

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060223\
 Data File : VY013992.D
 Acq On : 02 Jun 2023 16:07
 Operator : KP/MD
 Sample : 03008-01
 Misc : 5.66g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-18-0A

Quant Time: Jun 05 09:44:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

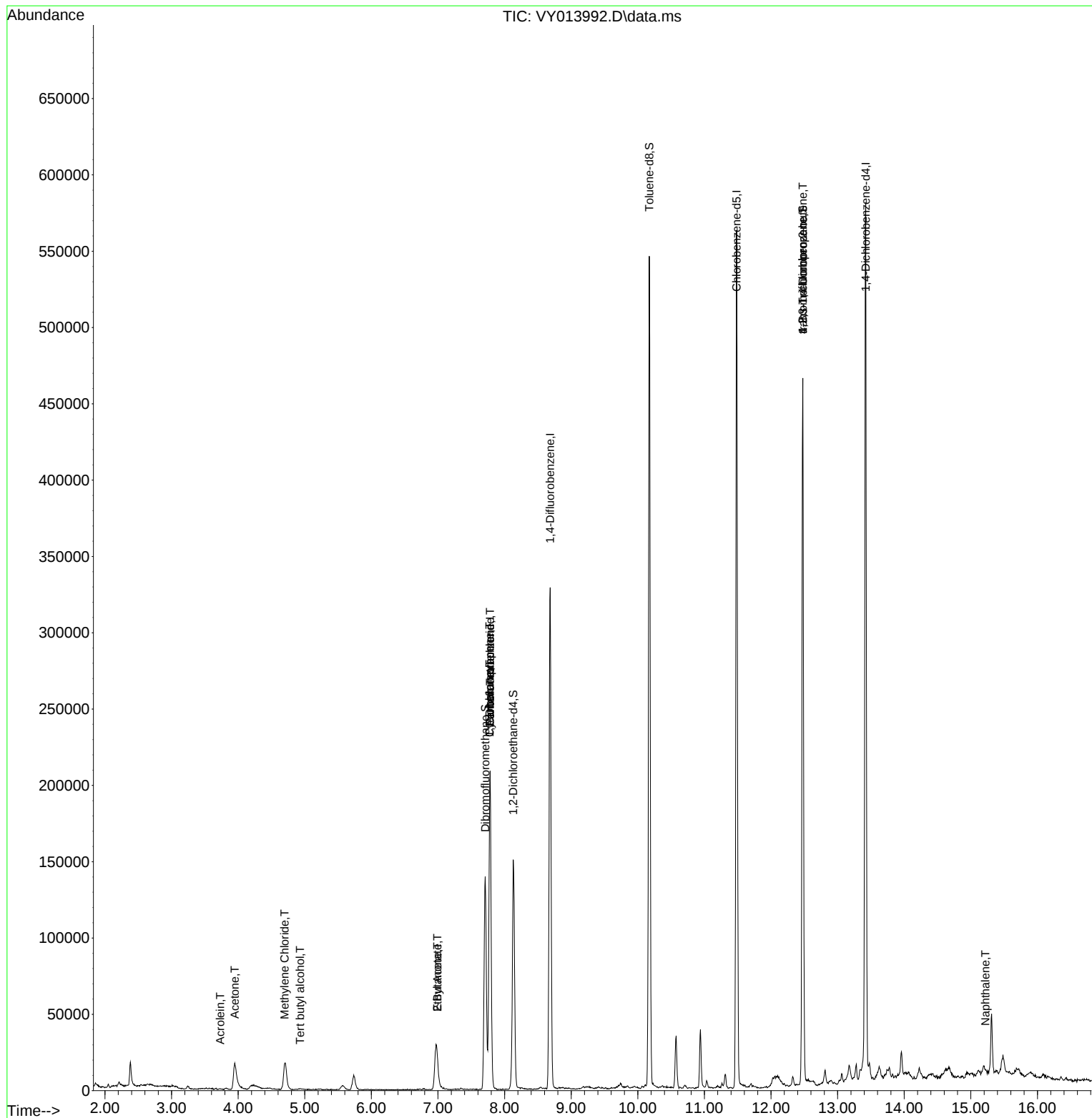
Internal Standards						
1) Pentafluorobenzene	7.783	168	159825	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	274151	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	287125	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	145385	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	121259	57.314	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.620%			
35) Dibromofluoromethane	7.710	113	95447	54.783	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.560%			
50) Toluene-d8	10.173	98	344111	51.779	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.560%			
62) 4-Bromofluorobenzene	12.477	95	127323	56.197	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 112.400%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.930	59	515	1.184	ug/l #	89
13) Acrolein	3.729	56	336	1.687	ug/l #	79
16) Acetone	3.948	43	39822	55.014	ug/l	97
20) Methylene Chloride	4.698	84	13339	3.063	ug/l	95
25) 2-Butanone	6.990	43	9132	10.127	ug/l #	80
31) Cyclohexane	7.777	56	3952	1.551	ug/l #	5
36) 1,1-Dichloropropene	7.777	75	12255	4.937	ug/l #	51
37) Ethyl Acetate	6.990	43	9132	4.220	ug/l #	81
38) Carbon Tetrachloride	7.783	117	14974	5.383	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	70467	36.018	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	70467	76.413	ug/l #	11
95) Naphthalene	15.220	128	566	3.958	ug/l #	55

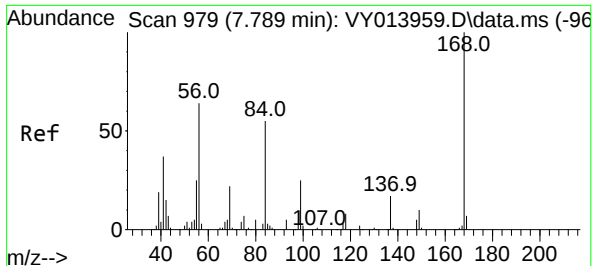
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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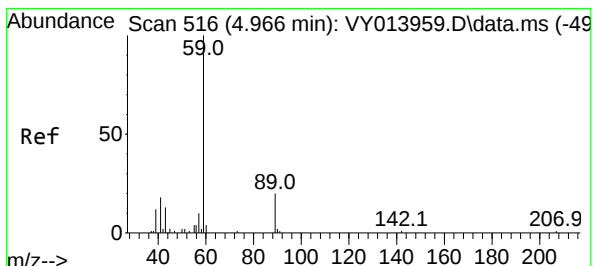
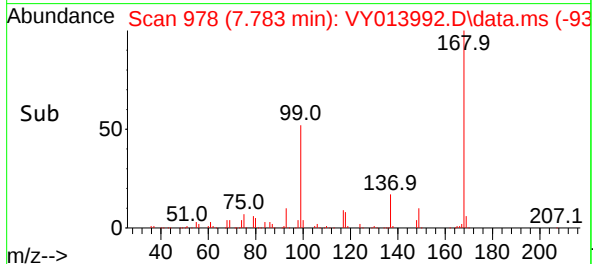
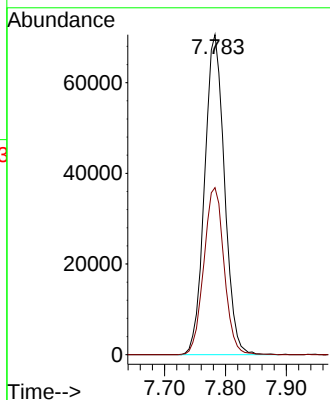
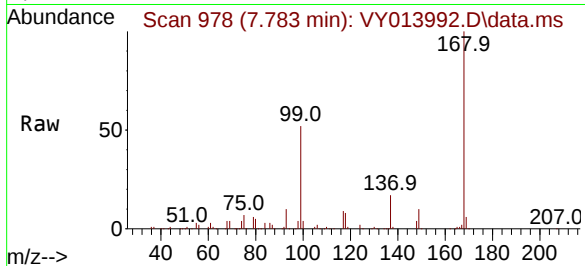




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013992.D
Acq: 02 Jun 2023 16:07

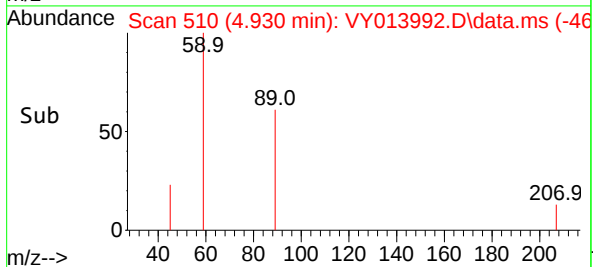
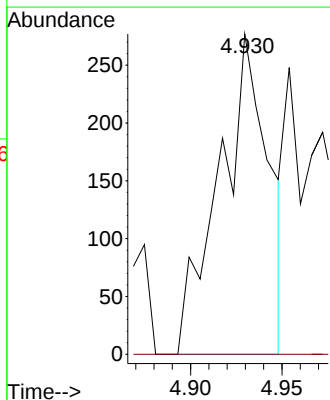
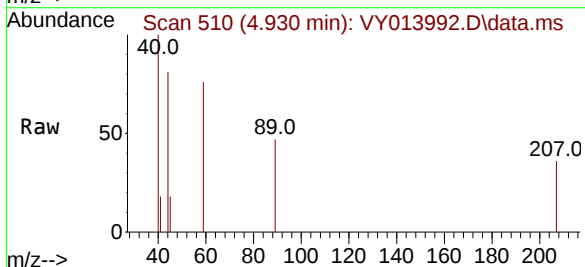
Instrument :
MSVOA_Y
ClientSampleId :
TP-18-0A

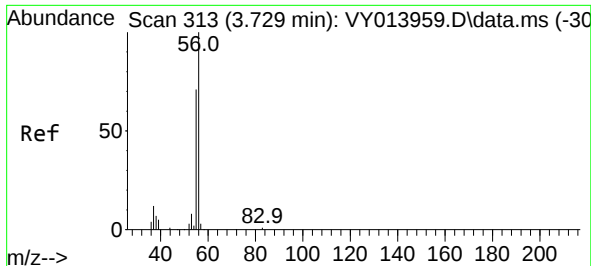
Tgt Ion:168 Resp: 159825
Ion Ratio Lower Upper
168 100
99 52.2 43.4 65.0



#11
Tert butyl alcohol
Concen: 1.184 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.036 min
Lab File: VY013992.D
Acq: 02 Jun 2023 16:07

Tgt Ion: 59 Resp: 515
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#





#13

Acrolein

Concen: 1.687 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY013992.D

Acq: 02 Jun 2023 16:07

Instrument :

MSVOA_Y

ClientSampleId :

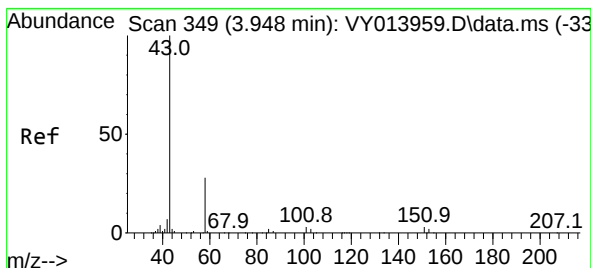
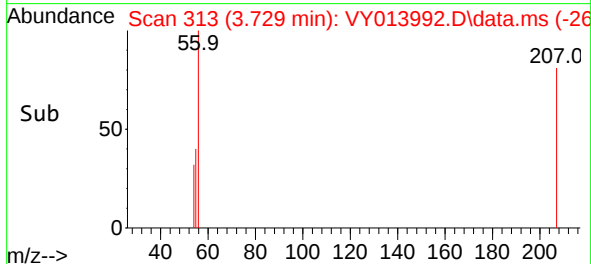
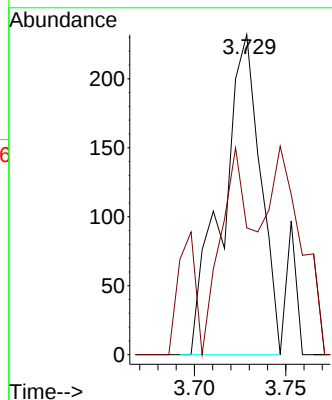
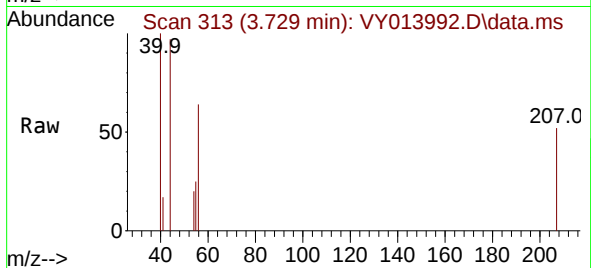
TP-18-0A

Tgt Ion: 56 Resp: 336

Ion Ratio Lower Upper

56 100

55 53.6 57.0 85.4#



#16

Acetone

Concen: 55.014 ug/l

RT: 3.948 min Scan# 349

Delta R.T. -0.000 min

Lab File: VY013992.D

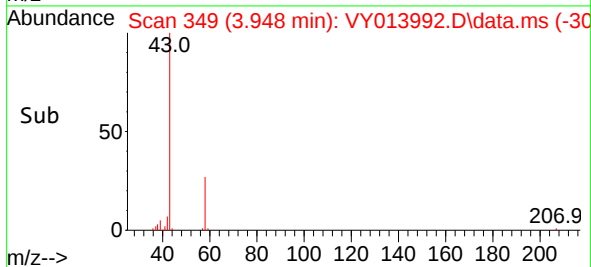
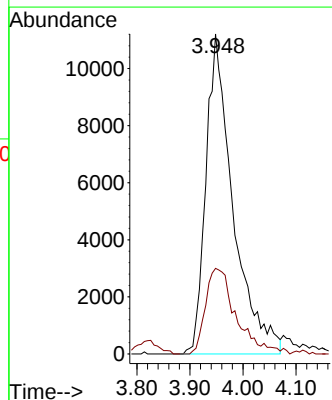
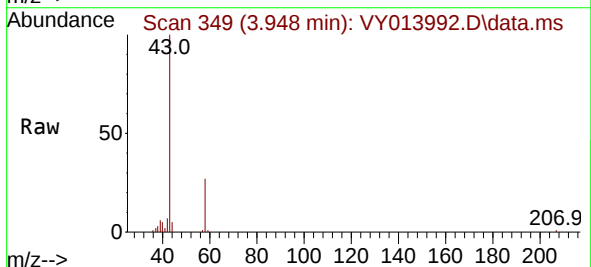
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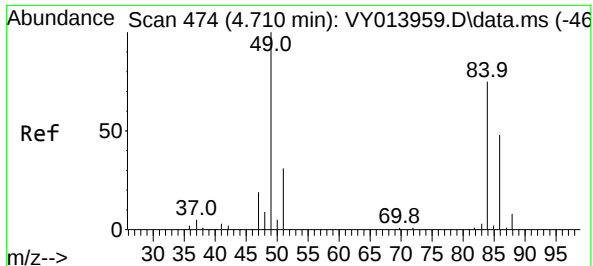
Tgt Ion: 43 Resp: 39822

Ion Ratio Lower Upper

43 100

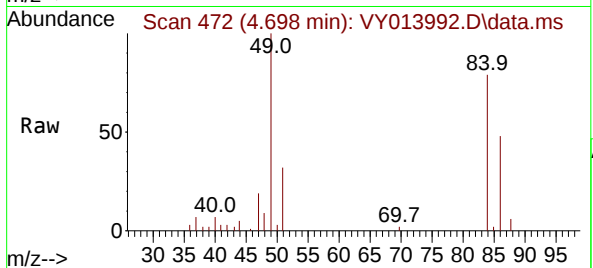
58 26.7 22.7 34.1



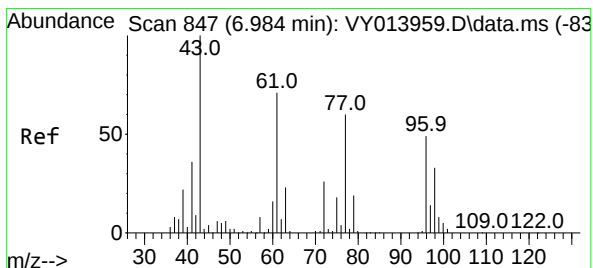
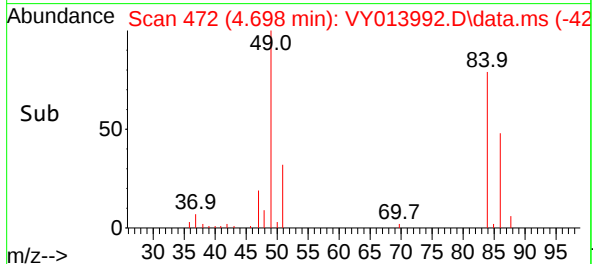
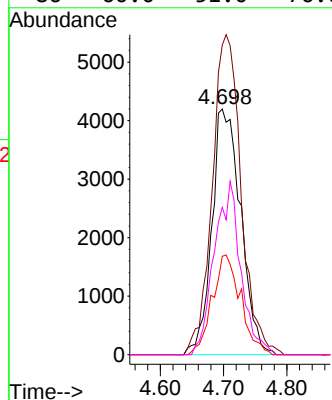


#20
Methylene Chloride
Concen: 3.063 ug/l
RT: 4.698 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY013992.D
Acq: 02 Jun 2023 16:07

Instrument :
MSVOA_Y
ClientSampleId :
TP-18-0A

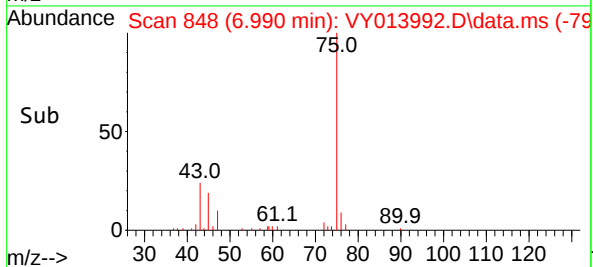
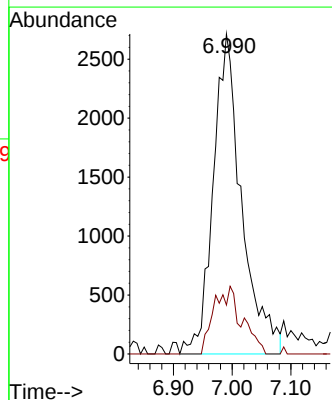
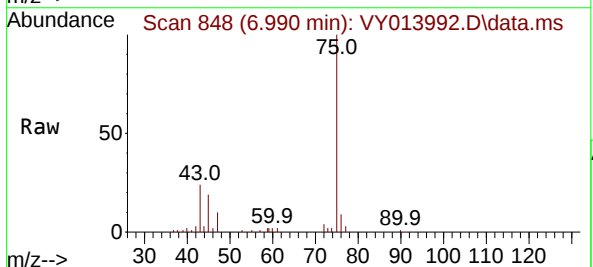


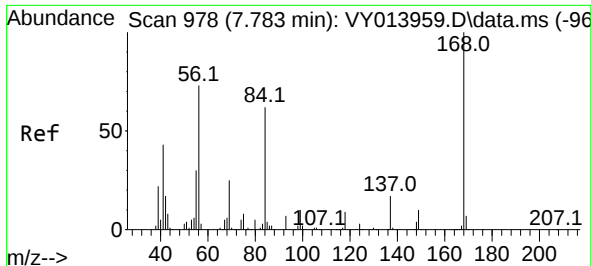
Tgt Ion:	84	Resp:	13339
Ion	Ratio	Lower	Upper
84	100		
49	126.0	106.9	160.3
51	40.0	33.2	49.8
86	60.0	51.0	76.6



#25
2-Butanone
Concen: 10.127 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY013992.D
Acq: 02 Jun 2023 16:07

Tgt Ion:	43	Resp:	9132
Ion	Ratio	Lower	Upper
43	100		
72	15.3	20.5	30.7#

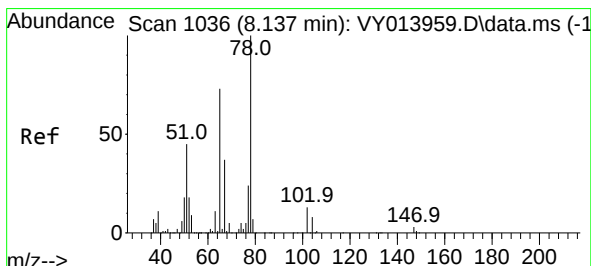
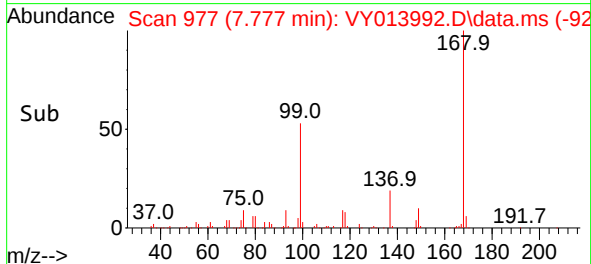
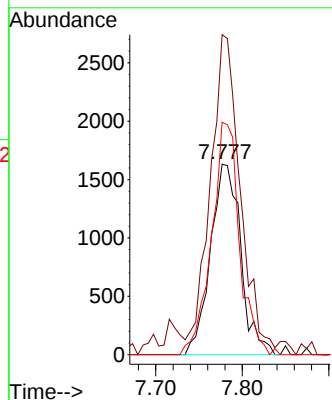
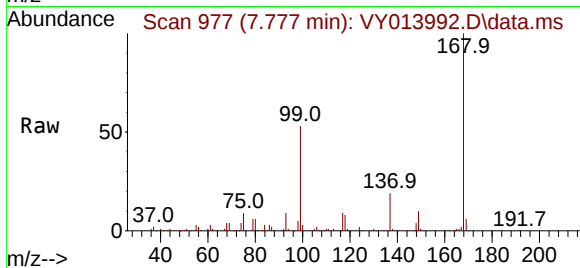




#31
Cyclohexane
Concen: 1.551 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013992.D
Acq: 02 Jun 2023 16:07

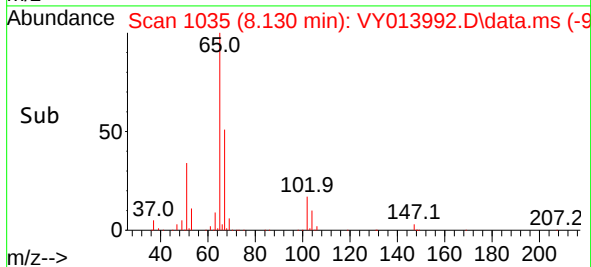
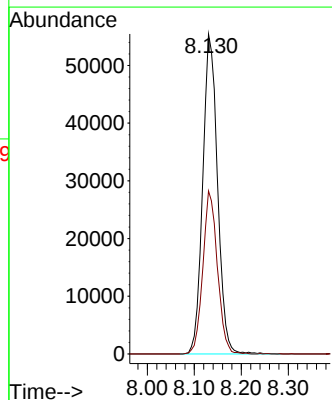
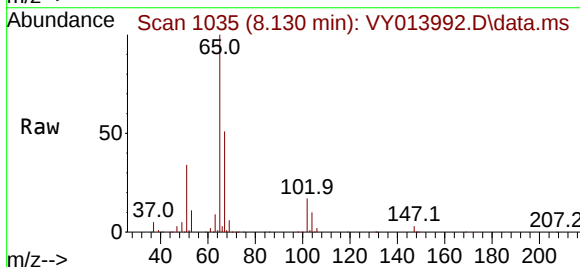
Instrument :
MSVOA_Y
ClientSampleId :
TP-18-0A

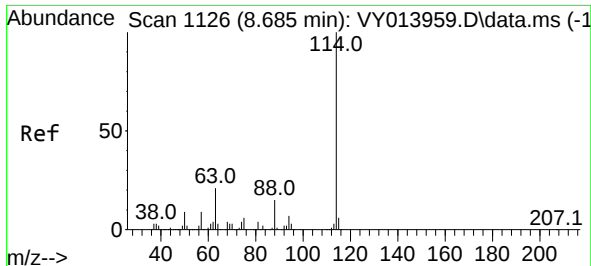
Tgt Ion: 56 Resp: 3952
Ion Ratio Lower Upper
56 100
69 161.1 27.8 41.6#
84 122.1 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 57.314 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY013992.D
Acq: 02 Jun 2023 16:07

Tgt Ion: 65 Resp: 121259
Ion Ratio Lower Upper
65 100
67 50.1 0.0 101.8

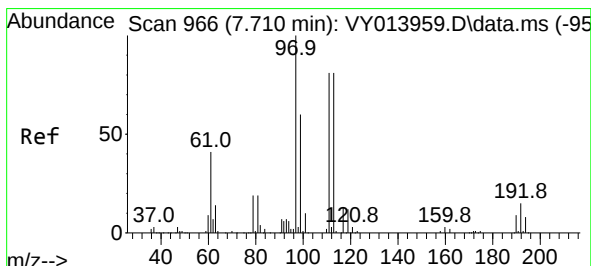
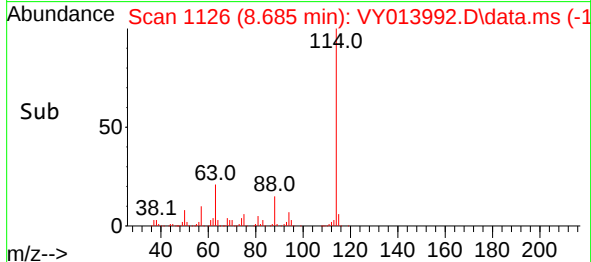
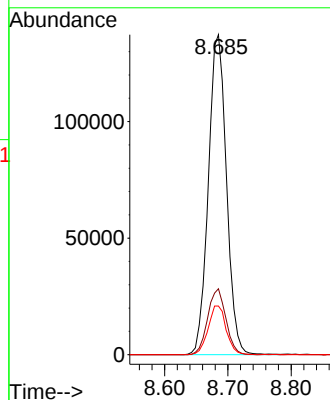
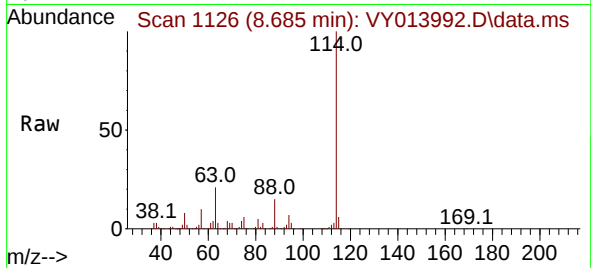




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY013992.D
Acq: 02 Jun 2023 16:07

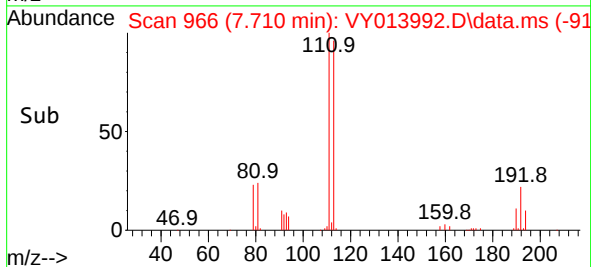
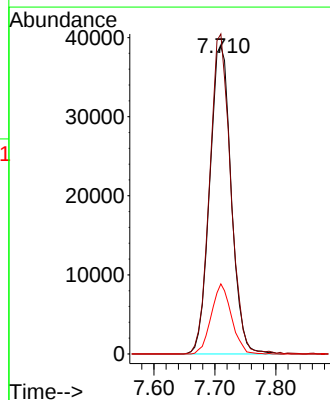
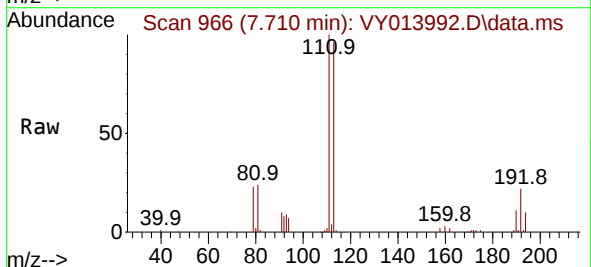
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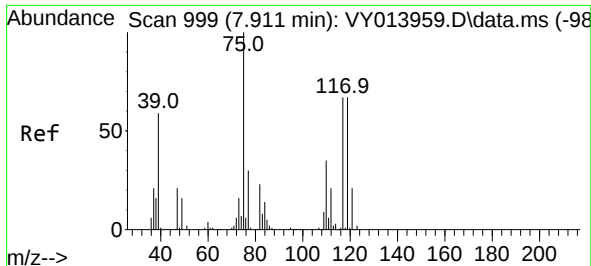
Tgt Ion:	114	Resp:	274151
Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	42.4
88	15.2	0.0	30.6



#35
Dibromofluoromethane
Concen: 54.783 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY013992.D
Acq: 02 Jun 2023 16:07

Tgt Ion:	113	Resp:	95447
Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.3	121.9
192	21.4	16.9	25.3

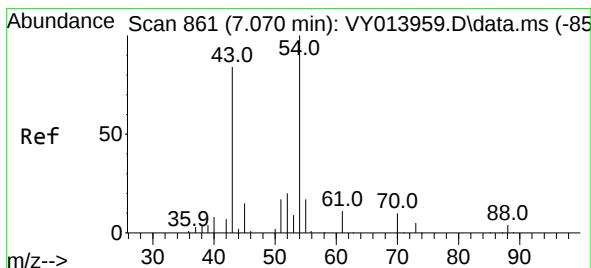
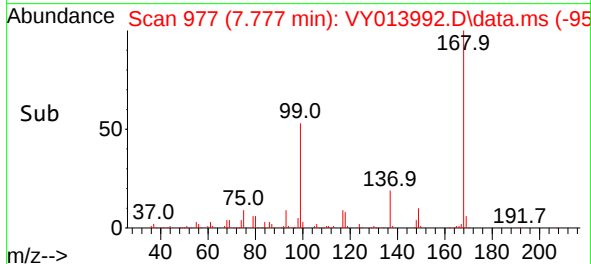
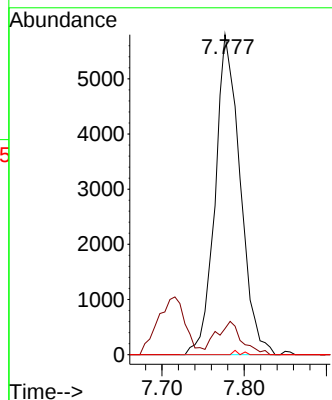
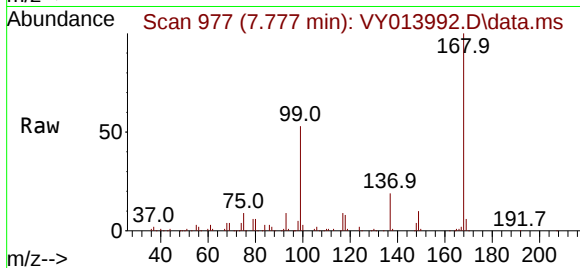




#36
1,1-Dichloropropene
Concen: 4.937 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY013992.D
Acq: 02 Jun 2023 16:07

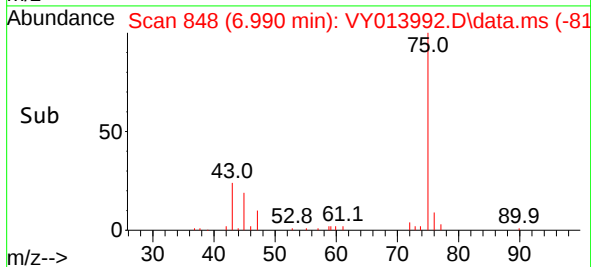
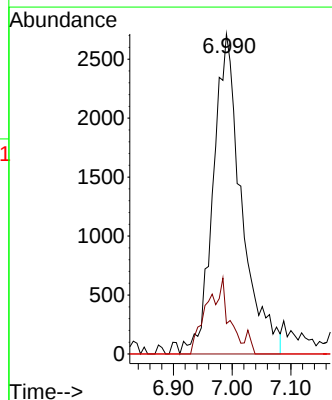
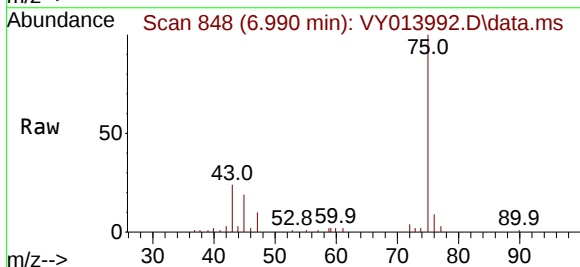
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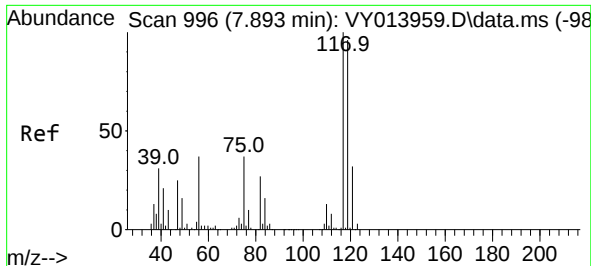
Tgt Ion: 75 Resp: 12255
Ion Ratio Lower Upper
75 100
110 10.4 17.8 53.5#
77 0.4 24.4 36.6#



#37
Ethyl Acetate
Concen: 4.220 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.079 min
Lab File: VY013992.D
Acq: 02 Jun 2023 16:07

Tgt Ion: 43 Resp: 9132
Ion Ratio Lower Upper
43 100
61 18.3 10.1 15.1#
70 0.0 7.1 10.7#

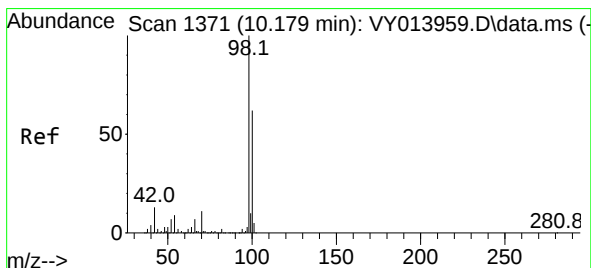
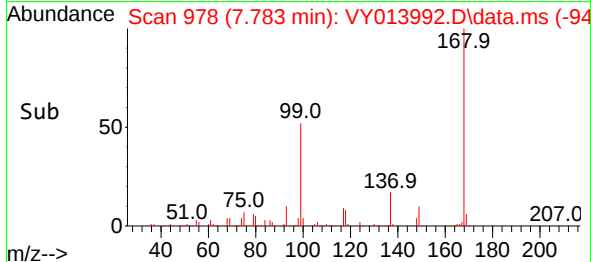
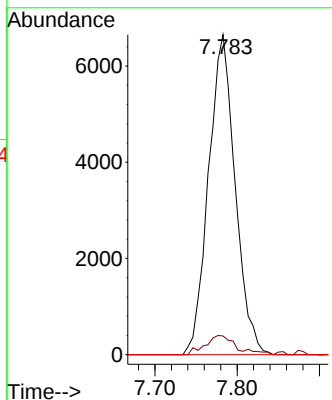
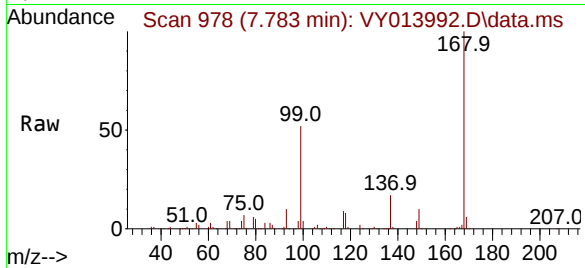




#38
Carbon Tetrachloride
Concen: 5.383 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY013992.D
Acq: 02 Jun 2023 16:07

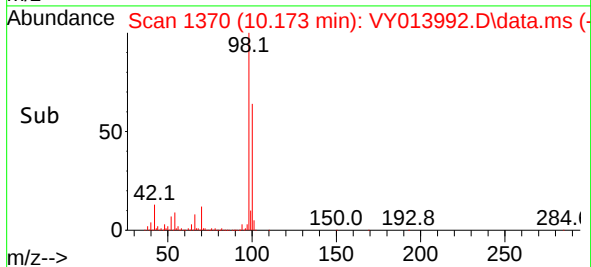
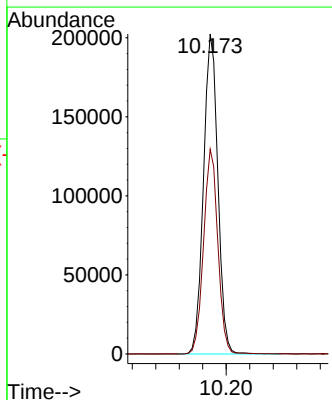
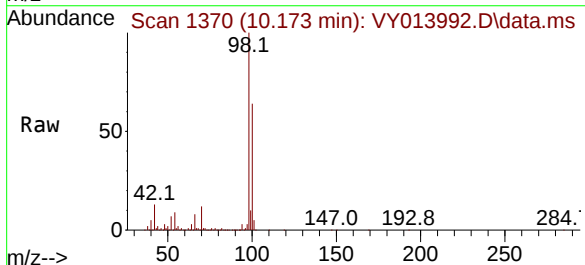
Instrument :
MSVOA_Y
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TP-18-0A

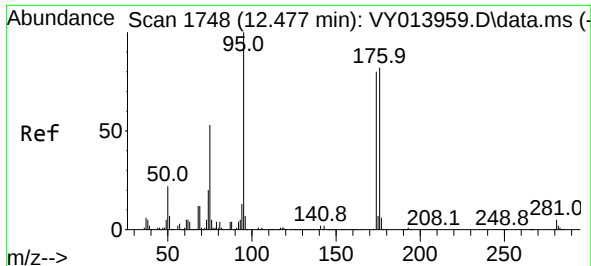
Tgt Ion:117 Resp: 14974
Ion Ratio Lower Upper
117 100
119 5.8 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 51.779 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY013992.D
Acq: 02 Jun 2023 16:07

Tgt Ion: 98 Resp: 344111
Ion Ratio Lower Upper
98 100
100 63.5 50.1 75.1

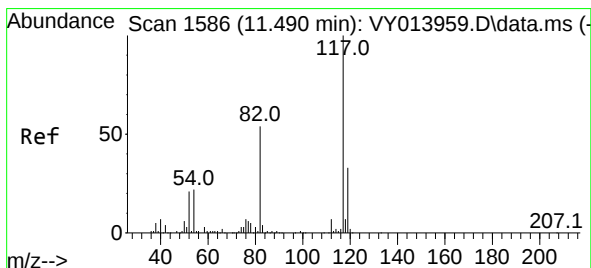
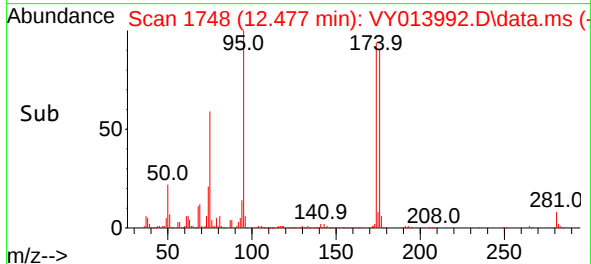
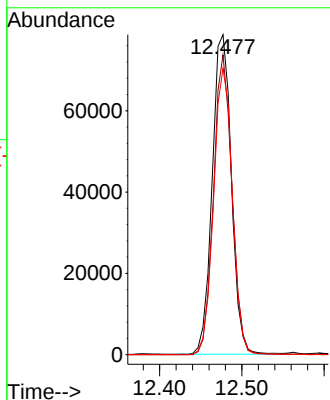
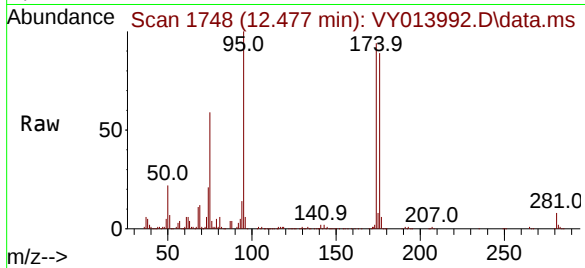




#62
4-Bromofluorobenzene
Concen: 56.197 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013992.D
Acq: 02 Jun 2023 16:07

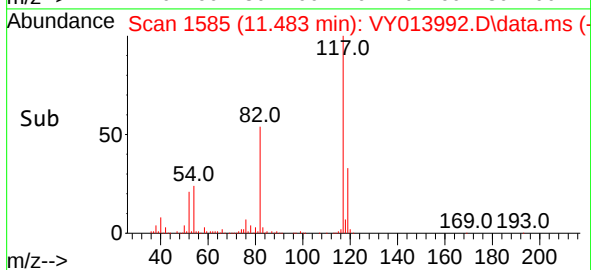
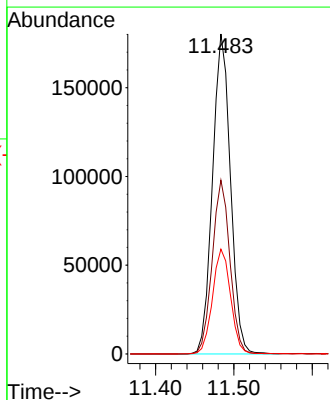
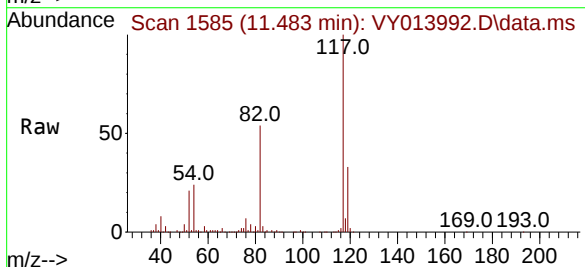
Instrument :
MSVOA_Y
ClientSampleId :
TP-18-0A

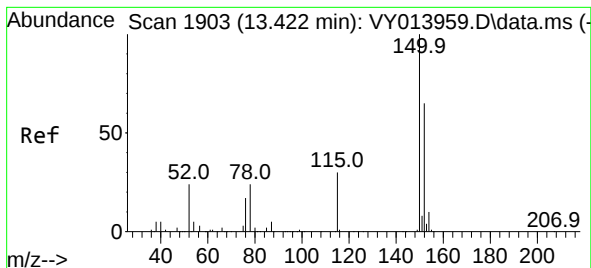
Tgt Ion: 95 Resp: 127323
Ion Ratio Lower Upper
95 100
174 90.2 0.0 178.2
176 88.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY013992.D
Acq: 02 Jun 2023 16:07

Tgt Ion: 117 Resp: 287125
Ion Ratio Lower Upper
117 100
82 54.3 43.4 65.0
119 32.8 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013992.D

Acq: 02 Jun 2023 16:07

Instrument :

MSVOA_Y

ClientSampleId :

TP-18-0A

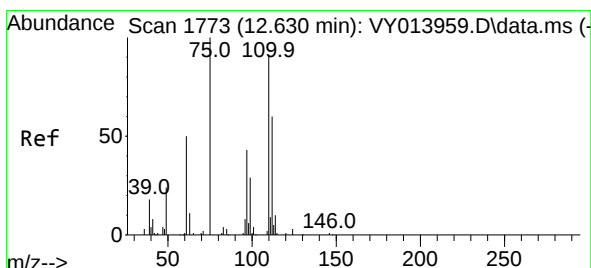
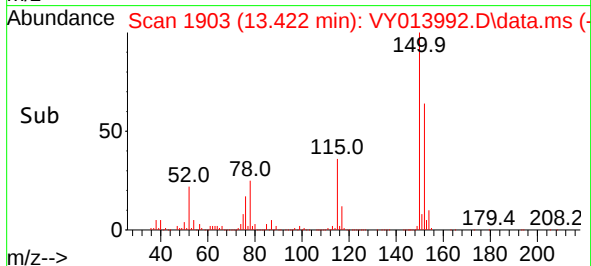
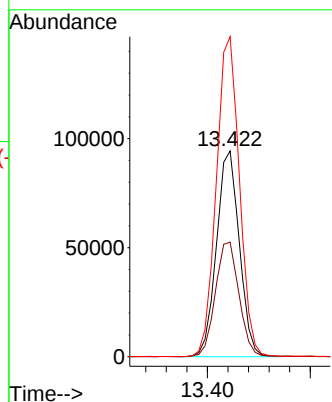
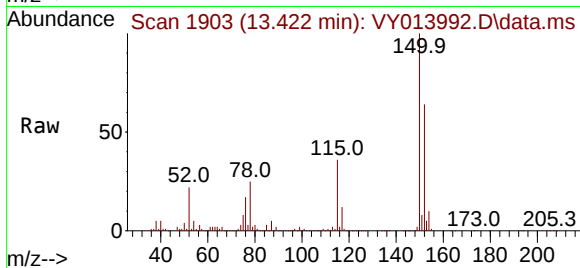
Tgt Ion:152 Resp: 145385

Ion Ratio Lower Upper

152 100

115 57.7 28.8 86.5

150 157.2 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 36.018 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY013992.D

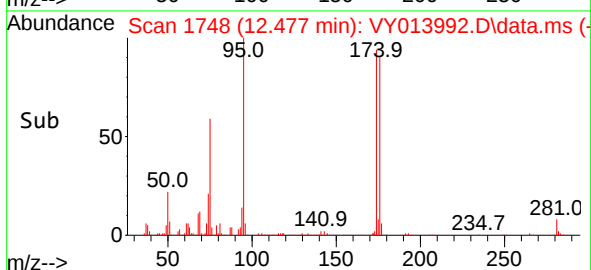
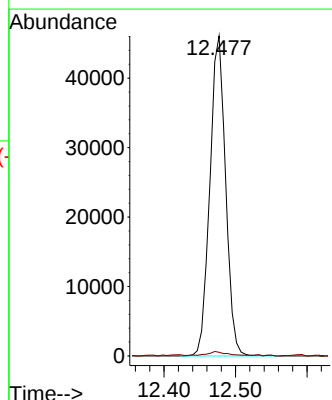
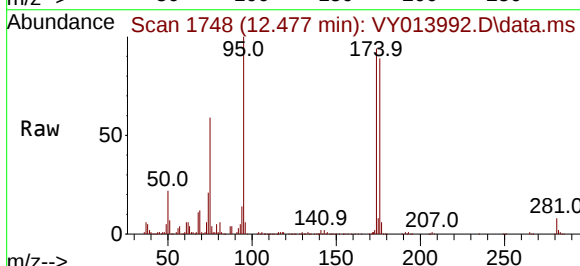
Acq: 02 Jun 2023 16:07

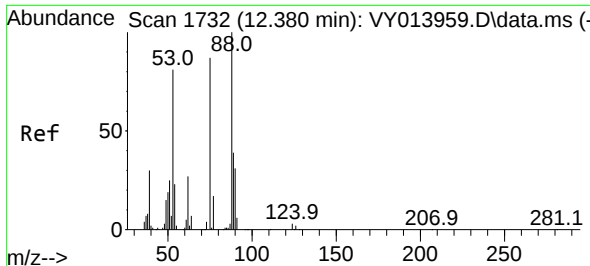
Tgt Ion: 75 Resp: 70467

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#

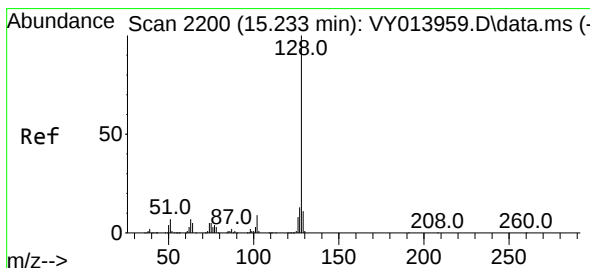
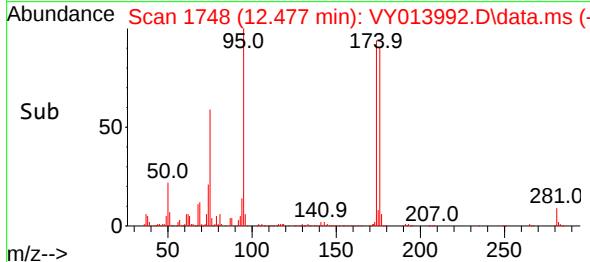
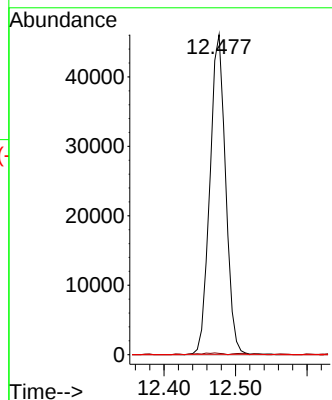
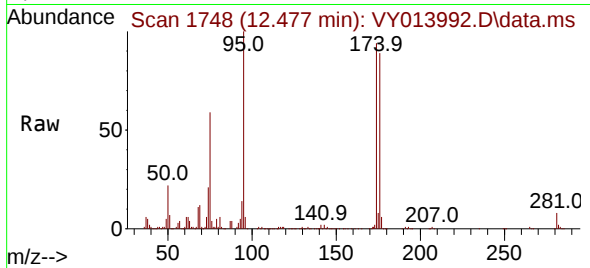




#81
trans-1,4-Dichloro-2-butene
Concen: 76.413 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY013992.D
Acq: 02 Jun 2023 16:07

Instrument :
MSVOA_Y
ClientSampleId :
TP-18-0A

Tgt Ion: 75 Resp: 70467
Ion Ratio Lower Upper
75 100
53 0.8 77.8 116.8#
89 0.0 37.4 56.0#



#95
Naphthalene
Concen: 3.958 ug/l
RT: 15.220 min Scan# 2198
Delta R.T. -0.013 min
Lab File: VY013992.D
Acq: 02 Jun 2023 16:07

Tgt Ion:128 Resp: 566
Ion Ratio Lower Upper
128 100
127 13.8 10.8 16.2
129 48.9 8.6 13.0#

