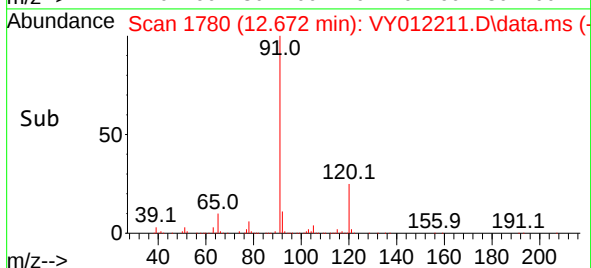
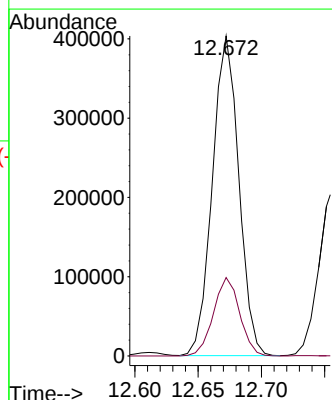
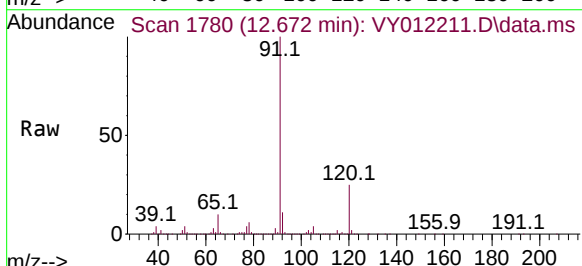
Acq: 16 Jan 2023 19:51

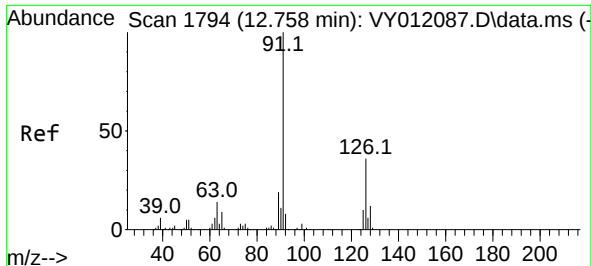
Tgt Ion: 91 Resp: 585208

Ion Ratio Lower Upper

91 100

120 24.3 11.8 35.4

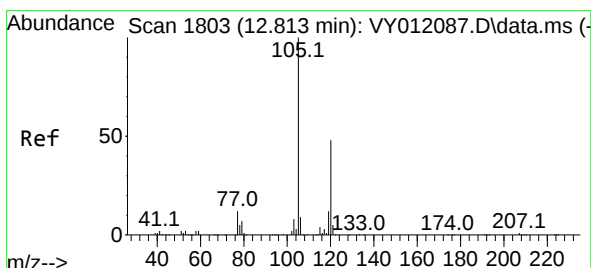
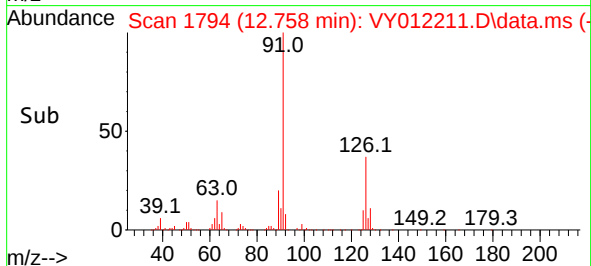
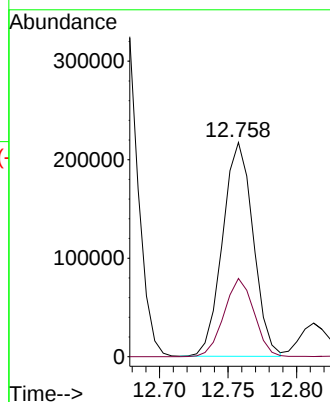
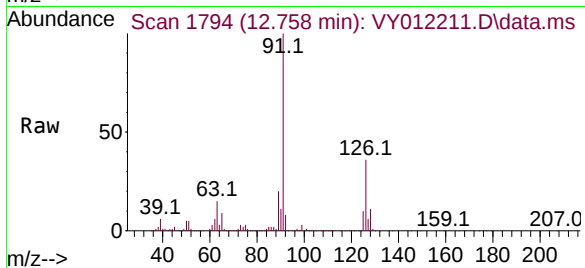




#79
2-Chlorotoluene
Concen: 48.825 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY012211.D
Acq: 16 Jan 2023 19:51

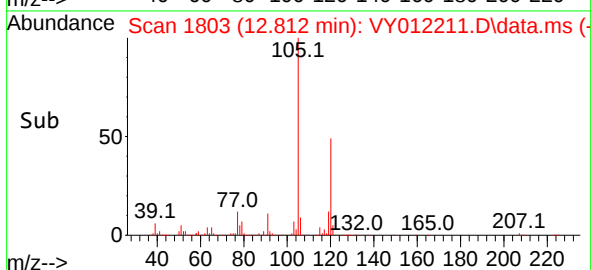
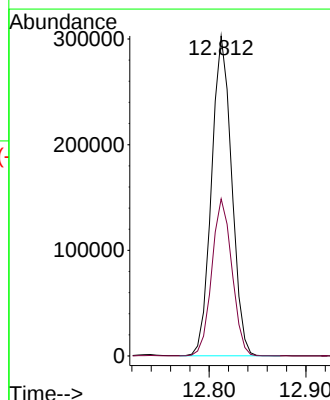
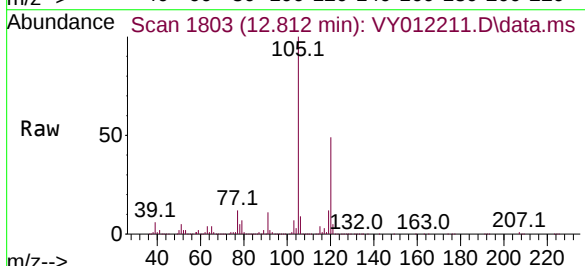
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

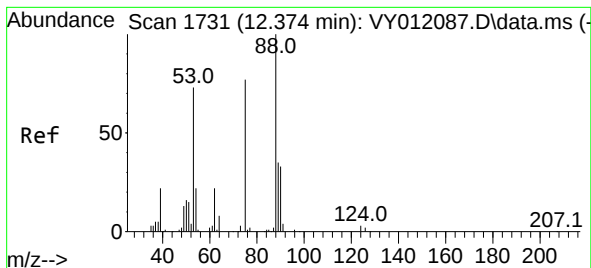
Tgt Ion: 91 Resp: 337478
Ion Ratio Lower Upper
91 100
126 35.9 17.2 51.5



#80
1,3,5-Trimethylbenzene
Concen: 48.142 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.001 min
Lab File: VY012211.D
Acq: 16 Jan 2023 19:51

Tgt Ion: 105 Resp: 437214
Ion Ratio Lower Upper
105 100
120 49.2 24.2 72.6

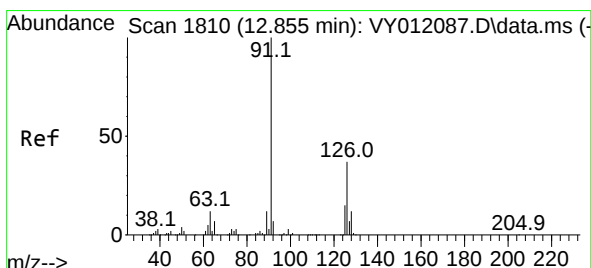
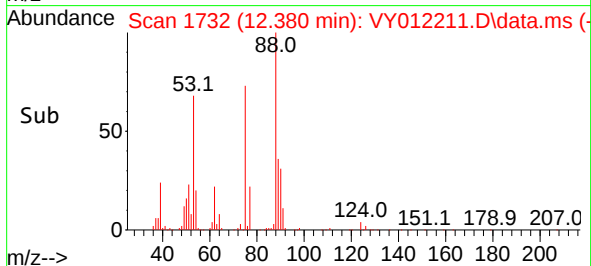
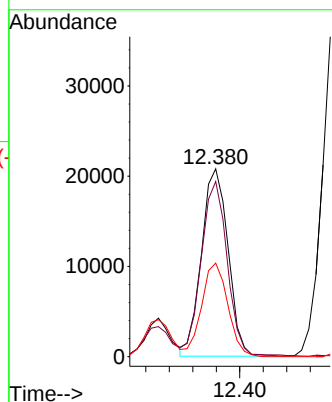
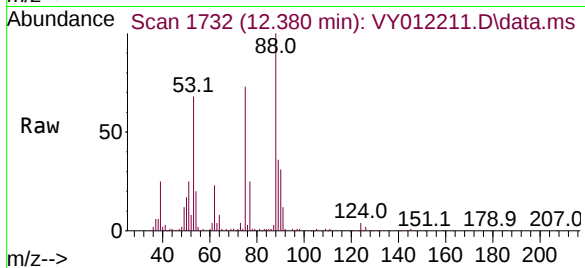




#81
trans-1,4-Dichloro-2-butene
Concen: 50.541 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.006 min
Lab File: VY012211.D
Acq: 16 Jan 2023 19:51

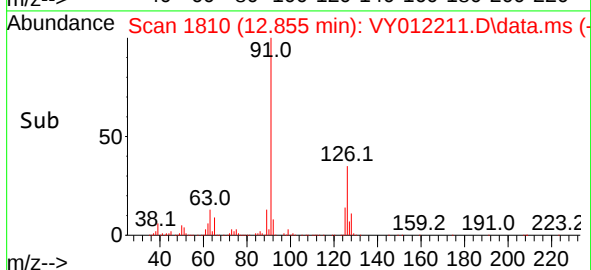
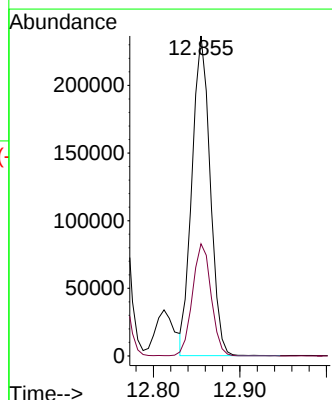
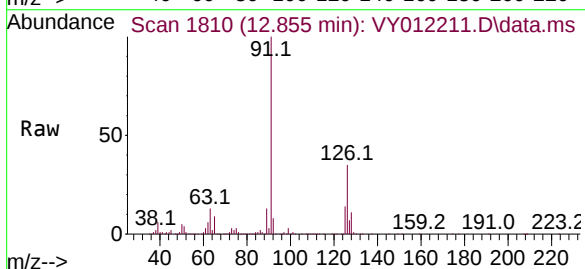
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

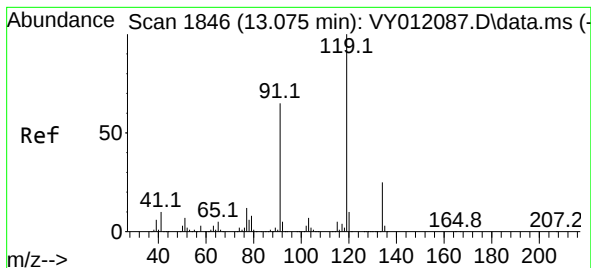
Tgt Ion: 75 Resp: 32678
Ion Ratio Lower Upper
75 100
53 91.1 72.5 108.7
89 49.5 37.0 55.4



#82
4-Chlorotoluene
Concen: 47.425 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012211.D
Acq: 16 Jan 2023 19:51

Tgt Ion: 91 Resp: 344329
Ion Ratio Lower Upper
91 100
126 36.1 17.1 51.2

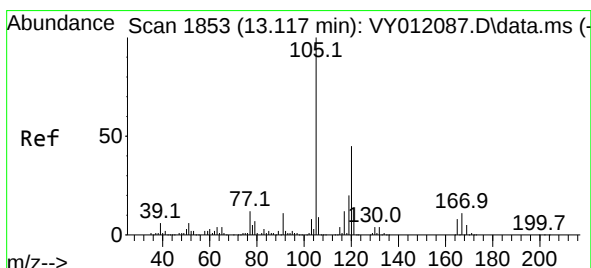
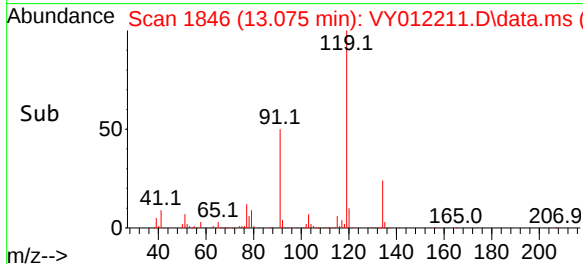
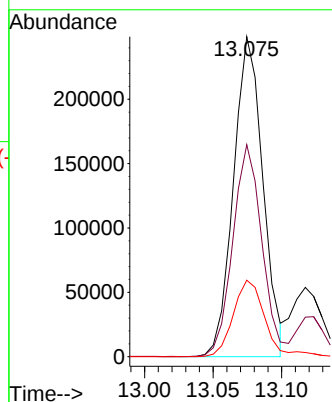
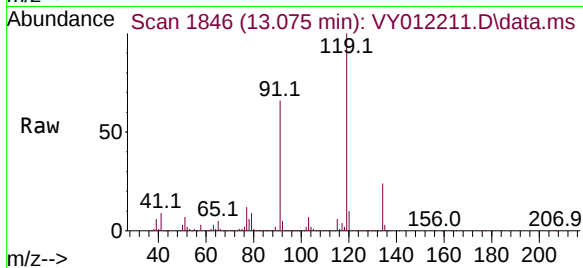




#83
 tert-Butylbenzene
 Concen: 46.928 ug/l
 RT: 13.075 min Scan# 1846
 Delta R.T. -0.000 min
 Lab File: VY012211.D
 Acq: 16 Jan 2023 19:51

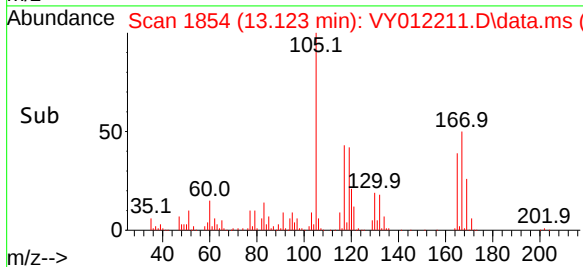
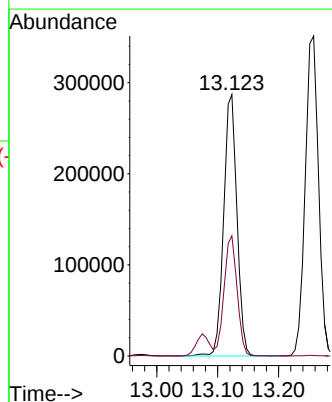
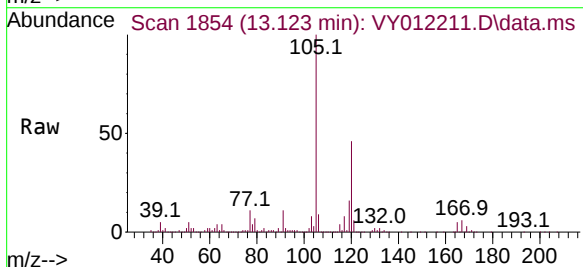
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

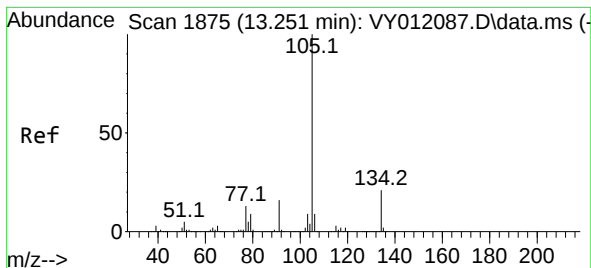
Tgt Ion:119 Resp: 371454
 Ion Ratio Lower Upper
 119 100
 91 65.9 32.3 96.8
 134 25.7 13.0 39.0



#84
 1,2,4-Trimethylbenzene
 Concen: 48.630 ug/l
 RT: 13.123 min Scan# 1854
 Delta R.T. 0.006 min
 Lab File: VY012211.D
 Acq: 16 Jan 2023 19:51

Tgt Ion:105 Resp: 435543
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.9 68.7





#85

sec-Butylbenzene

Concen: 47.121 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY012211.D

Acq: 16 Jan 2023 19:51

Instrument :

MSVOA_Y

ClientSampleId :

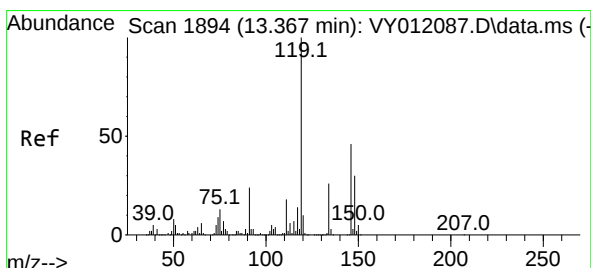
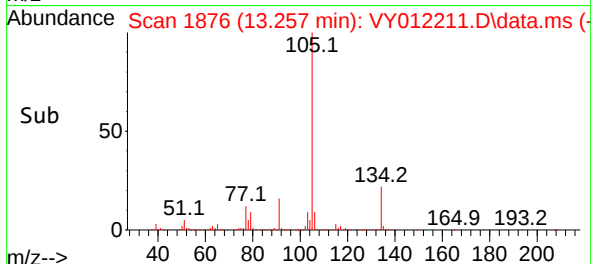
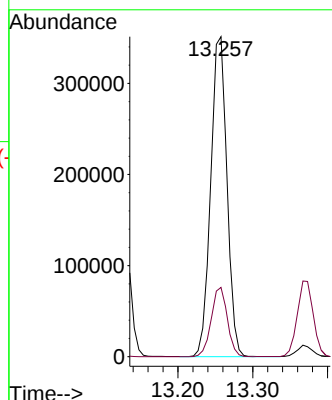
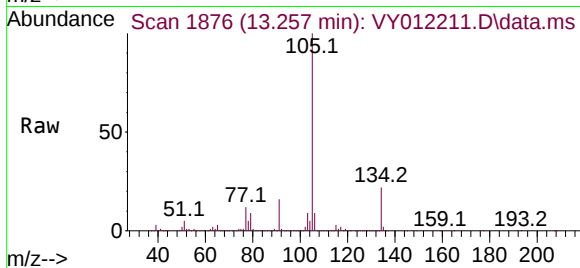
VSTDCCC050EC

Tgt Ion:105 Resp: 531036

Ion Ratio Lower Upper

105 100

134 21.4 10.1 30.3



#86

p-Isopropyltoluene

Concen: 47.288 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012211.D

Acq: 16 Jan 2023 19:51

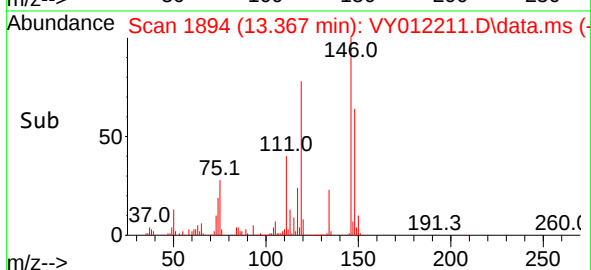
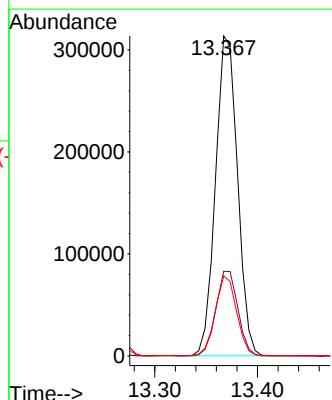
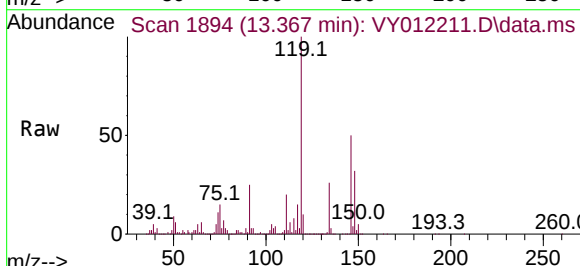
Tgt Ion:119 Resp: 465614

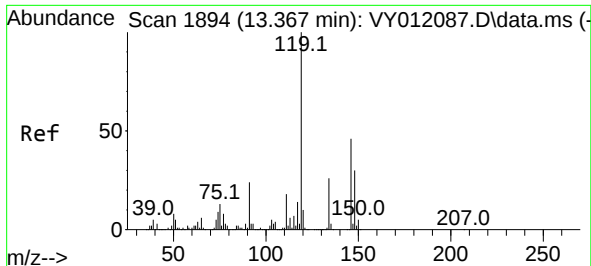
Ion Ratio Lower Upper

119 100

134 26.4 13.0 39.0

91 24.2 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 47.882 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012211.D

Acq: 16 Jan 2023 19:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

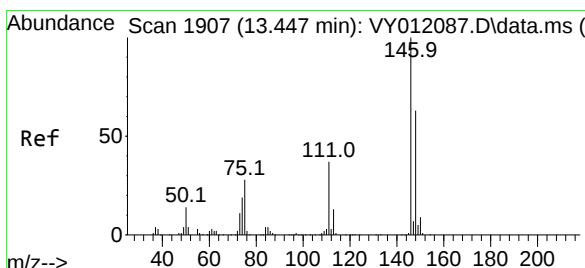
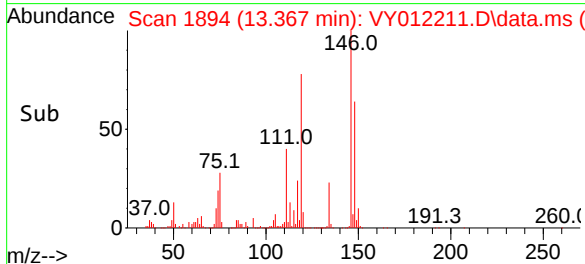
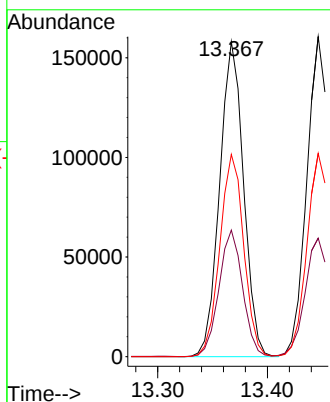
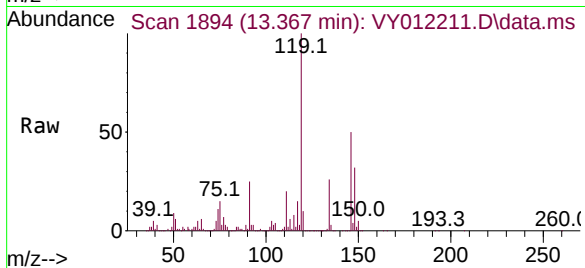
Tgt Ion:146 Resp: 239397

Ion Ratio Lower Upper

146 100

111 39.6 19.7 59.0

148 64.2 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 47.539 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.001 min

Lab File: VY012211.D

Acq: 16 Jan 2023 19:51

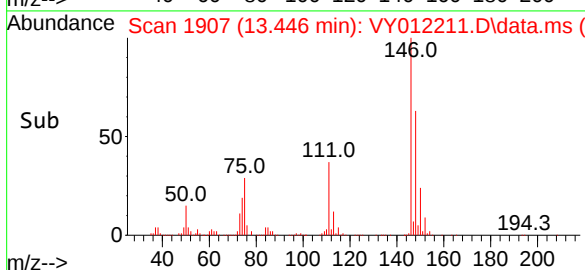
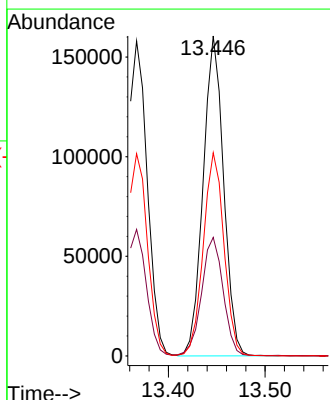
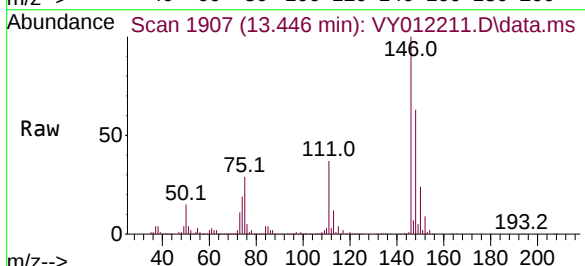
Tgt Ion:146 Resp: 237035

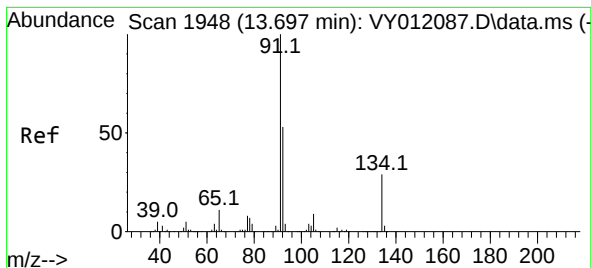
Ion Ratio Lower Upper

146 100

111 38.6 19.6 58.7

148 64.3 31.9 95.7





#89

n-Butylbenzene

Concen: 47.658 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.001 min

Lab File: VY012211.D

Acq: 16 Jan 2023 19:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

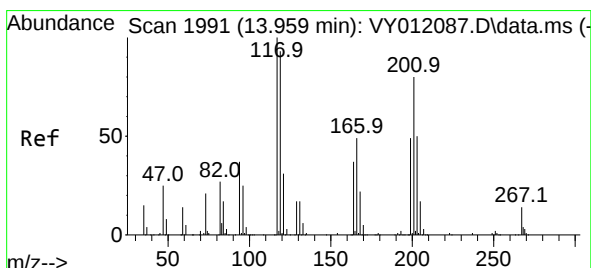
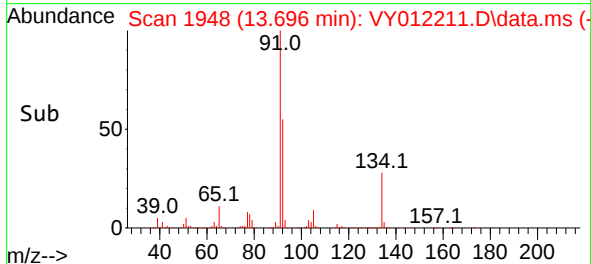
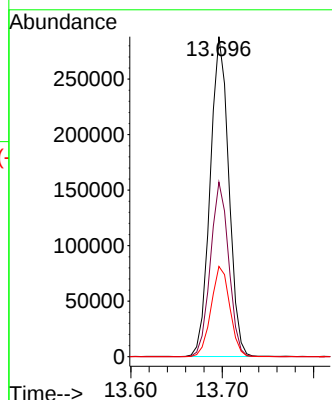
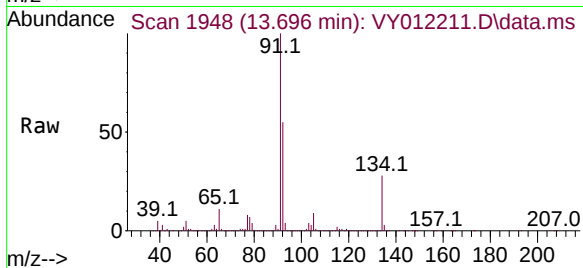
Tgt Ion: 91 Resp: 406653

Ion Ratio Lower Upper

91 100

92 53.6 26.8 80.4

134 28.5 13.3 39.8



#90

Hexachloroethane

Concen: 47.118 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY012211.D

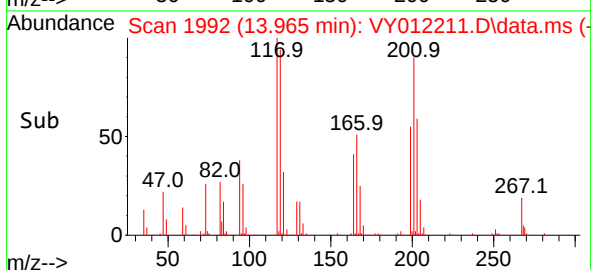
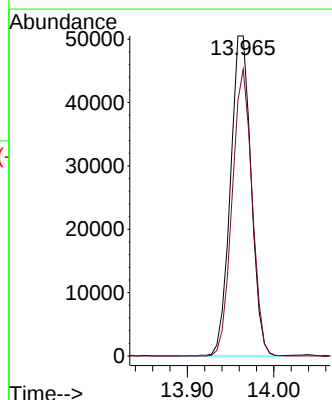
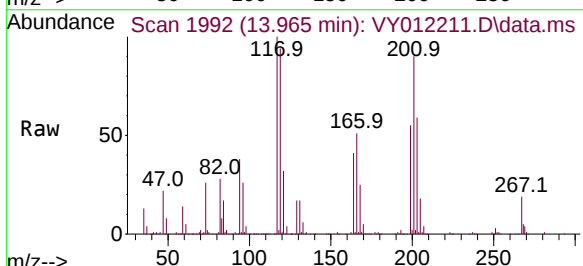
Acq: 16 Jan 2023 19:51

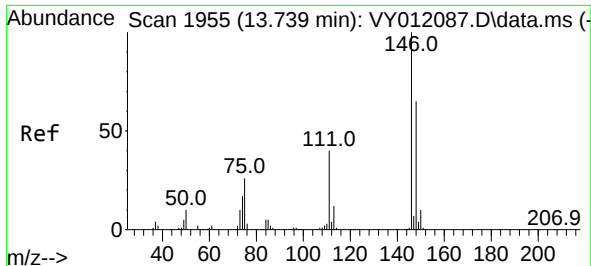
Tgt Ion: 117 Resp: 83753

Ion Ratio Lower Upper

117 100

201 86.0 40.3 120.8





#91

1,2-Dichlorobenzene

Concen: 48.373 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY012211.D

Acq: 16 Jan 2023 19:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

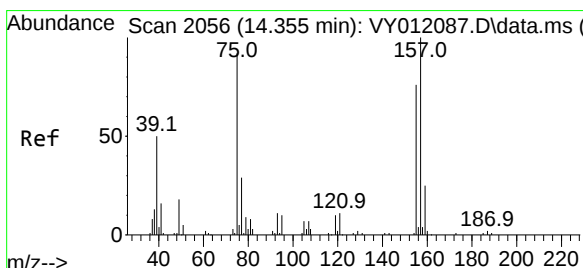
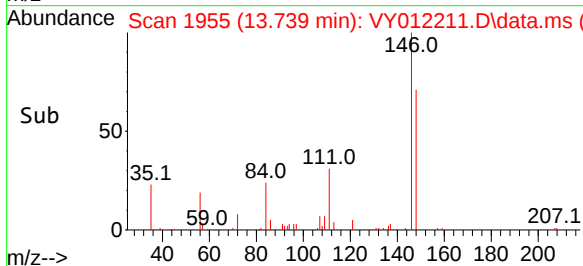
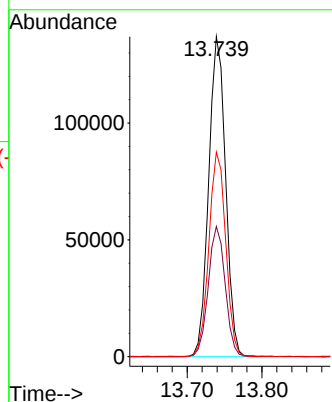
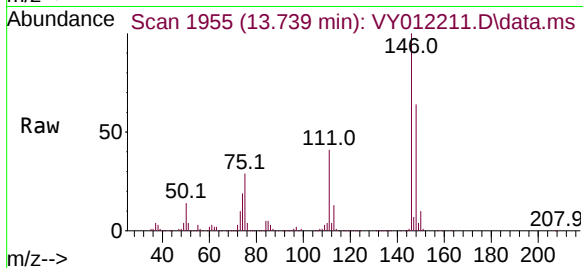
Tgt Ion:146 Resp: 215801

Ion Ratio Lower Upper

146 100

111 40.3 20.3 60.8

148 63.8 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.102 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY012211.D

Acq: 16 Jan 2023 19:51

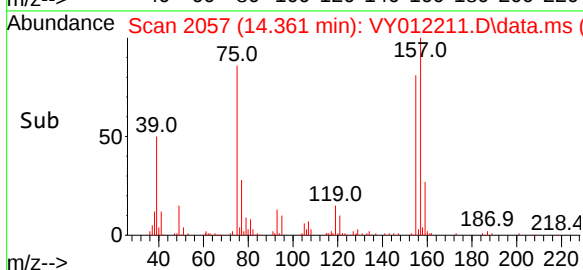
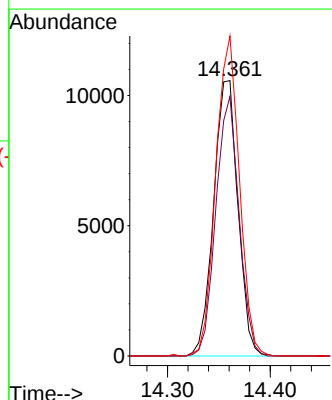
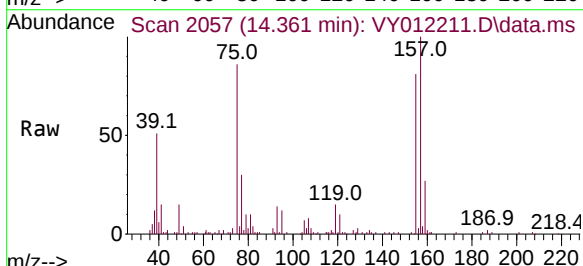
Tgt Ion: 75 Resp: 17378

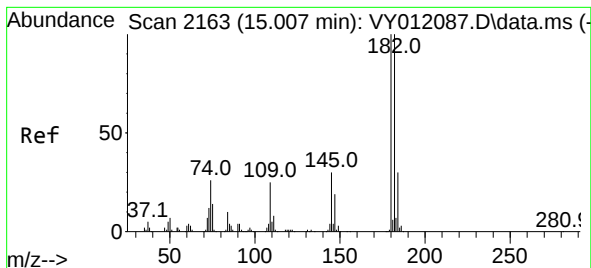
Ion Ratio Lower Upper

75 100

155 89.6 42.3 126.8

157 112.7 54.4 163.3





#93

1,2,4-Trichlorobenzene

Concen: 48.257 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY012211.D

Acq: 16 Jan 2023 19:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

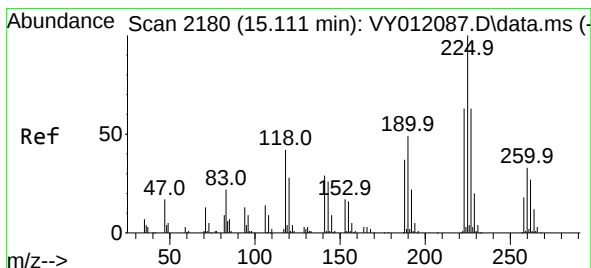
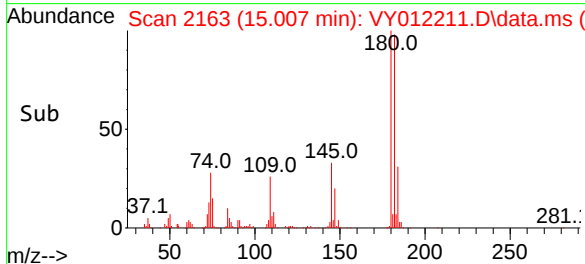
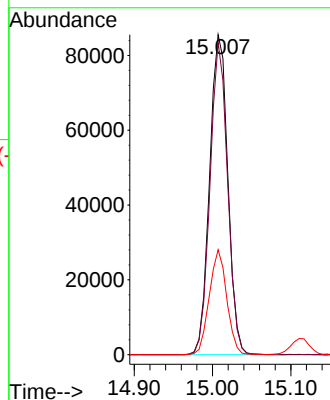
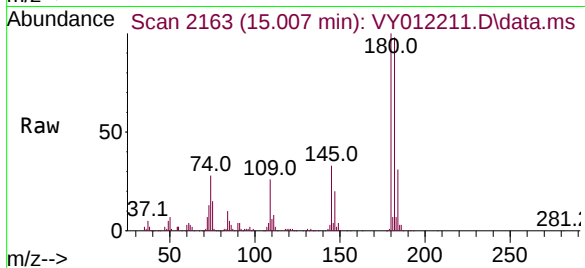
Tgt Ion:180 Resp: 137943

Ion Ratio Lower Upper

180 100

182 94.0 48.1 144.3

145 31.5 15.4 46.4



#94

Hexachlorobutadiene

Concen: 46.163 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY012211.D

Acq: 16 Jan 2023 19:51

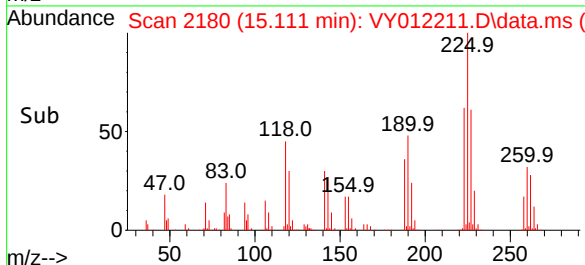
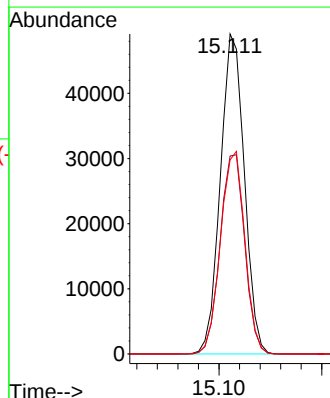
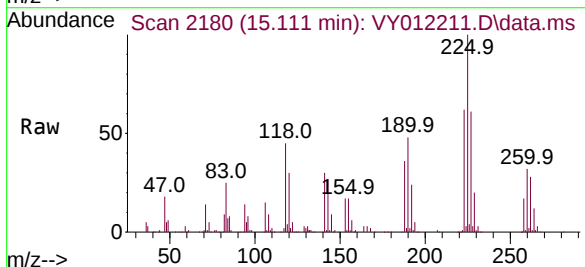
Tgt Ion:225 Resp: 79449

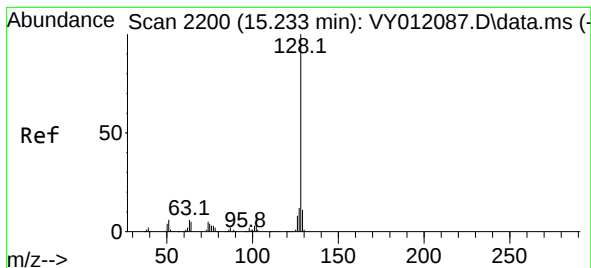
Ion Ratio Lower Upper

225 100

223 63.8 31.4 94.2

227 64.4 32.6 97.8





#95

Naphthalene

Concen: 51.415 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY012211.D

Acq: 16 Jan 2023 19:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

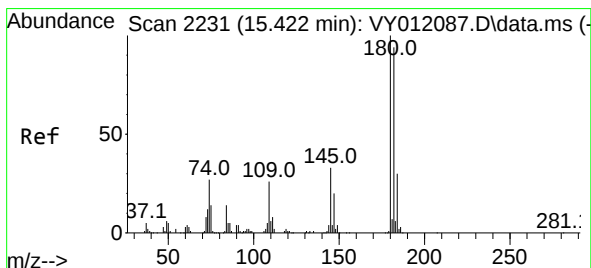
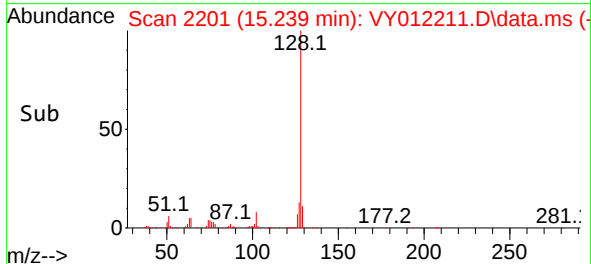
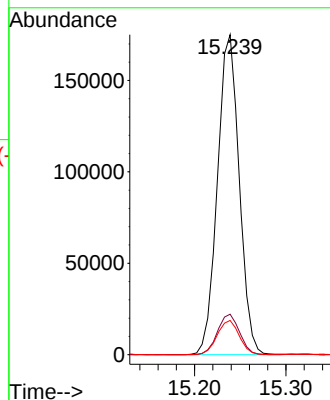
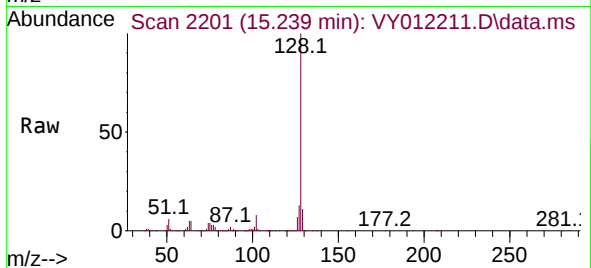
Tgt Ion:128 Resp: 290084

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 49.007 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY012211.D

Acq: 16 Jan 2023 19:51

Tgt Ion:180 Resp: 120548

Ion Ratio Lower Upper

180 100

182 93.6 47.9 143.7

145 32.6 16.1 48.2

