

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY009014.D
 Acq On : 23 May 2022 18:15
 Operator : KP/MD
 Sample : N2959-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 284

Quant Time: May 24 01:50:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

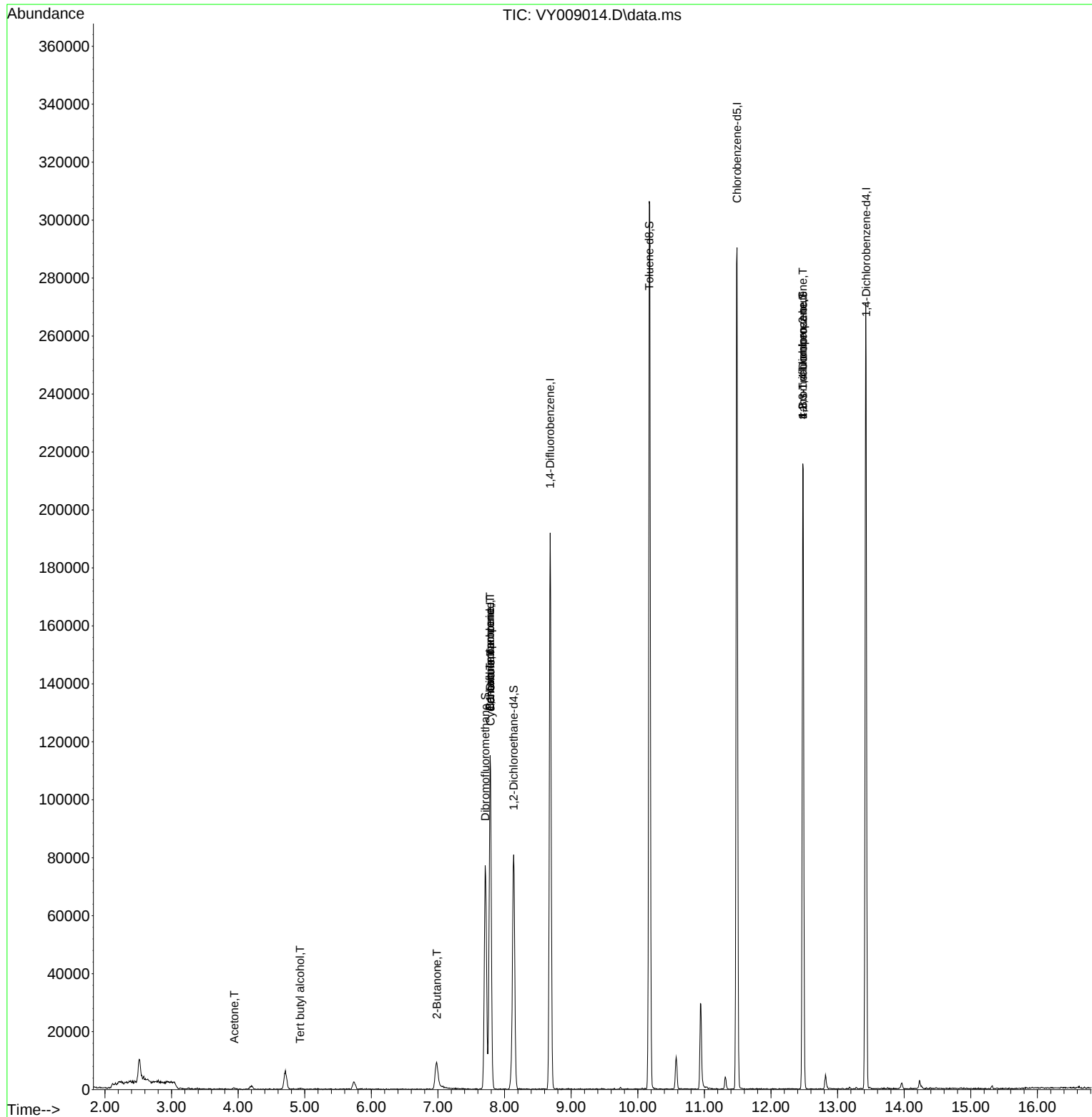
Internal Standards						
1) Pentafluorobenzene	7.783	168	86385	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	156929	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	153014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	65859	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	59723	67.175	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.360%	
35) Dibromofluoromethane	7.710	113	52695	53.999	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.000%	
50) Toluene-d8	10.173	98	196468	54.574	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.140%	
62) 4-Bromofluorobenzene	12.477	95	57632	39.685	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 79.380%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	318	3.526	ug/l #	77
16) Acetone	3.942	43	784	4.236	ug/l #	88
20) Methylene Chloride	4.710	84	4507	Below Cal	#	82
25) 2-Butanone	6.984	43	613	1.855	ug/l #	54
31) Cyclohexane	7.789	56	2284	1.313	ug/l #	26
36) 1,1-Dichloropropene	7.783	75	7981	4.806	ug/l #	49
38) Carbon Tetrachloride	7.783	117	8812	5.072	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	32718	46.261	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	32718	94.951	ug/l #	7

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
Quant Title : SW846 8260
QLast Update : Fri May 20 23:50:52 2022
Response via : Initial Calibration

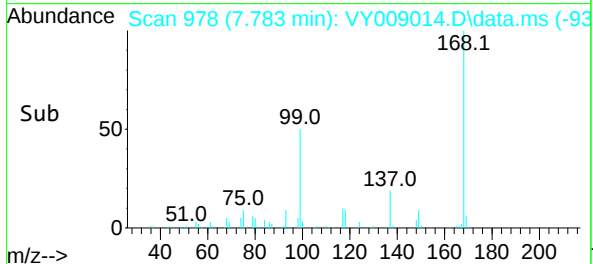
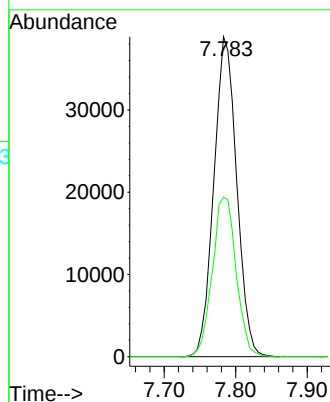
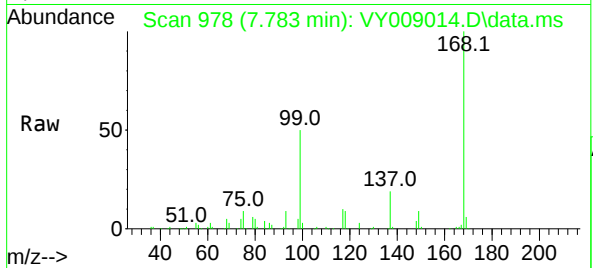




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009014.D
Acq: 23 May 2022 18:15

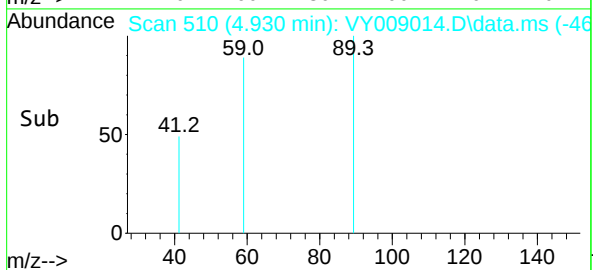
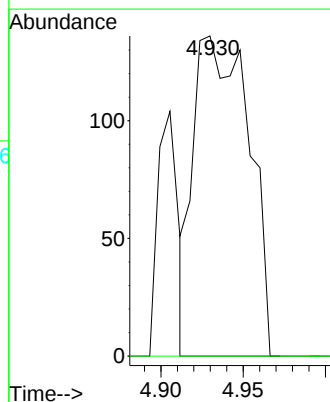
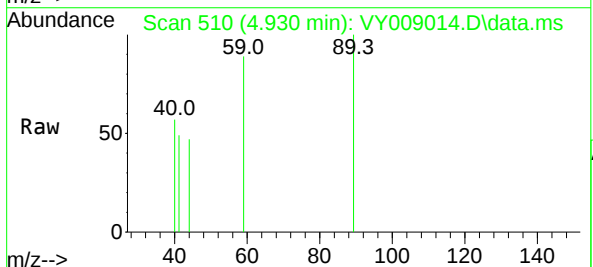
Instrument :
MSVOA_Y
ClientSampleId :
284

Tgt Ion:168 Resp: 86385
Ion Ratio Lower Upper
168 100
99 49.8 46.9 70.3



#11
Tert butyl alcohol
Concen: 3.526 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.018 min
Lab File: VY009014.D
Acq: 23 May 2022 18:15

Tgt Ion: 59 Resp: 318
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

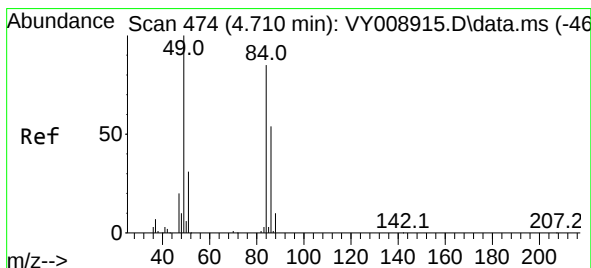
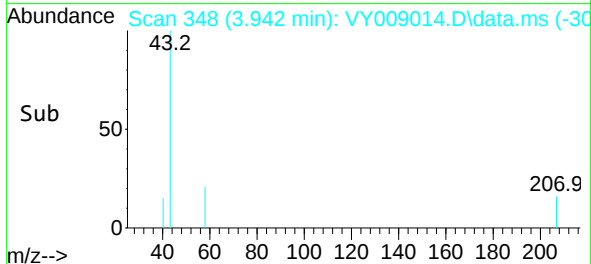
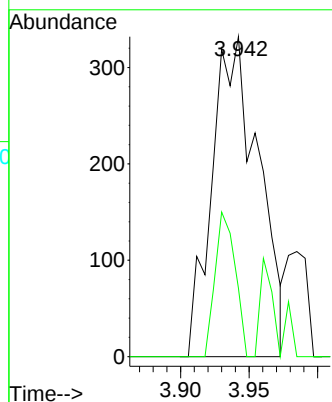
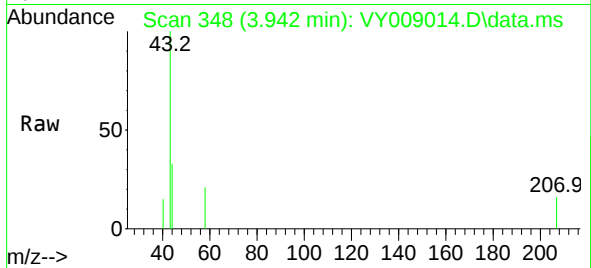




#16
Acetone
Concen: 4.236 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY009014.D
Acq: 23 May 2022 18:15

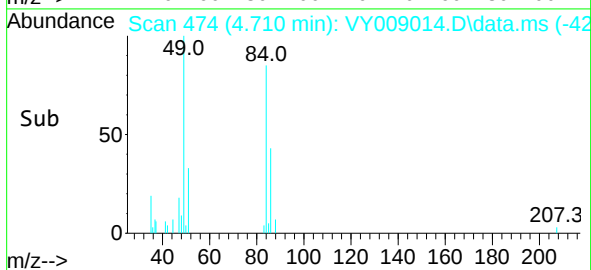
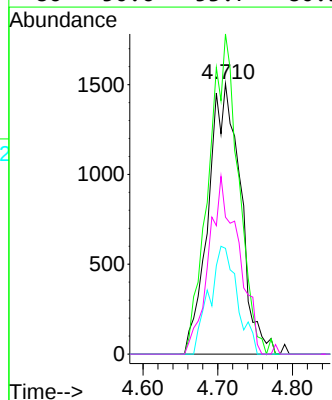
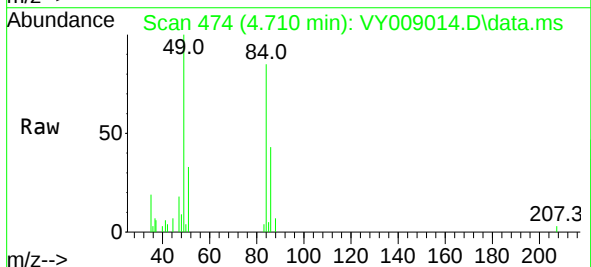
Instrument :
MSVOA_Y
ClientSampleId :
284

Tgt Ion: 43 Resp: 784
Ion Ratio Lower Upper
43 100
58 21.4 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY009014.D
Acq: 23 May 2022 18:15

Tgt Ion: 84 Resp: 4507
Ion Ratio Lower Upper
84 100
49 118.3 114.4 171.6
51 39.0 35.3 52.9
86 50.6 53.7 80.5#

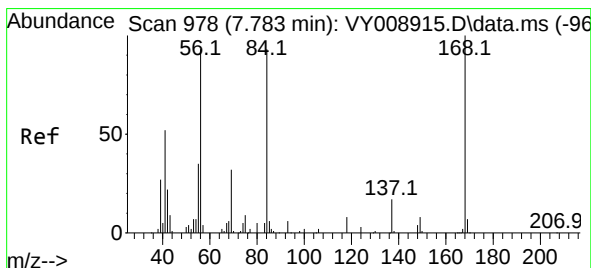
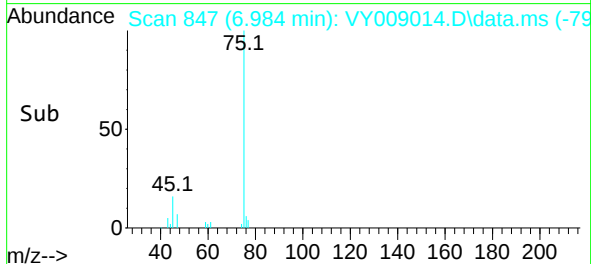
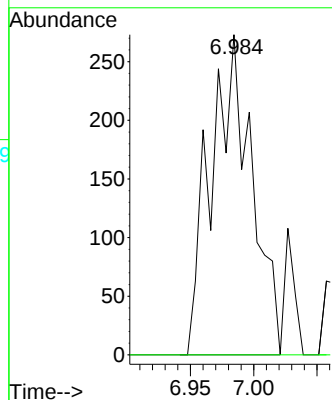
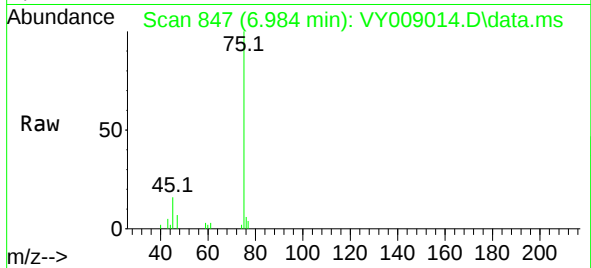




#25
2-Butanone
Concen: 1.855 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY009014.D
Acq: 23 May 2022 18:15

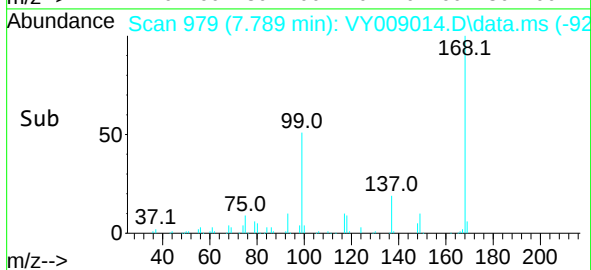
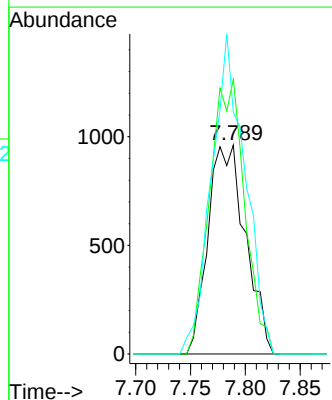
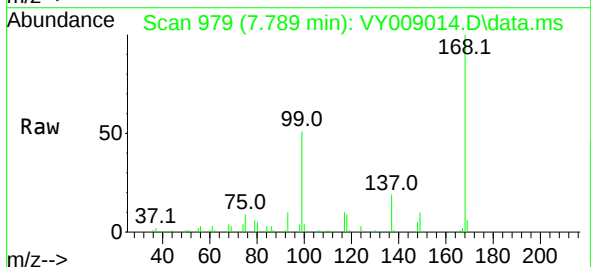
Instrument :
MSVOA_Y
ClientSampleId :
284

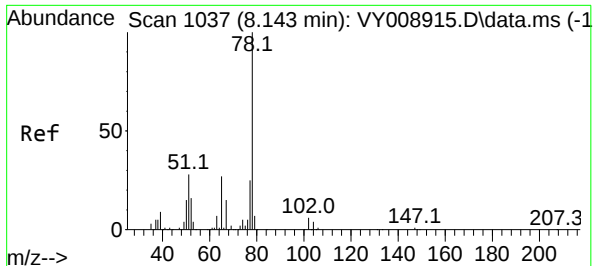
Tgt Ion: 43 Resp: 613
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#31
Cyclohexane
Concen: 1.313 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY009014.D
Acq: 23 May 2022 18:15

Tgt Ion: 56 Resp: 2284
Ion Ratio Lower Upper
56 100
69 131.4 26.7 40.1#
84 115.8 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 67.175 ug/l

RT: 8.137 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VY009014.D

Acq: 23 May 2022 18:15

Instrument :

MSVOA_Y

ClientSampleId :

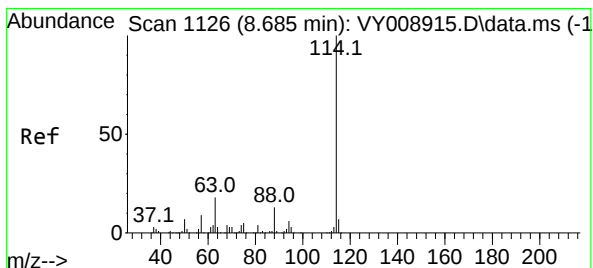
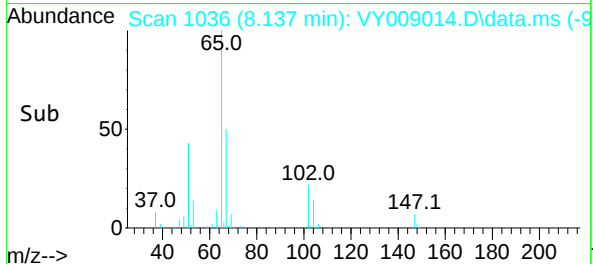
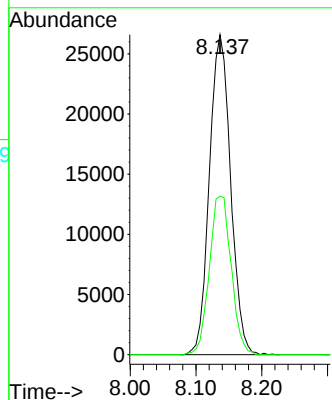
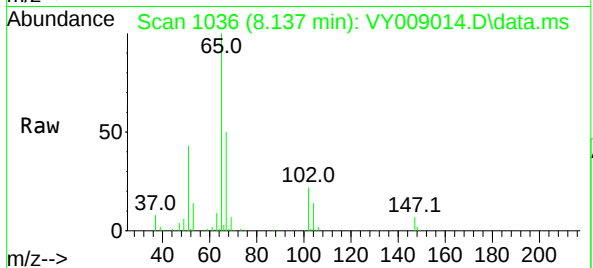
284

Tgt Ion: 65 Resp: 59723

Ion Ratio Lower Upper

65 100

67 51.0 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: VY009014.D

Acq: 23 May 2022 18:15

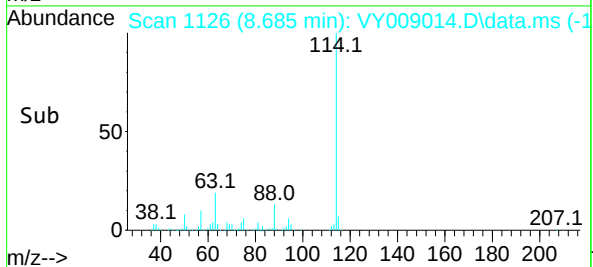
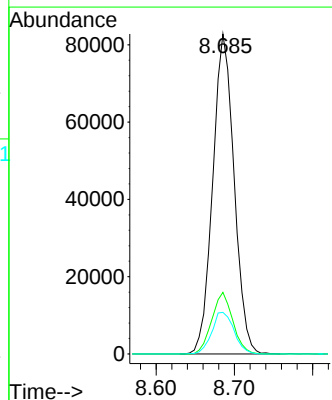
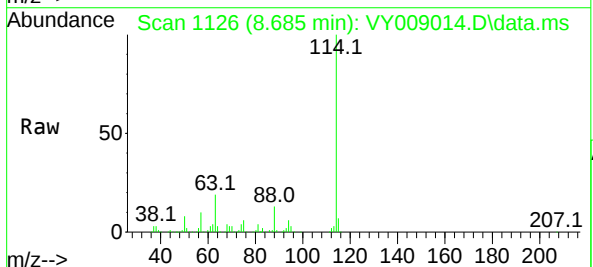
Tgt Ion:114 Resp: 156929

Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

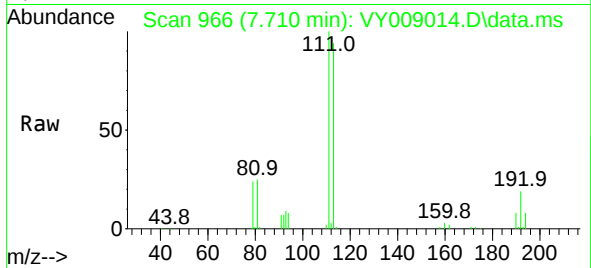
88 13.0 0.0 31.8



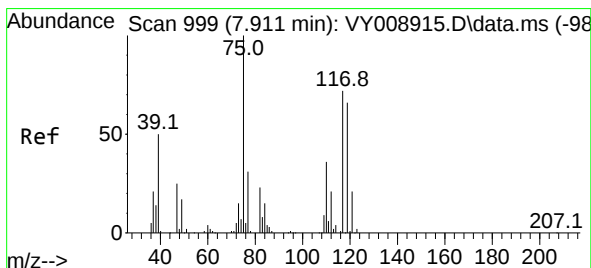
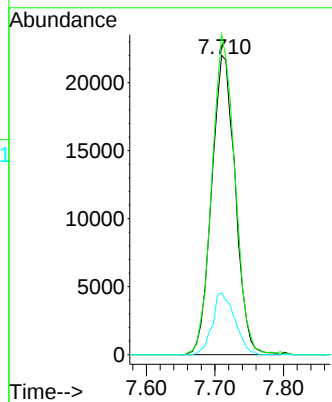
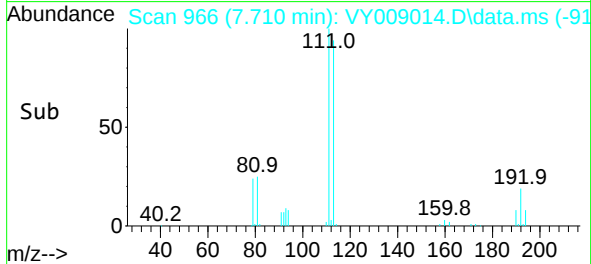


#35
Dibromofluoromethane
Concen: 53.999 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009014.D
Acq: 23 May 2022 18:15

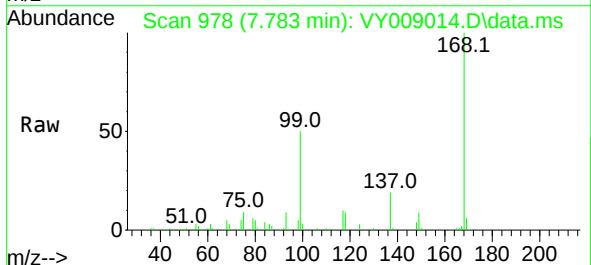
Instrument :
MSVOA_Y
ClientSampleId :
284



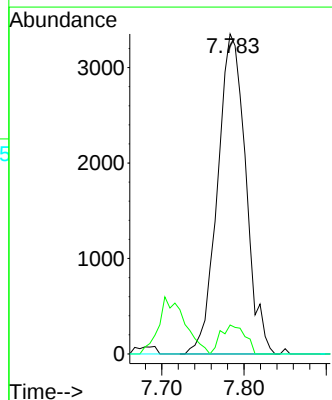
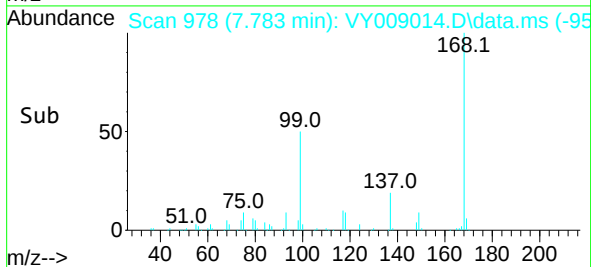
Tgt Ion:113 Resp: 52695
Ion Ratio Lower Upper
113 100
111 104.6 82.6 124.0
192 19.6 17.6 26.4

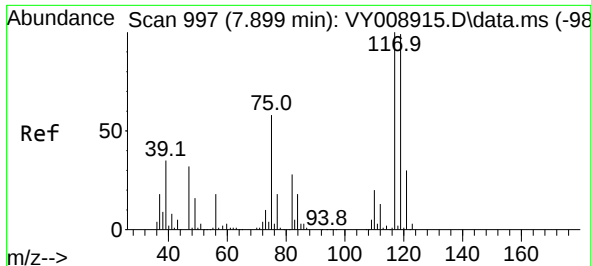


#36
1,1-Dichloropropene
Concen: 4.806 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY009014.D
Acq: 23 May 2022 18:15



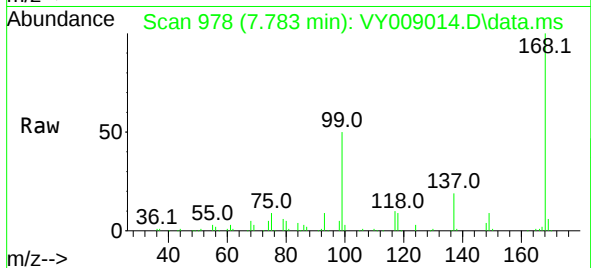
Tgt Ion: 75 Resp: 7981
Ion Ratio Lower Upper
75 100
110 7.8 17.1 51.2#
77 0.0 24.4 36.6#



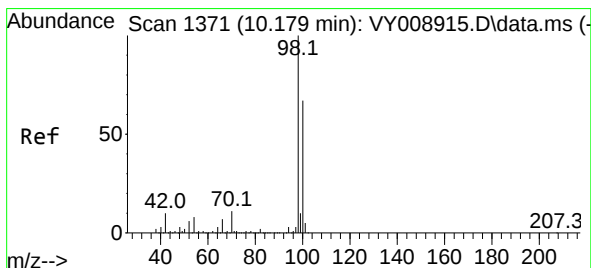
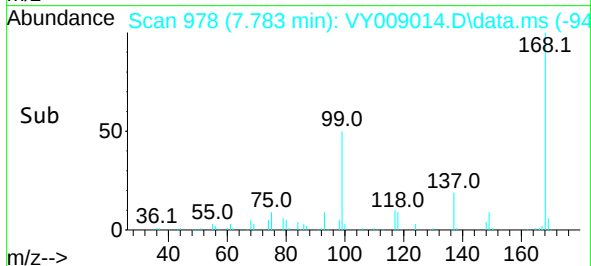
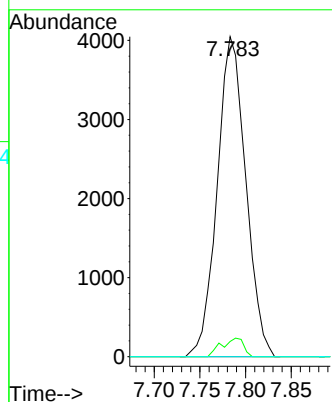


#38
Carbon Tetrachloride
Concen: 5.072 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY009014.D
Acq: 23 May 2022 18:15

Instrument :
MSVOA_Y
ClientSampleId :
284

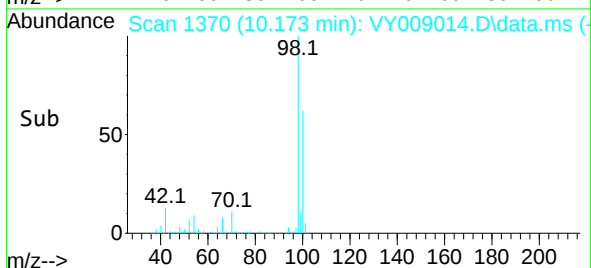
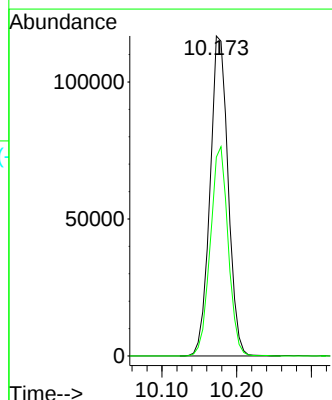
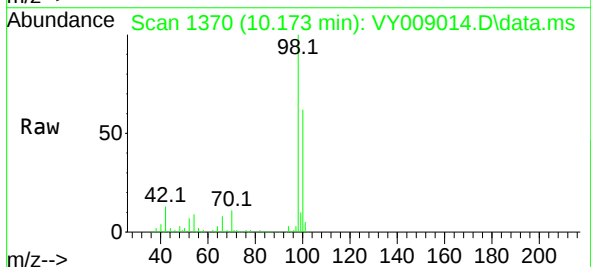


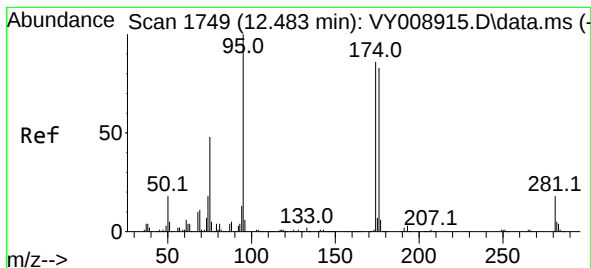
Tgt Ion:117 Resp: 8812
Ion Ratio Lower Upper
117 100
119 4.7 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.574 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY009014.D
Acq: 23 May 2022 18:15

Tgt Ion: 98 Resp: 196468
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2

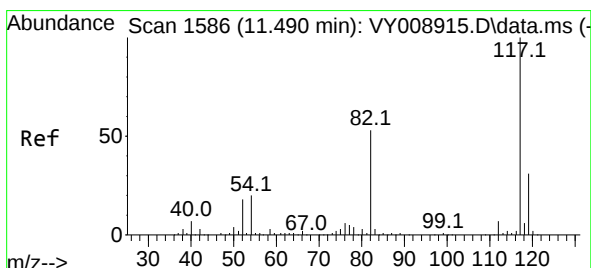
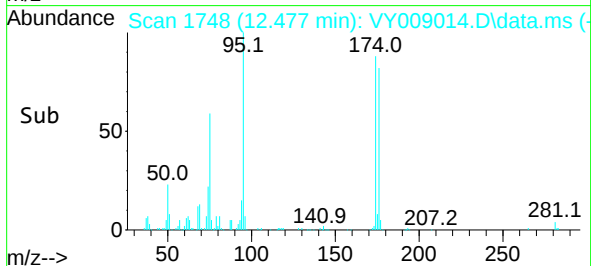
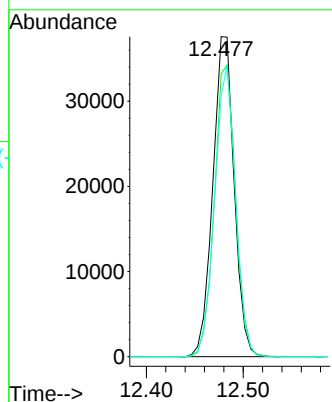
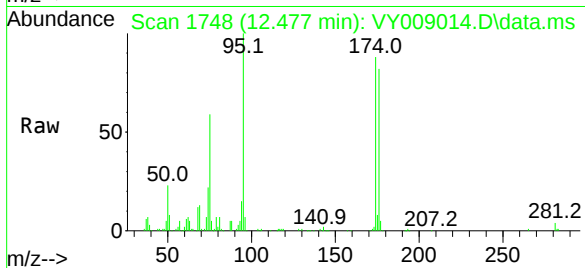




#62
4-Bromofluorobenzene
Concen: 39.685 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009014.D
Acq: 23 May 2022 18:15

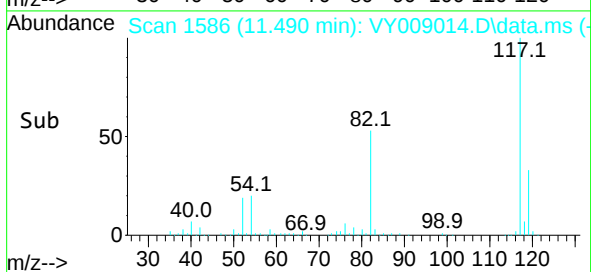
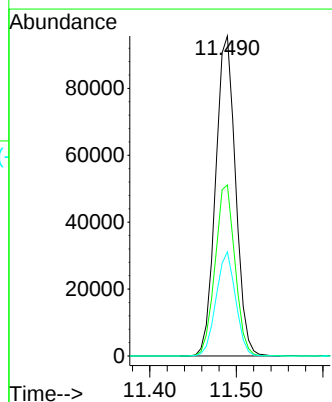
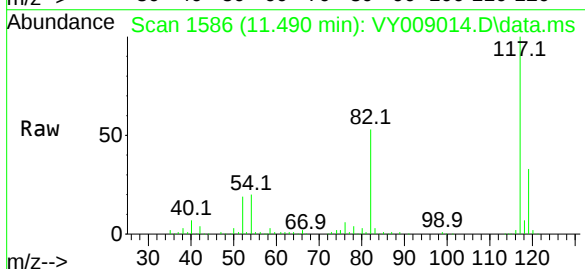
Instrument :
MSVOA_Y
ClientSampleId :
284

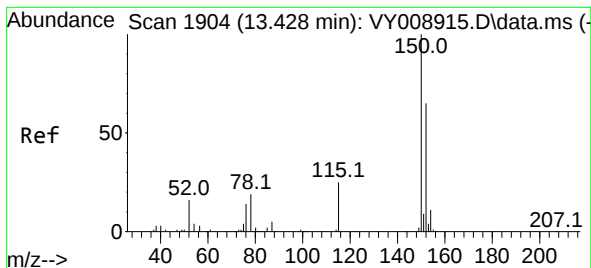
Tgt Ion: 95 Resp: 57632
Ion Ratio Lower Upper
95 100
174 90.7 0.0 177.0
176 88.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009014.D
Acq: 23 May 2022 18:15

Tgt Ion: 117 Resp: 153014
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.4
119 32.6 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY009014.D

Acq: 23 May 2022 18:15

Instrument :

MSVOA_Y

ClientSampleId :

284

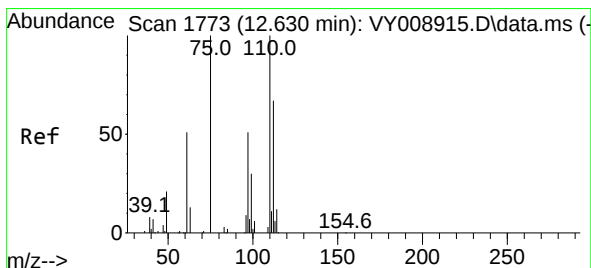
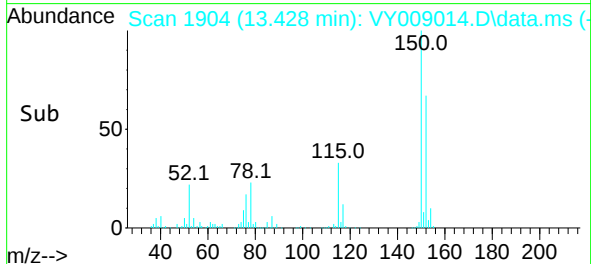
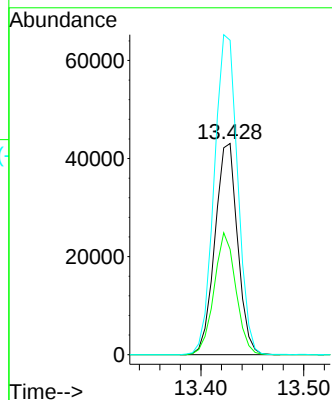
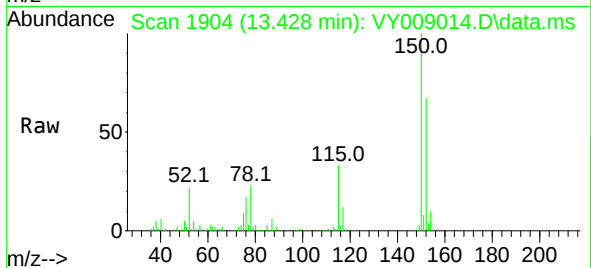
Tgt Ion:152 Resp: 65859

Ion Ratio Lower Upper

152 100

115 55.6 28.2 84.7

150 156.8 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 46.261 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY009014.D

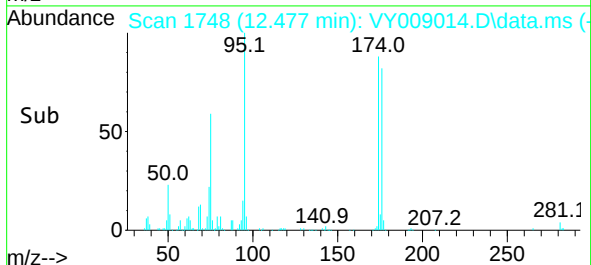
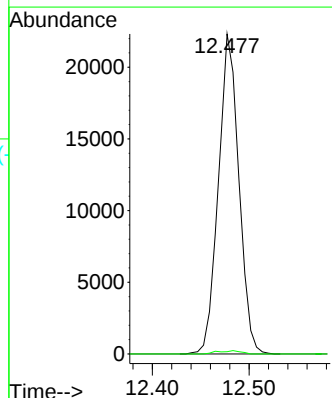
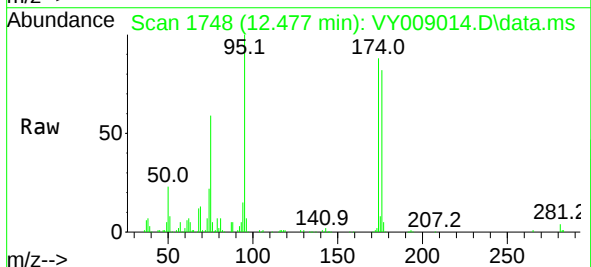
Acq: 23 May 2022 18:15

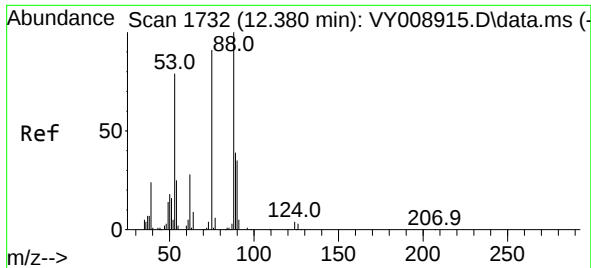
Tgt Ion: 75 Resp: 32718

Ion Ratio Lower Upper

75 100

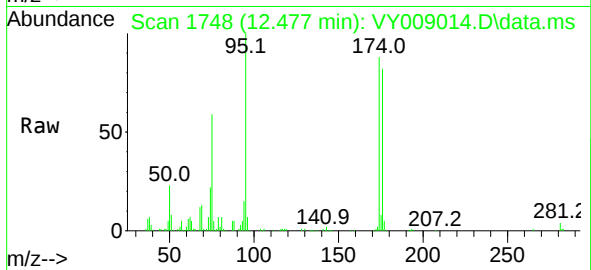
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.951 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY009014.D
 Acq: 23 May 2022 18:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 284



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.0	37.0	55.4#

