

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101923\
 Data File : VY016035.D
 Acq On : 19 Oct 2023 13:57
 Operator : SY/MD
 Sample : VY1019SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 20 05:35:26 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)

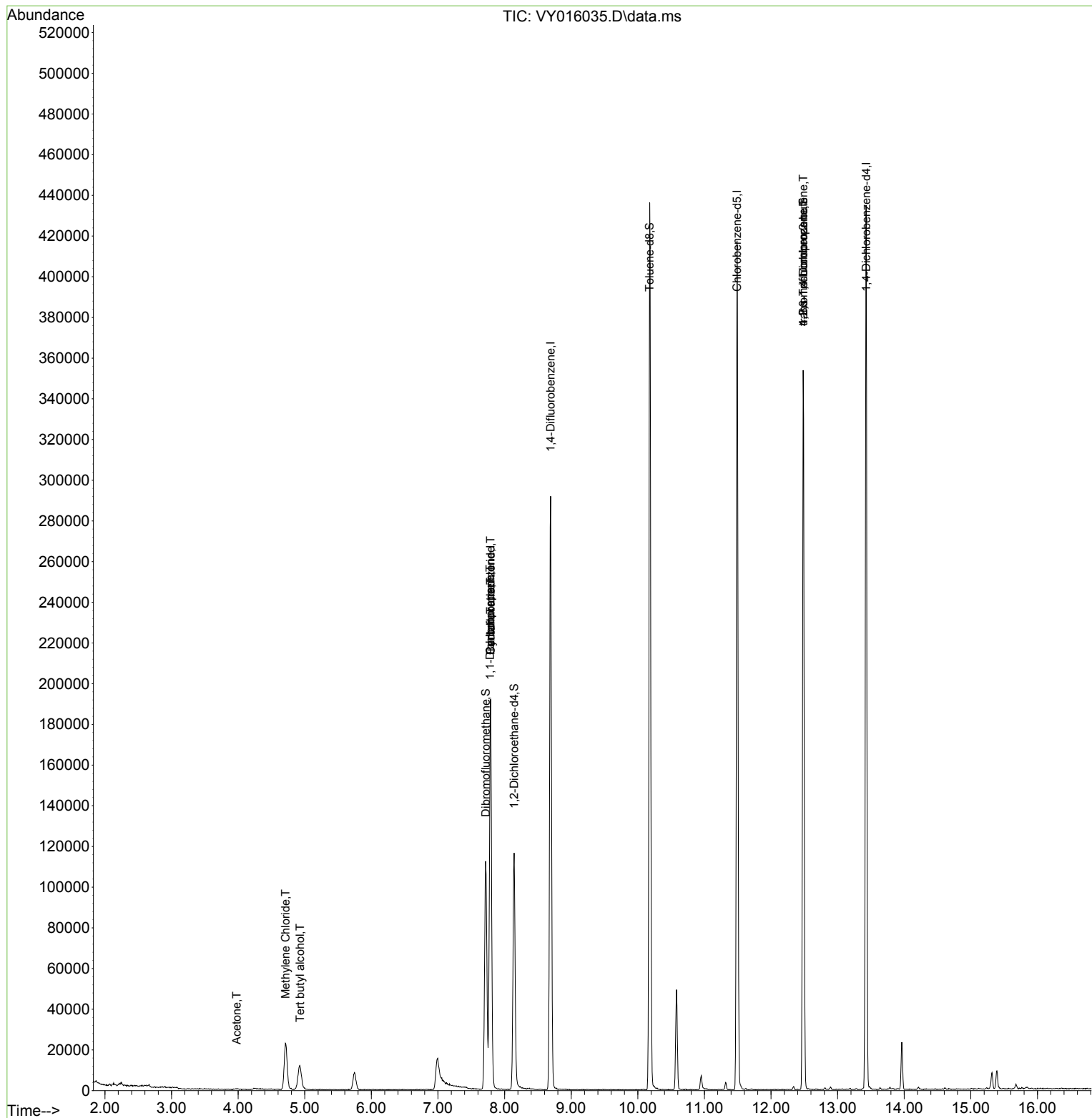
Internal Standards						
1) Pentafluorobenzene	7.789	168	152380	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	253604	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	235213	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	109883	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	94625	54.636	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.280%	
35) Dibromofluoromethane	7.715	113	81962	49.101	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.200%	
50) Toluene-d8	10.178	98	294122	48.515	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.040%	
62) 4-Bromofluorobenzene	12.483	95	99716	46.097	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 92.200%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.929	59	11943	44.672	ug/l #	89
16) Acetone	3.978	43	714	1.112	ug/l	99
20) Methylene Chloride	4.710	84	18378	9.636	ug/l #	84
31) Cyclohexane	7.789	56	2740	1.011	ug/l #	1
36) 1,1-Dichloropropene	7.782	75	11003	4.381	ug/l #	49
38) Carbon Tetrachloride	7.789	117	14350	5.376	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	52529	33.763	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	52529	73.701	ug/l #	11

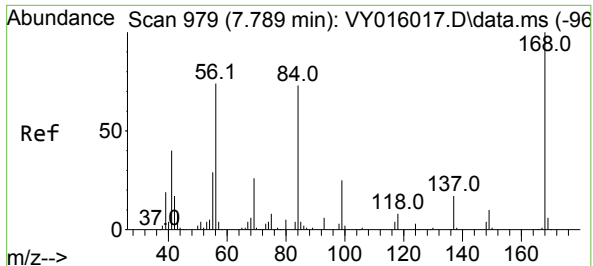
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101923\
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

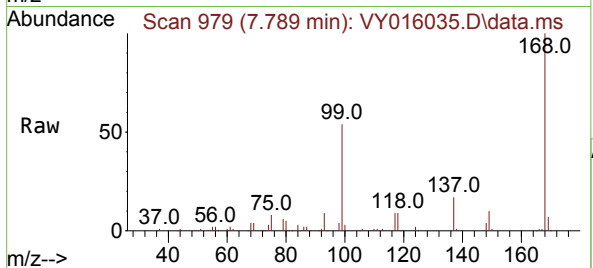
Quant Time: Oct 20 05:35:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 19 03:15:44 2023
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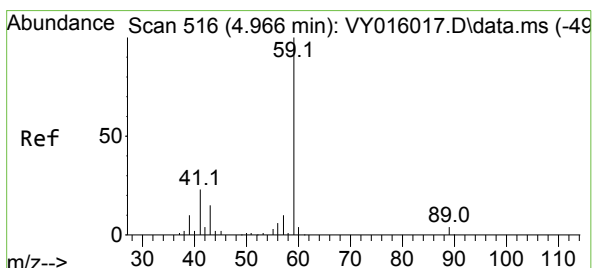
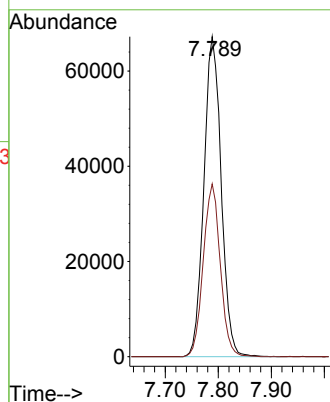
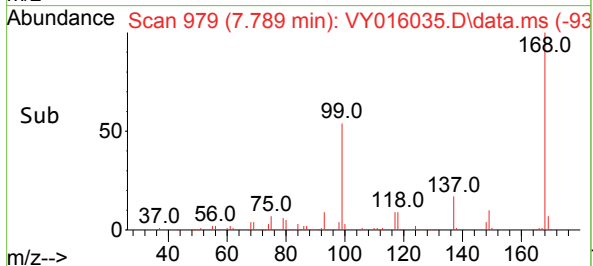


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016035.D
Acq: 19 Oct 2023 13:57

Instrument :
MSVOA_Y
ClientSampleId :

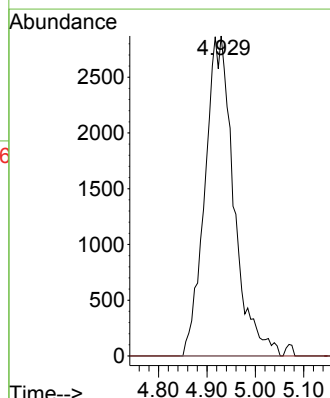
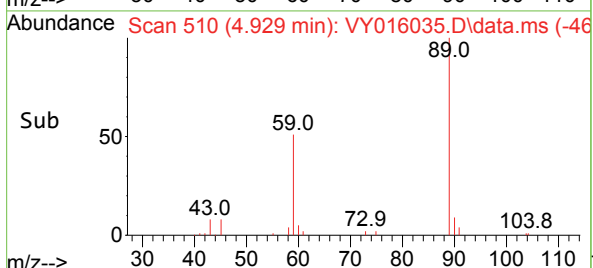
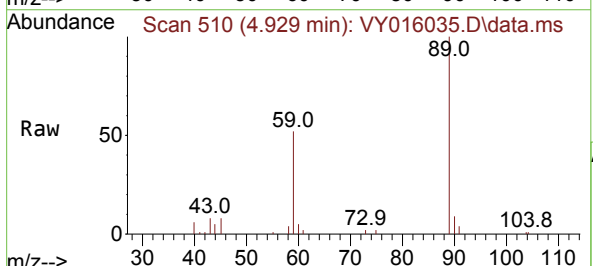


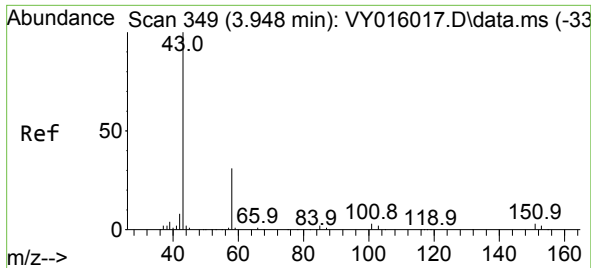
Tgt Ion:168 Resp: 152380
Ion Ratio Lower Upper
168 100
99 54.0 43.4 65.0



#11
Tert butyl alcohol
Concen: 44.672 ug/l
RT: 4.929 min Scan# 510
Delta R.T. -0.037 min
Lab File: VY016035.D
Acq: 19 Oct 2023 13:57

Tgt Ion: 59 Resp: 11943
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#





#16

Acetone

Concen: 1.112 ug/l

RT: 3.978 min Scan# 3

Delta R.T. 0.030 min

Lab File: VY016035.D

Acq: 19 Oct 2023 13:57

Instrument :

MSVOA_Y

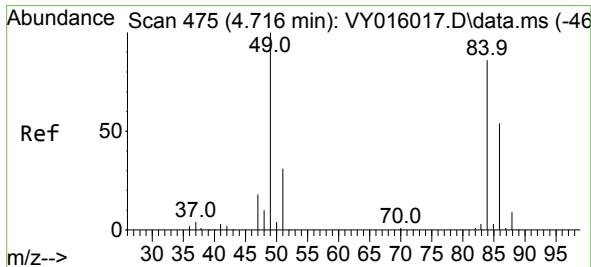
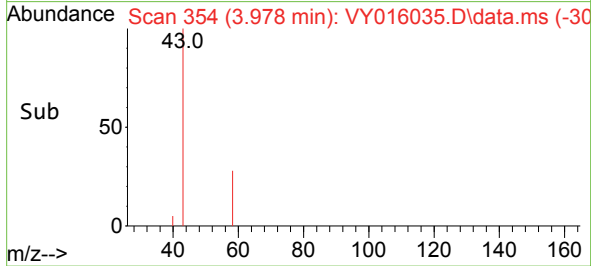
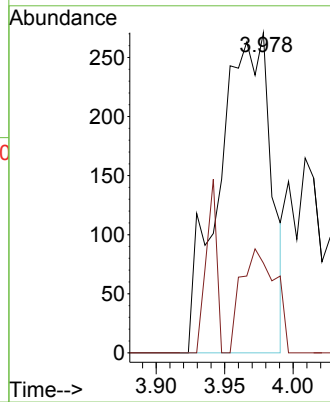
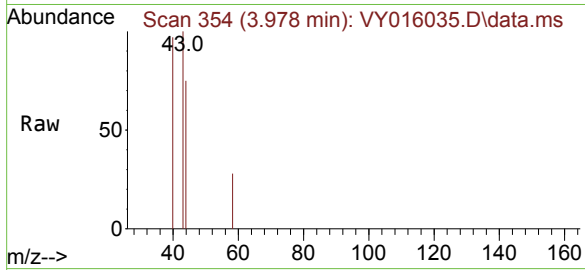
ClientSampleId :

Tgt Ion: 43 Resp: 714

Ion Ratio Lower Upper

43 100

58 28.0 22.7 34.1



#20

Methylene Chloride

Concen: 9.636 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY016035.D

Acq: 19 Oct 2023 13:57

Tgt Ion: 84 Resp: 18378

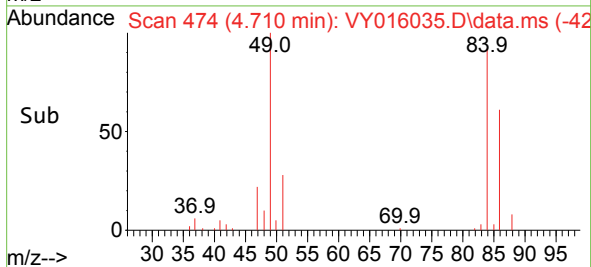
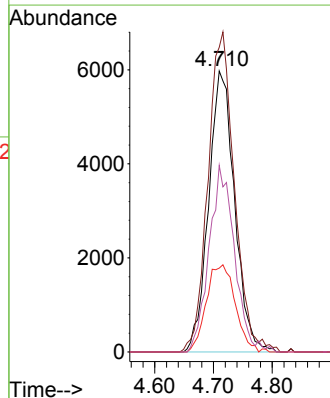
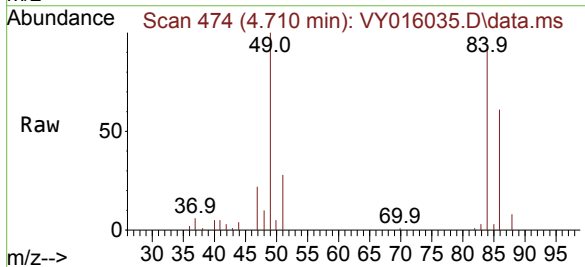
Ion Ratio Lower Upper

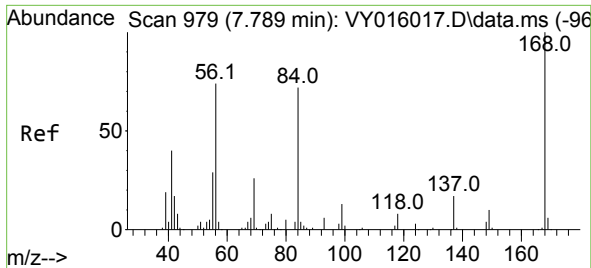
84 100

49 108.4 106.9 160.3

51 29.8 33.2 49.8#

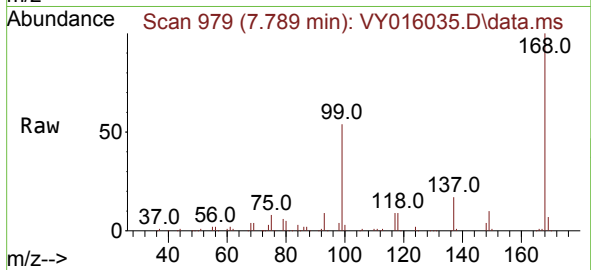
86 66.4 51.0 76.6



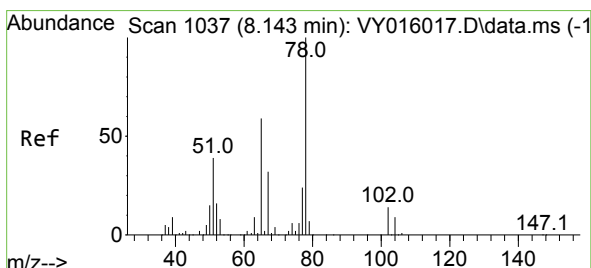
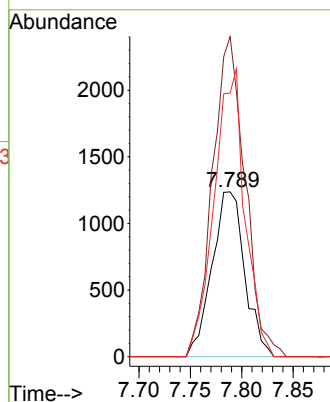
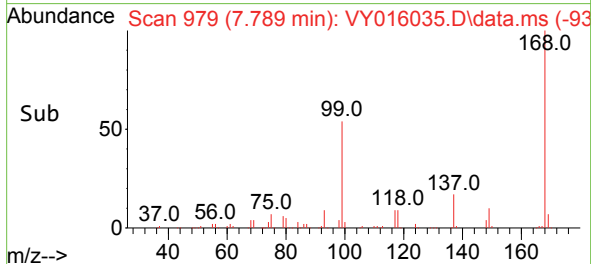


#31
Cyclohexane
Concen: 1.011 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016035.D
Acq: 19 Oct 2023 13:57

Instrument :
MSVOA_Y
ClientSampleId :

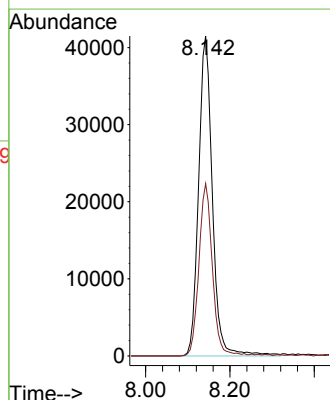
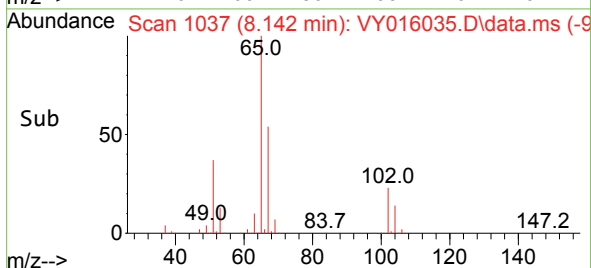
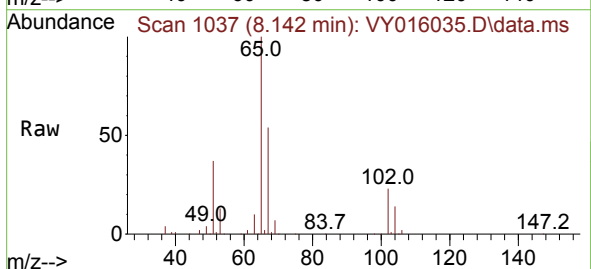


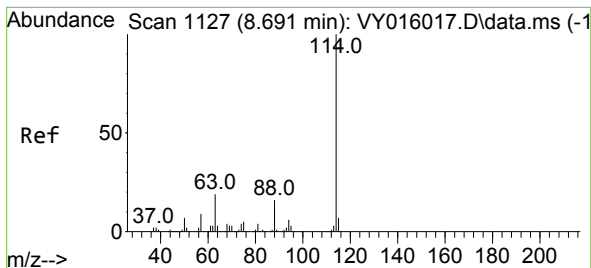
Tgt Ion: 56 Resp: 2740
Ion Ratio Lower Upper
56 100
69 194.2 27.8 41.6#
84 159.9 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 54.636 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY016035.D
Acq: 19 Oct 2023 13:57

Tgt Ion: 65 Resp: 94625
Ion Ratio Lower Upper
65 100
67 52.6 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: VY016035.D

Acq: 19 Oct 2023 13:57

Instrument :

MSVOA_Y

ClientSampleId :

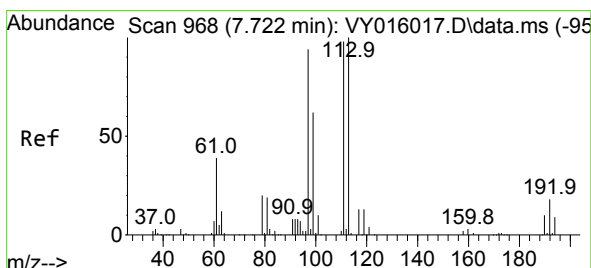
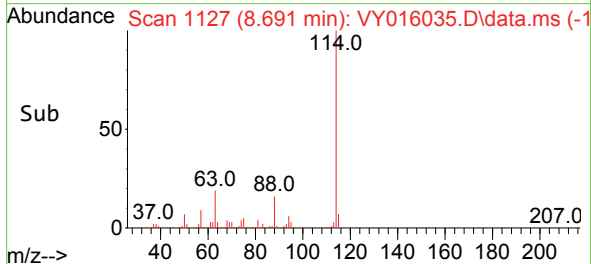
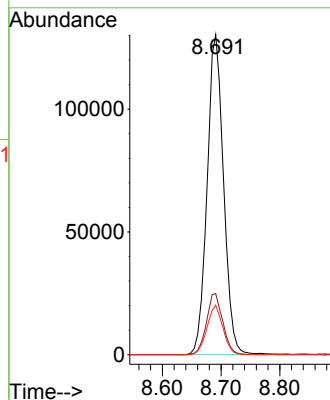
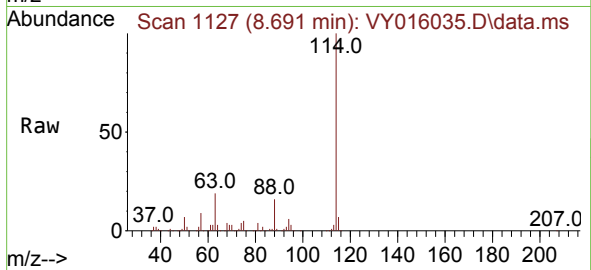
Tgt Ion:114 Resp: 253604

Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 15.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.101 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY016035.D

Acq: 19 Oct 2023 13:57

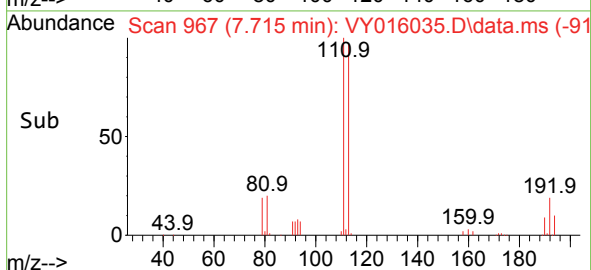
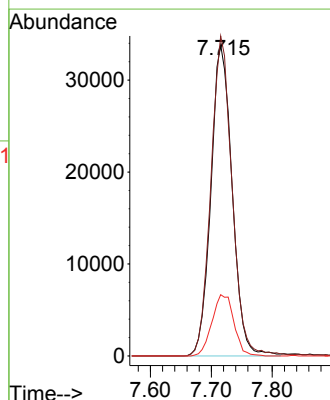
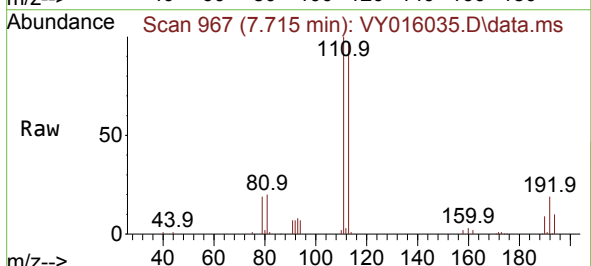
Tgt Ion:113 Resp: 81962

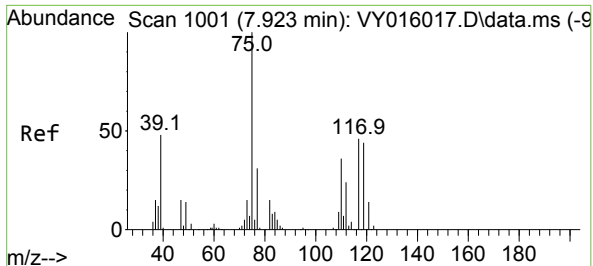
Ion Ratio Lower Upper

113 100

111 102.4 81.3 121.9

192 20.3 16.9 25.3

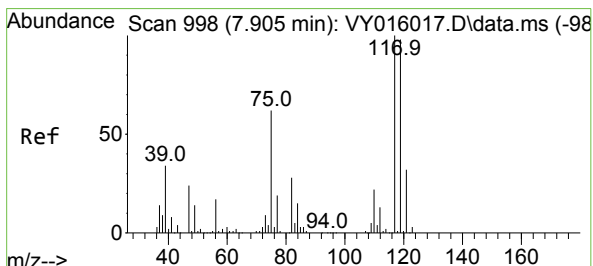
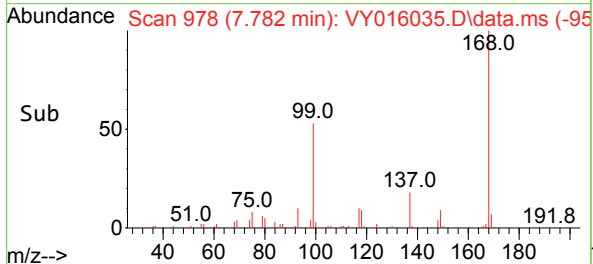
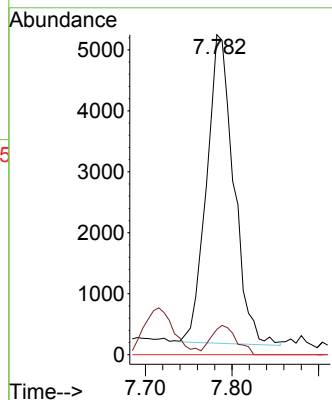
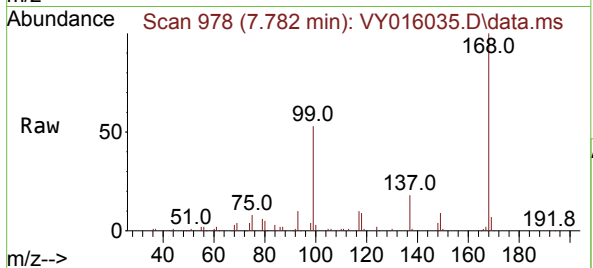




#36
1,1-Dichloropropene
Concen: 4.381 ug/l
RT: 7.782 min Scan# 911
Delta R.T. -0.141 min
Lab File: VY016035.D
Acq: 19 Oct 2023 13:57

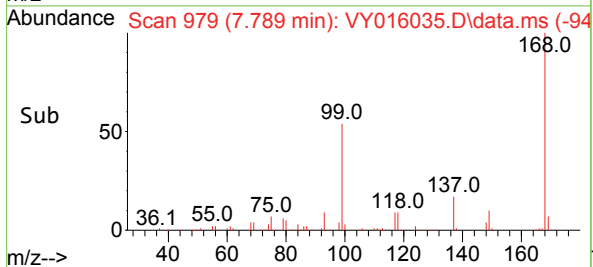
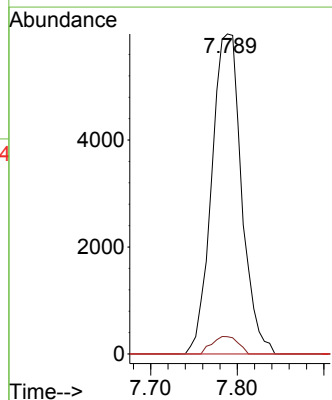
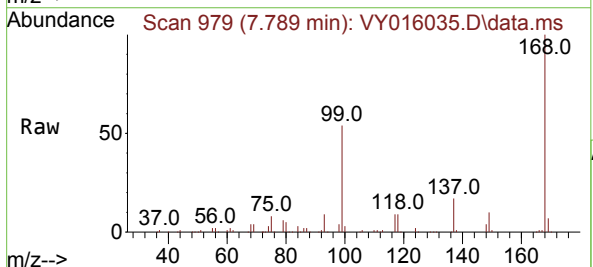
Instrument :
MSVOA_Y
ClientSampleId :

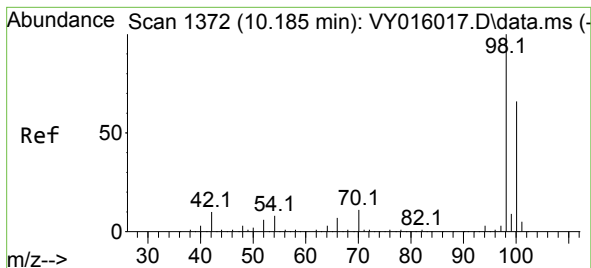
Tgt Ion: 75 Resp: 11003
Ion Ratio Lower Upper
75 100
110 8.7 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.376 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY016035.D
Acq: 19 Oct 2023 13:57

Tgt Ion: 117 Resp: 14350
Ion Ratio Lower Upper
117 100
119 5.4 76.4 114.6#
121 0.0 25.8 38.6#

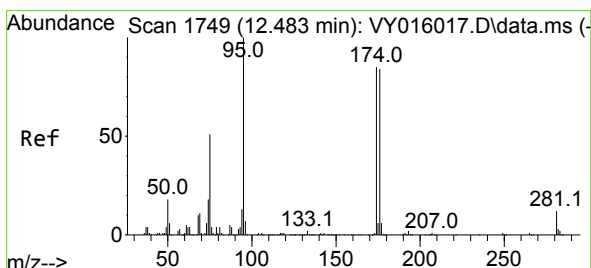
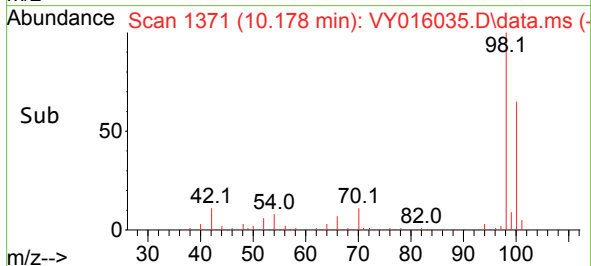
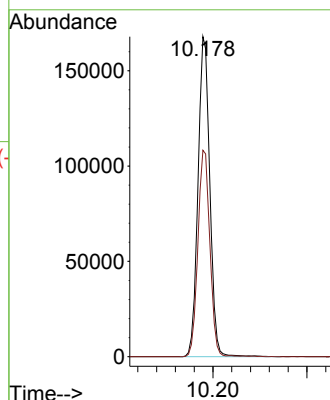
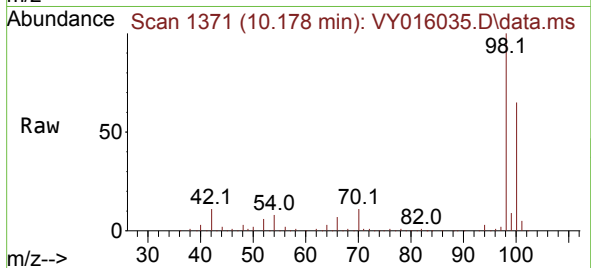




#50
Toluene-d8
Concen: 48.515 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY016035.D
Acq: 19 Oct 2023 13:57

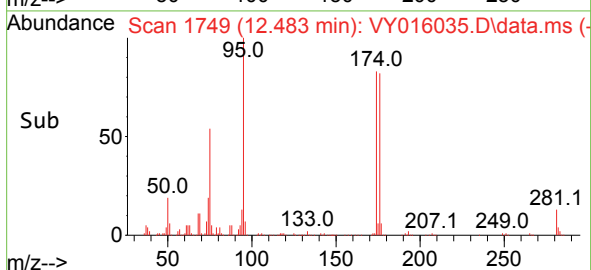
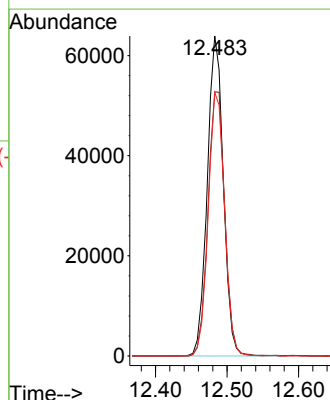
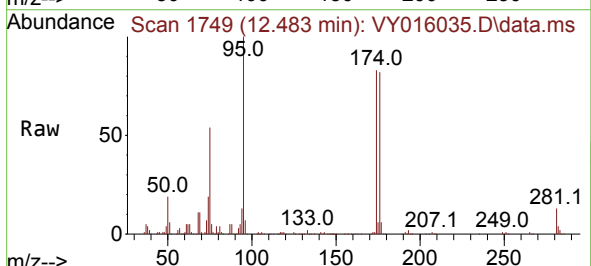
Instrument :
MSVOA_Y
ClientSampleId :

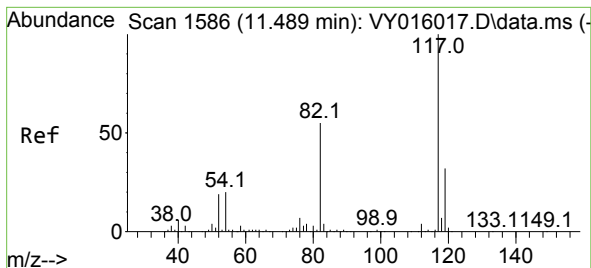
Tgt Ion: 98 Resp: 294122
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 46.097 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY016035.D
Acq: 19 Oct 2023 13:57

Tgt Ion: 95 Resp: 99716
Ion Ratio Lower Upper
95 100
174 86.6 0.0 178.2
176 83.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016035.D

Acq: 19 Oct 2023 13:57

Instrument :

MSVOA_Y

ClientSampleId :

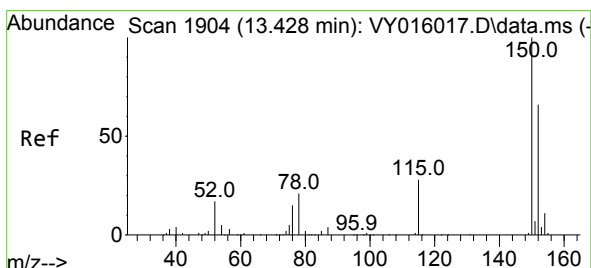
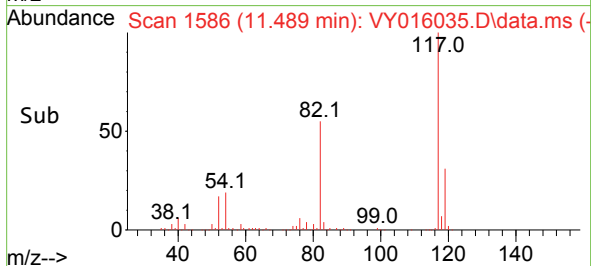
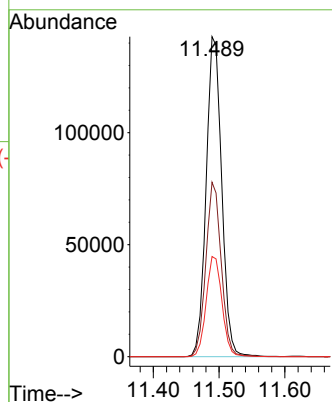
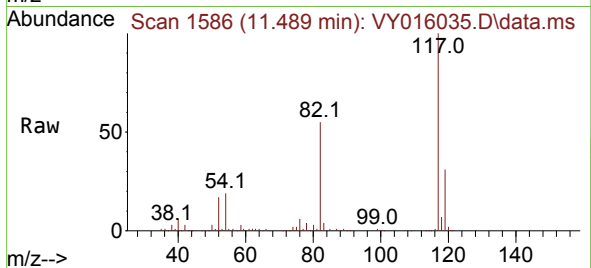
Tgt Ion:117 Resp: 235213

Ion Ratio Lower Upper

117 100

82 54.5 43.4 65.0

119 31.3 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: VY016035.D

Acq: 19 Oct 2023 13:57

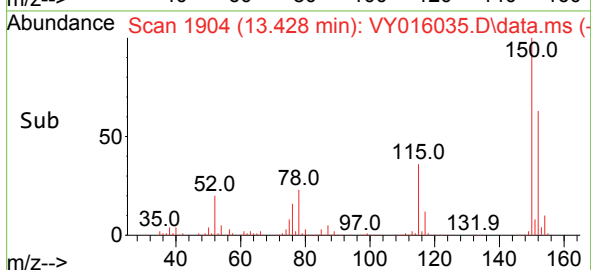
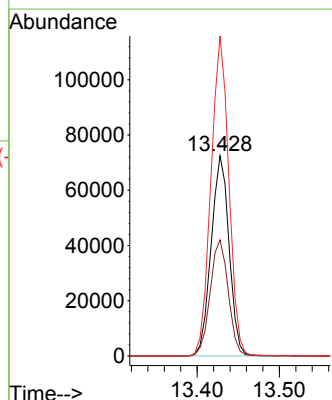
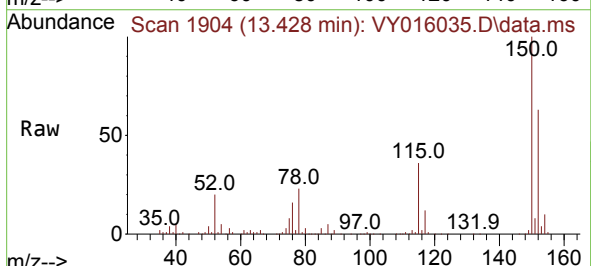
Tgt Ion:152 Resp: 109883

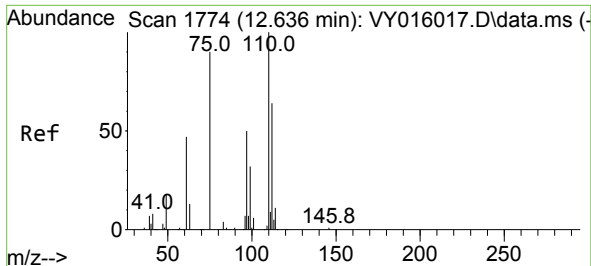
Ion Ratio Lower Upper

152 100

115 58.4 28.8 86.5

150 159.1 0.0 348.8

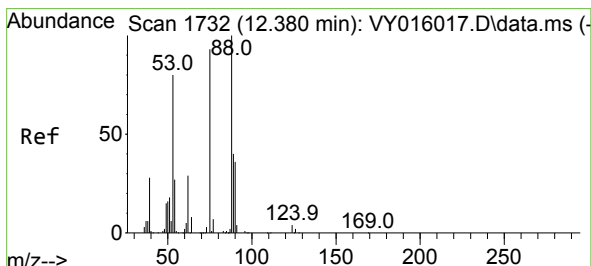
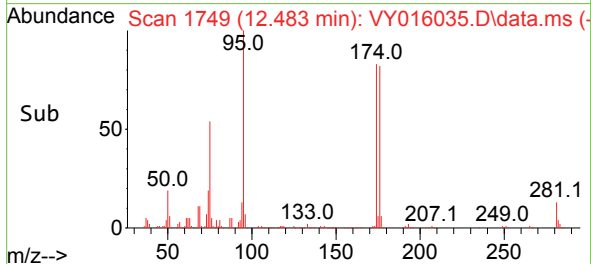
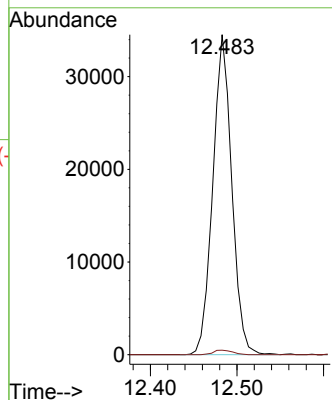
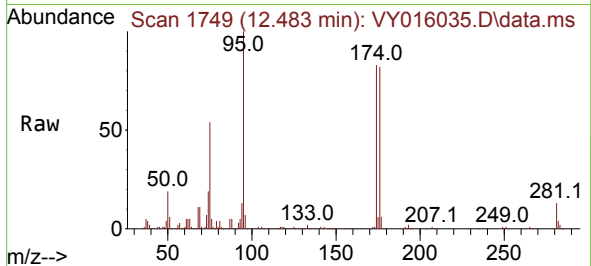




#76
1,2,3-Trichloropropane
Concen: 33.763 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY016035.D
Acq: 19 Oct 2023 13:57

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 52529
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.701 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY016035.D
Acq: 19 Oct 2023 13:57

Tgt Ion: 75 Resp: 52529
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.3 37.4 56.0#

