

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011623\Not Reviewed Data\
 Data File : VY012197.D
 Acq On : 16 Jan 2023 13:48
 Operator : KP/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Jan 17 04:41:34 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	191097	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	290797	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	264349	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	135964	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	78185	49.305	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.620%
35) Dibromofluoromethane	7.716	113	70070	45.507	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.020%
50) Toluene-d8	10.179	98	258797	48.368	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.740%
62) 4-Bromofluorobenzene	12.483	95	96876	44.631	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.260%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	71105	42.578	ug/l	100
3) Chloromethane	2.113	50	70310	45.606	ug/l	98
4) Vinyl Chloride	2.253	62	83041	46.148	ug/l	98
5) Bromomethane	2.650	94	63798	45.857	ug/l	96
6) Chloroethane	2.796	64	54875	46.759	ug/l	96
7) Trichlorofluoromethane	3.125	101	160880	45.809	ug/l	99
8) Diethyl Ether	3.528	74	49618	47.479	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.899	101	77841	45.540	ug/l	94
10) Methyl Iodide	4.095	142	130616	50.283	ug/l	94
11) Tert butyl alcohol	4.954	59	44074	233.668	ug/l	97
12) 1,1-Dichloroethene	3.875	96	83711	47.696	ug/l	92
13) Acrolein	3.729	56	15519	216.549	ug/l	99
14) Allyl chloride	4.479	41	103883	47.869	ug/l #	83
15) Acrylonitrile	5.161	53	111889	245.115	ug/l	99
16) Acetone	3.942	43	147434	277.069	ug/l	97
17) Carbon Disulfide	4.198	76	256609	47.268	ug/l	97
18) Methyl Acetate	4.479	43	57492	48.284	ug/l #	89
19) Methyl tert-butyl Ether	5.222	73	244618	49.998	ug/l	93
20) Methylene Chloride	4.716	84	108941	48.679	ug/l	88
21) trans-1,2-Dichloroethene	5.222	96	94558	48.280	ug/l	89
22) Diisopropyl ether	6.119	45	209847	48.503	ug/l #	90
23) Vinyl Acetate	6.058	43	672550	249.466	ug/l #	93
24) 1,1-Dichloroethane	6.021	63	145139	48.365	ug/l	98
25) 2-Butanone	6.984	43	150321	255.886	ug/l #	87
26) 2,2-Dichloropropane	6.984	77	155087	47.607	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	104740	48.686	ug/l	94
28) Bromochloromethane	7.338	49	30470	46.492	ug/l #	73
29) Tetrahydrofuran	7.344	42	81443	252.394	ug/l #	83
30) Chloroform	7.509	83	171905	48.528	ug/l	98
31) Cyclohexane	7.789	56	120988	43.424	ug/l	89
32) 1,1,1-Trichloroethane	7.704	97	169110	48.221	ug/l	97
36) 1,1-Dichloropropene	7.917	75	123810	47.312	ug/l	98
37) Ethyl Acetate	7.076	43	57067	49.468	ug/l #	94
38) Carbon Tetrachloride	7.905	117	160502	47.490	ug/l	97
39) Methylcyclohexane	9.185	83	149602	46.781	ug/l	94
40) Benzene	8.161	78	359633	47.615	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	80828	119.199	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	118518	49.289	ug/l	99
43) Isopropyl Acetate	8.271	43	107287	49.987	ug/l #	94
44) Trichloroethene	8.941	130	108272	47.961	ug/l	99
45) 1,2-Dichloropropane	9.216	63	75802	48.097	ug/l	97
46) Dibromomethane	9.307	93	51976	49.263	ug/l	96
47) Bromodichloromethane	9.496	83	129678	48.827	ug/l	100
48) Methyl methacrylate	9.295	41	51213	51.787	ug/l	92
49) 1,4-Dioxane	9.295	88	14993	1042.875	ug/l #	85
51) 4-Methyl-2-Pentanone	10.069	43	288706	252.262	ug/l	96
52) Toluene	10.246	92	244243	48.568	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	138171	49.737	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	147746	49.384	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	74005	49.369	ug/l	97
56) Ethyl methacrylate	10.508	69	100550	51.129	ug/l	94
57) 1,3-Dichloropropane	10.789	76	120715	49.310	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	157504	242.046	ug/l #	89
59) 2-Hexanone	10.831	43	229234	263.082	ug/l	95
60) Dibromochloromethane	10.984	129	99798	50.196	ug/l	99
61) 1,2-Dibromoethane	11.087	107	71778	49.623	ug/l	100
64) Tetrachloroethene	10.721	164	119318	49.465	ug/l	96
65) Chlorobenzene	11.514	112	261736	48.391	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	101825	49.877	ug/l	97
67) Ethyl Benzene	11.593	91	473326	48.966	ug/l	98
68) m/p-Xylenes	11.703	106	375824	98.333	ug/l	100
69) o-Xylene	12.032	106	179706	49.227	ug/l	99
70) Styrene	12.044	104	303772	49.803	ug/l	99
71) Bromoform	12.209	173	65777	50.430	ug/l #	99
73) Isopropylbenzene	12.331	105	476002	48.551	ug/l	99
74) N-amyl acetate	12.142	43	97264	50.608	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	76529	49.557	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	115979	92.766	ug/l #	100
77) Bromobenzene	12.611	156	115869	49.114	ug/l	92
78) n-propylbenzene	12.672	91	547297	47.704	ug/l	99
79) 2-Chlorotoluene	12.758	91	312943	48.244	ug/l	97
80) 1,3,5-Trimethylbenzene	12.813	105	410117	48.119	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	30675	50.554	ug/l	97
82) 4-Chlorotoluene	12.855	91	325814	47.817	ug/l	97
83) tert-Butylbenzene	13.075	119	350229	47.148	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	411062	48.906	ug/l	99
85) sec-Butylbenzene	13.251	105	503621	47.618	ug/l	98
86) p-Isopropyltoluene	13.367	119	440685	47.691	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	226393	48.250	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	223234	47.706	ug/l	99
89) n-Butylbenzene	13.697	91	380743	47.546	ug/l	98
90) Hexachloroethane	13.965	117	78888	47.291	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	201950	48.236	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	15833	49.611	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	126784	47.261	ug/l	99
94) Hexachlorobutadiene	15.111	225	74231	45.959	ug/l	97
95) Naphthalene	15.239	128	262749	49.623	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	108472	46.989	ug/l	99

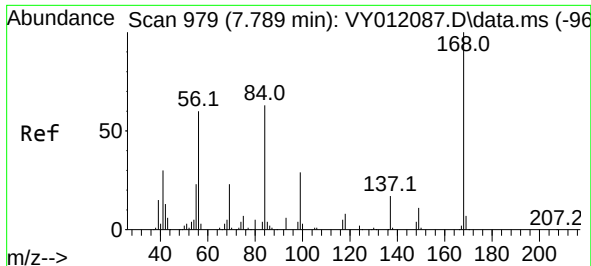
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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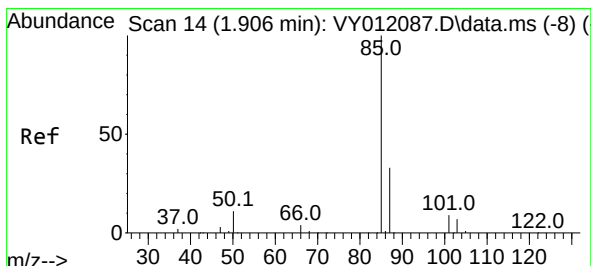
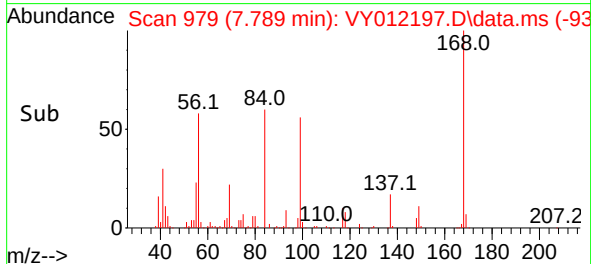
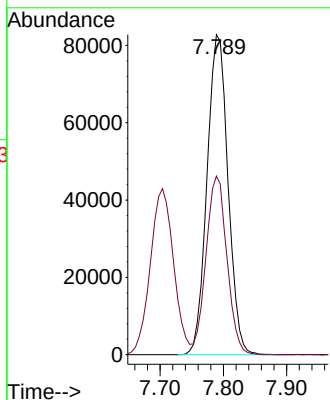
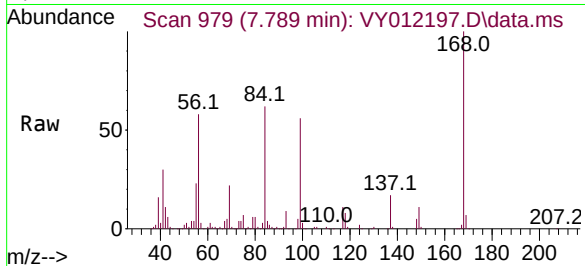
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012197.D
Acq: 16 Jan 2023 13:48

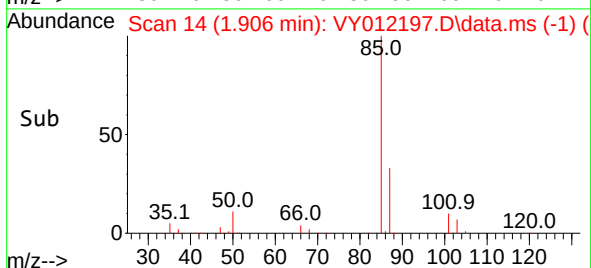
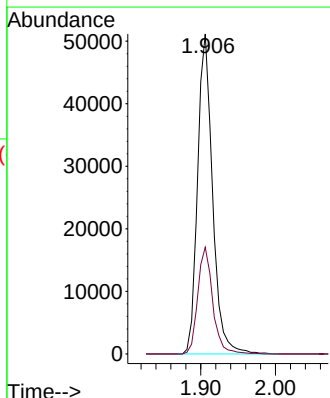
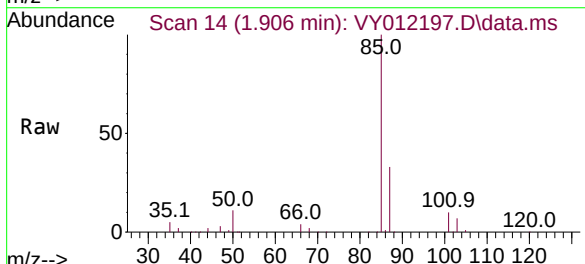
Instrument :
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VSTDICCC050

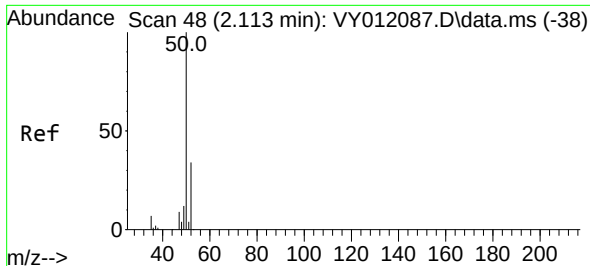
Tgt Ion:168 Resp: 191097
Ion Ratio Lower Upper
168 100
99 55.8 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 42.578 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012197.D
Acq: 16 Jan 2023 13:48

Tgt Ion: 85 Resp: 71105
Ion Ratio Lower Upper
85 100
87 33.4 16.8 50.4

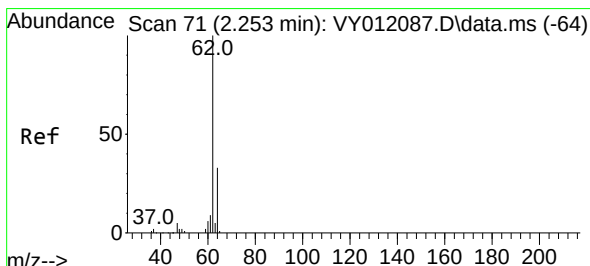
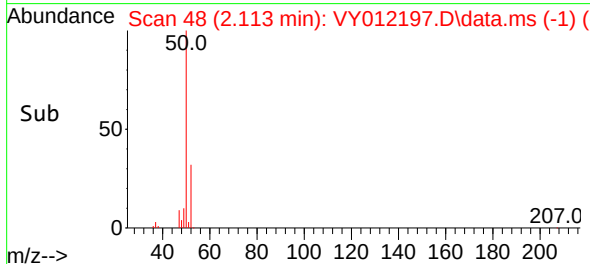
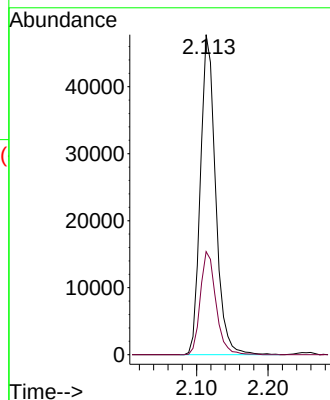
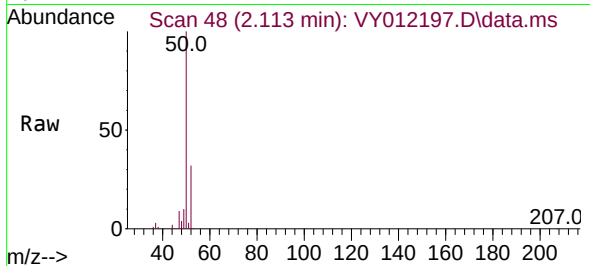




#3
Chloromethane
Concen: 45.606 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY012197.D
Acq: 16 Jan 2023 13:48

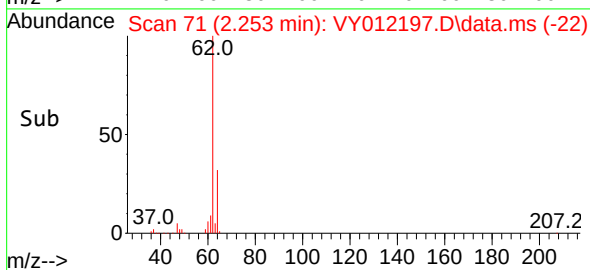
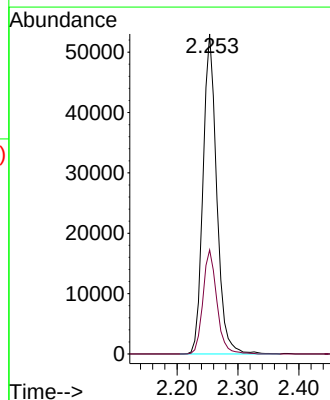
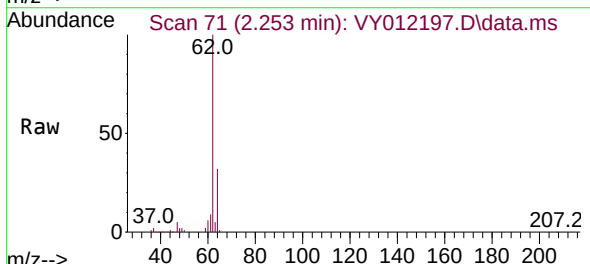
Instrument :
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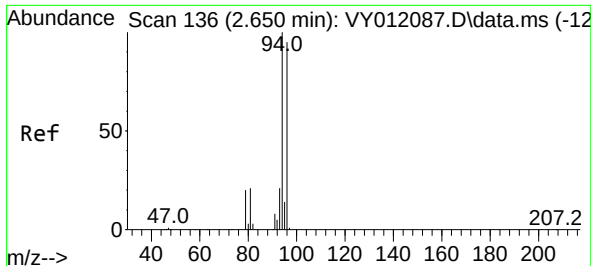
Tgt Ion: 50 Resp: 70310
Ion Ratio Lower Upper
50 100
52 32.2 26.8 40.2



#4
Vinyl Chloride
Concen: 46.148 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY012197.D
Acq: 16 Jan 2023 13:48

Tgt Ion: 62 Resp: 83041
Ion Ratio Lower Upper
62 100
64 32.5 25.0 37.6





#5

Bromomethane

Concen: 45.857 ug/l

RT: 2.650 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012197.D

Acq: 16 Jan 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

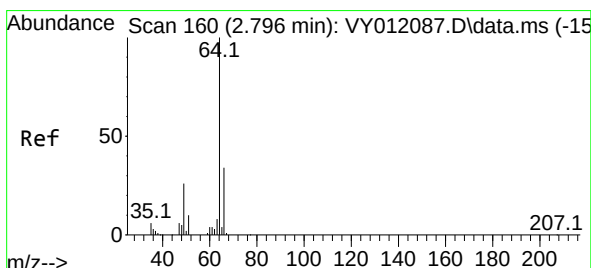
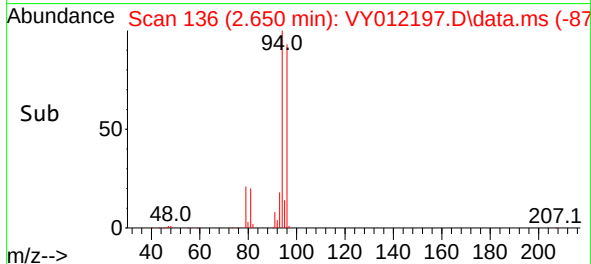
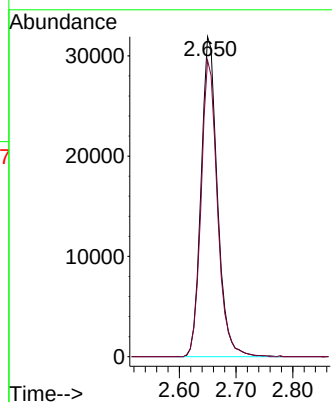
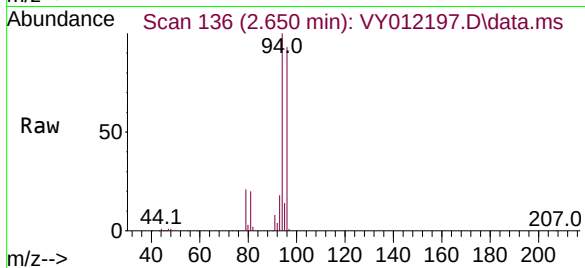
VSTDICCC050

Tgt Ion: 94 Resp: 63798

Ion Ratio Lower Upper

94 100

96 92.7 77.4 116.2



#6

Chloroethane

Concen: 46.759 ug/l

RT: 2.796 min Scan# 160

Delta R.T. 0.000 min

Lab File: VY012197.D

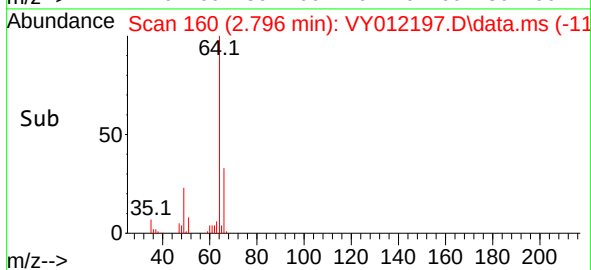
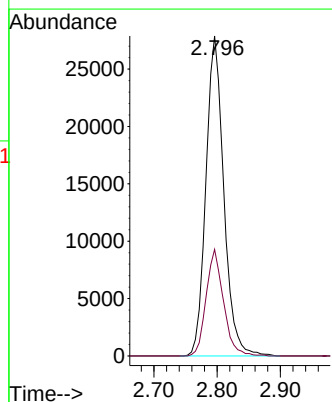
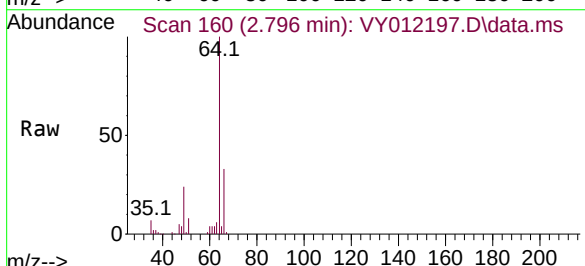
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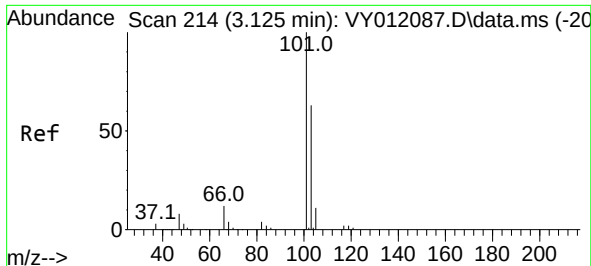
Tgt Ion: 64 Resp: 54875

Ion Ratio Lower Upper

64 100

66 33.3 25.0 37.4

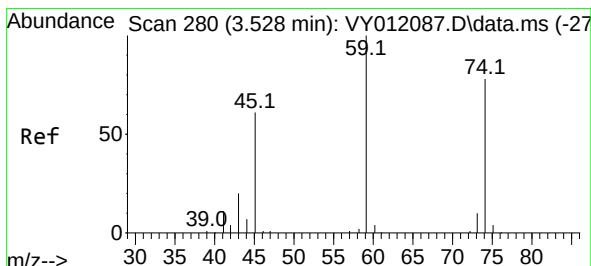
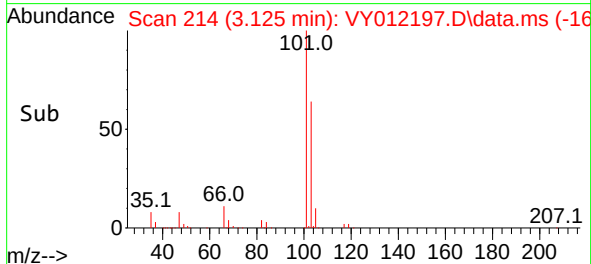
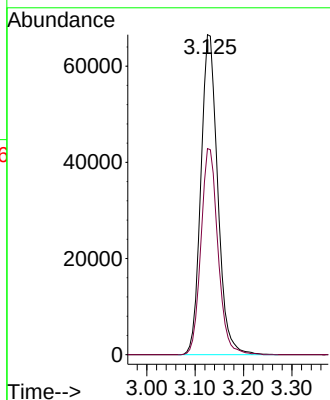
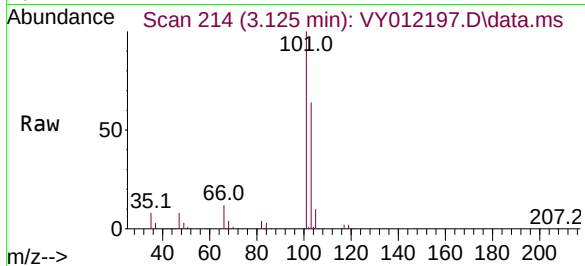




#7
 Trichlorofluoromethane
 Concen: 45.809 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY012197.D
 Acq: 16 Jan 2023 13:48

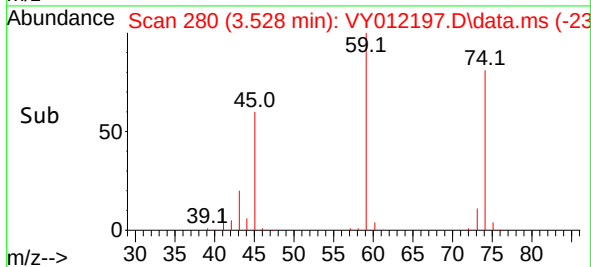
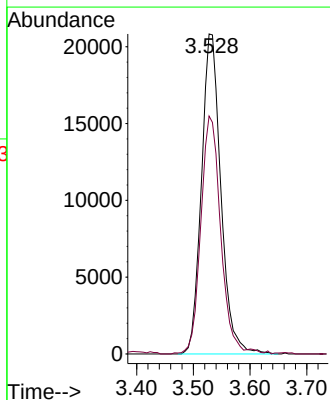
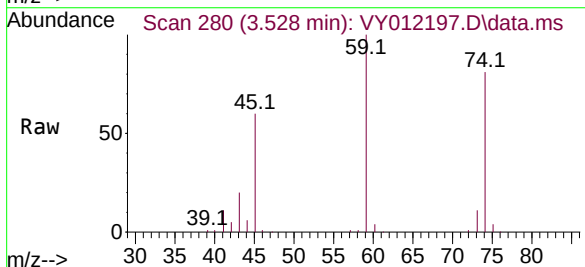
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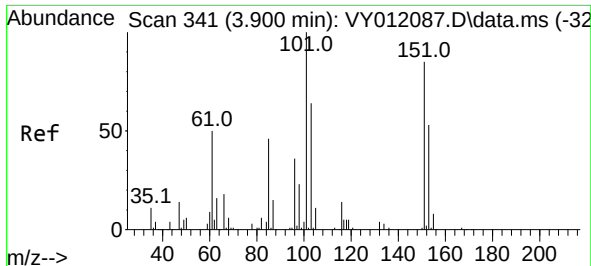
Tgt Ion:101 Resp: 160880
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.0 76.6



#8
 Diethyl Ether
 Concen: 47.479 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. -0.000 min
 Lab File: VY012197.D
 Acq: 16 Jan 2023 13:48

Tgt Ion: 74 Resp: 49618
 Ion Ratio Lower Upper
 74 100
 45 75.3 46.8 140.3

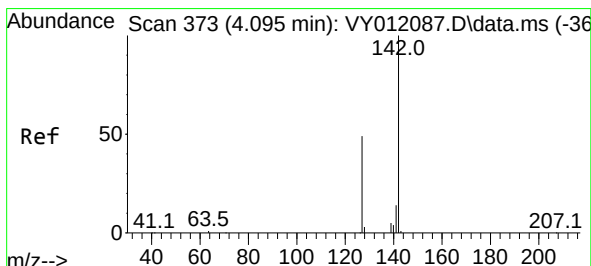
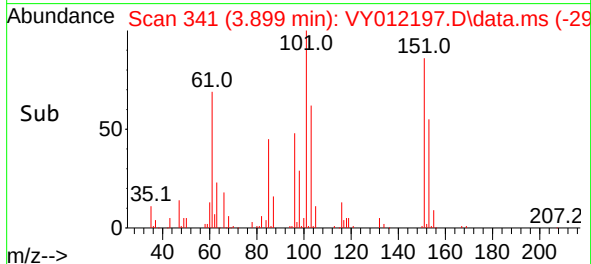
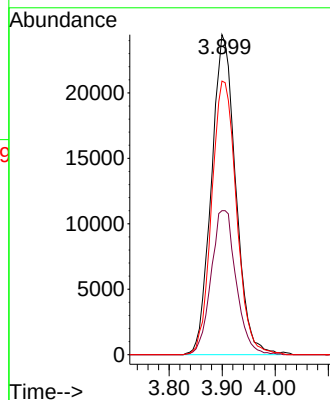
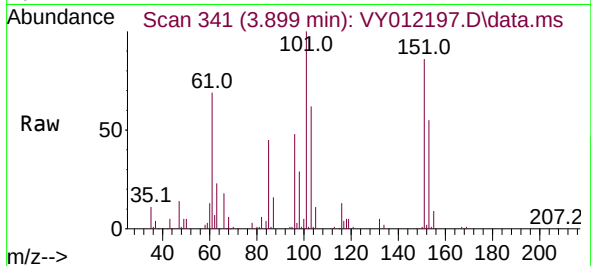




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.540 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.001 min
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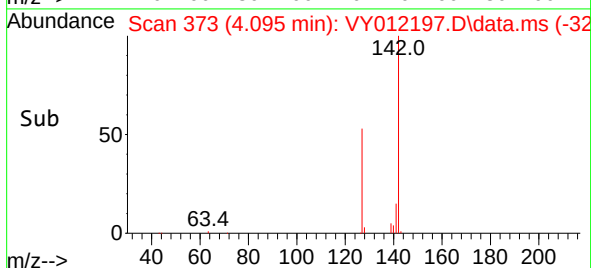
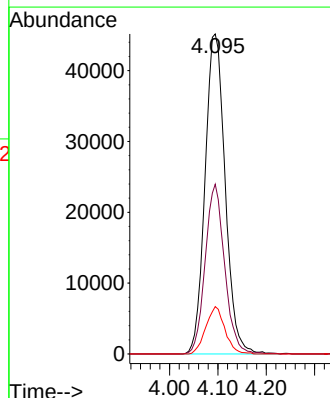
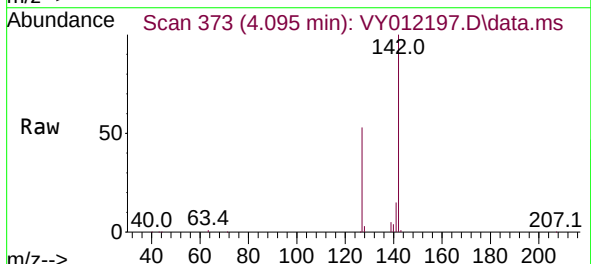
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ClientSampleId :
VSTDICCC050

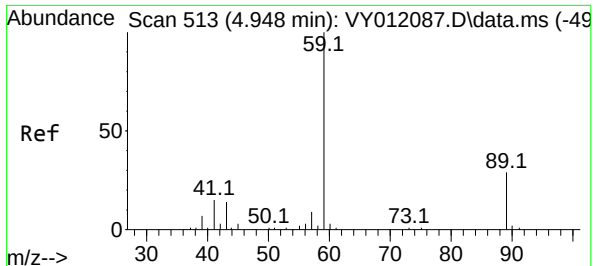
Tgt Ion:101 Resp: 77841
Ion Ratio Lower Upper
101 100
85 46.4 36.2 54.2
151 87.2 64.2 96.2



#10
Methyl Iodide
Concen: 50.283 ug/l
RT: 4.095 min Scan# 373
Delta R.T. -0.000 min
Lab File: VY012197.D
Acq: 16 Jan 2023 13:48

Tgt Ion:142 Resp: 130616
Ion Ratio Lower Upper
142 100
127 51.2 37.0 55.4
141 14.0 11.4 17.0





#11

Tert butyl alcohol

Concen: 233.668 ug/l

RT: 4.954 min Scan# 513

Delta R.T. 0.006 min

Lab File: VY012197.D

Acq: 16 Jan 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

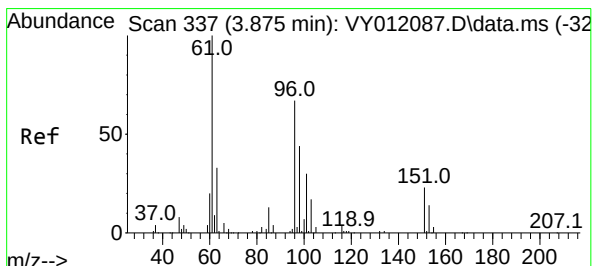
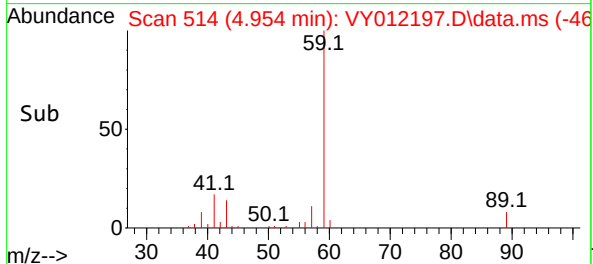
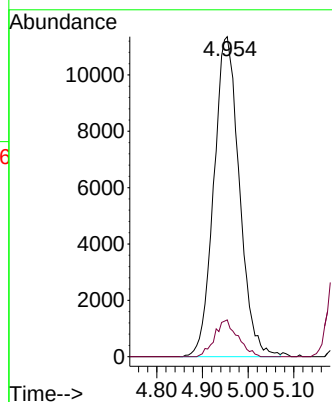
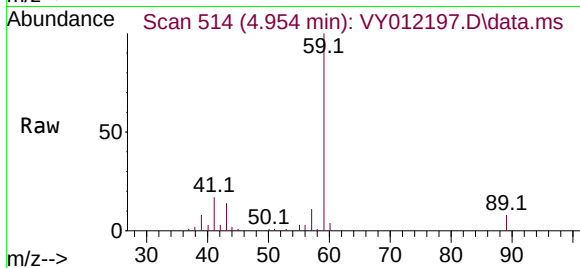
VSTDICCC050

Tgt Ion: 59 Resp: 44074

Ion Ratio Lower Upper

59 100

57 10.4 7.4 11.2



#12

1,1-Dichloroethene

Concen: 47.696 ug/l

RT: 3.875 min Scan# 337

Delta R.T. 0.000 min

Lab File: VY012197.D

Acq: 16 Jan 2023 13:48

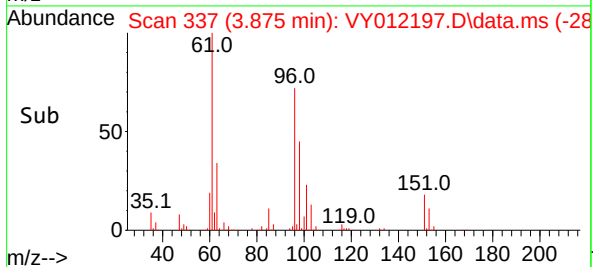
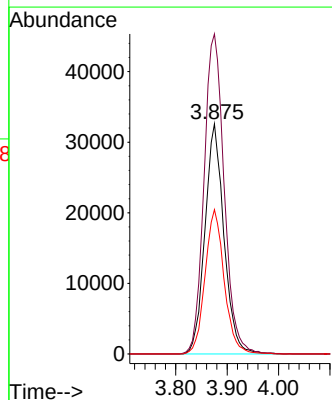
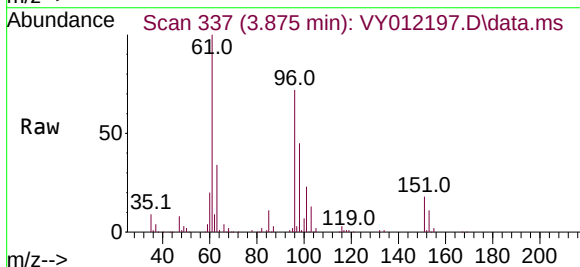
Tgt Ion: 96 Resp: 83711

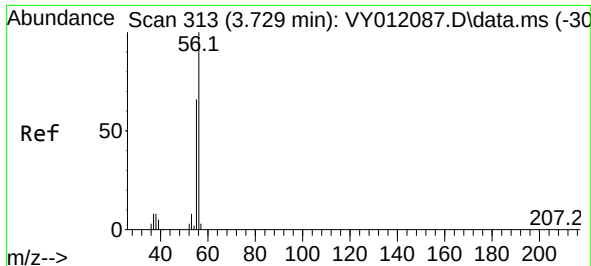
Ion Ratio Lower Upper

96 100

61 139.0 122.0 183.0

98 62.7 48.6 73.0

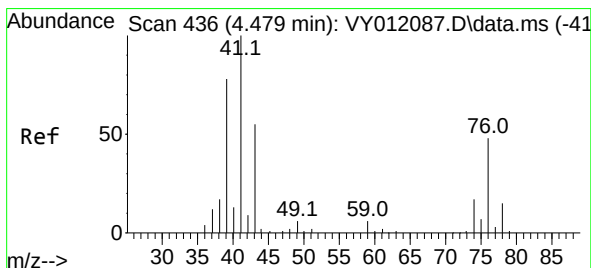
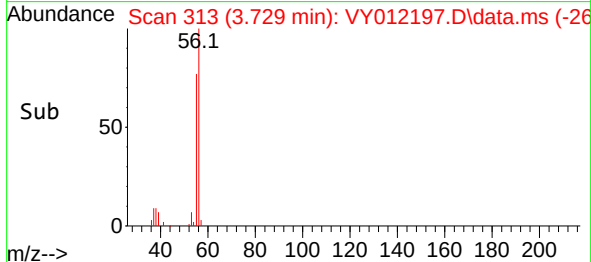
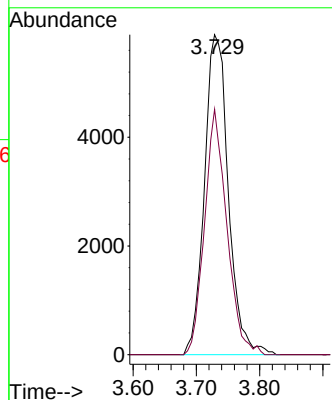
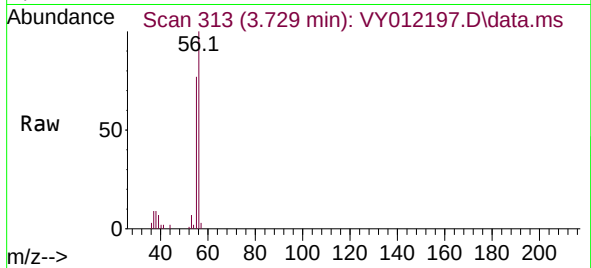




#13
Acrolein
Concen: 216.549 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY012197.D
Acq: 16 Jan 2023 13:48

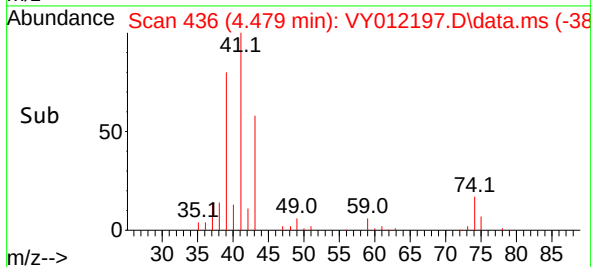
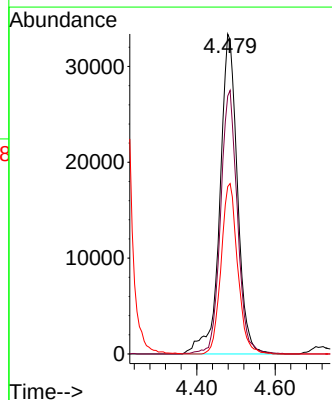
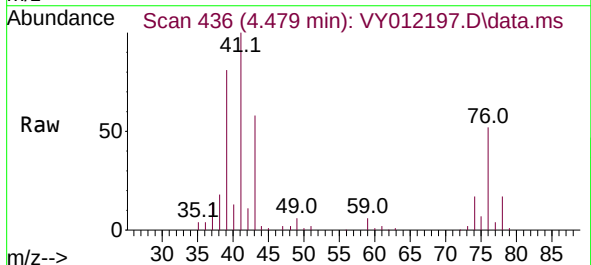
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

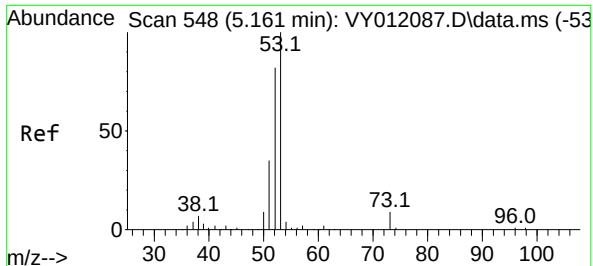
Tgt Ion: 56 Resp: 15519
Ion Ratio Lower Upper
56 100
55 71.4 56.6 85.0



#14
Allyl chloride
Concen: 47.869 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY012197.D
Acq: 16 Jan 2023 13:48

Tgt Ion: 41 Resp: 103883
Ion Ratio Lower Upper
41 100
39 79.2 53.5 80.3
76 50.3 31.1 46.7#

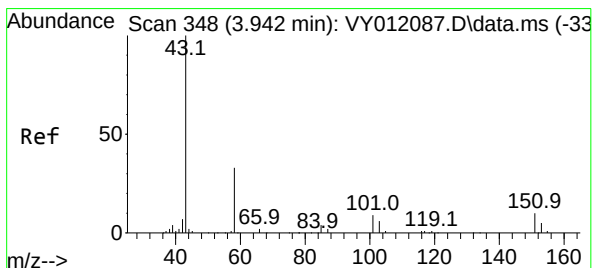
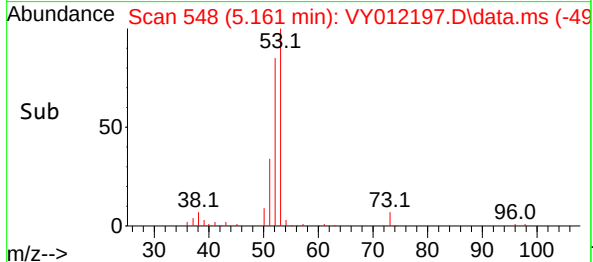
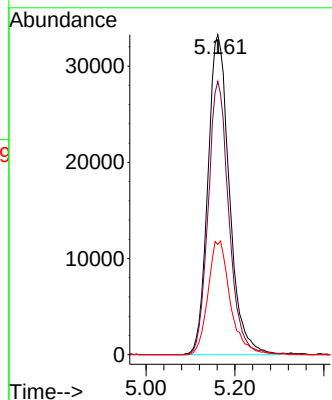
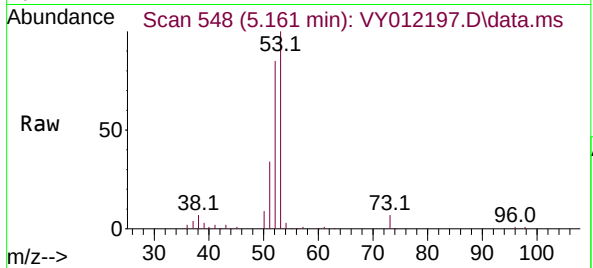




#15
Acrylonitrile
Concen: 245.115 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY012197.D
Acq: 16 Jan 2023 13:48

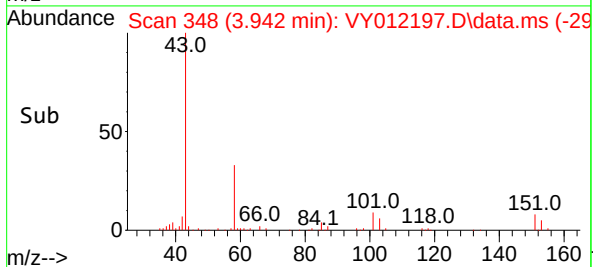
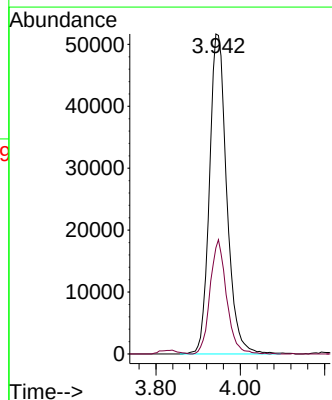
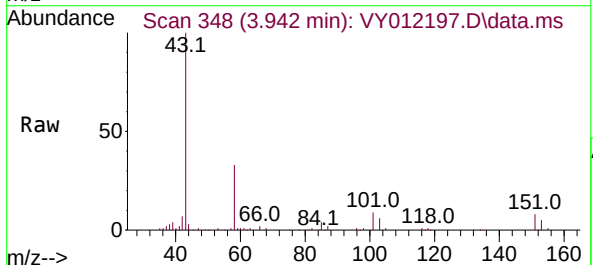
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

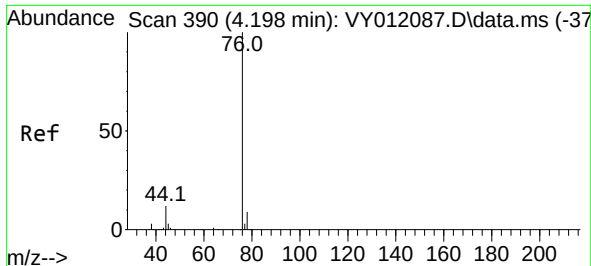
Tgt Ion: 53 Resp: 111889
Ion Ratio Lower Upper
53 100
52 82.2 65.1 97.7
51 37.0 28.7 43.1



#16
Acetone
Concen: 277.069 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY012197.D
Acq: 16 Jan 2023 13:48

Tgt Ion: 43 Resp: 147434
Ion Ratio Lower Upper
43 100
58 33.1 27.9 41.9

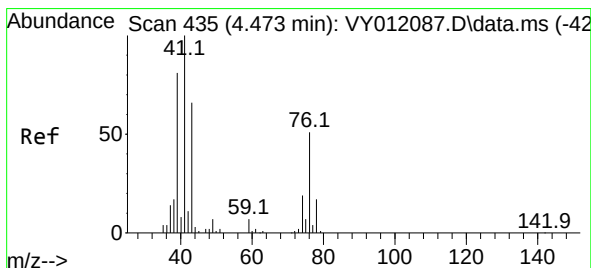
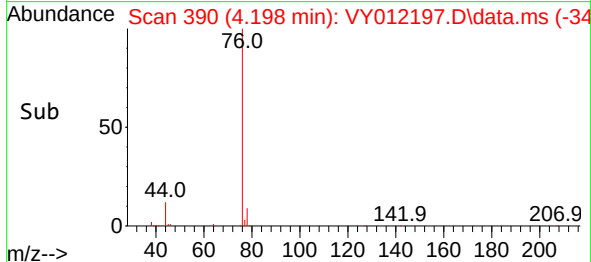
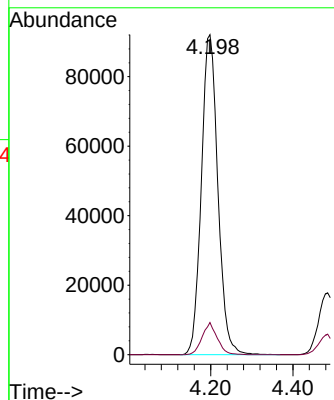
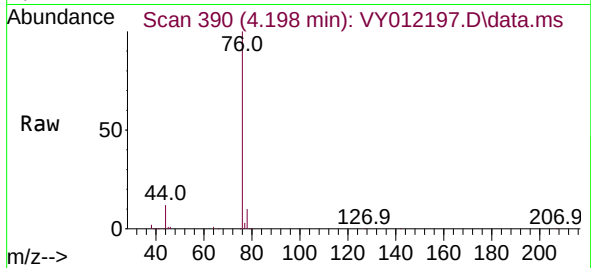




#17
Carbon Disulfide
Concen: 47.268 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY012197.D
Acq: 16 Jan 2023 13:48

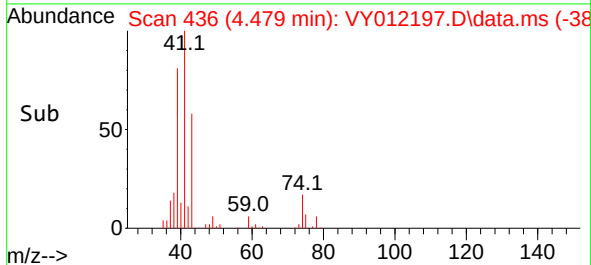
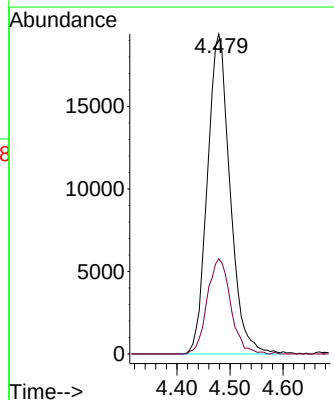
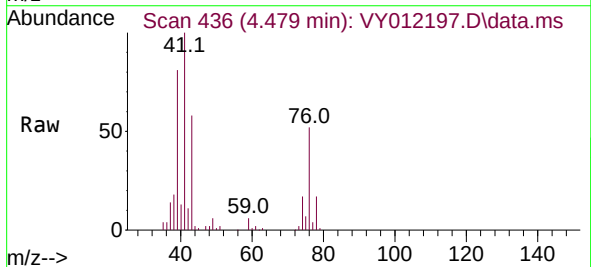
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

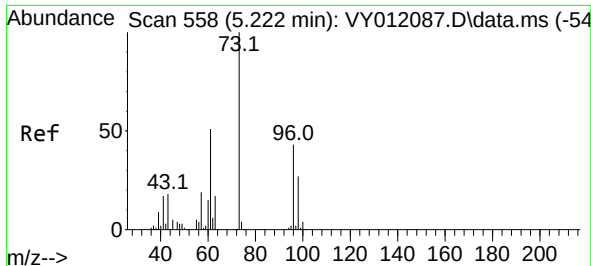
Tgt Ion: 76 Resp: 256609
Ion Ratio Lower Upper
76 100
78 10.1 7.2 10.8



#18
Methyl Acetate
Concen: 48.284 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY012197.D
Acq: 16 Jan 2023 13:48

Tgt Ion: 43 Resp: 57492
Ion Ratio Lower Upper
43 100
74 30.8 20.1 30.1#





#19

Methyl tert-butyl Ether

Concen: 49.998 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY012197.D

Acq: 16 Jan 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

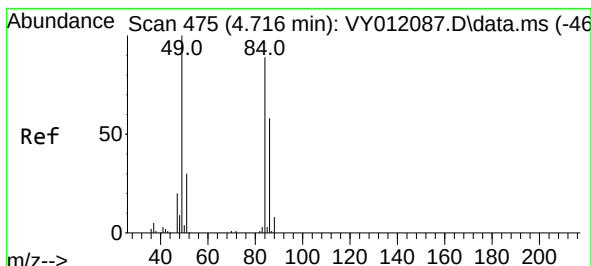
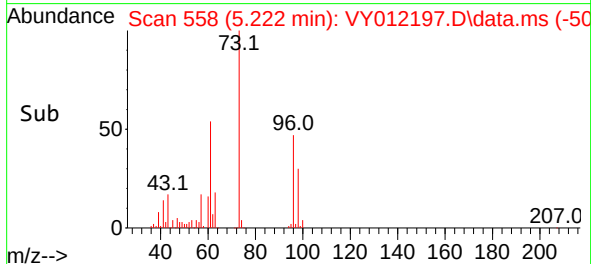
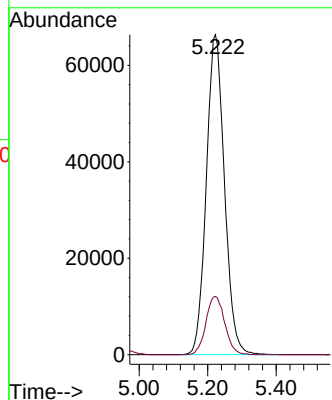
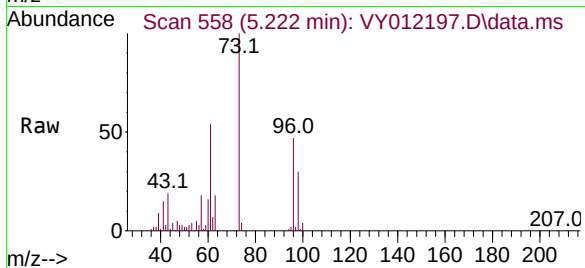
VSTDICCC050

Tgt Ion: 73 Resp: 244618

Ion Ratio Lower Upper

73 100

57 18.2 17.4 26.0



#20

Methylene Chloride

Concen: 48.679 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY012197.D

Acq: 16 Jan 2023 13:48

Tgt Ion: 84 Resp: 108941

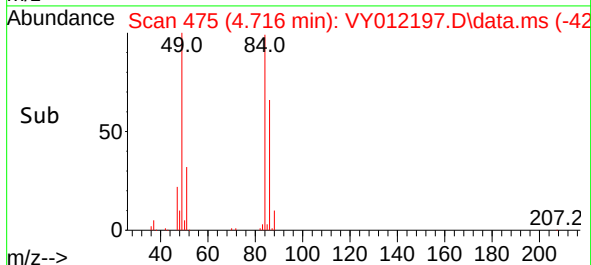
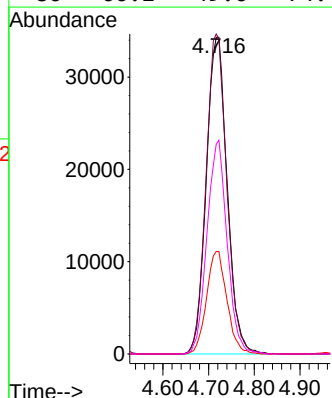
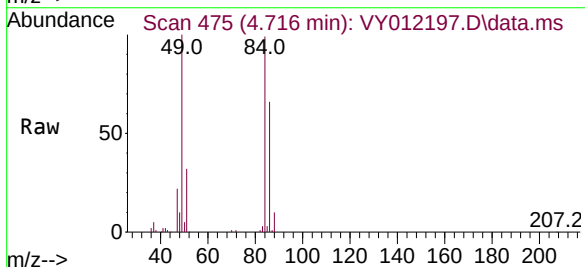
Ion Ratio Lower Upper

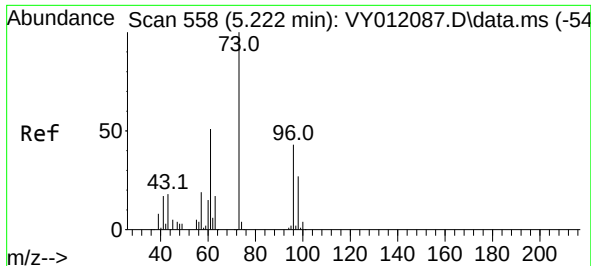
84 100

49 101.0 95.4 143.2

51 32.3 29.9 44.9

86 66.2 49.6 74.4

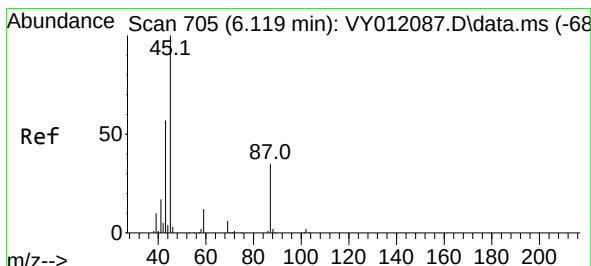
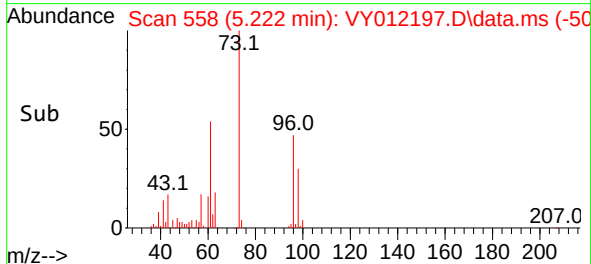
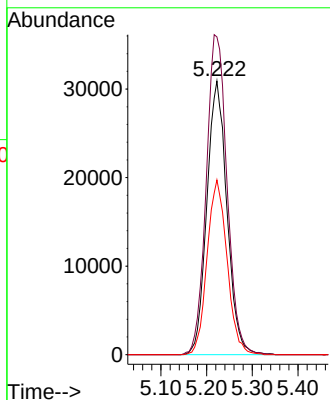
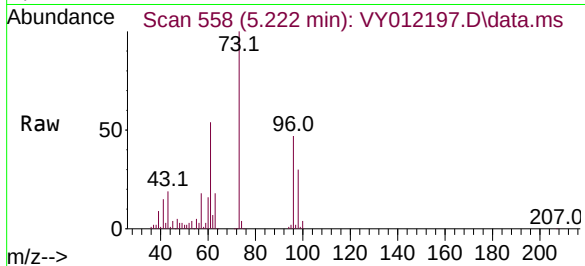




#21
trans-1,2-Dichloroethene
Concen: 48.280 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY012197.D
Acq: 16 Jan 2023 13:48

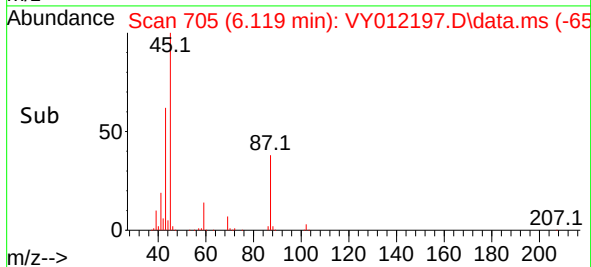
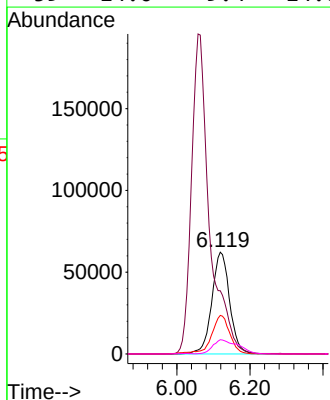
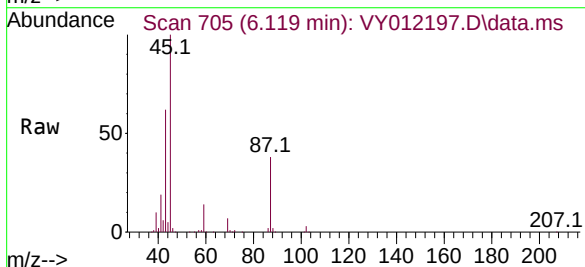
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

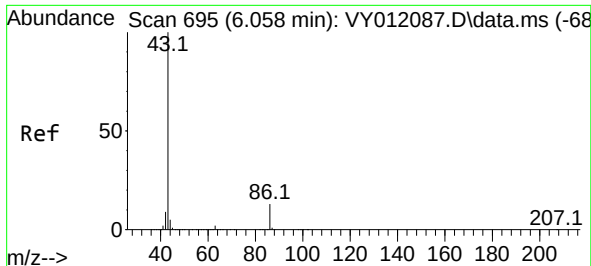
Tgt Ion: 96 Resp: 94558
Ion Ratio Lower Upper
96 100
61 116.2 108.0 162.0
98 63.9 51.6 77.4



#22
Diisopropyl ether
Concen: 48.503 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY012197.D
Acq: 16 Jan 2023 13:48

Tgt Ion: 45 Resp: 209847
Ion Ratio Lower Upper
45 100
43 61.7 45.0 67.4
87 37.8 22.6 33.8#
59 14.0 9.4 14.0

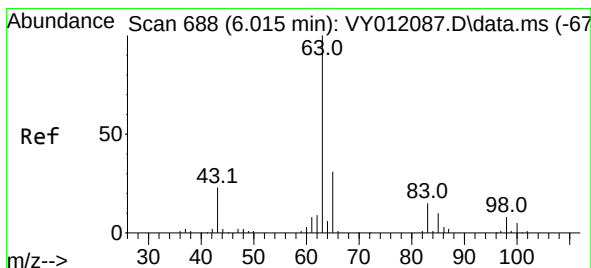
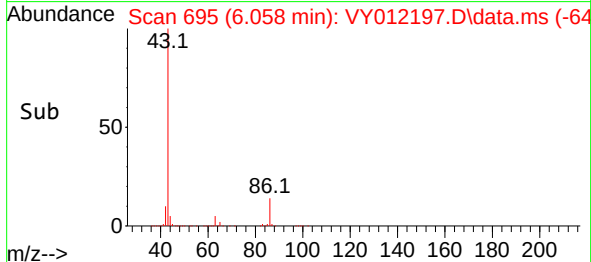
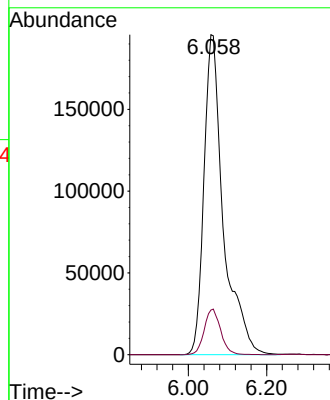
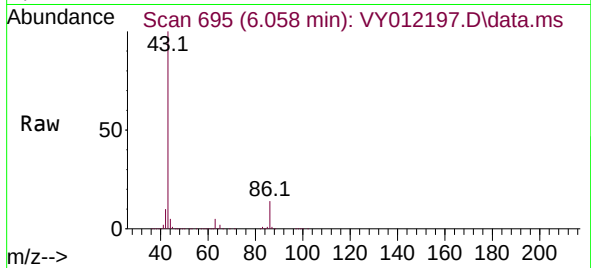




#23
 Vinyl Acetate
 Concen: 249.466 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY012197.D
 Acq: 16 Jan 2023 13:48

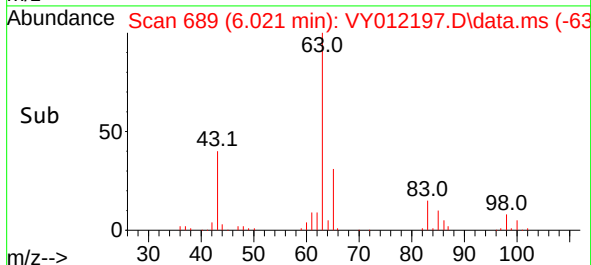
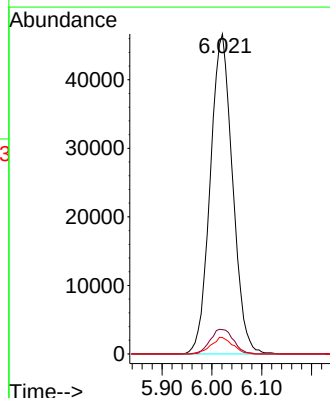
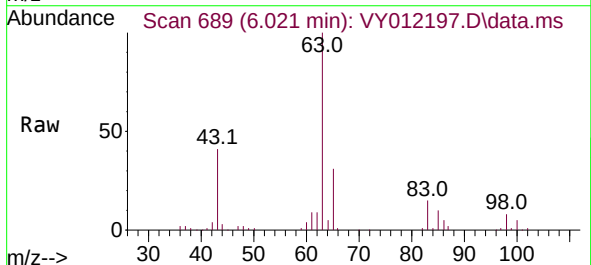
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

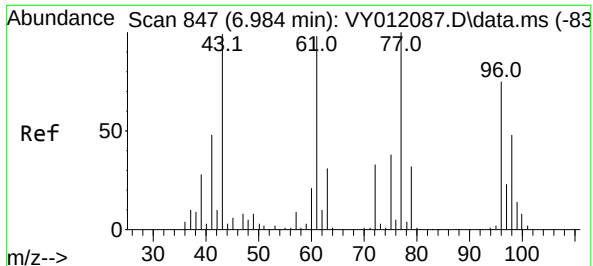
Tgt Ion: 43 Resp: 672550
 Ion Ratio Lower Upper
 43 100
 86 13.9 9.0 13.4#



#24
 1,1-Dichloroethane
 Concen: 48.365 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY012197.D
 Acq: 16 Jan 2023 13:48

Tgt Ion: 63 Resp: 145139
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.5
 100 5.1 2.2 6.6





#25

2-Butanone

Concen: 255.886 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012197.D

Acq: 16 Jan 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

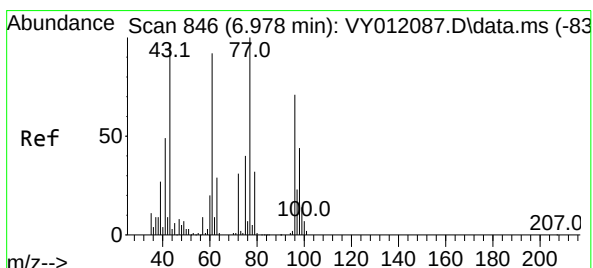
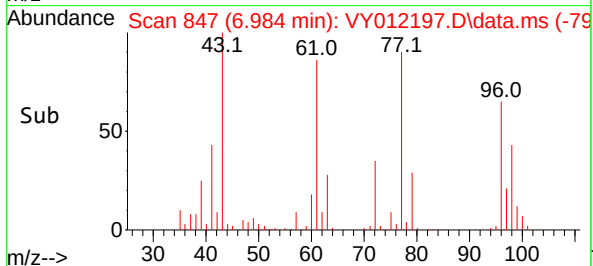
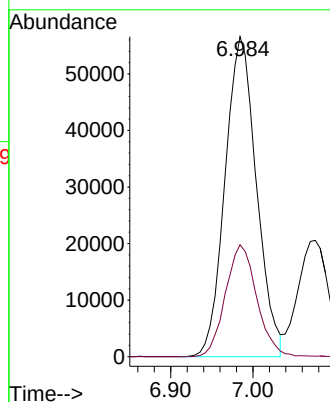
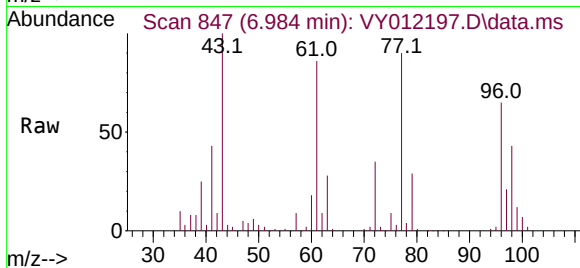
VSTDICCC050

Tgt Ion: 43 Resp: 150321

Ion Ratio Lower Upper

43 100

72 35.0 22.6 34.0#



#26

2,2-Dichloropropane

Concen: 47.607 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY012197.D

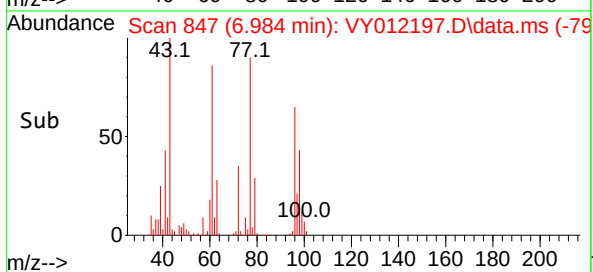
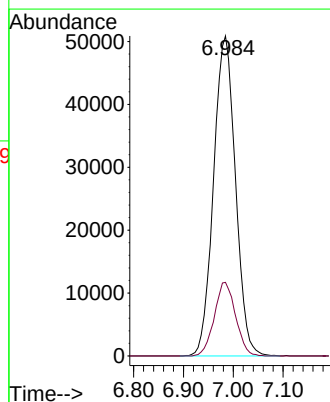
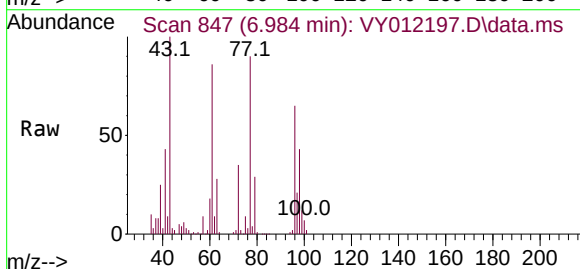
Acq: 16 Jan 2023 13:48

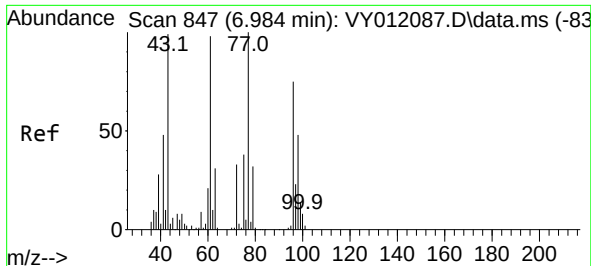
Tgt Ion: 77 Resp: 155087

Ion Ratio Lower Upper

77 100

97 22.3 11.4 34.1

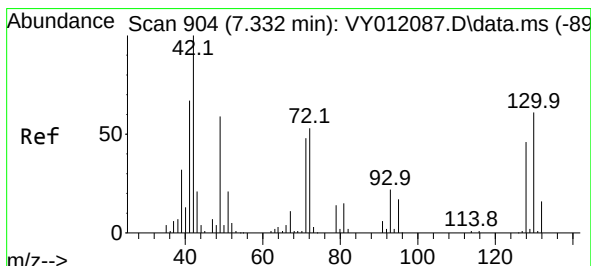
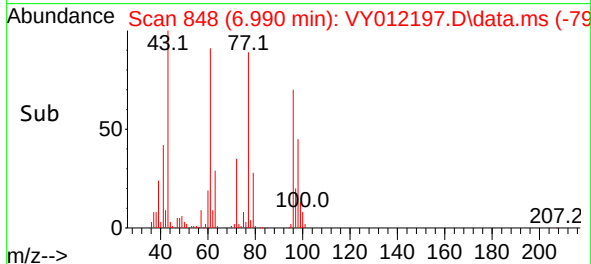
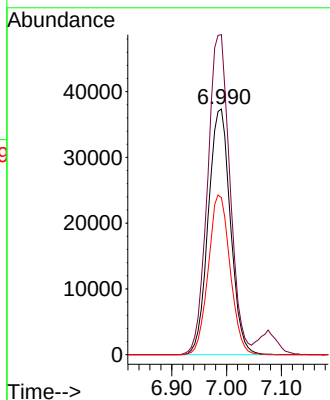
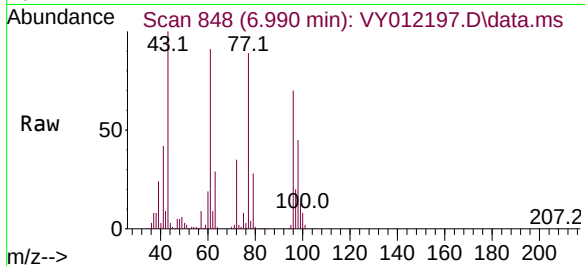




#27
 cis-1,2-Dichloroethene
 Concen: 48.686 ug/l
 RT: 6.990 min Scan# 847
 Delta R.T. 0.006 min
 Lab File: VY012197.D
 Acq: 16 Jan 2023 13:48

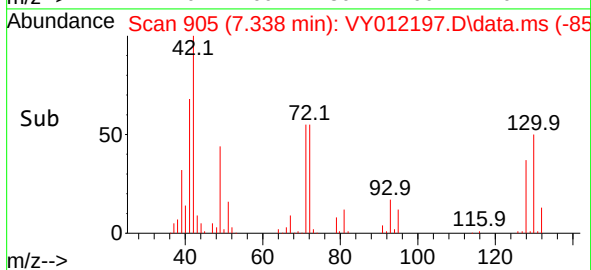
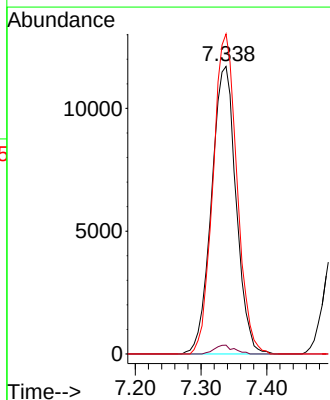
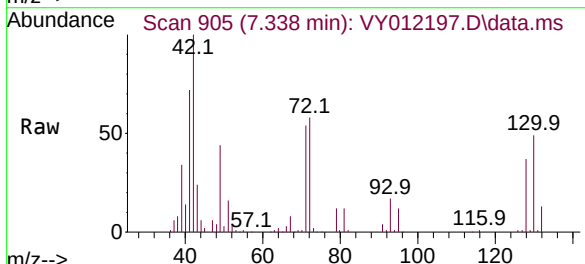
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

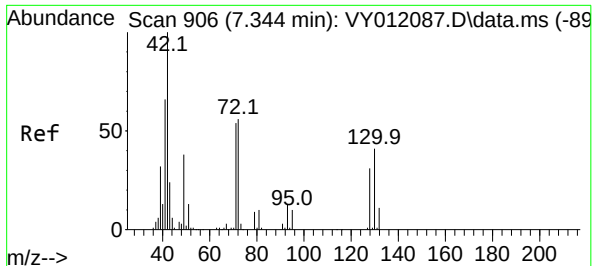
Tgt Ion: 96 Resp: 104740
 Ion Ratio Lower Upper
 96 100
 61 131.6 0.0 283.4
 98 63.9 0.0 127.6



#28
 Bromochloromethane
 Concen: 46.492 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.006 min
 Lab File: VY012197.D
 Acq: 16 Jan 2023 13:48

Tgt Ion: 49 Resp: 30470
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.6
 130 108.3 66.7 100.1#





#29

Tetrahydrofuran

Concen: 252.394 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY012197.D

Acq: 16 Jan 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

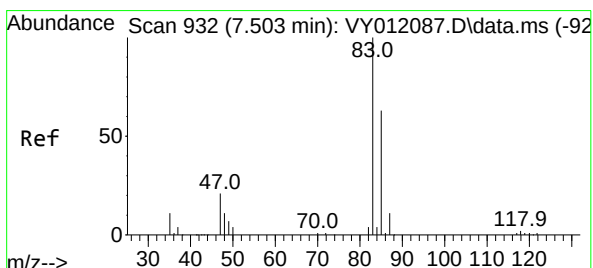
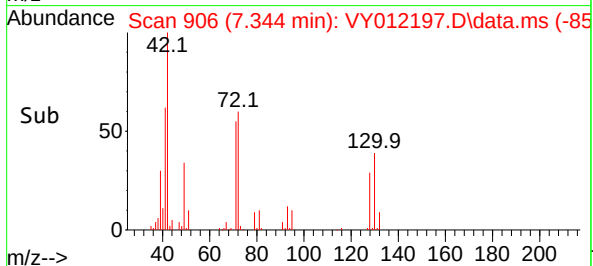
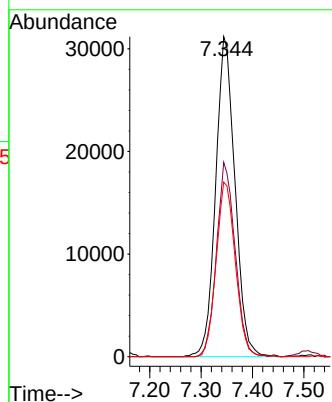
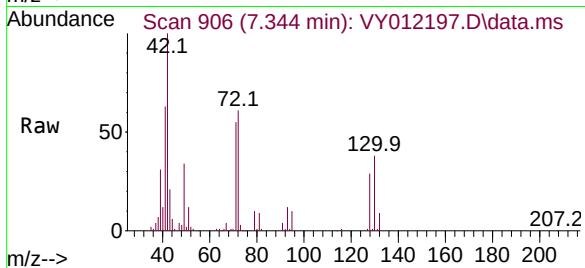
Tgt Ion: 42 Resp: 81443

Ion Ratio Lower Upper

42 100

72 58.6 37.0 55.6#

71 54.0 34.9 52.3#



#30

Chloroform

Concen: 48.528 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.006 min

Lab File: VY012197.D

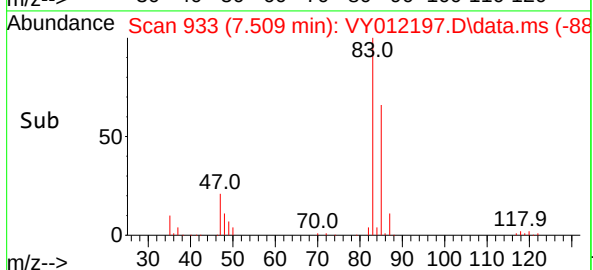
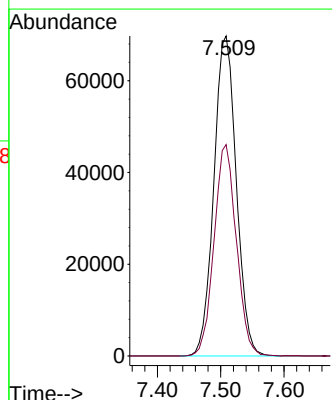
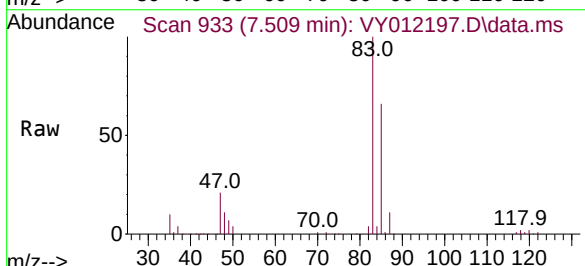
Acq: 16 Jan 2023 13:48

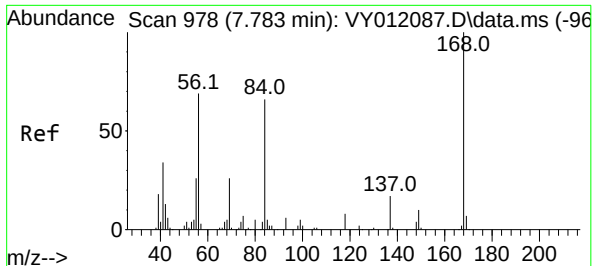
Tgt Ion: 83 Resp: 171905

Ion Ratio Lower Upper

83 100

85 66.1 51.5 77.3

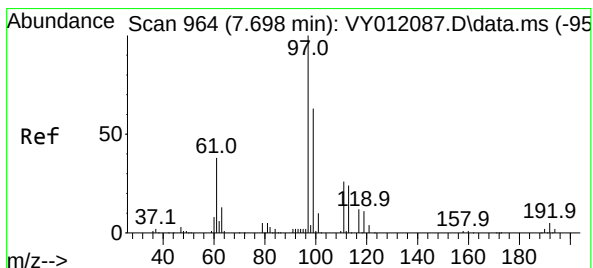
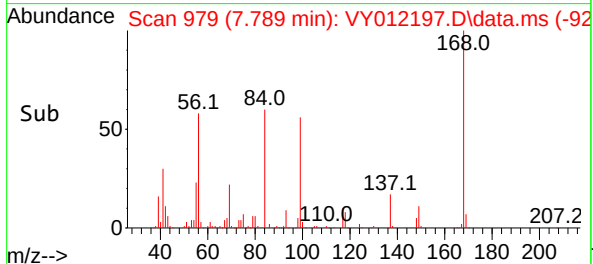
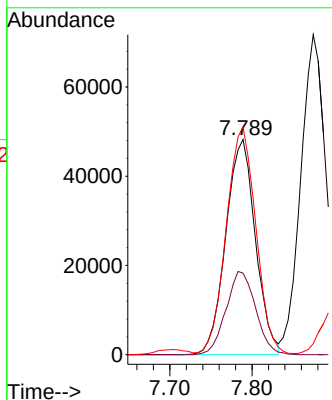
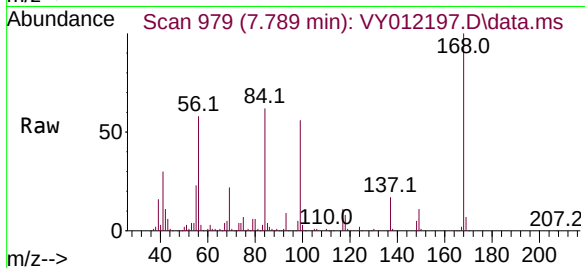




#31
Cyclohexane
Concen: 43.424 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012197.D
Acq: 16 Jan 2023 13:48

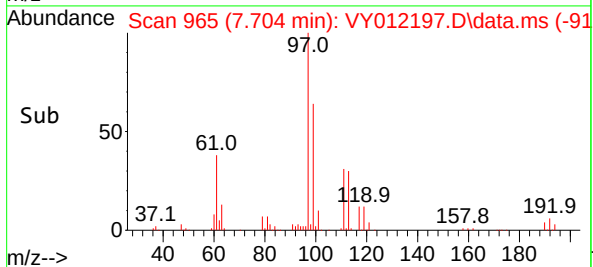
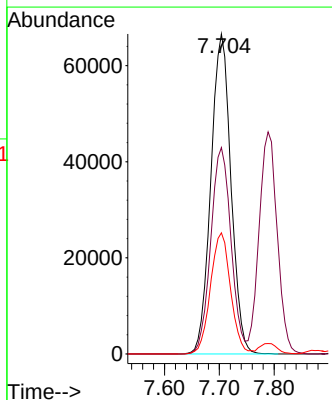
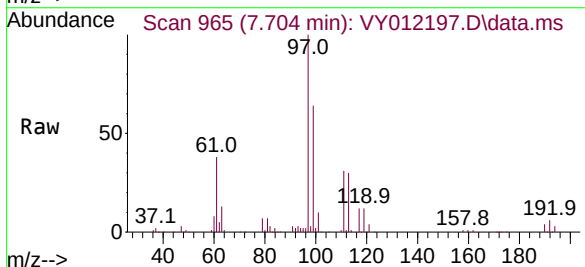
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

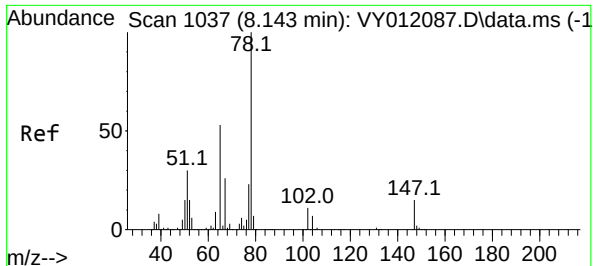
Tgt Ion: 56 Resp: 120988
Ion Ratio Lower Upper
56 100
69 37.9 29.2 43.8
84 103.7 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 48.221 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY012197.D
Acq: 16 Jan 2023 13:48

Tgt Ion: 97 Resp: 169110
Ion Ratio Lower Upper
97 100
99 65.0 51.0 76.4
61 38.1 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 49.305 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY012197.D

Acq: 16 Jan 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

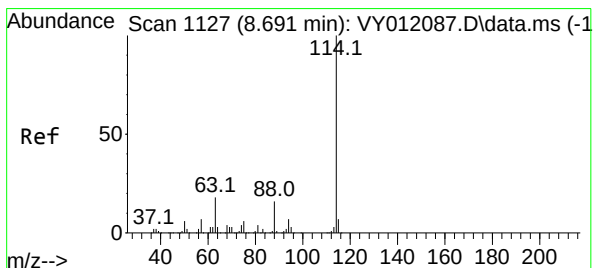
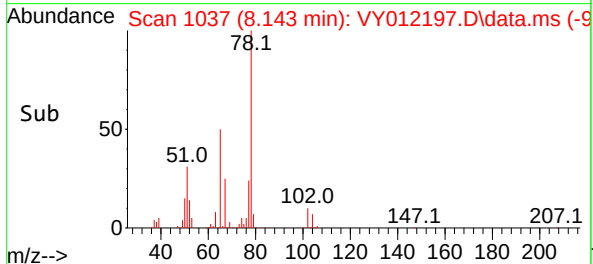
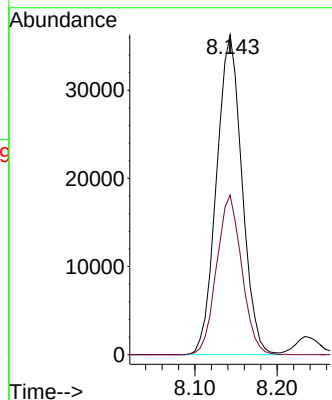
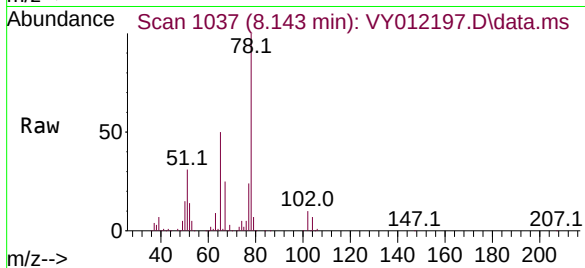
VSTDICCC050

Tgt Ion: 65 Resp: 78185

Ion Ratio Lower Upper

65 100

67 49.2 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: VY012197.D

Acq: 16 Jan 2023 13:48

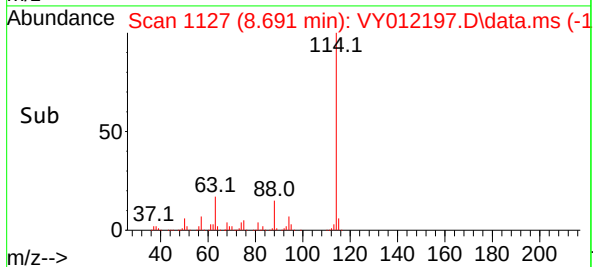
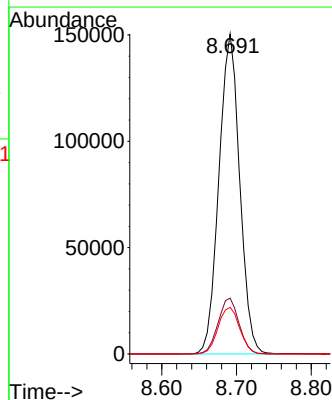
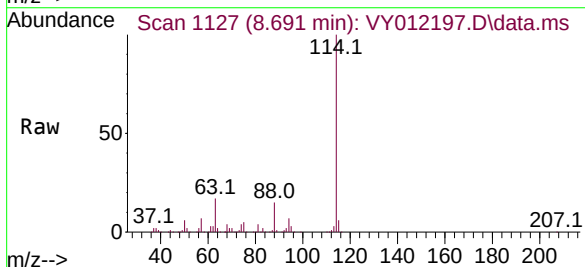
Tgt Ion: 114 Resp: 290797

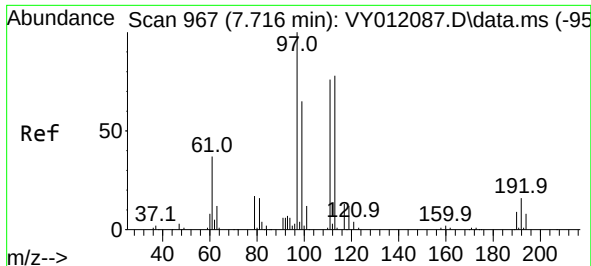
Ion Ratio Lower Upper

114 100

63 17.4 0.0 39.6

88 14.6 0.0 32.2

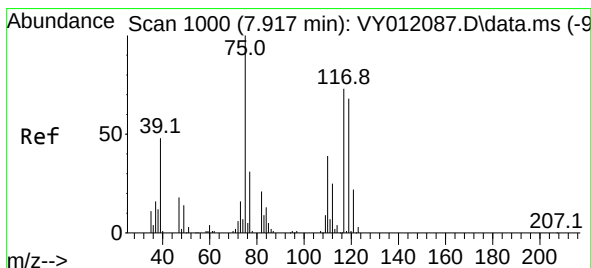
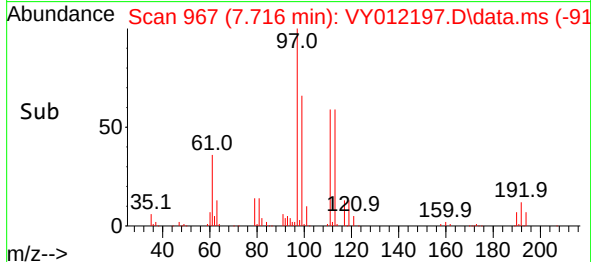
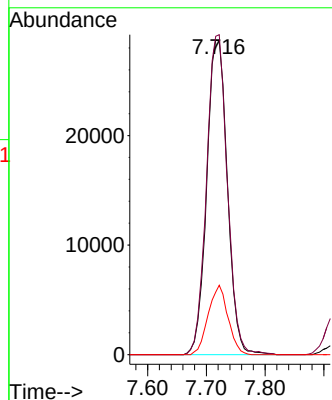
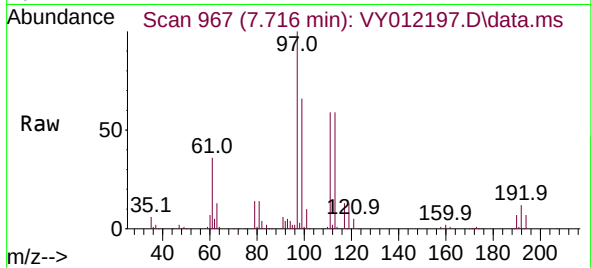




#35
Dibromofluoromethane
Concen: 45.507 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012197.D
Acq: 16 Jan 2023 13:48

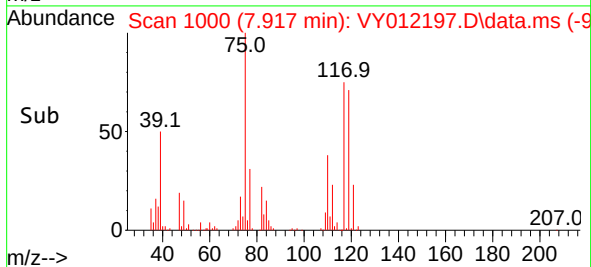
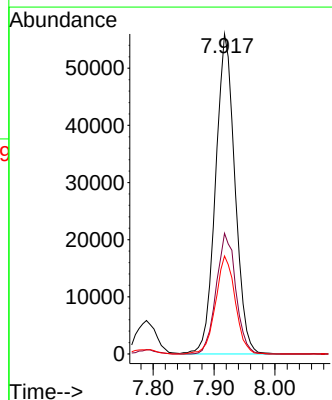
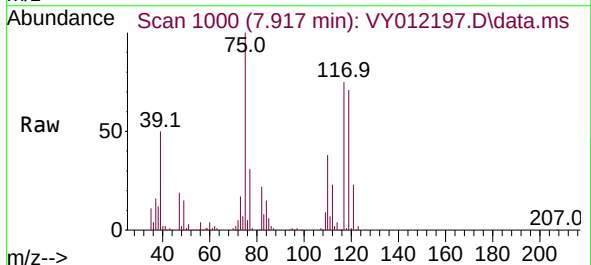
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

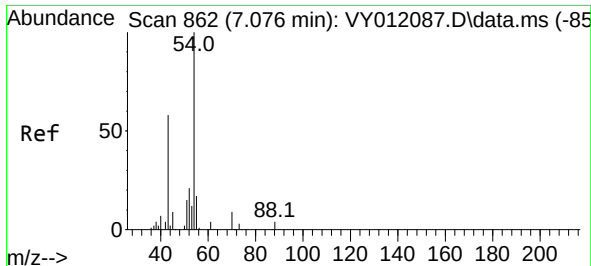
Tgt Ion:113 Resp: 70070
Ion Ratio Lower Upper
113 100
111 102.4 83.0 124.4
192 21.1 16.0 24.0



#36
1,1-Dichloropropene
Concen: 47.312 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY012197.D
Acq: 16 Jan 2023 13:48

Tgt Ion: 75 Resp: 123810
Ion Ratio Lower Upper
75 100
110 38.0 18.1 54.1
77 31.0 25.1 37.7





#37

Ethyl Acetate

Concen: 49.468 ug/l

RT: 7.076 min Scan# 8

Delta R.T. -0.000 min

Lab File: VY012197.D

Acq: 16 Jan 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

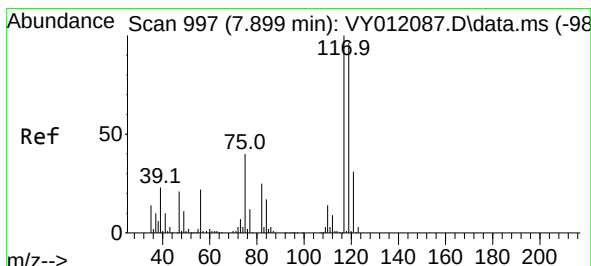
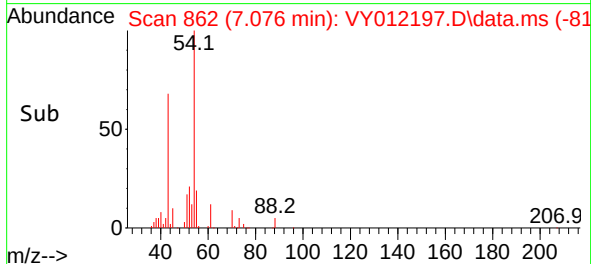
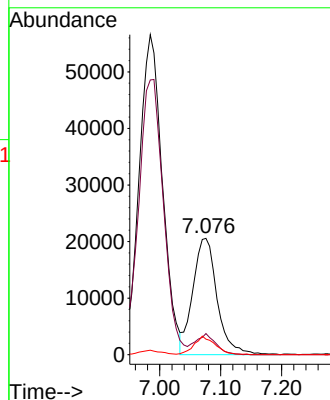
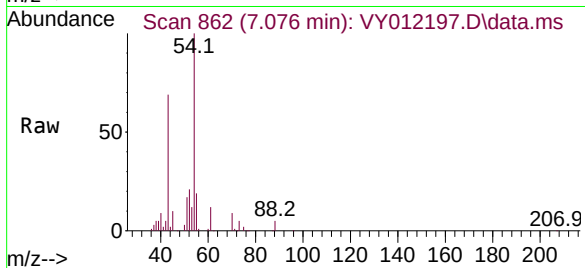
Tgt Ion: 43 Resp: 57067

Ion Ratio Lower Upper

43 100

61 15.2 11.3 16.9

70 13.9 8.2 12.4#



#38

Carbon Tetrachloride

Concen: 47.490 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.006 min

Lab File: VY012197.D

Acq: 16 Jan 2023 13:48

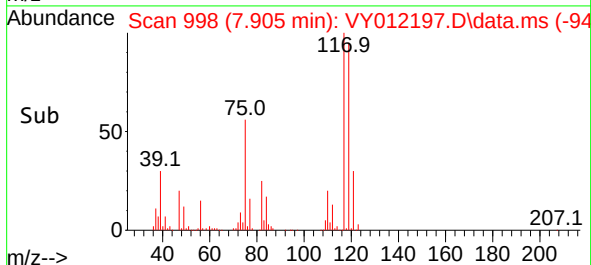
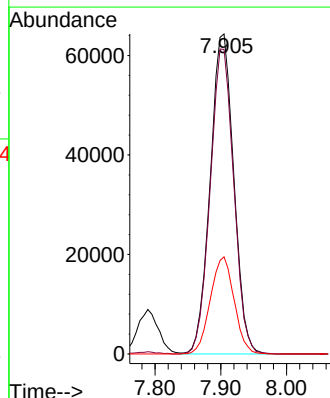
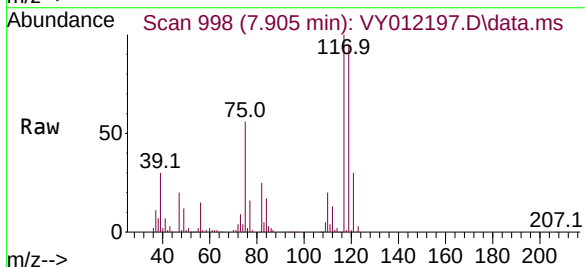
Tgt Ion: 117 Resp: 160502

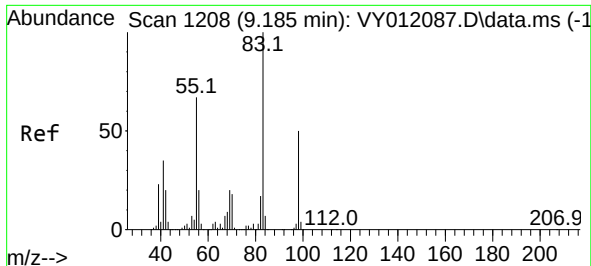
Ion Ratio Lower Upper

117 100

119 95.2 73.8 110.8

121 30.4 25.2 37.8





#39

Methylcyclohexane

Concen: 46.781 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012197.D

Acq: 16 Jan 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

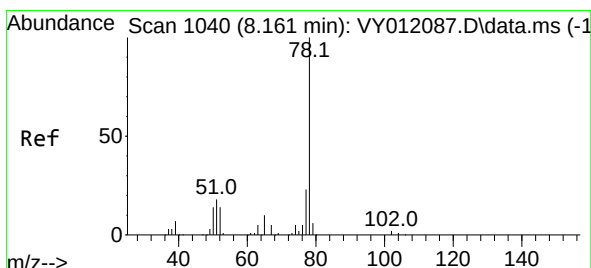
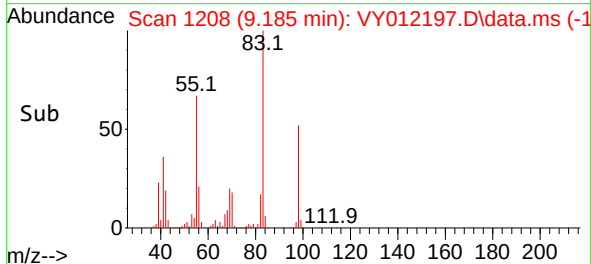
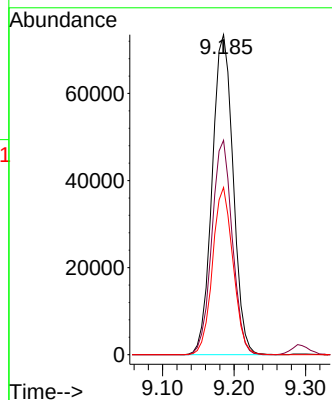
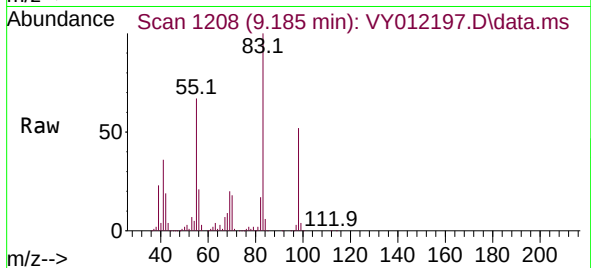
Tgt Ion: 83 Resp: 149602

Ion Ratio Lower Upper

83 100

55 67.0 58.2 87.2

98 52.2 38.6 58.0



#40

Benzene

Concen: 47.615 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY012197.D

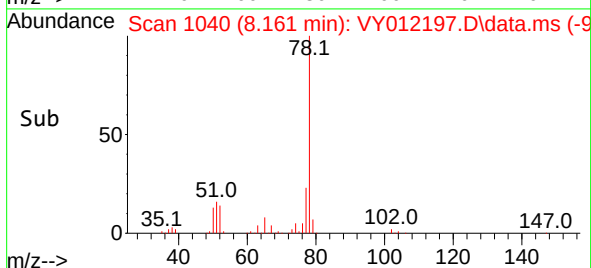
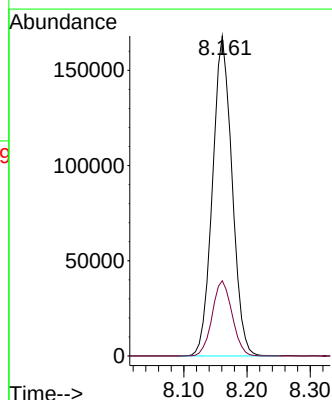
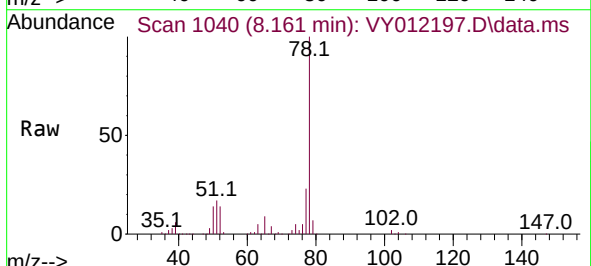
Acq: 16 Jan 2023 13:48

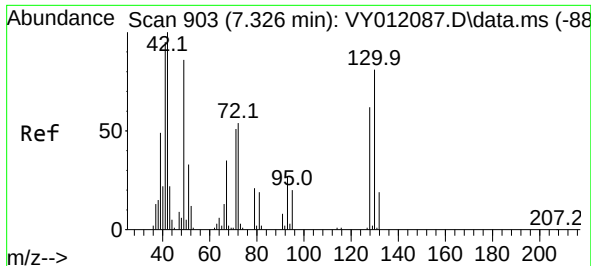
Tgt Ion: 78 Resp: 359633

Ion Ratio Lower Upper

78 100

77 23.5 18.6 27.8

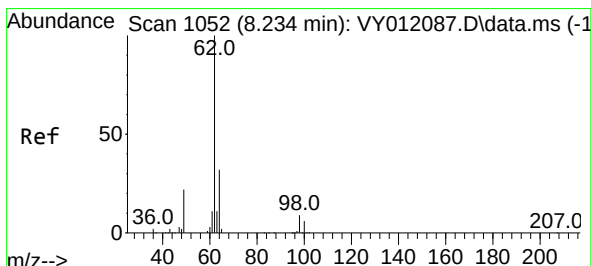
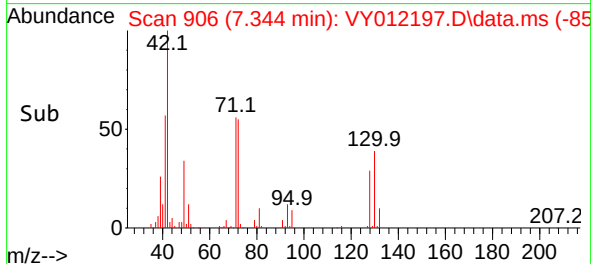
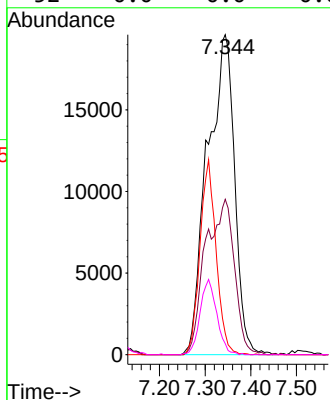
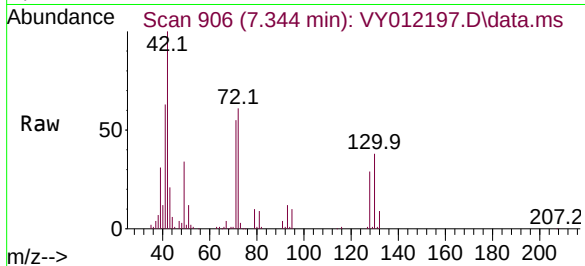




#41
Methacrylonitrile
Concen: 119.199 ug/l
RT: 7.344 min Scan# 903
Delta R.T. 0.018 min
Lab File: VY012197.D
Acq: 16 Jan 2023 13:48

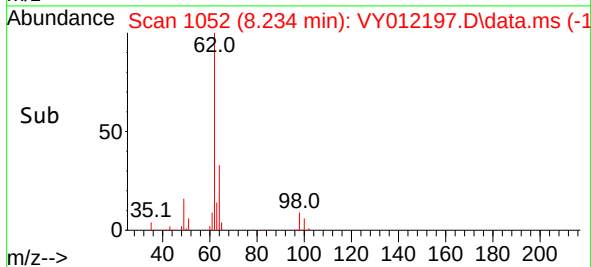
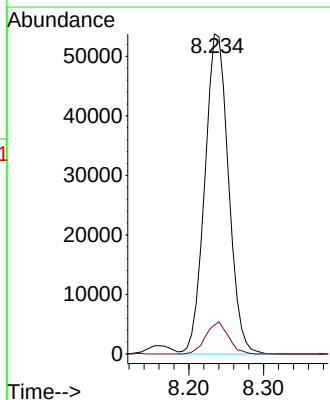
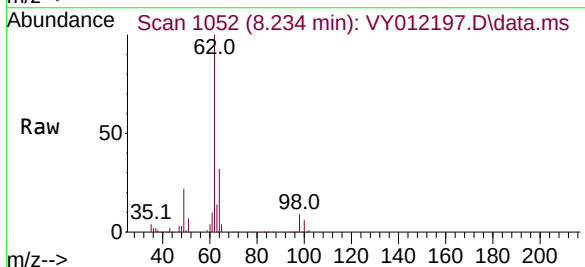
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

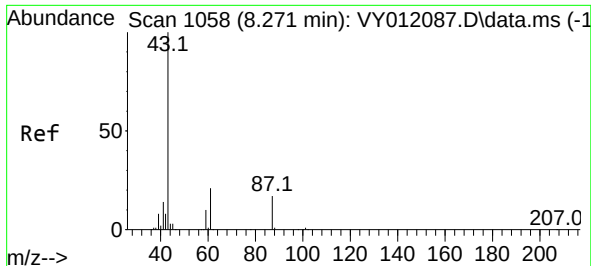
Tgt Ion: 41	Resp: 80828
Ion Ratio	Lower Upper
41 100	
39 0.0	0.0 0.0
67 0.0	0.0 0.0
52 0.0	0.0 0.0



#42
1,2-Dichloroethane
Concen: 49.289 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY012197.D
Acq: 16 Jan 2023 13:48

Tgt Ion: 62	Resp: 118518
Ion Ratio	Lower Upper
62 100	
98 9.5	0.0 19.6

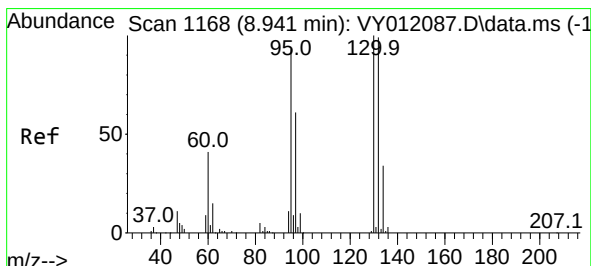
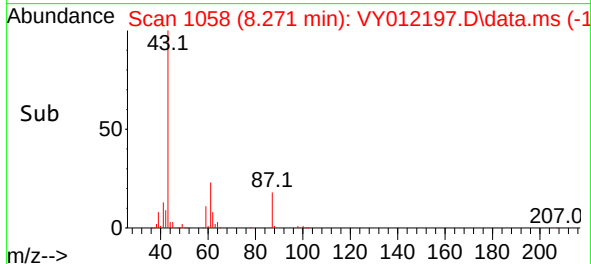
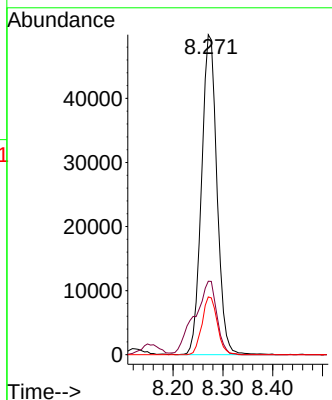
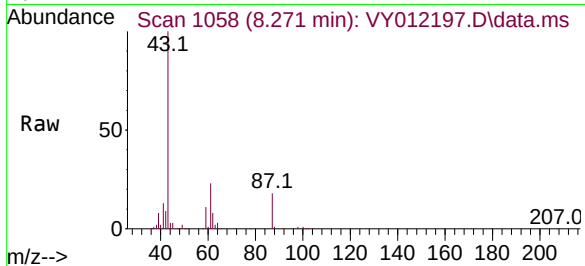




#43
Isopropyl Acetate
Concen: 49.987 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY012197.D
Acq: 16 Jan 2023 13:48

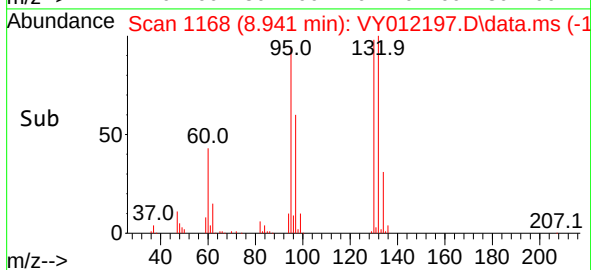
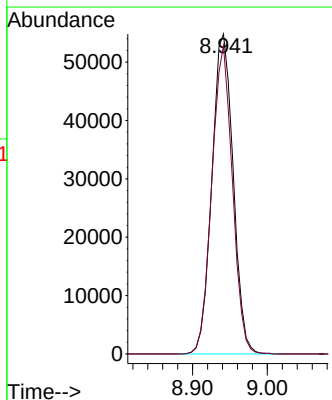
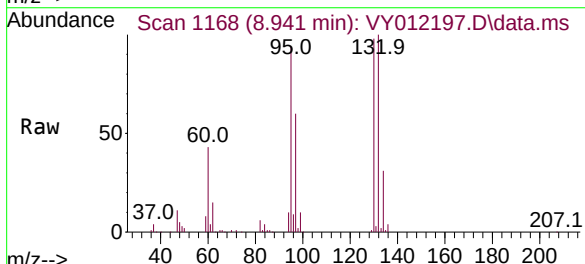
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

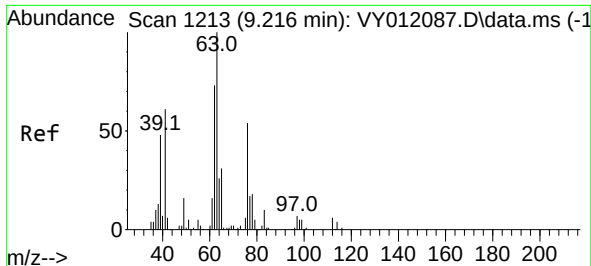
Tgt Ion: 43 Resp: 107287
Ion Ratio Lower Upper
43 100
61 33.2 24.4 36.6
87 17.8 11.4 17.2#



#44
Trichloroethene
Concen: 47.961 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY012197.D
Acq: 16 Jan 2023 13:48

Tgt Ion: 130 Resp: 108272
Ion Ratio Lower Upper
130 100
95 96.4 0.0 190.6





#45

1,2-Dichloropropane

Concen: 48.097 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY012197.D

Acq: 16 Jan 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

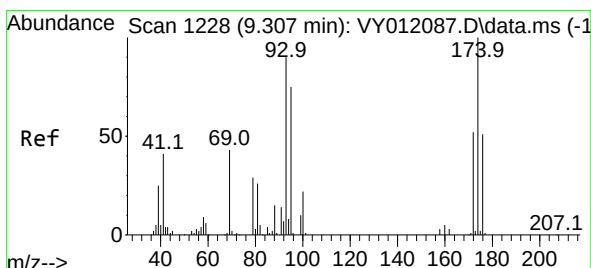
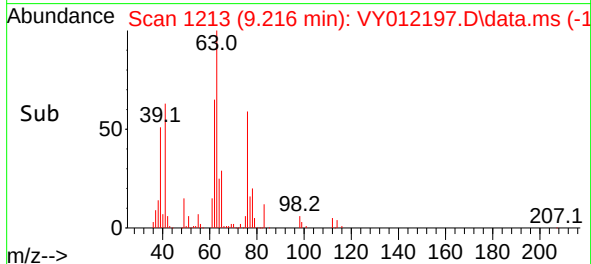
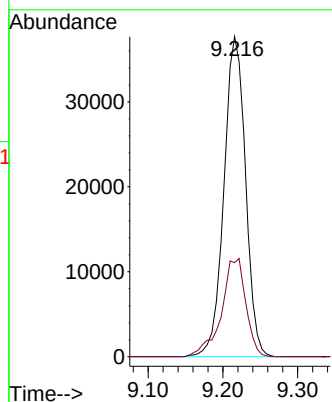
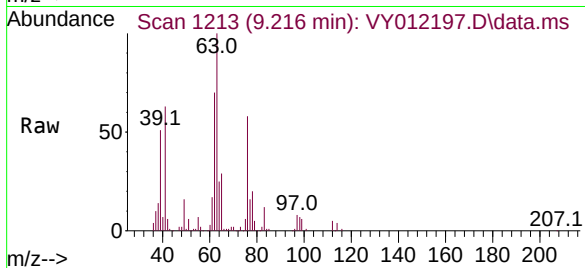
VSTDICCC050

Tgt Ion: 63 Resp: 75802

Ion Ratio Lower Upper

63 100

65 29.4 24.9 37.3



#46

Dibromomethane

Concen: 49.263 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY012197.D

Acq: 16 Jan 2023 13:48

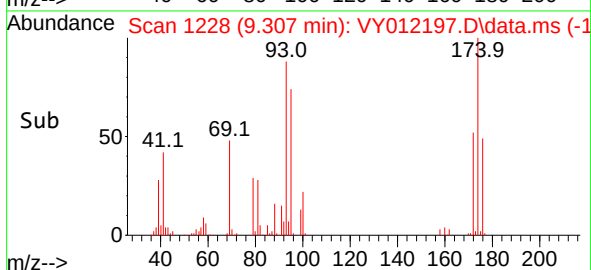
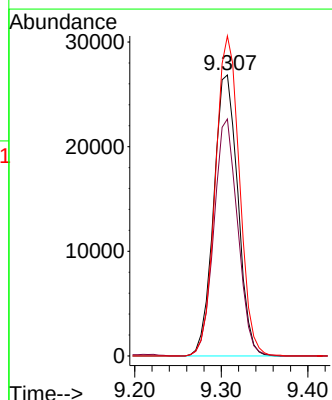
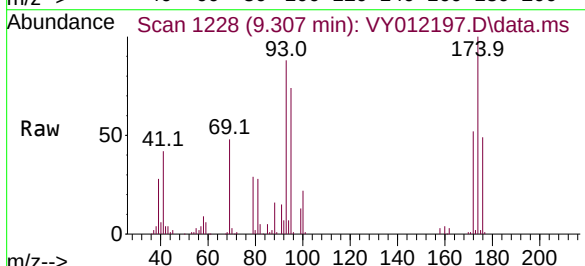
Tgt Ion: 93 Resp: 51976

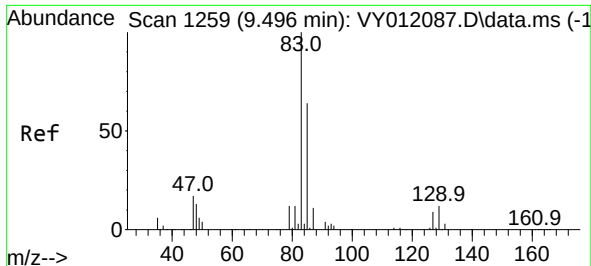
Ion Ratio Lower Upper

93 100

95 82.8 66.1 99.1

174 113.4 84.7 127.1

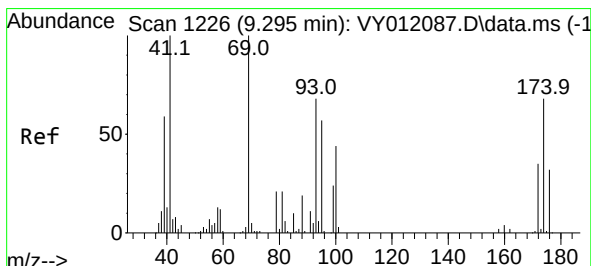
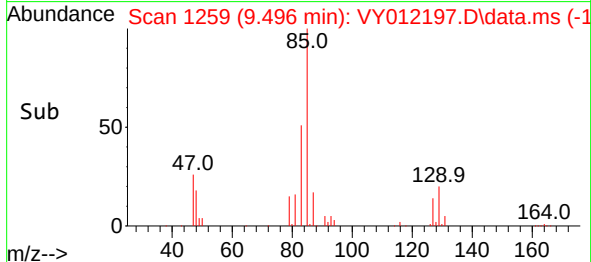
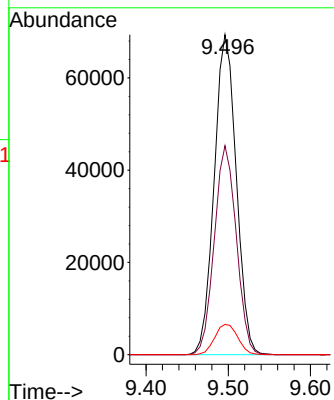
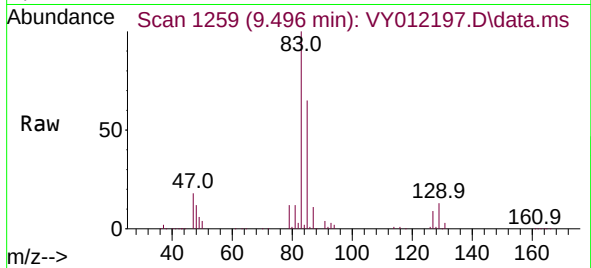




#47
Bromodichloromethane
Concen: 48.827 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY012197.D
Acq: 16 Jan 2023 13:48

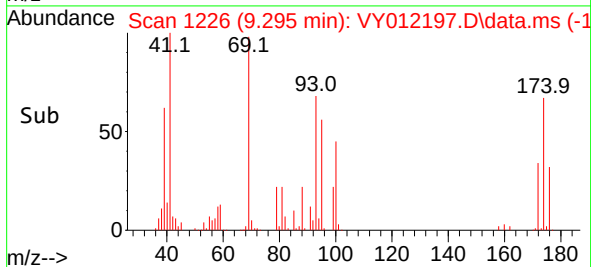
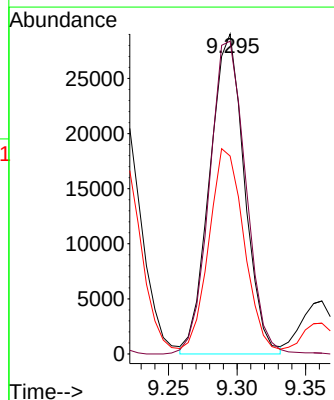
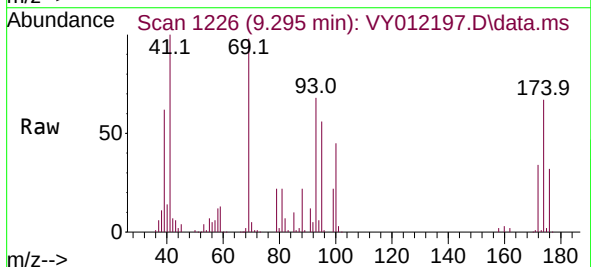
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

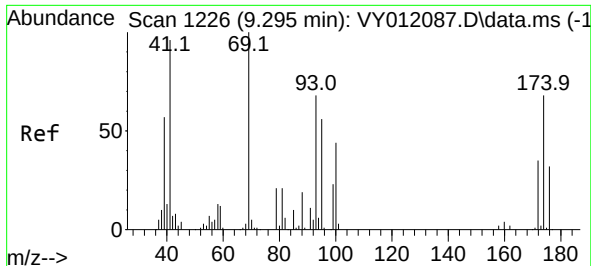
Tgt Ion: 83 Resp: 129678
Ion Ratio Lower Upper
83 100
85 65.3 52.0 78.0
127 9.4 7.3 10.9



#48
Methyl methacrylate
Concen: 51.787 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY012197.D
Acq: 16 Jan 2023 13:48

Tgt Ion: 41 Resp: 51213
Ion Ratio Lower Upper
41 100
69 102.0 74.2 111.2
39 62.4 46.3 69.5





#49

1,4-Dioxane

Concen: 1042.875 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012197.D

Acq: 16 Jan 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

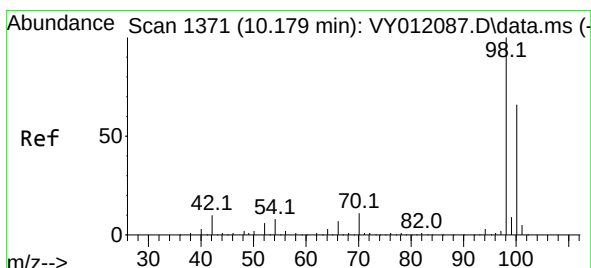
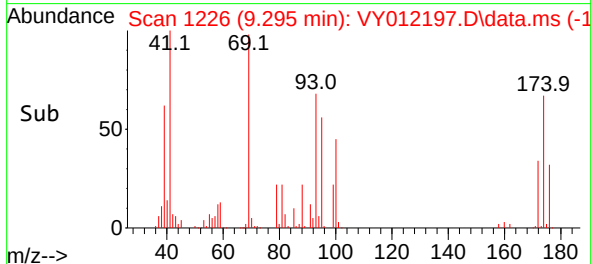
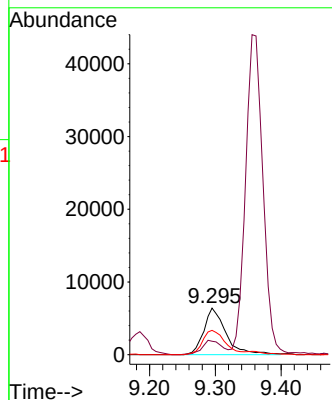
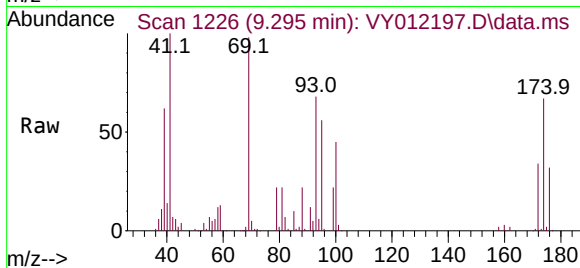
Tgt Ion: 88 Resp: 14993

Ion Ratio Lower Upper

88 100

43 27.1 26.2 39.2

58 53.3 54.3 81.5#



#50

Toluene-d8

Concen: 48.368 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012197.D

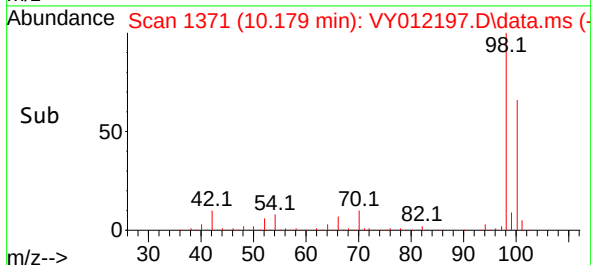
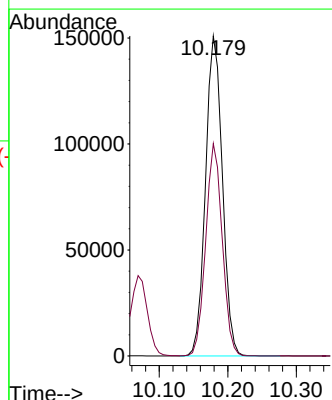
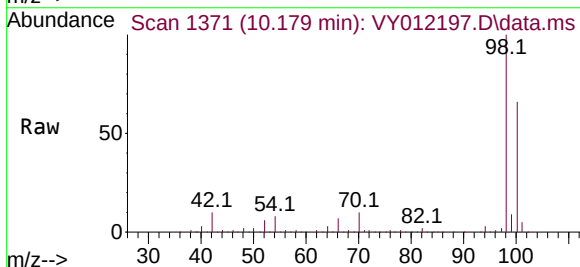
Acq: 16 Jan 2023 13:48

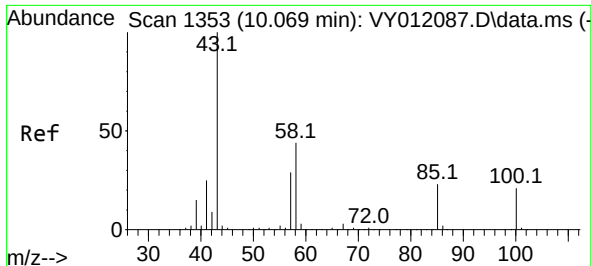
Tgt Ion: 98 Resp: 258797

Ion Ratio Lower Upper

98 100

100 65.0 51.9 77.9

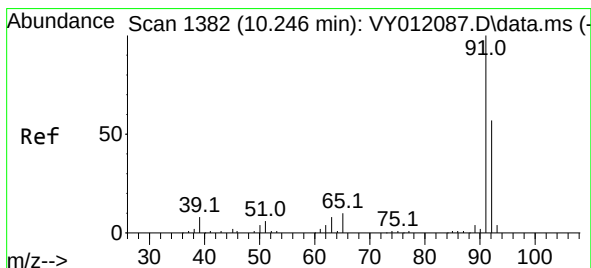
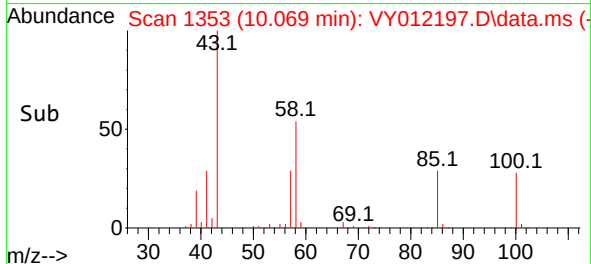
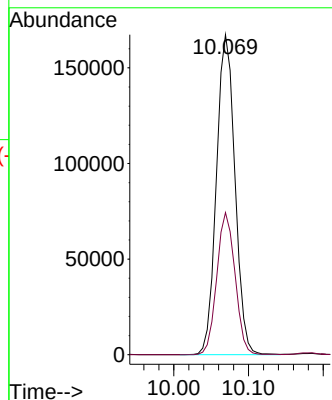
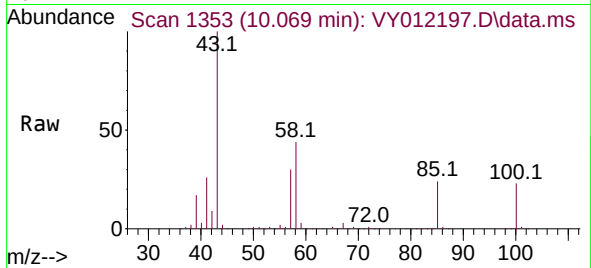




#51
4-Methyl-2-Pentanone
Concen: 252.262 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY012197.D
Acq: 16 Jan 2023 13:48

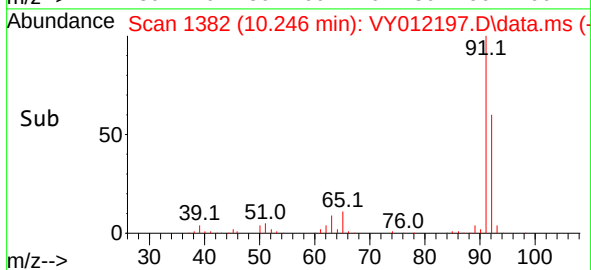
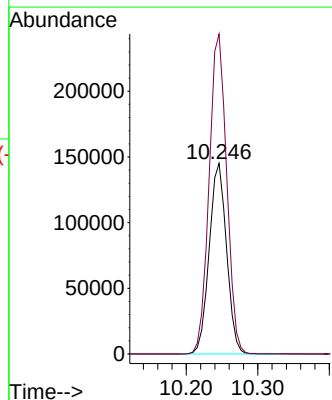
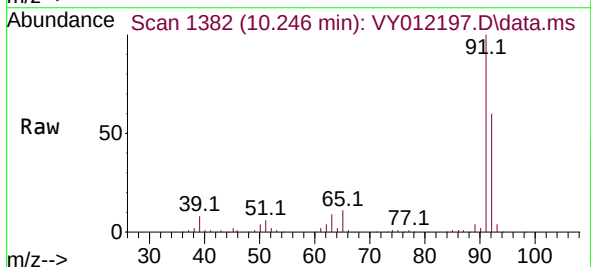
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

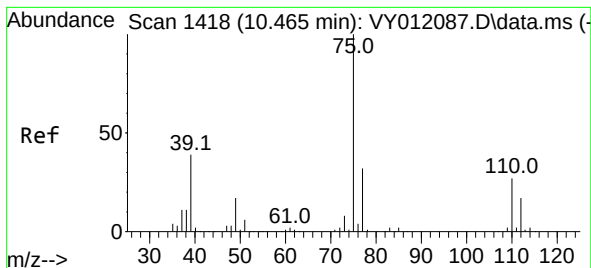
Tgt Ion: 43 Resp: 288706
Ion Ratio Lower Upper
43 100
58 43.8 32.9 49.3



#52
Toluene
Concen: 48.568 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY012197.D
Acq: 16 Jan 2023 13:48

Tgt Ion: 92 Resp: 244243
Ion Ratio Lower Upper
92 100
91 170.2 137.4 206.0

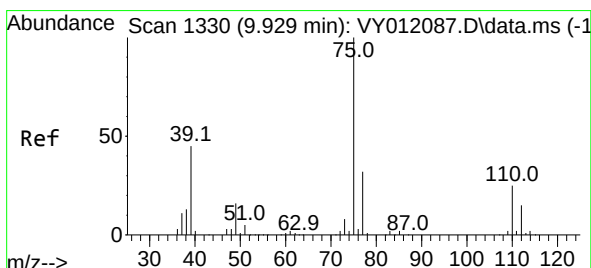
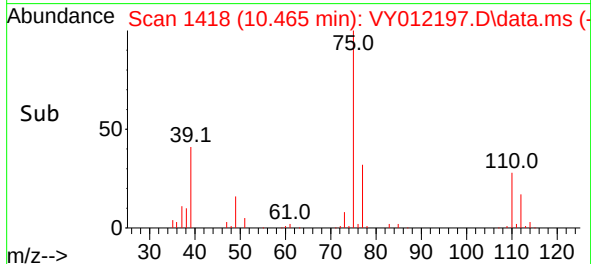
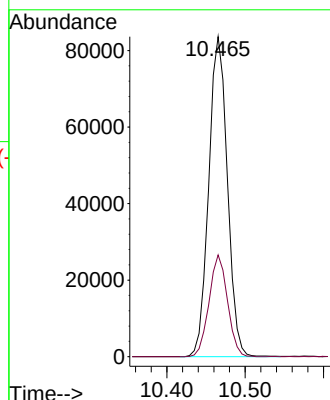
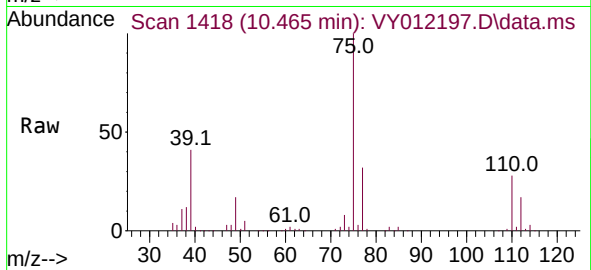




#53
t-1,3-Dichloropropene
Concen: 49.737 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY012197.D
Acq: 16 Jan 2023 13:48

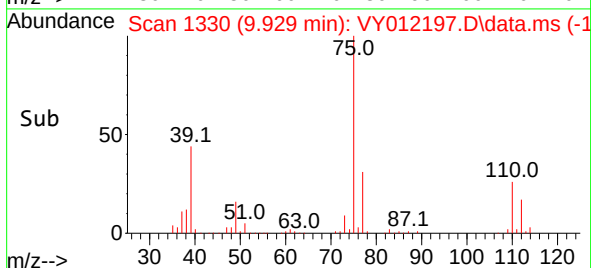
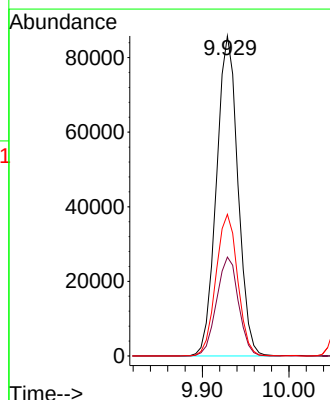
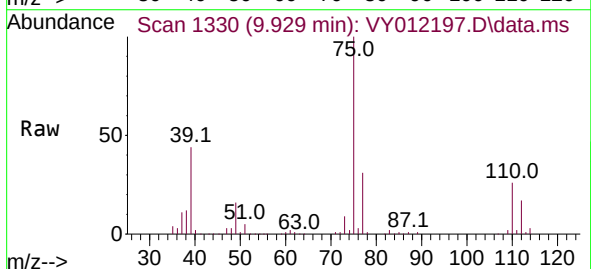
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

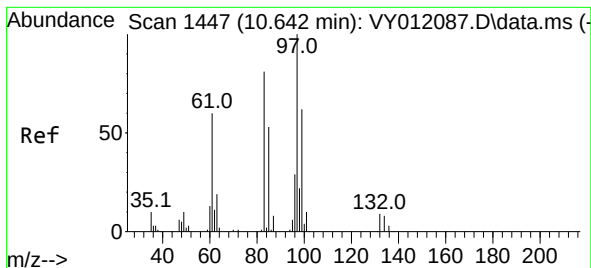
Tgt Ion: 75 Resp: 138171
Ion Ratio Lower Upper
75 100
77 31.8 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 49.384 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY012197.D
Acq: 16 Jan 2023 13:48

Tgt Ion: 75 Resp: 147746
Ion Ratio Lower Upper
75 100
77 30.9 25.9 38.9
39 44.2 34.6 52.0





#55

1,1,2-Trichloroethane

Concen: 49.369 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY012197.D

Acq: 16 Jan 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 74005

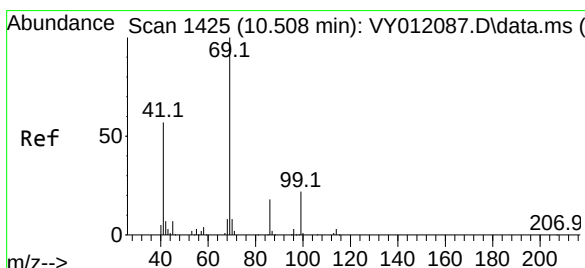
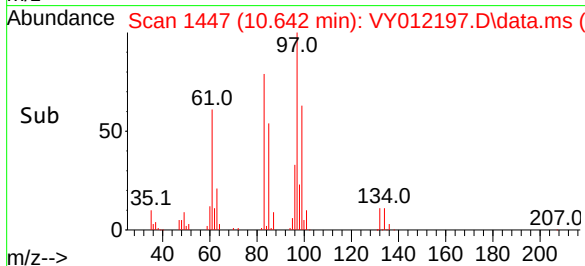
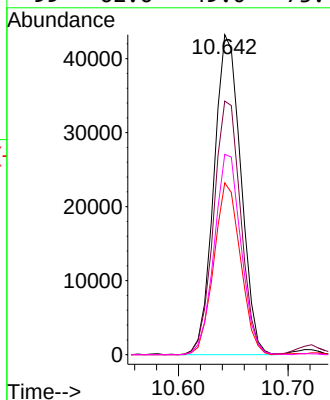
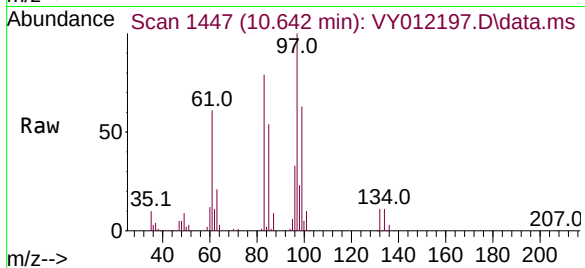
Ion Ratio Lower Upper

97 100

83 79.3 67.7 101.5

85 53.7 43.8 65.8

99 62.6 49.0 73.4



#56

Ethyl methacrylate

Concen: 51.129 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY012197.D

Acq: 16 Jan 2023 13:48

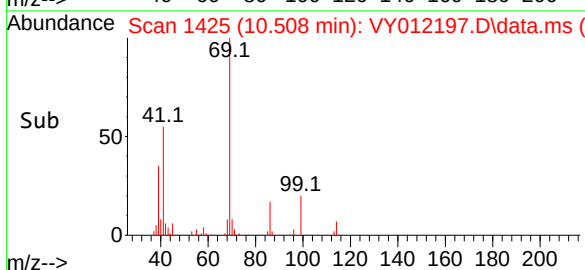
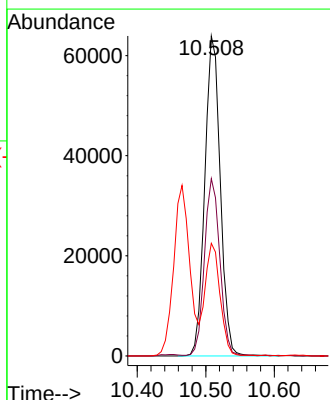
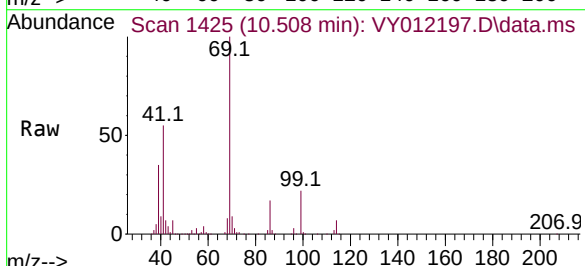
Tgt Ion: 69 Resp: 100550

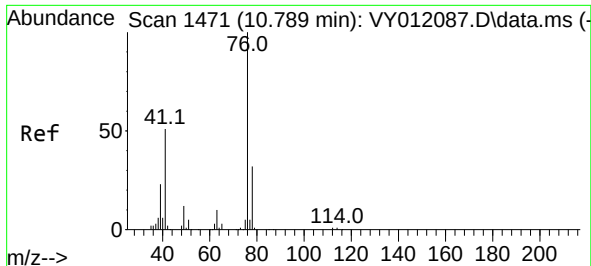
Ion Ratio Lower Upper

69 100

41 54.8 48.9 73.3

39 33.8 25.9 38.9





#57

1,3-Dichloropropane

Concen: 49.310 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY012197.D

Acq: 16 Jan 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

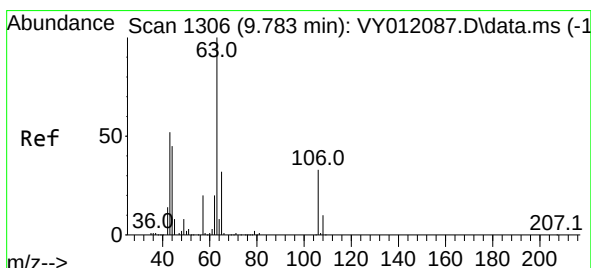
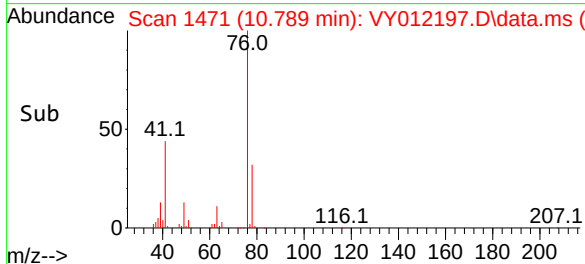
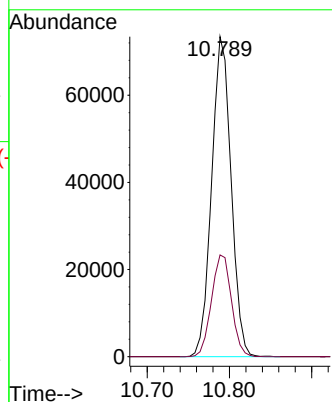
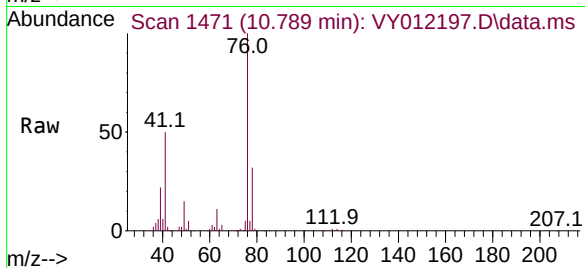
VSTDICCC050

Tgt Ion: 76 Resp: 120715

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 242.046 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY012197.D

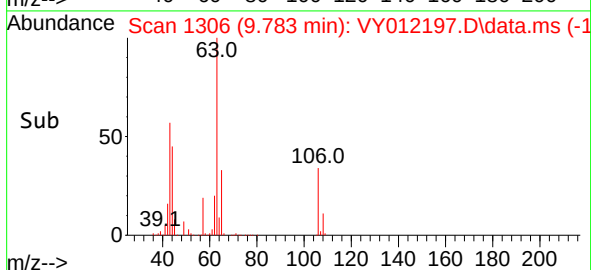
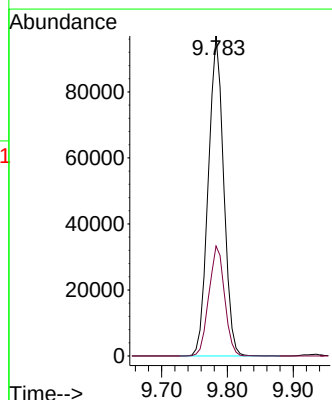
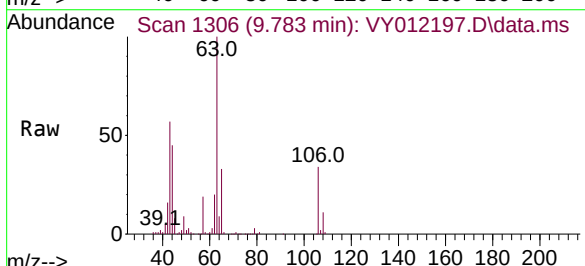
Acq: 16 Jan 2023 13:48

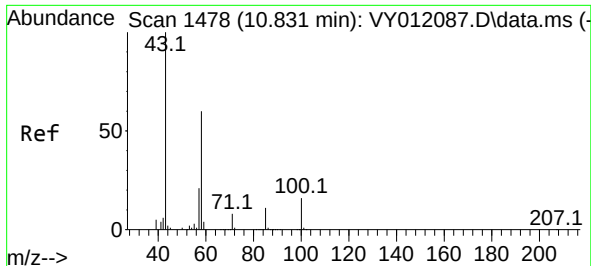
Tgt Ion: 63 Resp: 157504

Ion Ratio Lower Upper

63 100

106 35.0 23.2 34.8#

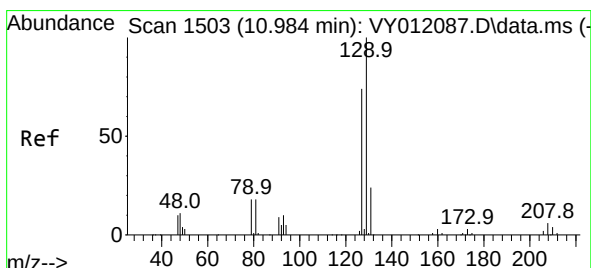
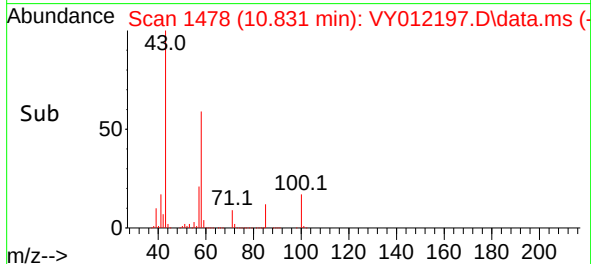
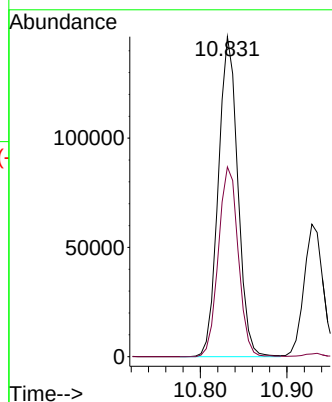
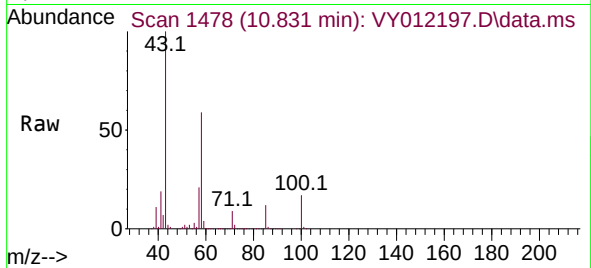




#59
2-Hexanone
Concen: 263.082 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY012197.D
Acq: 16 Jan 2023 13:48

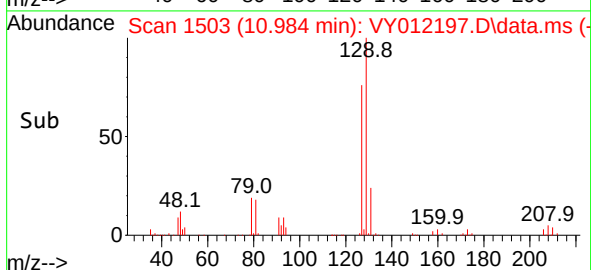
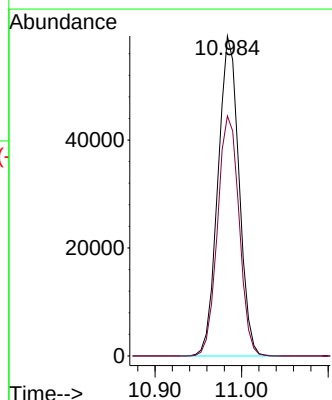
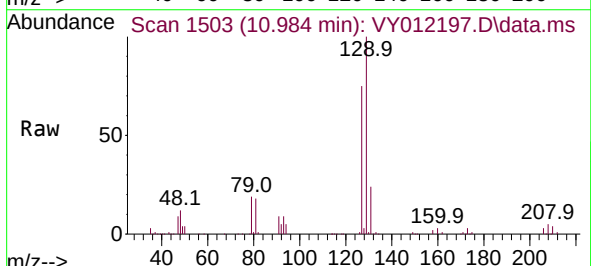
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

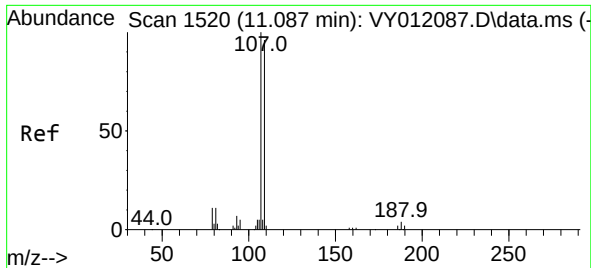
Tgt Ion: 43 Resp: 229234
Ion Ratio Lower Upper
43 100
58 60.3 28.4 85.2



#60
Dibromochloromethane
Concen: 50.196 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY012197.D
Acq: 16 Jan 2023 13:48

Tgt Ion:129 Resp: 99798
Ion Ratio Lower Upper
129 100
127 76.8 38.9 116.6

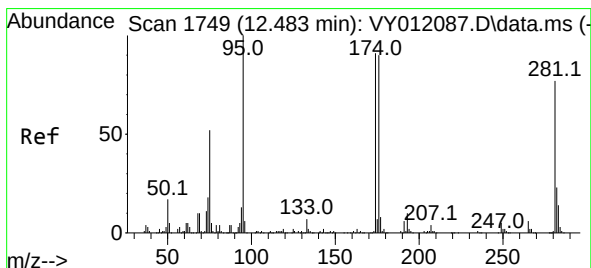
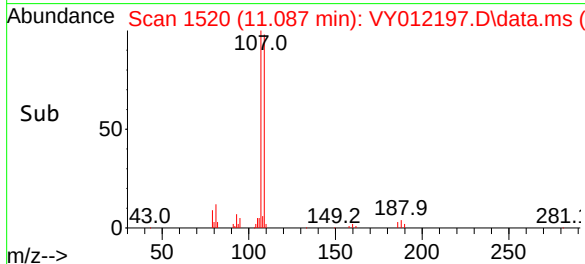
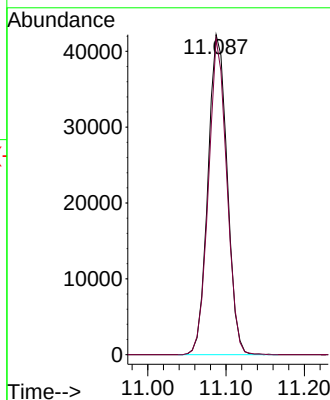
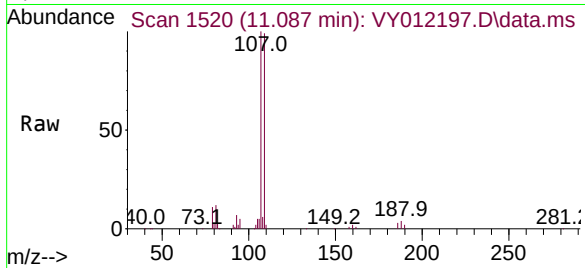




#61
1,2-Dibromoethane
Concen: 49.623 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY012197.D
Acq: 16 Jan 2023 13:48

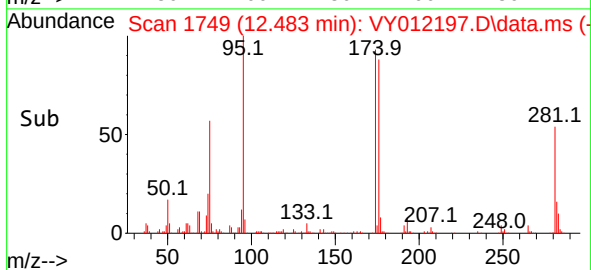
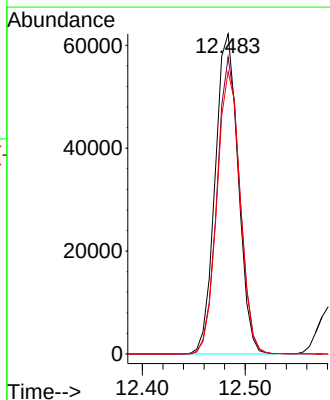
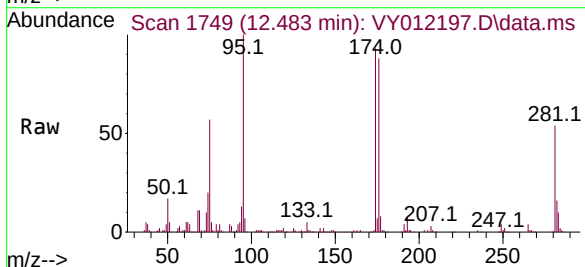
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

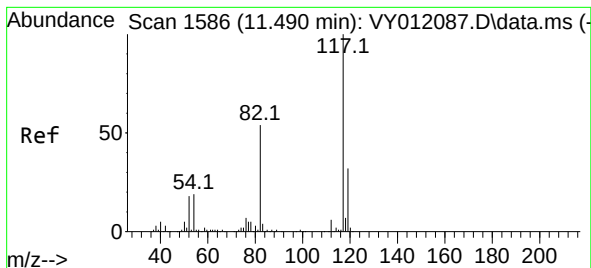
Tgt Ion:107 Resp: 71778
Ion Ratio Lower Upper
107 100
109 94.6 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 44.631 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012197.D
Acq: 16 Jan 2023 13:48

Tgt Ion: 95 Resp: 96876
Ion Ratio Lower Upper
95 100
174 91.1 0.0 172.0
176 88.9 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012197.D

Acq: 16 Jan 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

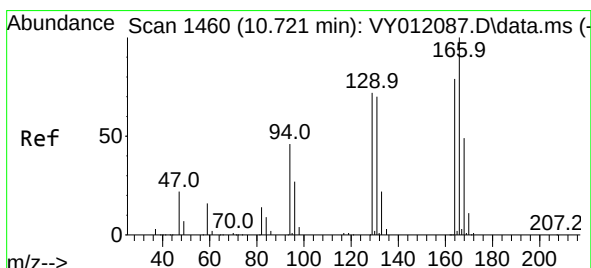
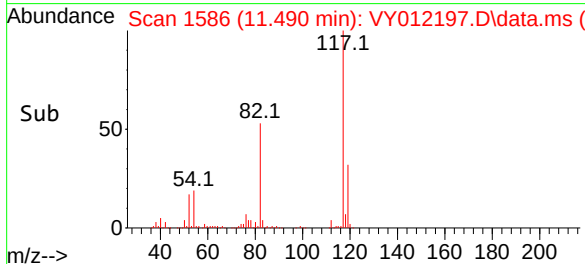
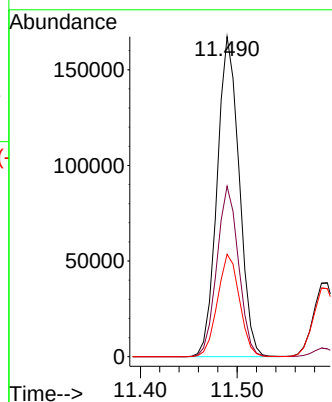
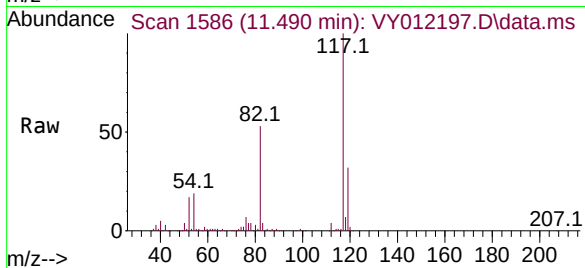
Tgt Ion:117 Resp: 264349

Ion Ratio Lower Upper

117 100

82 53.3 44.8 67.2

119 32.0 25.4 38.2



#64

Tetrachloroethene

Concen: 49.465 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY012197.D

Acq: 16 Jan 2023 13:48

Tgt Ion:164 Resp: 119318

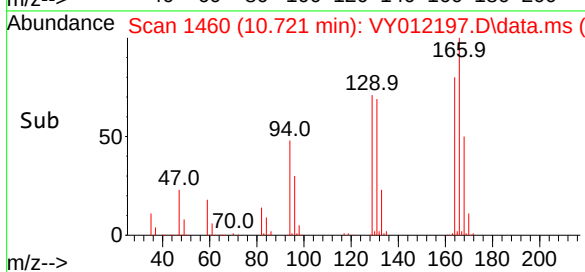
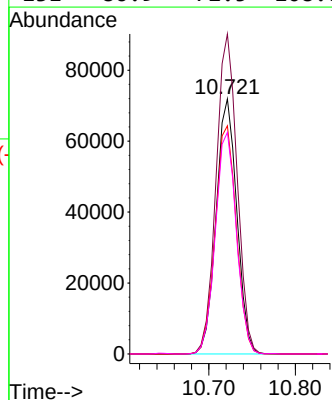
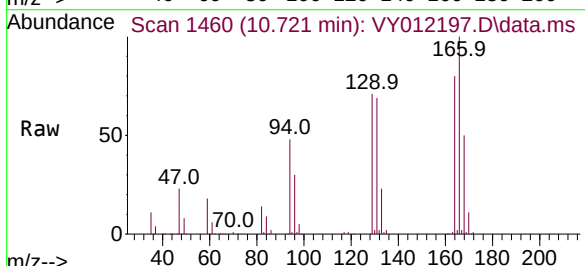
Ion Ratio Lower Upper

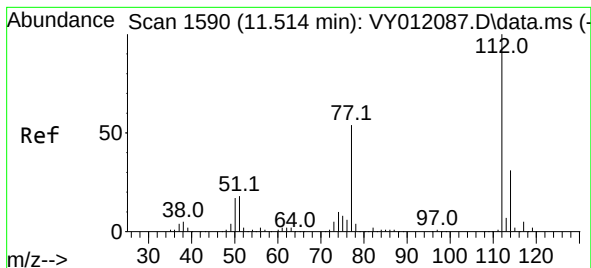
164 100

166 125.5 102.3 153.5

129 89.5 77.2 115.8

131 86.9 72.5 108.7

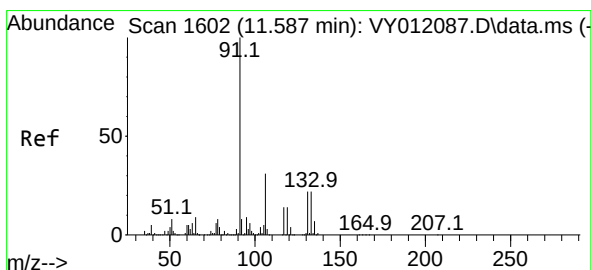
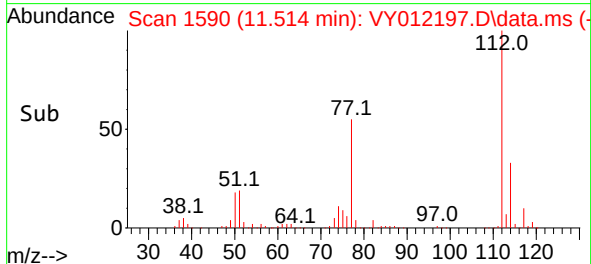
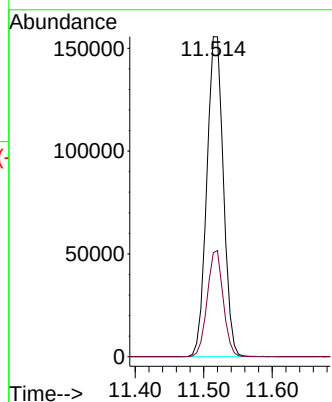
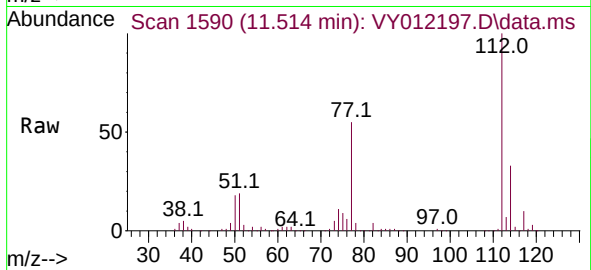




#65
Chlorobenzene
Concen: 48.391 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY012197.D
Acq: 16 Jan 2023 13:48

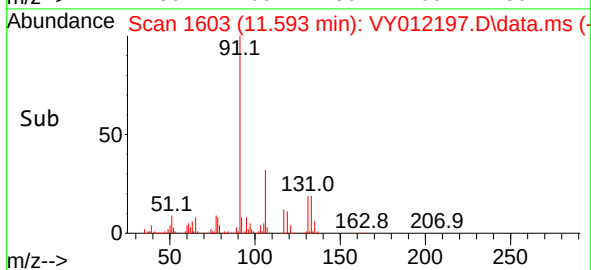
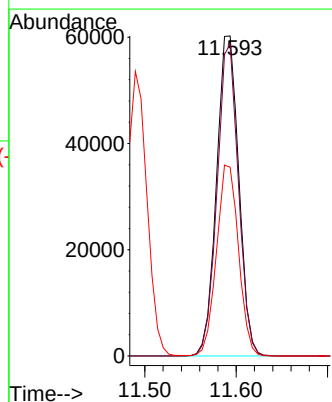
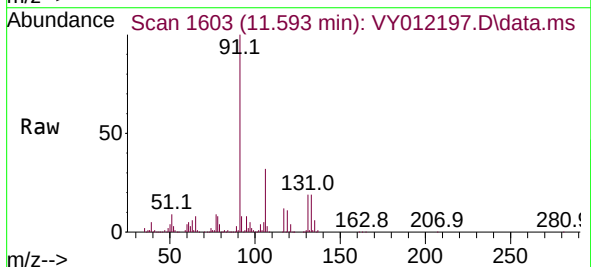
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

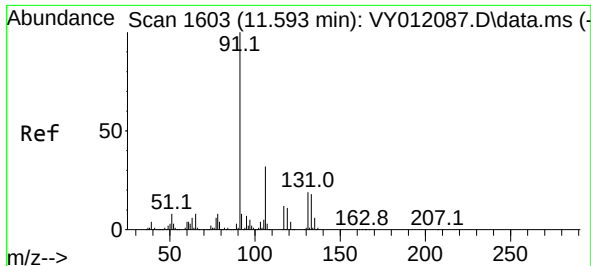
Tgt Ion:112 Resp: 261736
Ion Ratio Lower Upper
112 100
114 32.5 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 49.877 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY012197.D
Acq: 16 Jan 2023 13:48

Tgt Ion:131 Resp: 101825
Ion Ratio Lower Upper
131 100
133 93.5 47.3 142.0
119 59.1 32.1 96.3





#67

Ethyl Benzene

Concen: 48.966 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY012197.D

Acq: 16 Jan 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

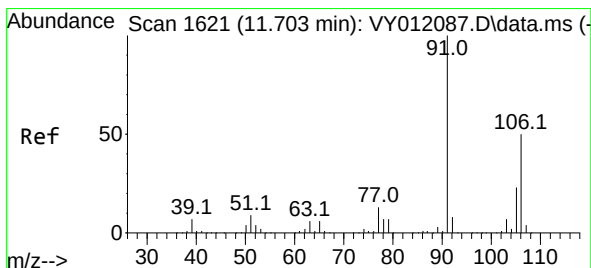
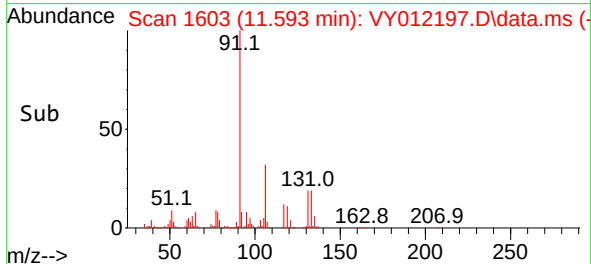
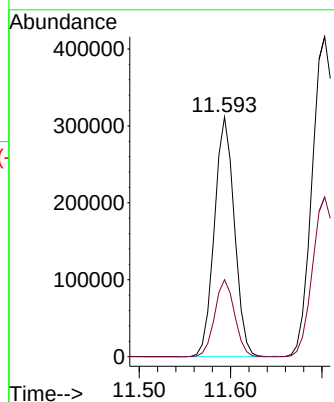
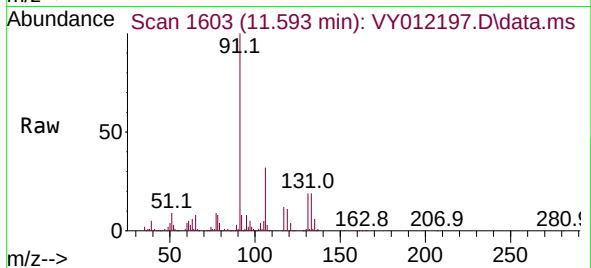
VSTDICCC050

Tgt Ion: 91 Resp: 473326

Ion Ratio Lower Upper

91 100

106 32.1 25.0 37.4



#68

m/p-Xylenes

Concen: 98.333 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY012197.D

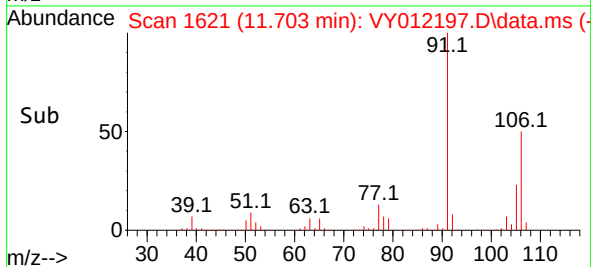
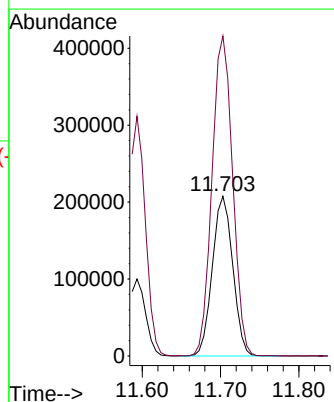
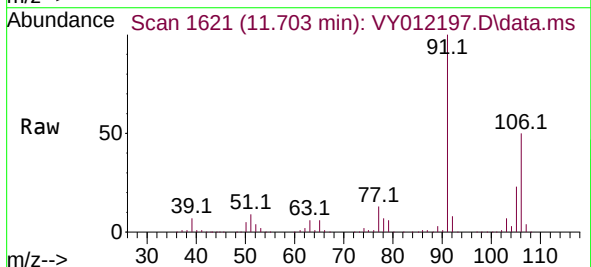
Acq: 16 Jan 2023 13:48

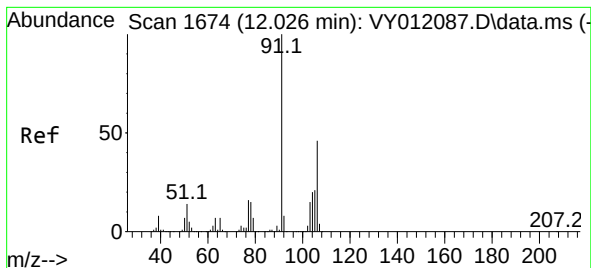
Tgt Ion: 106 Resp: 375824

Ion Ratio Lower Upper

106 100

91 202.4 162.5 243.7





#69

o-Xylene

Concen: 49.227 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY012197.D

Acq: 16 Jan 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

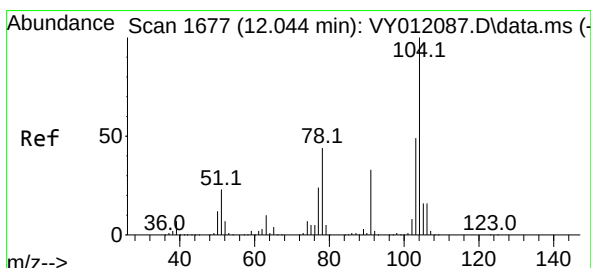
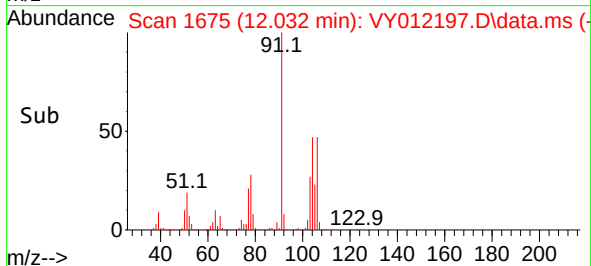
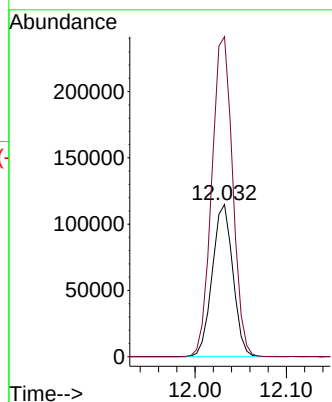
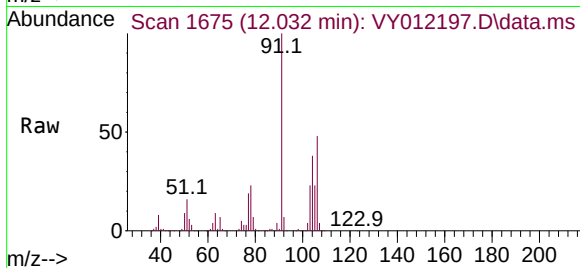
VSTDICCC050

Tgt Ion:106 Resp: 179706

Ion Ratio Lower Upper

106 100

91 213.3 107.5 322.4



#70

Styrene

Concen: 49.803 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY012197.D

Acq: 16 Jan 2023 13:48

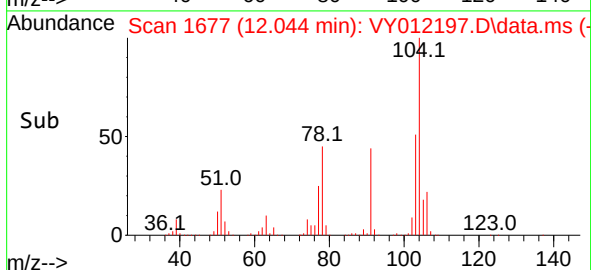
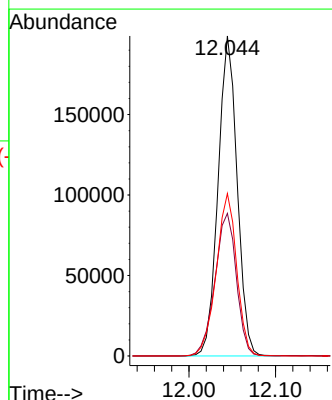
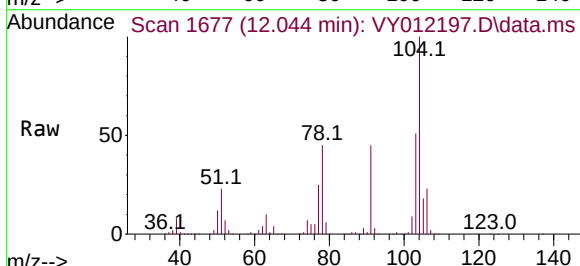
Tgt Ion:104 Resp: 303772

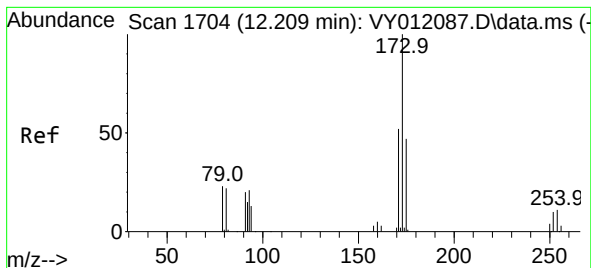
Ion Ratio Lower Upper

104 100

78 50.2 39.4 59.0

103 54.5 43.0 64.4





#71

Bromoform

Concen: 50.430 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012197.D

Acq: 16 Jan 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

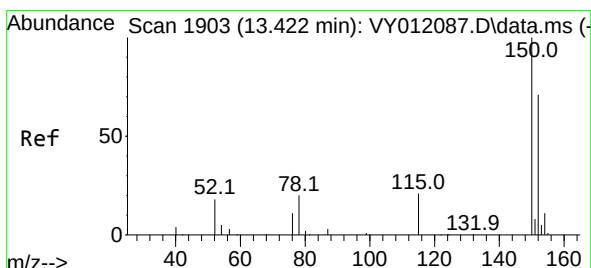
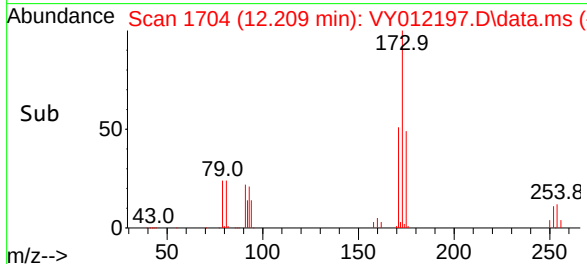
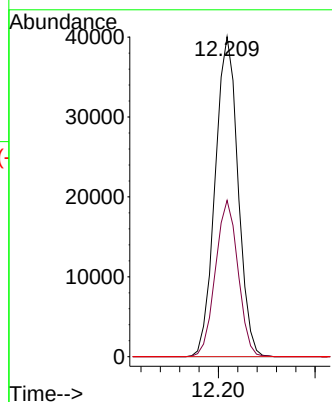
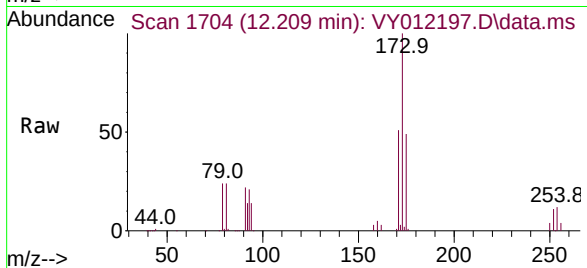
Tgt Ion:173 Resp: 65777

Ion Ratio Lower Upper

173 100

175 48.2 23.8 71.5

254 0.0 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: VY012197.D

Acq: 16 Jan 2023 13:48

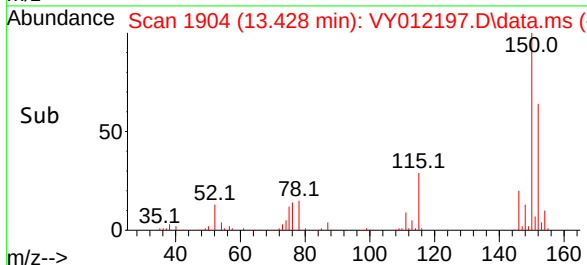
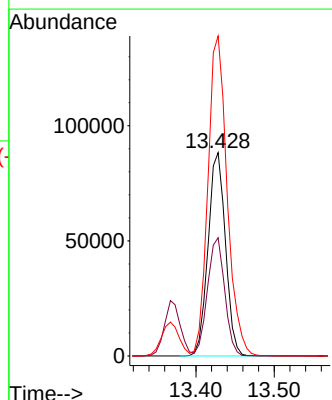
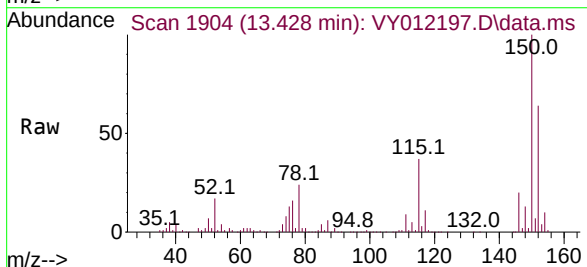
Tgt Ion:152 Resp: 135964

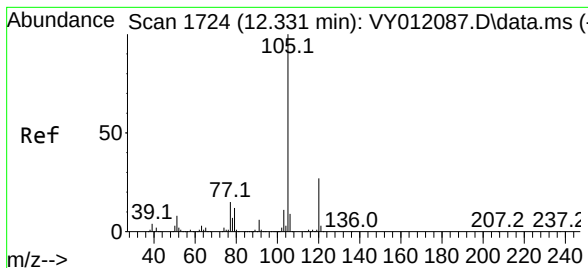
Ion Ratio Lower Upper

152 100

115 57.6 29.1 87.3

150 173.7 0.0 342.6





#73

Isopropylbenzene

Concen: 48.551 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012197.D

Acq: 16 Jan 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

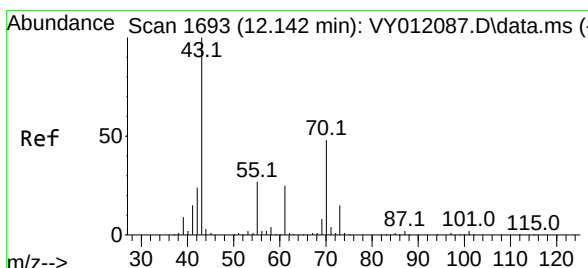
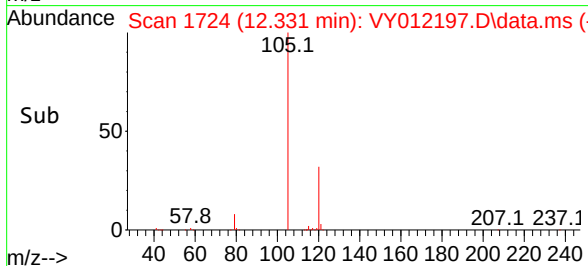
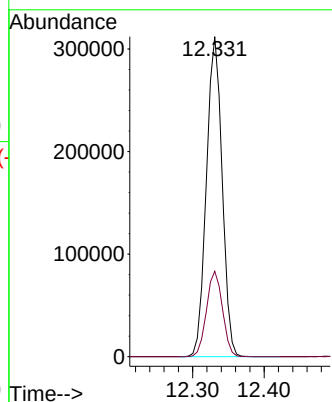
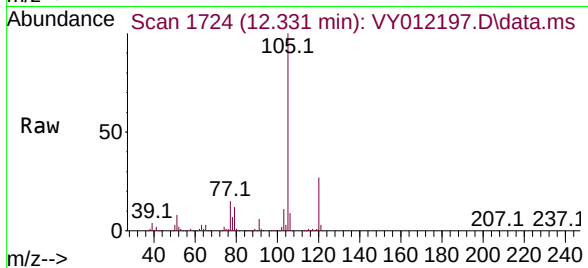
VSTDICCC050

Tgt Ion:105 Resp: 476002

Ion Ratio Lower Upper

105 100

120 27.1 13.2 39.6



#74

N-ethyl acetate

Concen: 50.608 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY012197.D

Acq: 16 Jan 2023 13:48

Tgt Ion: 43 Resp: 97264

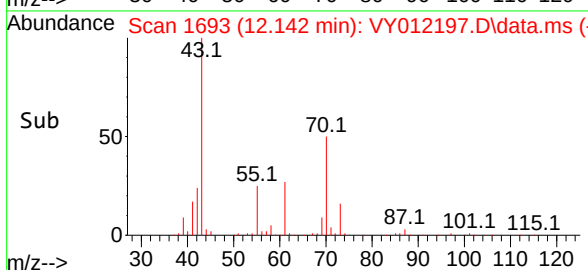
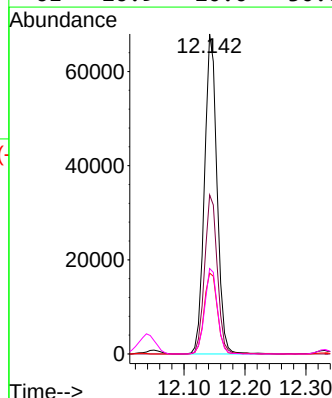
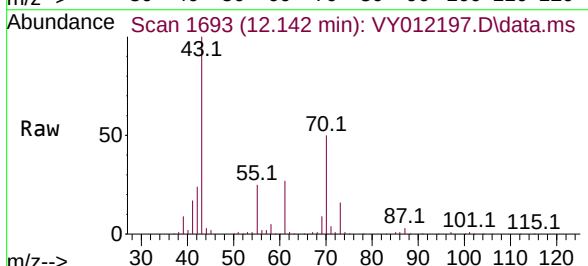
Ion Ratio Lower Upper

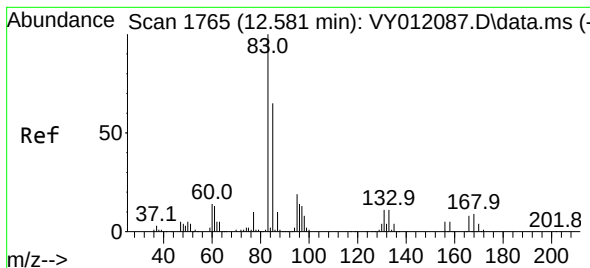
43 100

70 50.2 35.8 53.8

55 26.9 21.0 31.4

61 26.9 20.0 30.0

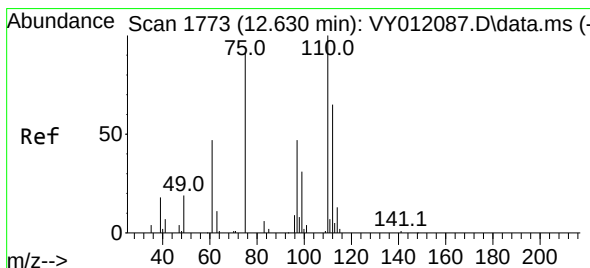
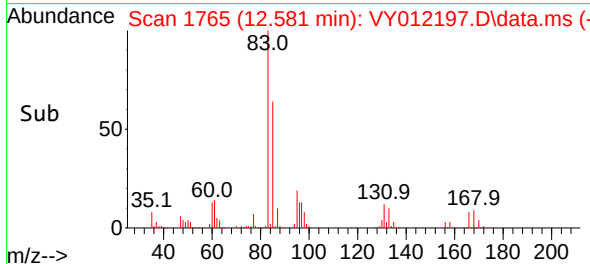
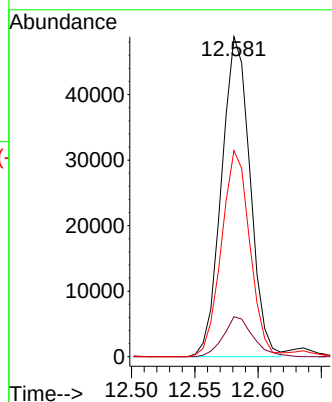
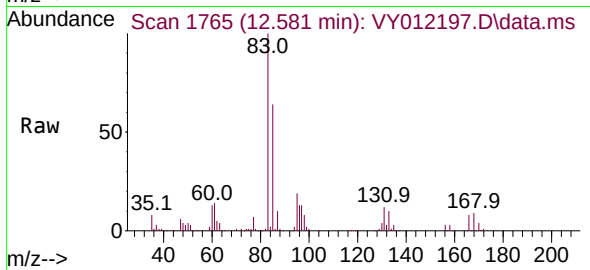




#75
 1,1,2-Tetrachloroethane
 Concen: 49.557 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY012197.D
 Acq: 16 Jan 2023 13:48

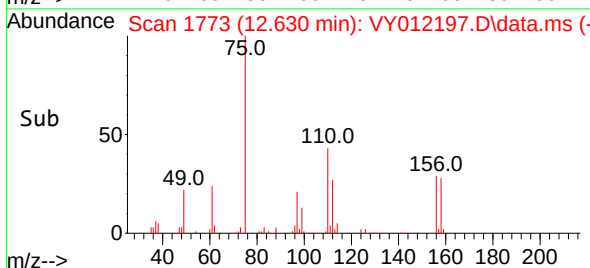
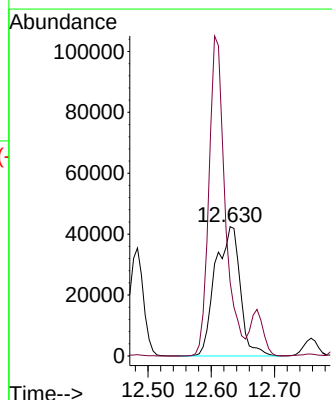
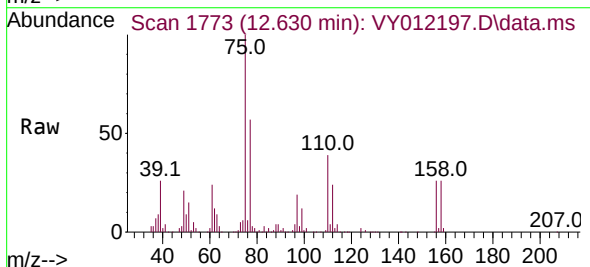
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

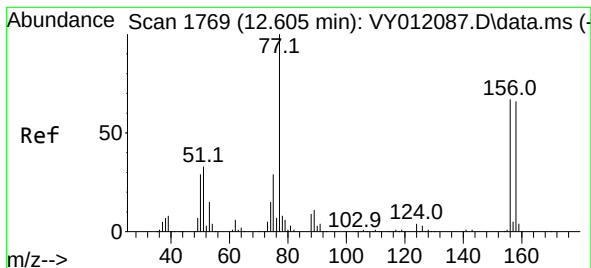
Tgt Ion: 83 Resp: 76529
 Ion Ratio Lower Upper
 83 100
 131 13.0 5.6 16.8
 85 64.1 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 92.766 ug/l
 RT: 12.630 min Scan# 1773
 Delta R.T. -0.000 min
 Lab File: VY012197.D
 Acq: 16 Jan 2023 13:48

Tgt Ion: 75 Resp: 115979
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.114 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY012197.D

Acq: 16 Jan 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

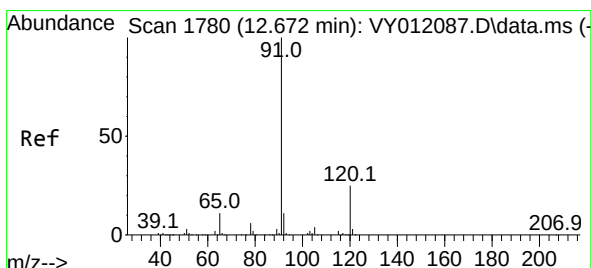
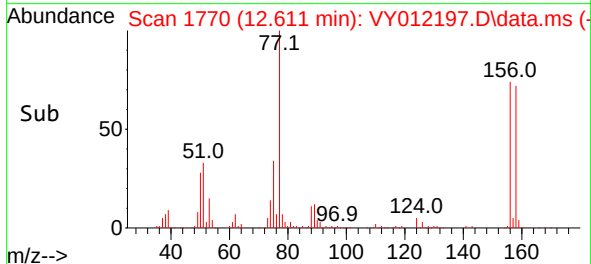
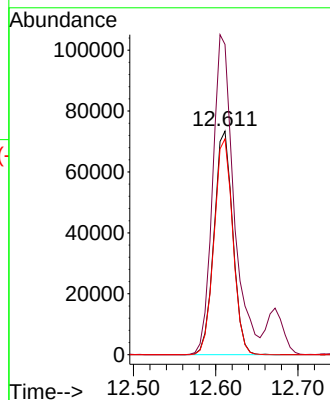
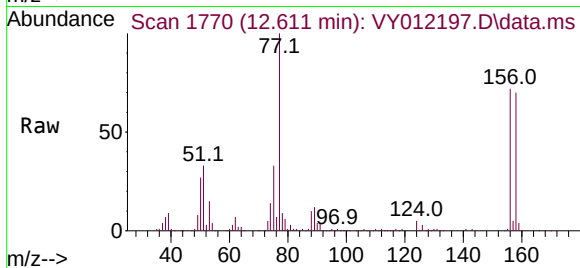
Tgt Ion:156 Resp: 115869

Ion Ratio Lower Upper

156 100

77 162.4 90.0 270.0

158 96.8 48.4 145.2



#78

n-propylbenzene

Concen: 47.704 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY012197.D

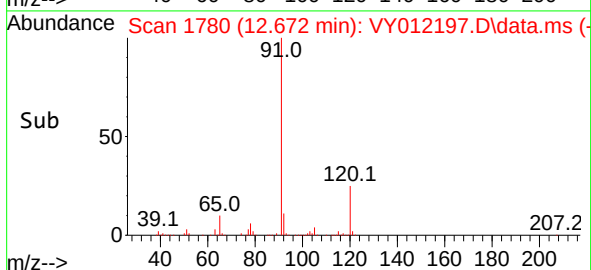
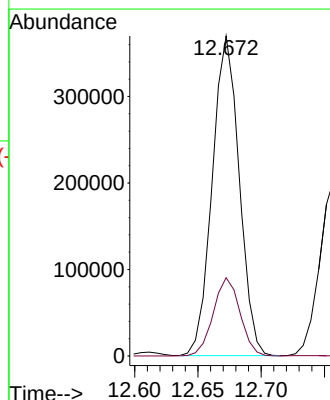
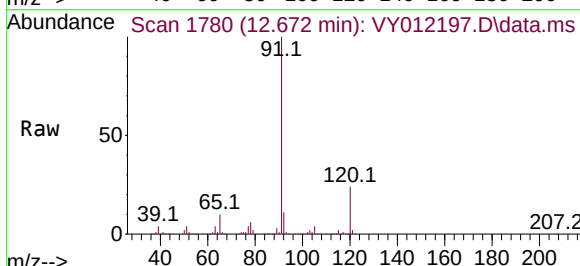
Acq: 16 Jan 2023 13:48

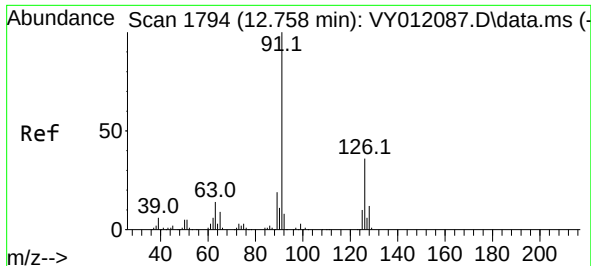
Tgt Ion: 91 Resp: 547297

Ion Ratio Lower Upper

91 100

120 24.2 11.8 35.4





#79

2-Chlorotoluene

Concen: 48.244 ug/l

RT: 12.758 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VY012197.D

Acq: 16 Jan 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

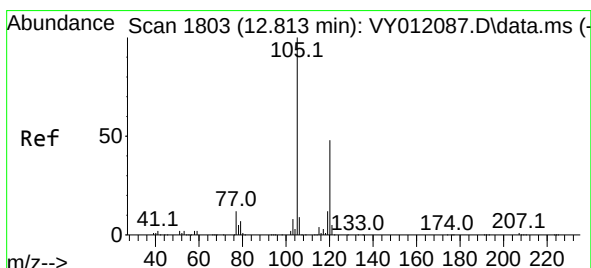
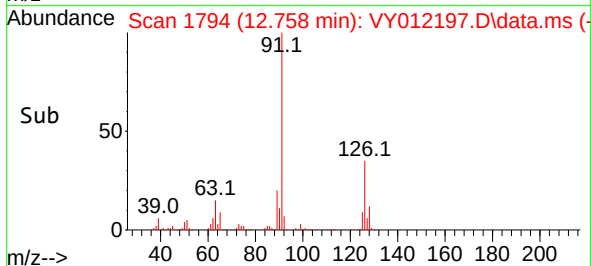
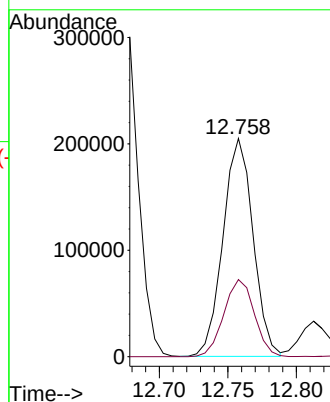
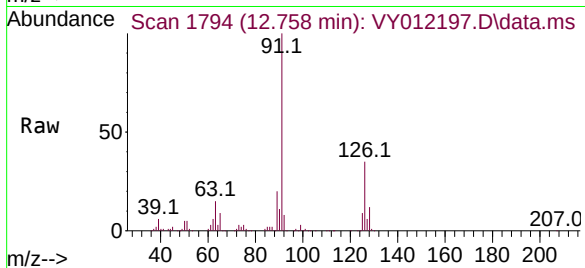
VSTDICCC050

Tgt Ion: 91 Resp: 312943

Ion Ratio Lower Upper

91 100

126 35.8 17.2 51.5



#80

1,3,5-Trimethylbenzene

Concen: 48.119 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY012197.D

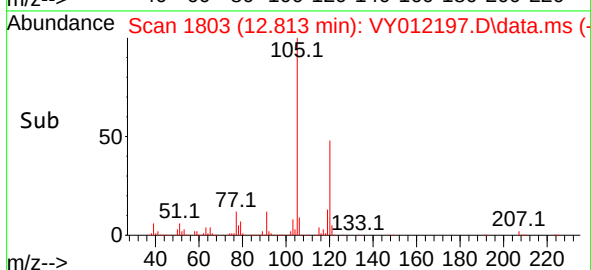
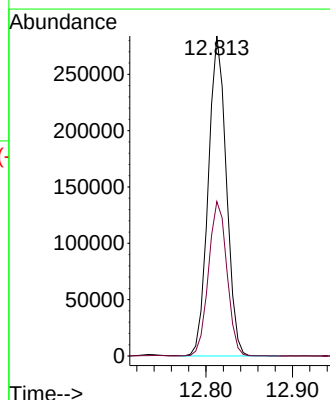
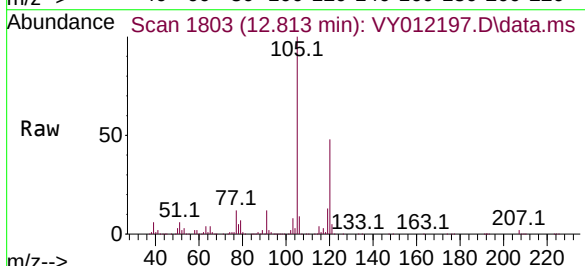
Acq: 16 Jan 2023 13:48

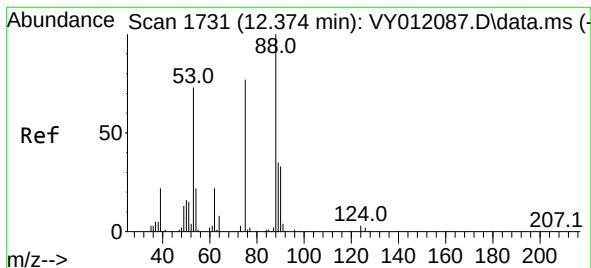
Tgt Ion: 105 Resp: 410117

Ion Ratio Lower Upper

105 100

120 49.3 24.2 72.6

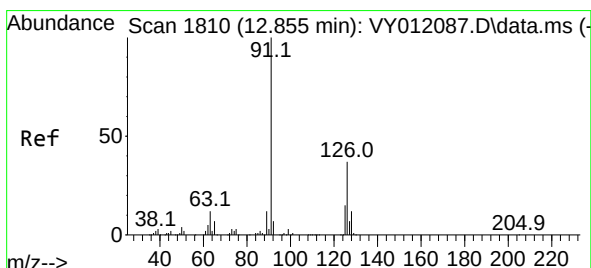
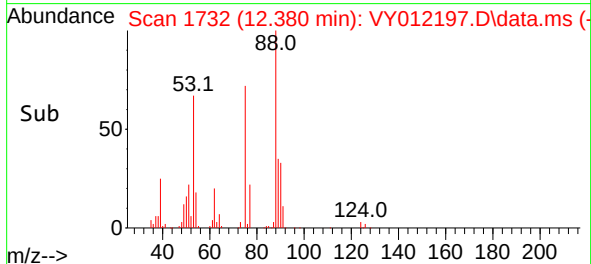
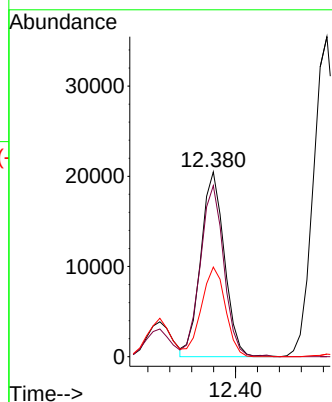
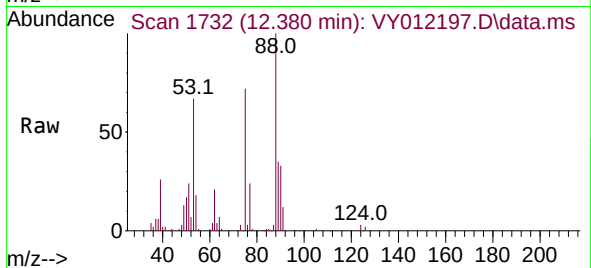




#81
trans-1,4-Dichloro-2-butene
Concen: 50.554 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.006 min
Lab File: VY012197.D
Acq: 16 Jan 2023 13:48

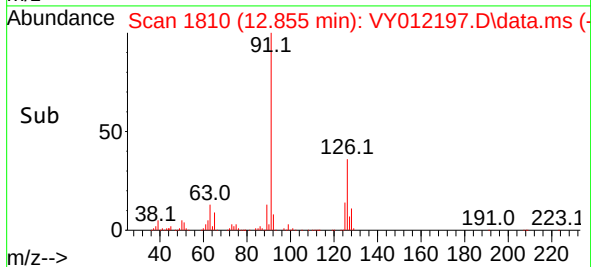
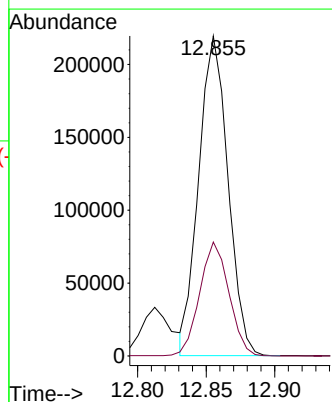
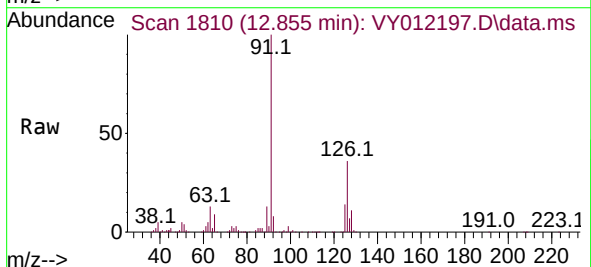
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

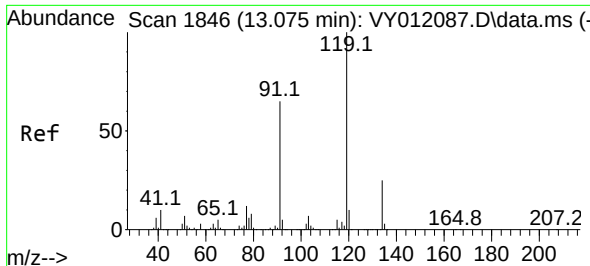
Tgt Ion: 75 Resp: 30675
Ion Ratio Lower Upper
75 100
53 92.3 72.5 108.7
89 49.9 37.0 55.4



#82
4-Chlorotoluene
Concen: 47.817 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012197.D
Acq: 16 Jan 2023 13:48

Tgt Ion: 91 Resp: 325814
Ion Ratio Lower Upper
91 100
126 35.8 17.1 51.2

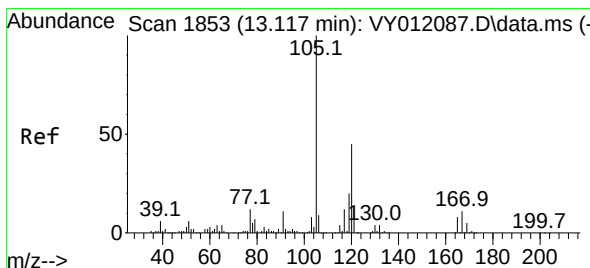
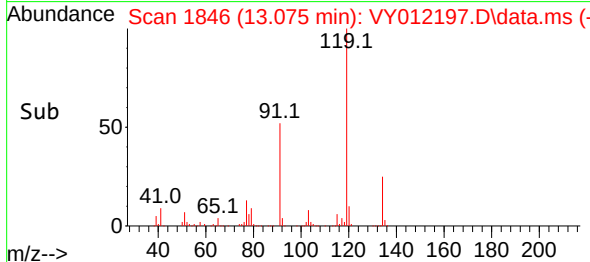
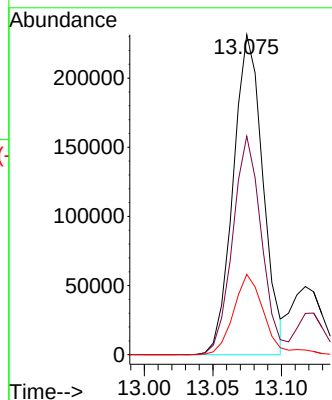
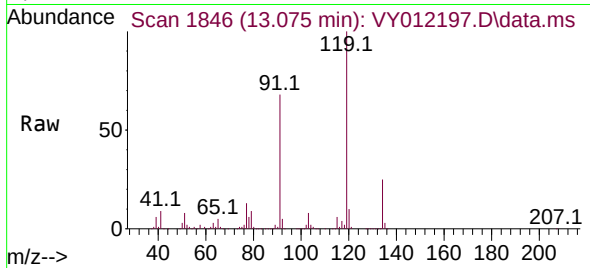




#83
tert-Butylbenzene
Concen: 47.148 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY012197.D
Acq: 16 Jan 2023 13:48

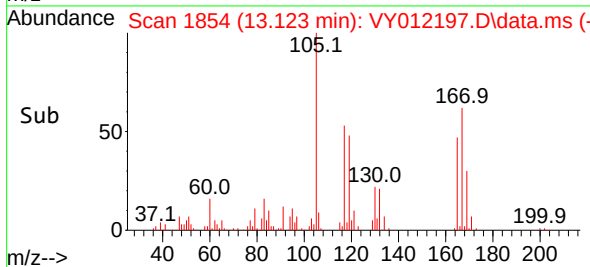
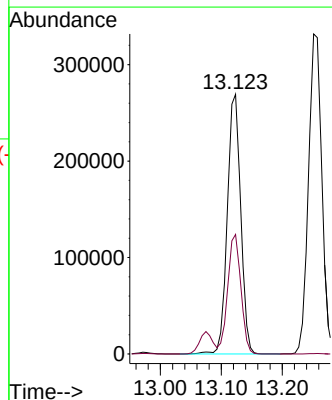
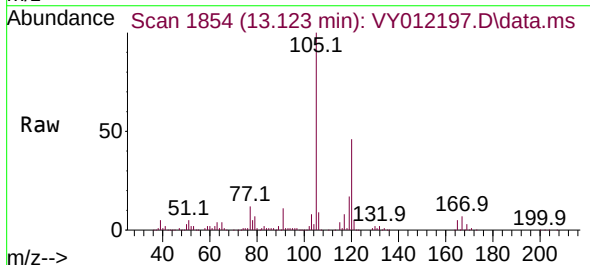
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

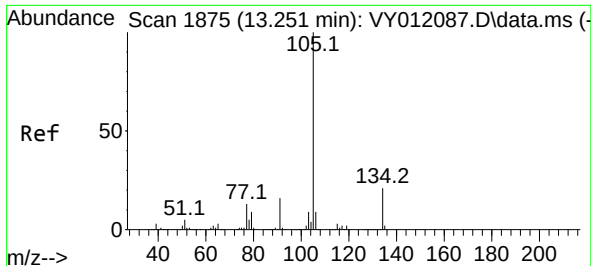
Tgt Ion:119 Resp: 350229
Ion Ratio Lower Upper
119 100
91 66.7 32.3 96.8
134 25.9 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 48.906 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY012197.D
Acq: 16 Jan 2023 13:48

Tgt Ion:105 Resp: 411062
Ion Ratio Lower Upper
105 100
120 45.3 22.9 68.7

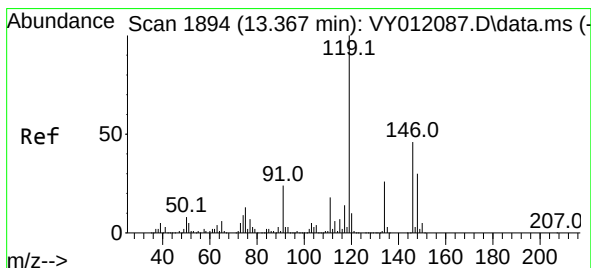
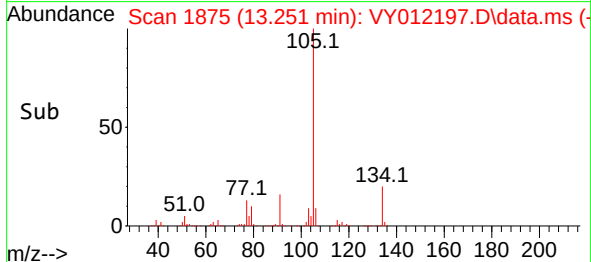
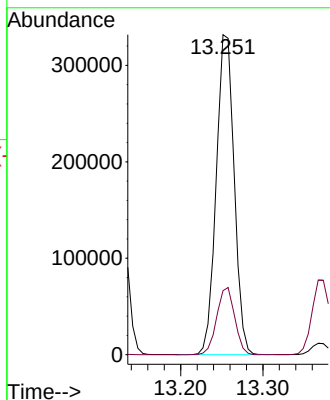
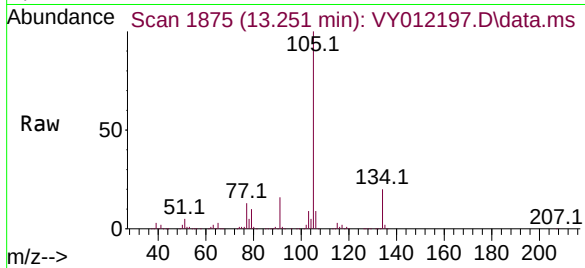




#85
 sec-Butylbenzene
 Concen: 47.618 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY012197.D
 Acq: 16 Jan 2023 13:48

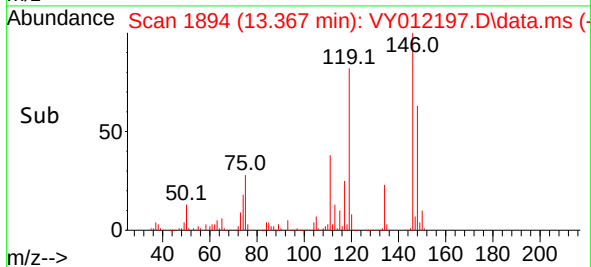
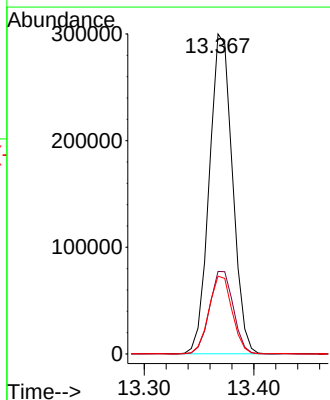
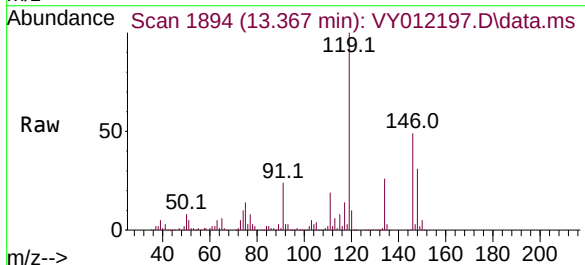
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

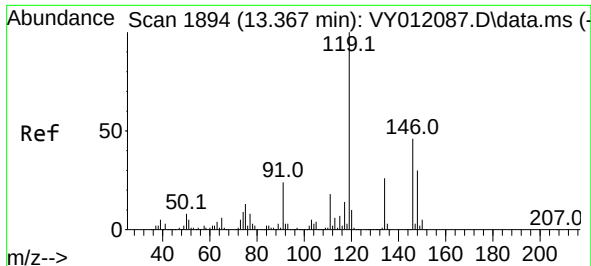
Tgt Ion:105 Resp: 503621
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 47.691 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY012197.D
 Acq: 16 Jan 2023 13:48

Tgt Ion:119 Resp: 440685
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.0 39.0
 91 24.4 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 48.250 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012197.D

Acq: 16 Jan 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

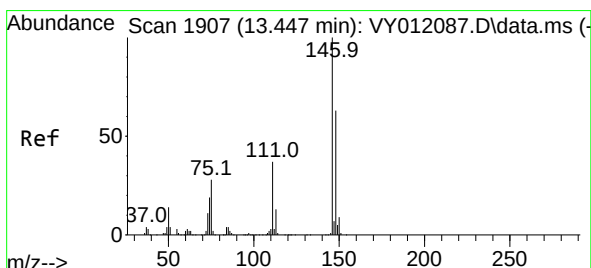
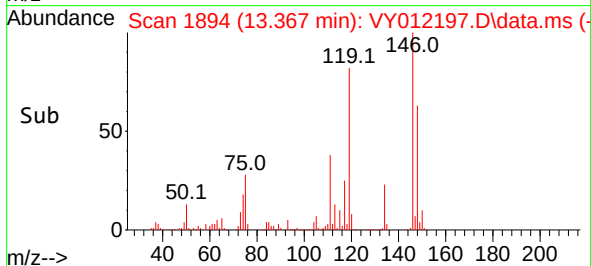
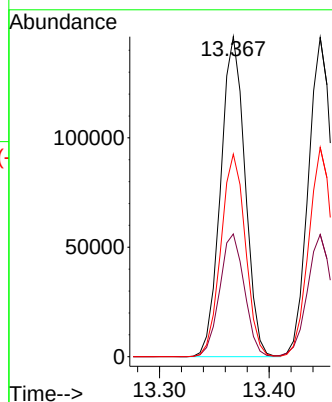
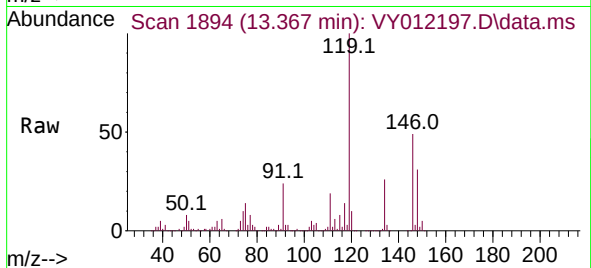
Tgt Ion:146 Resp: 226393

Ion Ratio Lower Upper

146 100

111 38.8 19.7 59.0

148 63.4 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 47.706 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY012197.D

Acq: 16 Jan 2023 13:48

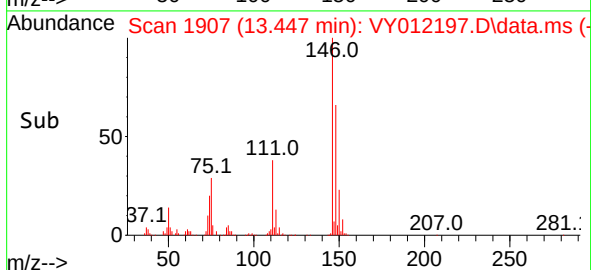
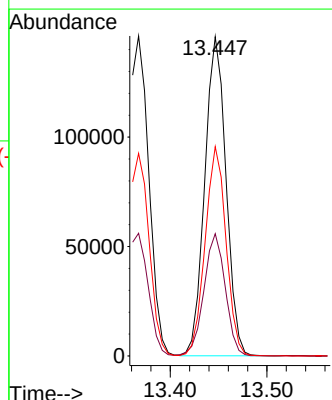
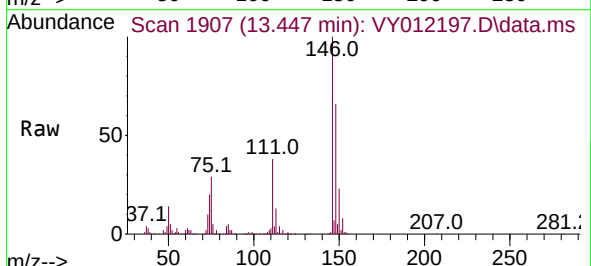
Tgt Ion:146 Resp: 223234

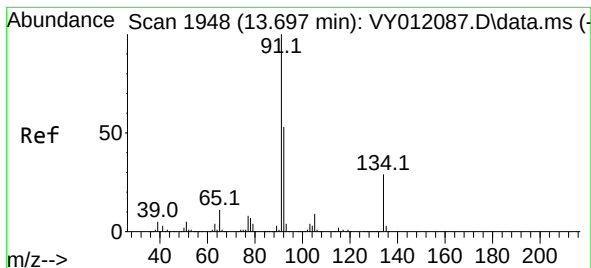
Ion Ratio Lower Upper

146 100

111 38.4 19.6 58.7

148 64.6 31.9 95.7





#89

n-Butylbenzene

Concen: 47.546 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY012197.D

Acq: 16 Jan 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

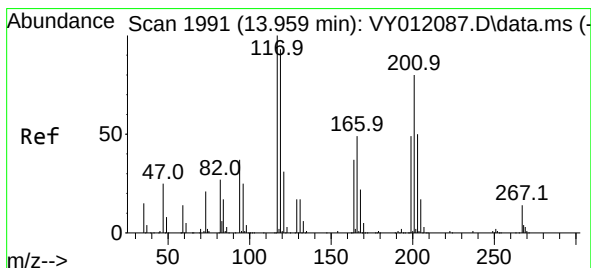
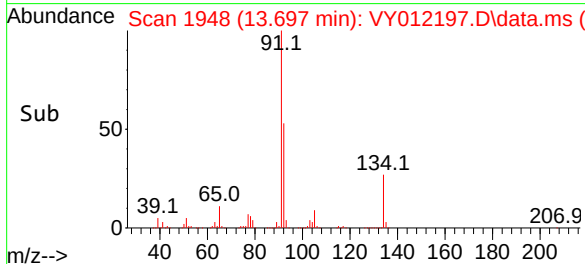
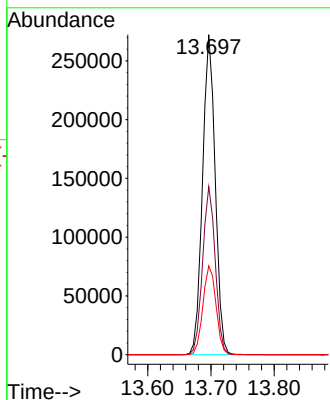
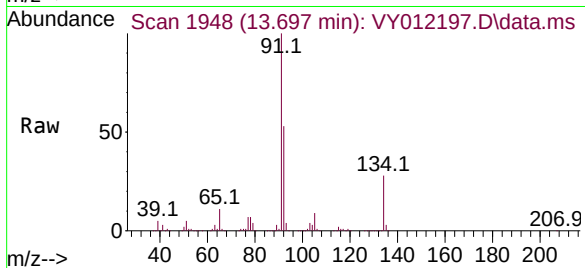
Tgt Ion: 91 Resp: 380743

Ion Ratio Lower Upper

91 100

92 52.6 26.8 80.4

134 28.6 13.3 39.8



#90

Hexachloroethane

Concen: 47.291 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY012197.D

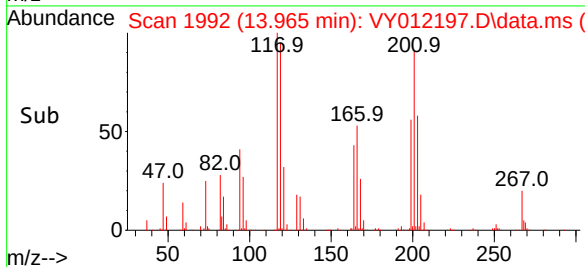
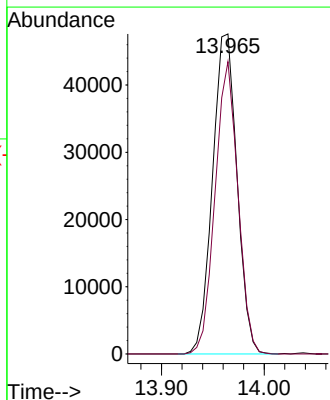
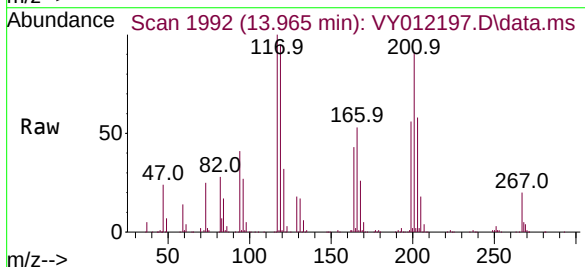
Acq: 16 Jan 2023 13:48

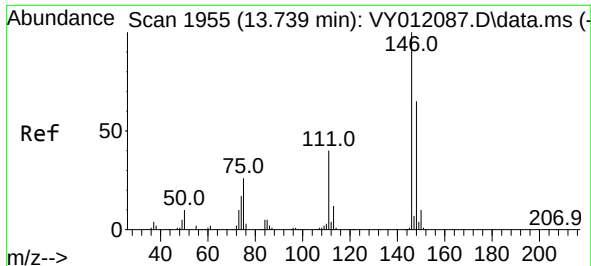
Tgt Ion: 117 Resp: 78888

Ion Ratio Lower Upper

117 100

201 84.9 40.3 120.8





#91

1,2-Dichlorobenzene

Concen: 48.236 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY012197.D

Acq: 16 Jan 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

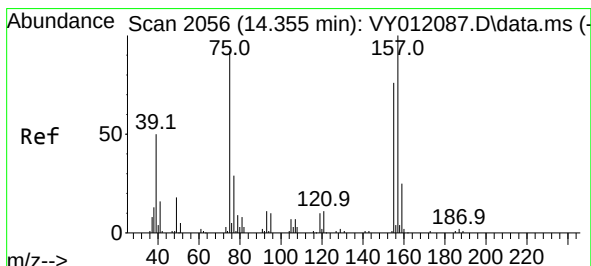
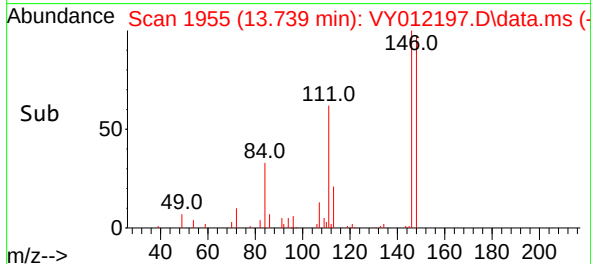
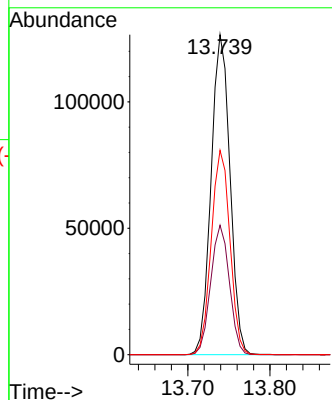
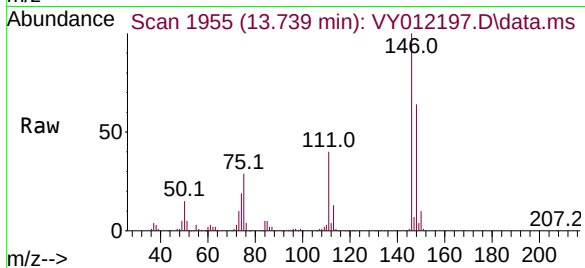
Tgt Ion:146 Resp: 201950

Ion Ratio Lower Upper

146 100

111 40.0 20.3 60.8

148 63.2 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.611 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY012197.D

Acq: 16 Jan 2023 13:48

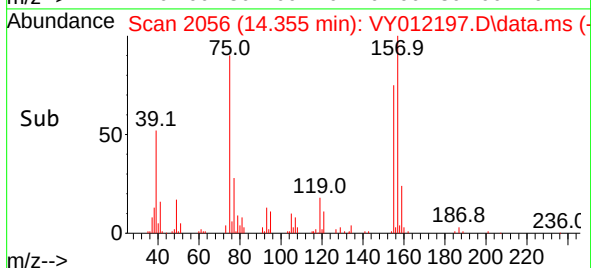
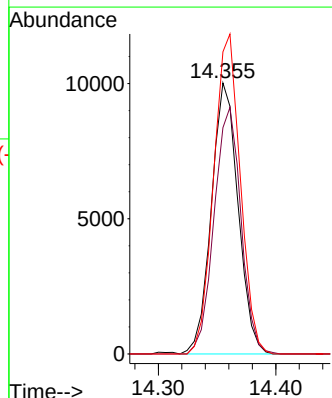
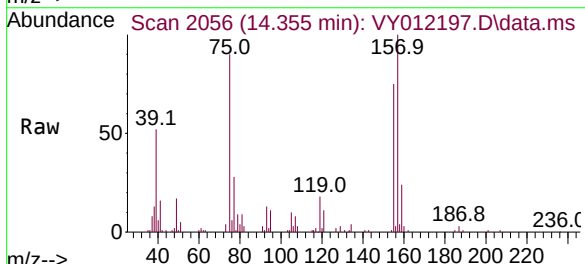
Tgt Ion: 75 Resp: 15833

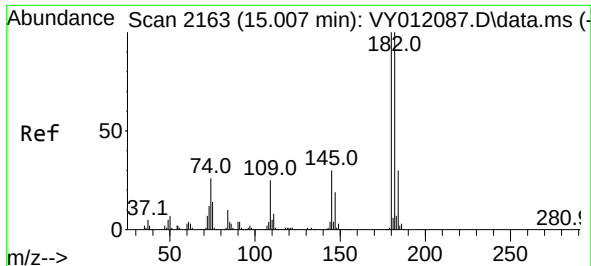
Ion Ratio Lower Upper

75 100

155 91.2 42.3 126.8

157 117.4 54.4 163.3

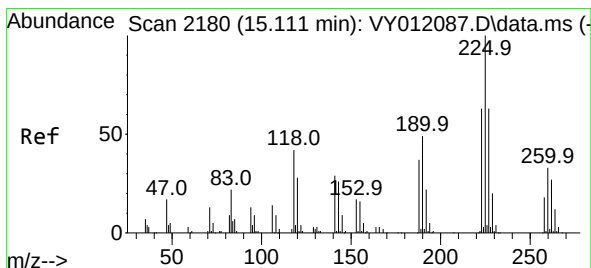
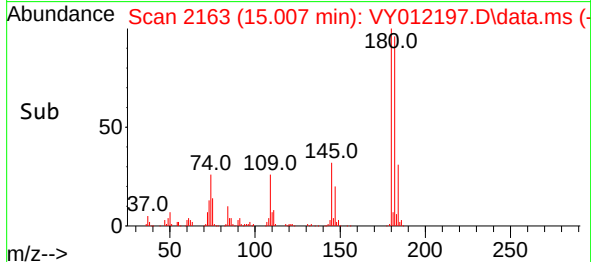
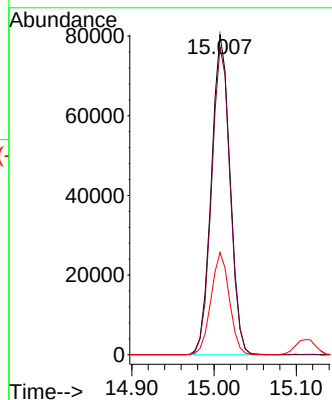
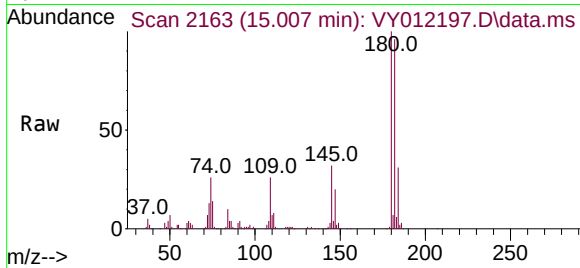




#93
1,2,4-Trichlorobenzene
Concen: 47.261 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY012197.D
Acq: 16 Jan 2023 13:48

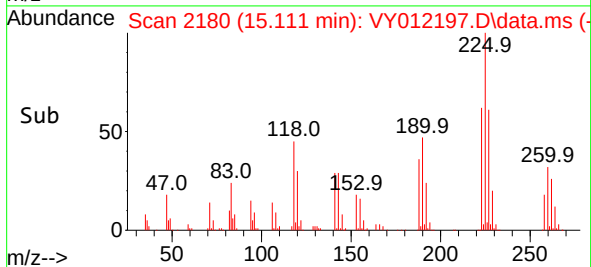
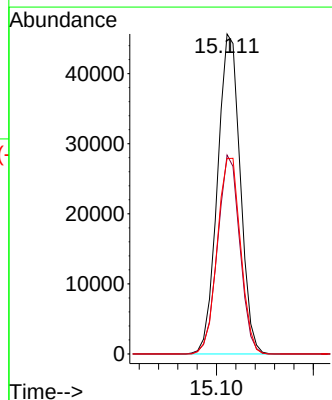
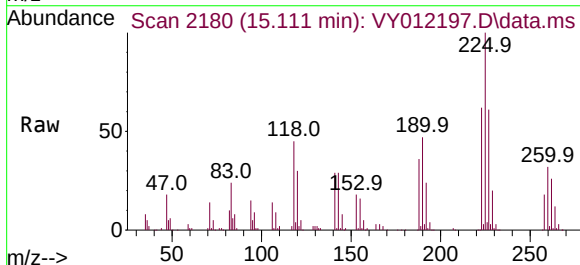
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

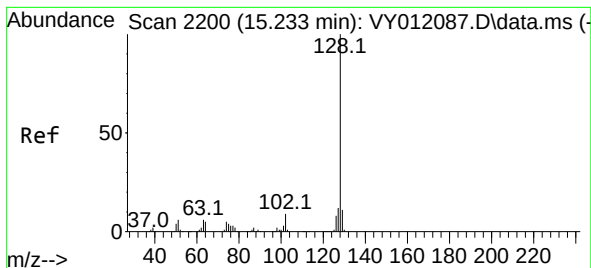
Tgt Ion:180 Resp: 126784
Ion Ratio Lower Upper
180 100
182 95.6 48.1 144.3
145 31.3 15.4 46.4



#94
Hexachlorobutadiene
Concen: 45.959 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY012197.D
Acq: 16 Jan 2023 13:48

Tgt Ion:225 Resp: 74231
Ion Ratio Lower Upper
225 100
223 60.9 31.4 94.2
227 62.8 32.6 97.8





#95

Naphthalene

Concen: 49.623 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY012197.D

Acq: 16 Jan 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

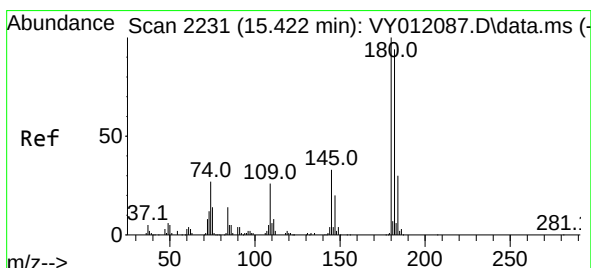
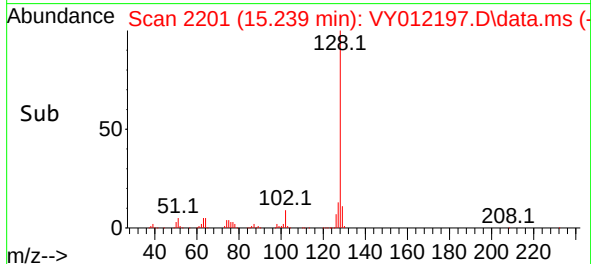
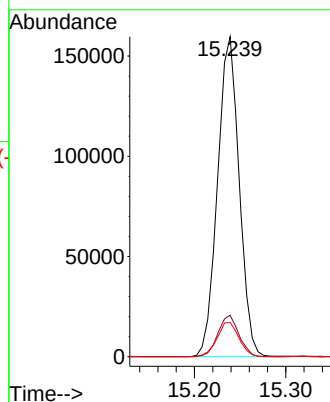
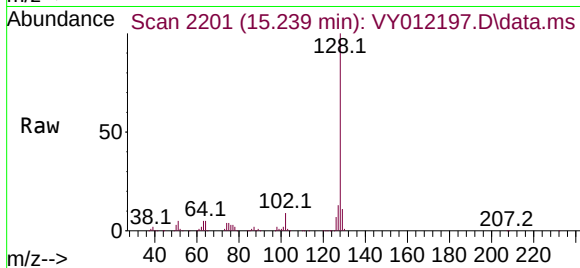
Tgt Ion:128 Resp: 262749

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 10.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 46.989 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY012197.D

Acq: 16 Jan 2023 13:48

Tgt Ion:180 Resp: 108472

Ion Ratio Lower Upper

180 100

182 96.1 47.9 143.7

145 33.5 16.1 48.2

