

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102023\
 Data File : VY016058.D
 Acq On : 20 Oct 2023 11:54
 Operator : SY/MD
 Sample : 04945-01RE
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 20 23:05:41 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	7.795	168	56569	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	91173	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	83151	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	37537	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	35058	54.527	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.060%
35) Dibromofluoromethane	7.721	113	30579	50.955	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.920%
50) Toluene-d8	10.178	98	105284	48.306	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.620%
62) 4-Bromofluorobenzene	12.483	95	34034	43.763	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.520%

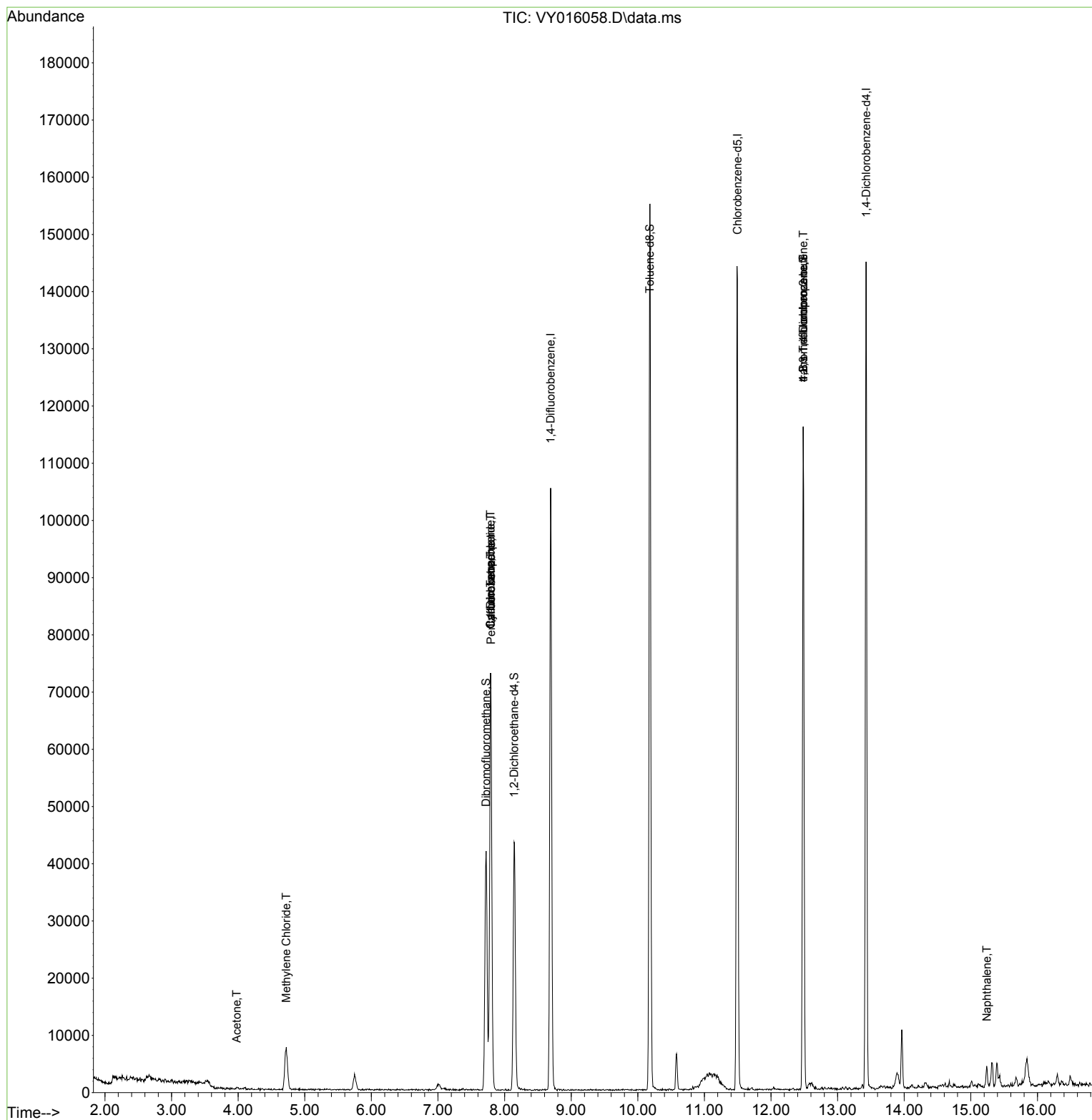
Target Compounds					Qvalue	
13) Acrolein	3.747	56	253	Below Cal	#	14
16) Acetone	3.978	43	782	3.281	ug/l #	46
20) Methylene Chloride	4.722	84	5594	7.901	ug/l	97
31) Cyclohexane	7.789	56	1194	1.186	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	4157	4.604	ug/l #	51
38) Carbon Tetrachloride	7.789	117	5753	5.995	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	17494	32.915	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	17494	71.851	ug/l #	10
95) Naphthalene	15.238	128	3317	1.742	ug/l	96

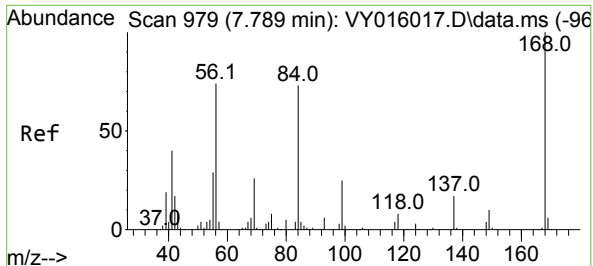
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

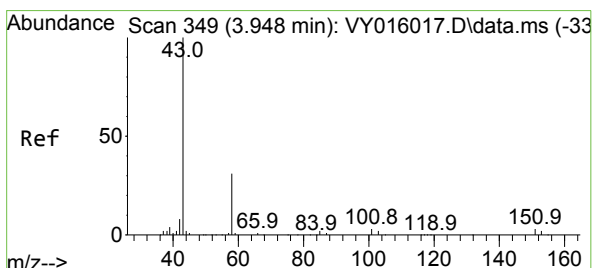
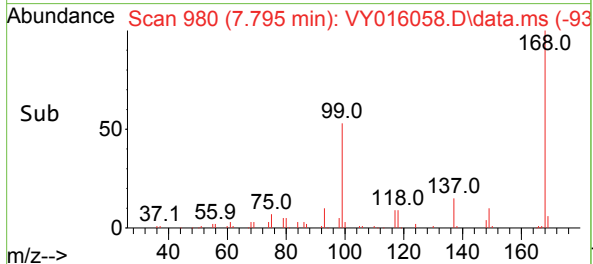
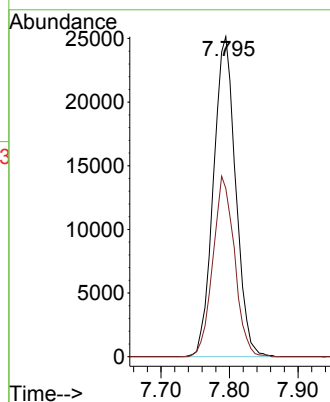
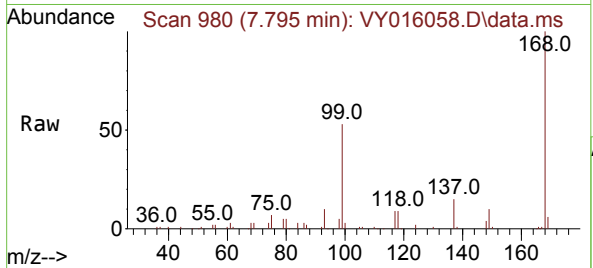




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016058.D
Acq: 20 Oct 2023 11:54

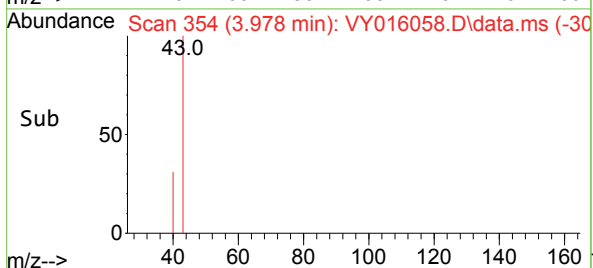
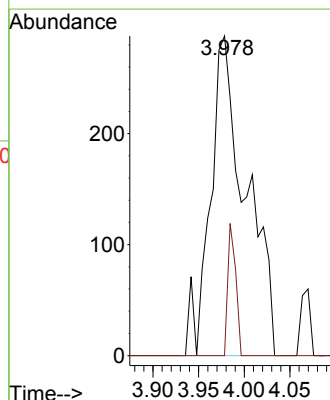
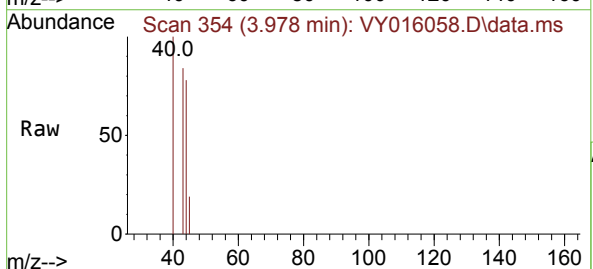
Instrument :
MSVOA_Y
ClientSampleId :

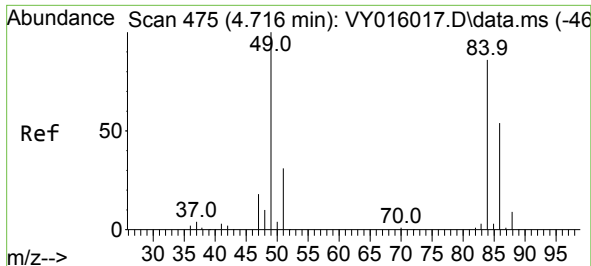
Tgt Ion:168 Resp: 56569
Ion Ratio Lower Upper
168 100
99 52.6 43.4 65.0



#16
Acetone
Concen: 3.281 ug/l
RT: 3.978 min Scan# 354
Delta R.T. 0.030 min
Lab File: VY016058.D
Acq: 20 Oct 2023 11:54

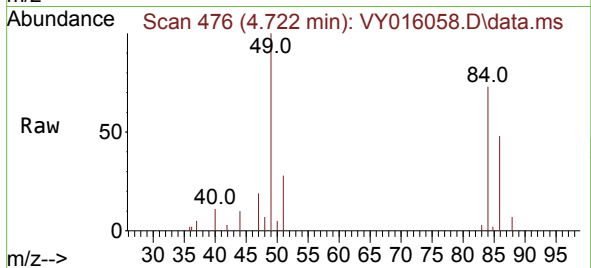
Tgt Ion: 43 Resp: 782
Ion Ratio Lower Upper
43 100
58 0.0 22.7 34.1#



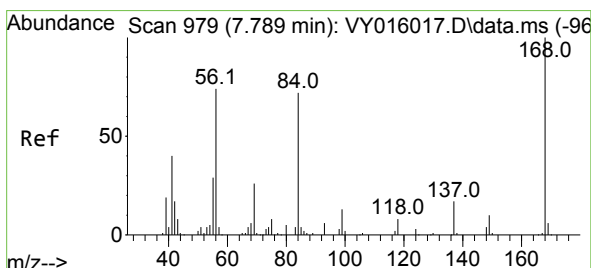
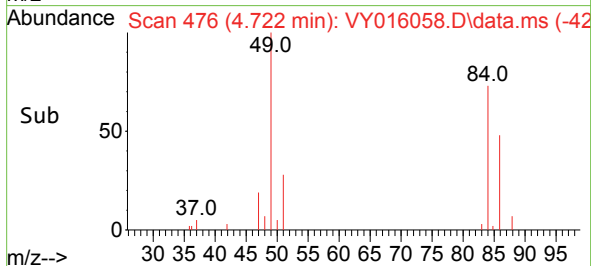
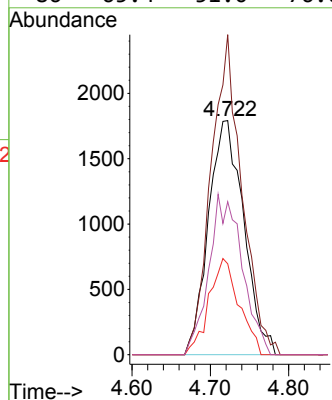


#20
Methylene Chloride
Concen: 7.901 ug/l
RT: 4.722 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY016058.D
Acq: 20 Oct 2023 11:54

Instrument :
MSVOA_Y
ClientSampleId :

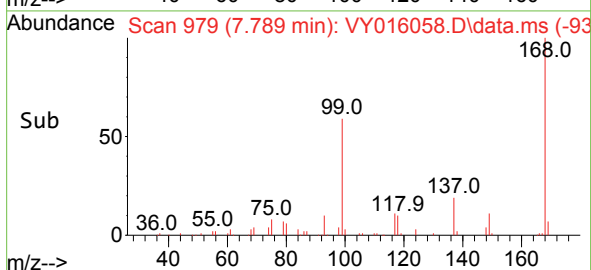
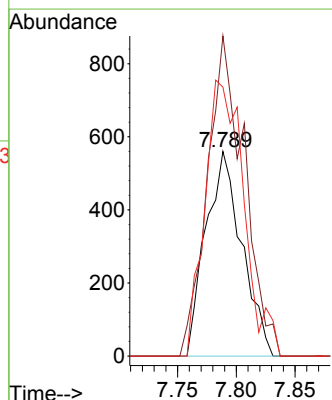
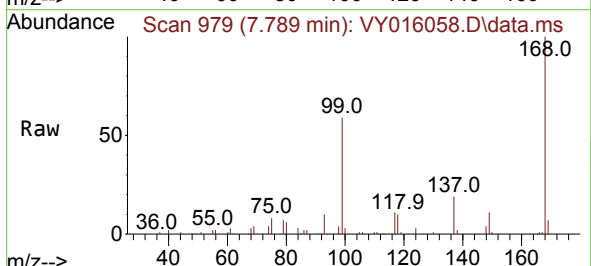


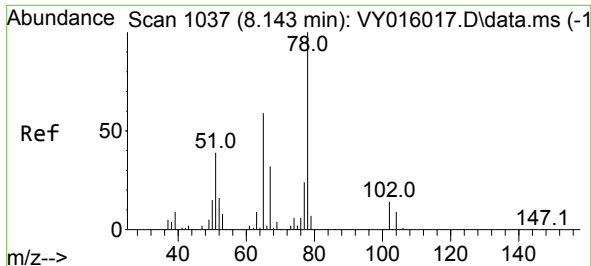
Tgt Ion:	84	Resp:	5594
Ion	Ratio	Lower	Upper
84	100		
49	136.7	106.9	160.3
51	38.9	33.2	49.8
86	65.4	51.0	76.6



#31
Cyclohexane
Concen: 1.186 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY016058.D
Acq: 20 Oct 2023 11:54

Tgt Ion:	56	Resp:	1194
Ion	Ratio	Lower	Upper
56	100		
69	156.4	27.8	41.6#
84	149.5	66.4	99.6#

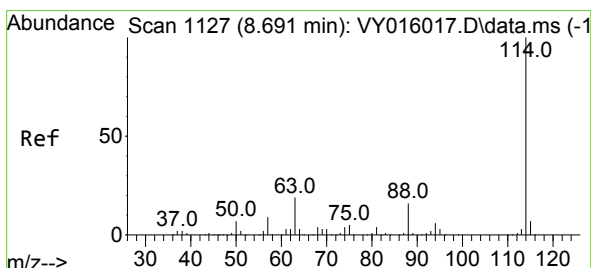
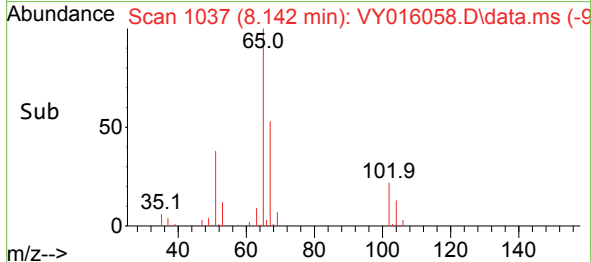
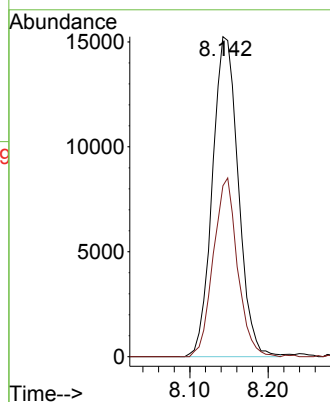
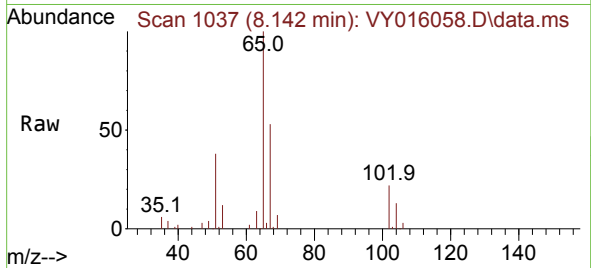




#33
1,2-Dichloroethane-d4
Concen: 54.527 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY016058.D
Acq: 20 Oct 2023 11:54

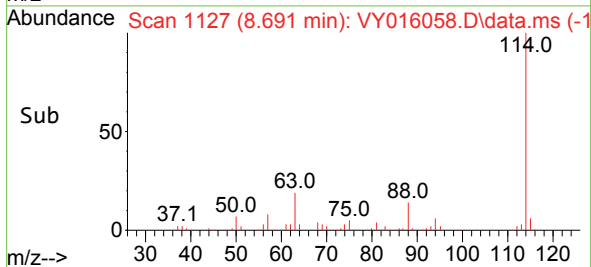
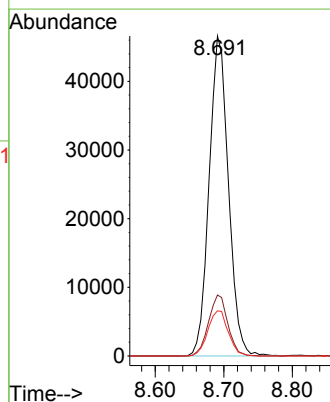
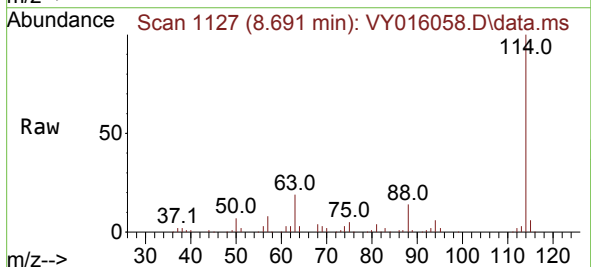
Instrument :
MSVOA_Y
ClientSampleId :

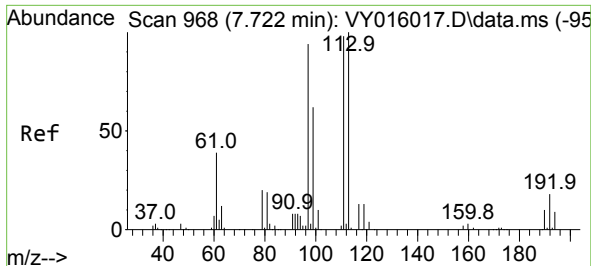
Tgt Ion: 65 Resp: 35058
Ion Ratio Lower Upper
65 100
67 52.2 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY016058.D
Acq: 20 Oct 2023 11:54

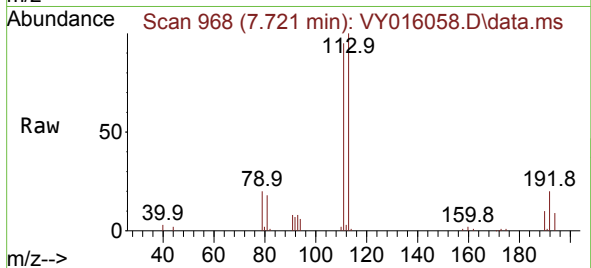
Tgt Ion:114 Resp: 91173
Ion Ratio Lower Upper
114 100
63 19.1 0.0 42.4
88 14.1 0.0 30.6



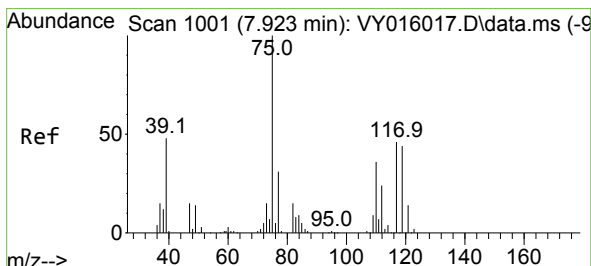
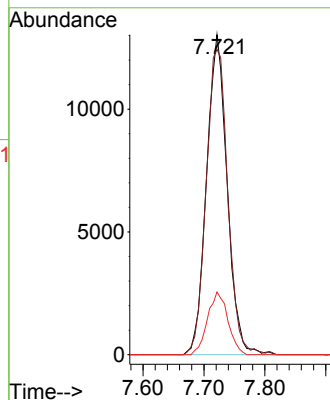
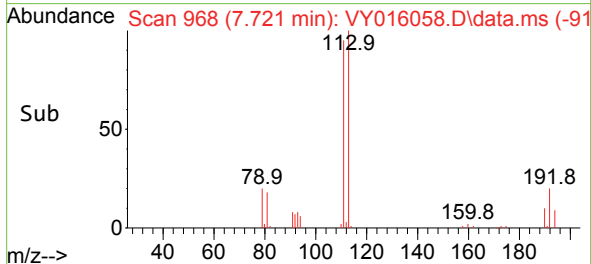


#35
Dibromofluoromethane
Concen: 50.955 ug/l
RT: 7.721 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY016058.D
Acq: 20 Oct 2023 11:54

Instrument :
MSVOA_Y
ClientSampleId :

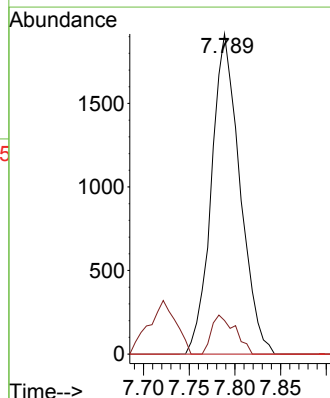
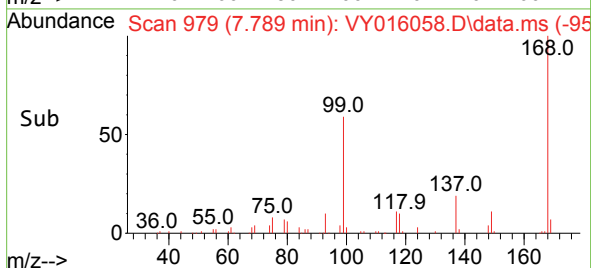
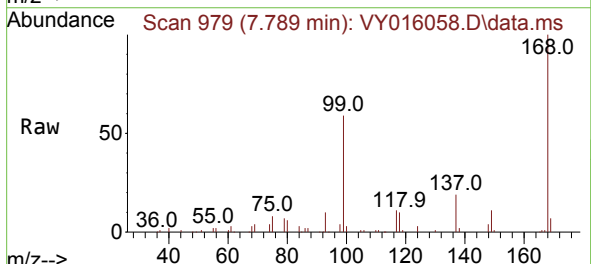


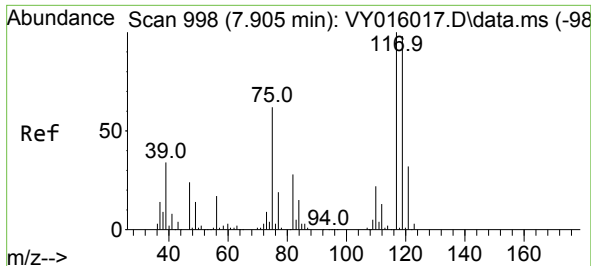
Tgt Ion:113 Resp: 30579
Ion Ratio Lower Upper
113 100
111 100.6 81.3 121.9
192 19.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.604 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.135 min
Lab File: VY016058.D
Acq: 20 Oct 2023 11:54

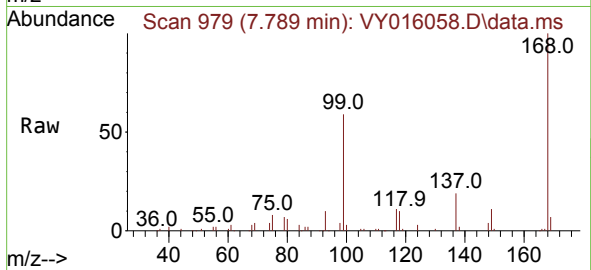
Tgt Ion: 75 Resp: 4157
Ion Ratio Lower Upper
75 100
110 10.0 17.8 53.5#
77 0.0 24.4 36.6#



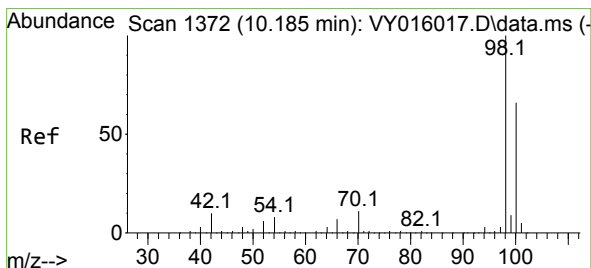
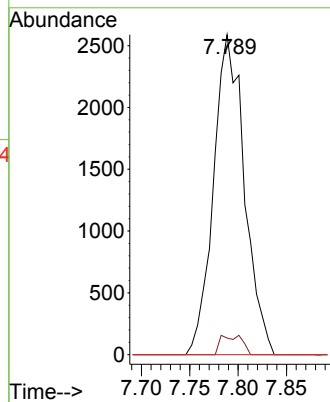
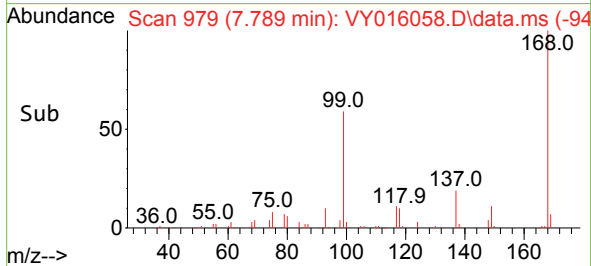


#38
Carbon Tetrachloride
Concen: 5.995 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY016058.D
Acq: 20 Oct 2023 11:54

Instrument :
MSVOA_Y
ClientSampleId :

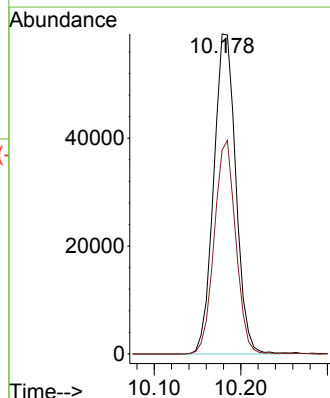
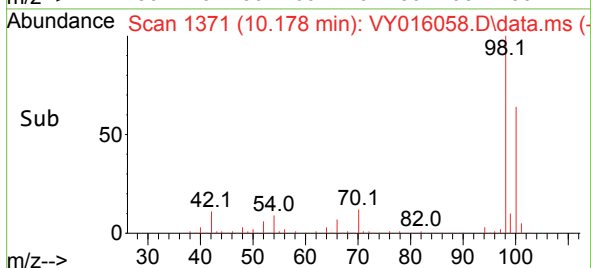
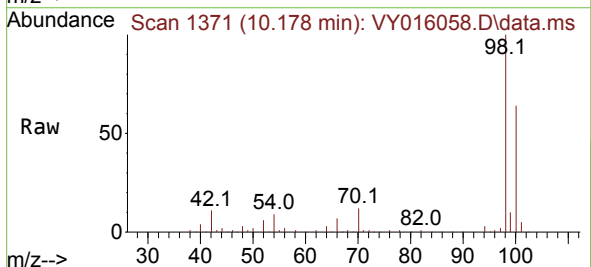


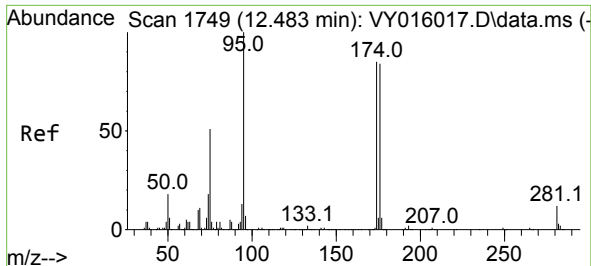
Tgt Ion:117 Resp: 5753
Ion Ratio Lower Upper
117 100
119 5.2 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 48.306 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.007 min
Lab File: VY016058.D
Acq: 20 Oct 2023 11:54

Tgt Ion: 98 Resp: 105284
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1

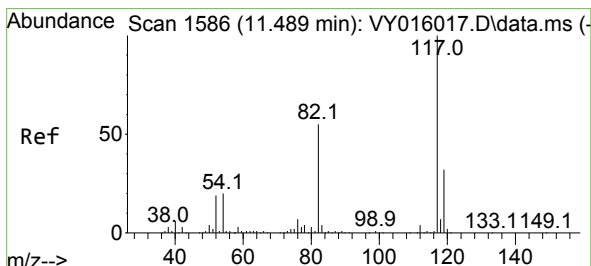
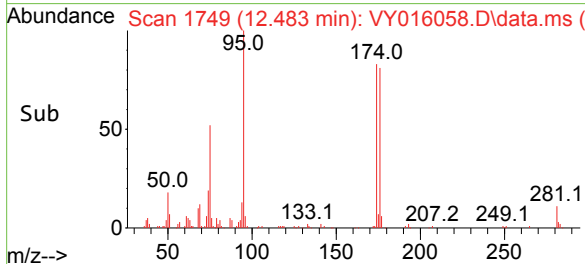
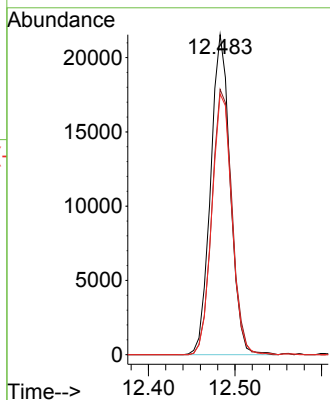
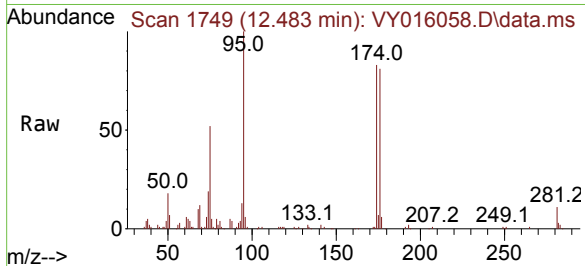




#62
4-Bromofluorobenzene
Concen: 43.763 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY016058.D
Acq: 20 Oct 2023 11:54

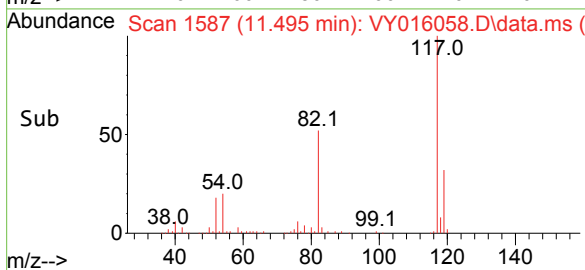
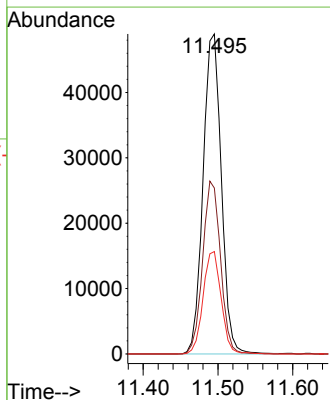
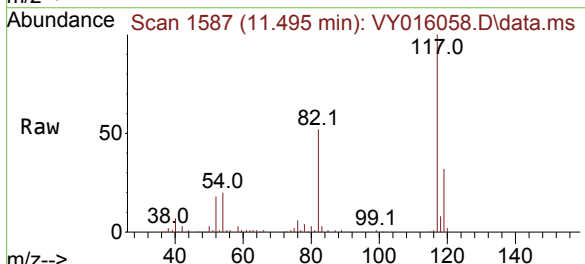
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ClientSampleId :

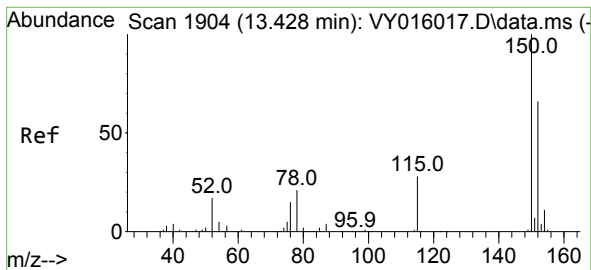
Tgt Ion: 95 Resp: 34034
Ion Ratio Lower Upper
95 100
174 85.1 0.0 178.2
176 82.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY016058.D
Acq: 20 Oct 2023 11:54

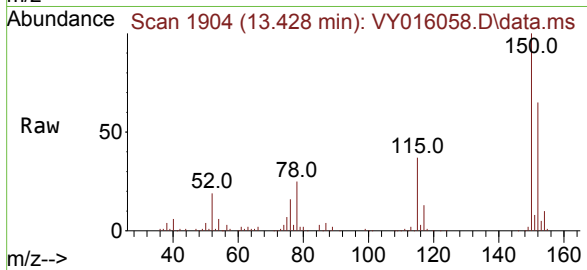
Tgt Ion: 117 Resp: 83151
Ion Ratio Lower Upper
117 100
82 51.9 43.4 65.0
119 32.0 26.3 39.5



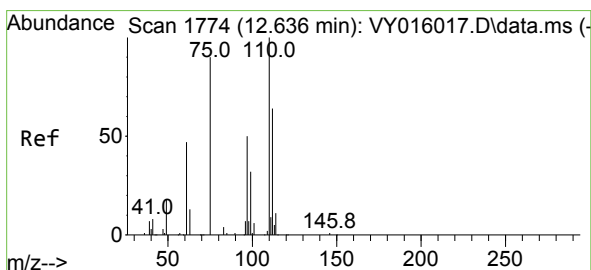
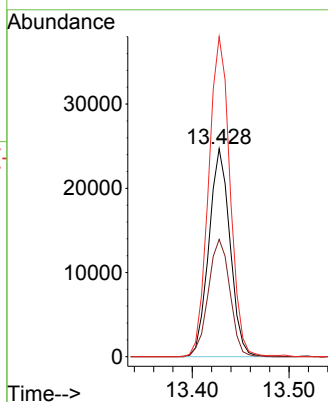
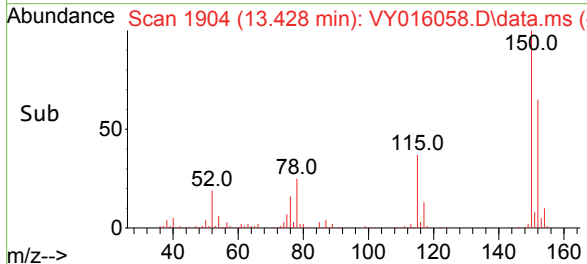


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY016058.D
 Acq: 20 Oct 2023 11:54

Instrument :
 MSVOA_Y
 ClientSampleId :

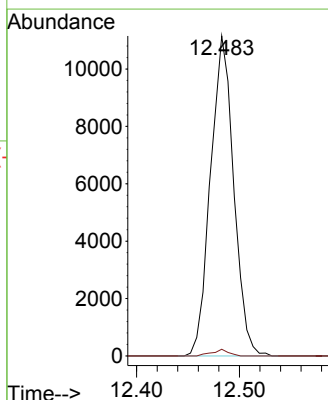
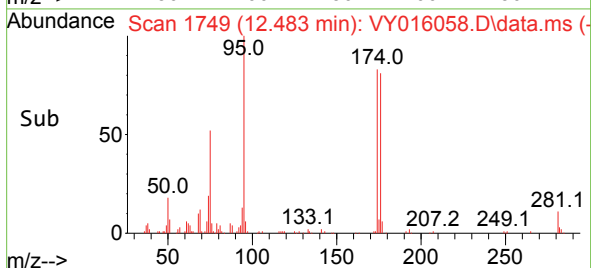
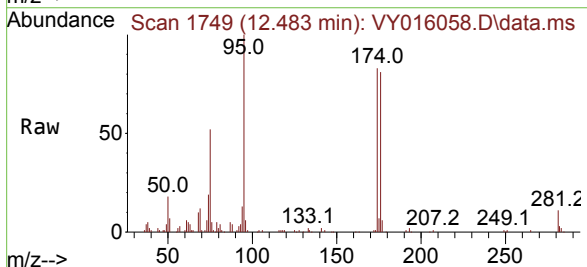


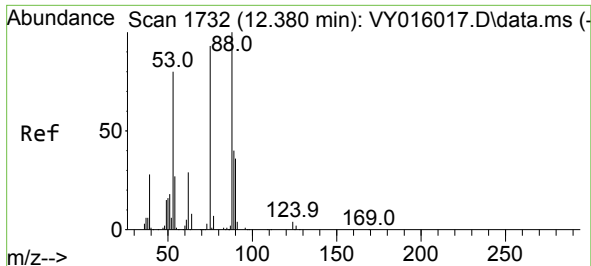
Tgt Ion:152 Resp: 37537
 Ion Ratio Lower Upper
 152 100
 115 57.8 28.8 86.5
 150 155.4 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 32.915 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY016058.D
 Acq: 20 Oct 2023 11:54

Tgt Ion: 75 Resp: 17494
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#

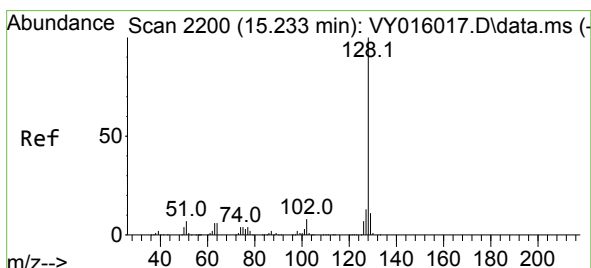
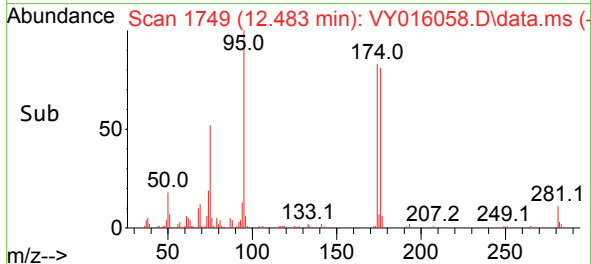
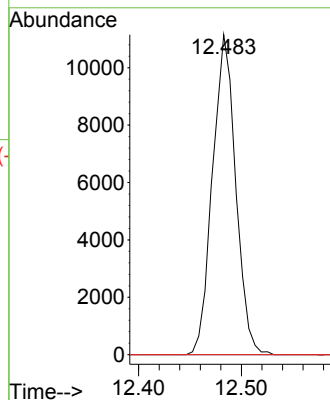
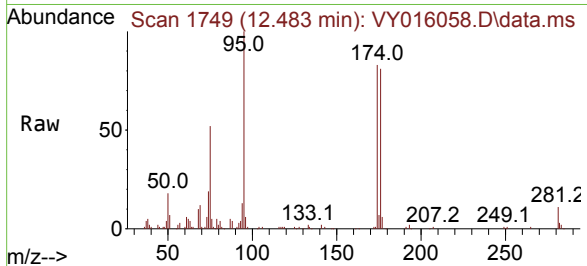




#81
trans-1,4-Dichloro-2-butene
Concen: 71.851 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY016058.D
Acq: 20 Oct 2023 11:54

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 17494
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#



#95
Naphthalene
Concen: 1.742 ug/l
RT: 15.238 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY016058.D
Acq: 20 Oct 2023 11:54

Tgt Ion:128 Resp: 3317
Ion Ratio Lower Upper
128 100
127 11.7 10.8 16.2
129 11.7 8.6 13.0

