

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100422\
 Data File : VY010788.D
 Acq On : 04 Oct 2022 12:31
 Operator : KP/MD
 Sample : N4946-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 05 07:26:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

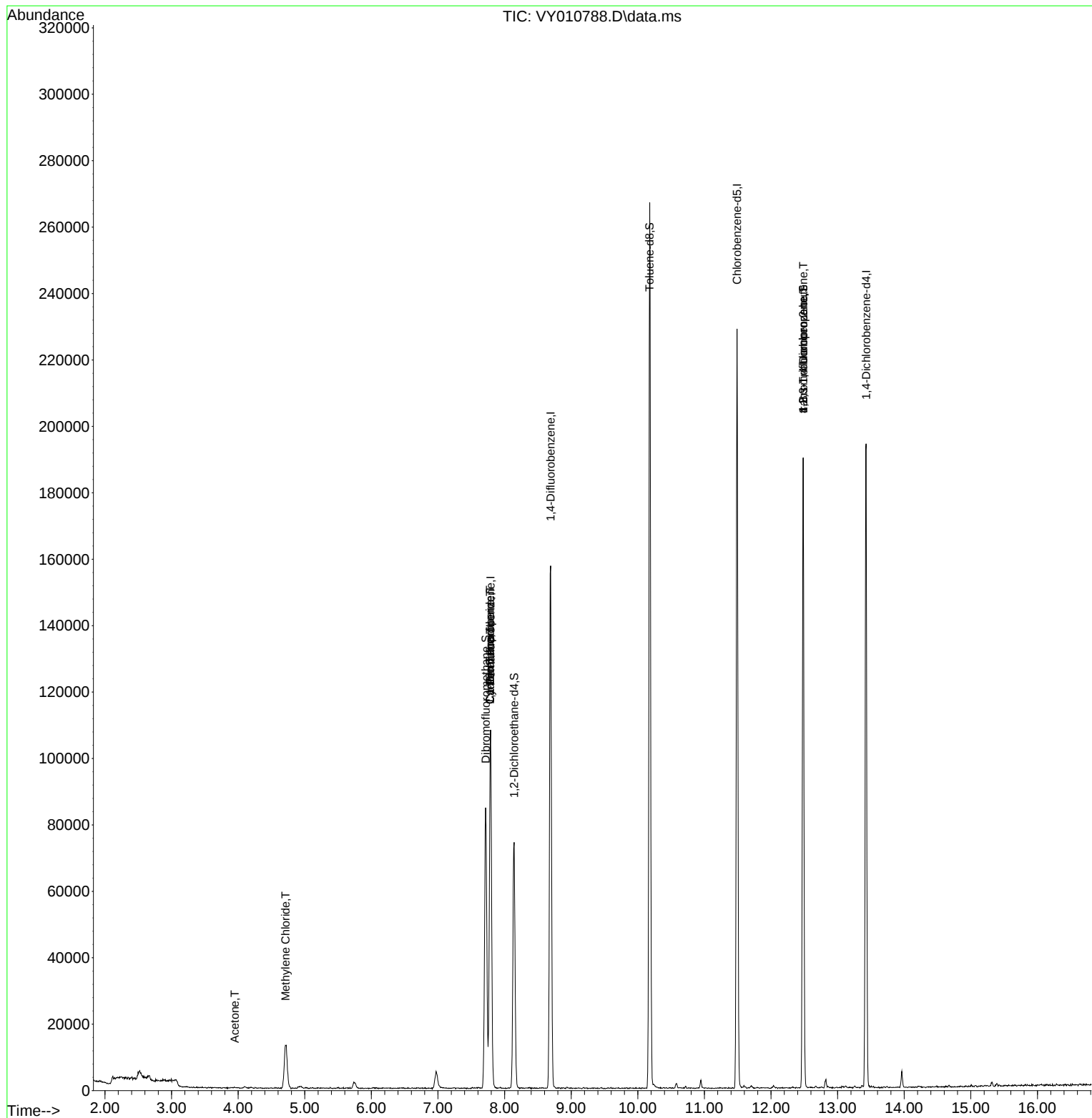
Internal Standards						
1) Pentafluorobenzene	7.789	168	85299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	137601	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	125004	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	52311	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	58870	68.088	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 136.180%	
35) Dibromofluoromethane	7.716	113	59552	65.198	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 130.400%	
50) Toluene-d8	10.179	98	175936	56.322	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.640%	
62) 4-Bromofluorobenzene	12.483	95	56650	46.135	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.260%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.917	59	391	Below Cal	#	77
16) Acetone	3.948	43	312	1.421	ug/l #	47
20) Methylene Chloride	4.710	84	10496	6.351	ug/l	88
31) Cyclohexane	7.783	56	1789	1.156	ug/l #	7
36) 1,1-Dichloropropene	7.783	75	6436	4.881	ug/l #	51
38) Carbon Tetrachloride	7.783	117	8376	6.099	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	28738	54.248	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	28738	113.320	ug/l #	7

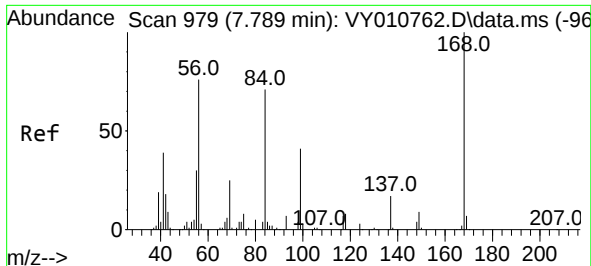
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100422\
Data File : VY010788.D
Acq On : 04 Oct 2022 12:31
Operator : KP/MD
Sample : N4946-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 05 07:26:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 04 07:26:22 2022
Response via : Initial Calibration

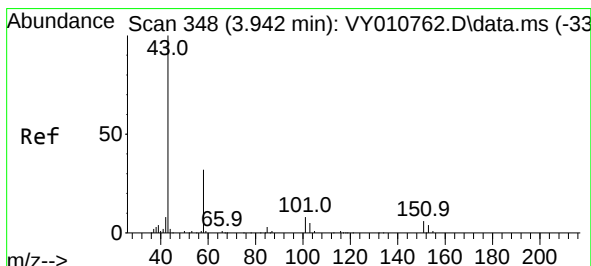
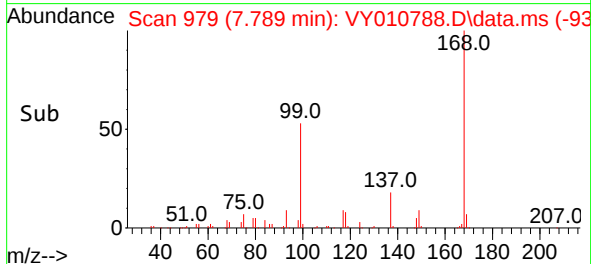
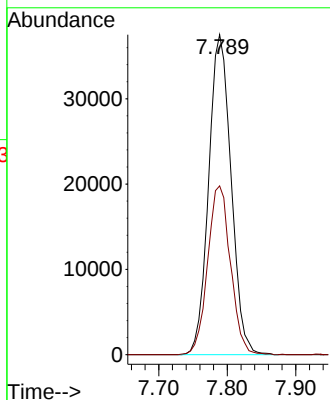
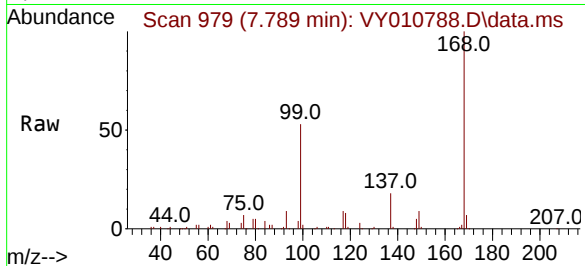




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010788.D
Acq: 04 Oct 2022 12:31

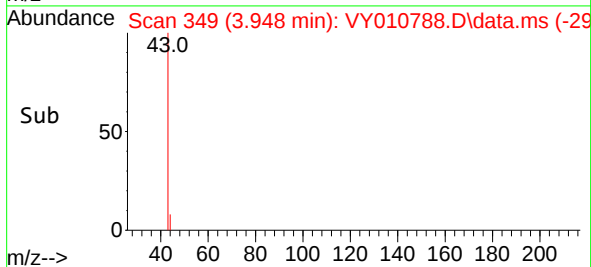
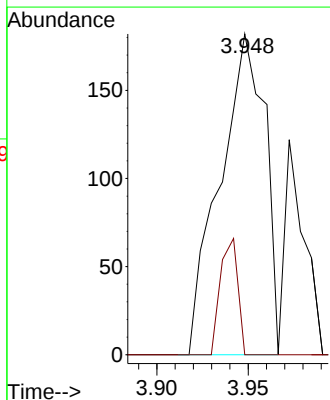
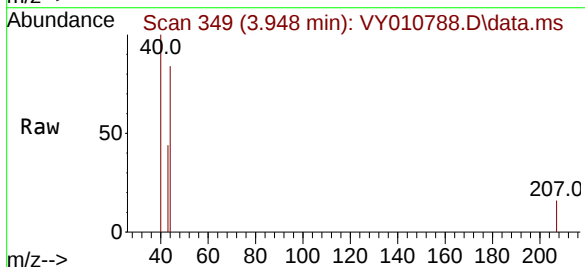
Instrument :
MSVOA_Y
ClientSampleId :

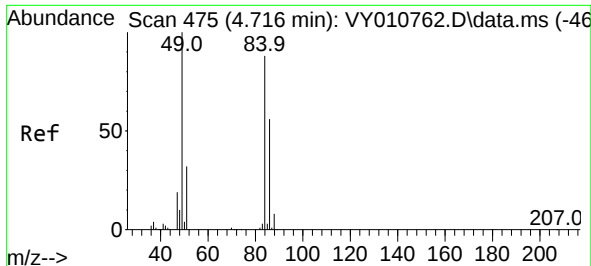
Tgt Ion:168 Resp: 85299
Ion Ratio Lower Upper
168 100
99 52.7 46.9 70.3



#16
Acetone
Concen: 1.421 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY010788.D
Acq: 04 Oct 2022 12:31

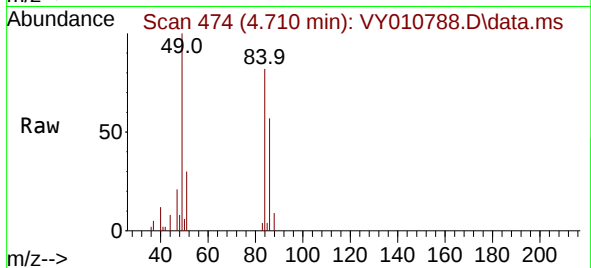
Tgt Ion: 43 Resp: 312
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



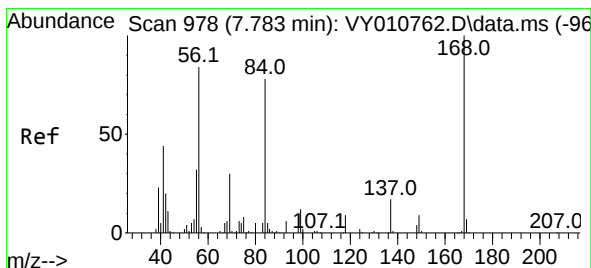
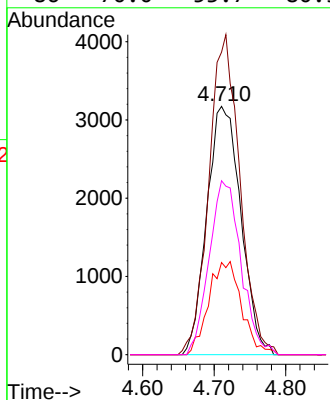
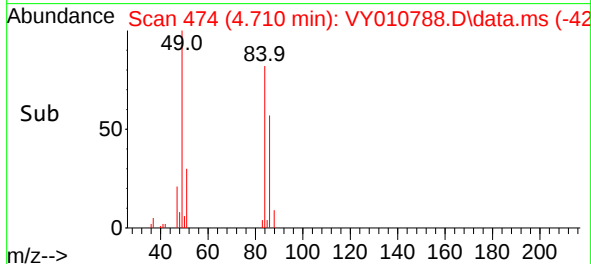


#20
Methylene Chloride
Concen: 6.351 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010788.D
Acq: 04 Oct 2022 12:31

Instrument :
MSVOA_Y
ClientSampleId :

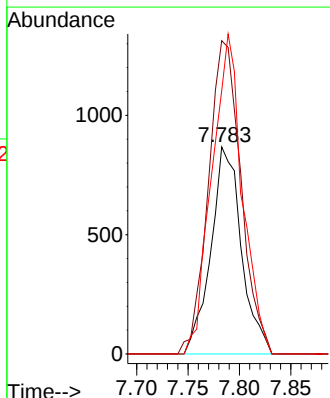
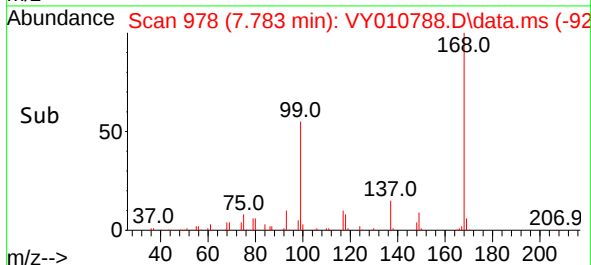
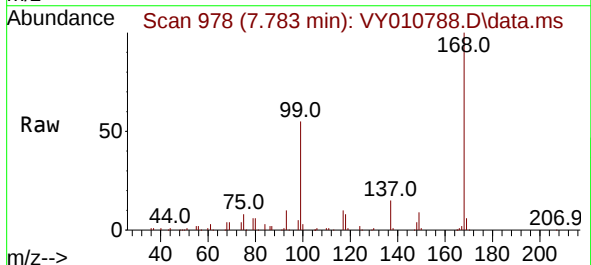


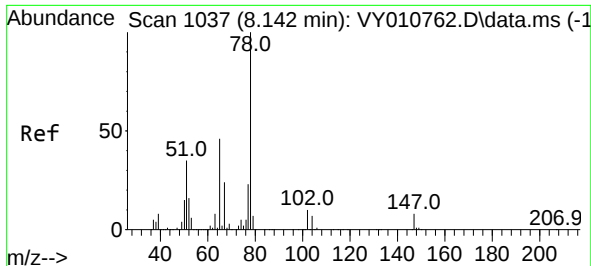
Tgt Ion:	84	Resp:	10496
Ion	Ratio	Lower	Upper
84	100		
49	121.9	114.4	171.6
51	37.1	35.3	52.9
86	70.0	53.7	80.5



#31
Cyclohexane
Concen: 1.156 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY010788.D
Acq: 04 Oct 2022 12:31

Tgt Ion:	56	Resp:	1789
Ion	Ratio	Lower	Upper
56	100		
69	151.3	26.7	40.1#
84	127.1	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 68.088 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY010788.D

Acq: 04 Oct 2022 12:31

Instrument :

MSVOA_Y

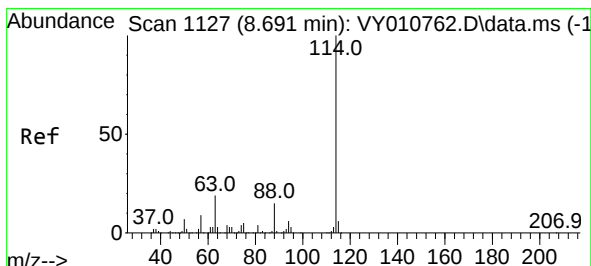
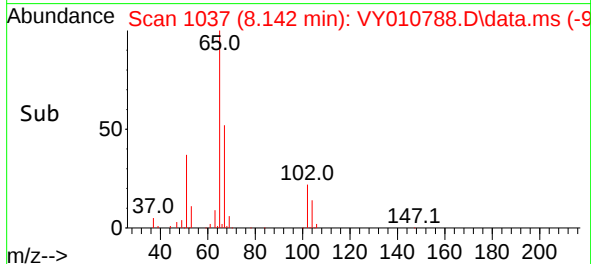
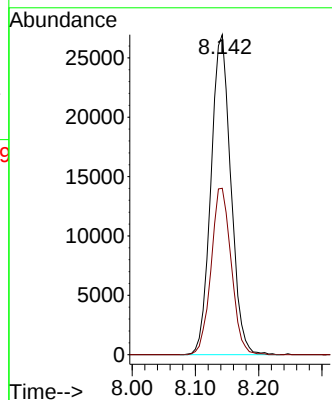
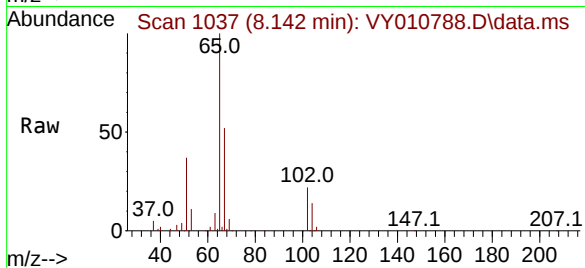
ClientSampleId :

Tgt Ion: 65 Resp: 58870

Ion Ratio Lower Upper

65 100

67 52.6 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY010788.D

Acq: 04 Oct 2022 12:31

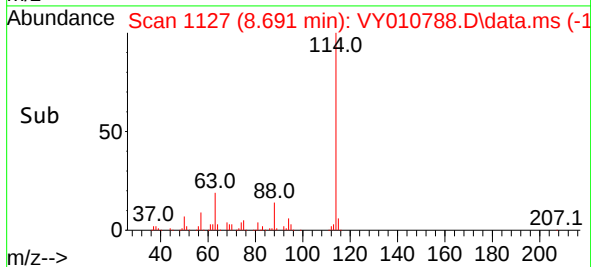
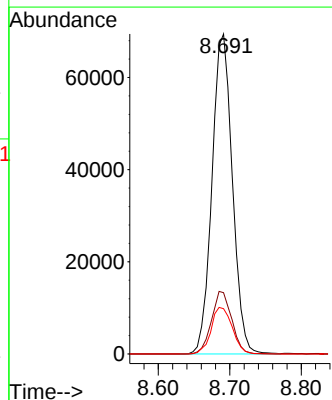
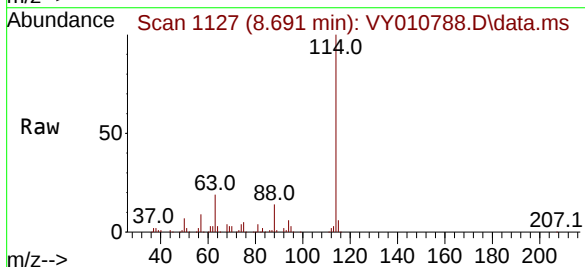
Tgt Ion: 114 Resp: 137601

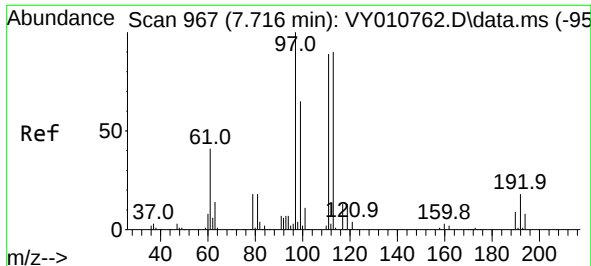
Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

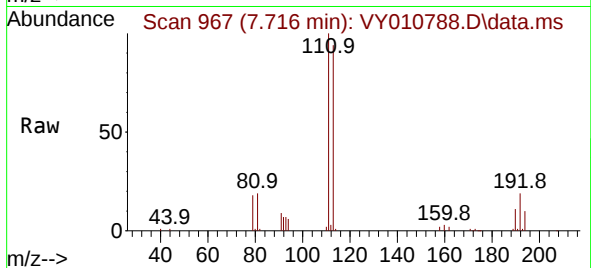
88 14.2 0.0 31.8



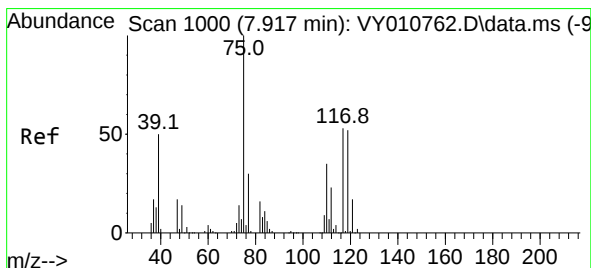
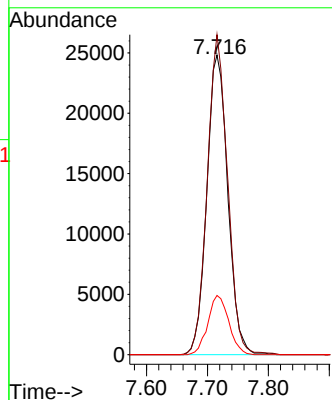
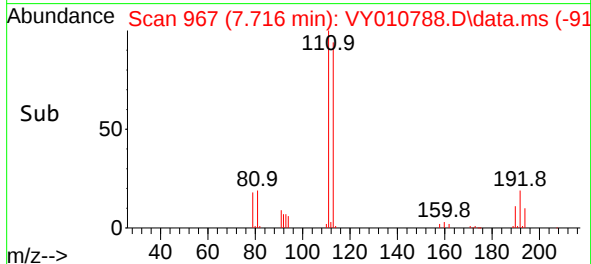


#35
Dibromofluoromethane
Concen: 65.198 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY010788.D
Acq: 04 Oct 2022 12:31

Instrument :
MSVOA_Y
ClientSampleId :

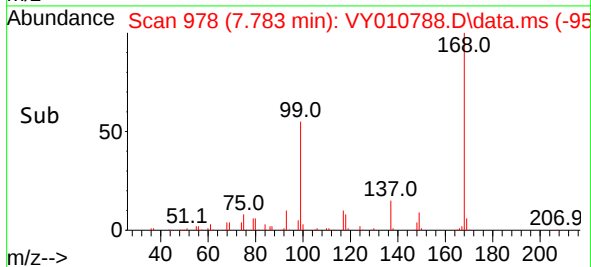
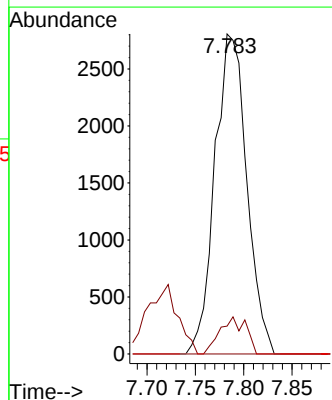
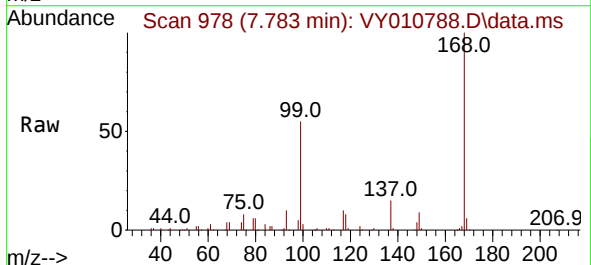


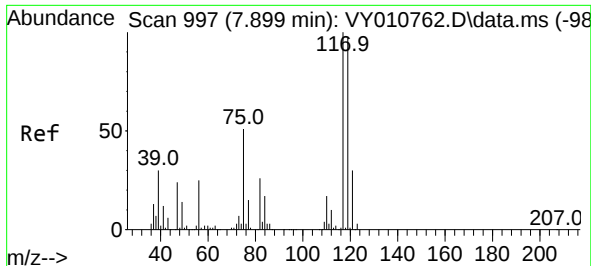
Tgt Ion:113 Resp: 59552
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 19.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.881 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY010788.D
Acq: 04 Oct 2022 12:31

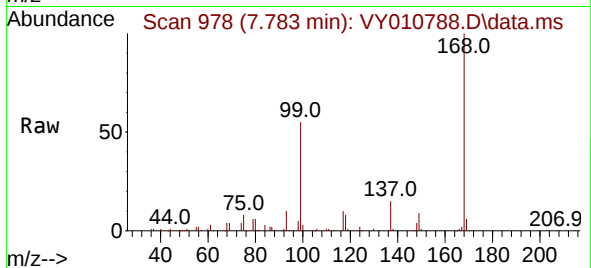
Tgt Ion: 75 Resp: 6436
Ion Ratio Lower Upper
75 100
110 9.5 17.1 51.2#
77 0.0 24.4 36.6#



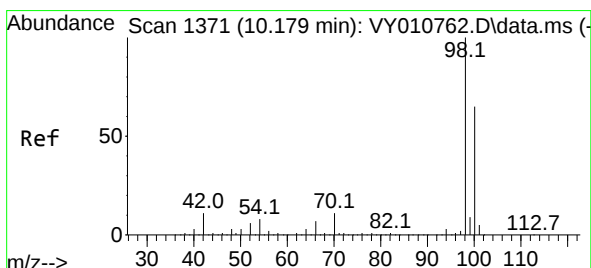
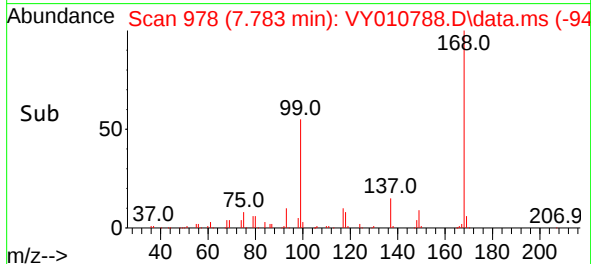
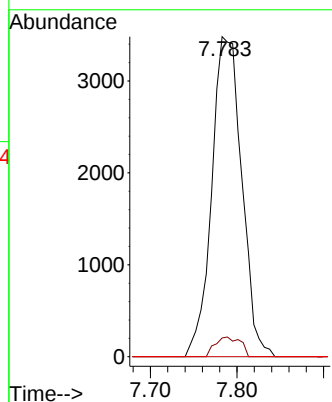


#38
Carbon Tetrachloride
Concen: 6.099 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY010788.D
Acq: 04 Oct 2022 12:31

Instrument :
MSVOA_Y
ClientSampleId :

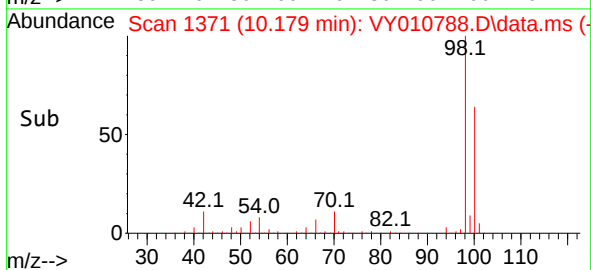
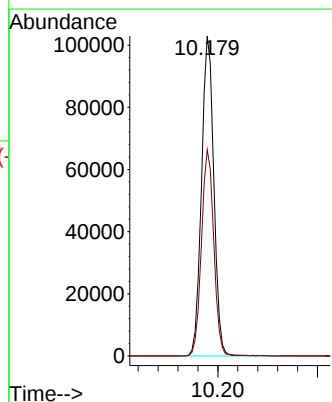
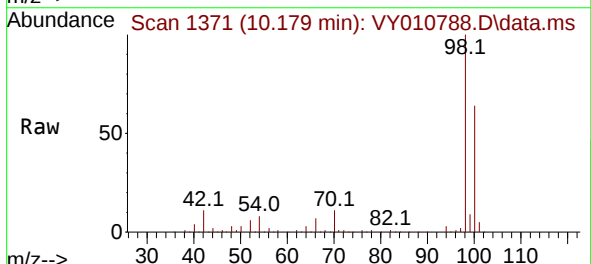


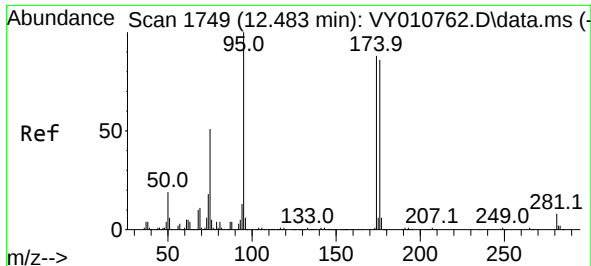
Tgt Ion:117 Resp: 8376
Ion Ratio Lower Upper
117 100
119 5.9 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 56.322 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010788.D
Acq: 04 Oct 2022 12:31

Tgt Ion: 98 Resp: 175936
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2

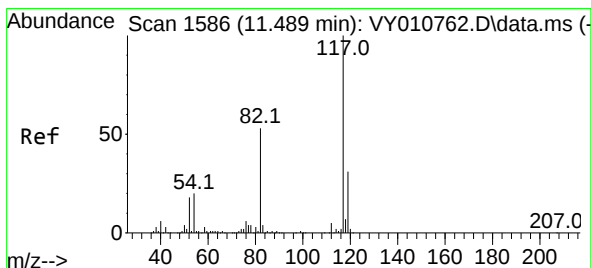
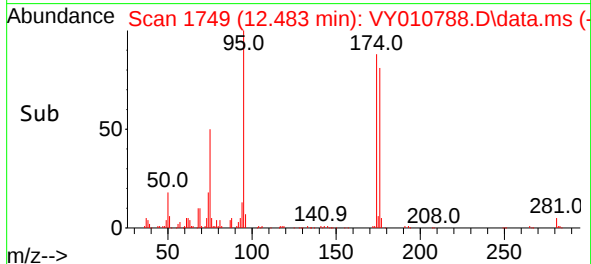
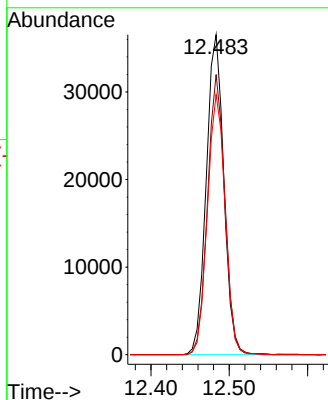
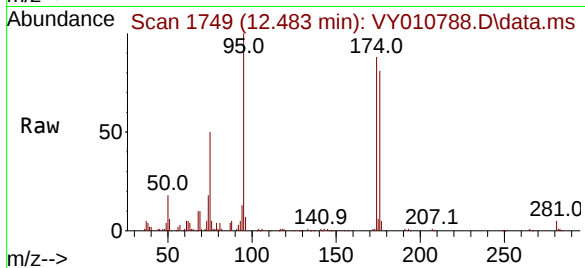




#62
4-Bromofluorobenzene
Concen: 46.135 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010788.D
Acq: 04 Oct 2022 12:31

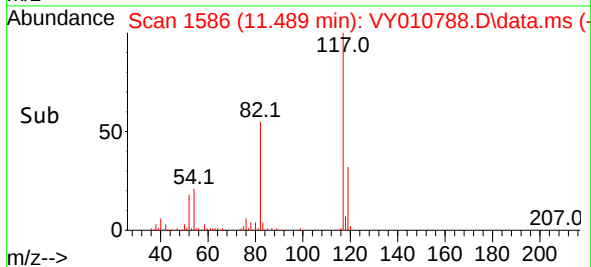
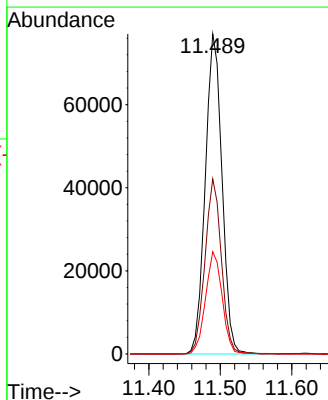
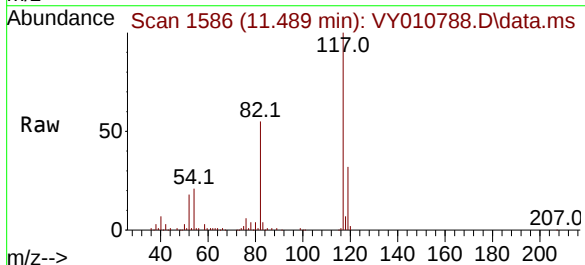
Instrument :
MSVOA_Y
ClientSampleId :

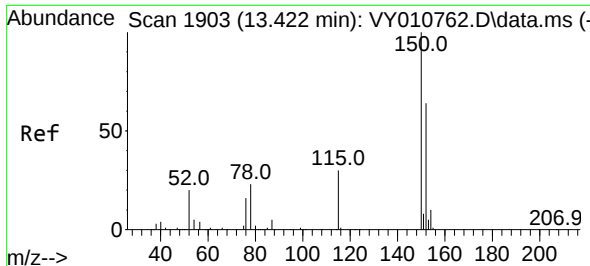
Tgt Ion: 95 Resp: 56650
Ion Ratio Lower Upper
95 100
174 86.9 0.0 177.0
176 82.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY010788.D
Acq: 04 Oct 2022 12:31

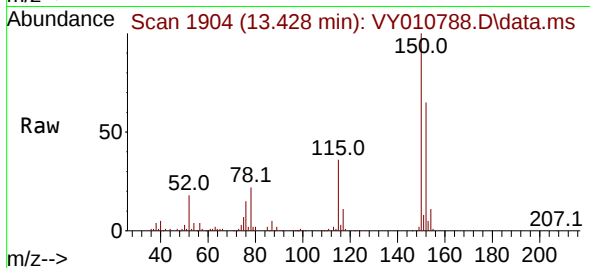
Tgt Ion: 117 Resp: 125004
Ion Ratio Lower Upper
117 100
82 54.7 43.0 64.4
119 32.0 25.4 38.0



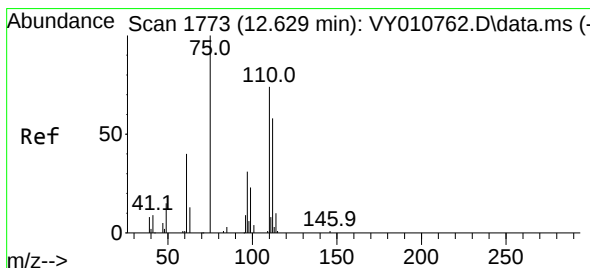
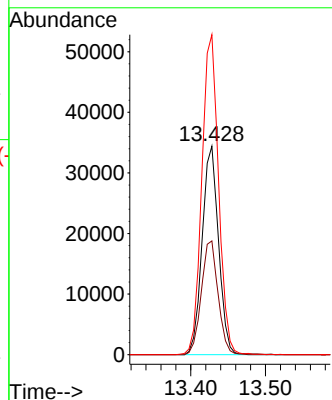
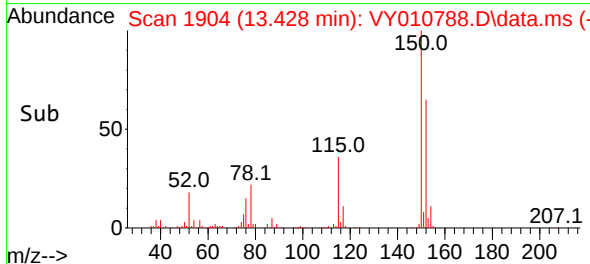


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY010788.D
 Acq: 04 Oct 2022 12:31

Instrument :
 MSVOA_Y
 ClientSampleId :

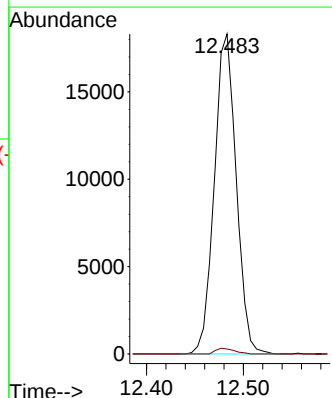
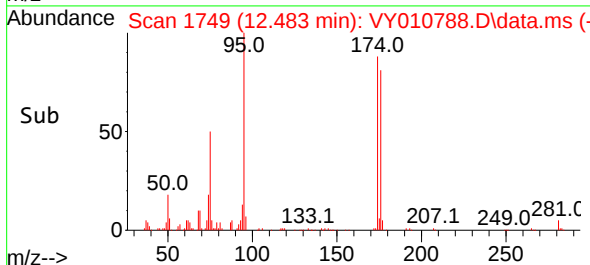
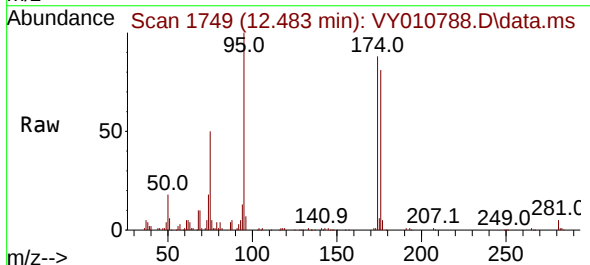


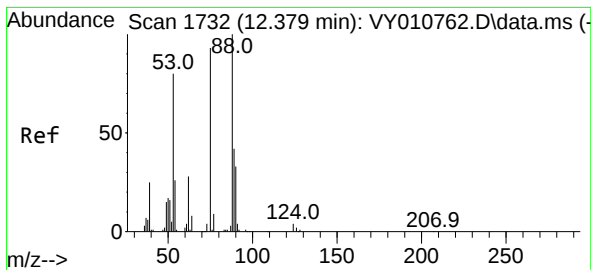
Tgt Ion:152 Resp: 52311
 Ion Ratio Lower Upper
 152 100
 115 55.6 28.2 84.7
 150 156.6 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 54.248 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY010788.D
 Acq: 04 Oct 2022 12:31

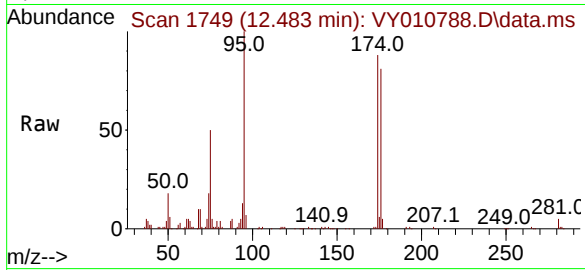
Tgt Ion: 75 Resp: 28738
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 113.320 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY010788.D
 Acq: 04 Oct 2022 12:31

Instrument :
 MSVOA_Y
 ClientSampleId :



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

