

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101923\
 Data File : VY016041.D
 Acq On : 19 Oct 2023 16:46
 Operator : SY/MD
 Sample : 04938-10
 Misc : 3.94g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 20 05:38:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 19 03:15:44 2023
 Response via : Initial Calibration

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

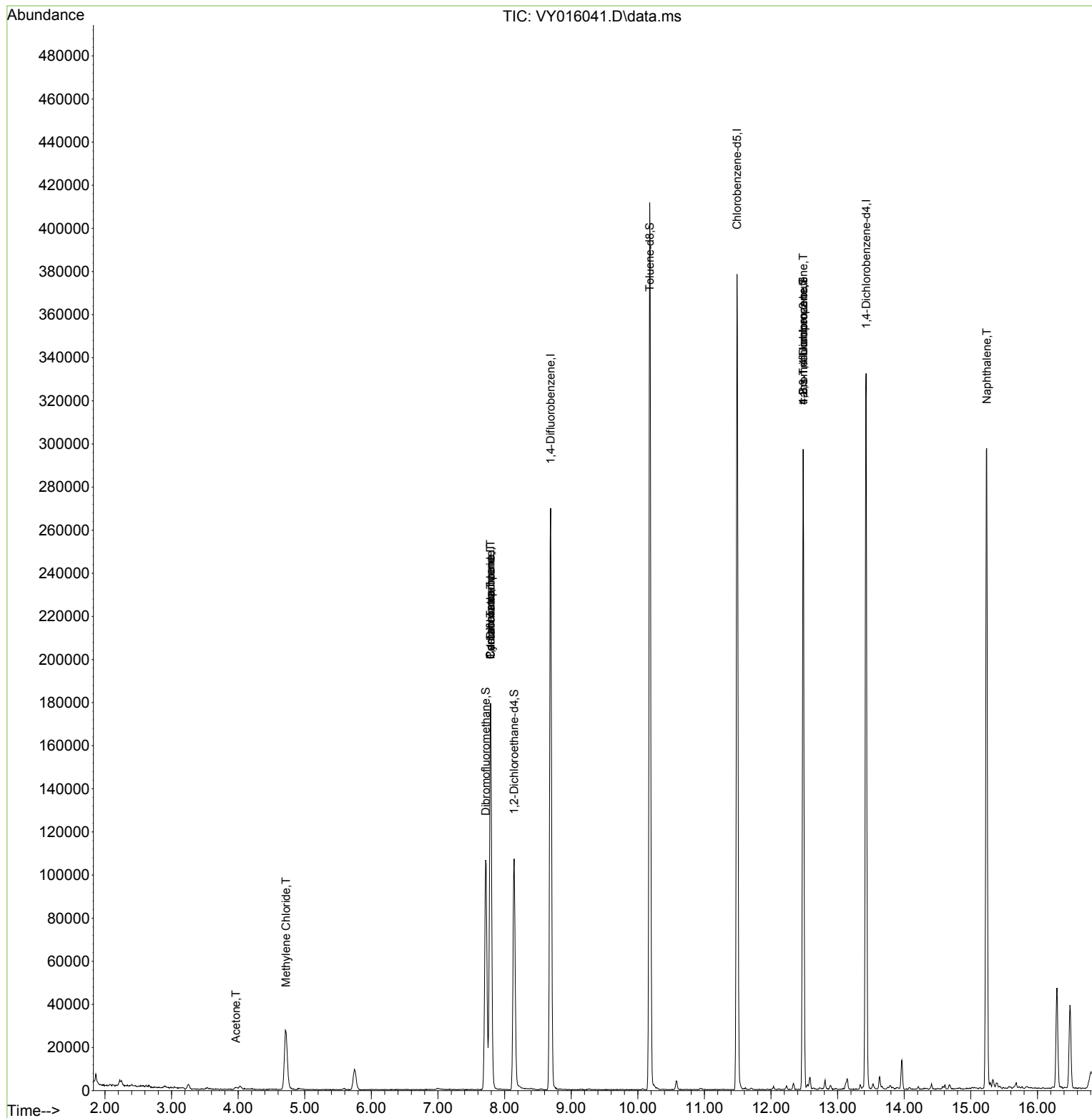
Internal Standards						
1) Pentafluorobenzene	7.789	168	140411	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	236767	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	212567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	88033	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	87709	54.960	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.920%	
35) Dibromofluoromethane	7.716	113	78218	50.190	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.380%	
50) Toluene-d8	10.179	98	279696	49.416	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.840%	
62) 4-Bromofluorobenzene	12.483	95	86115	42.641	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 85.280%	
Target Compounds						
					Qvalue	
16) Acetone	3.966	43	1292	2.184	ug/l #	77
20) Methylene Chloride	4.716	84	21962	12.497	ug/l	93
31) Cyclohexane	7.789	56	2838	1.136	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	10602	4.522	ug/l #	51
38) Carbon Tetrachloride	7.789	117	13577	5.448	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	45239	36.294	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	45239	79.226	ug/l #	10
95) Naphthalene	15.239	128	251243	56.276	ug/l	99

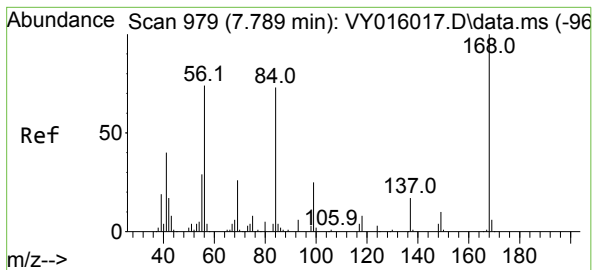
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101923\
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MSVOA_Y
ClientSampleId :

Quant Time: Oct 20 05:38:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 19 03:15:44 2023
Response via : Initial Calibration

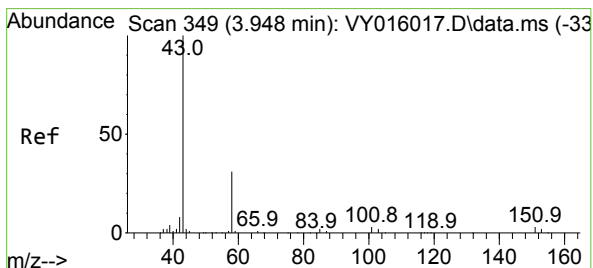
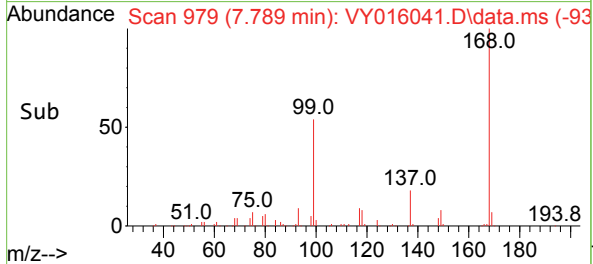
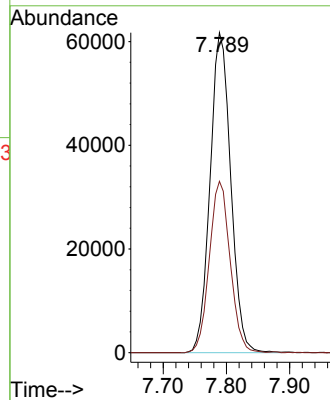
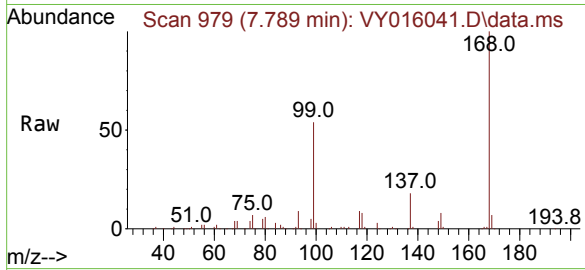




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016041.D
Acq: 19 Oct 2023 16:46

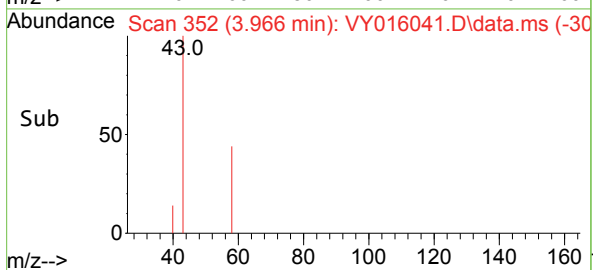
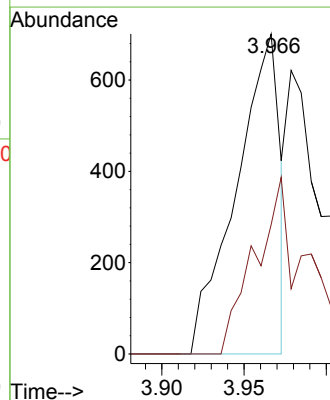
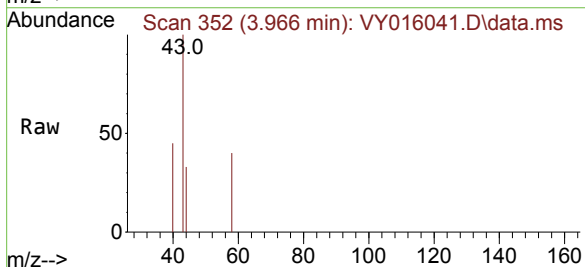
Instrument :
MSVOA_Y
ClientSampleId :

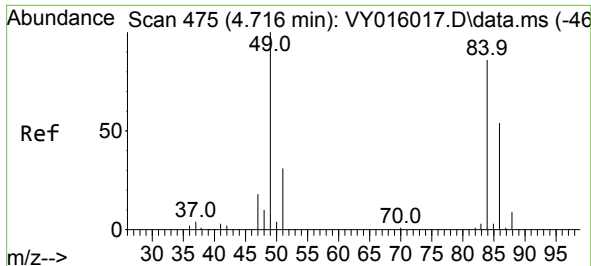
Tgt Ion:168 Resp: 140411
Ion Ratio Lower Upper
168 100
99 53.5 43.4 65.0



#16
Acetone
Concen: 2.184 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.018 min
Lab File: VY016041.D
Acq: 19 Oct 2023 16:46

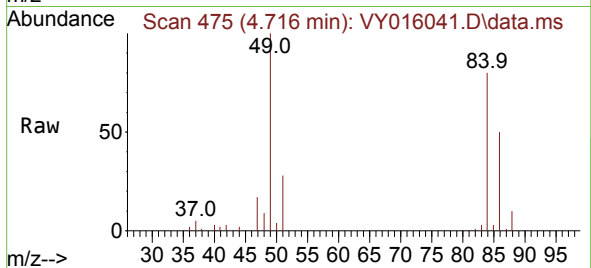
Tgt Ion: 43 Resp: 1292
Ion Ratio Lower Upper
43 100
58 40.4 22.7 34.1#



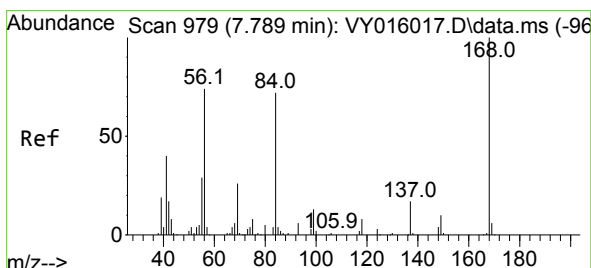
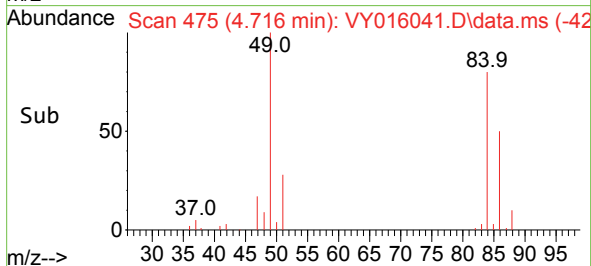
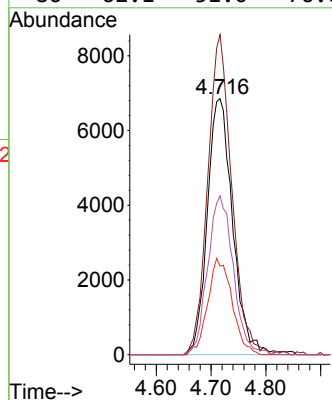


#20
Methylene Chloride
Concen: 12.497 ug/l
RT: 4.716 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY016041.D
Acq: 19 Oct 2023 16:46

Instrument :
MSVOA_Y
ClientSampleId :

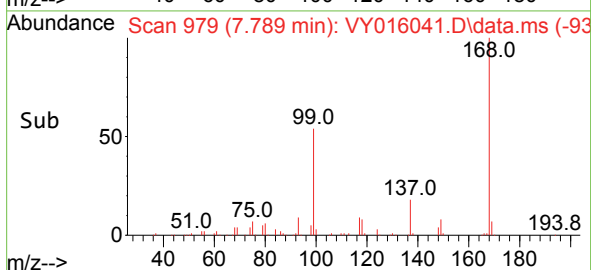
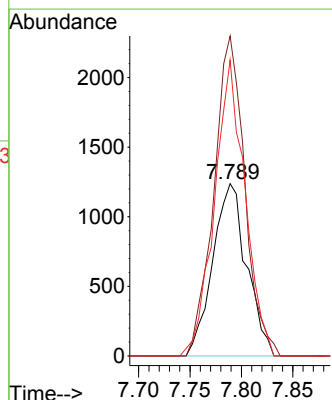
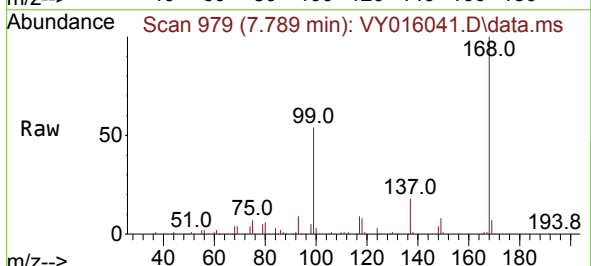


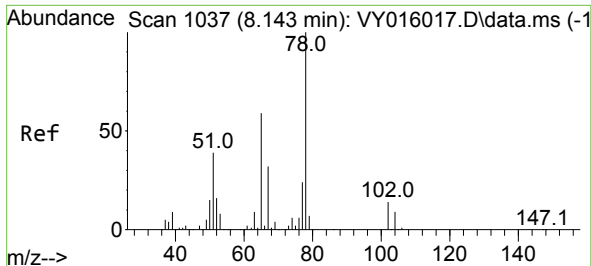
Tgt Ion:	84	Resp:	21962
Ion	Ratio	Lower	Upper
84	100		
49	125.0	106.9	160.3
51	34.6	33.2	49.8
86	62.1	51.0	76.6



#31
Cyclohexane
Concen: 1.136 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY016041.D
Acq: 19 Oct 2023 16:46

Tgt Ion:	56	Resp:	2838
Ion	Ratio	Lower	Upper
56	100		
69	185.7	27.8	41.6#
84	171.7	66.4	99.6#

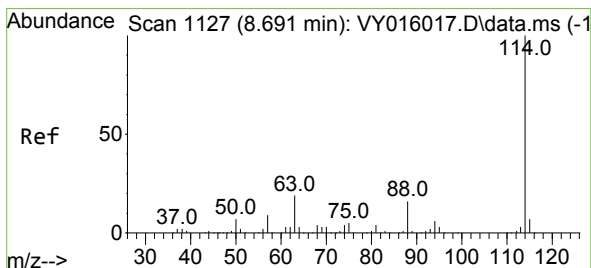
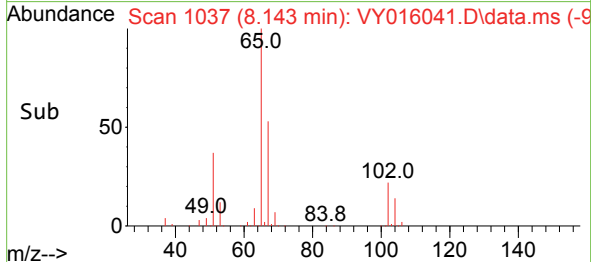
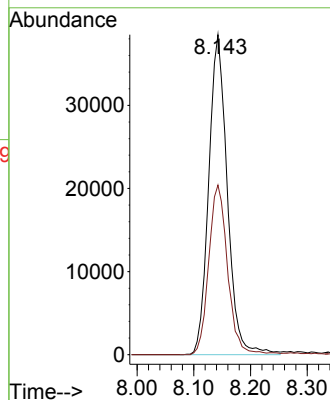
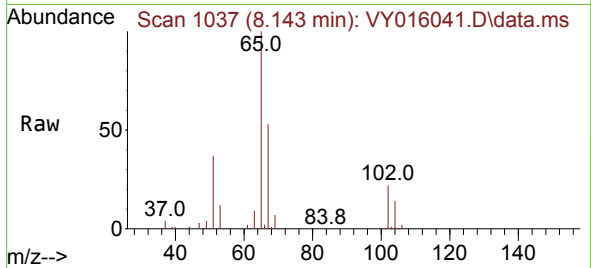




#33
1,2-Dichloroethane-d4
Concen: 54.960 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY016041.D
Acq: 19 Oct 2023 16:46

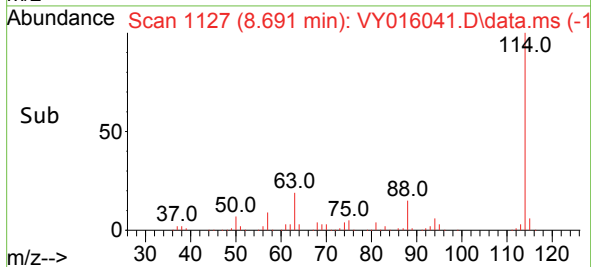
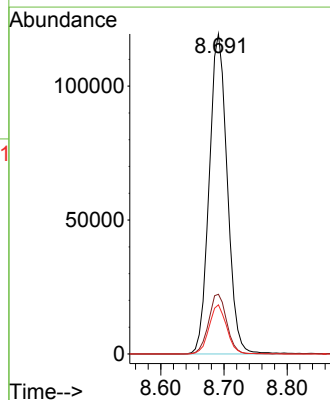
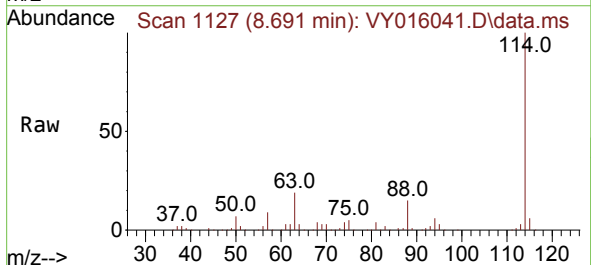
Instrument :
MSVOA_Y
ClientSampleId :

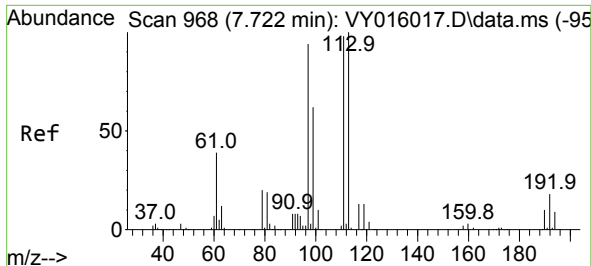
Tgt Ion: 65 Resp: 87709
Ion Ratio Lower Upper
65 100
67 54.0 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY016041.D
Acq: 19 Oct 2023 16:46

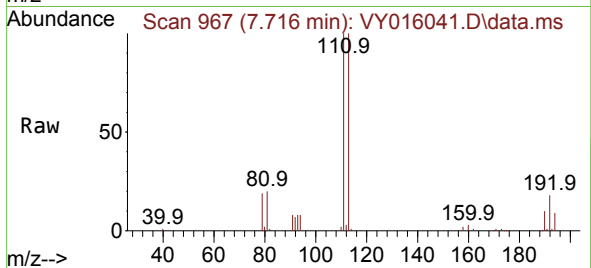
Tgt Ion:114 Resp: 236767
Ion Ratio Lower Upper
114 100
63 18.7 0.0 42.4
88 15.4 0.0 30.6



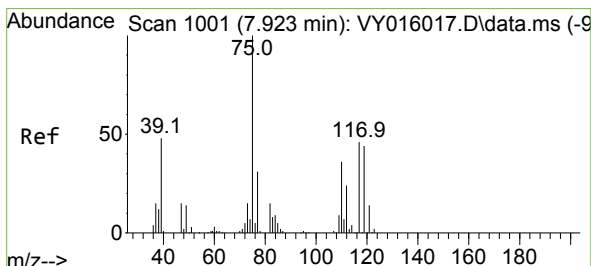
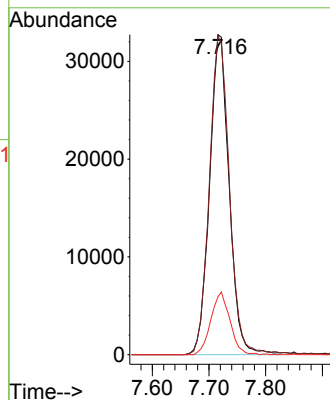
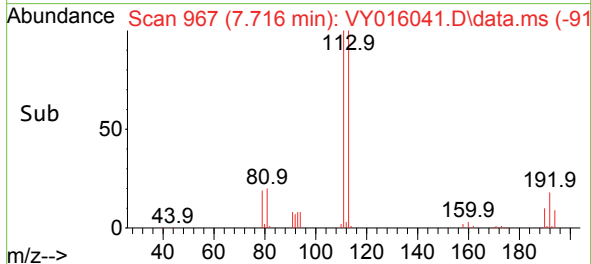


#35
Dibromofluoromethane
Concen: 50.190 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY016041.D
Acq: 19 Oct 2023 16:46

Instrument :
MSVOA_Y
ClientSampleId :

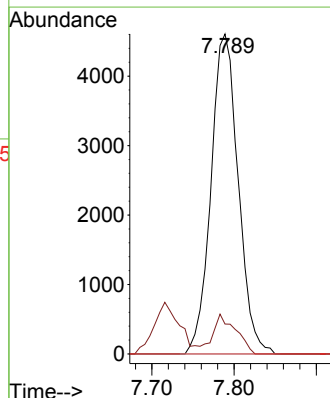
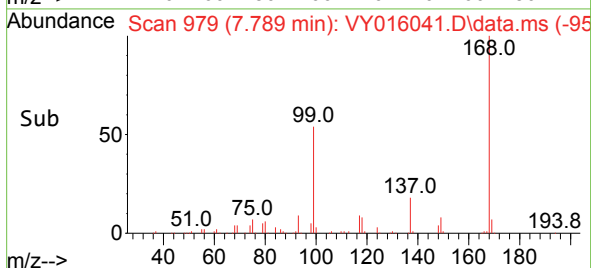
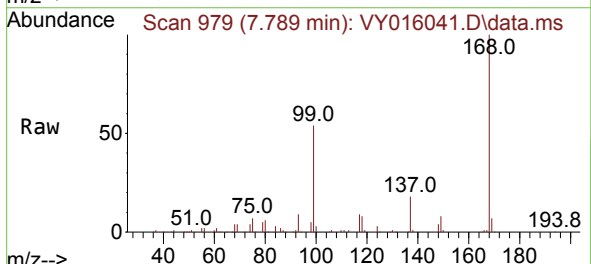


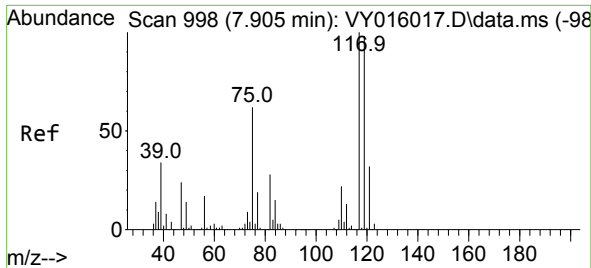
Tgt Ion:113 Resp: 78218
Ion Ratio Lower Upper
113 100
111 102.0 81.3 121.9
192 19.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.522 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY016041.D
Acq: 19 Oct 2023 16:46

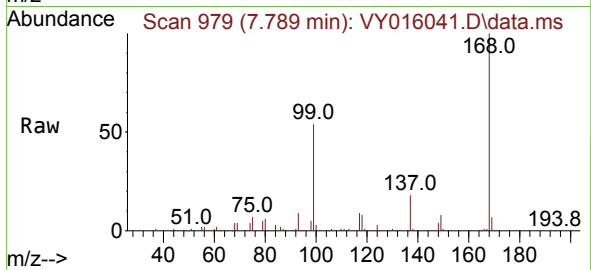
Tgt Ion: 75 Resp: 10602
Ion Ratio Lower Upper
75 100
110 10.4 17.8 53.5#
77 0.0 24.4 36.6#



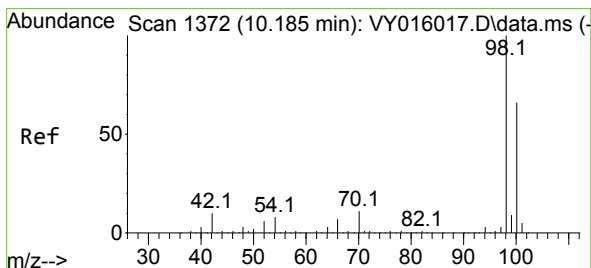
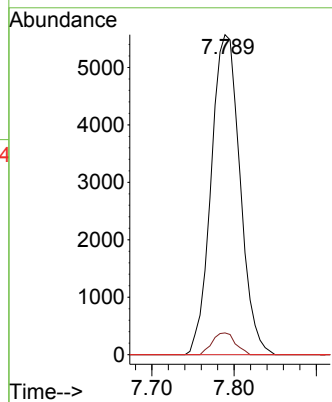
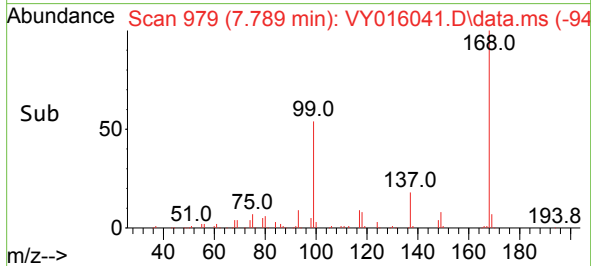


#38
Carbon Tetrachloride
Concen: 5.448 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY016041.D
Acq: 19 Oct 2023 16:46

Instrument :
MSVOA_Y
ClientSampleId :

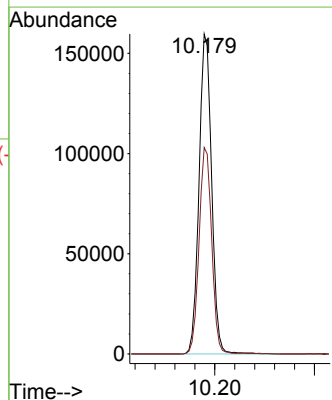
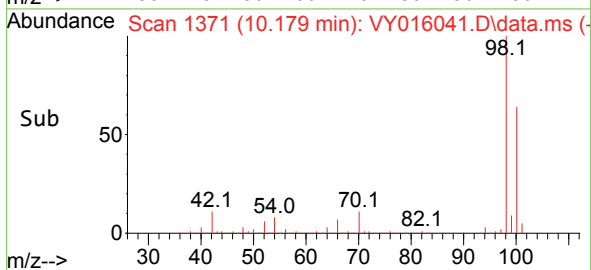
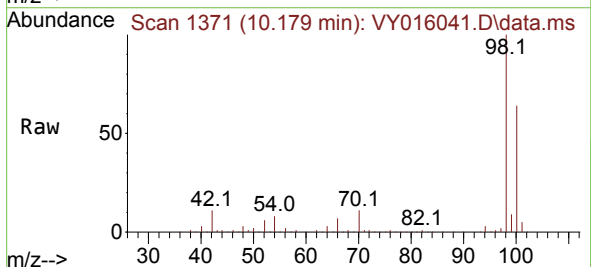


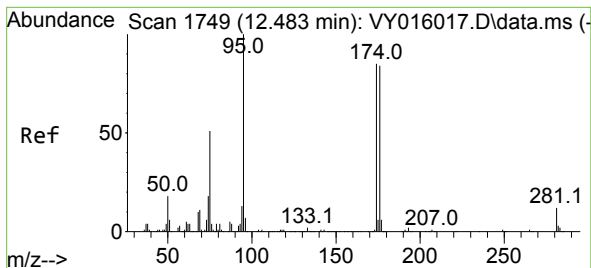
Tgt Ion:117 Resp: 13577
Ion Ratio Lower Upper
117 100
119 6.8 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 49.416 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY016041.D
Acq: 19 Oct 2023 16:46

Tgt Ion: 98 Resp: 279696
Ion Ratio Lower Upper
98 100
100 64.6 50.1 75.1

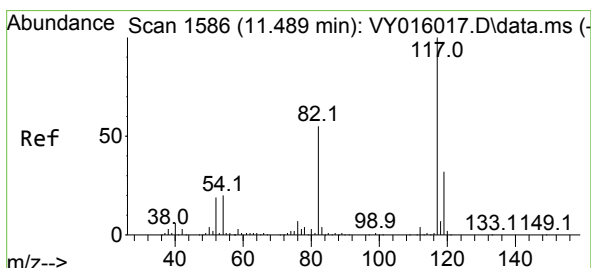
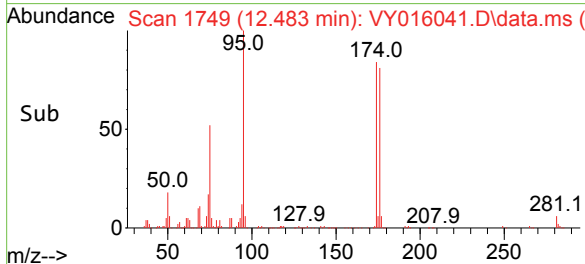
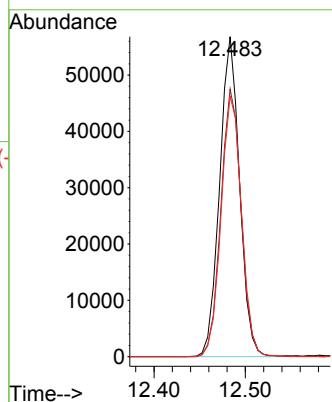
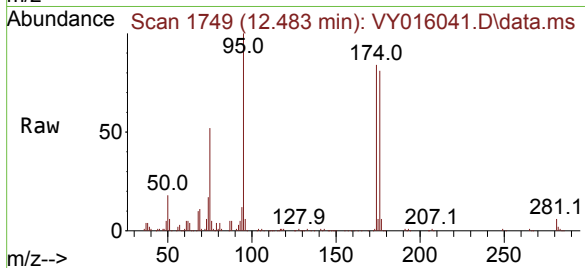




#62
4-Bromofluorobenzene
Concen: 42.641 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY016041.D
Acq: 19 Oct 2023 16:46

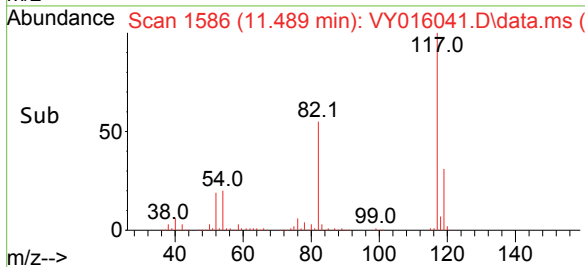
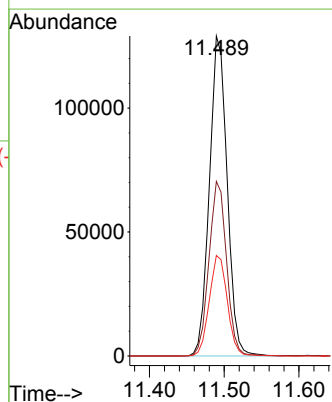
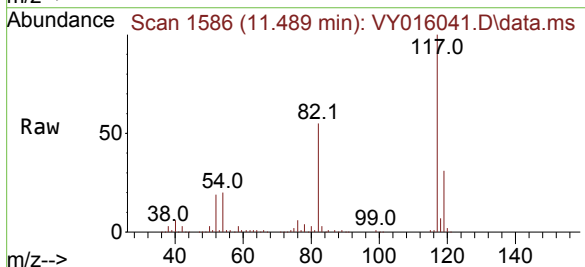
Instrument :
MSVOA_Y
ClientSampleId :

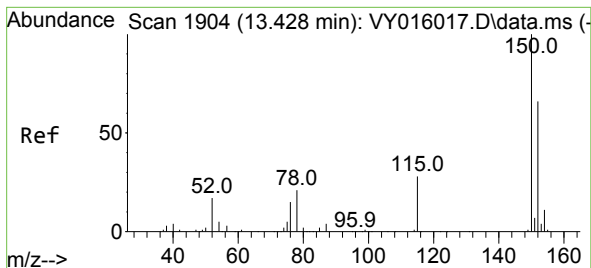
Tgt Ion: 95 Resp: 86115
Ion Ratio Lower Upper
95 100
174 85.2 0.0 178.2
176 83.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY016041.D
Acq: 19 Oct 2023 16:46

Tgt Ion: 117 Resp: 212567
Ion Ratio Lower Upper
117 100
82 54.5 43.4 65.0
119 31.4 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY016041.D

Acq: 19 Oct 2023 16:46

Instrument :

MSVOA_Y

ClientSampleId :

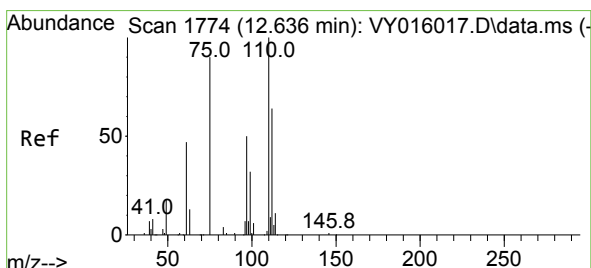
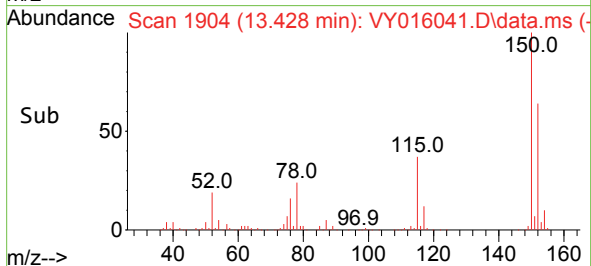
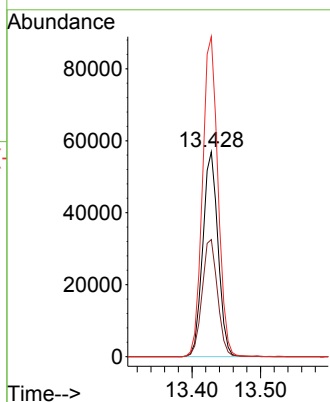
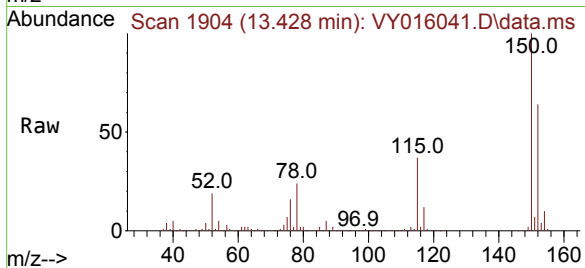
Tgt Ion:152 Resp: 88033

Ion Ratio Lower Upper

152 100

115 58.2 28.8 86.5

150 158.4 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 36.294 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY016041.D

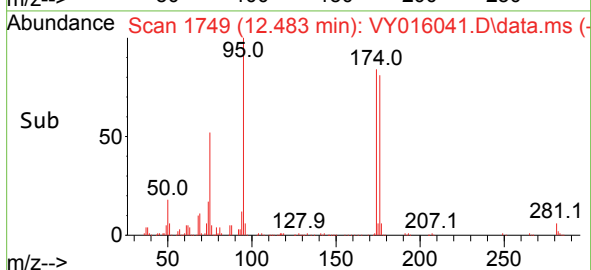
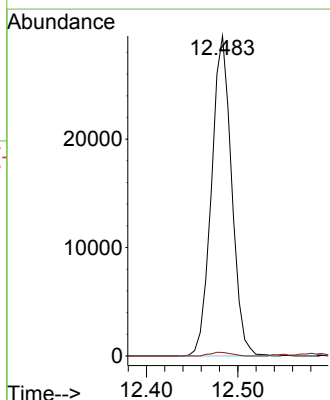
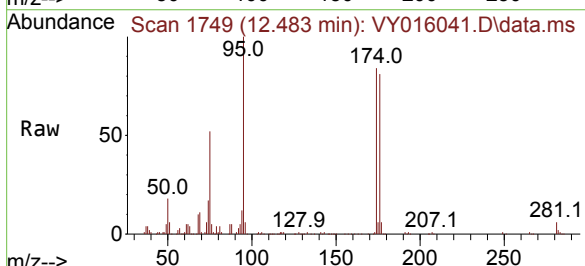
Acq: 19 Oct 2023 16:46

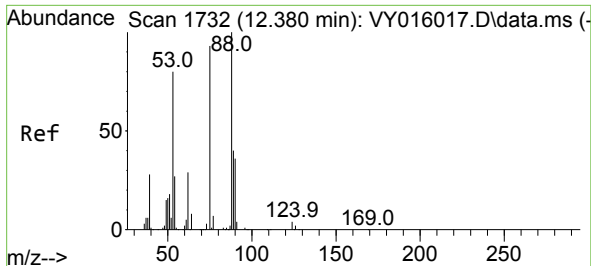
Tgt Ion: 75 Resp: 45239

Ion Ratio Lower Upper

75 100

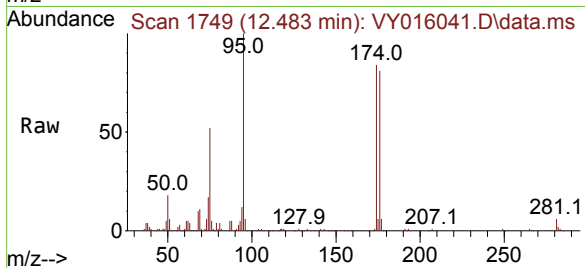
77 1.2 0.0 0.0#



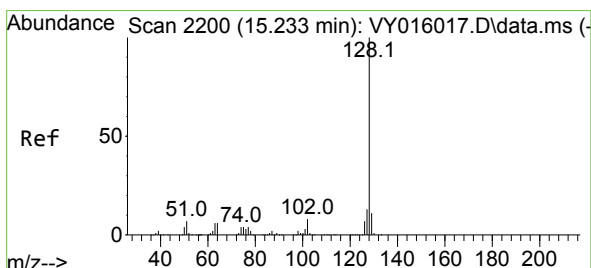
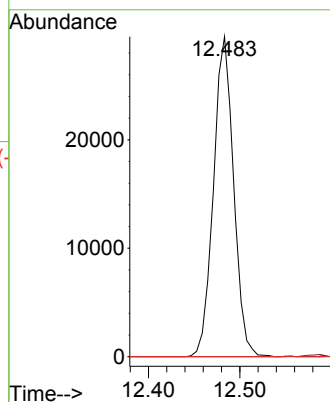
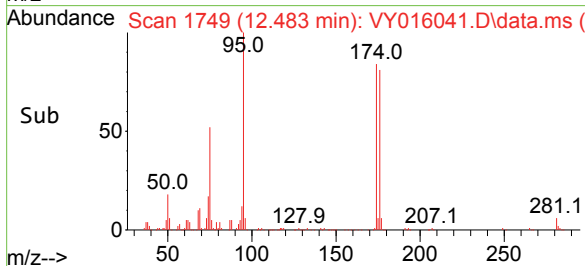


#81
trans-1,4-Dichloro-2-butene
Concen: 79.226 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY016041.D
Acq: 19 Oct 2023 16:46

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 45239
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#



#95
Naphthalene
Concen: 56.276 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY016041.D
Acq: 19 Oct 2023 16:46

Tgt Ion:128 Resp: 251243
Ion Ratio Lower Upper
128 100
127 12.8 10.8 16.2
129 10.7 8.6 13.0

