

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101823\
 Data File : VY016021.D
 Acq On : 18 Oct 2023 15:37
 Operator : SY/MD
 Sample : VY1018SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 19 03:23:34 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)

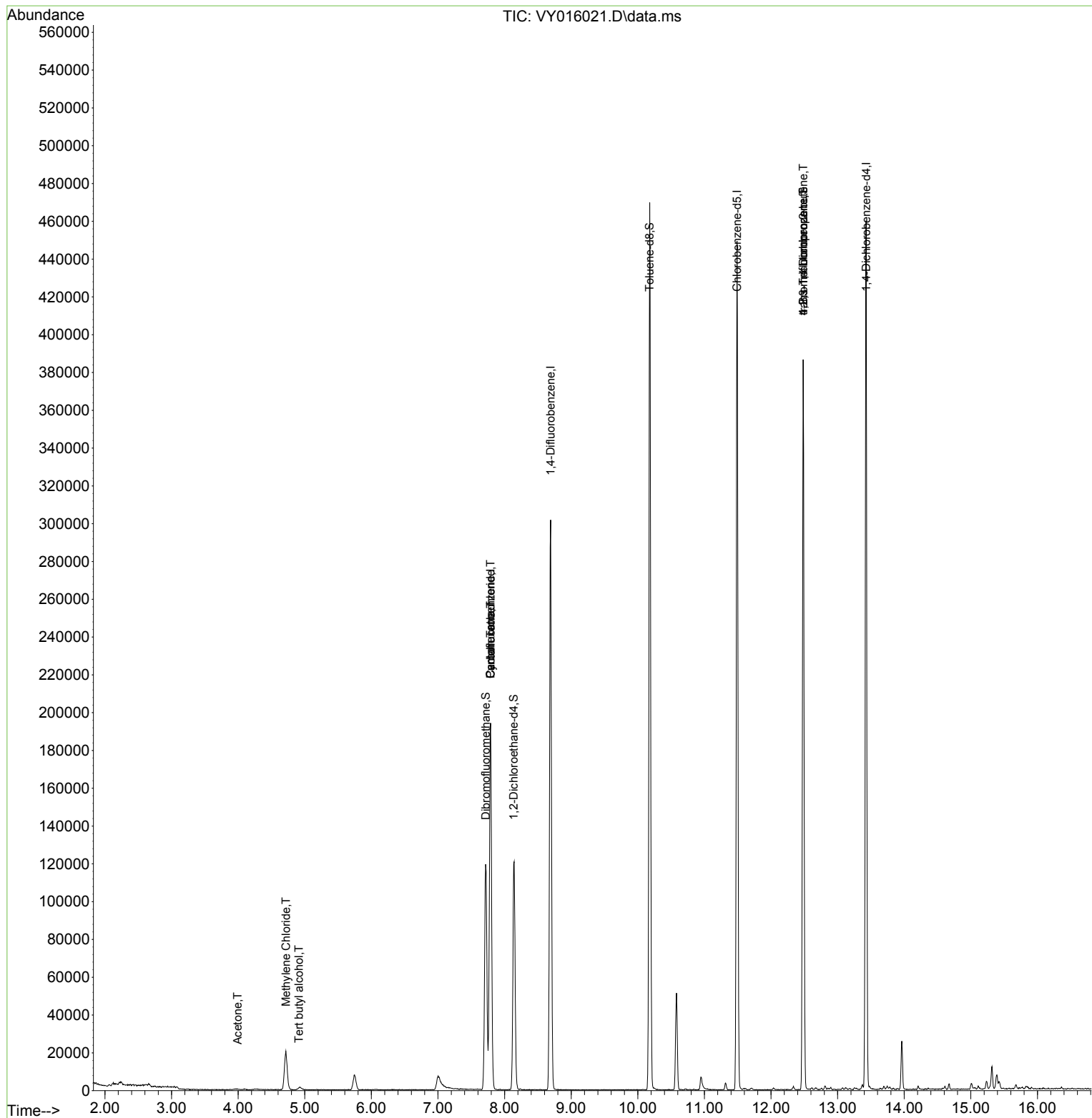
Internal Standards						
1) Pentafluorobenzene	7.789	168	154052	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	264215	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	246808	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	118194	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	97190	55.508	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.020%
35) Dibromofluoromethane	7.715	113	86582	49.786	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.580%
50) Toluene-d8	10.178	98	309534	49.007	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.020%
62) 4-Bromofluorobenzene	12.483	95	108306	48.057	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.120%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.911	59	1297	4.799	ug/l #	89
16) Acetone	3.990	43	1181	1.820	ug/l #	46
20) Methylene Chloride	4.716	84	14995	7.777	ug/l	86
31) Cyclohexane	7.789	56	2828	1.032	ug/l #	1
38) Carbon Tetrachloride	7.789	117	15048	5.411	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	56272	33.625	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	56272	73.401	ug/l #	11

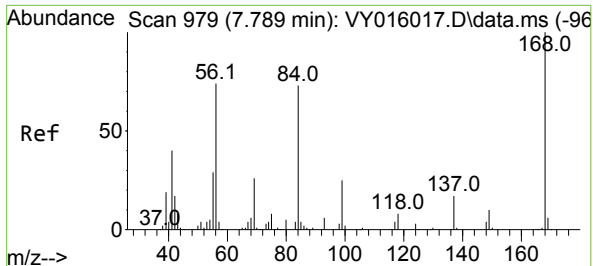
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101823\
Data File : VY016021.D
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
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MSVOA_Y
ClientSampleId :

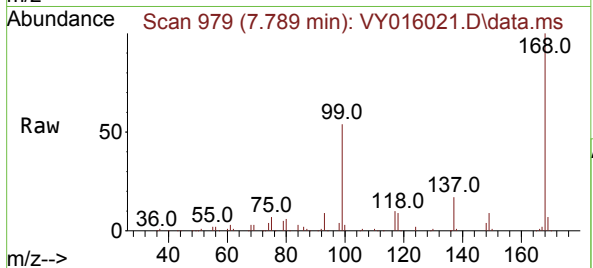
Quant Time: Oct 19 03:23:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 19 03:15:44 2023
Response via : Initial Calibration



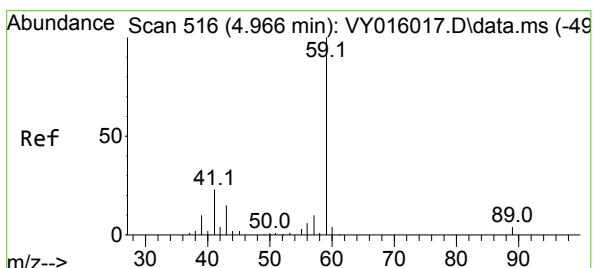
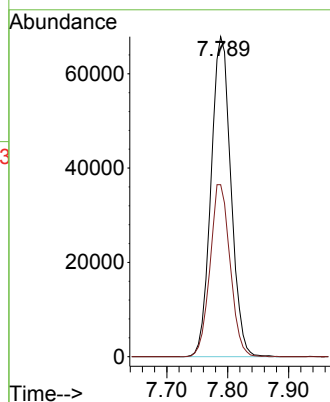
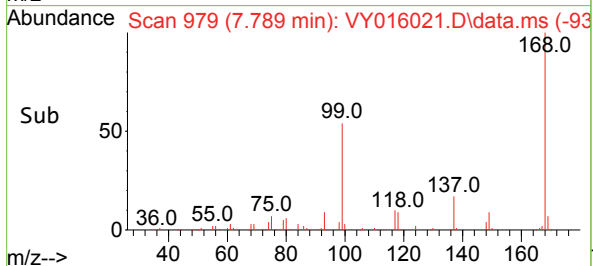


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016021.D
Acq: 18 Oct 2023 15:37

Instrument :
MSVOA_Y
ClientSampleId :

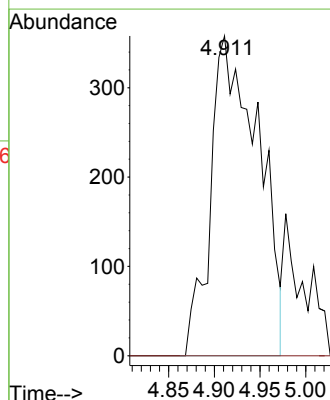
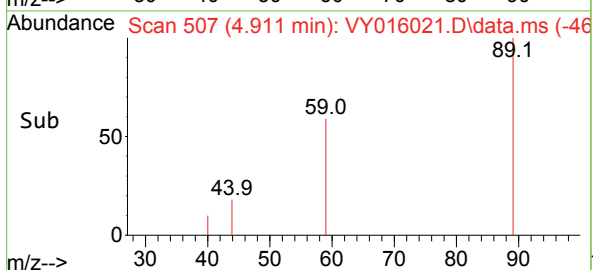
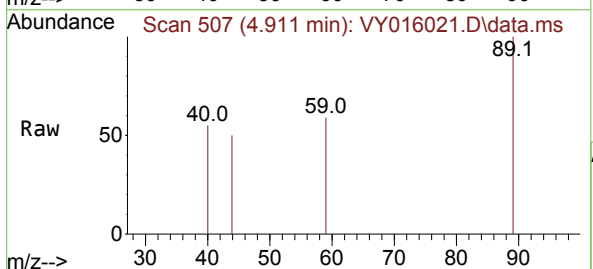


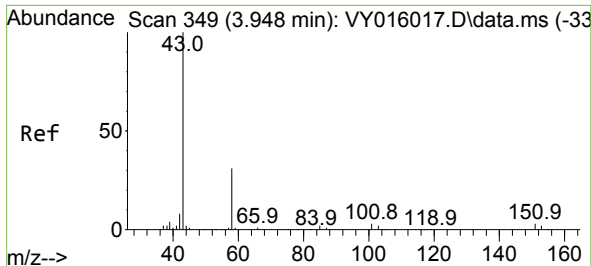
Tgt Ion:168 Resp: 154052
Ion Ratio Lower Upper
168 100
99 53.8 43.4 65.0



#11
Tert butyl alcohol
Concen: 4.799 ug/l
RT: 4.911 min Scan# 507
Delta R.T. -0.055 min
Lab File: VY016021.D
Acq: 18 Oct 2023 15:37

Tgt Ion: 59 Resp: 1297
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#





#16

Acetone

Concen: 1.820 ug/l

RT: 3.990 min Scan# 3

Delta R.T. 0.042 min

Lab File: VY016021.D

Acq: 18 Oct 2023 15:37

Instrument :

MSVOA_Y

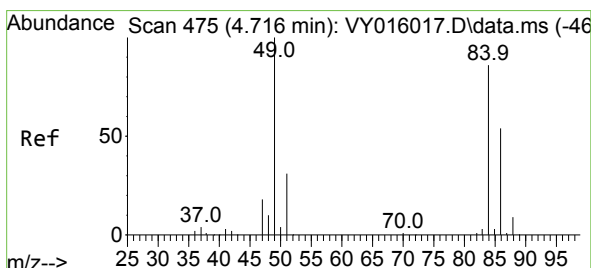
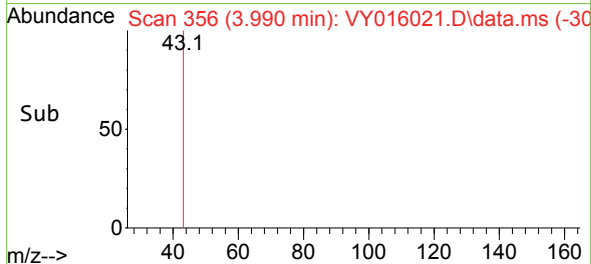
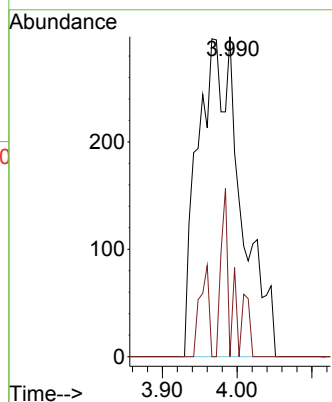
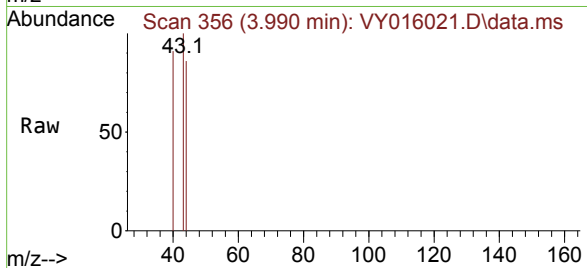
ClientSampleId :

Tgt Ion: 43 Resp: 1181

Ion Ratio Lower Upper

43 100

58 0.0 22.7 34.1#



#20

Methylene Chloride

Concen: 7.777 ug/l

RT: 4.716 min Scan# 475

Delta R.T. -0.000 min

Lab File: VY016021.D

Acq: 18 Oct 2023 15:37

Tgt Ion: 84 Resp: 14995

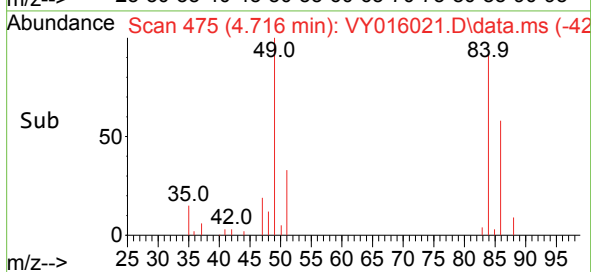
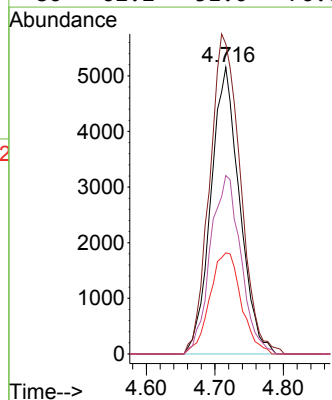
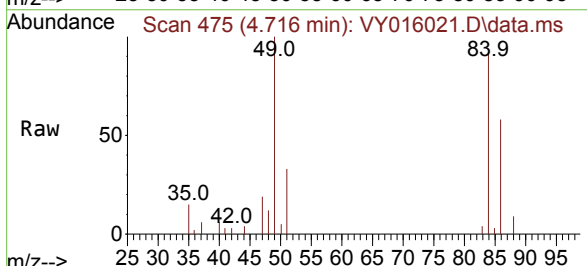
Ion Ratio Lower Upper

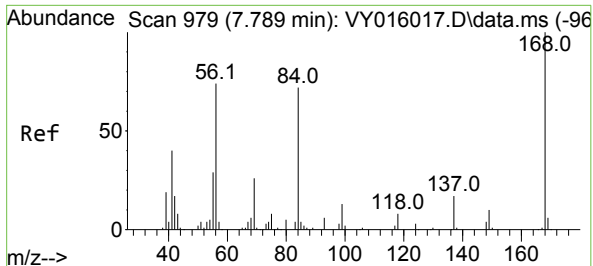
84 100

49 108.2 106.9 160.3

51 35.3 33.2 49.8

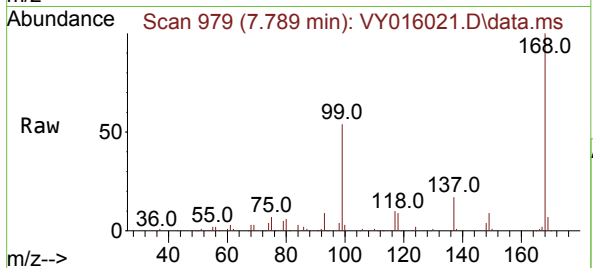
86 62.2 51.0 76.6



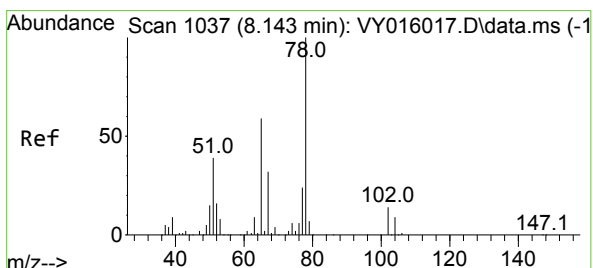
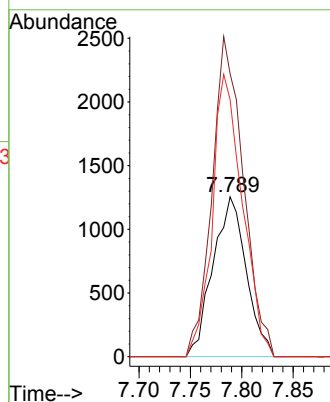
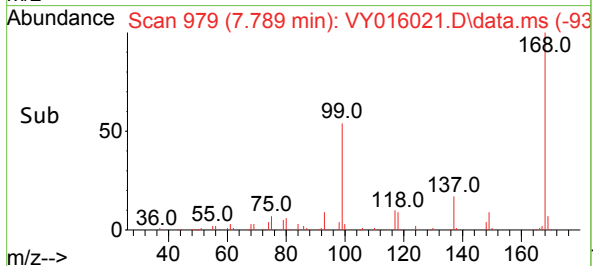


#31
Cyclohexane
Concen: 1.032 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016021.D
Acq: 18 Oct 2023 15:37

Instrument :
MSVOA_Y
ClientSampleId :

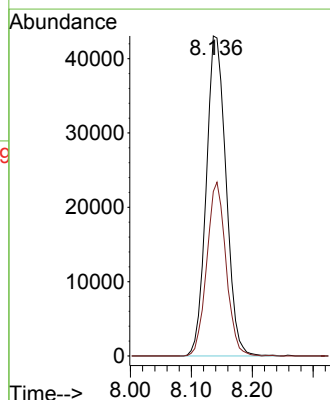
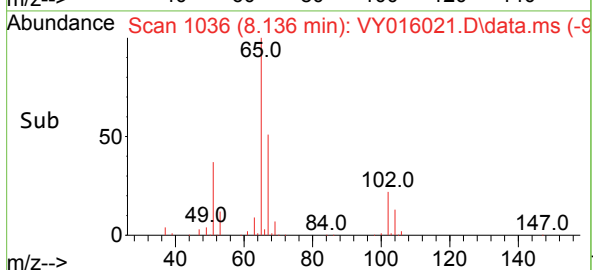
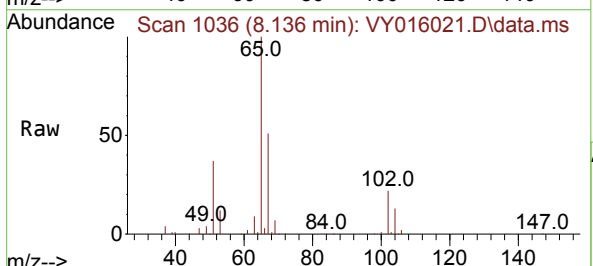


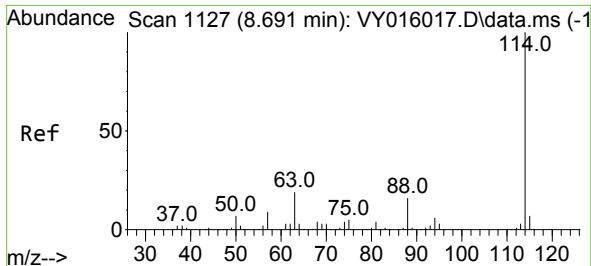
Tgt Ion: 56 Resp: 2828
Ion Ratio Lower Upper
56 100
69 177.0 27.8 41.6#
84 160.8 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 55.508 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY016021.D
Acq: 18 Oct 2023 15:37

Tgt Ion: 65 Resp: 97190
Ion Ratio Lower Upper
65 100
67 52.7 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: VY016021.D

Acq: 18 Oct 2023 15:37

Instrument :

MSVOA_Y

ClientSampleId :

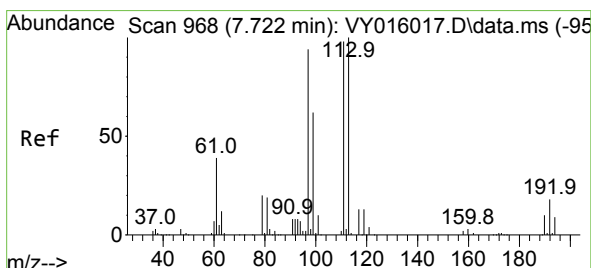
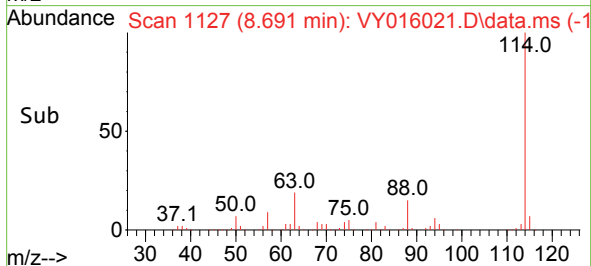
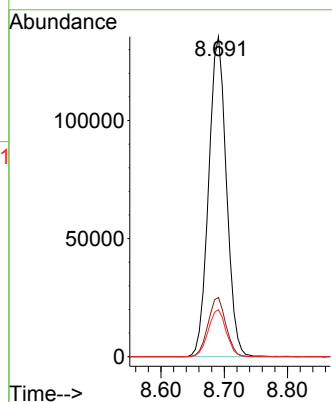
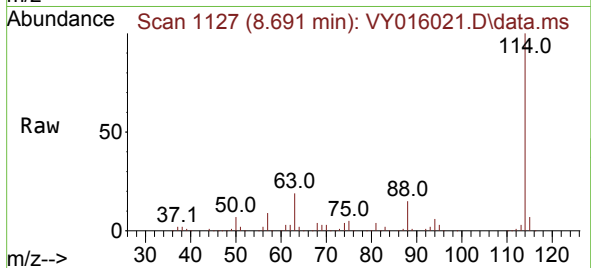
Tgt Ion:114 Resp: 264215

Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.786 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY016021.D

Acq: 18 Oct 2023 15:37

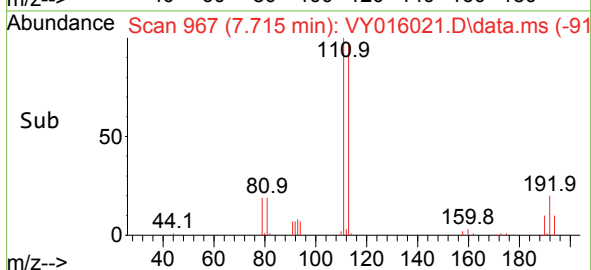
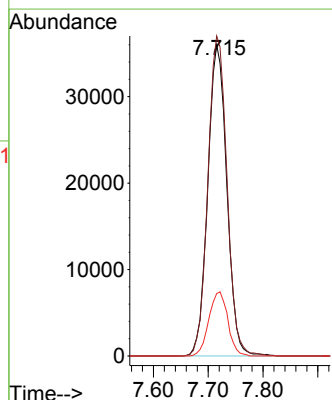
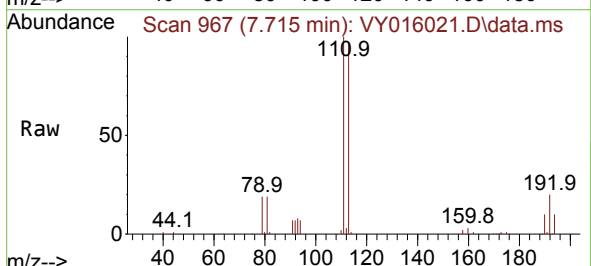
Tgt Ion:113 Resp: 86582

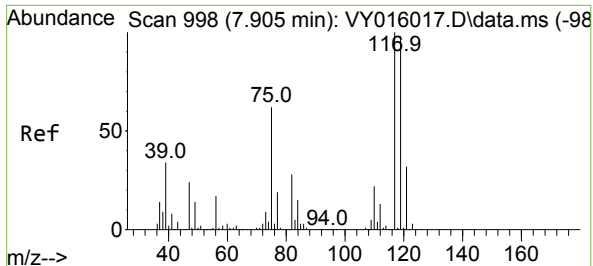
Ion Ratio Lower Upper

113 100

111 103.2 81.3 121.9

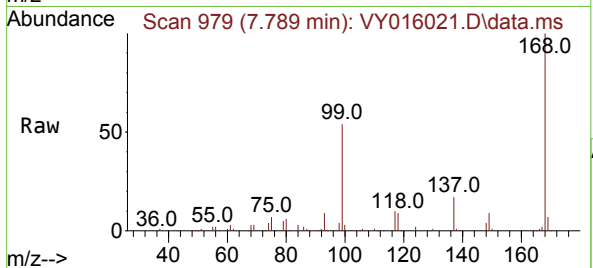
192 20.5 16.9 25.3



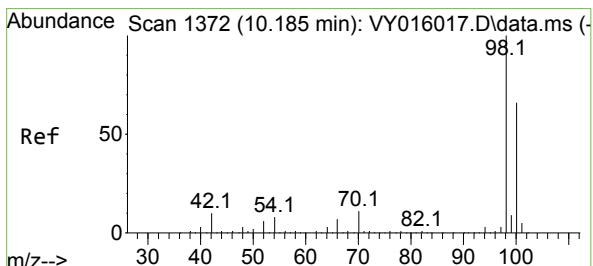
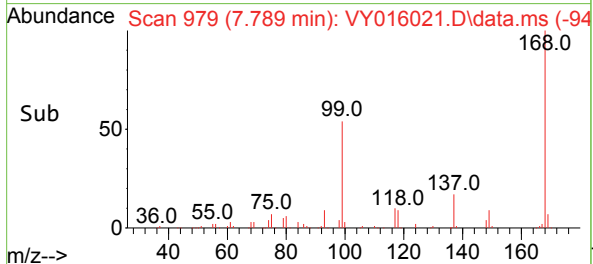
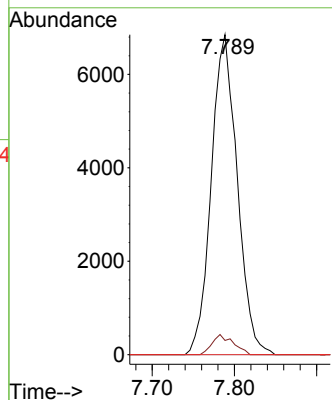


#38
Carbon Tetrachloride
Concen: 5.411 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY016021.D
Acq: 18 Oct 2023 15:37

Instrument :
MSVOA_Y
ClientSampleId :

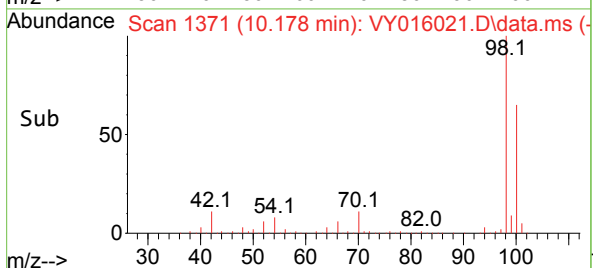
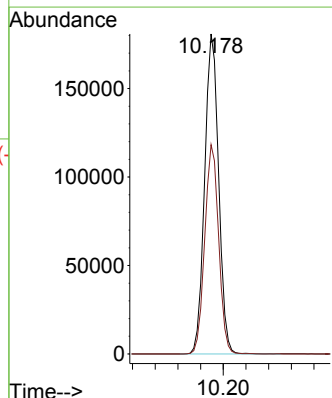
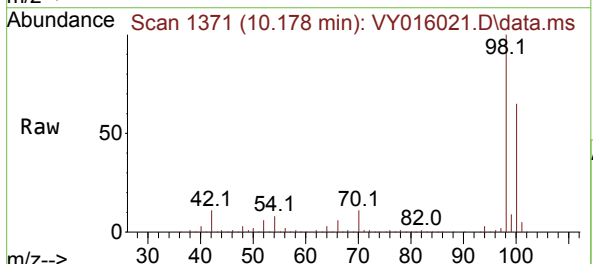


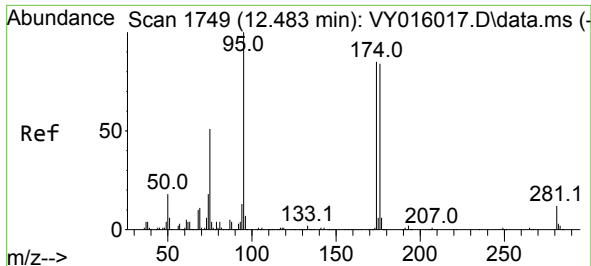
Tgt Ion:117 Resp: 15048
Ion Ratio Lower Upper
117 100
119 4.4 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 49.007 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.007 min
Lab File: VY016021.D
Acq: 18 Oct 2023 15:37

Tgt Ion: 98 Resp: 309534
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1

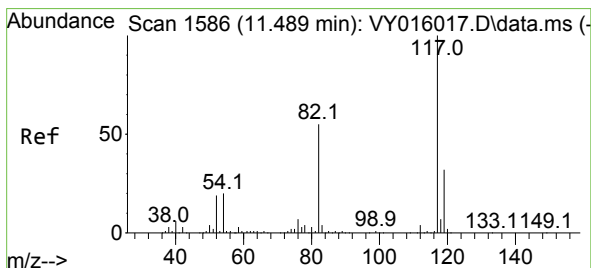
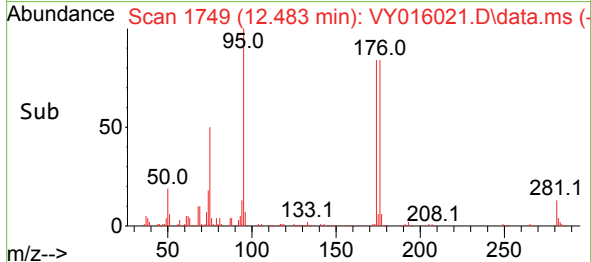
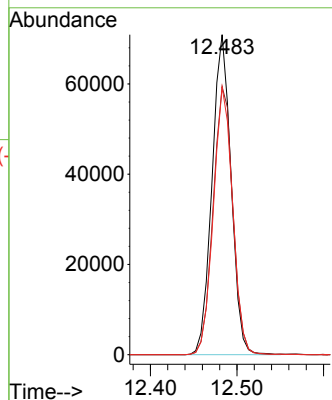
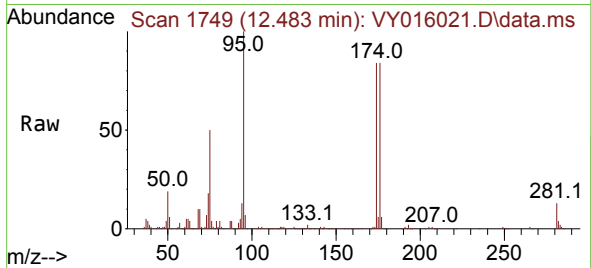




#62
4-Bromofluorobenzene
Concen: 48.057 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY016021.D
Acq: 18 Oct 2023 15:37

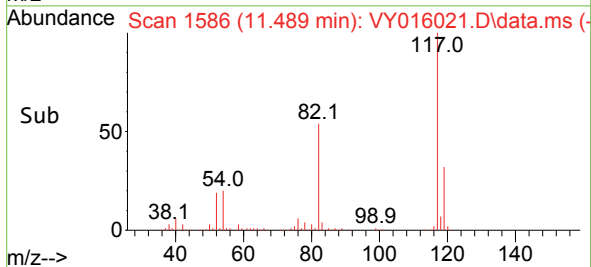
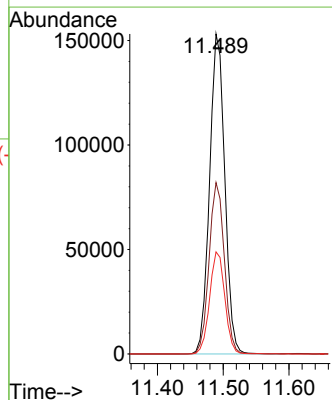
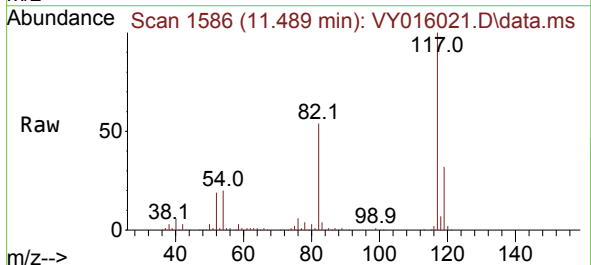
Instrument :
MSVOA_Y
ClientSampleId :

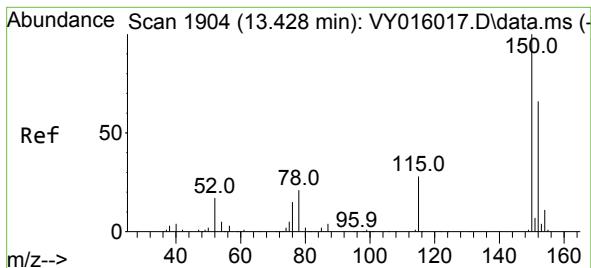
Tgt Ion: 95 Resp: 108306
Ion Ratio Lower Upper
95 100
174 86.7 0.0 178.2
176 84.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY016021.D
Acq: 18 Oct 2023 15:37

Tgt Ion: 117 Resp: 246808
Ion Ratio Lower Upper
117 100
82 53.5 43.4 65.0
119 31.9 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: VY016021.D

Acq: 18 Oct 2023 15:37

Instrument :

MSVOA_Y

ClientSampleId :

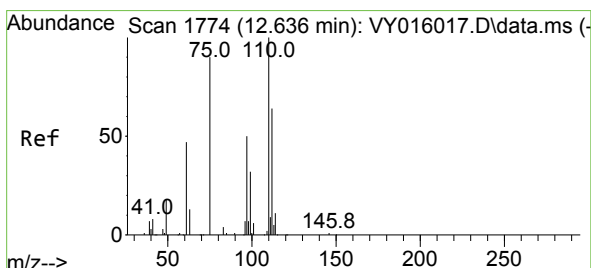
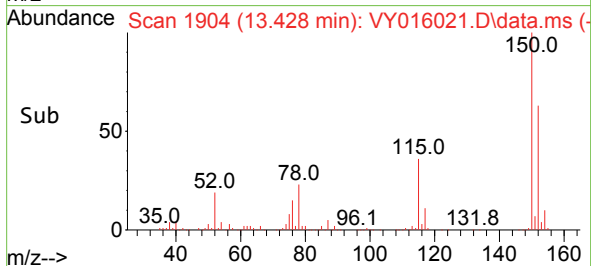
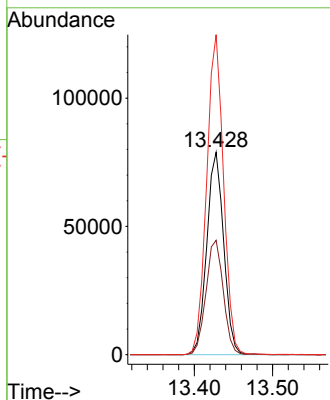
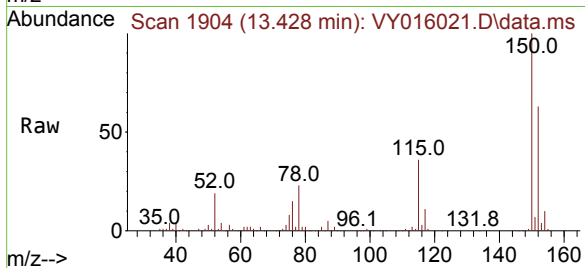
Tgt Ion:152 Resp: 118194

Ion Ratio Lower Upper

152 100

115 57.9 28.8 86.5

150 157.4 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 33.625 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.153 min

Lab File: VY016021.D

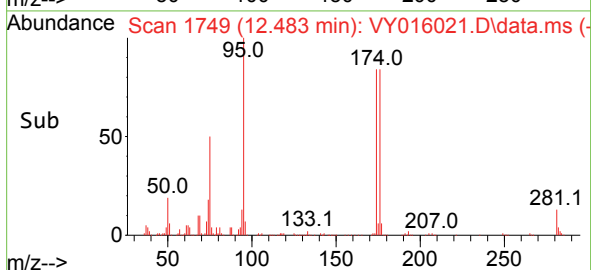
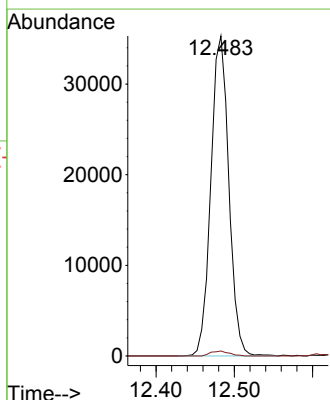
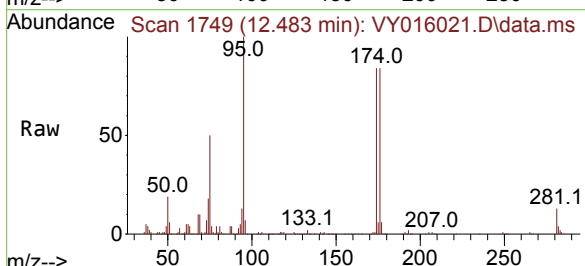
Acq: 18 Oct 2023 15:37

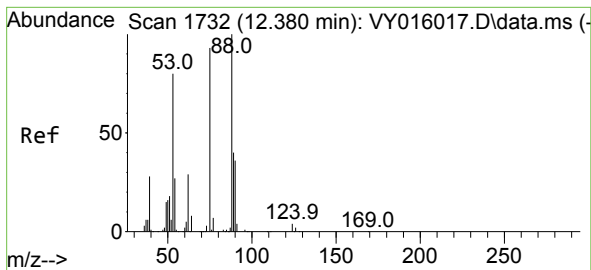
Tgt Ion: 75 Resp: 56272

Ion Ratio Lower Upper

75 100

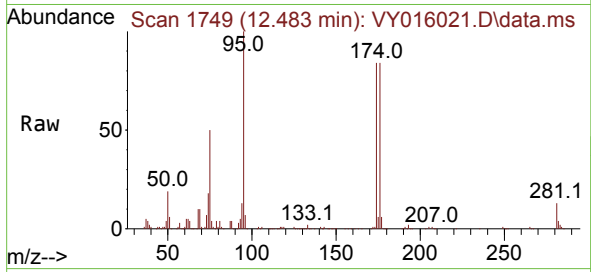
77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.401 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY016021.D
 Acq: 18 Oct 2023 15:37

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 56272
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.3 37.4 56.0#

