

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040323\
 Data File : VY013183.D
 Acq On : 03 Apr 2023 18:05
 Operator : KP/MD
 Sample : 02166-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-01-033123

Quant Time: Apr 03 23:11:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 03 13:40:57 2023
 Response via : Initial Calibration

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

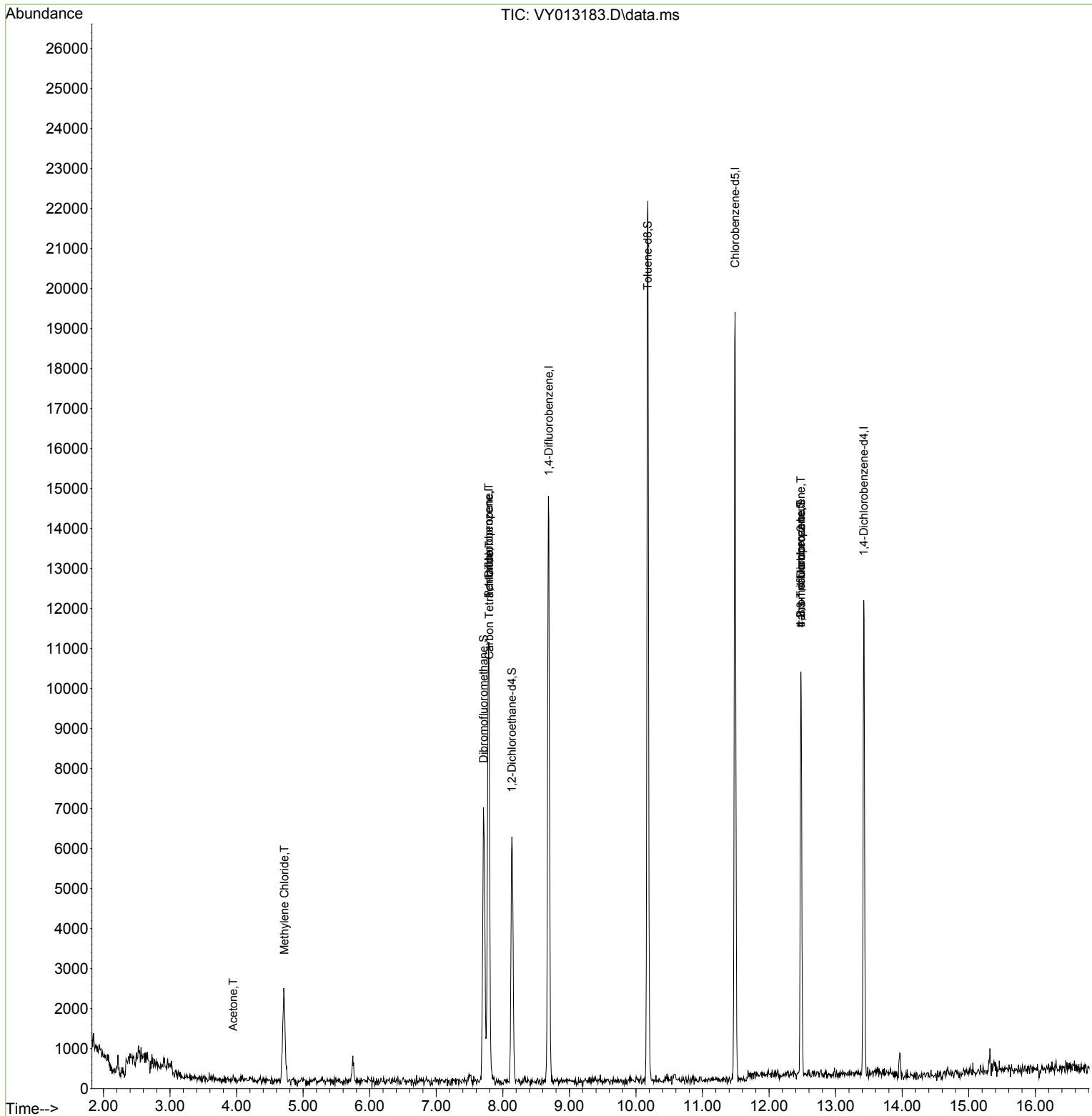
Internal Standards						
1) Pentafluorobenzene	7.789	168	9434	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	12931	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	11248	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	3241	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	5290	52.177	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.360%
35) Dibromofluoromethane	7.710	113	4671	55.295	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.600%
50) Toluene-d8	10.179	98	14740	46.221	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.440%
62) 4-Bromofluorobenzene	12.477	95	2928	28.207	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	56.420%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	76	2.451	ug/l #	44
20) Methylene Chloride	4.716	84	1618	10.921	ug/l #	80
36) 1,1-Dichloropropene	7.789	75	717	5.638	ug/l #	41
38) Carbon Tetrachloride	7.795	117	1003	7.148	ug/l #	12
76) 1,2,3-Trichloropropane	12.477	75	1682	46.197	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	1682	103.026	ug/l #	13

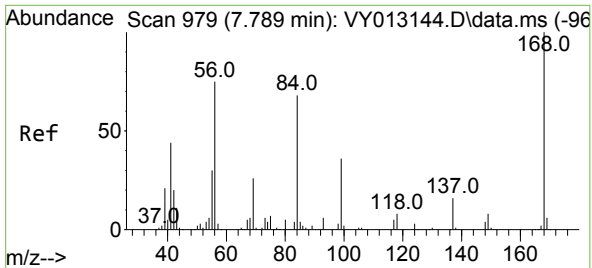
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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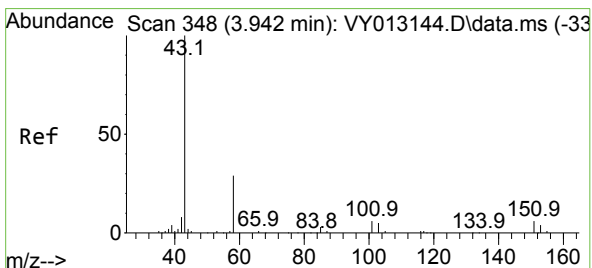
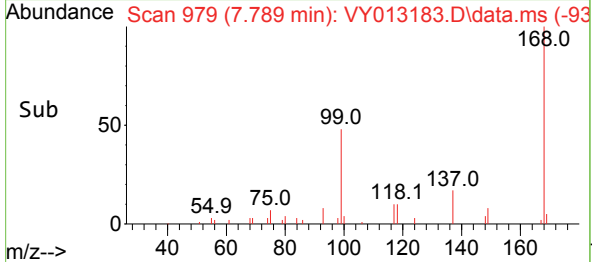
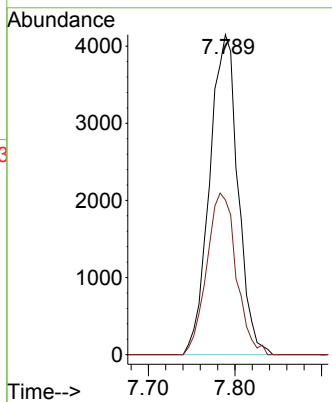
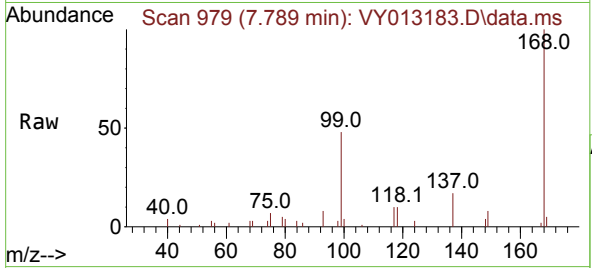




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VY013183.D
 Acq: 03 Apr 2023 18:05

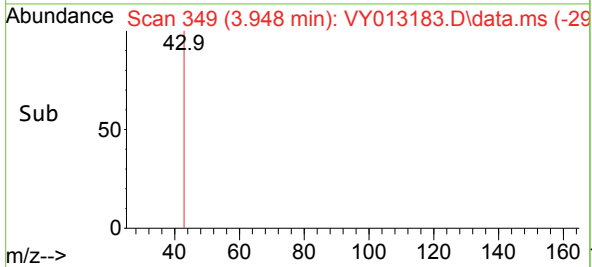
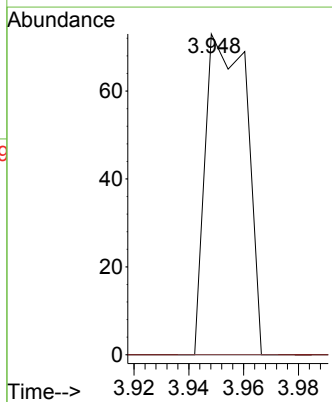
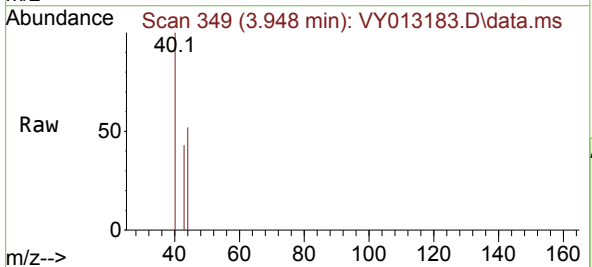
Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-01-033123

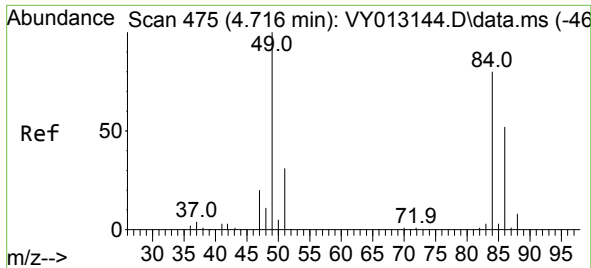
Tgt Ion:168 Resp: 9434
 Ion Ratio Lower Upper
 168 100
 99 48.4 41.7 62.5



#16
 Acetone
 Concen: 2.451 ug/l
 RT: 3.948 min Scan# 349
 Delta R.T. 0.006 min
 Lab File: VY013183.D
 Acq: 03 Apr 2023 18:05

Tgt Ion: 43 Resp: 76
 Ion Ratio Lower Upper
 43 100
 58 0.0 24.2 36.2#

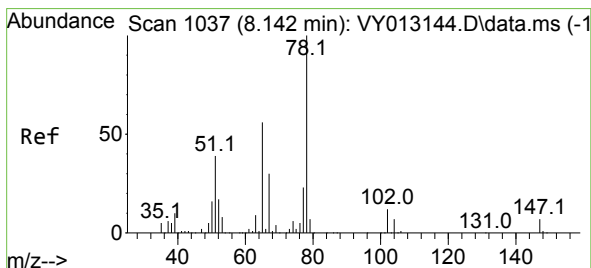
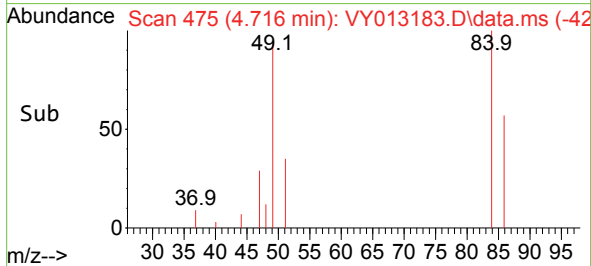
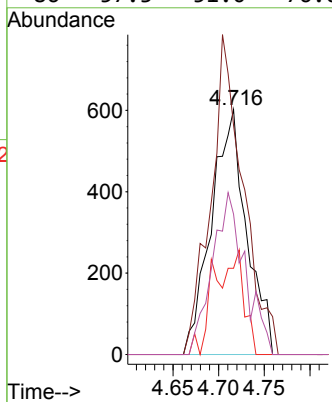
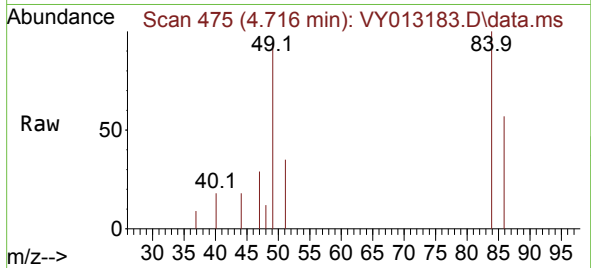




#20
 Methylene Chloride
 Concen: 10.921 ug/l
 RT: 4.716 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VY013183.D
 Acq: 03 Apr 2023 18:05

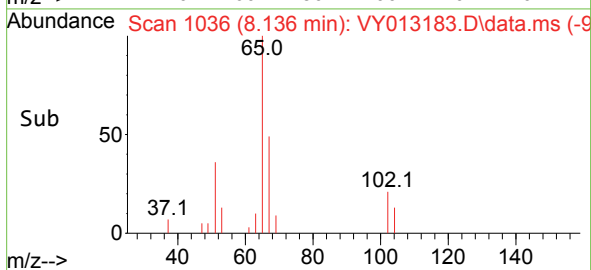
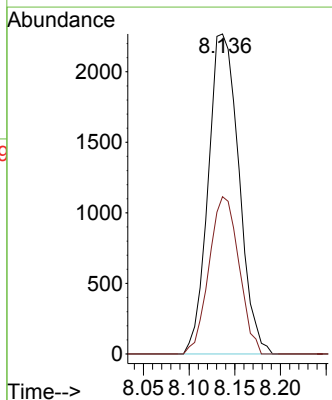
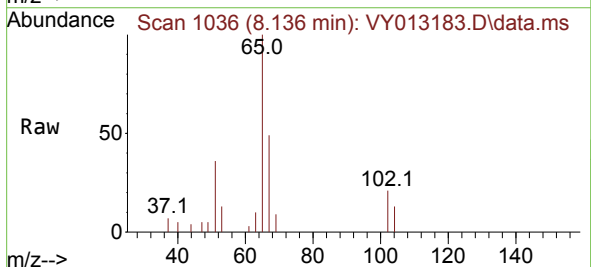
Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-01-033123

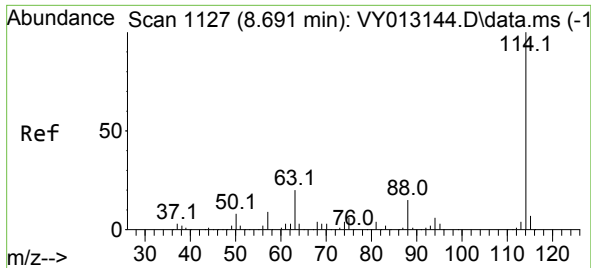
Tgt Ion	Resp	Lower	Upper
84	1618		
49	93.5	102.6	154.0#
51	35.2	31.9	47.9
86	57.3	51.0	76.6



#33
 1,2-Dichloroethane-d4
 Concen: 52.177 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VY013183.D
 Acq: 03 Apr 2023 18:05

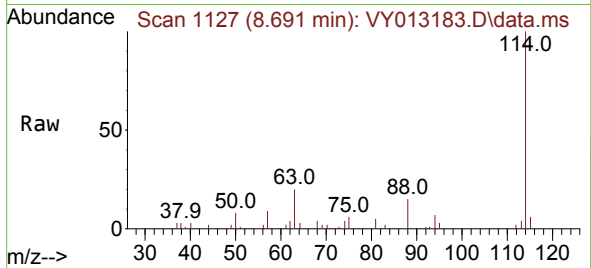
Tgt Ion	Resp	Lower	Upper
65	5290		
67	48.0	0.0	104.0





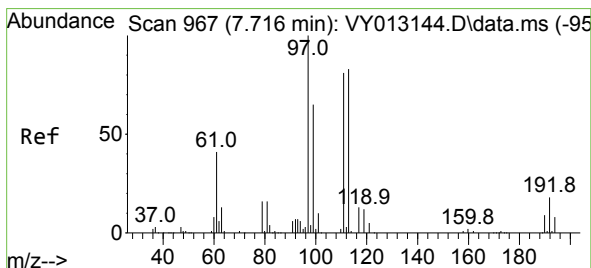
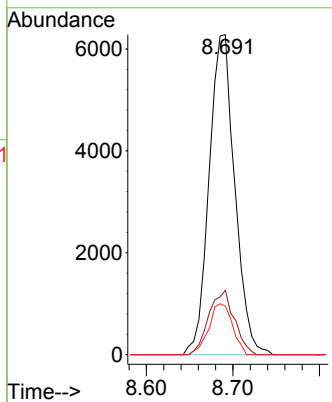
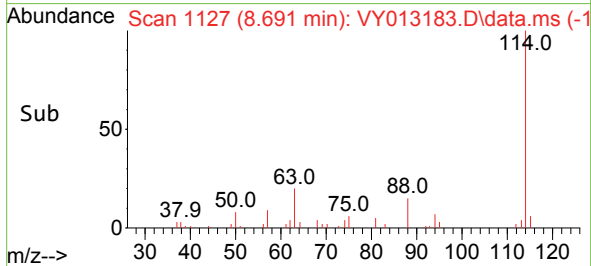
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY013183.D
 Acq: 03 Apr 2023 18:05

Instrument : MSVOA_Y
 ClientSampleId : HR-01-033123

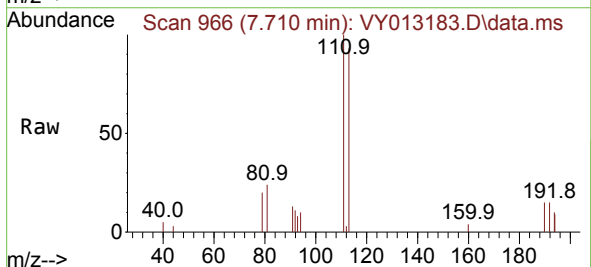


Tgt Ion:114 Resp: 12931

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	37.4
88	15.2	0.0	28.6

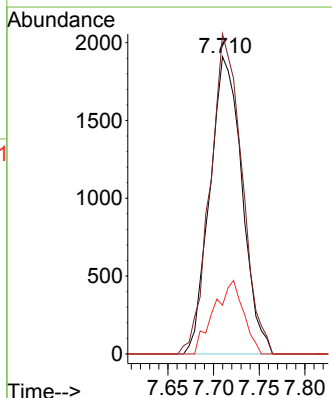
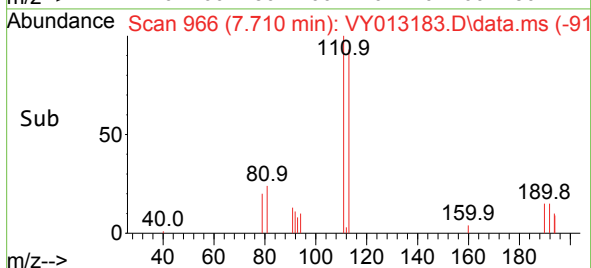


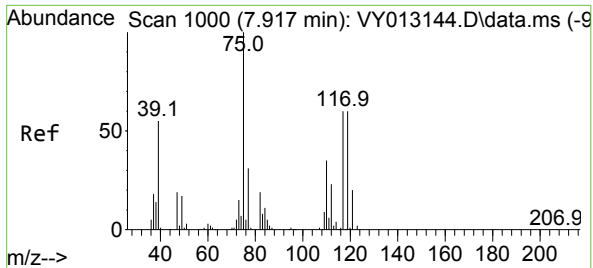
#35
 Dibromofluoromethane
 Concen: 55.295 ug/l
 RT: 7.710 min Scan# 966
 Delta R.T. -0.006 min
 Lab File: VY013183.D
 Acq: 03 Apr 2023 18:05



Tgt Ion:113 Resp: 4671

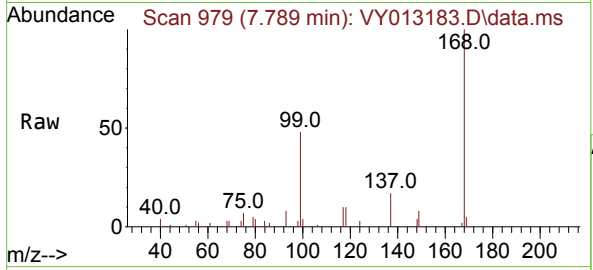
Ion	Ratio	Lower	Upper
113	100		
111	106.1	82.2	123.2
192	22.7	16.8	25.2



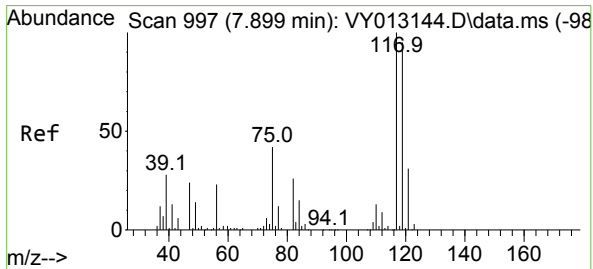
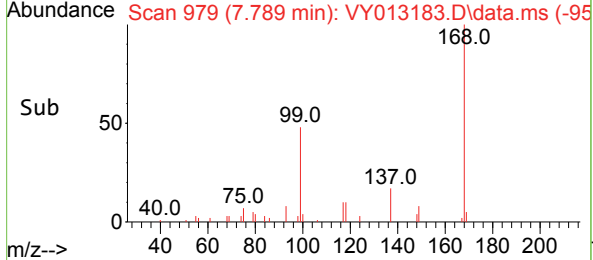
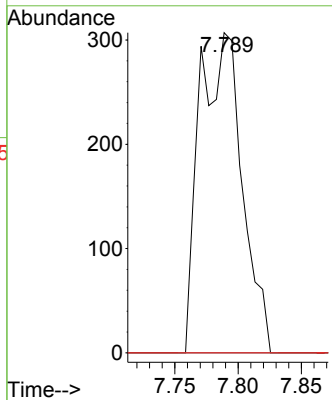


#36
 1,1-Dichloropropene
 Concen: 5.638 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY013183.D
 Acq: 03 Apr 2023 18:05

Instrument : MSVOA_Y
 ClientSampleId : HR-01-033123

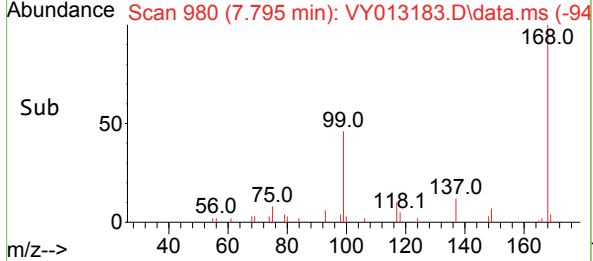
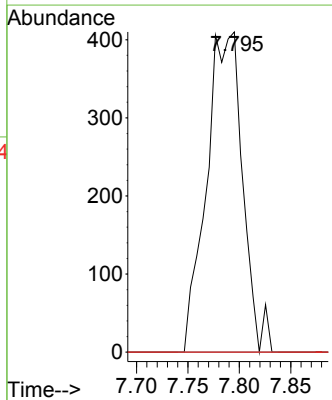
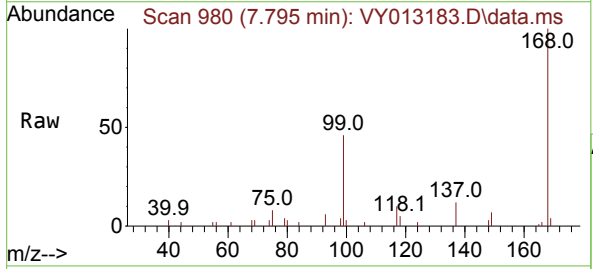


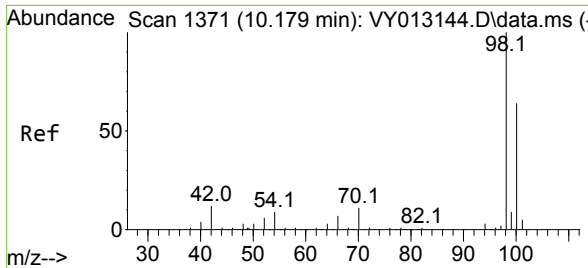
Tgt Ion	Resp	Lower	Upper
75	100		
110	0.0	17.8	53.3#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 7.148 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.104 min
 Lab File: VY013183.D
 Acq: 03 Apr 2023 18:05

Tgt Ion	Resp	Lower	Upper
117	100		
119	0.0	77.2	115.8#
121	0.0	24.7	37.1#

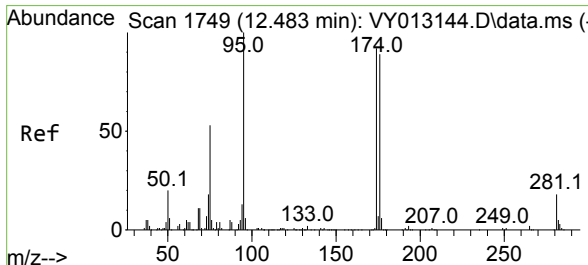
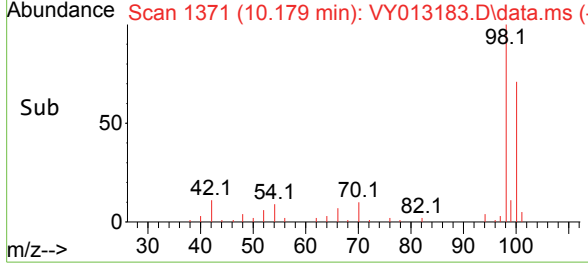
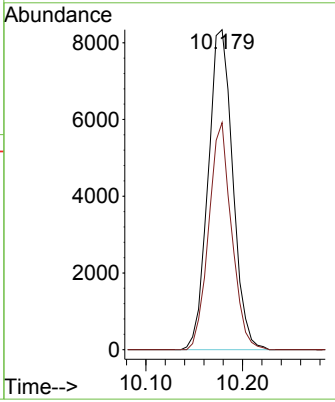
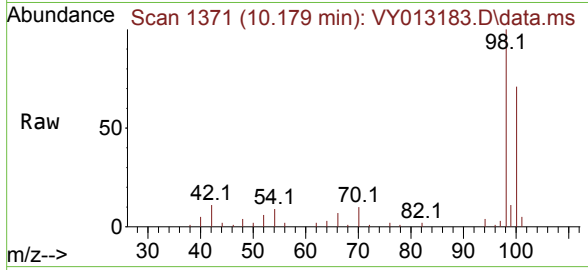




#50
 Toluene-d8
 Concen: 46.221 ug/l
 RT: 10.179 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY013183.D
 Acq: 03 Apr 2023 18:05

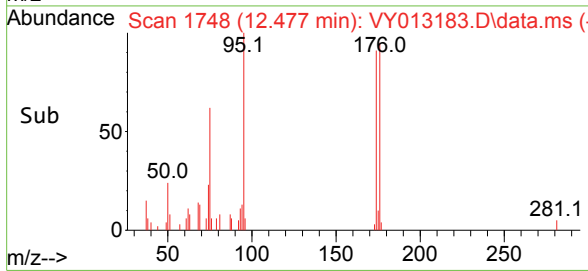
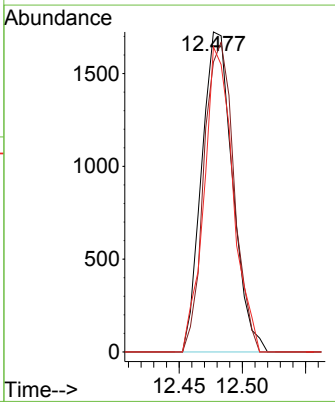
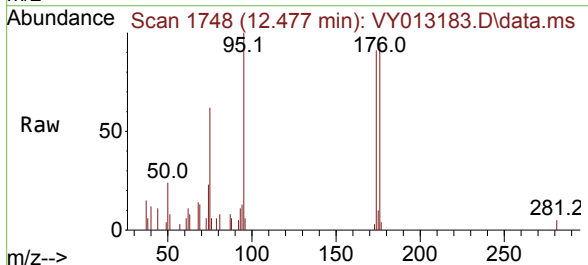
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 ClientSampleId : HR-01-033123

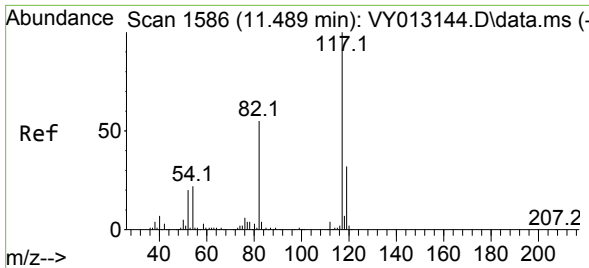
Tgt Ion: 98 Resp: 14740
 Ion Ratio Lower Upper
 98 100
 100 65.7 50.9 76.3



#62
 4-Bromofluorobenzene
 Concen: 28.207 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.006 min
 Lab File: VY013183.D
 Acq: 03 Apr 2023 18:05

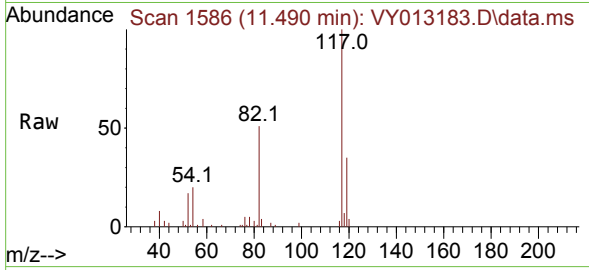
Tgt Ion: 95 Resp: 2928
 Ion Ratio Lower Upper
 95 100
 174 94.1 0.0 176.6
 176 89.5 0.0 170.2





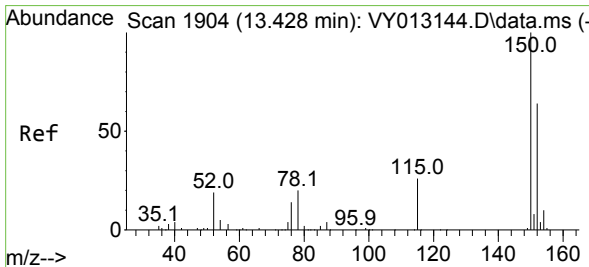
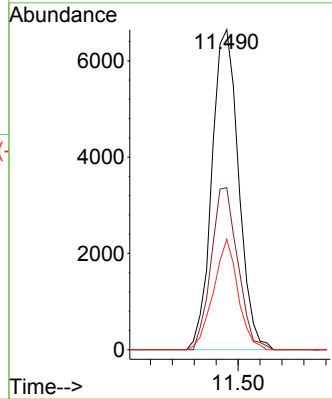
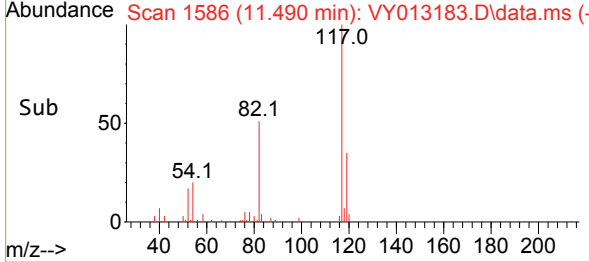
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.490 min Scan# 11
 Delta R.T. 0.001 min
 Lab File: VY013183.D
 Acq: 03 Apr 2023 18:05

Instrument : MSVOA_Y
 ClientSampleId : HR-01-033123

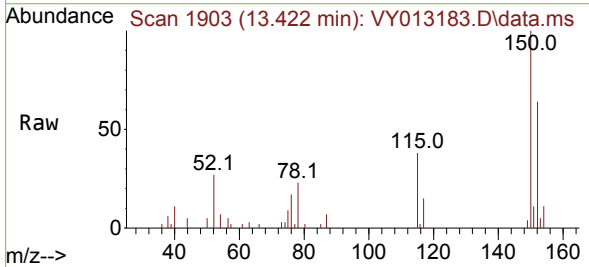


Tgt Ion:117 Resp: 11248

Ion	Ratio	Lower	Upper
117	100		
82	50.6	45.4	68.0
119	34.5	25.6	38.4

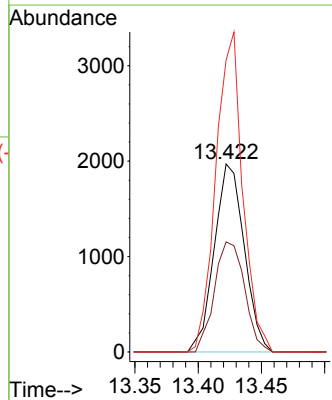
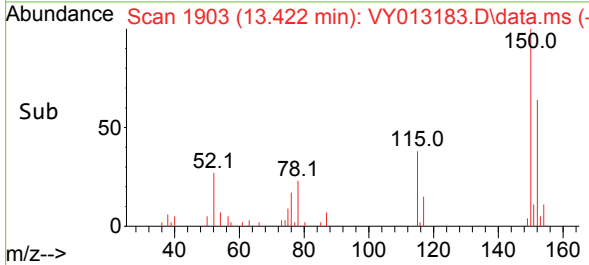


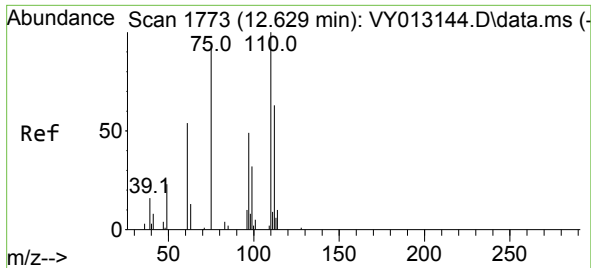
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY013183.D
 Acq: 03 Apr 2023 18:05



Tgt Ion:152 Resp: 3241

Ion	Ratio	Lower	Upper
152	100		
115	59.1	27.1	81.3
150	152.7	0.0	347.8

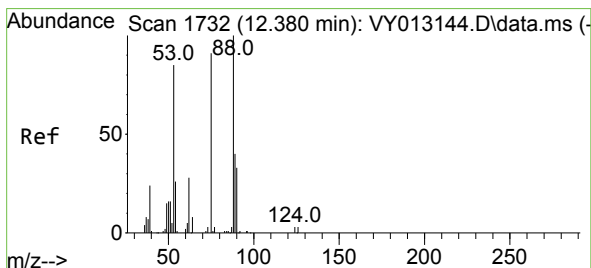
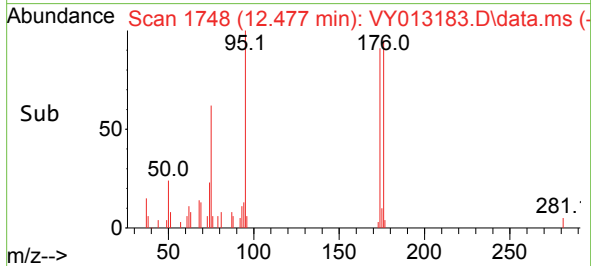
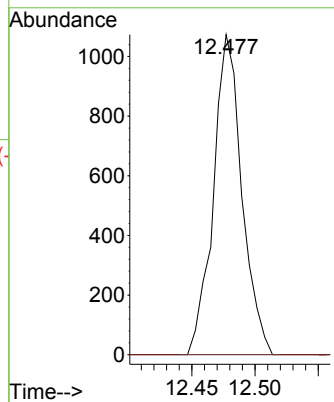
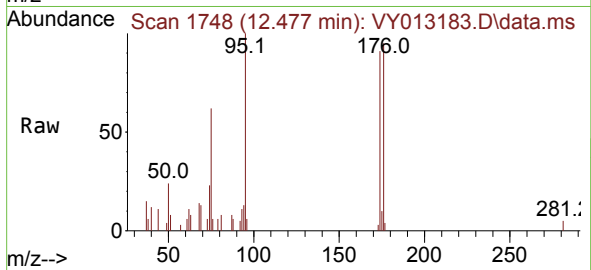




#76
 1,2,3-Trichloropropane
 Concen: 46.197 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY013183.D
 Acq: 03 Apr 2023 18:05

Instrument : MSVOA_Y
 ClientSampleId : HR-01-033123

Tgt Ion: 75 Resp: 1682
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.026 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. 0.097 min
 Lab File: VY013183.D
 Acq: 03 Apr 2023 18:05

Tgt Ion: 75 Resp: 1682
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.4 110.0#
 89 0.0 36.6 55.0#

