

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011623\Not Reviewed Data\
 Data File : VY012194.D
 Acq On : 16 Jan 2023 12:17
 Operator : KP/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Quant Time: Jan 17 04:39:18 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	200893	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	304921	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	272553	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	137512	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	10716	2.717	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	5.440%#
35) Dibromofluoromethane	7.716	113	8898	5.511	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	11.020%#
50) Toluene-d8	10.179	98	37867	2.669	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	5.340%#
62) 4-Bromofluorobenzene	12.483	95	12960	5.694	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	11.380%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	9165	5.220	ug/l	93
3) Chloromethane	2.119	50	9071	5.597	ug/l	99
4) Vinyl Chloride	2.253	62	10104	5.341	ug/l #	87
5) Bromomethane	2.656	94	8600	5.880	ug/l	100
6) Chloroethane	2.796	64	6503	5.271	ug/l	98
7) Trichlorofluoromethane	3.131	101	19104	5.174	ug/l	100
8) Diethyl Ether	3.528	74	5502	5.008	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.906	101	9113	5.071	ug/l	91
10) Methyl Iodide	4.095	142	12934	4.736	ug/l	96
11) Tert butyl alcohol	4.942	59	6948	24.032	ug/l #	83
12) 1,1-Dichloroethene	3.881	96	9448	5.121	ug/l	92
13) Acrolein	3.735	56	2970	7.843	ug/l	98
14) Allyl chloride	4.479	41	11396	4.995	ug/l #	87
15) Acrylonitrile	5.161	53	10828	22.564	ug/l	98
16) Acetone	3.942	43	11134	19.904	ug/l	97
17) Carbon Disulfide	4.198	76	29451	5.160	ug/l	99
18) Methyl Acetate	4.473	43	6181	4.938	ug/l #	84
19) Methyl tert-butyl Ether	5.222	73	23274	4.525	ug/l	95
20) Methylene Chloride	4.723	84	23580	2.527	ug/l	87
21) trans-1,2-Dichloroethene	5.222	96	10431	5.066	ug/l	97
22) Diisopropyl ether	6.119	45	22514	4.950	ug/l	96
23) Vinyl Acetate	6.064	43	61979	21.869	ug/l #	92
24) 1,1-Dichloroethane	6.021	63	16146	5.118	ug/l	92
25) 2-Butanone	6.990	43	12535	20.297	ug/l	92
26) 2,2-Dichloropropane	6.978	77	17496	5.109	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	11473	5.073	ug/l	93
28) Bromochloromethane	7.332	49	4295	6.234	ug/l #	70
29) Tetrahydrofuran	7.350	42	6919	20.397	ug/l #	78
30) Chloroform	7.502	83	18879	5.070	ug/l	100
31) Cyclohexane	7.783	56	16974	5.795	ug/l #	73
32) 1,1,1-Trichloroethane	7.698	97	18722	5.078	ug/l	99
36) 1,1-Dichloropropene	7.917	75	14234	5.187	ug/l	99
37) Ethyl Acetate	7.076	43	5288	4.372	ug/l #	94
38) Carbon Tetrachloride	7.899	117	18285	5.160	ug/l	95
39) Methylcyclohexane	9.185	83	16733	4.990	ug/l	94
40) Benzene	8.161	78	41296	5.214	ug/l	100

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 ClientSampleId :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	2807	3.948	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	12309	4.882	ug/l	99
43) Isopropyl Acetate	8.271	43	9694	4.307	ug/l #	93
44) Trichloroethene	8.941	130	12327	5.207	ug/l	93
45) 1,2-Dichloropropane	9.216	63	8132	4.921	ug/l	98
46) Dibromomethane	9.307	93	5345	4.831	ug/l	95
47) Bromodichloromethane	9.496	83	13332	4.787	ug/l	99
48) Methyl methacrylate	9.295	41	4284	4.131	ug/l	86
49) 1,4-Dioxane	9.295	88	1306	86.634	ug/l	88
51) 4-Methyl-2-Pentanone	10.069	43	25129	20.940	ug/l	97
52) Toluene	10.246	92	26692	5.062	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	13856	4.757	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	15002	4.782	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	7693	4.894	ug/l	91
56) Ethyl methacrylate	10.508	69	8879	4.306	ug/l	94
57) 1,3-Dichloropropane	10.795	76	12399	4.830	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	16764	24.569	ug/l	91
59) 2-Hexanone	10.831	43	17541	19.199	ug/l	91
60) Dibromochloromethane	10.984	129	9802	4.702	ug/l	100
61) 1,2-Dibromoethane	11.087	107	7090	4.675	ug/l	97
64) Tetrachloroethene	10.721	164	12555	5.048	ug/l	96
65) Chlorobenzene	11.520	112	29902	5.362	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	10495	4.986	ug/l	95
67) Ethyl Benzene	11.593	91	51147	5.132	ug/l	97
68) m/p-Xylenes	11.703	106	39906	10.127	ug/l	99
69) o-Xylene	12.032	106	19253	5.115	ug/l	94
70) Styrene	12.050	104	31073	4.941	ug/l	99
71) Bromoform	12.209	173	6191	4.604	ug/l #	99
73) Isopropylbenzene	12.331	105	50493	5.092	ug/l	100
74) N-amyl acetate	12.148	43	8569	4.408	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	7474	4.785	ug/l	97
76) 1,2,3-Trichloropropane	12.636	75	11378	8.998	ug/l #	100
77) Bromobenzene	12.611	156	12586	5.275	ug/l	88
78) n-propylbenzene	12.672	91	60181	5.187	ug/l	98
79) 2-Chlorotoluene	12.758	91	33883	5.165	ug/l	96
80) 1,3,5-Trimethylbenzene	12.819	105	44469	5.159	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	2730	4.448	ug/l	90
82) 4-Chlorotoluene	12.861	91	36685	5.323	ug/l	97
83) tert-Butylbenzene	13.075	119	38430	5.115	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	42436	4.992	ug/l	99
85) sec-Butylbenzene	13.258	105	56632	5.294	ug/l	97
86) p-Isopropyltoluene	13.373	119	48543	5.194	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	25260	5.323	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	25962	5.486	ug/l	94
89) n-Butylbenzene	13.703	91	42501	5.248	ug/l	97
90) Hexachloroethane	13.965	117	9164	5.432	ug/l	96
91) 1,2-Dichlorobenzene	13.745	146	22831	5.392	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.361	75	1417	4.390	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	14422	5.316	ug/l	98
94) Hexachlorobutadiene	15.117	225	9112	5.578	ug/l	99
95) Naphthalene	15.245	128	25109	4.689	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	11970	5.127	ug/l	98

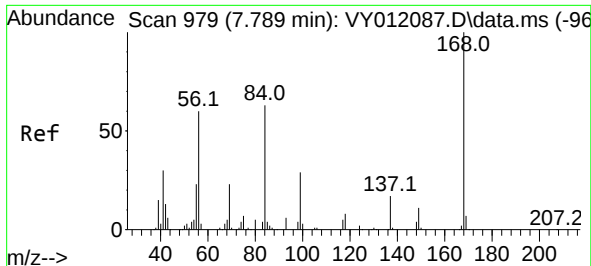
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Data File : VY012194.D
Acq On : 16 Jan 2023 12:17
Operator : KP/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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Quant Title : SW846 8260
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Response via : Initial Calibration

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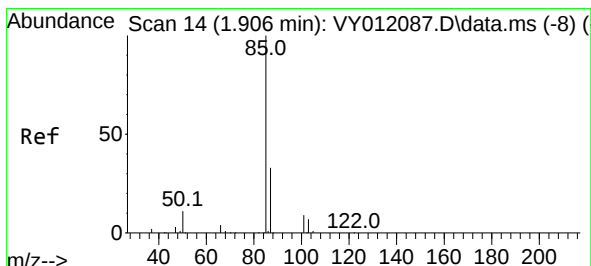
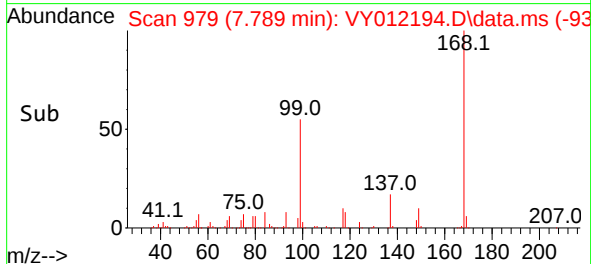
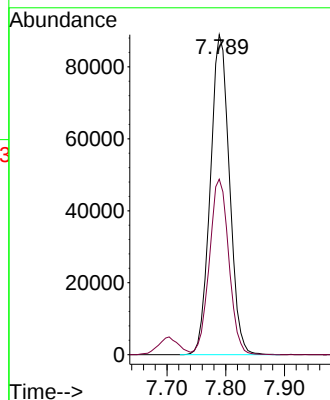
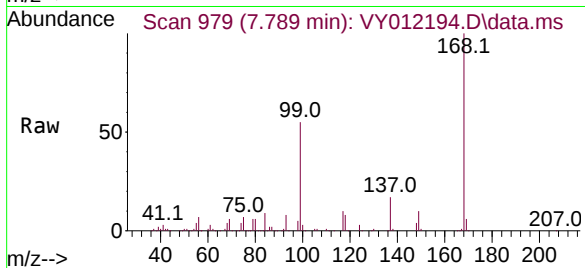
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012194.D
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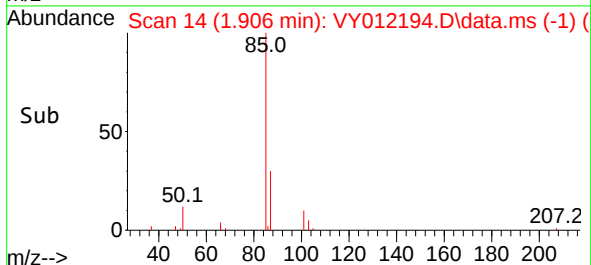
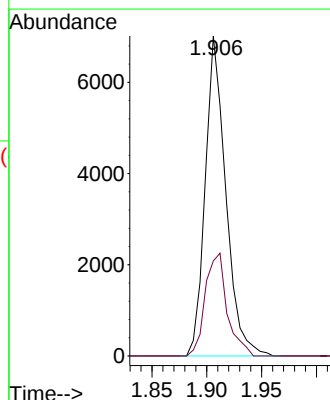
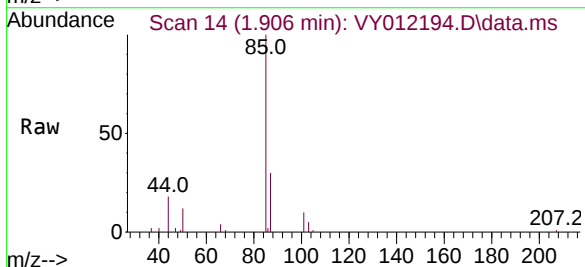
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ClientSampleId :
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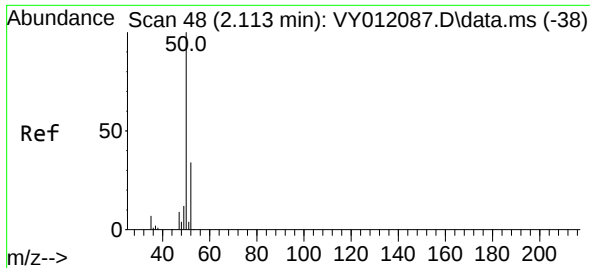
Tgt Ion:168 Resp: 200893
Ion Ratio Lower Upper
168 100
99 54.9 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 5.220 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012194.D
Acq: 16 Jan 2023 12:17

Tgt Ion: 85 Resp: 9165
Ion Ratio Lower Upper
85 100
87 29.7 16.8 50.4

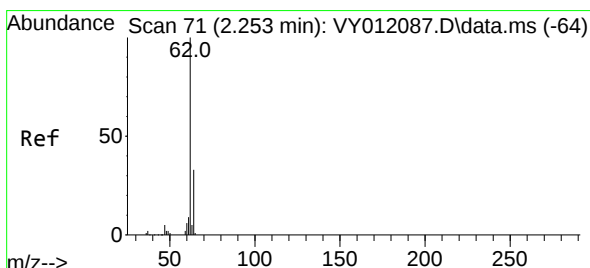
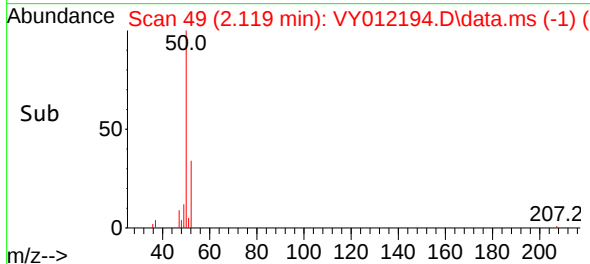
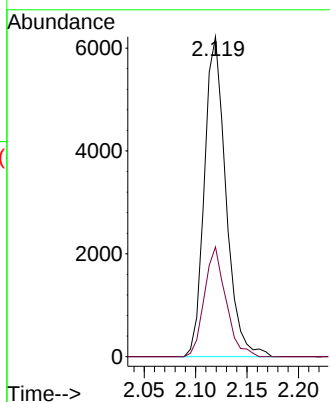
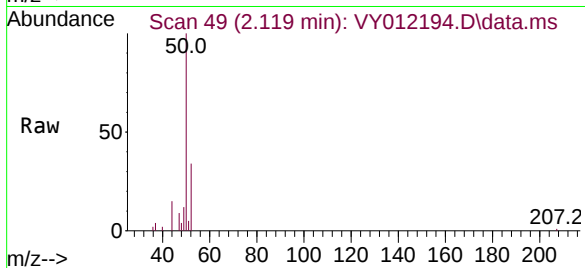




#3
Chloromethane
Concen: 5.597 ug/l
RT: 2.119 min Scan# 48
Delta R.T. 0.006 min
Lab File: VY012194.D
Acq: 16 Jan 2023 12:17

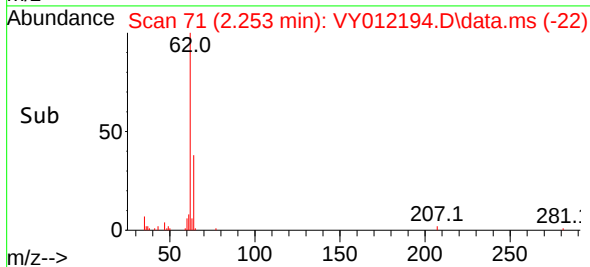
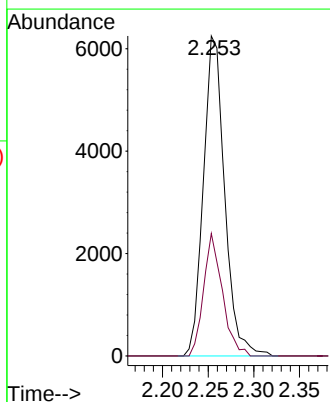
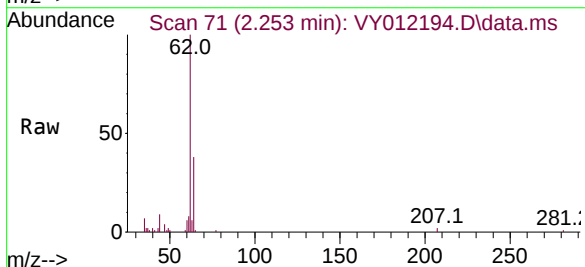
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

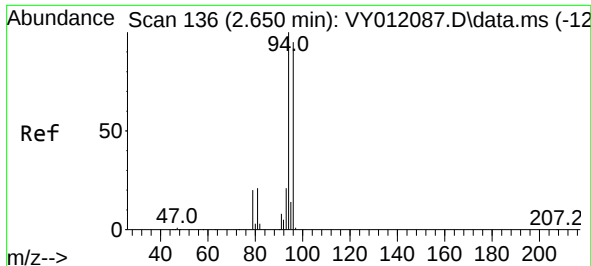
Tgt Ion: 50 Resp: 9071
Ion Ratio Lower Upper
50 100
52 34.3 26.8 40.2



#4
Vinyl Chloride
Concen: 5.341 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY012194.D
Acq: 16 Jan 2023 12:17

Tgt Ion: 62 Resp: 10104
Ion Ratio Lower Upper
62 100
64 38.2 25.0 37.6#

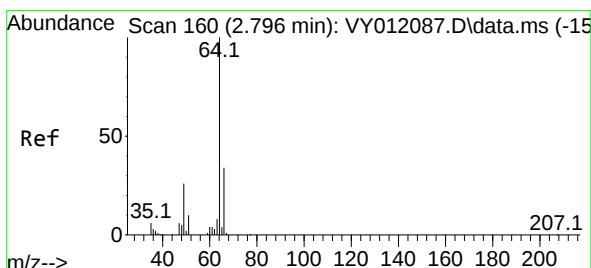
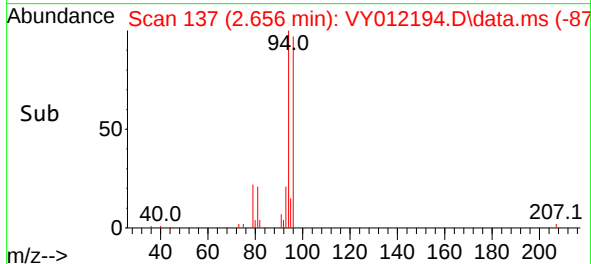
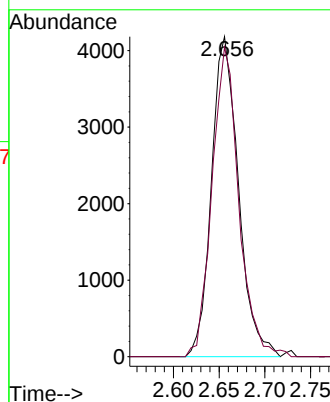
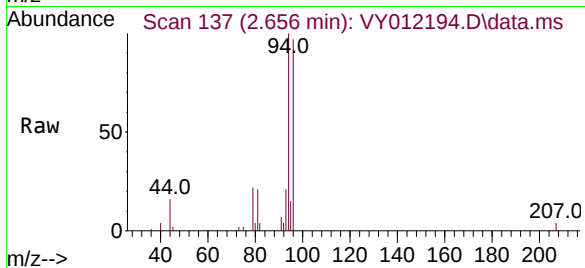




#5
Bromomethane
Concen: 5.880 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012194.D
Acq: 16 Jan 2023 12:17

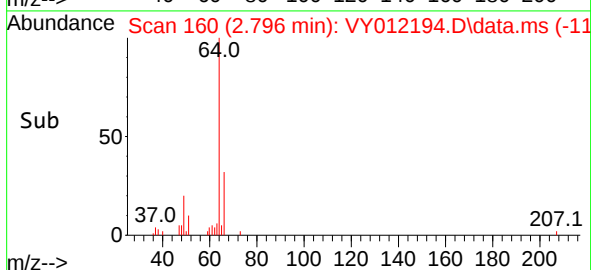
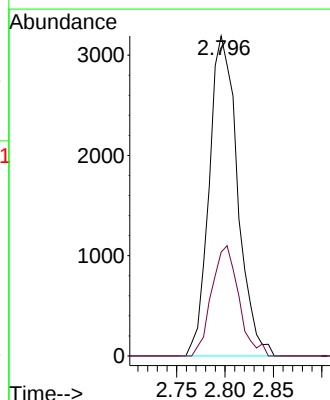
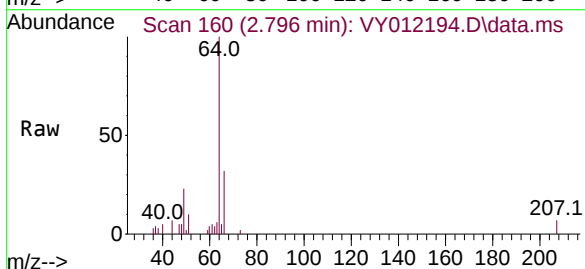
Instrument :
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ClientSampleId :
VSTDIC005

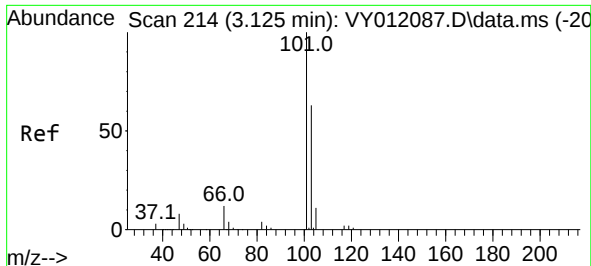
Tgt Ion: 94 Resp: 8600
Ion Ratio Lower Upper
94 100
96 96.7 77.4 116.2



#6
Chloroethane
Concen: 5.271 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: VY012194.D
Acq: 16 Jan 2023 12:17

Tgt Ion: 64 Resp: 6503
Ion Ratio Lower Upper
64 100
66 32.4 25.0 37.4

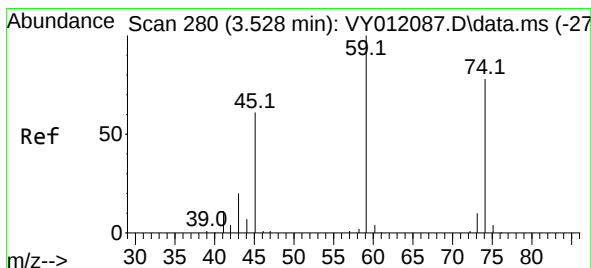
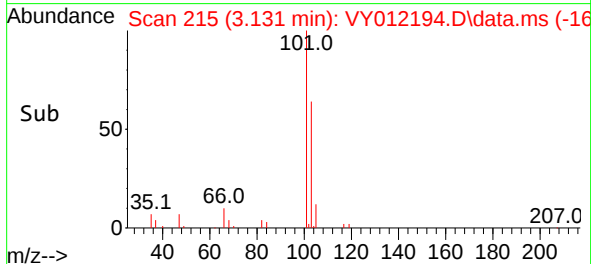
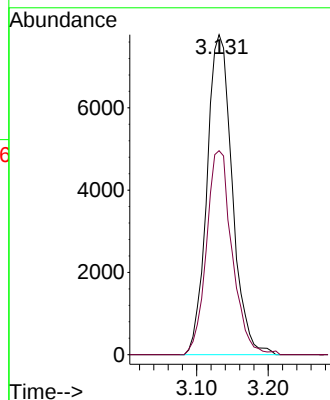
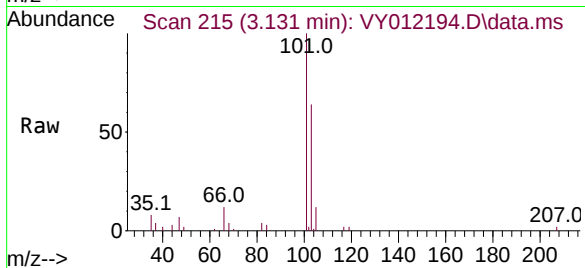




#7
Trichlorofluoromethane
Concen: 5.174 ug/l
RT: 3.131 min Scan# 214
Delta R.T. 0.006 min
Lab File: VY012194.D
Acq: 16 Jan 2023 12:17

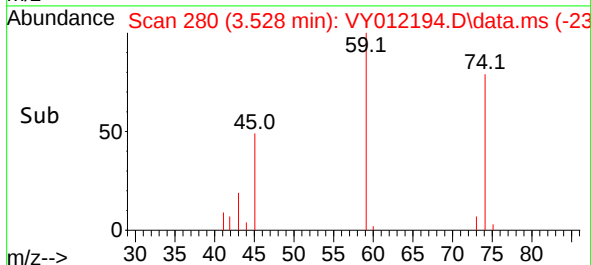
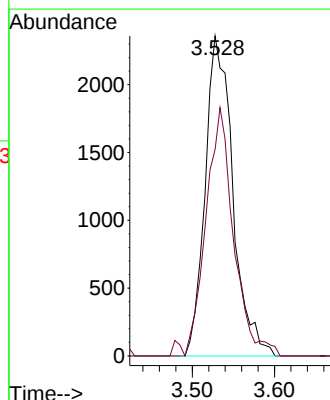
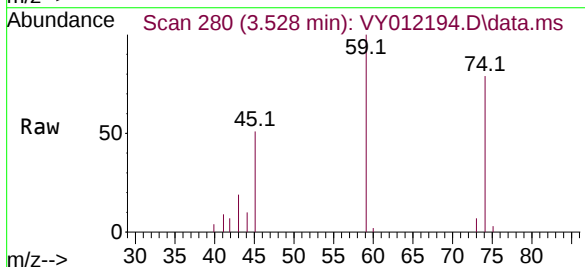
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

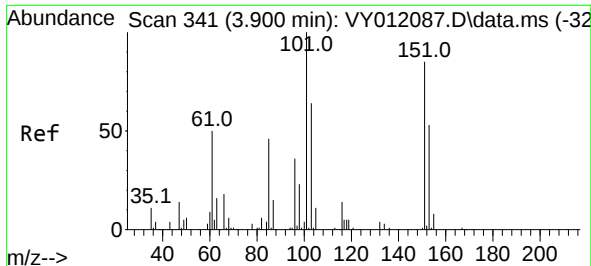
Tgt Ion:101 Resp: 19104
Ion Ratio Lower Upper
101 100
103 63.8 51.0 76.6



#8
Diethyl Ether
Concen: 5.008 ug/l
RT: 3.528 min Scan# 280
Delta R.T. -0.000 min
Lab File: VY012194.D
Acq: 16 Jan 2023 12:17

Tgt Ion: 74 Resp: 5502
Ion Ratio Lower Upper
74 100
45 79.0 46.8 140.3

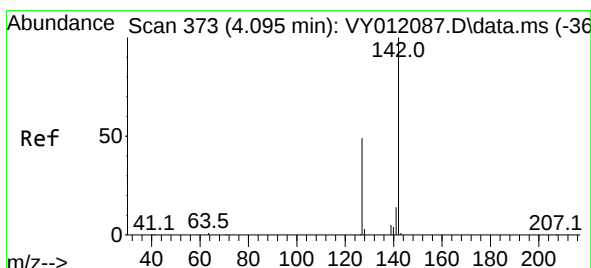
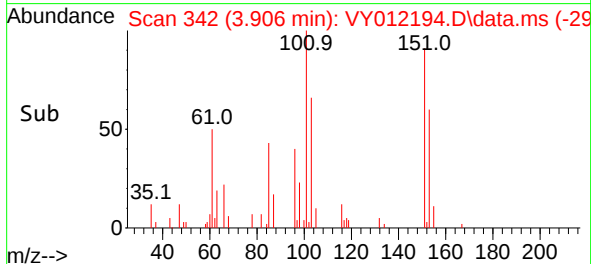
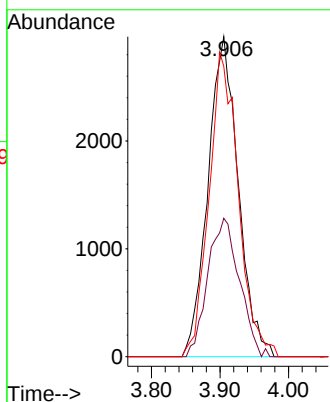
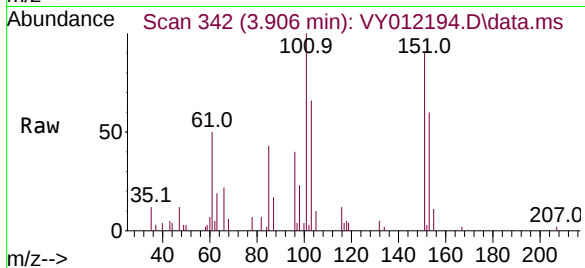




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.071 ug/l
RT: 3.906 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY012194.D
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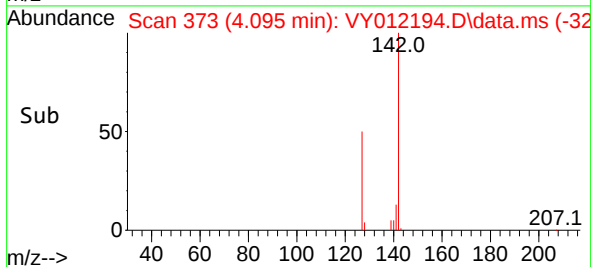
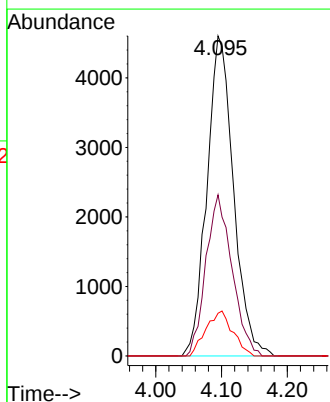
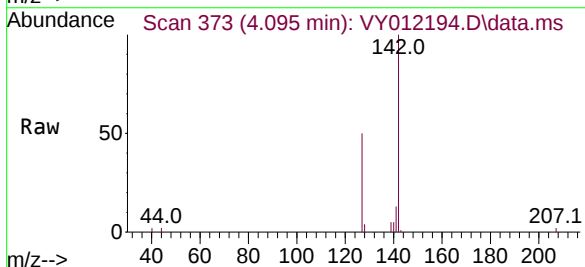
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

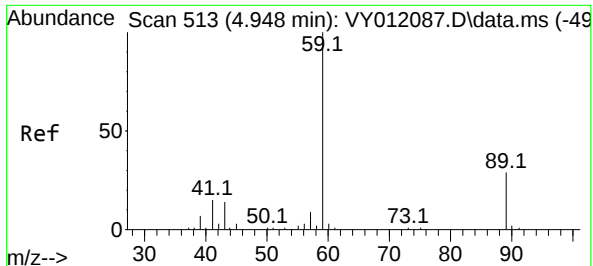
Tgt Ion:101	Resp:	9113
Ion	Ratio	Lower Upper
101	100	
85	45.0	36.2 54.2
151	92.1	64.2 96.2



#10
Methyl Iodide
Concen: 4.736 ug/l
RT: 4.095 min Scan# 373
Delta R.T. -0.000 min
Lab File: VY012194.D
Acq: 16 Jan 2023 12:17

Tgt Ion:142	Resp:	12934
Ion	Ratio	Lower Upper
142	100	
127	49.5	37.0 55.4
141	14.2	11.4 17.0





#11

Tert butyl alcohol

Concen: 24.032 ug/l

RT: 4.942 min Scan# 513

Delta R.T. -0.006 min

Lab File: VY012194.D

Acq: 16 Jan 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

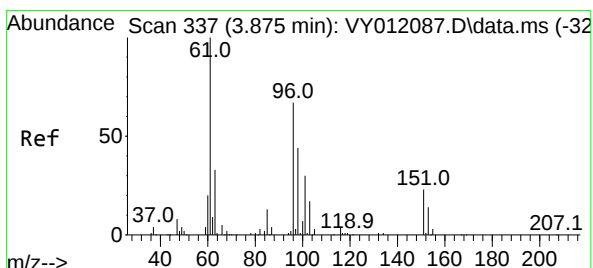
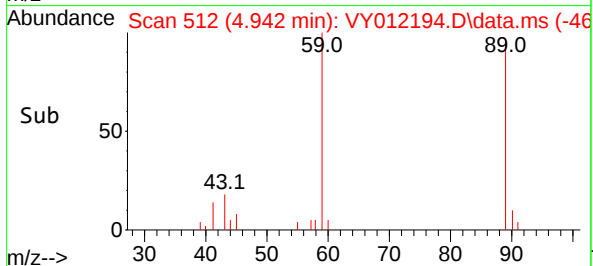
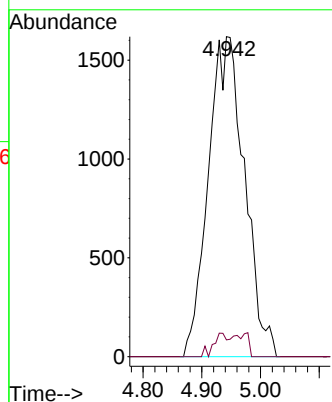
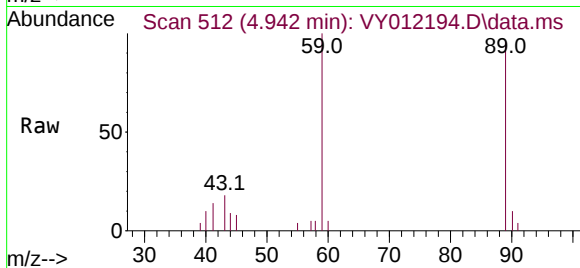
VSTDIC005

Tgt Ion: 59 Resp: 6948

Ion Ratio Lower Upper

59 100

57 3.1 7.4 11.2#



#12

1,1-Dichloroethene

Concen: 5.121 ug/l

RT: 3.881 min Scan# 338

Delta R.T. 0.006 min

Lab File: VY012194.D

Acq: 16 Jan 2023 12:17

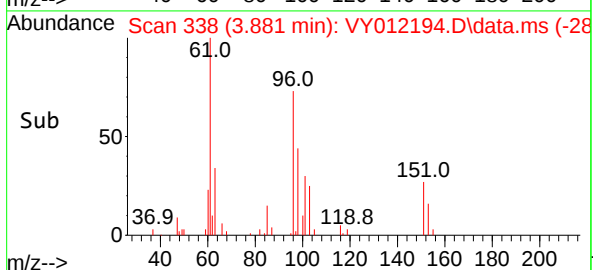
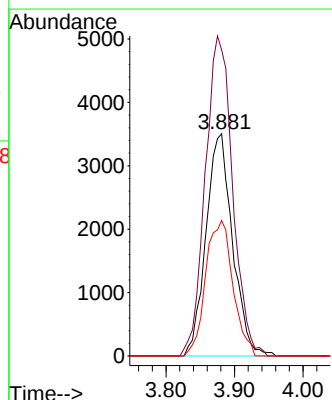
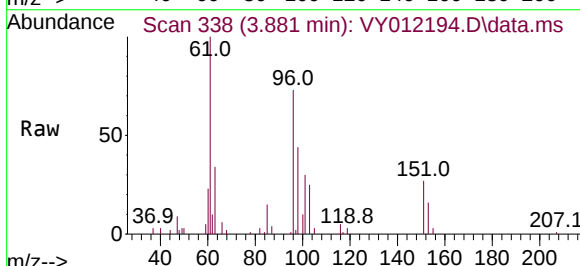
Tgt Ion: 96 Resp: 9448

Ion Ratio Lower Upper

96 100

61 137.7 122.0 183.0

98 60.9 48.6 73.0

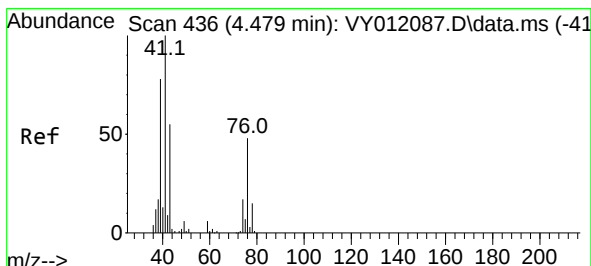
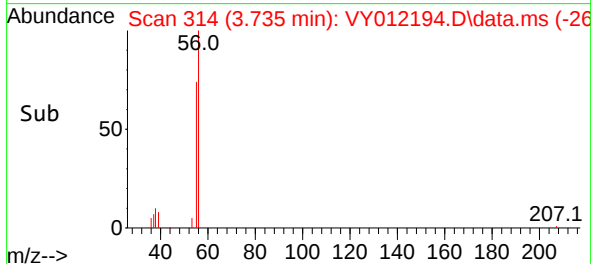
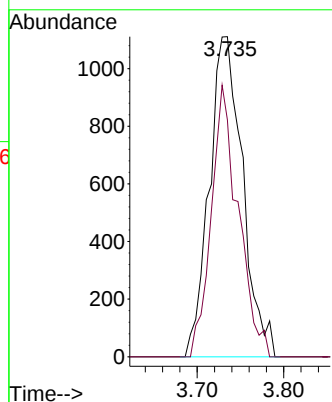
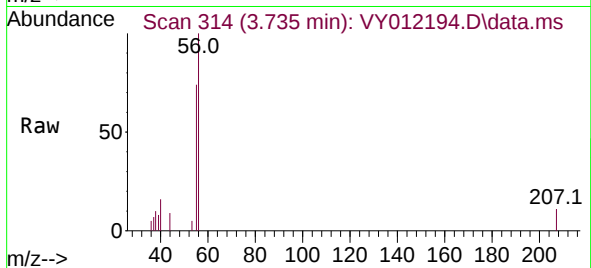




#13
Acrolein
Concen: 7.843 ug/l
RT: 3.735 min Scan# 313
Delta R.T. 0.006 min
Lab File: VY012194.D
Acq: 16 Jan 2023 12:17

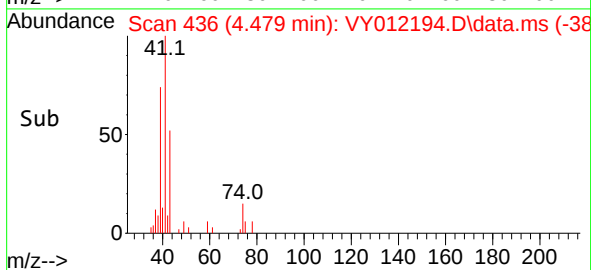
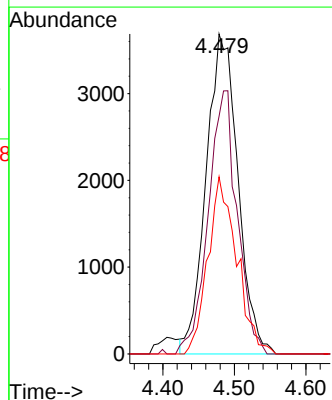
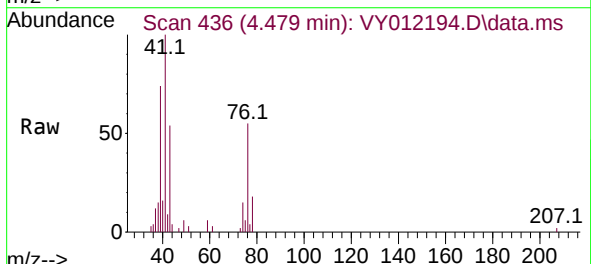
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

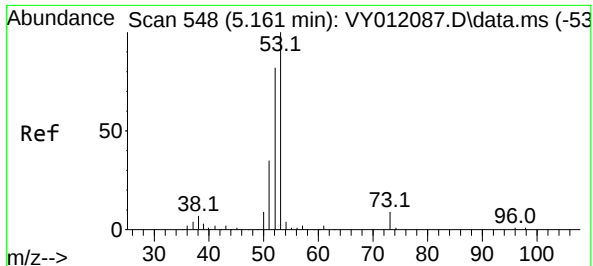
Tgt Ion: 56 Resp: 2970
Ion Ratio Lower Upper
56 100
55 68.8 56.6 85.0



#14
Allyl chloride
Concen: 4.995 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY012194.D
Acq: 16 Jan 2023 12:17

Tgt Ion: 41 Resp: 11396
Ion Ratio Lower Upper
41 100
39 75.2 53.5 80.3
76 50.2 31.1 46.7#

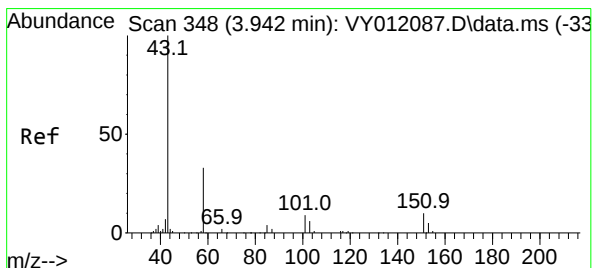
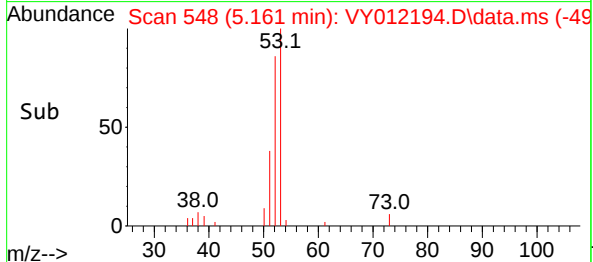
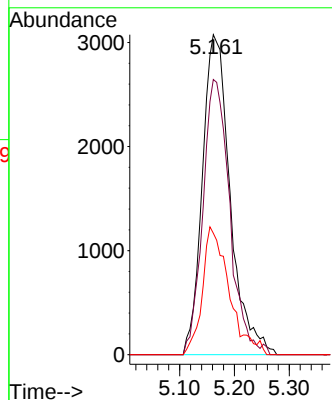
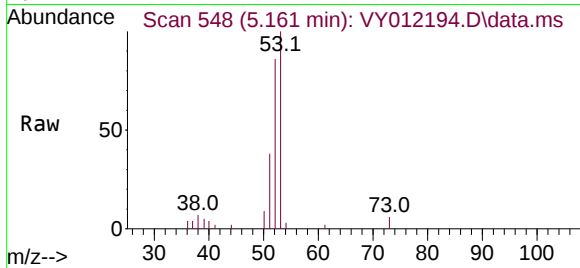




#15
Acrylonitrile
Concen: 22.564 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY012194.D
Acq: 16 Jan 2023 12:17

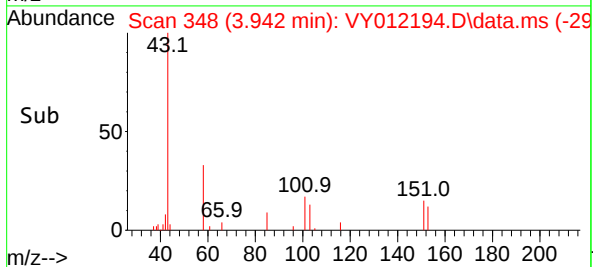
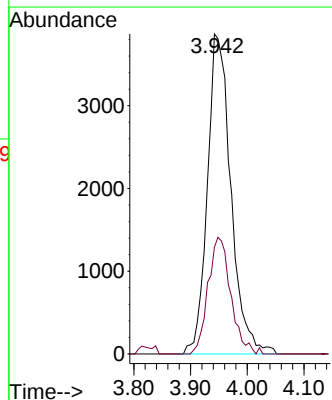
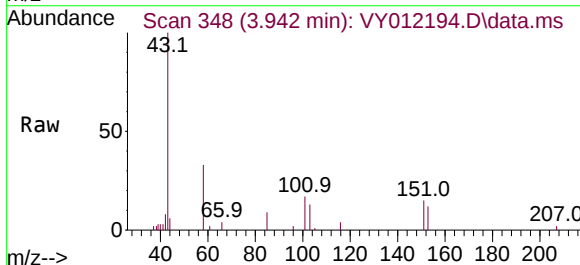
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

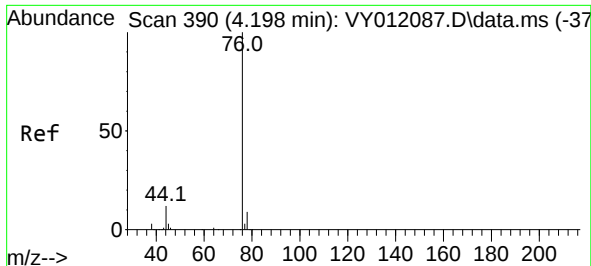
Tgt Ion: 53	Resp:	10828
Ion	Ratio	Lower Upper
53	100	
52	83.0	65.1 97.7
51	38.3	28.7 43.1



#16
Acetone
Concen: 19.904 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY012194.D
Acq: 16 Jan 2023 12:17

Tgt Ion: 43	Resp:	11134
Ion	Ratio	Lower Upper
43	100	
58	33.4	27.9 41.9

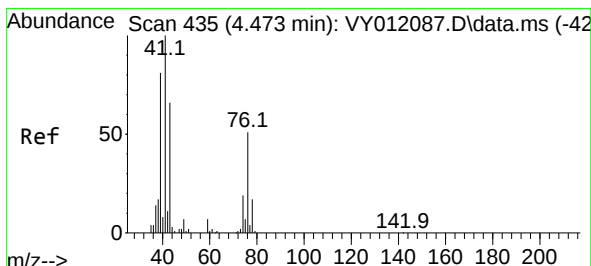
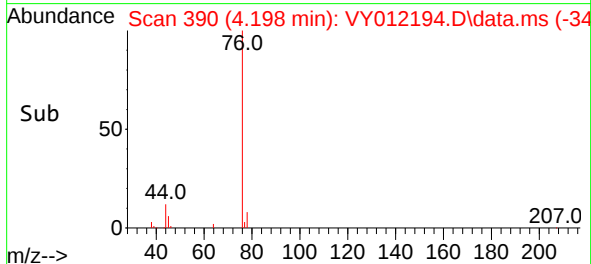
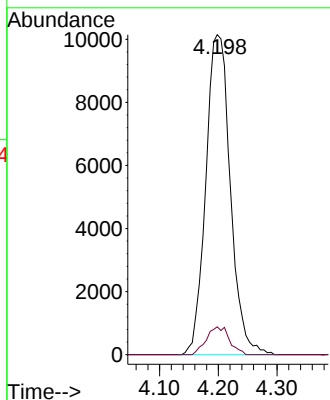
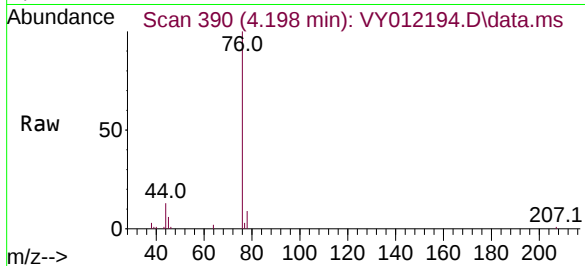




#17
Carbon Disulfide
Concen: 5.160 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY012194.D
Acq: 16 Jan 2023 12:17

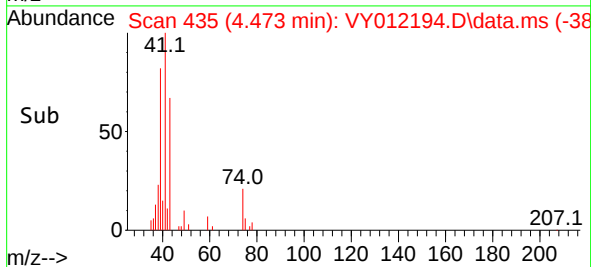
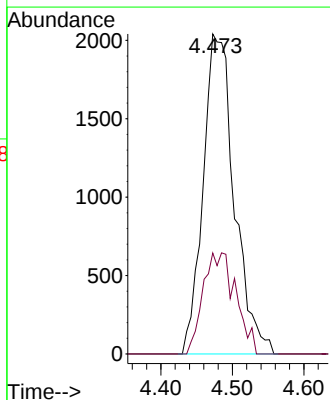
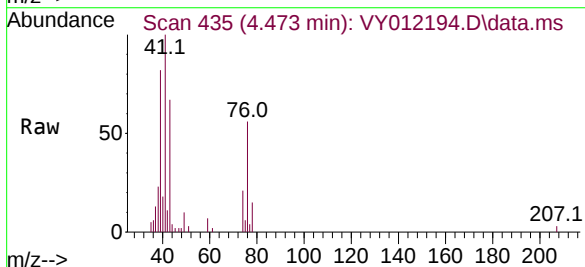
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

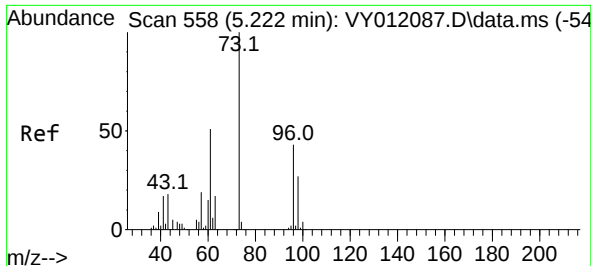
Tgt Ion: 76 Resp: 29451
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8



#18
Methyl Acetate
Concen: 4.938 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY012194.D
Acq: 16 Jan 2023 12:17

Tgt Ion: 43 Resp: 6181
Ion Ratio Lower Upper
43 100
74 33.2 20.1 30.1#





#19

Methyl tert-butyl Ether

Concen: 4.525 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY012194.D

Acq: 16 Jan 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

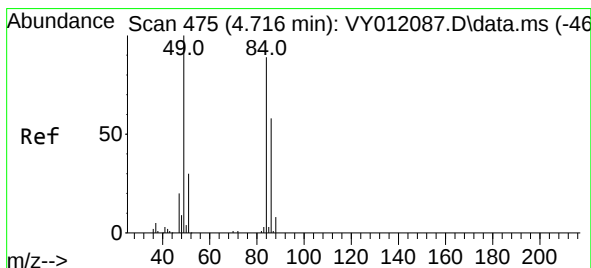
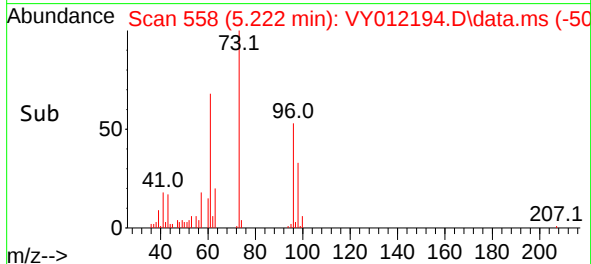
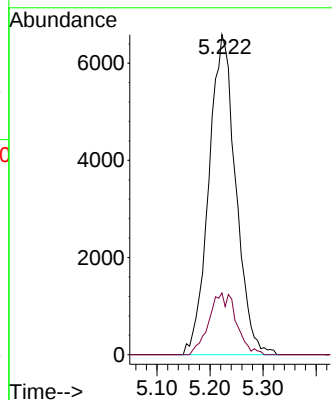
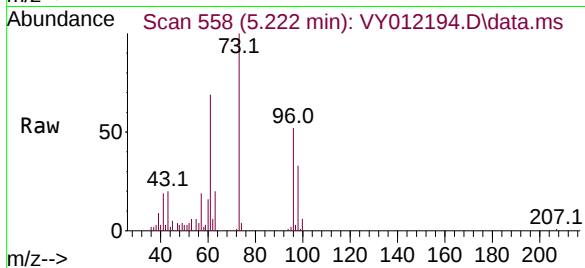
VSTDIC005

Tgt Ion: 73 Resp: 23274

Ion Ratio Lower Upper

73 100

57 19.3 17.4 26.0



#20

Methylene Chloride

Concen: 2.527 ug/l

RT: 4.723 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY012194.D

Acq: 16 Jan 2023 12:17

Tgt Ion: 84 Resp: 23580

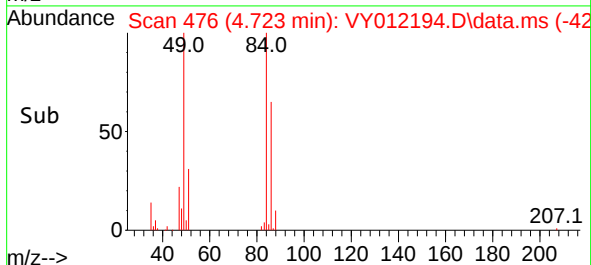
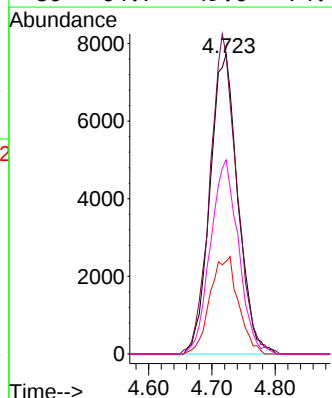
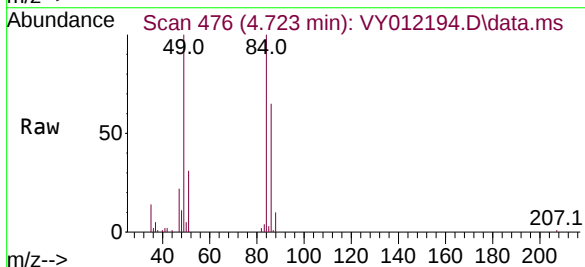
Ion Ratio Lower Upper

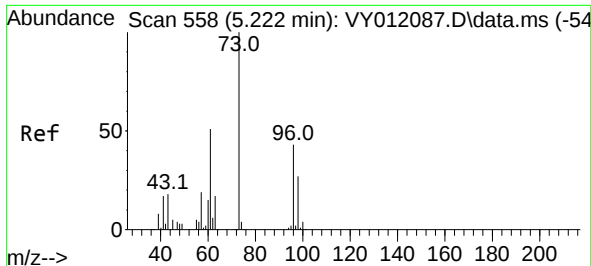
84 100

49 99.7 95.4 143.2

51 30.8 29.9 44.9

86 64.7 49.6 74.4

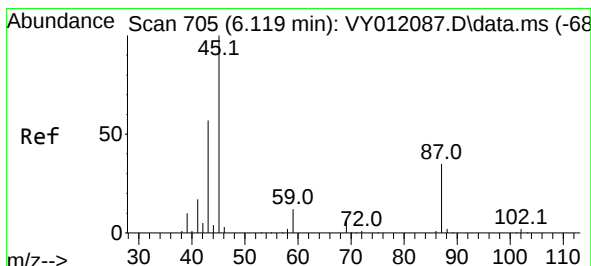
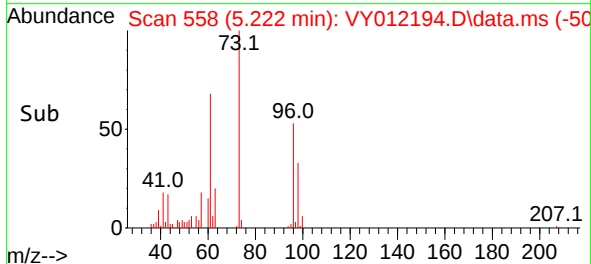
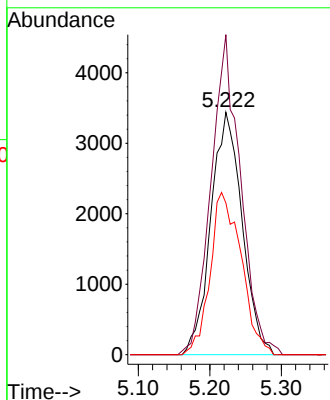
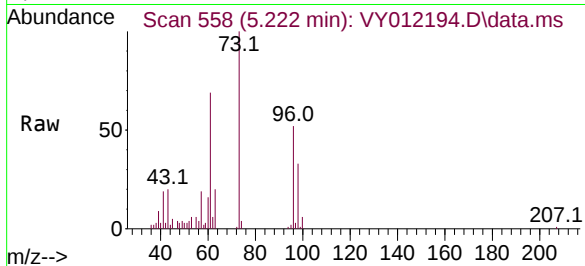




#21
trans-1,2-Dichloroethene
Concen: 5.066 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY012194.D
Acq: 16 Jan 2023 12:17

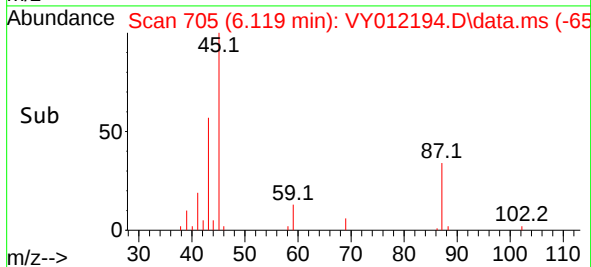
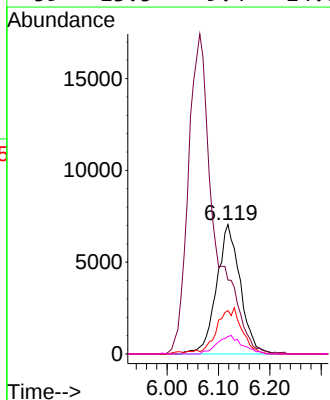
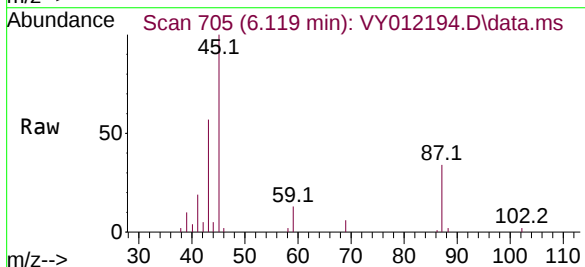
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

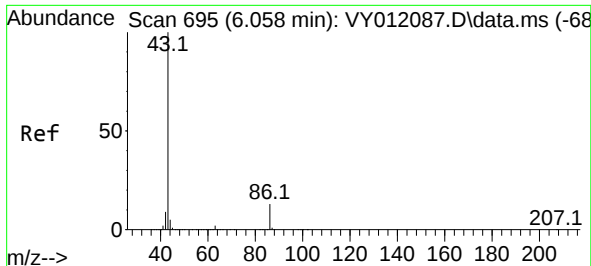
Tgt Ion: 96 Resp: 10431
Ion Ratio Lower Upper
96 100
61 132.0 108.0 162.0
98 62.6 51.6 77.4



#22
Diisopropyl ether
Concen: 4.950 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY012194.D
Acq: 16 Jan 2023 12:17

Tgt Ion: 45 Resp: 22514
Ion Ratio Lower Upper
45 100
43 56.1 45.0 67.4
87 33.5 22.6 33.8
59 13.5 9.4 14.0

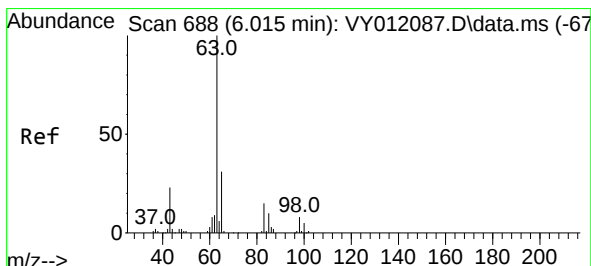
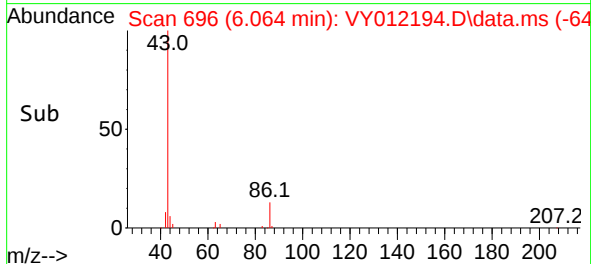
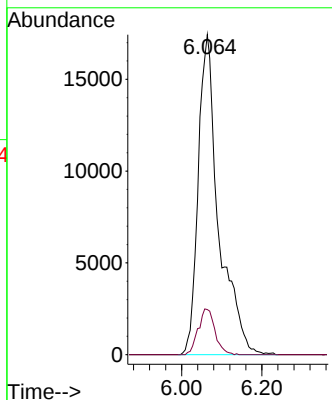
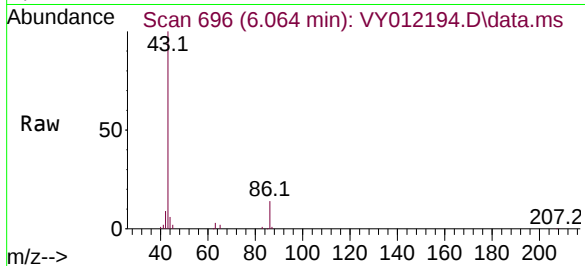




#23
 Vinyl Acetate
 Concen: 21.869 ug/l
 RT: 6.064 min Scan# 619
 Delta R.T. 0.006 min
 Lab File: VY012194.D
 Acq: 16 Jan 2023 12:17

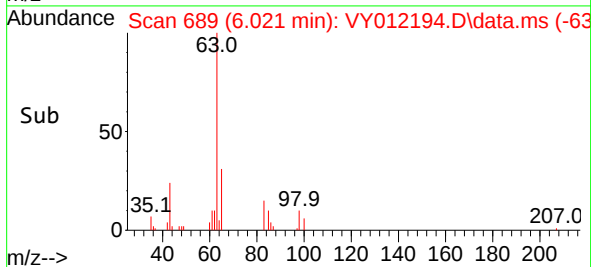
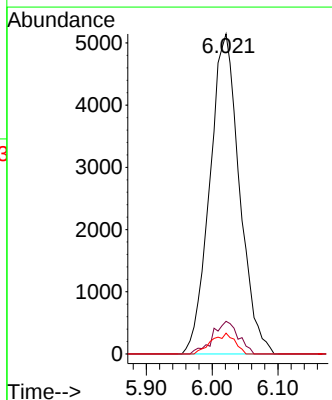
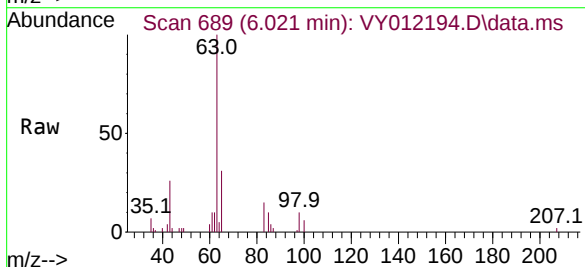
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

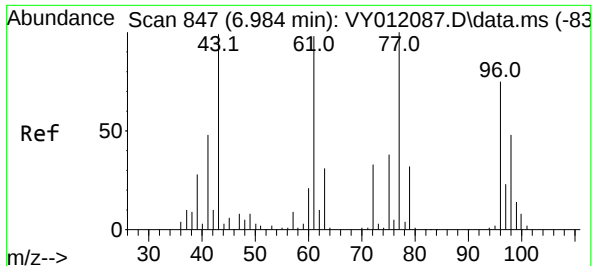
Tgt Ion: 43 Resp: 61979
 Ion Ratio Lower Upper
 43 100
 86 14.1 9.0 13.4#



#24
 1,1-Dichloroethane
 Concen: 5.118 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY012194.D
 Acq: 16 Jan 2023 12:17

Tgt Ion: 63 Resp: 16146
 Ion Ratio Lower Upper
 63 100
 98 10.2 3.5 10.5
 100 6.5 2.2 6.6





#25

2-Butanone

Concen: 20.297 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY012194.D

Acq: 16 Jan 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

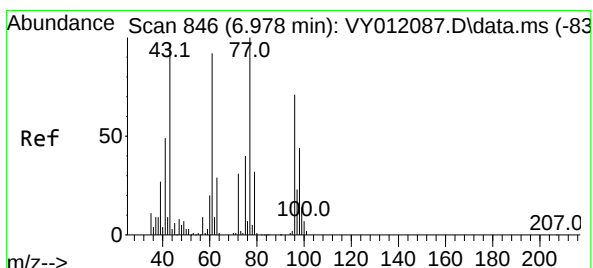
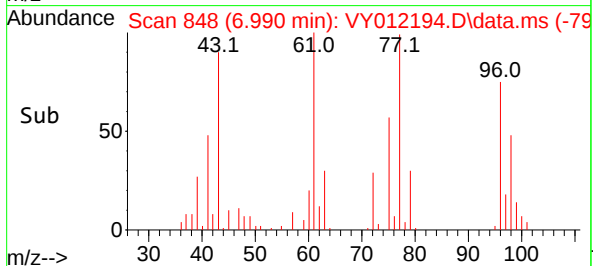
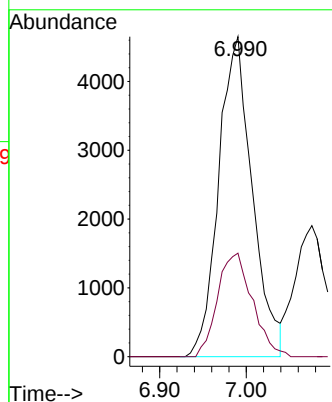
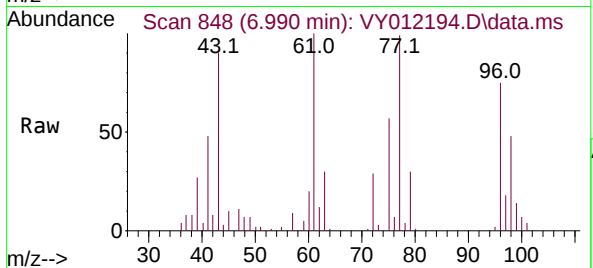
VSTDIC005

Tgt Ion: 43 Resp: 12535

Ion Ratio Lower Upper

43 100

72 32.3 22.6 34.0



#26

2,2-Dichloropropane

Concen: 5.109 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY012194.D

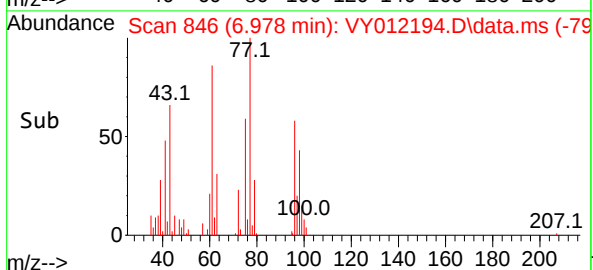
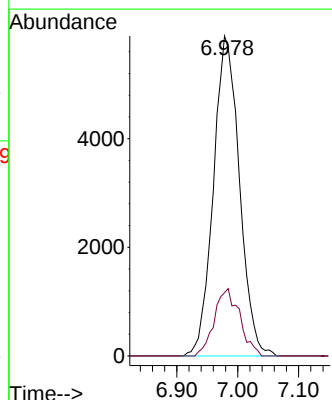
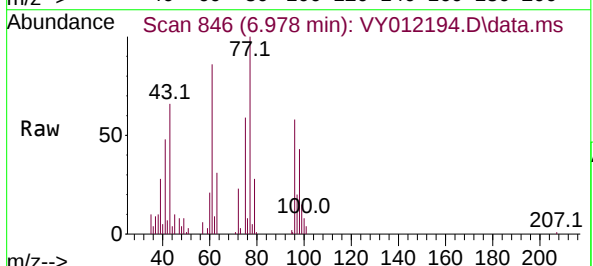
Acq: 16 Jan 2023 12:17

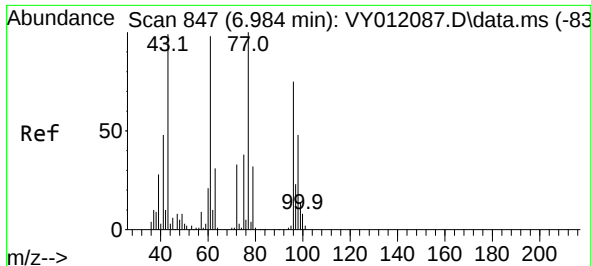
Tgt Ion: 77 Resp: 17496

Ion Ratio Lower Upper

77 100

97 20.5 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 5.073 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012194.D

Acq: 16 Jan 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

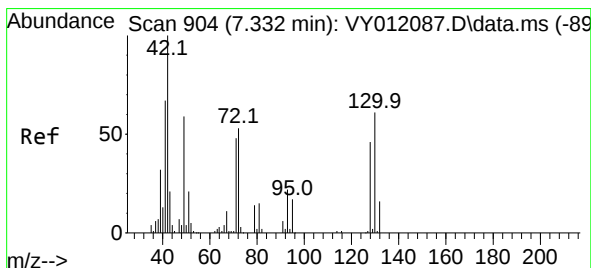
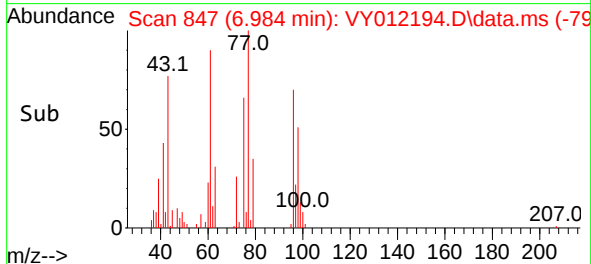
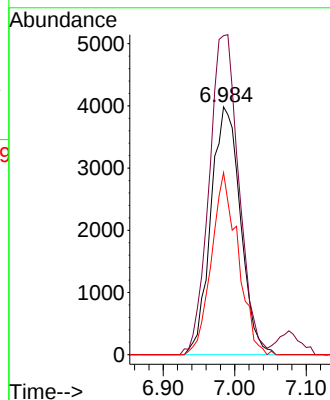
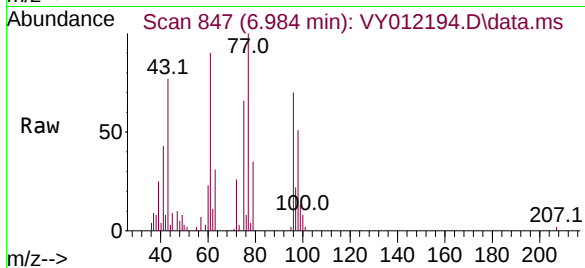
Tgt Ion: 96 Resp: 11473

Ion Ratio Lower Upper

96 100

61 129.8 0.0 283.4

98 65.8 0.0 127.6



#28

Bromochloromethane

Concen: 6.234 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY012194.D

Acq: 16 Jan 2023 12:17

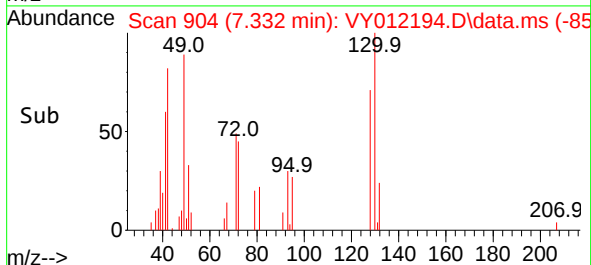
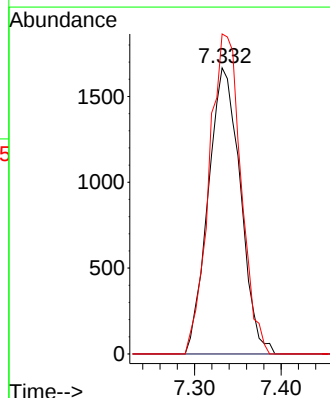
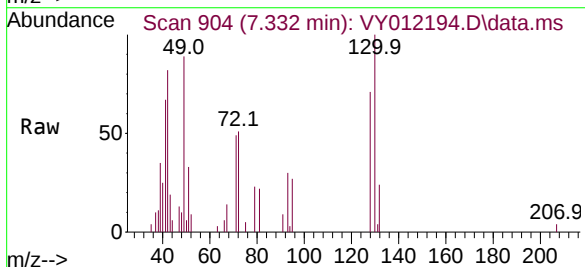
Tgt Ion: 49 Resp: 4295

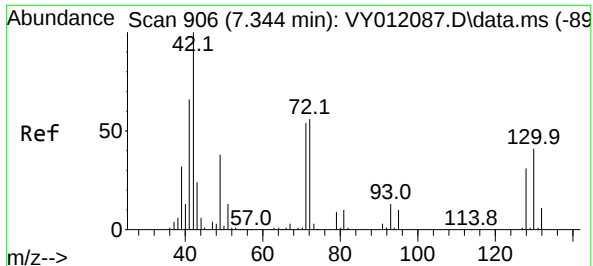
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

130 110.9 66.7 100.1#





#29

Tetrahydrofuran

Concen: 20.397 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY012194.D

Acq: 16 Jan 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

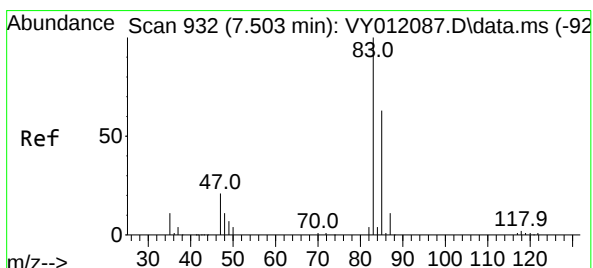
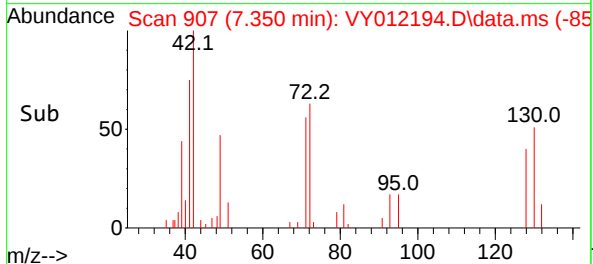
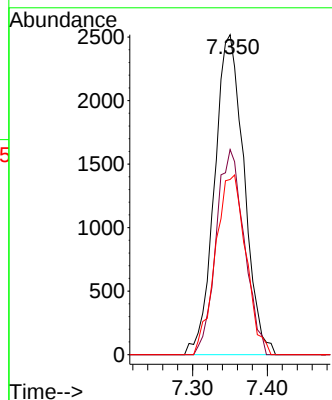
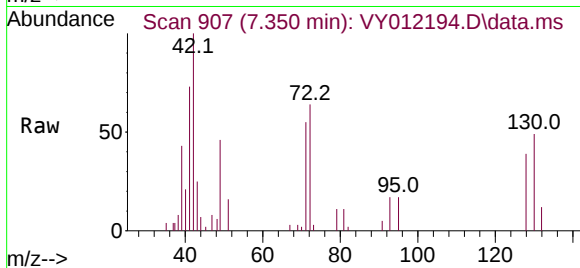
Tgt Ion: 42 Resp: 6919

Ion Ratio Lower Upper

42 100

72 61.0 37.0 55.6#

71 57.8 34.9 52.3#



#30

Chloroform

Concen: 5.070 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.001 min

Lab File: VY012194.D

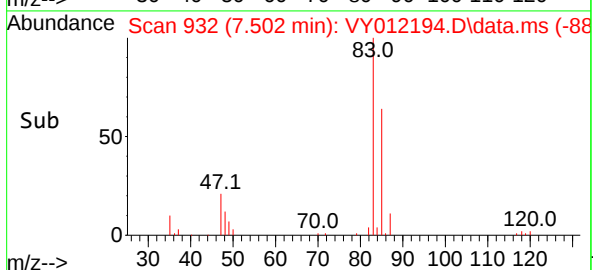
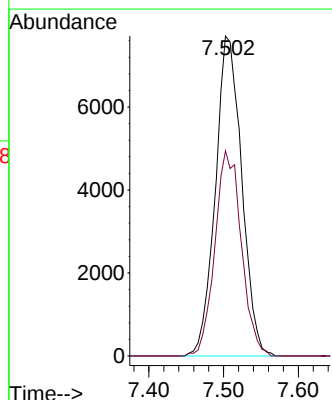
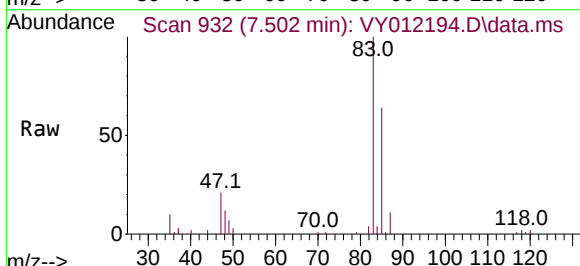
Acq: 16 Jan 2023 12:17

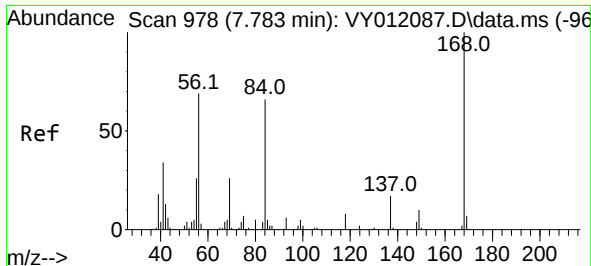
Tgt Ion: 83 Resp: 18879

Ion Ratio Lower Upper

83 100

85 64.1 51.5 77.3

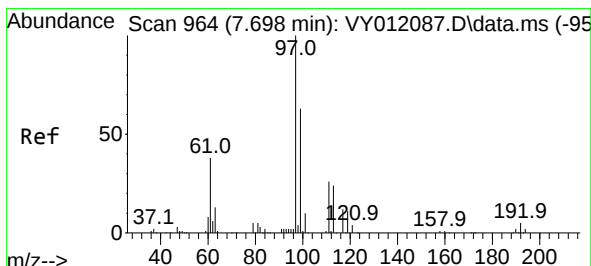
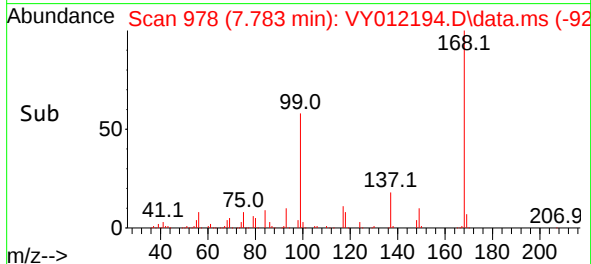
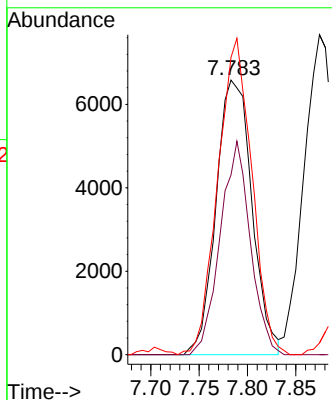
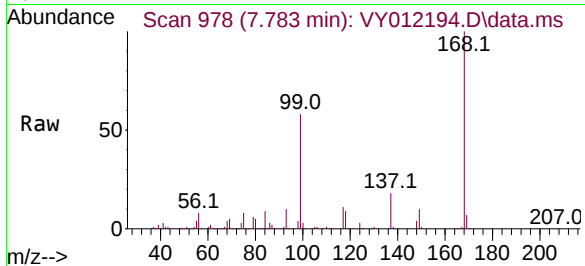




#31
Cyclohexane
Concen: 5.795 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012194.D
Acq: 16 Jan 2023 12:17

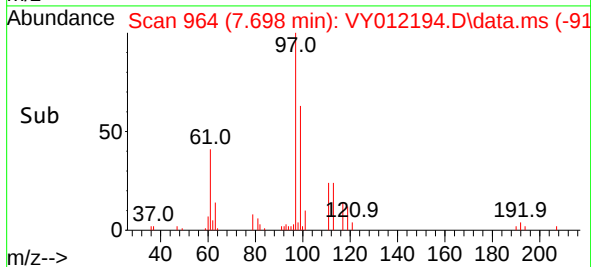
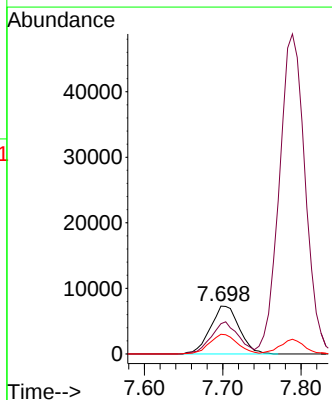
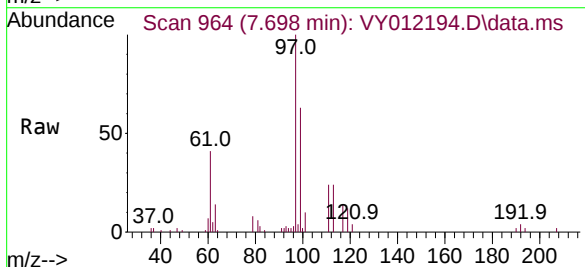
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

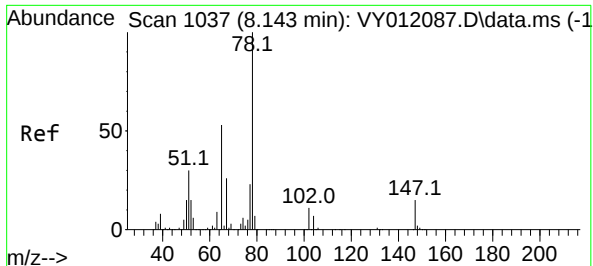
Tgt Ion: 56 Resp: 16974
Ion Ratio Lower Upper
56 100
69 65.4 29.2 43.8#
84 108.3 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 5.078 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY012194.D
Acq: 16 Jan 2023 12:17

Tgt Ion: 97 Resp: 18722
Ion Ratio Lower Upper
97 100
99 64.0 51.0 76.4
61 39.7 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 2.717 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY012194.D

Acq: 16 Jan 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

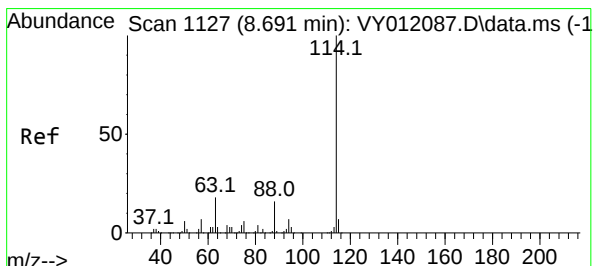
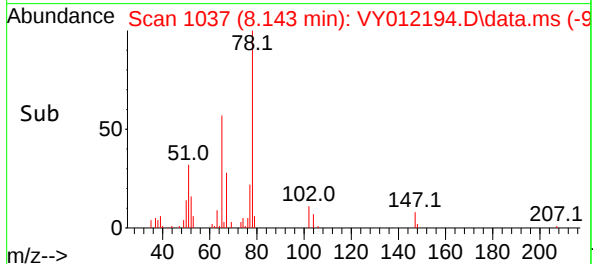
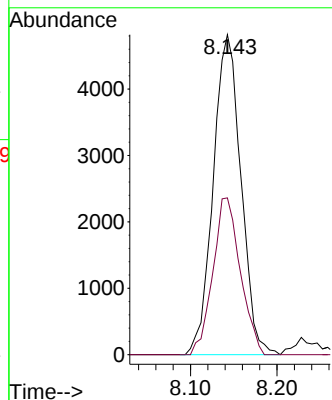
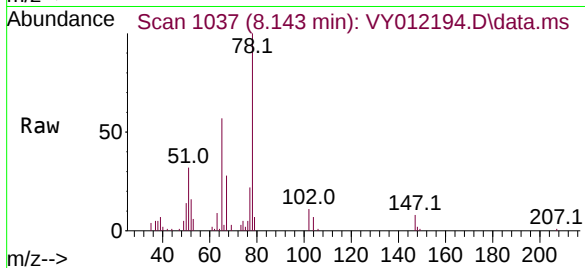
VSTDIC005

Tgt Ion: 65 Resp: 10716

Ion Ratio Lower Upper

65 100

67 48.5 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: VY012194.D

Acq: 16 Jan 2023 12:17

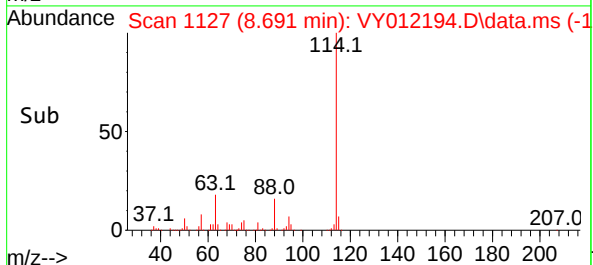
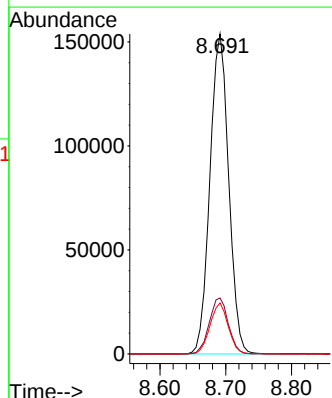
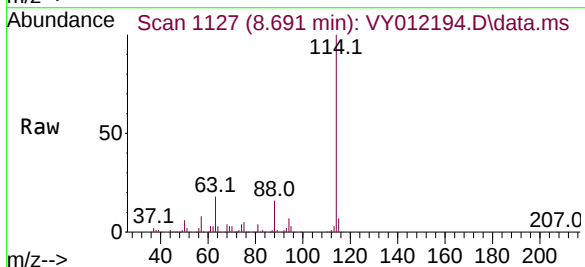
Tgt Ion:114 Resp: 304921

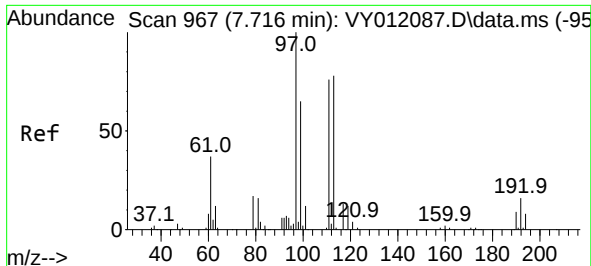
Ion Ratio Lower Upper

114 100

63 17.5 0.0 39.6

88 15.9 0.0 32.2





#35

Dibromofluoromethane

Concen: 5.511 ug/l

RT: 7.716 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY012194.D

Acq: 16 Jan 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

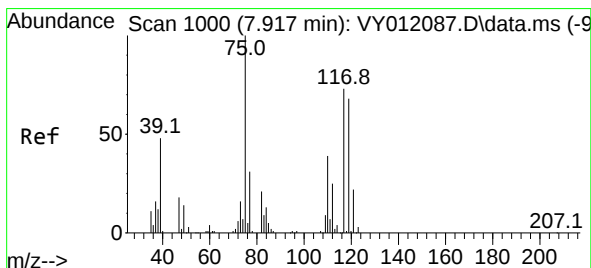
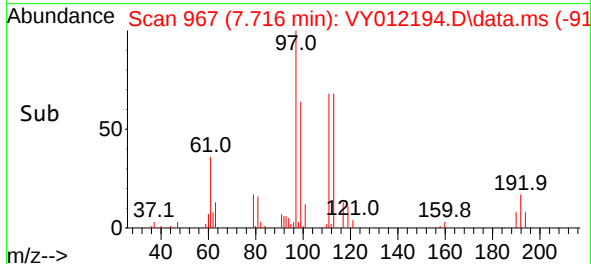
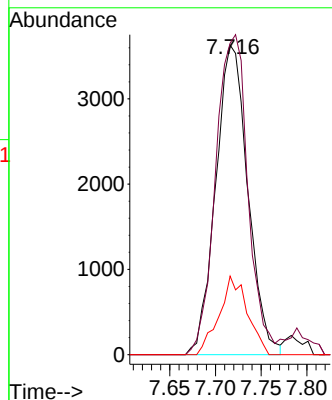
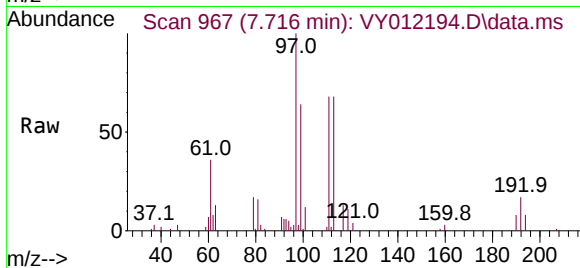
Tgt Ion:113 Resp: 8898

Ion Ratio Lower Upper

113 100

111 104.6 83.0 124.4

192 22.2 16.0 24.0



#36

1,1-Dichloropropene

Concen: 5.187 ug/l

RT: 7.917 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY012194.D

Acq: 16 Jan 2023 12:17

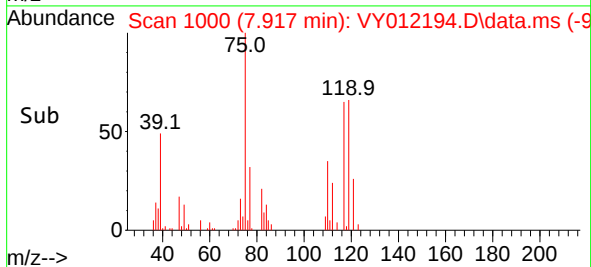
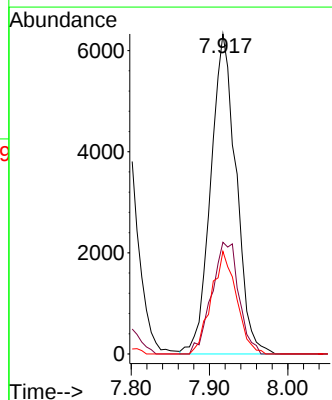
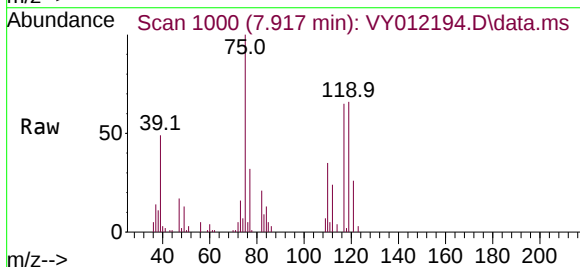
Tgt Ion: 75 Resp: 14234

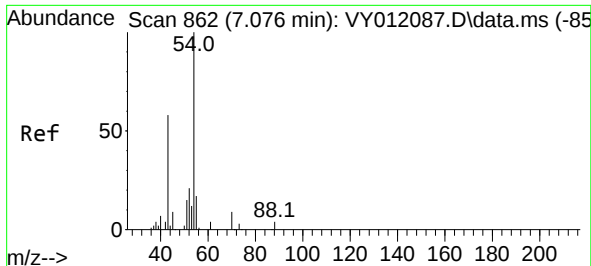
Ion Ratio Lower Upper

75 100

110 37.2 18.1 54.1

77 31.8 25.1 37.7





#37

Ethyl Acetate

Concen: 4.372 ug/l

RT: 7.076 min Scan# 862

Delta R.T. -0.000 min

Lab File: VY012194.D

Acq: 16 Jan 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

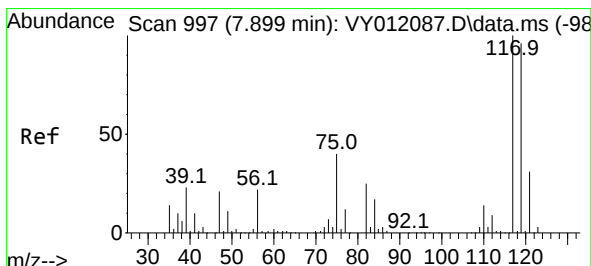
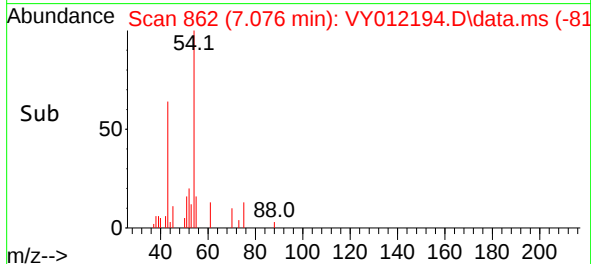
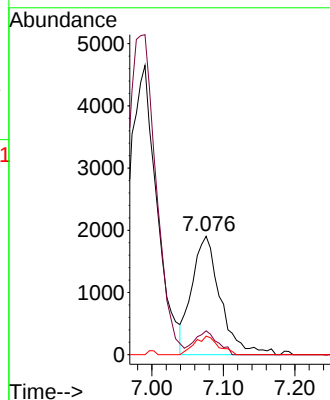
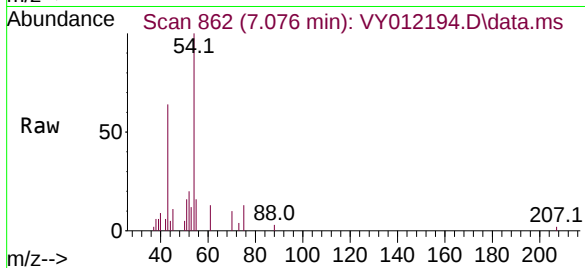
Tgt Ion: 43 Resp: 5288

Ion Ratio Lower Upper

43 100

61 16.1 11.3 16.9

70 13.1 8.2 12.4#



#38

Carbon Tetrachloride

Concen: 5.160 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY012194.D

Acq: 16 Jan 2023 12:17

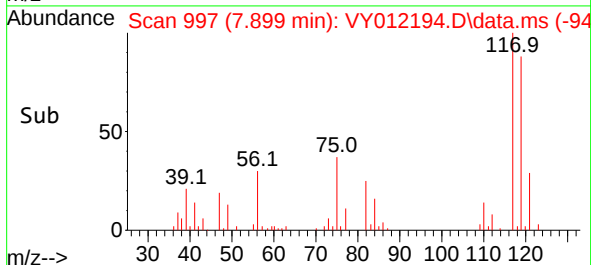
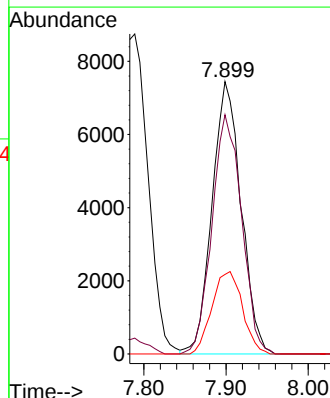
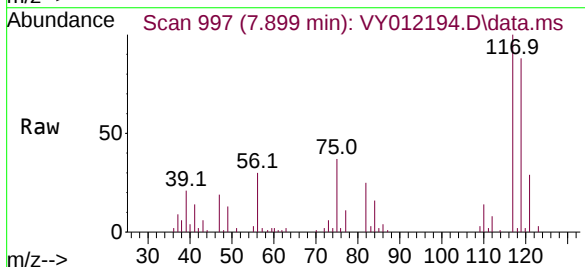
Tgt Ion: 117 Resp: 18285

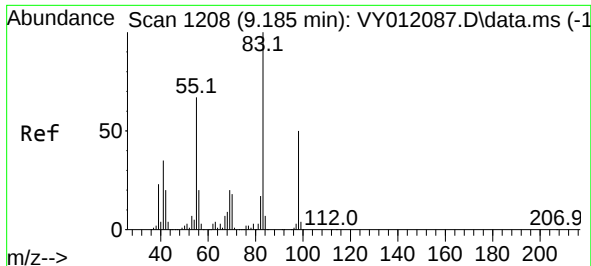
Ion Ratio Lower Upper

117 100

119 87.8 73.8 110.8

121 29.2 25.2 37.8





#39

Methylcyclohexane

Concen: 4.990 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012194.D

Acq: 16 Jan 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

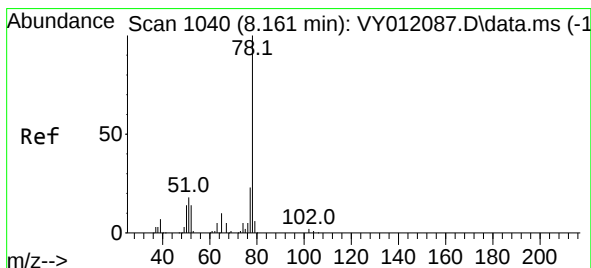
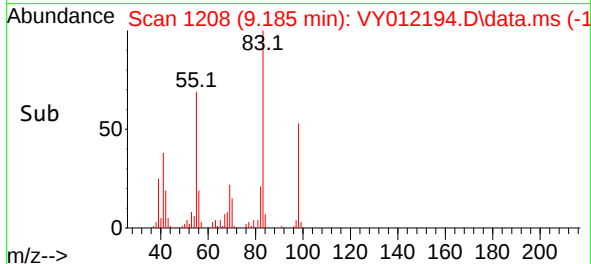
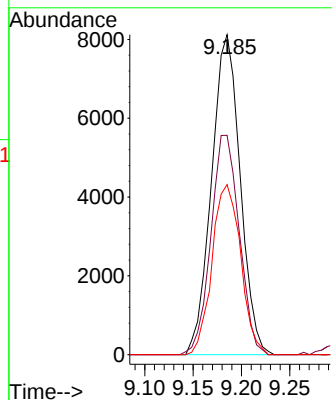
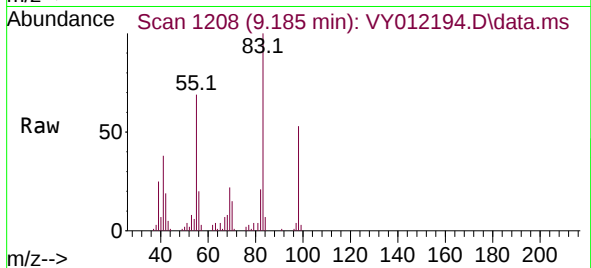
Tgt Ion: 83 Resp: 16733

Ion Ratio Lower Upper

83 100

55 68.6 58.2 87.2

98 53.2 38.6 58.0



#40

Benzene

Concen: 5.214 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY012194.D

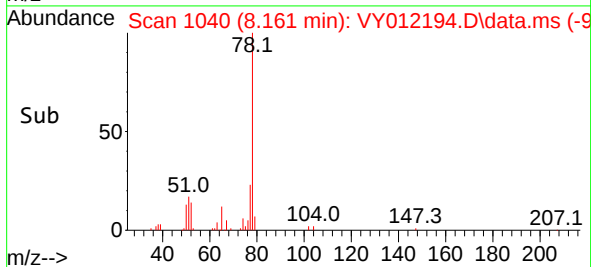
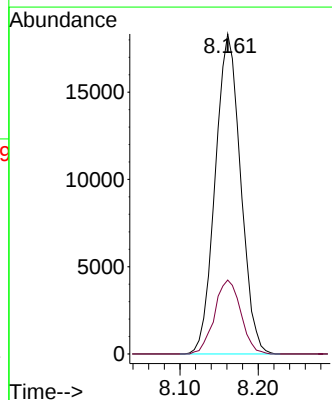
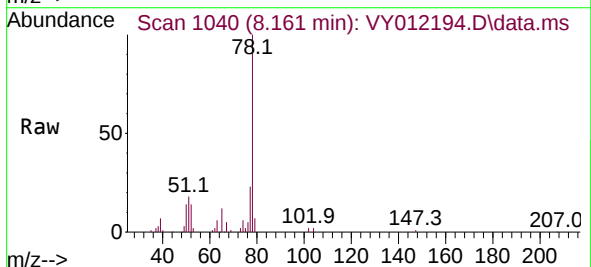
Acq: 16 Jan 2023 12:17

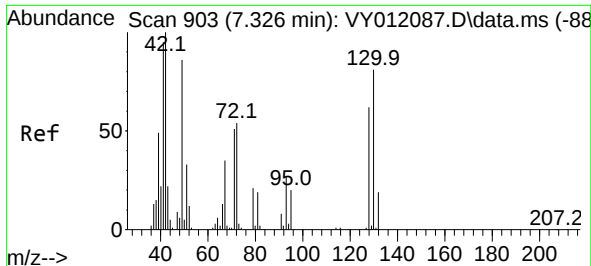
Tgt Ion: 78 Resp: 41296

Ion Ratio Lower Upper

78 100

77 23.1 18.6 27.8

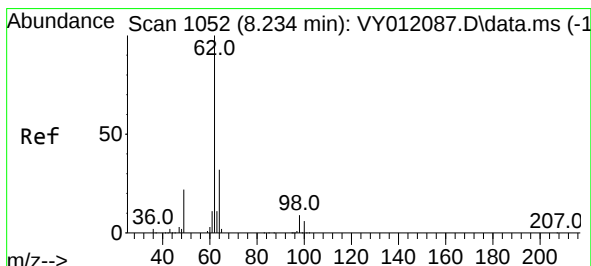
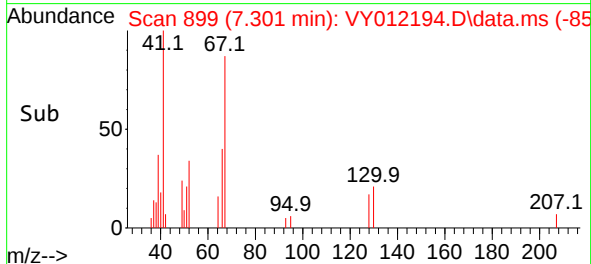
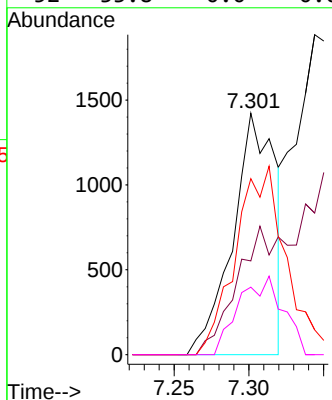
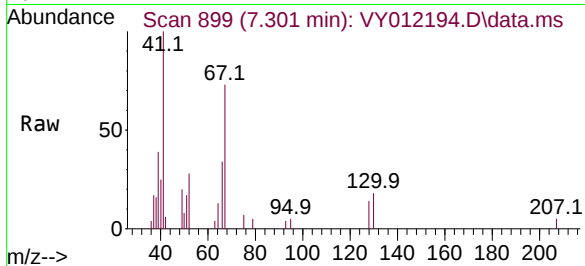




#41
Methacrylonitrile
Concen: 3.948 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.025 min
Lab File: VY012194.D
Acq: 16 Jan 2023 12:17

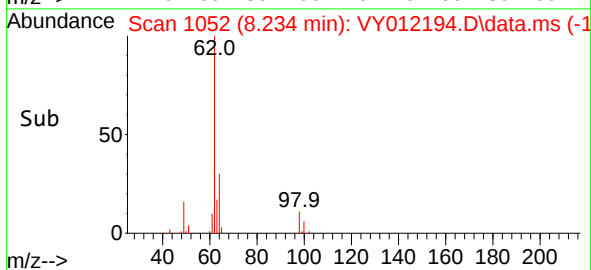
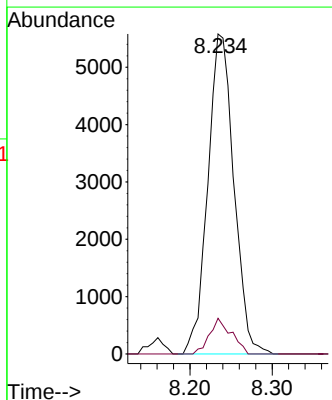
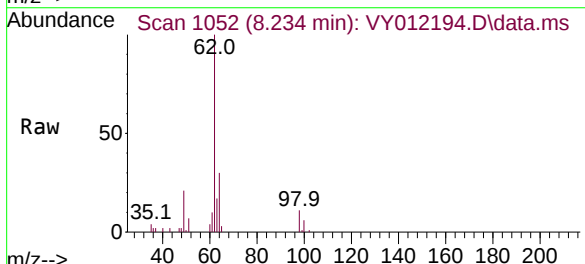
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

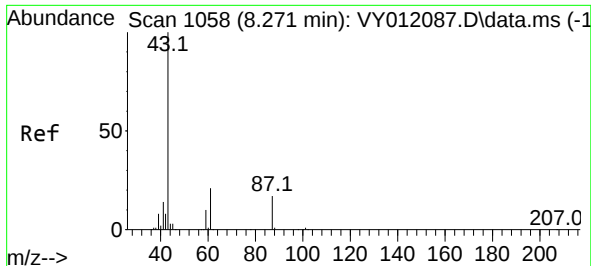
Tgt Ion:	41	Resp:	2807
Ion	Ratio	Lower	Upper
41	100		
39	42.1	0.0	0.0#
67	92.3	0.0	0.0#
52	33.8	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 4.882 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY012194.D
Acq: 16 Jan 2023 12:17

Tgt Ion:	62	Resp:	12309
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.6

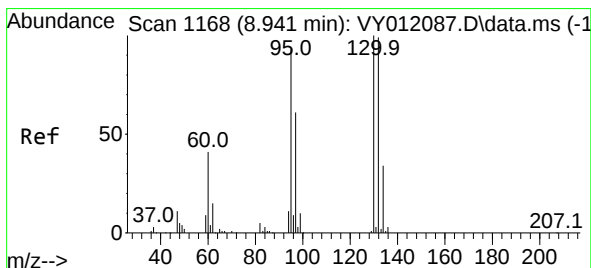
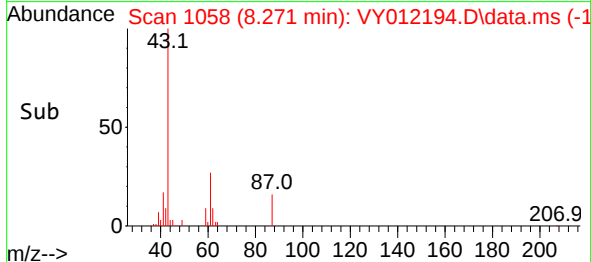
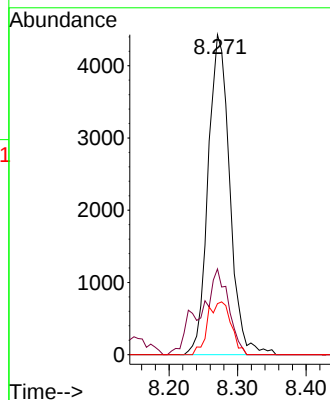
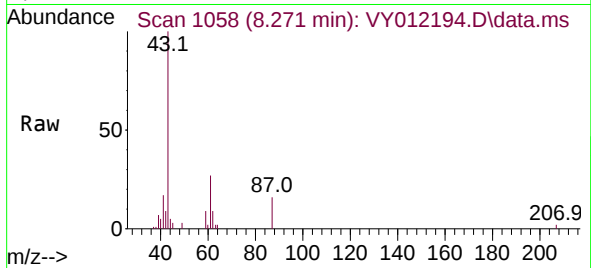




#43
Isopropyl Acetate
Concen: 4.307 ug/l
RT: 8.271 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VY012194.D
Acq: 16 Jan 2023 12:17

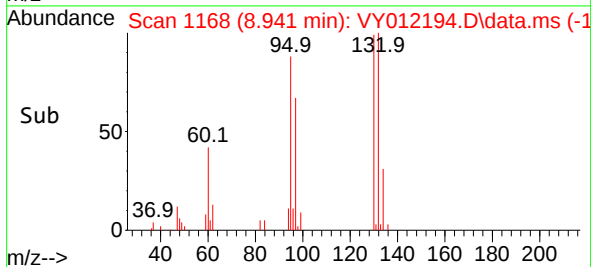
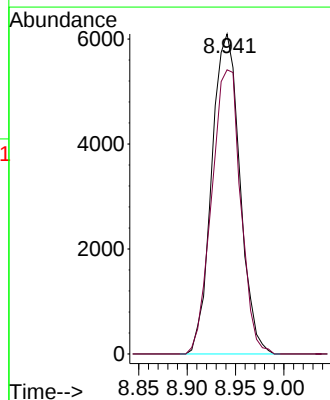
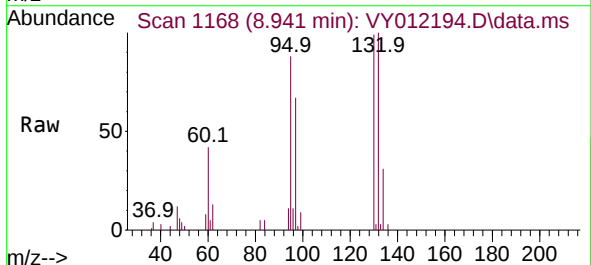
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

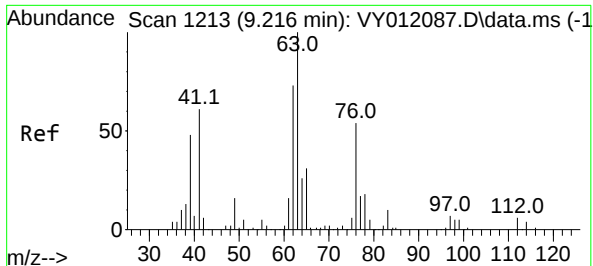
Tgt Ion: 43 Resp: 9694
Ion Ratio Lower Upper
43 100
61 27.3 24.4 36.6
87 17.9 11.4 17.2#



#44
Trichloroethene
Concen: 5.207 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY012194.D
Acq: 16 Jan 2023 12:17

Tgt Ion: 130 Resp: 12327
Ion Ratio Lower Upper
130 100
95 88.8 0.0 190.6





#45

1,2-Dichloropropane

Concen: 4.921 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY012194.D

Acq: 16 Jan 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

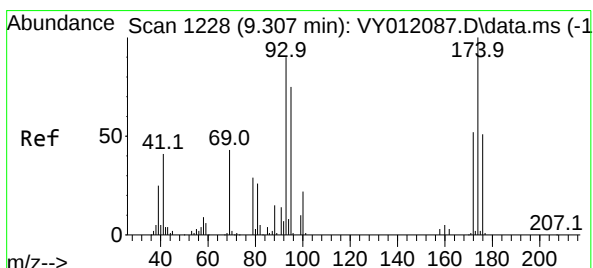
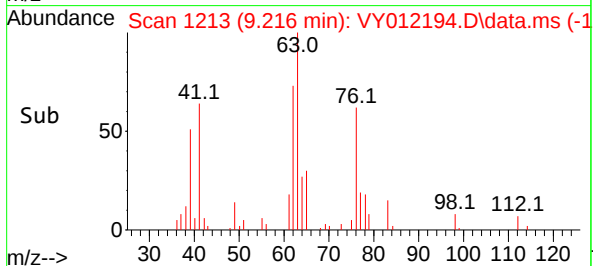
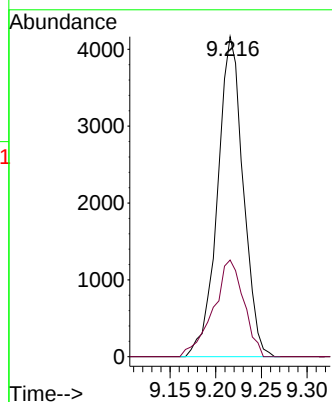
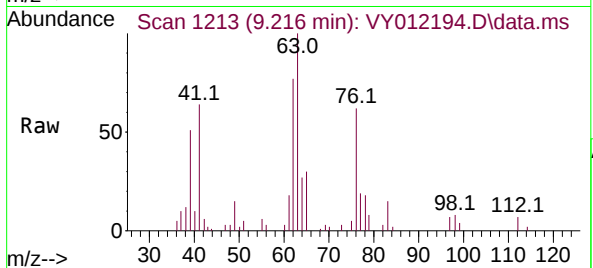
VSTDIC005

Tgt Ion: 63 Resp: 8132

Ion Ratio Lower Upper

63 100

65 30.2 24.9 37.3



#46

Dibromomethane

Concen: 4.831 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY012194.D

Acq: 16 Jan 2023 12:17

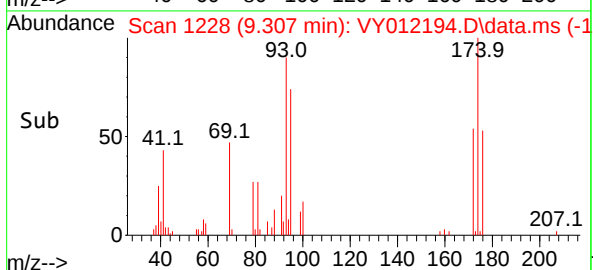
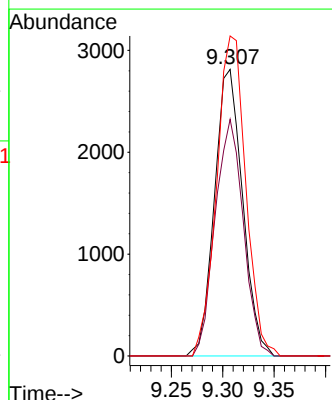
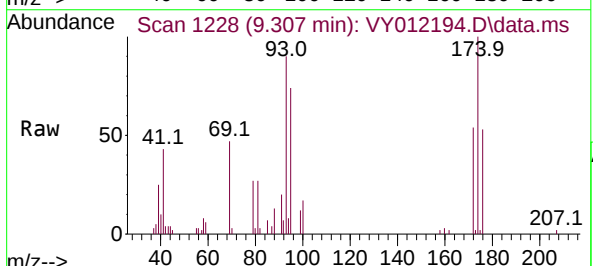
Tgt Ion: 93 Resp: 5345

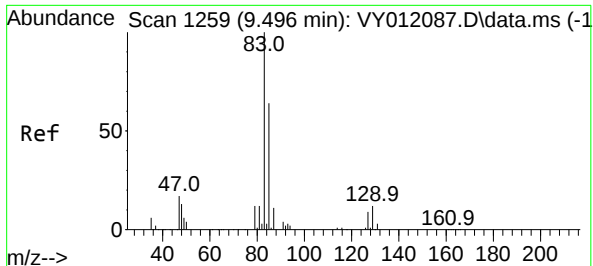
Ion Ratio Lower Upper

93 100

95 82.7 66.1 99.1

174 115.7 84.7 127.1





#47

Bromodichloromethane

Concen: 4.787 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VY012194.D

Acq: 16 Jan 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

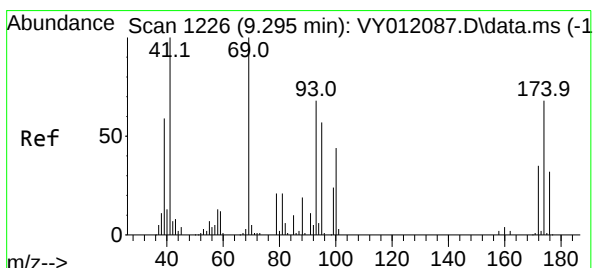
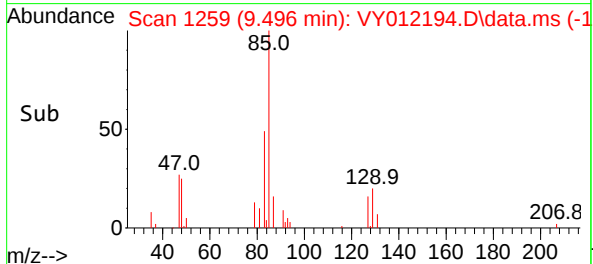
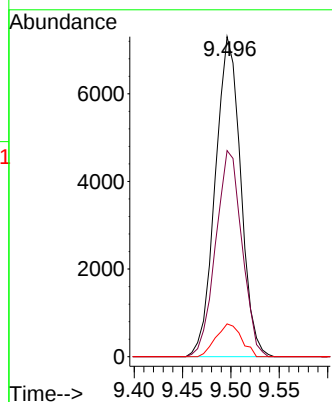
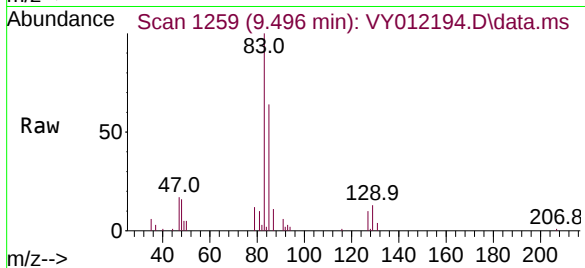
Tgt Ion: 83 Resp: 13332

Ion Ratio Lower Upper

83 100

85 64.4 52.0 78.0

127 10.2 7.3 10.9



#48

Methyl methacrylate

Concen: 4.131 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY012194.D

Acq: 16 Jan 2023 12:17

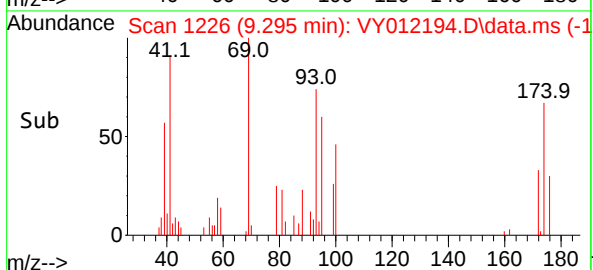
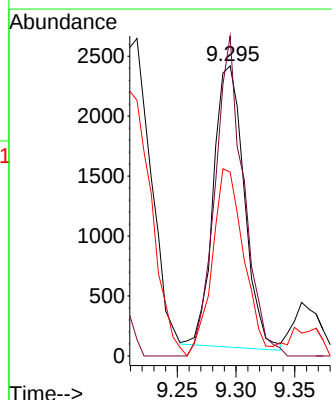
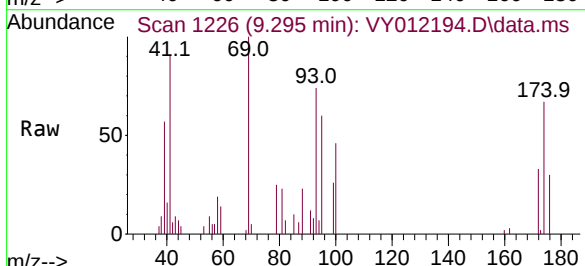
Tgt Ion: 41 Resp: 4284

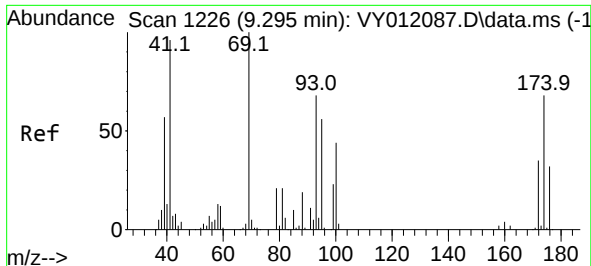
Ion Ratio Lower Upper

41 100

69 105.9 74.2 111.2

39 68.5 46.3 69.5





#49

1,4-Dioxane

Concen: 86.634 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY012194.D

Acq: 16 Jan 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

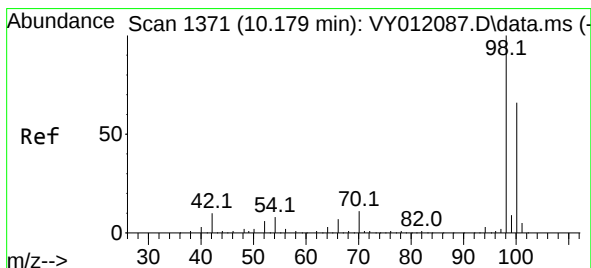
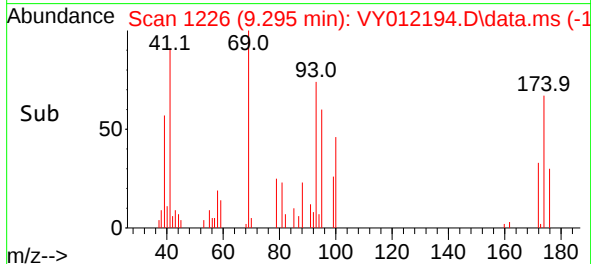
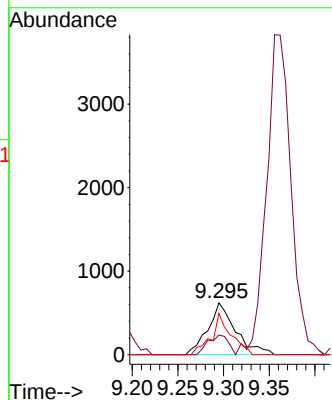
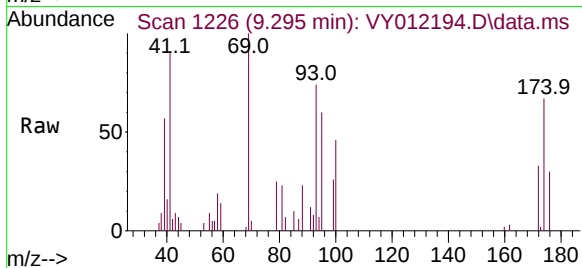
Tgt Ion: 88 Resp: 1306

Ion Ratio Lower Upper

88 100

43 27.4 26.2 39.2

58 56.7 54.3 81.5



#50

Toluene-d8

Concen: 2.669 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012194.D

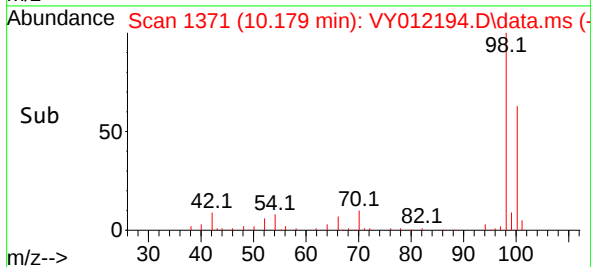
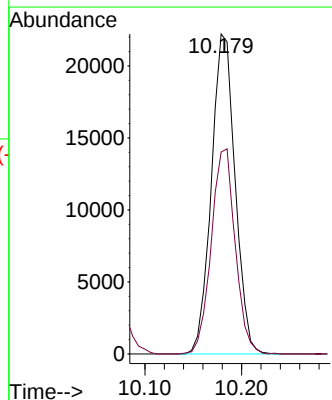
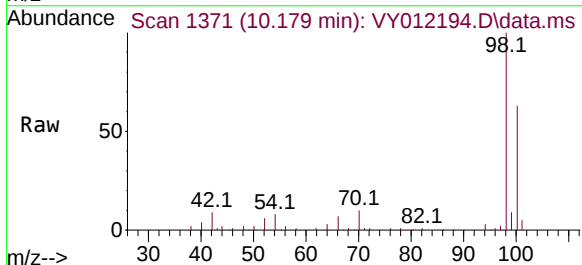
Acq: 16 Jan 2023 12:17

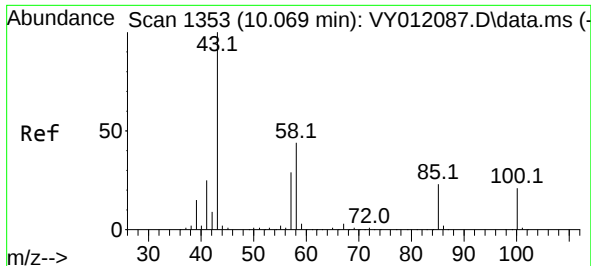
Tgt Ion: 98 Resp: 37867

Ion Ratio Lower Upper

98 100

100 64.8 51.9 77.9

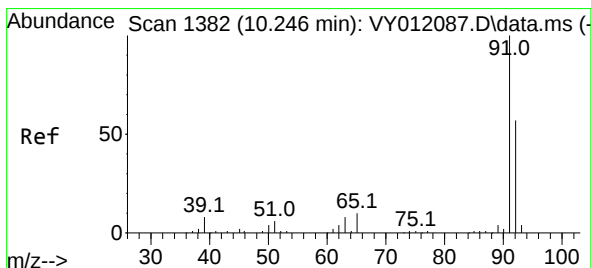
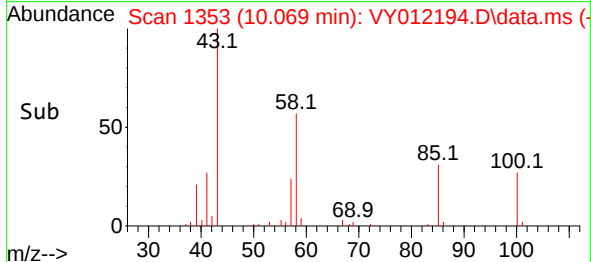
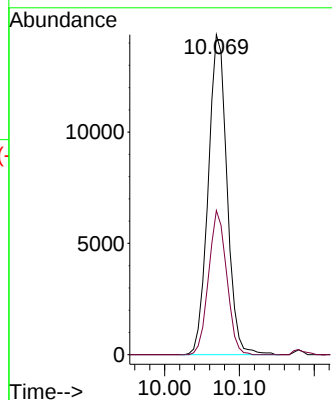
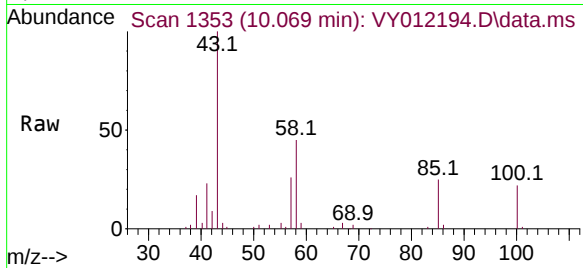




#51
4-Methyl-2-Pentanone
Concen: 20.940 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY012194.D
Acq: 16 Jan 2023 12:17

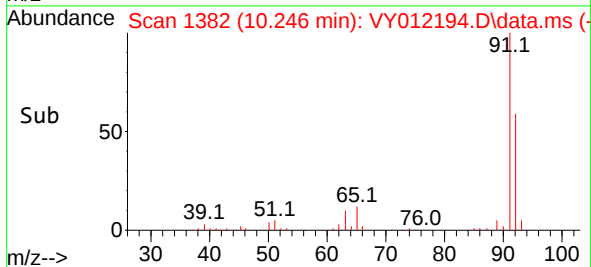
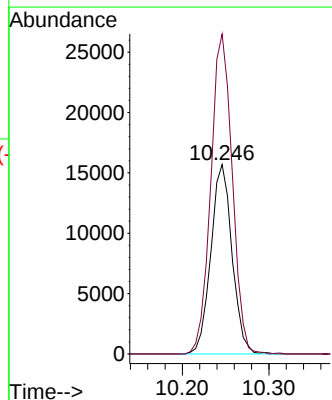
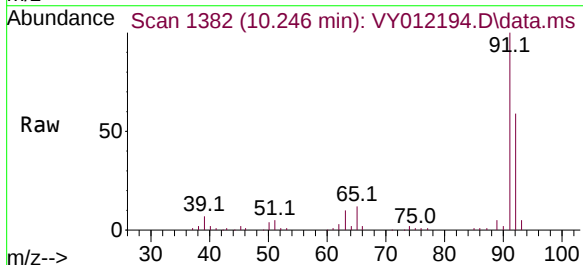
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

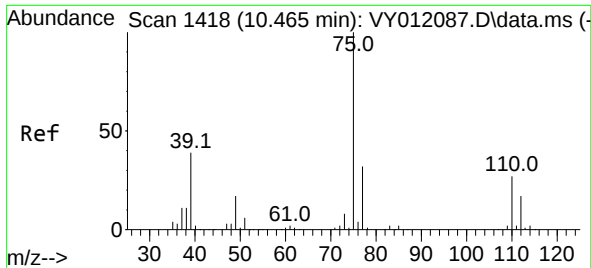
Tgt Ion: 43 Resp: 25129
Ion Ratio Lower Upper
43 100
58 43.2 32.9 49.3



#52
Toluene
Concen: 5.062 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY012194.D
Acq: 16 Jan 2023 12:17

Tgt Ion: 92 Resp: 26692
Ion Ratio Lower Upper
92 100
91 170.9 137.4 206.0

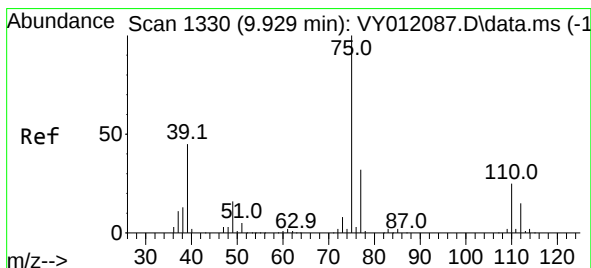
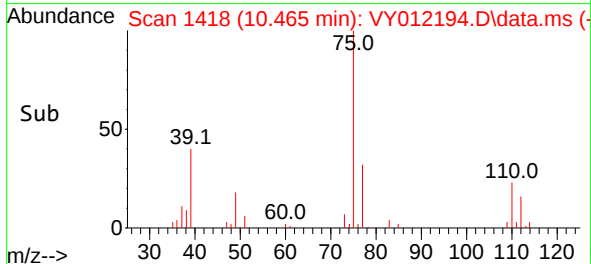
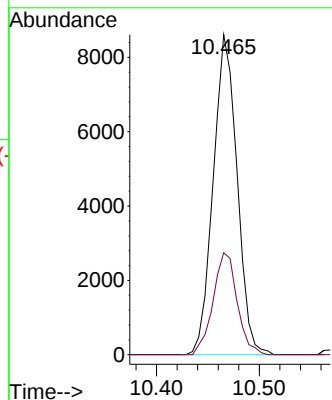
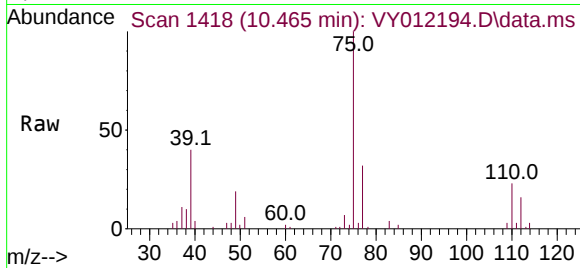




#53
t-1,3-Dichloropropene
Concen: 4.757 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY012194.D
Acq: 16 Jan 2023 12:17

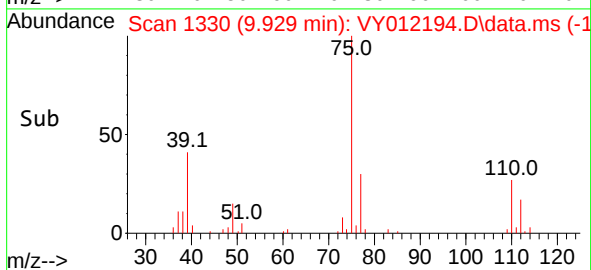
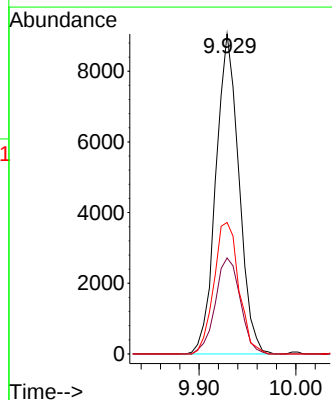
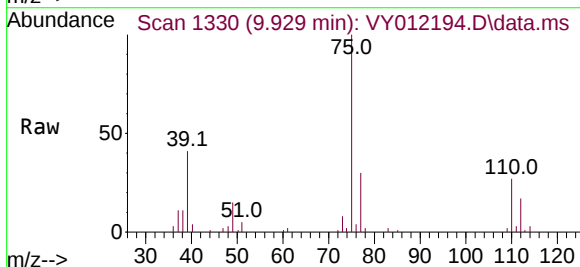
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

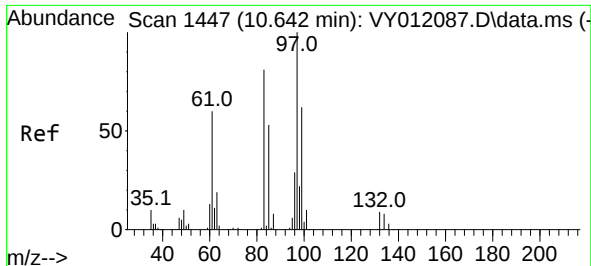
Tgt Ion: 75 Resp: 13856
Ion Ratio Lower Upper
75 100
77 31.8 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 4.782 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY012194.D
Acq: 16 Jan 2023 12:17

Tgt Ion: 75 Resp: 15002
Ion Ratio Lower Upper
75 100
77 30.0 25.9 38.9
39 41.1 34.6 52.0

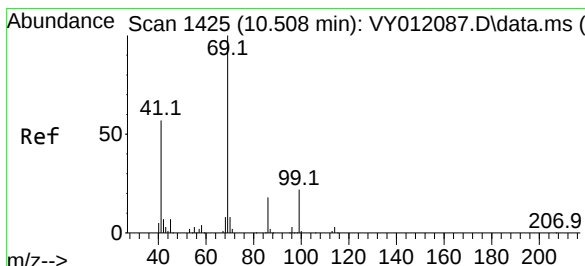
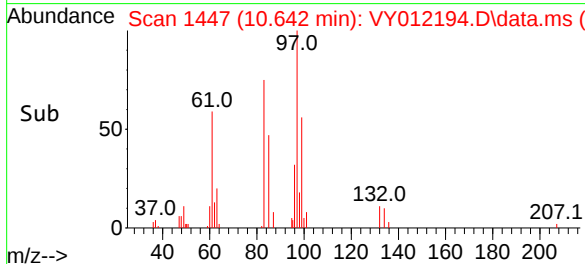
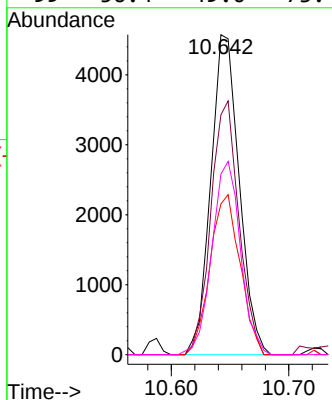
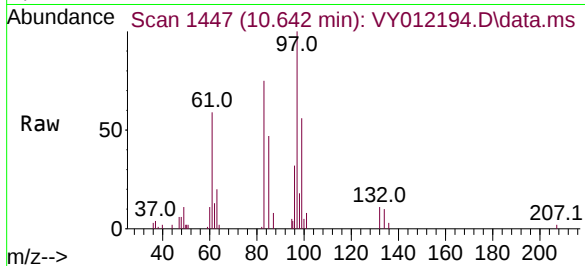




#55
1,1,2-Trichloroethane
Concen: 4.894 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY012194.D
Acq: 16 Jan 2023 12:17

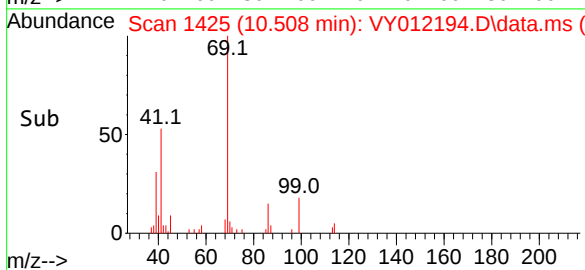
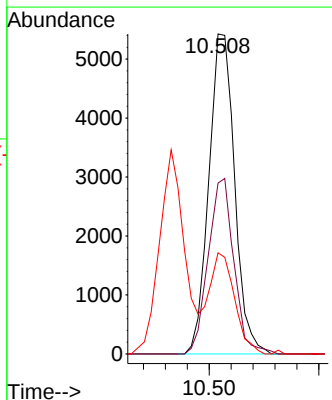
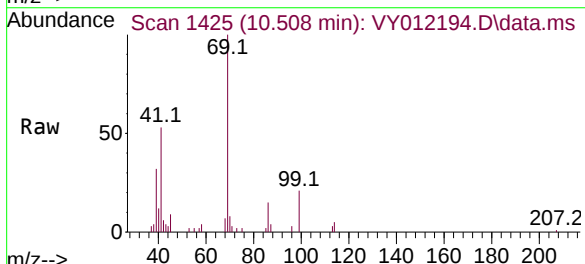
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

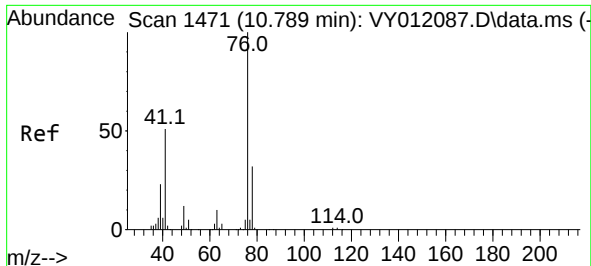
Tgt Ion: 97	Resp:	7693	
Ion	Ratio	Lower	Upper
97	100		
83	75.0	67.7	101.5
85	47.1	43.8	65.8
99	56.4	49.0	73.4



#56
Ethyl methacrylate
Concen: 4.306 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY012194.D
Acq: 16 Jan 2023 12:17

Tgt Ion: 69	Resp: 8879
Ion Ratio	Lower Upper
69 100	
41 54.6	48.9 73.3
39 31.9	25.9 38.9





#57

1,3-Dichloropropane

Concen: 4.830 ug/l

RT: 10.795 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY012194.D

Acq: 16 Jan 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

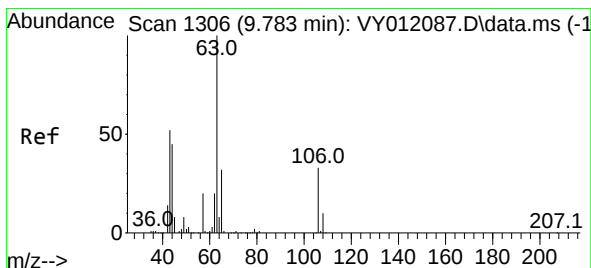
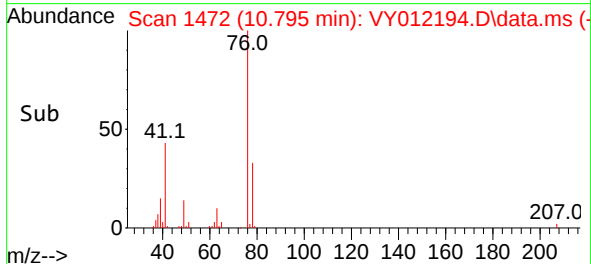
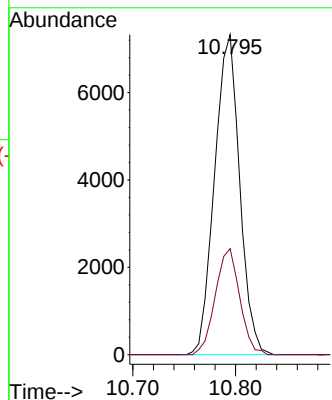
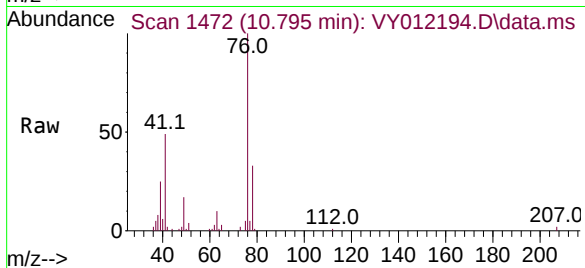
VSTDICC005

Tgt Ion: 76 Resp: 12399

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 24.569 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY012194.D

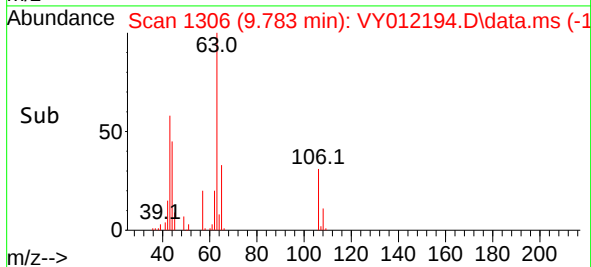
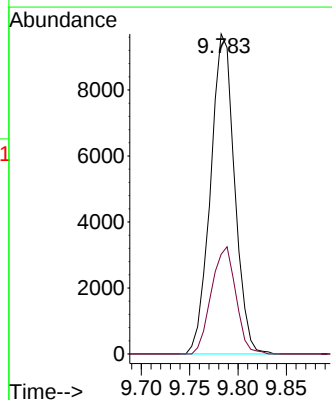
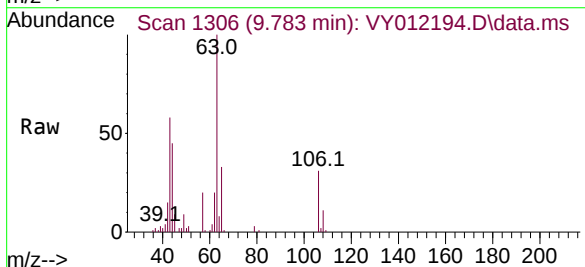
Acq: 16 Jan 2023 12:17

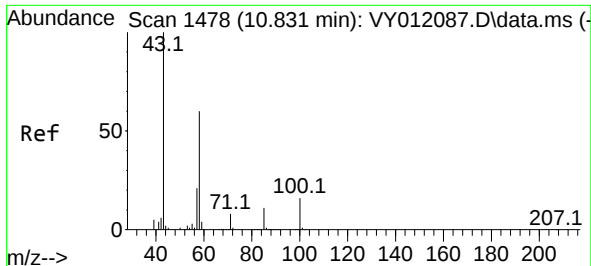
Tgt Ion: 63 Resp: 16764

Ion Ratio Lower Upper

63 100

106 34.0 23.2 34.8

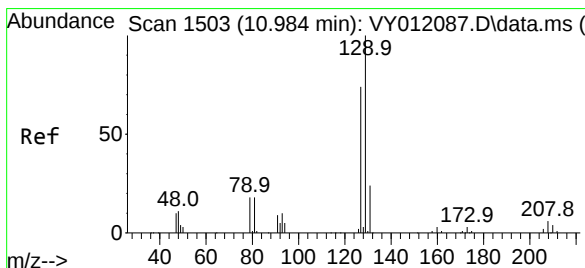
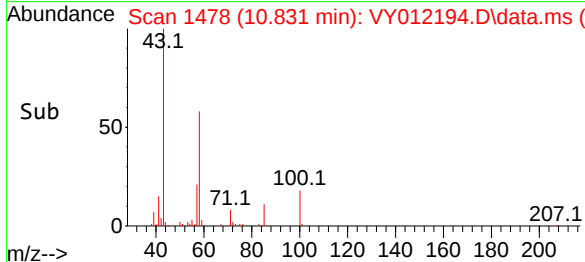
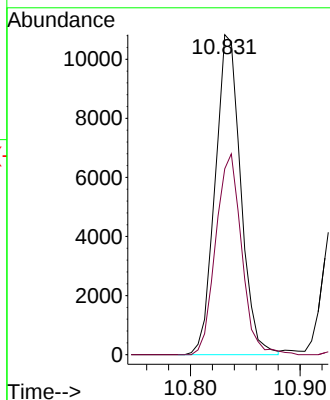
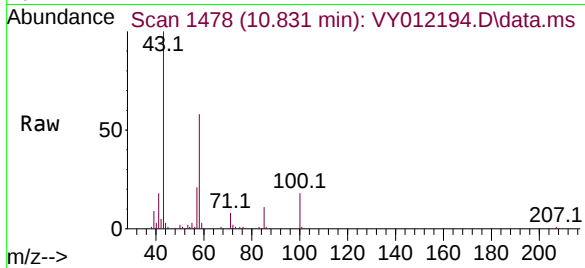




#59
2-Hexanone
Concen: 19.199 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY012194.D
Acq: 16 Jan 2023 12:17

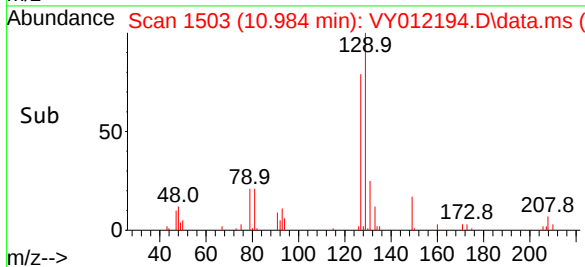
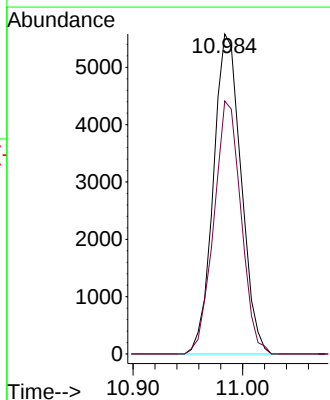
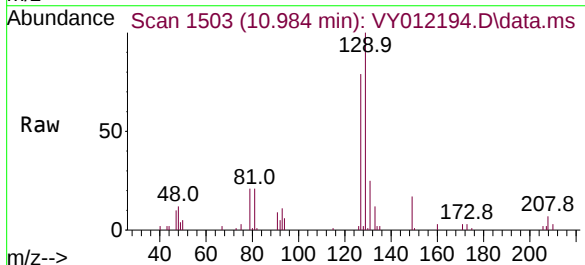
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

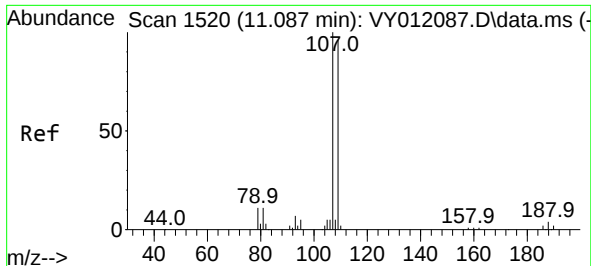
Tgt Ion: 43 Resp: 17541
Ion Ratio Lower Upper
43 100
58 63.5 28.4 85.2



#60
Dibromochloromethane
Concen: 4.702 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY012194.D
Acq: 16 Jan 2023 12:17

Tgt Ion: 129 Resp: 9802
Ion Ratio Lower Upper
129 100
127 77.5 38.9 116.6

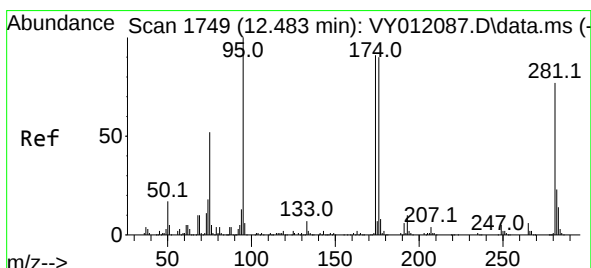
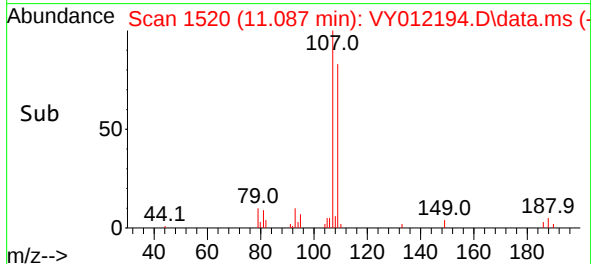
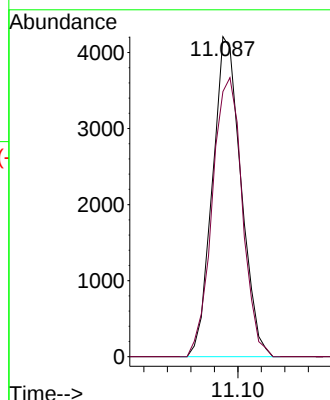
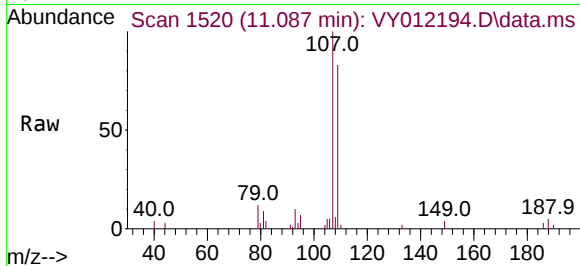




#61
1,2-Dibromoethane
Concen: 4.675 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY012194.D
Acq: 16 Jan 2023 12:17

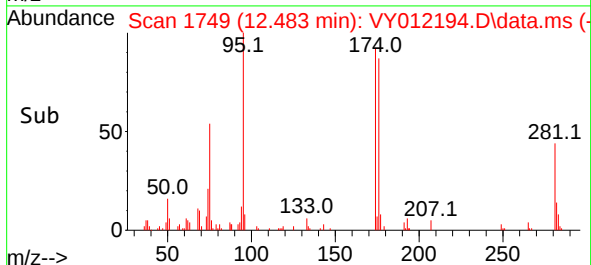
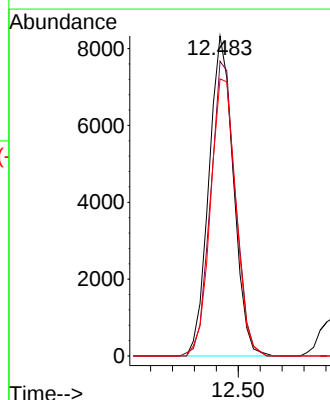
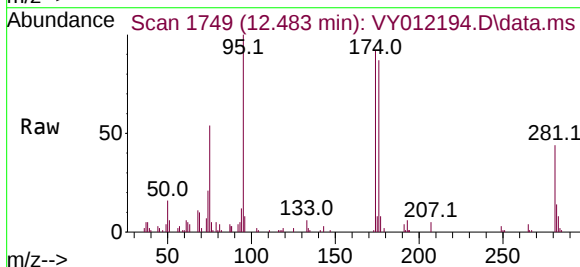
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

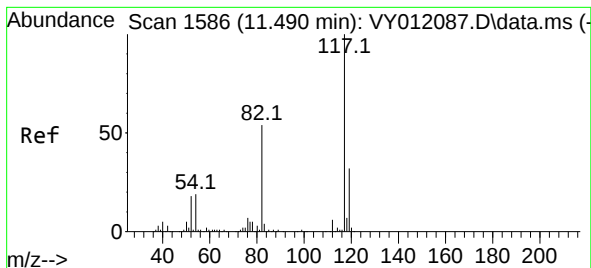
Tgt Ion:107 Resp: 7090
Ion Ratio Lower Upper
107 100
109 91.5 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 5.694 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012194.D
Acq: 16 Jan 2023 12:17

Tgt Ion: 95 Resp: 12960
Ion Ratio Lower Upper
95 100
174 92.8 0.0 172.0
176 89.3 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: VY012194.D

Acq: 16 Jan 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

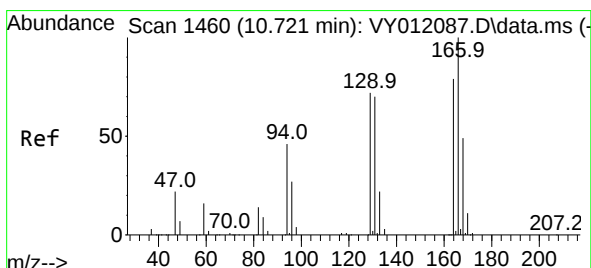
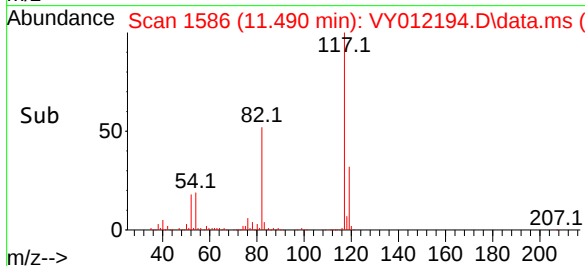
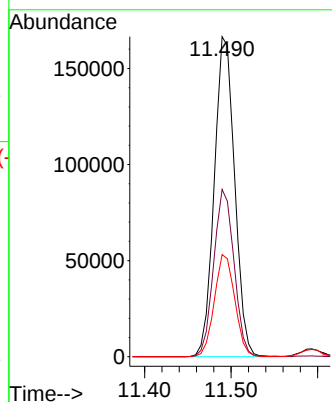
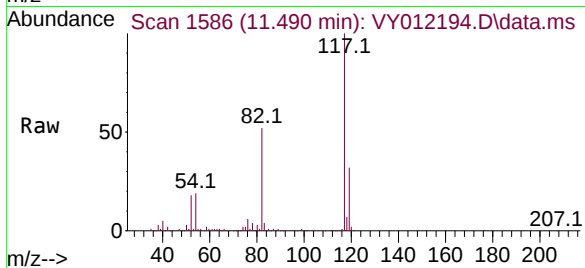
Tgt Ion:117 Resp: 272553

Ion Ratio Lower Upper

117 100

82 52.3 44.8 67.2

119 31.9 25.4 38.2



#64

Tetrachloroethene

Concen: 5.048 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY012194.D

Acq: 16 Jan 2023 12:17

Tgt Ion:164 Resp: 12555

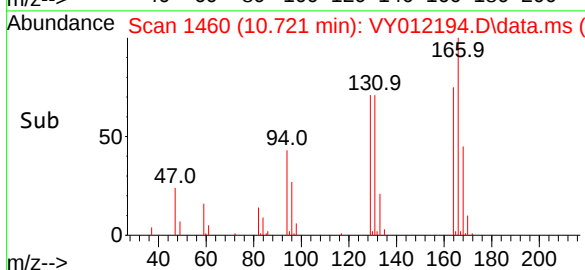
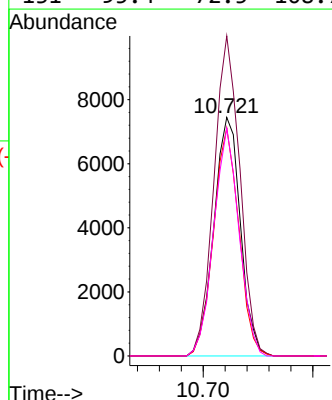
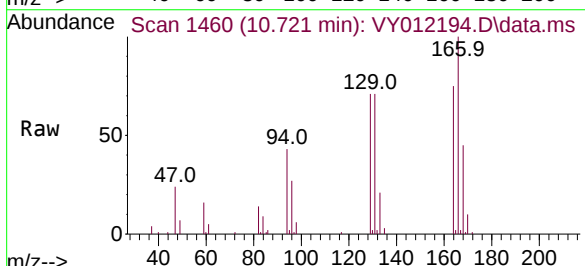
Ion Ratio Lower Upper

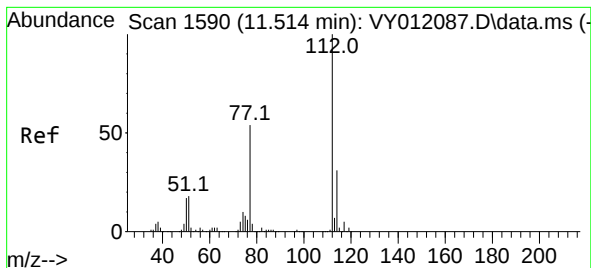
164 100

166 134.2 102.3 153.5

129 95.6 77.2 115.8

131 95.4 72.5 108.7





#65

Chlorobenzene

Concen: 5.362 ug/l

RT: 11.520 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY012194.D

Acq: 16 Jan 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

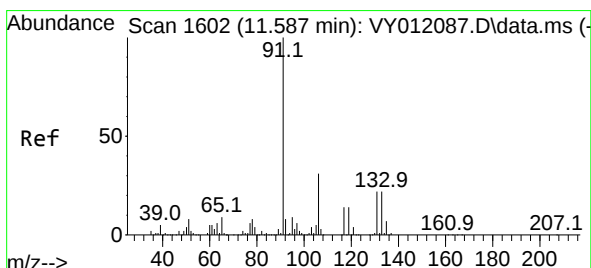
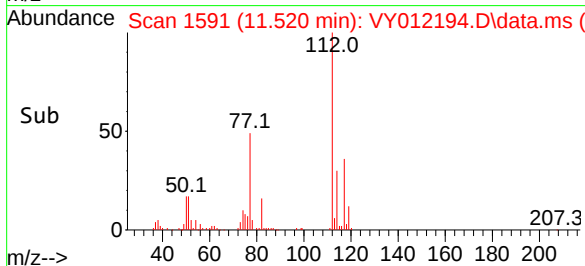
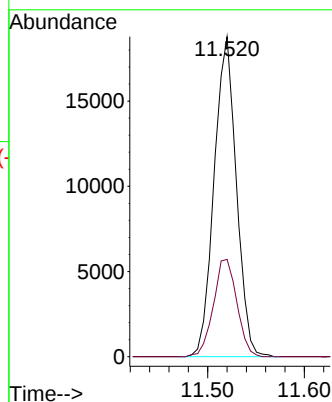
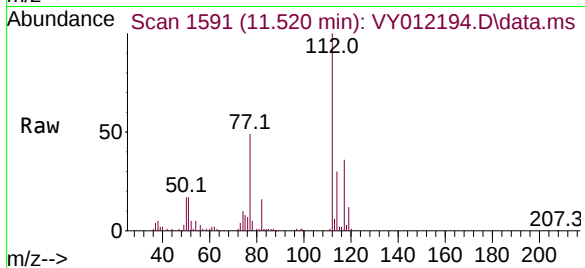
VSTDIC005

Tgt Ion:112 Resp: 29902

Ion Ratio Lower Upper

112 100

114 30.4 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 4.986 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY012194.D

Acq: 16 Jan 2023 12:17

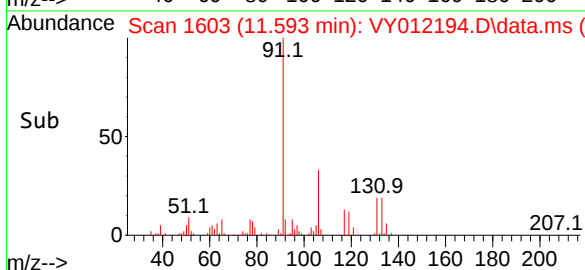
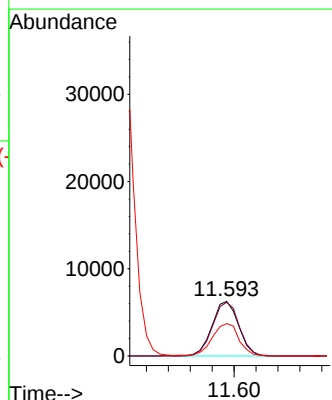
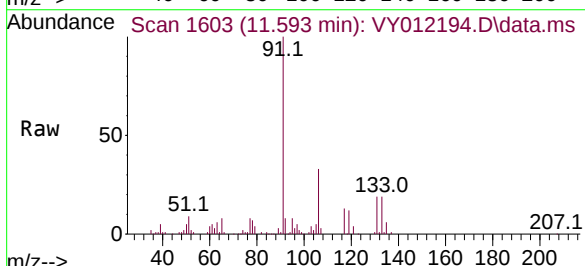
Tgt Ion:131 Resp: 10495

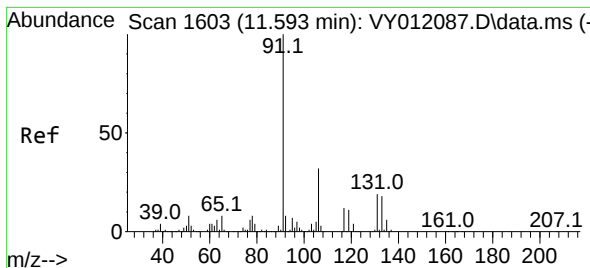
Ion Ratio Lower Upper

131 100

133 99.3 47.3 142.0

119 60.1 32.1 96.3





#67

Ethyl Benzene

Concen: 5.132 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY012194.D

Acq: 16 Jan 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

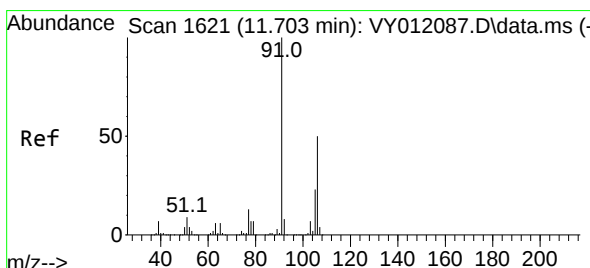
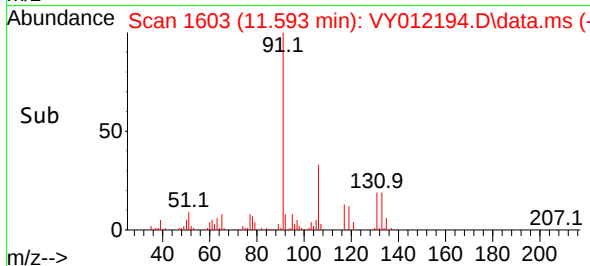
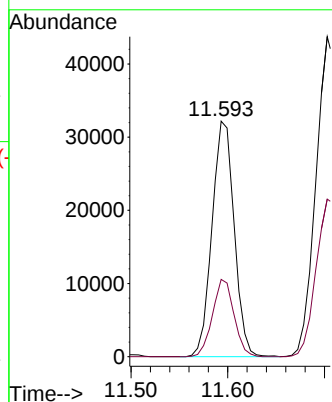
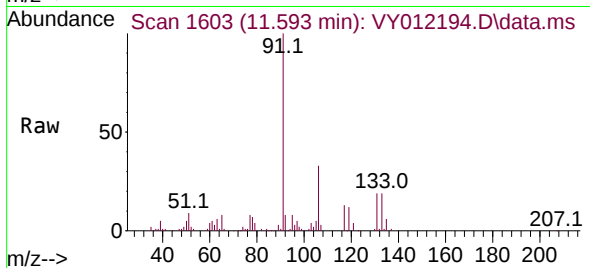
VSTDIC005

Tgt Ion: 91 Resp: 51147

Ion Ratio Lower Upper

91 100

106 32.8 25.0 37.4



#68

m/p-Xylenes

Concen: 10.127 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY012194.D

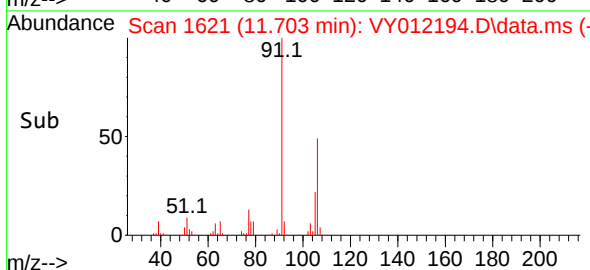
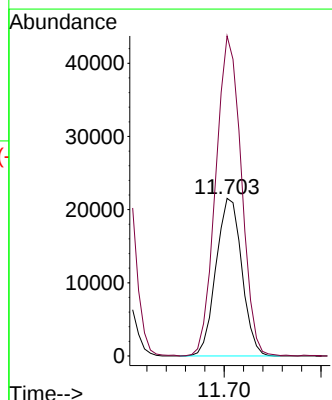
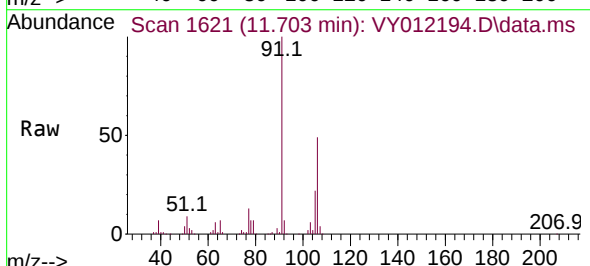
Acq: 16 Jan 2023 12:17

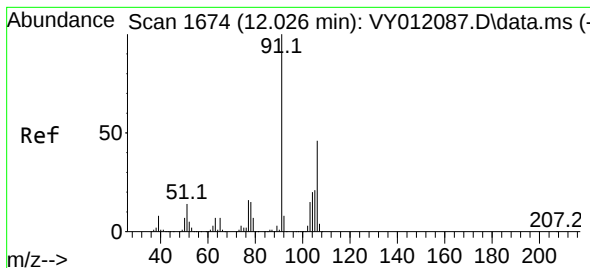
Tgt Ion: 106 Resp: 39906

Ion Ratio Lower Upper

106 100

91 201.8 162.5 243.7





#69

o-Xylene

Concen: 5.115 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY012194.D

Acq: 16 Jan 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

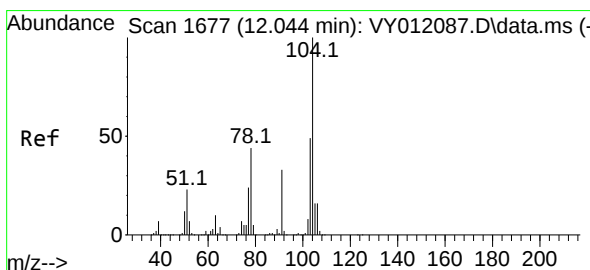
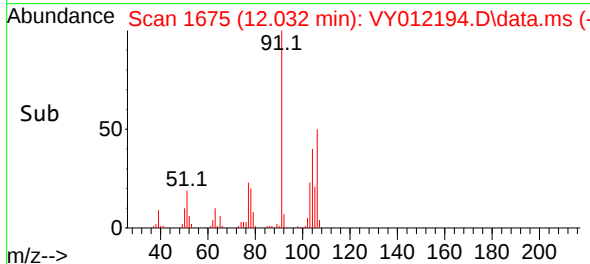
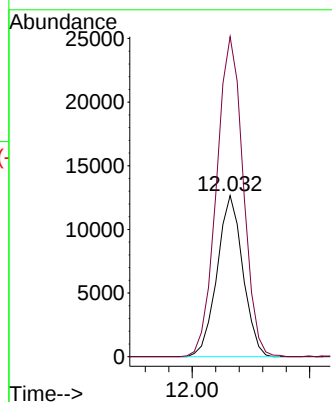
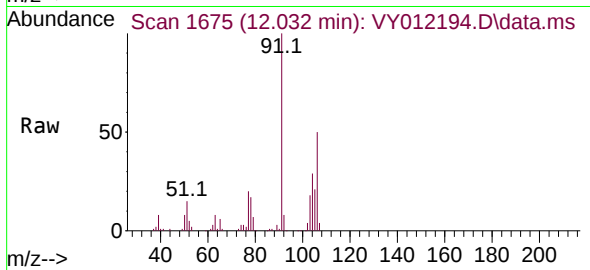
VSTDIC005

Tgt Ion:106 Resp: 19253

Ion Ratio Lower Upper

106 100

91 205.9 107.5 322.4



#70

Styrene

Concen: 4.941 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.006 min

Lab File: VY012194.D

Acq: 16 Jan 2023 12:17

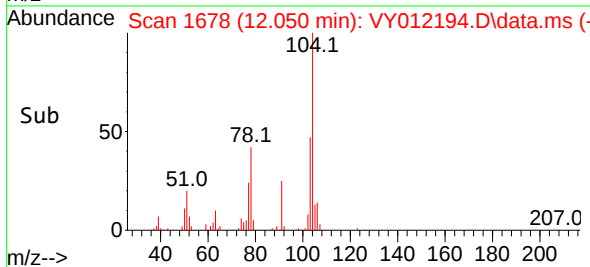
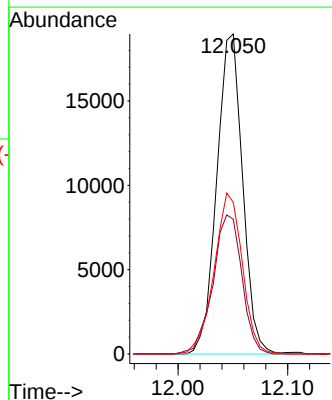
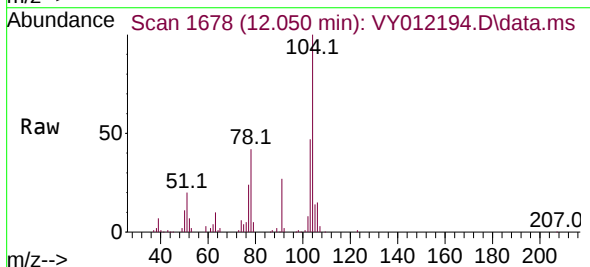
Tgt Ion:104 Resp: 31073

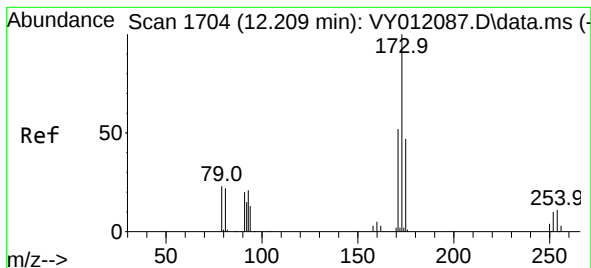
Ion Ratio Lower Upper

104 100

78 48.7 39.4 59.0

103 54.9 43.0 64.4





#71

Bromoform

Concen: 4.604 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012194.D

Acq: 16 Jan 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

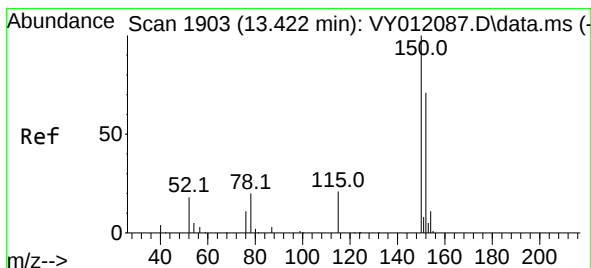
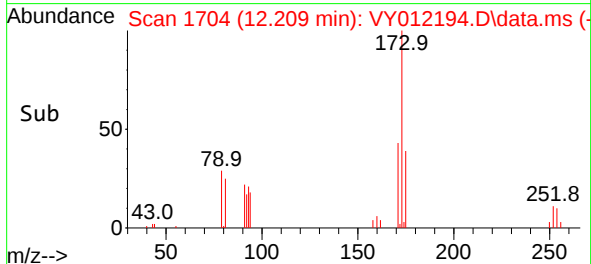
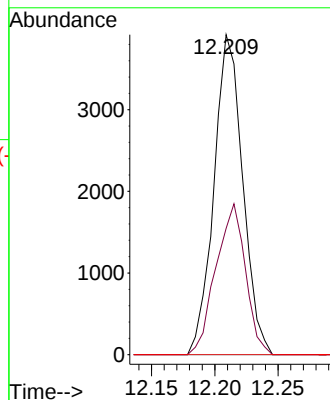
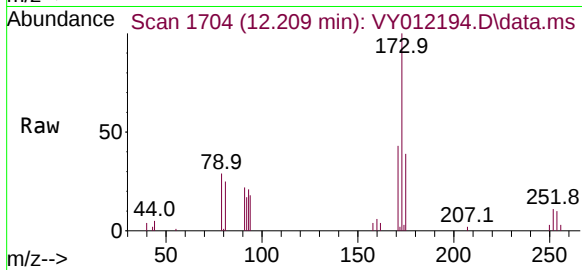
Tgt Ion:173 Resp: 6191

Ion Ratio Lower Upper

173 100

175 48.4 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: VY012194.D

Acq: 16 Jan 2023 12:17

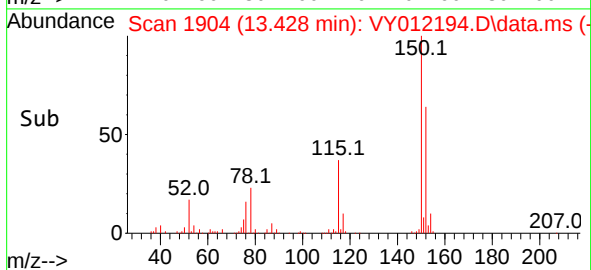
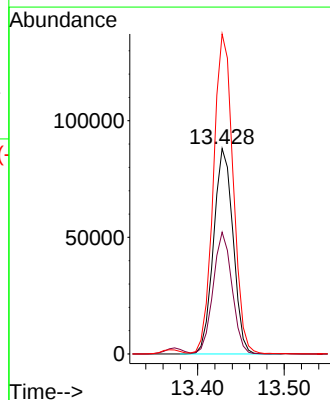
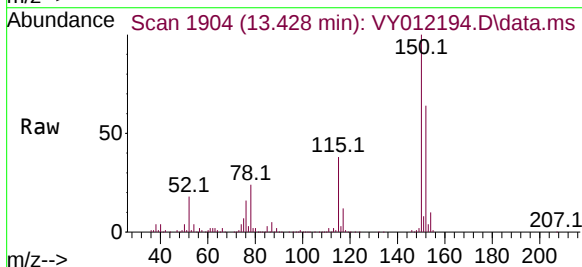
Tgt Ion:152 Resp: 137512

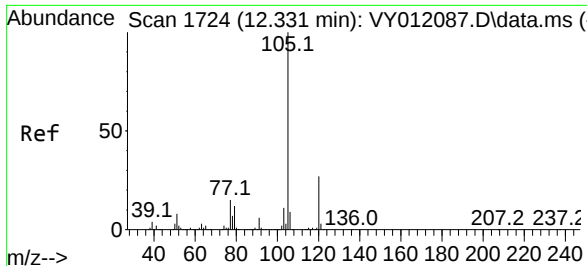
Ion Ratio Lower Upper

152 100

115 57.6 29.1 87.3

150 158.0 0.0 342.6

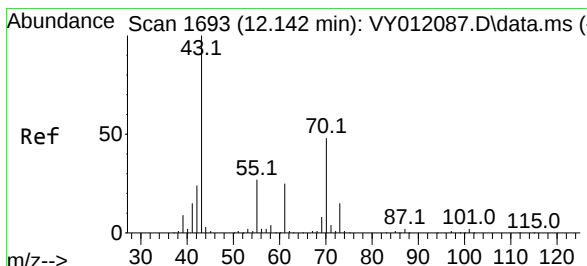
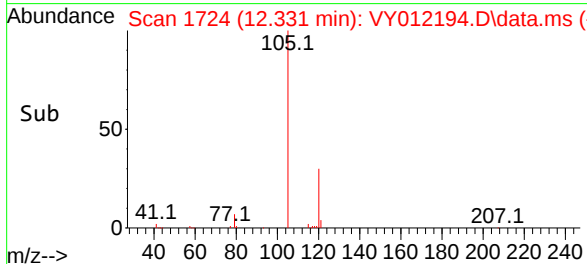
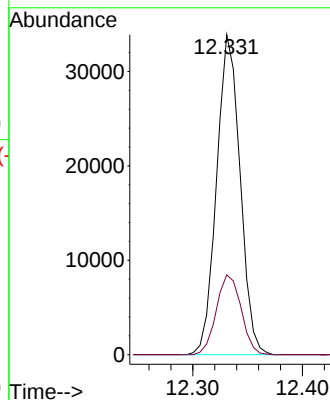
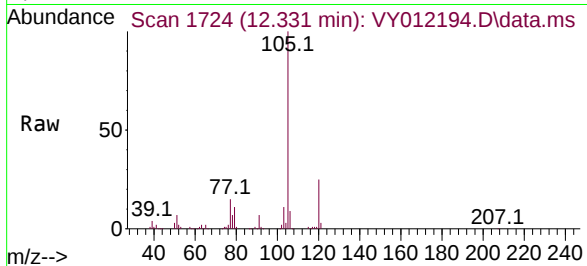




#73
Isopropylbenzene
Concen: 5.092 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012194.D
Acq: 16 Jan 2023 12:17

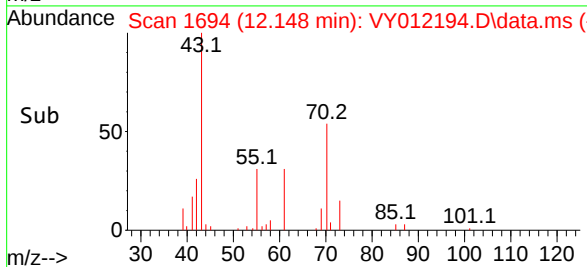
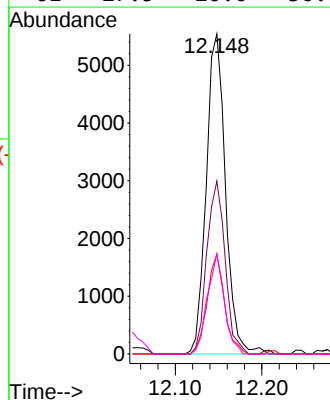
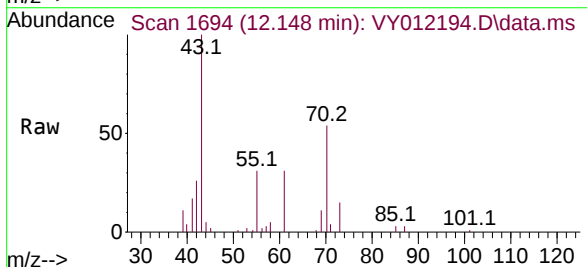
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

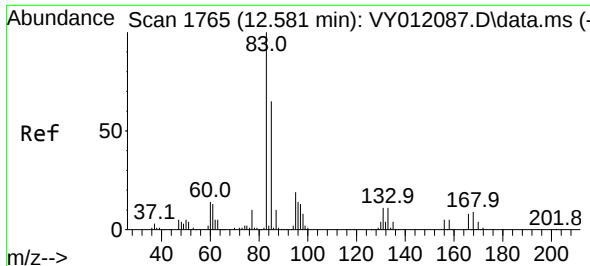
Tgt Ion:105 Resp: 50493
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.6



#74
N-ethyl acetate
Concen: 4.408 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY012194.D
Acq: 16 Jan 2023 12:17

Tgt Ion: 43 Resp: 8569
Ion Ratio Lower Upper
43 100
70 51.3 35.8 53.8
55 28.1 21.0 31.4
61 27.5 20.0 30.0

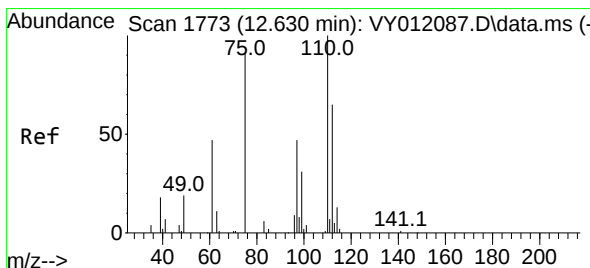
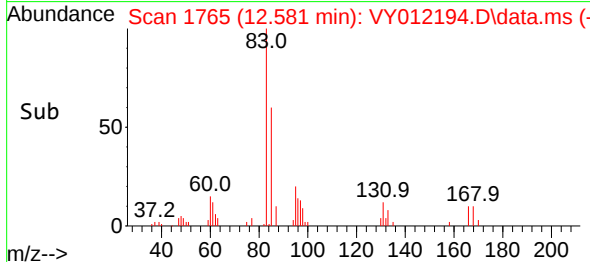
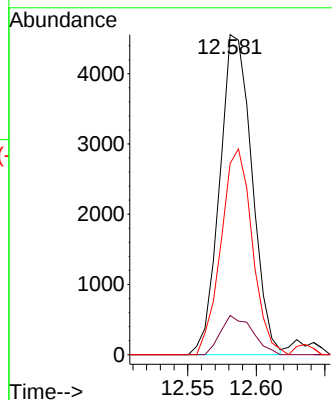
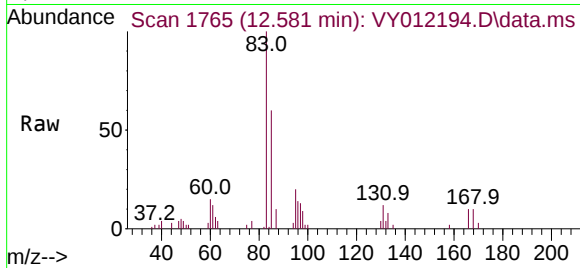




#75
1,1,2,2-Tetrachloroethane
Concen: 4.785 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY012194.D
Acq: 16 Jan 2023 12:17

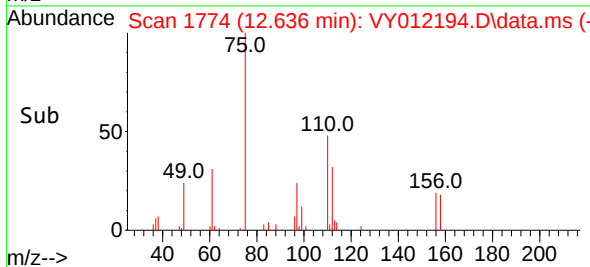
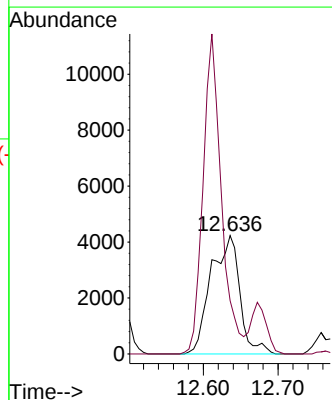
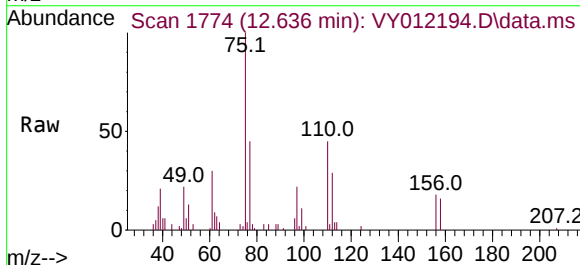
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

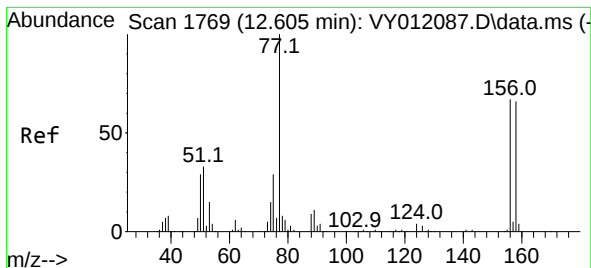
Tgt Ion: 83 Resp: 7474
Ion Ratio Lower Upper
83 100
131 12.0 5.6 16.8
85 62.3 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 8.998 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VY012194.D
Acq: 16 Jan 2023 12:17

Tgt Ion: 75 Resp: 11378
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 5.275 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY012194.D

Acq: 16 Jan 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

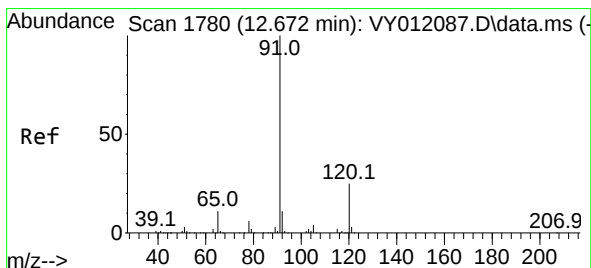
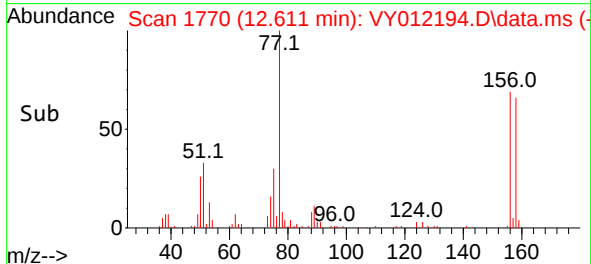
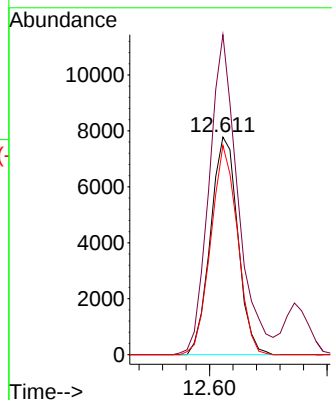
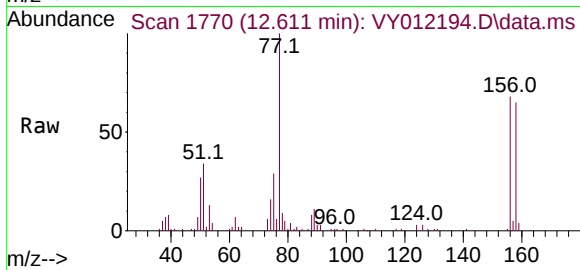
Tgt Ion:156 Resp: 12586

Ion Ratio Lower Upper

156 100

77 155.0 90.0 270.0

158 93.9 48.4 145.2



#78

n-propylbenzene

Concen: 5.187 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY012194.D

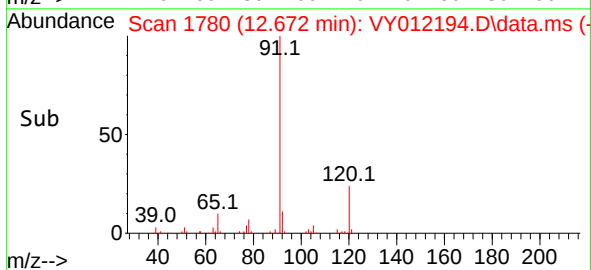
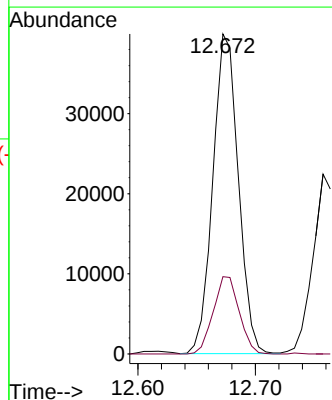
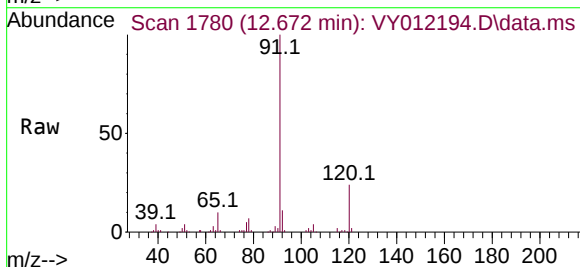
Acq: 16 Jan 2023 12:17

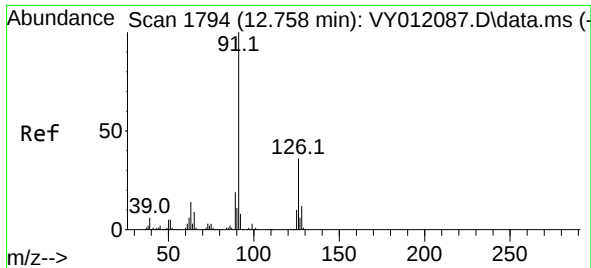
Tgt Ion: 91 Resp: 60181

Ion Ratio Lower Upper

91 100

120 24.6 11.8 35.4

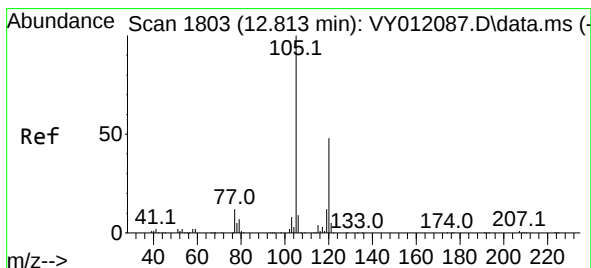
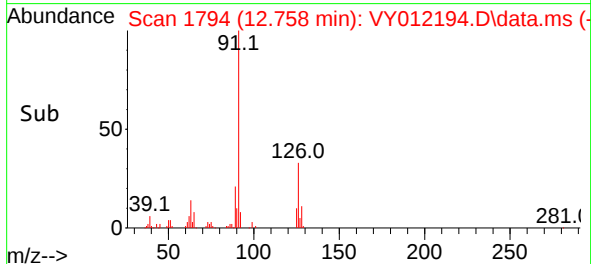
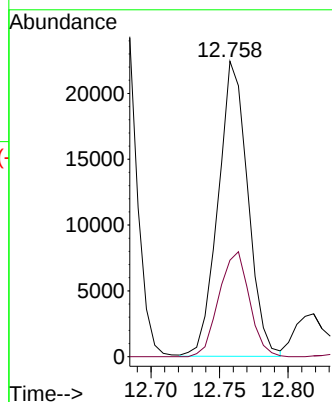
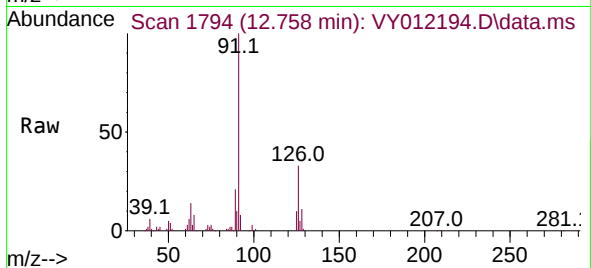




#79
2-Chlorotoluene
Concen: 5.165 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY012194.D
Acq: 16 Jan 2023 12:17

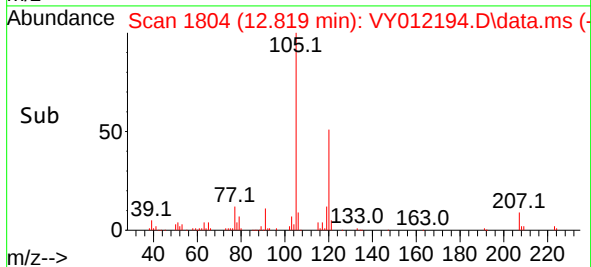
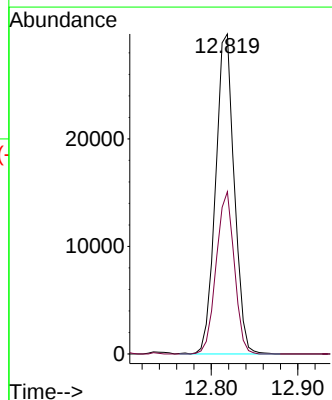
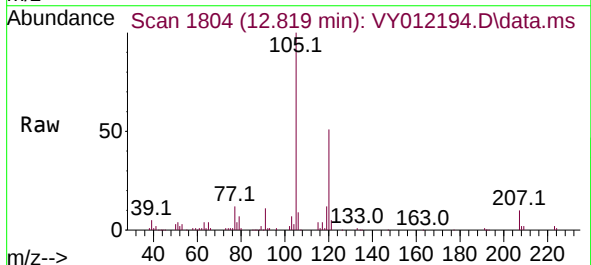
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

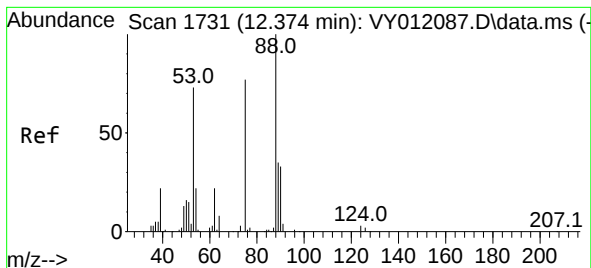
Tgt Ion: 91 Resp: 33883
Ion Ratio Lower Upper
91 100
126 36.3 17.2 51.5



#80
1,3,5-Trimethylbenzene
Concen: 5.159 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY012194.D
Acq: 16 Jan 2023 12:17

Tgt Ion: 105 Resp: 44469
Ion Ratio Lower Upper
105 100
120 49.2 24.2 72.6

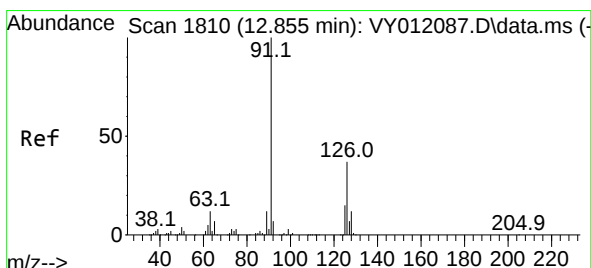
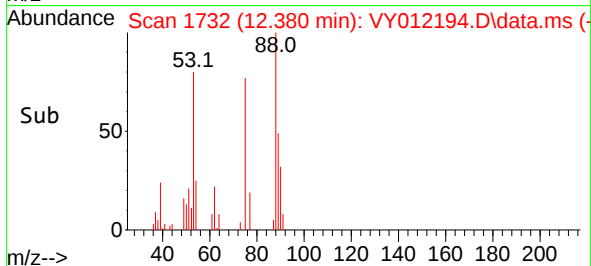
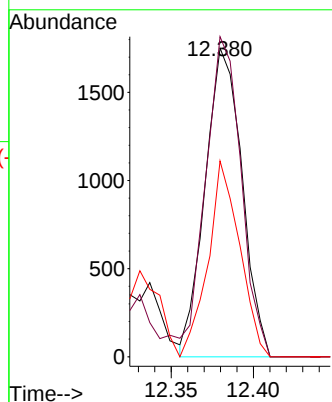
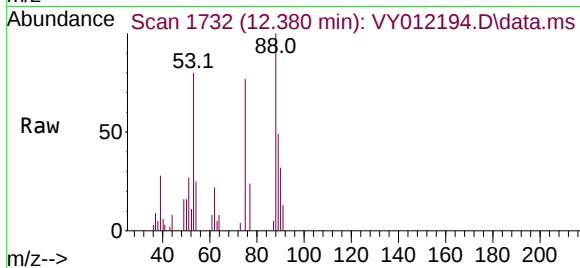




#81
trans-1,4-Dichloro-2-butene
Concen: 4.448 ug/l
RT: 12.380 min Scan# 1731
Delta R.T. 0.006 min
Lab File: VY012194.D
Acq: 16 Jan 2023 12:17

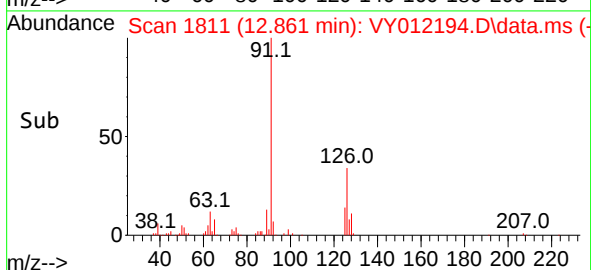
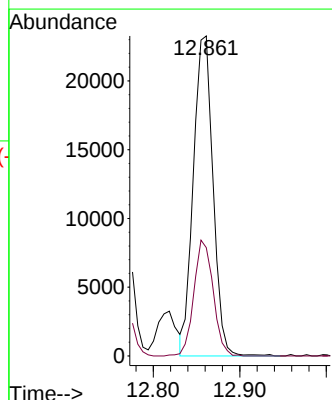
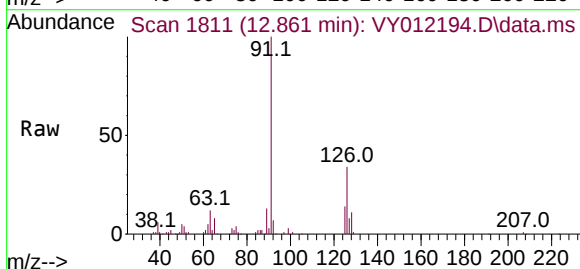
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

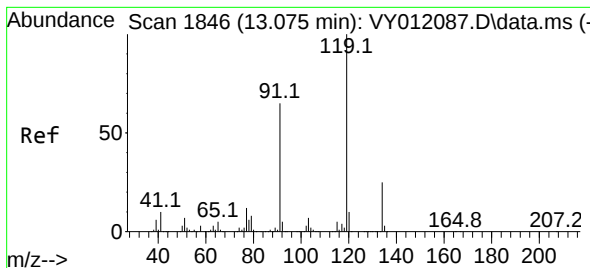
Tgt Ion: 75 Resp: 2730
Ion Ratio Lower Upper
75 100
53 98.8 72.5 108.7
89 54.3 37.0 55.4



#82
4-Chlorotoluene
Concen: 5.323 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY012194.D
Acq: 16 Jan 2023 12:17

Tgt Ion: 91 Resp: 36685
Ion Ratio Lower Upper
91 100
126 35.6 17.1 51.2





#83

tert-Butylbenzene

Concen: 5.115 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY012194.D

Acq: 16 Jan 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

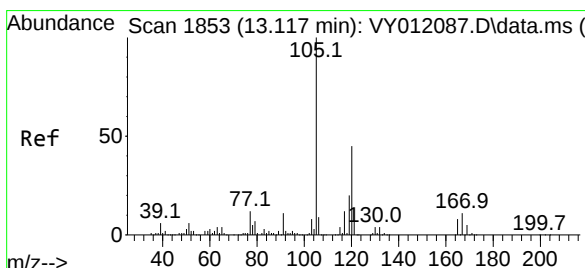
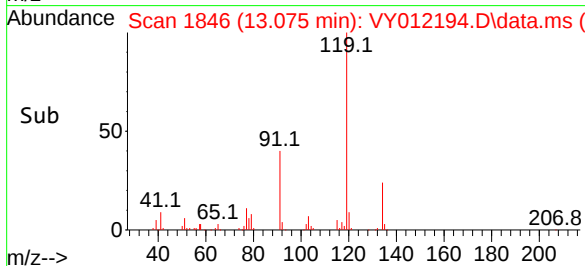
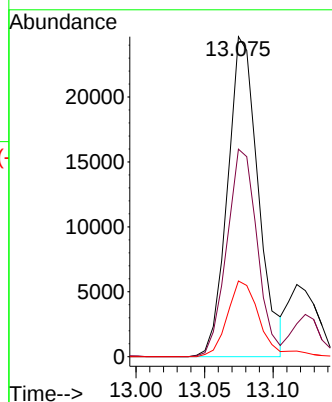
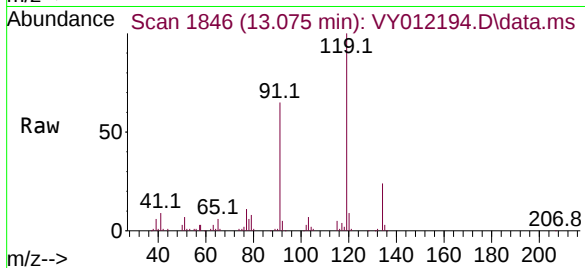
Tgt Ion:119 Resp: 38430

Ion Ratio Lower Upper

119 100

91 64.2 32.3 96.8

134 25.2 13.0 39.0



#84

1,2,4-Trimethylbenzene

Concen: 4.992 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY012194.D

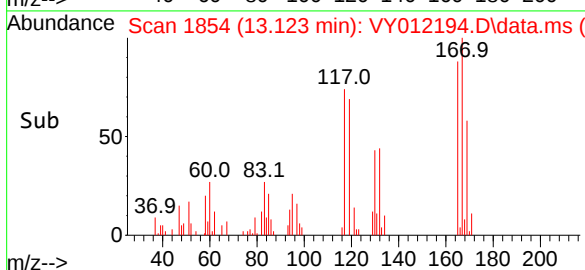
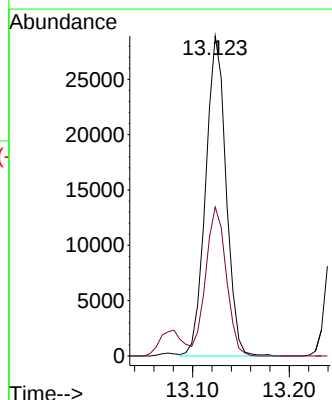
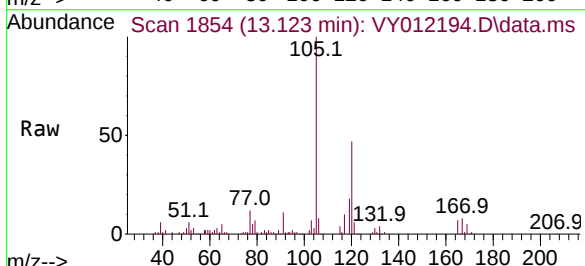
Acq: 16 Jan 2023 12:17

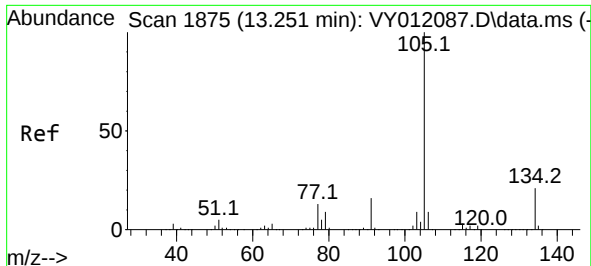
Tgt Ion:105 Resp: 42436

Ion Ratio Lower Upper

105 100

120 46.7 22.9 68.7

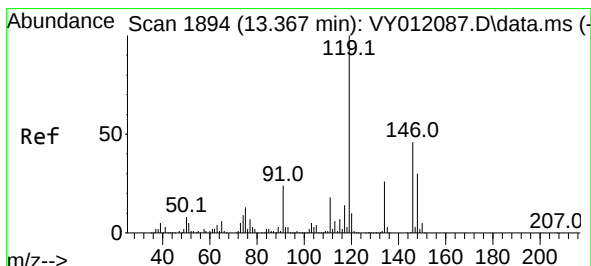
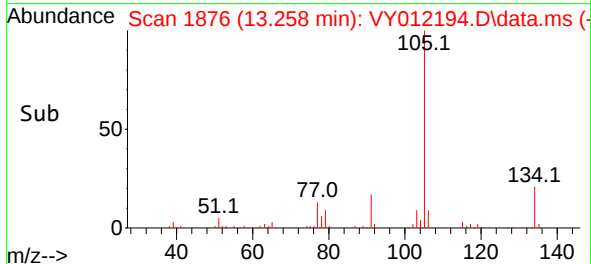
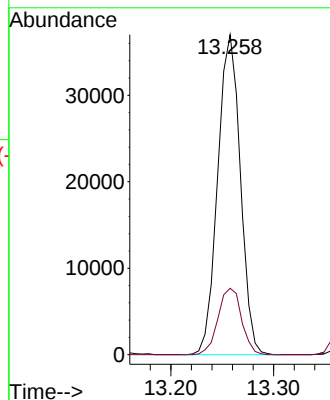
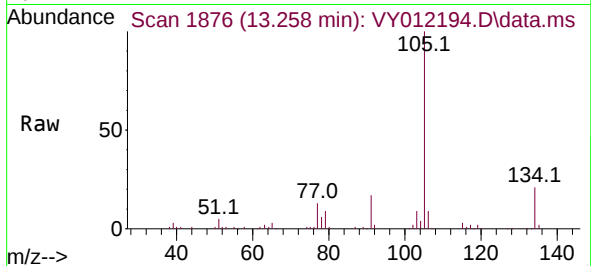




#85
 sec-Butylbenzene
 Concen: 5.294 ug/l
 RT: 13.258 min Scan# 1875
 Delta R.T. 0.007 min
 Lab File: VY012194.D
 Acq: 16 Jan 2023 12:17

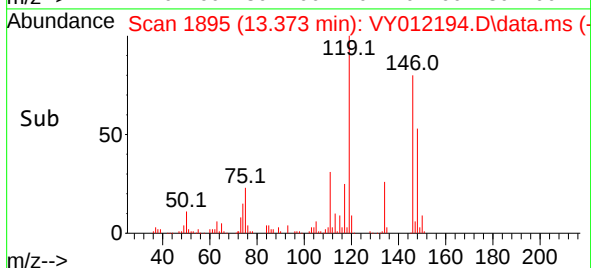
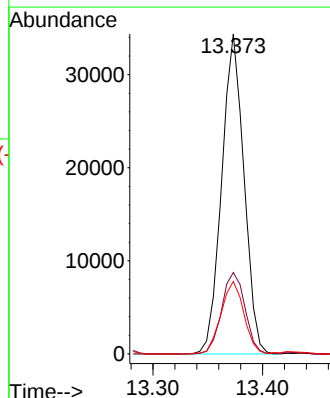
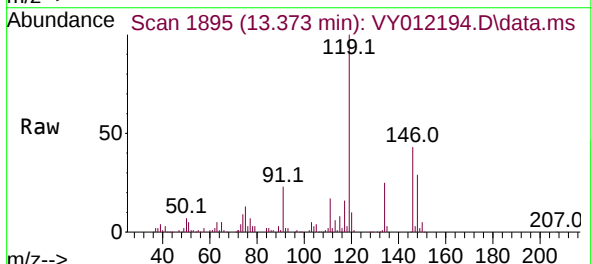
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

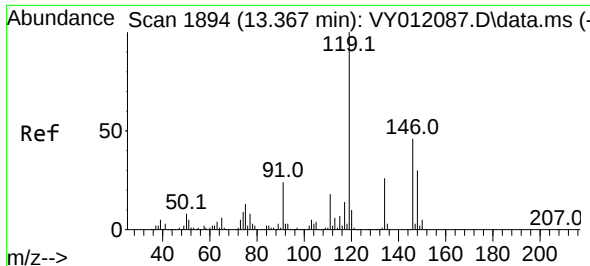
Tgt Ion:105 Resp: 56632
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 5.194 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY012194.D
 Acq: 16 Jan 2023 12:17

Tgt Ion:119 Resp: 48543
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.0 39.0
 91 23.4 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 5.323 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012194.D

Acq: 16 Jan 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

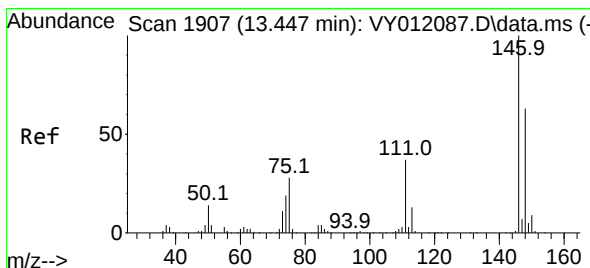
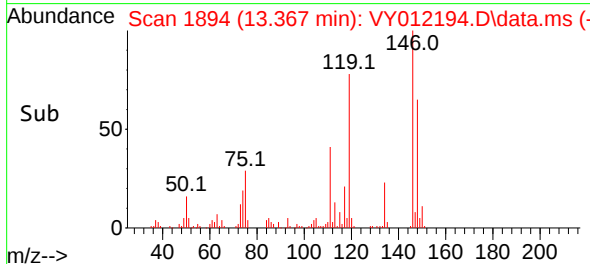
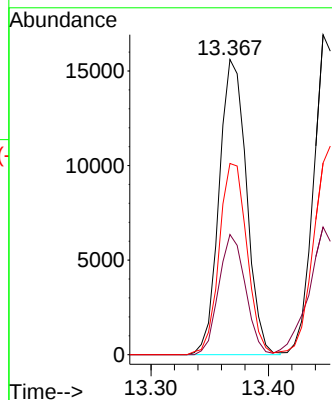
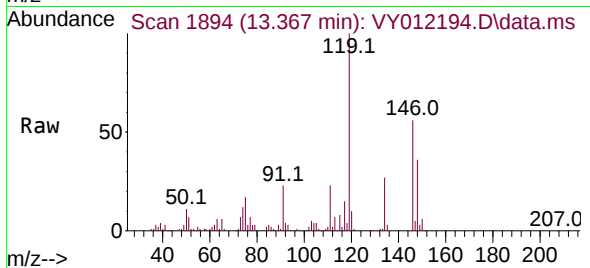
Tgt Ion:146 Resp: 25260

Ion Ratio Lower Upper

146 100

111 39.7 19.7 59.0

148 65.5 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 5.486 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY012194.D

Acq: 16 Jan 2023 12:17

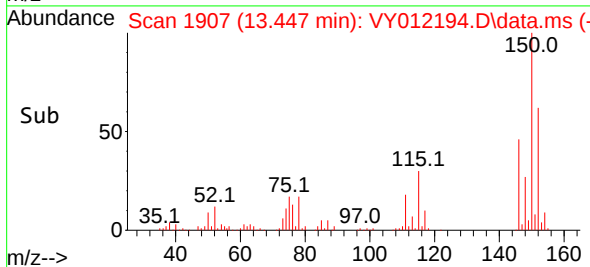
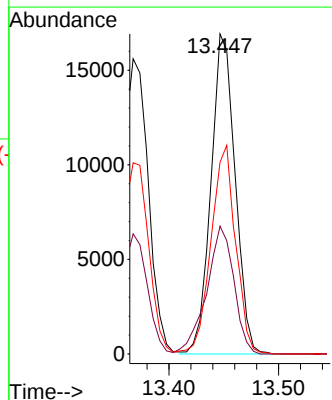
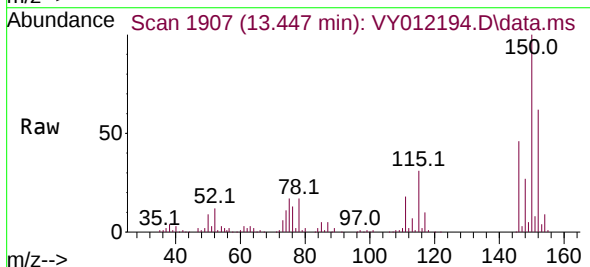
Tgt Ion:146 Resp: 25962

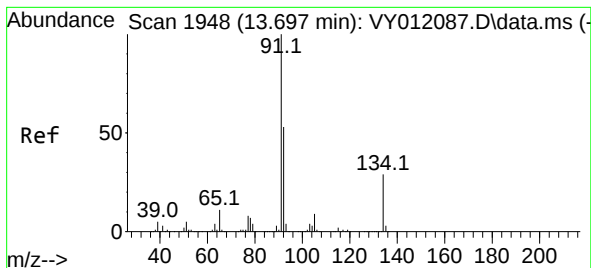
Ion Ratio Lower Upper

146 100

111 44.9 19.6 58.7

148 66.3 31.9 95.7





#89

n-Butylbenzene

Concen: 5.248 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY012194.D

Acq: 16 Jan 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

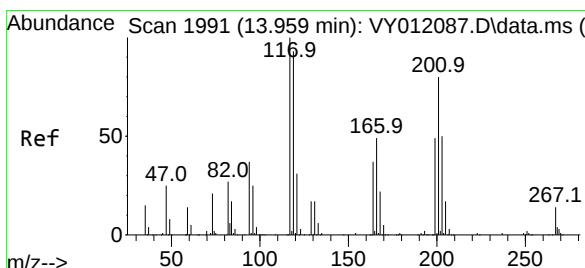
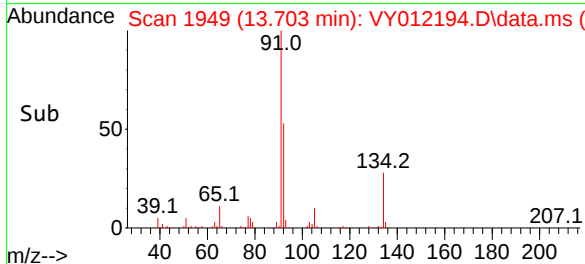
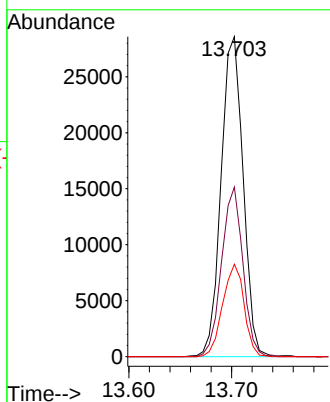
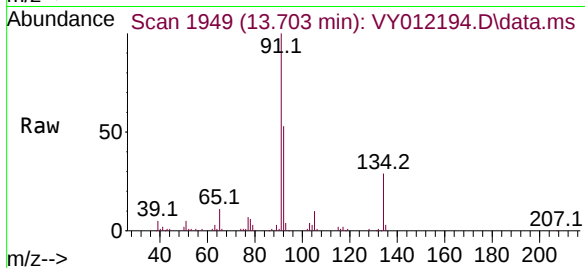
Tgt Ion: 91 Resp: 42501

Ion Ratio Lower Upper

91 100

92 51.4 26.8 80.4

134 28.1 13.3 39.8



#90

Hexachloroethane

Concen: 5.432 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY012194.D

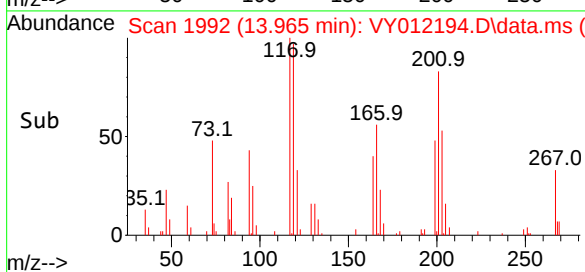
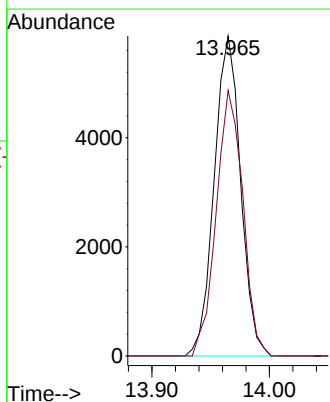
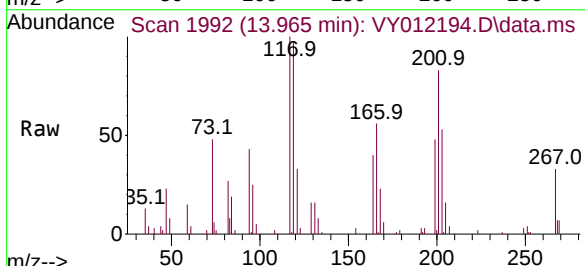
Acq: 16 Jan 2023 12:17

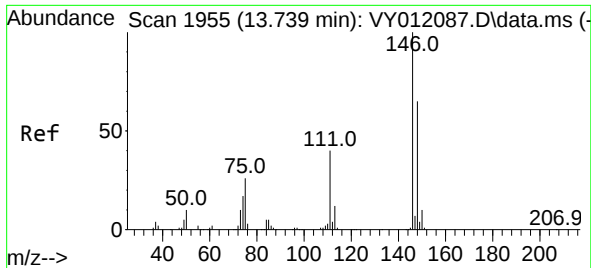
Tgt Ion: 117 Resp: 9164

Ion Ratio Lower Upper

117 100

201 83.8 40.3 120.8

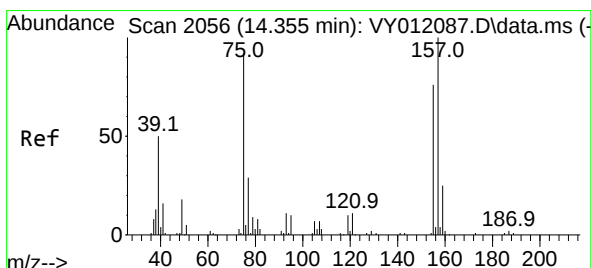
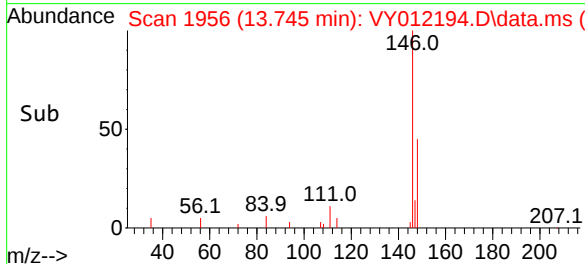
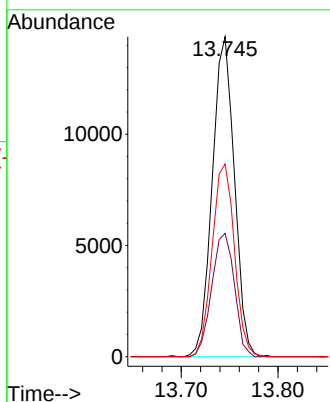
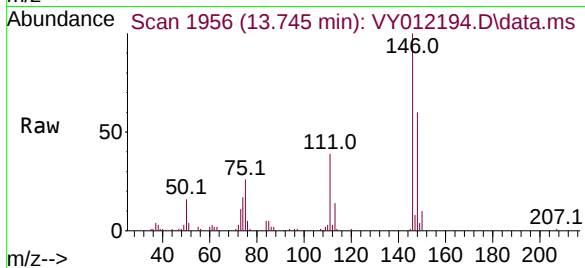




#91
1,2-Dichlorobenzene
Concen: 5.392 ug/l
RT: 13.745 min Scan# 1955
Delta R.T. 0.006 min
Lab File: VY012194.D
Acq: 16 Jan 2023 12:17

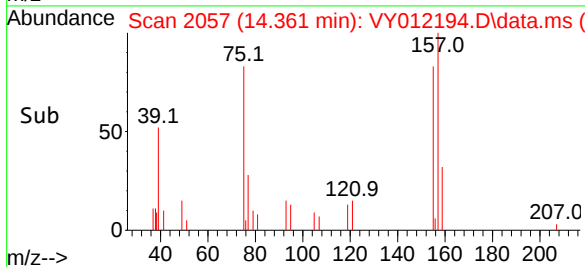
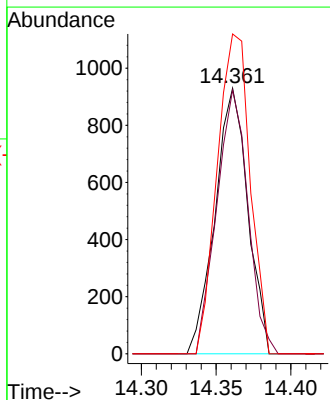
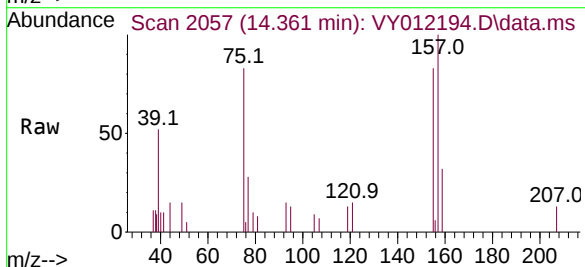
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

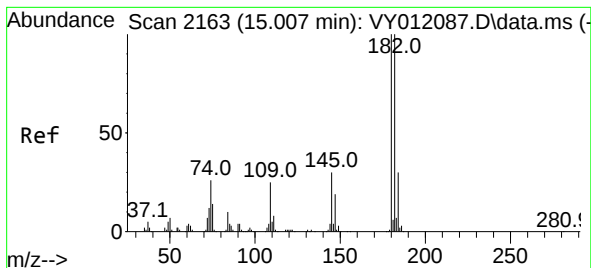
Tgt Ion:146	Resp:	22831
Ion Ratio	Lower	Upper
146	100	
111	39.5	20.3 60.8
148	61.1	31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.390 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY012194.D
Acq: 16 Jan 2023 12:17

Tgt Ion: 75	Resp:	1417
Ion Ratio	Lower	Upper
75	100	
155	94.4	42.3 126.8
157	121.3	54.4 163.3





#93

1,2,4-Trichlorobenzene

Concen: 5.316 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY012194.D

Acq: 16 Jan 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

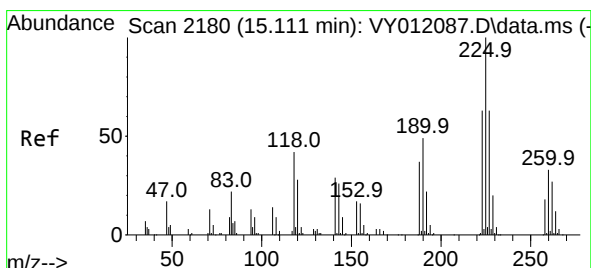
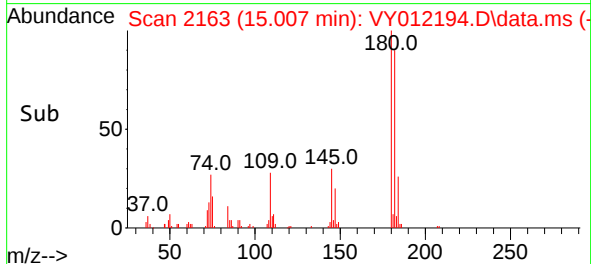
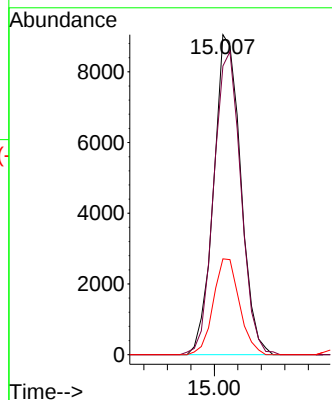
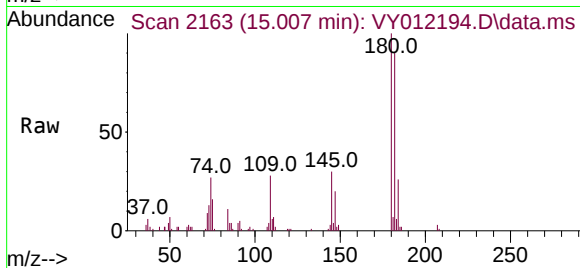
Tgt Ion:180 Resp: 14422

Ion Ratio Lower Upper

180 100

182 95.1 48.1 144.3

145 28.9 15.4 46.4



#94

Hexachlorobutadiene

Concen: 5.578 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY012194.D

Acq: 16 Jan 2023 12:17

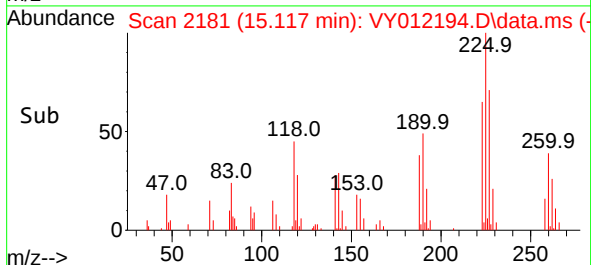
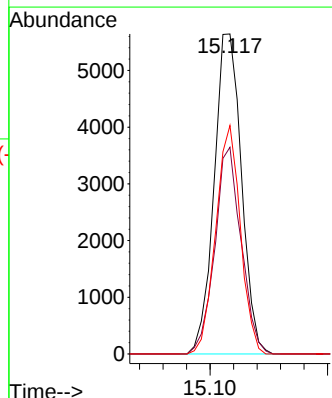
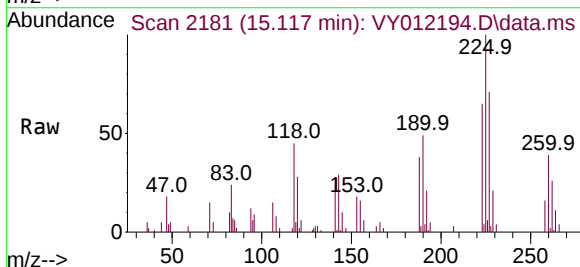
Tgt Ion:225 Resp: 9112

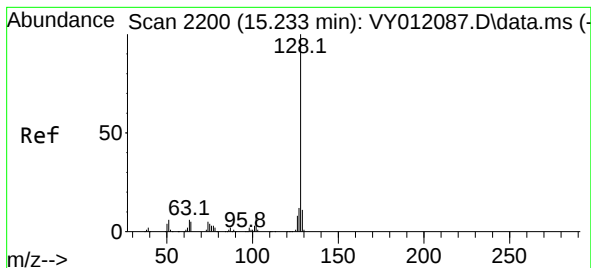
Ion Ratio Lower Upper

225 100

223 62.3 31.4 94.2

227 64.5 32.6 97.8





#95

Naphthalene

Concen: 4.689 ug/l

RT: 15.245 min Scan# 21

Delta R.T. 0.012 min

Lab File: VY012194.D

Acq: 16 Jan 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

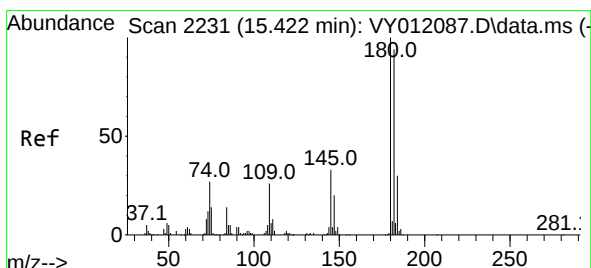
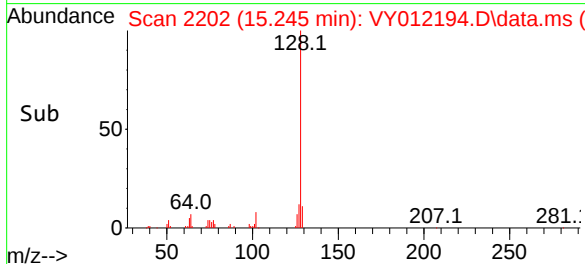
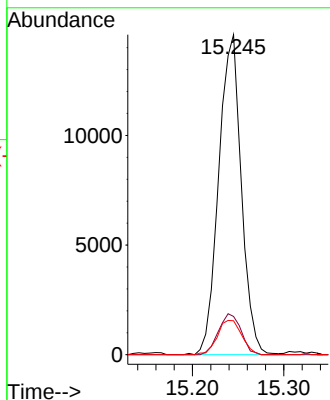
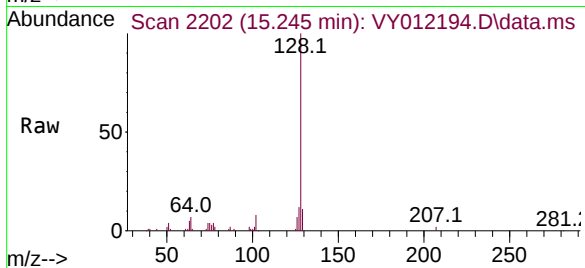
Tgt Ion:128 Resp: 25109

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 11.5 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 5.127 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY012194.D

Acq: 16 Jan 2023 12:17

Tgt Ion:180 Resp: 11970

Ion Ratio Lower Upper

180 100

182 93.9 47.9 143.7

145 31.7 16.1 48.2

