

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111122\
 Data File : VY011424.D
 Acq On : 11 Nov 2022 17:18
 Operator : KP/MD
 Sample : N5530-09RE
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-09

Quant Time: Nov 11 17:40:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

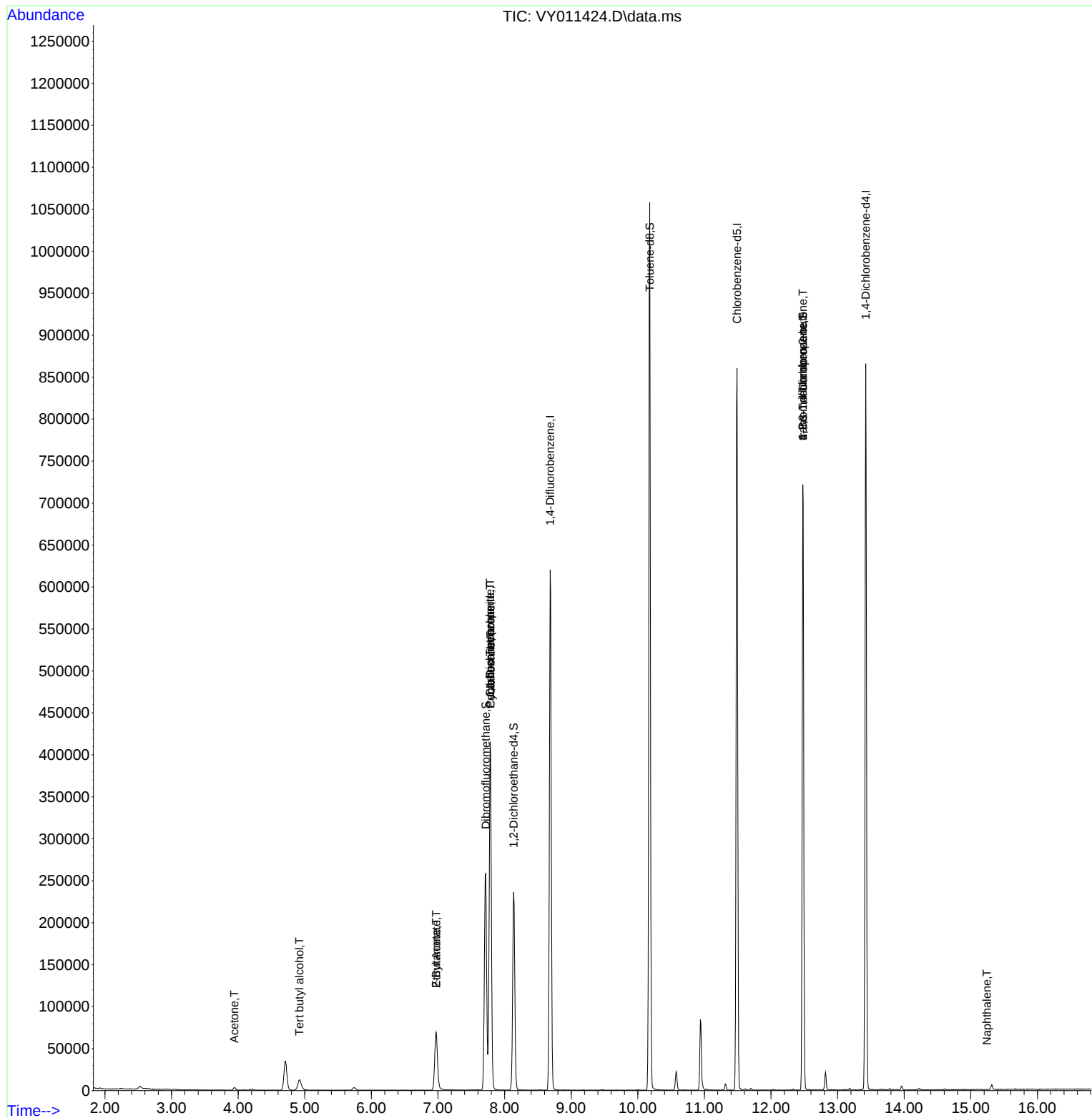
Internal Standards						
1) Pentafluorobenzene	7.789	168	331344	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	554102	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	500103	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	232056	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	183768	66.185	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 132.380%			
35) Dibromofluoromethane	7.716	113	188117	60.579	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 121.160%			
50) Toluene-d8	10.179	98	707755	59.660	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 119.320%			
62) 4-Bromofluorobenzene	12.477	95	226854	54.825	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.640%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.917	59	12415	6.826	ug/l #	80
16) Acetone	3.942	43	5403	7.374	ug/l #	69
18) Methyl Acetate	4.716	43	24	Below Cal	#	56
20) Methylene Chloride	4.710	84	29247	Below Cal	#	78
25) 2-Butanone	6.972	43	3141	3.010	ug/l #	87
31) Cyclohexane	7.789	56	5424	1.087	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	22954	4.763	ug/l #	51
37) Ethyl Acetate	6.972	43	3141	1.357	ug/l #	1
38) Carbon Tetrachloride	7.783	117	31589	6.025	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	108323	40.327	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	108323	96.934	ug/l #	7
95) Naphthalene	15.239	128	250	3.302	ug/l #	69

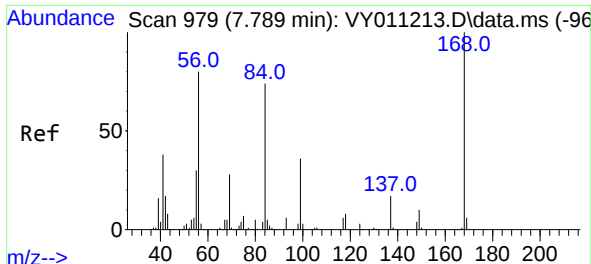
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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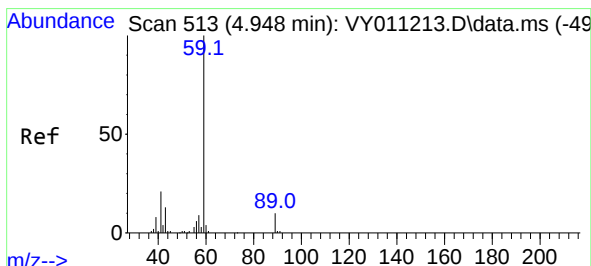
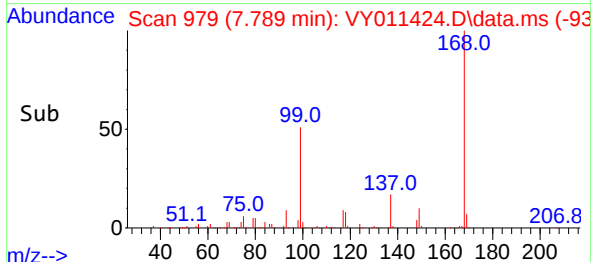
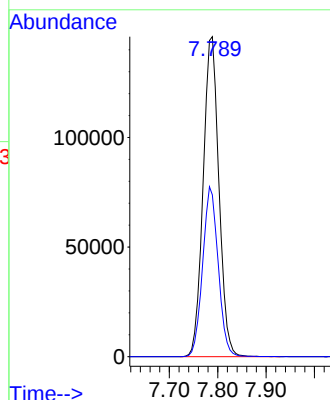
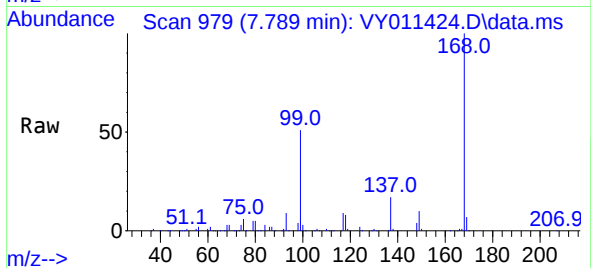




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011424.D
Acq: 11 Nov 2022 17:18

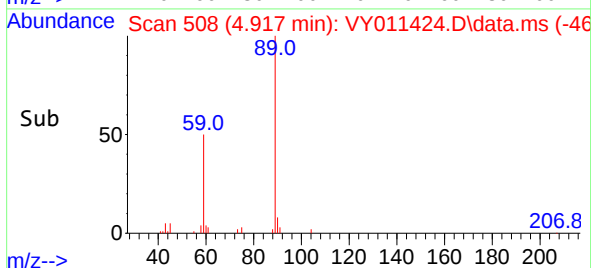
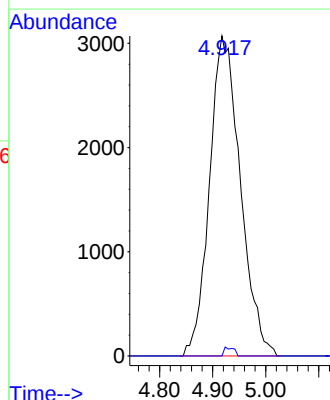
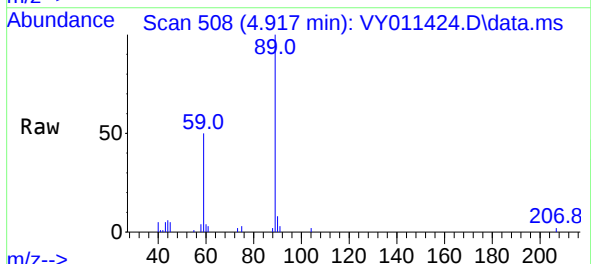
Instrument :
MSVOA_Y
ClientSampleId :
SB-09

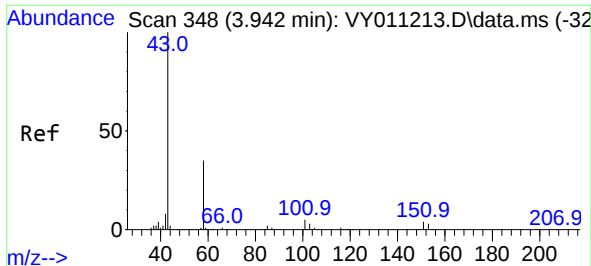
Tgt Ion:168 Resp: 331344
Ion Ratio Lower Upper
168 100
99 50.6 46.9 70.3



#11
Tert butyl alcohol
Concen: 6.826 ug/l
RT: 4.917 min Scan# 508
Delta R.T. -0.037 min
Lab File: VY011424.D
Acq: 11 Nov 2022 17:18

Tgt Ion: 59 Resp: 12415
Ion Ratio Lower Upper
59 100
57 0.9 6.4 9.6#

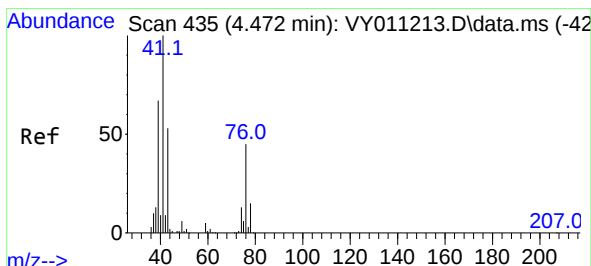
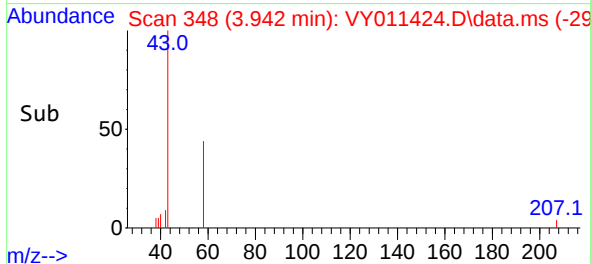
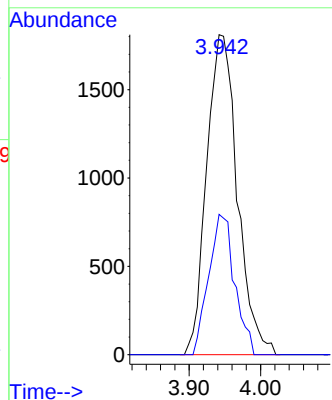
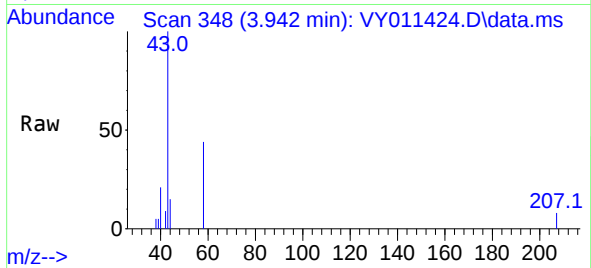




#16
Acetone
Concen: 7.374 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY011424.D
Acq: 11 Nov 2022 17:18

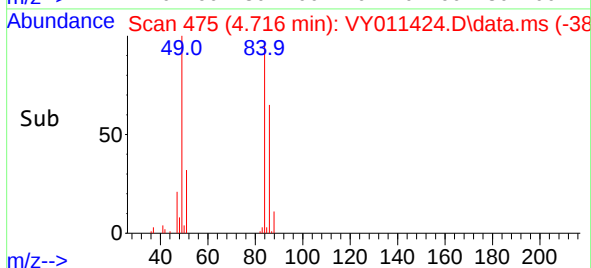
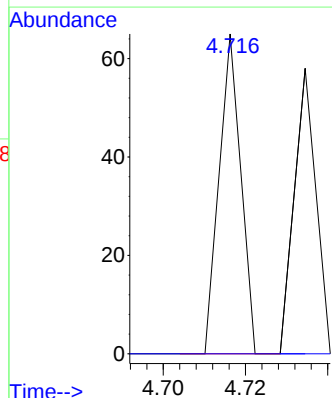
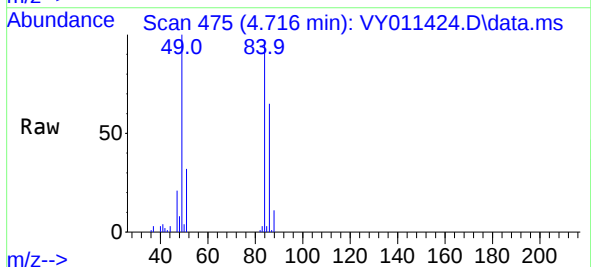
Instrument :
MSVOA_Y
ClientSampleId :
SB-09

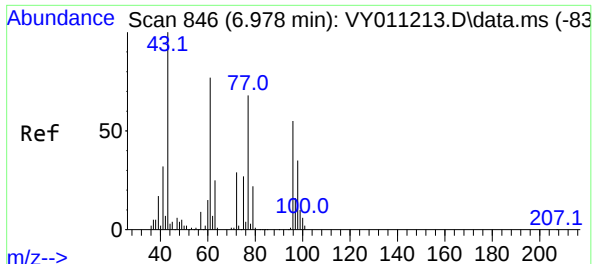
Tgt Ion: 43 Resp: 5403
Ion Ratio Lower Upper
43 100
58 43.8 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.243 min
Lab File: VY011424.D
Acq: 11 Nov 2022 17:18

Tgt Ion: 43 Resp: 24
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

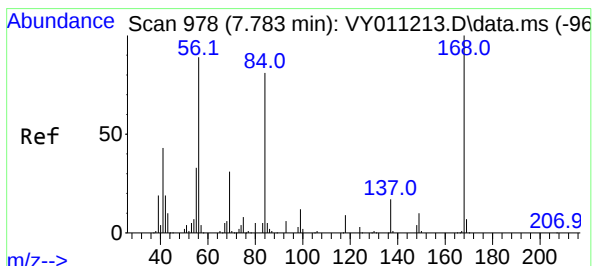
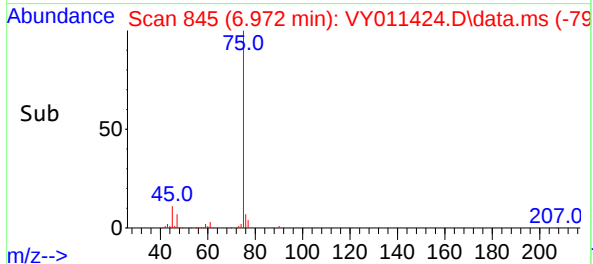
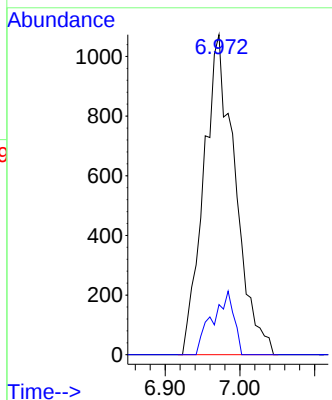
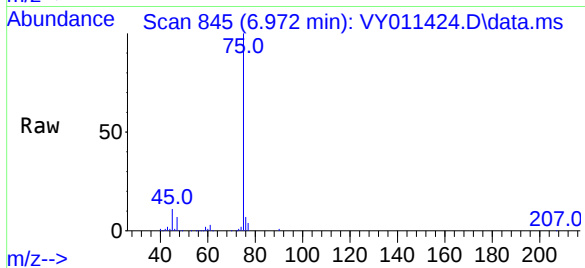




#25
2-Butanone
Concen: 3.010 ug/l
RT: 6.972 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY011424.D
Acq: 11 Nov 2022 17:18

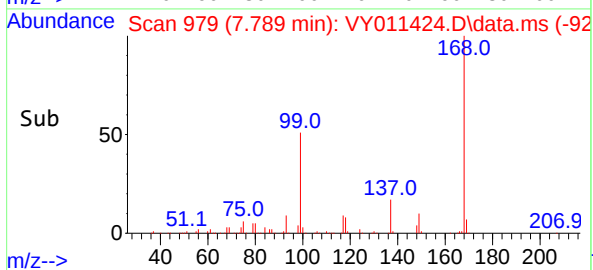
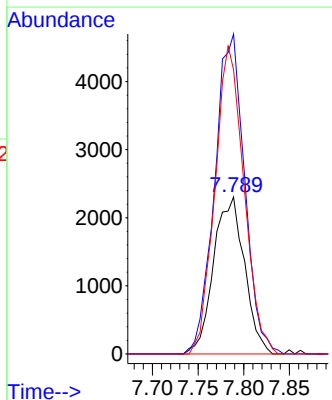
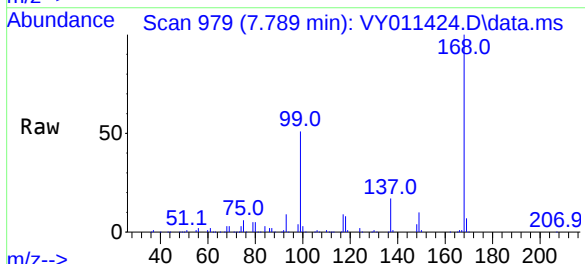
Instrument : MSVOA_Y
ClientSampleId : SB-09

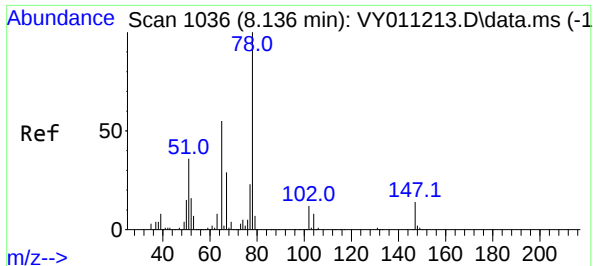
Tgt Ion: 43 Resp: 3141
Ion Ratio Lower Upper
43 100
72 15.7 17.7 26.5#



#31
Cyclohexane
Concen: 1.087 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY011424.D
Acq: 11 Nov 2022 17:18

Tgt Ion: 56 Resp: 5424
Ion Ratio Lower Upper
56 100
69 203.8 26.7 40.1#
84 181.0 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 66.185 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011424.D

Acq: 11 Nov 2022 17:18

Instrument :

MSVOA_Y

ClientSampleId :

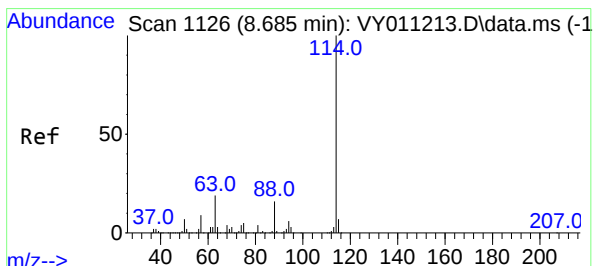
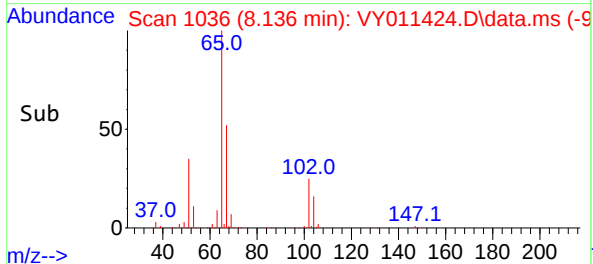
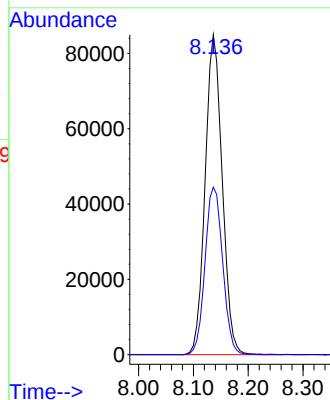
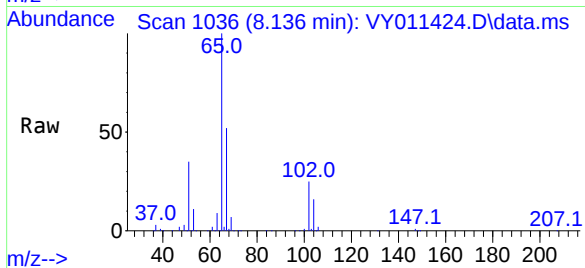
SB-09

Tgt Ion: 65 Resp: 183768

Ion Ratio Lower Upper

65 100

67 54.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY011424.D

Acq: 11 Nov 2022 17:18

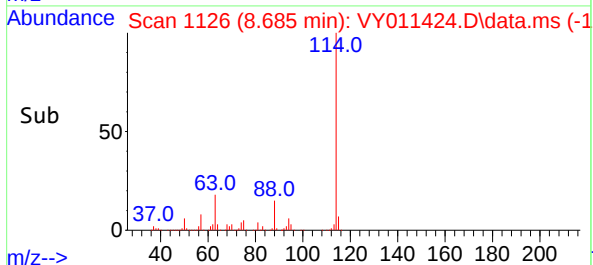
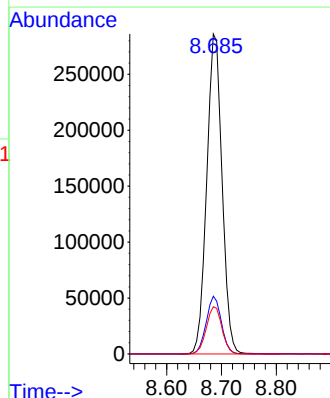
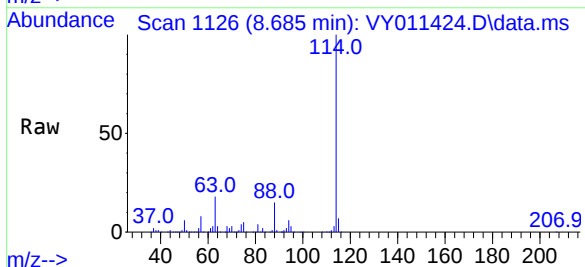
Tgt Ion: 114 Resp: 554102

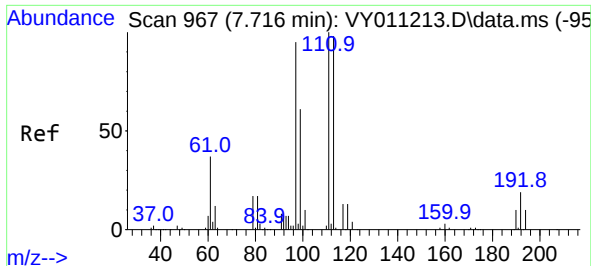
Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

88 14.7 0.0 31.8



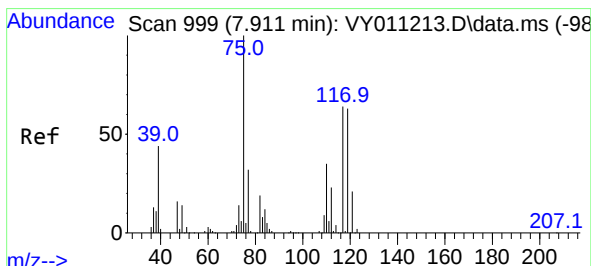
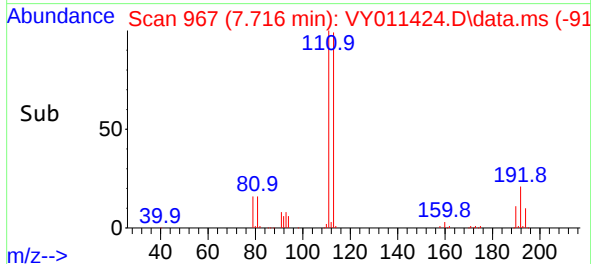
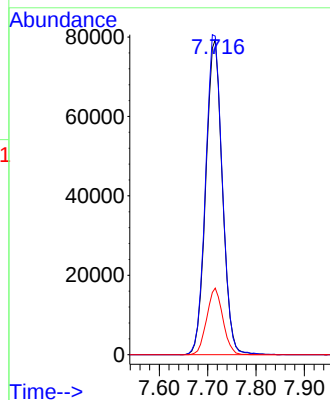
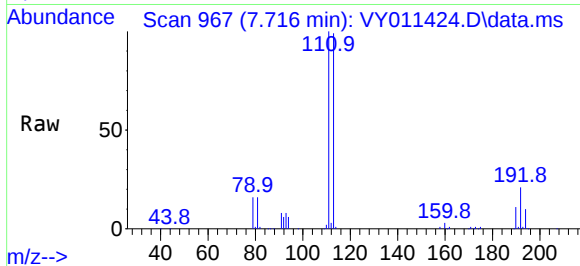


#35
Dibromofluoromethane
Concen: 60.579 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY011424.D
Acq: 11 Nov 2022 17:18

Instrument :
MSVOA_Y
ClientSampleId :
SB-09

Tgt Ion:113 Resp: 188117

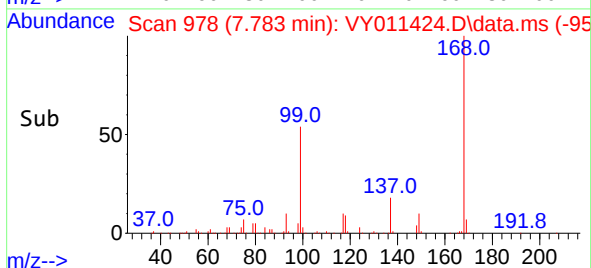
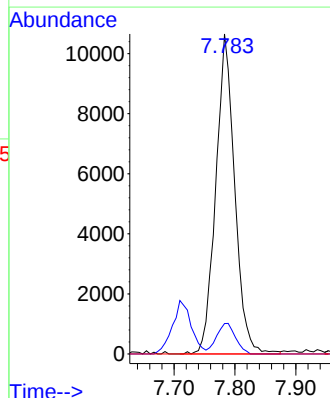
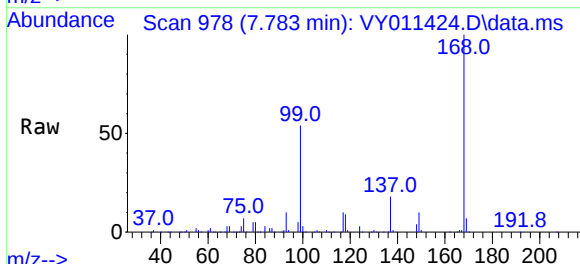
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.6	124.0
192	20.6	17.6	26.4

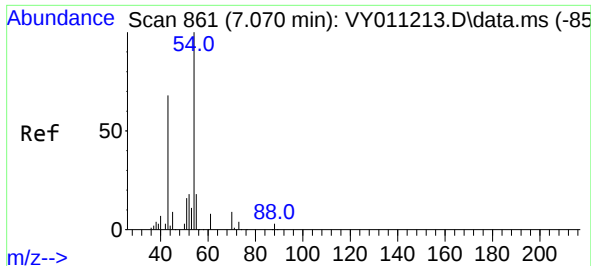


#36
1,1-Dichloropropene
Concen: 4.763 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY011424.D
Acq: 11 Nov 2022 17:18

Tgt Ion: 75 Resp: 22954

Ion	Ratio	Lower	Upper
75	100		
110	9.5	17.1	51.2#
77	0.0	24.4	36.6#





#37

Ethyl Acetate

Concen: 1.357 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.098 min

Lab File: VY011424.D

Acq: 11 Nov 2022 17:18

Instrument :

MSVOA_Y

ClientSampleId :

SB-09

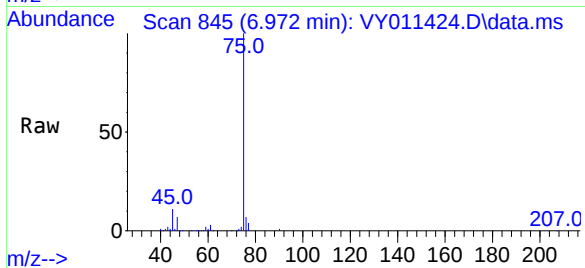
Tgt Ion: 43 Resp: 3141

Ion Ratio Lower Upper

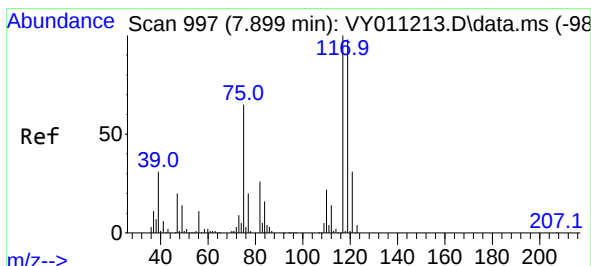
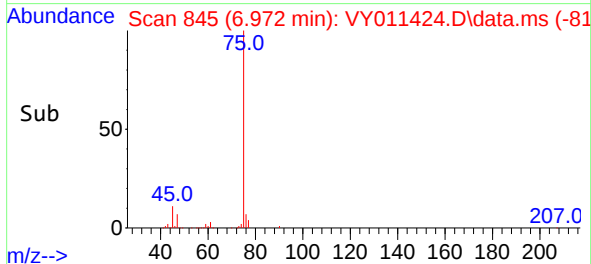
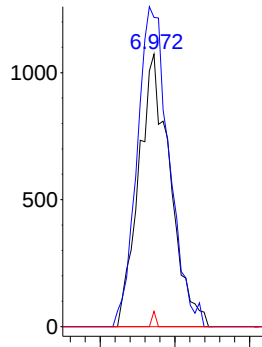
43 100

61 119.7 9.7 14.5#

70 0.7 7.1 10.7#



Abundance



#38

Carbon Tetrachloride

Concen: 6.025 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY011424.D

Acq: 11 Nov 2022 17:18

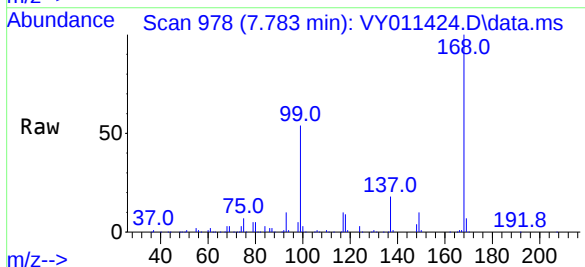
Tgt Ion: 117 Resp: 31589

Ion Ratio Lower Upper

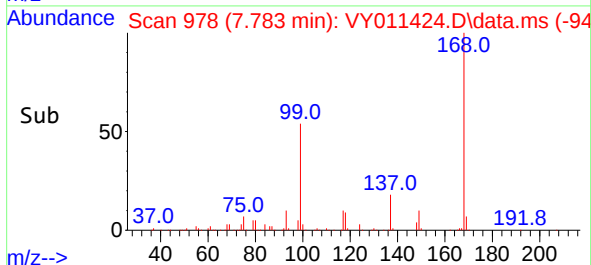
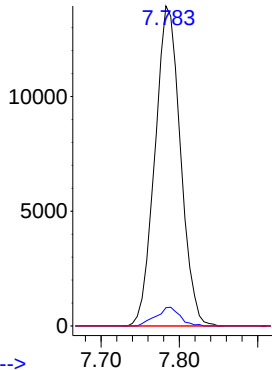
117 100

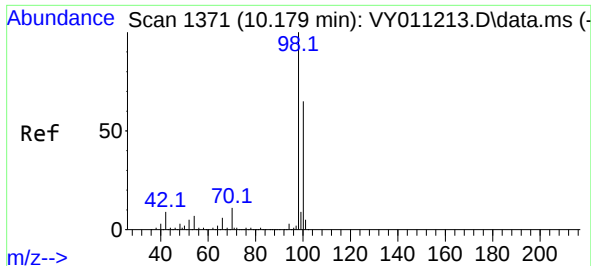
119 5.7 77.9 116.9#

121 0.0 24.8 37.2#



Abundance

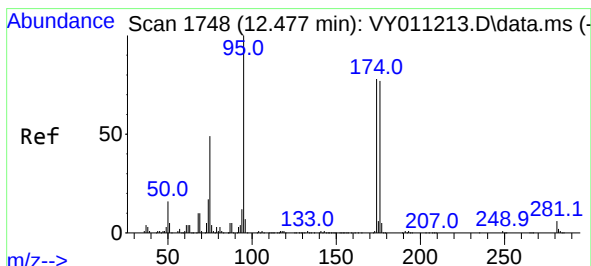
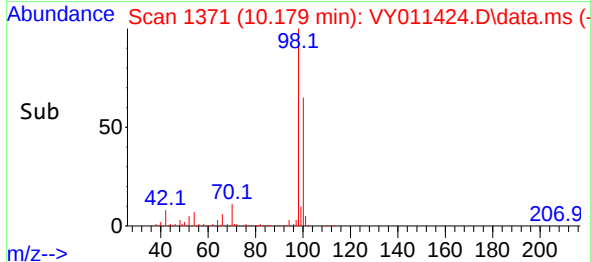
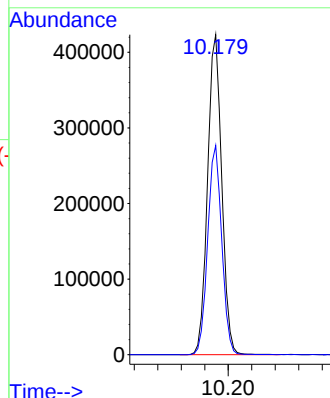
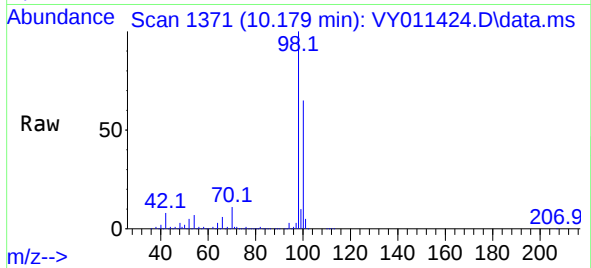




#50
Toluene-d8
Concen: 59.660 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011424.D
Acq: 11 Nov 2022 17:18

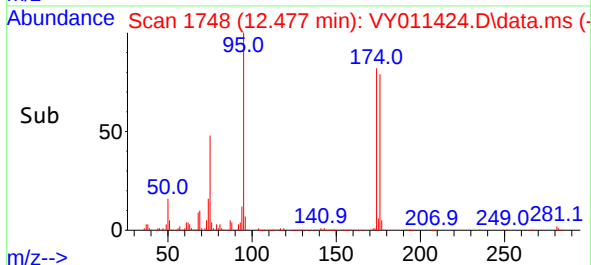
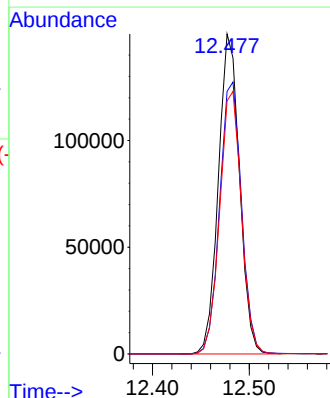
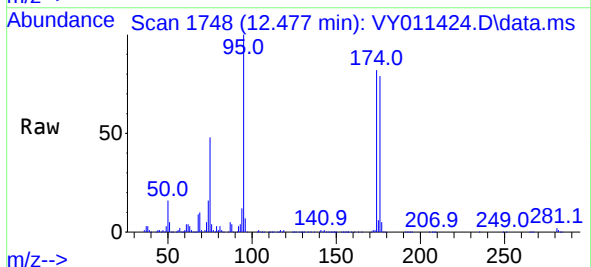
Instrument :
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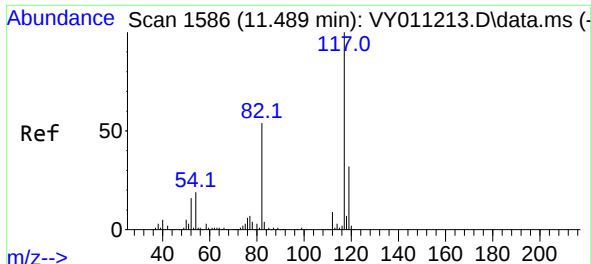
Tgt Ion: 98 Resp: 707755
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 54.825 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011424.D
Acq: 11 Nov 2022 17:18

Tgt Ion: 95 Resp: 226854
Ion Ratio Lower Upper
95 100
174 88.0 0.0 177.0
176 84.3 0.0 175.8

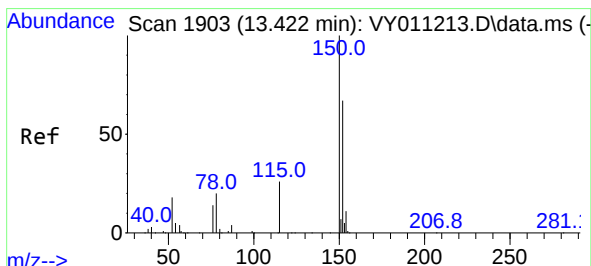
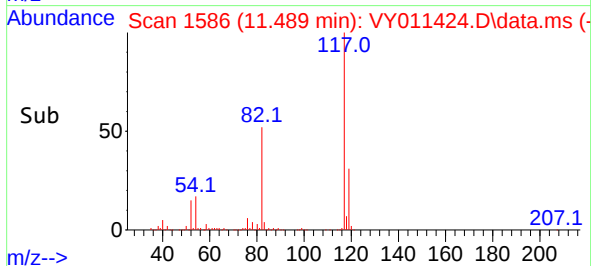
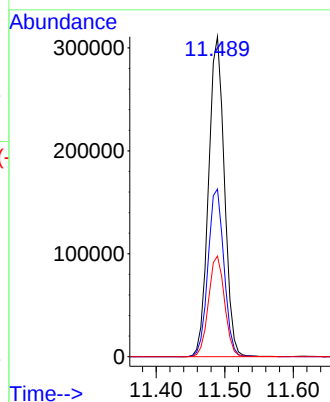
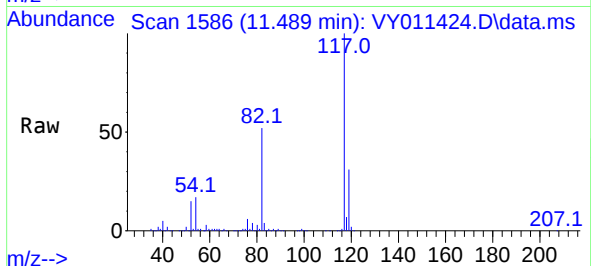




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011424.D
Acq: 11 Nov 2022 17:18

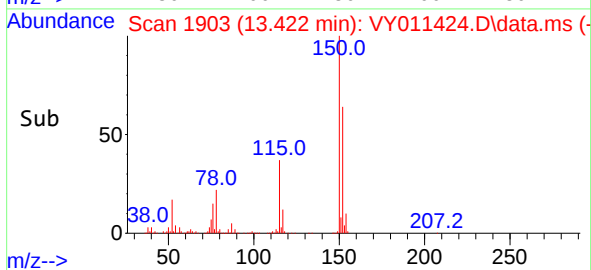
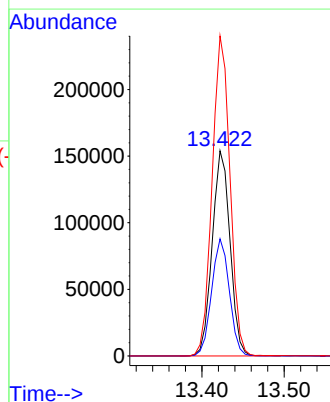
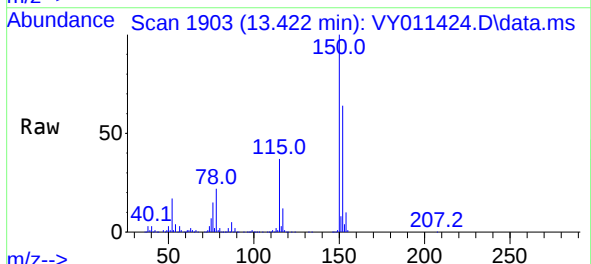
Instrument :
MSVOA_Y
ClientSampleId :
SB-09

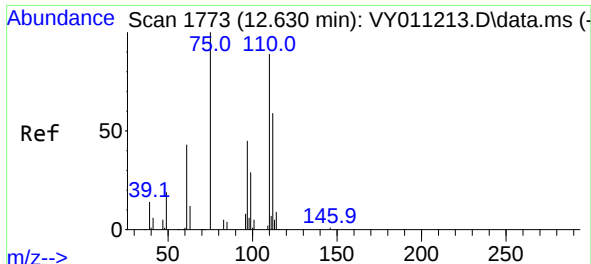
Tgt Ion:117 Resp: 500103
Ion Ratio Lower Upper
117 100
82 52.4 43.0 64.4
119 31.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY011424.D
Acq: 11 Nov 2022 17:18

Tgt Ion:152 Resp: 232056
Ion Ratio Lower Upper
152 100
115 56.8 28.2 84.7
150 156.1 0.0 347.6

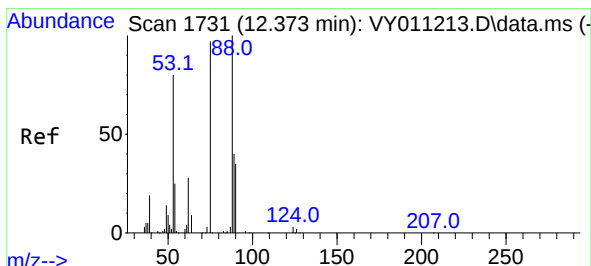
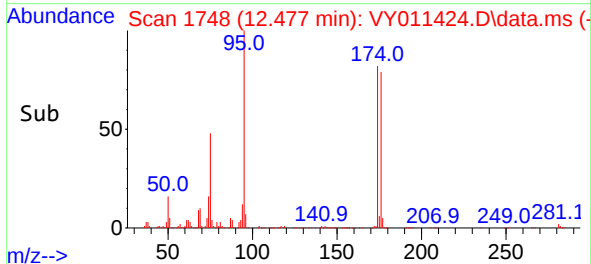
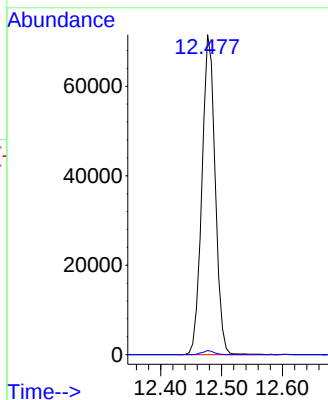
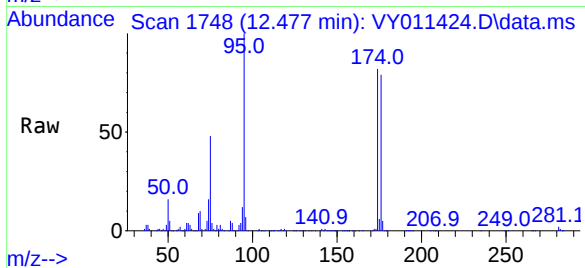




#76
1,2,3-Trichloropropane
Concen: 40.327 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011424.D
Acq: 11 Nov 2022 17:18

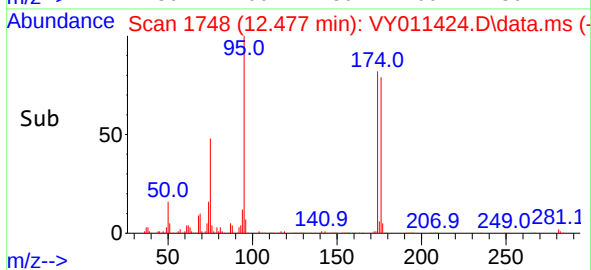
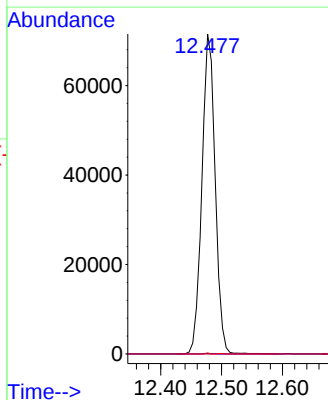
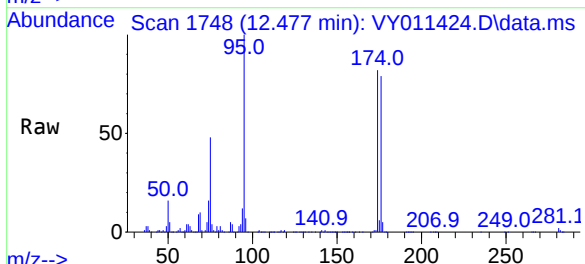
Instrument :
MSVOA_Y
ClientSampleId :
SB-09

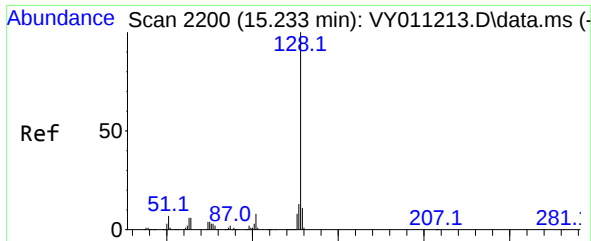
Tgt Ion: 75 Resp: 108323
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.934 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011424.D
Acq: 11 Nov 2022 17:18

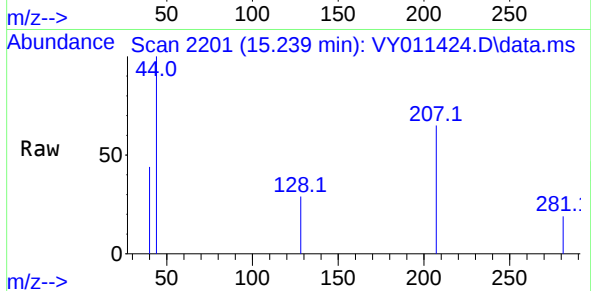
Tgt Ion: 75 Resp: 108323
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.1 37.0 55.4#





#95
Naphthalene
Concen: 3.302 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY011424.D
Acq: 11 Nov 2022 17:18

Instrument :
MSVOA_Y
ClientSampleId :
SB-09



Tgt Ion:128 Resp: 250
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

