

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111623\
 Data File : VY016393.D
 Acq On : 16 Nov 2023 16:27
 Operator : SY/MD
 Sample : 05447-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 17 04:08:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

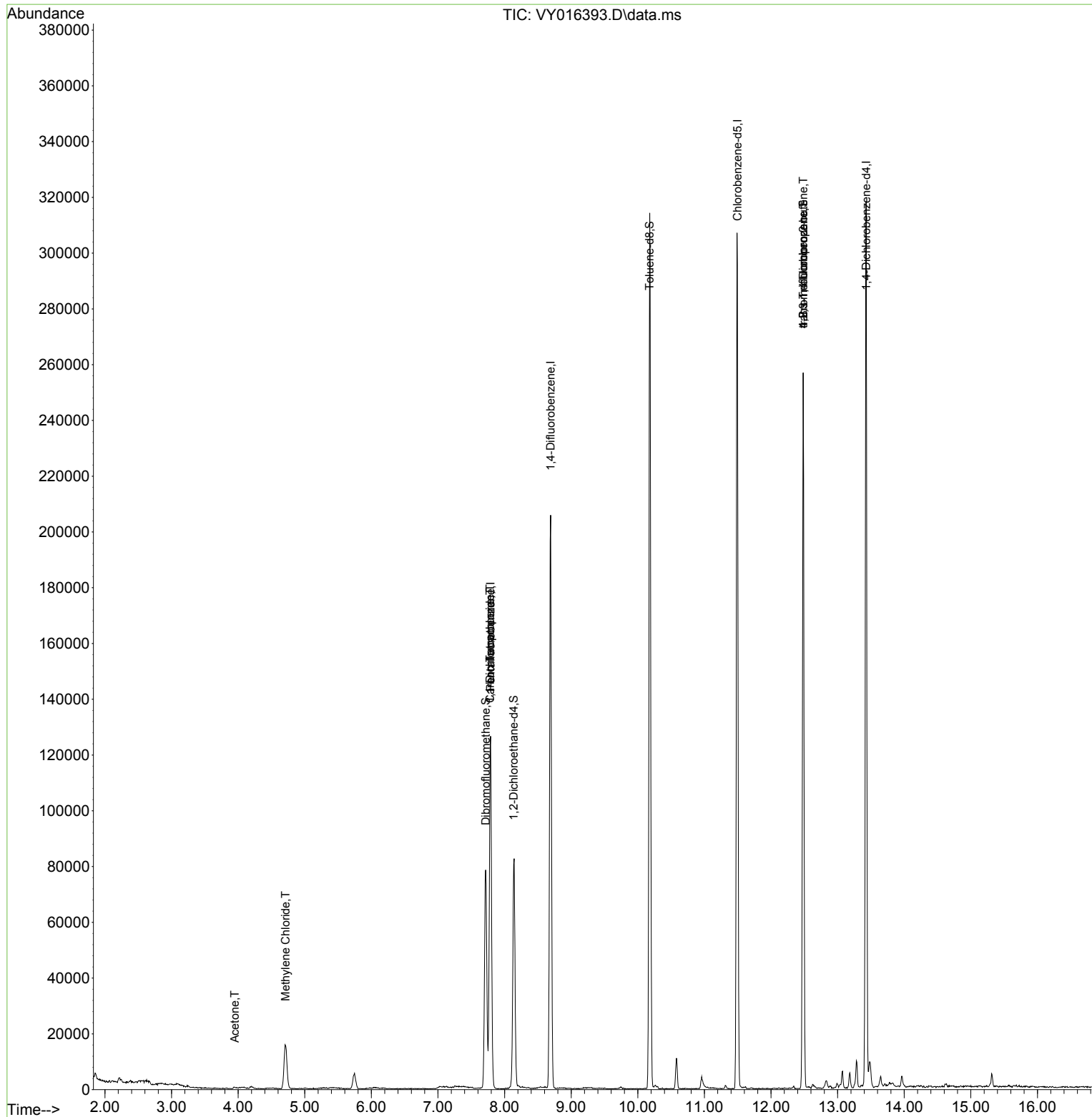
Internal Standards						
1) Pentafluorobenzene	7.789	168	100816	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	179172	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.496	117	175662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	82590	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	63761	69.199	ug/l	-0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 138.400%	
35) Dibromofluoromethane	7.716	113	57311	56.308	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.620%	
50) Toluene-d8	10.179	98	212495	51.484	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.960%	
62) 4-Bromofluorobenzene	12.483	95	75181	56.083	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 112.160%	
Target Compounds						Qvalue
16) Acetone	3.948	43	641	4.206	ug/l #	46
20) Methylene Chloride	4.710	84	12966	9.202	ug/l	89
36) 1,1-Dichloropropene	7.783	75	7264	4.110	ug/l #	51
38) Carbon Tetrachloride	7.783	117	9905	5.400	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	38406	48.476	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	38406	105.220	ug/l #	10

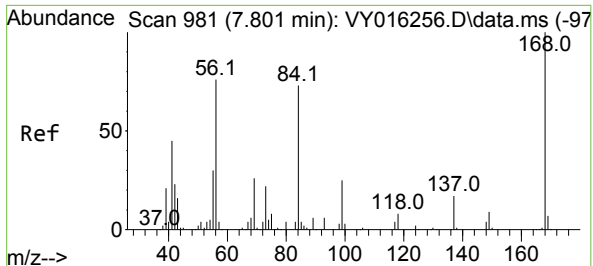
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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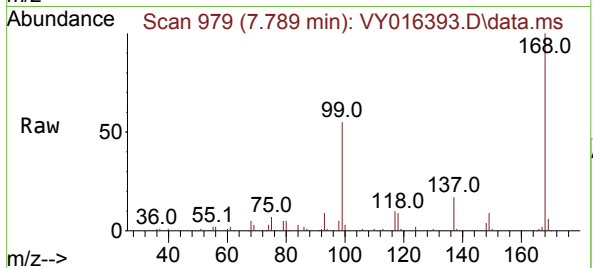
Quant Time: Nov 17 04:08:31 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
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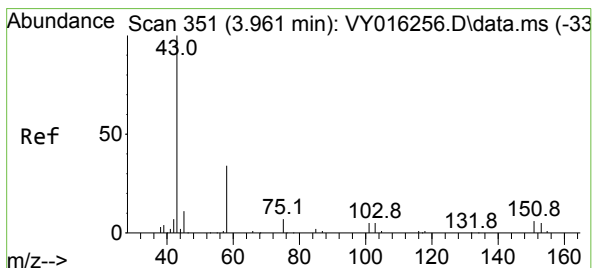
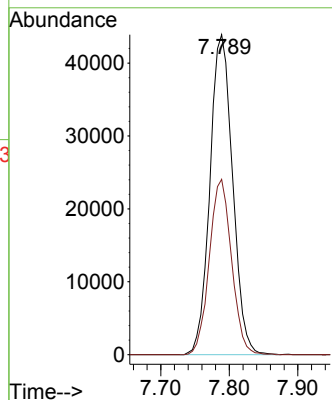
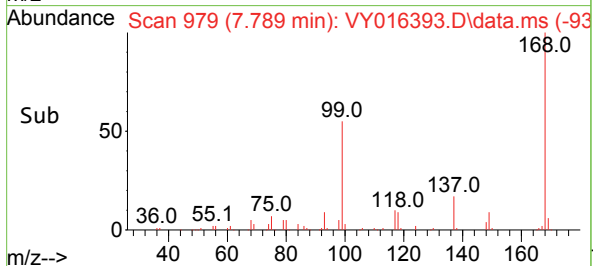


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016393.D
Acq: 16 Nov 2023 16:27

Instrument :
MSVOA_Y
ClientSampleId :

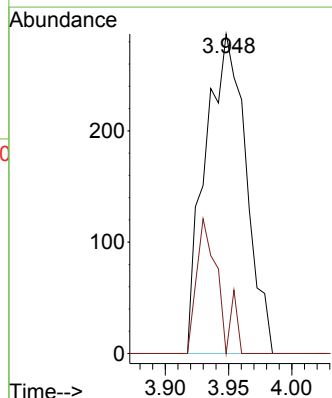
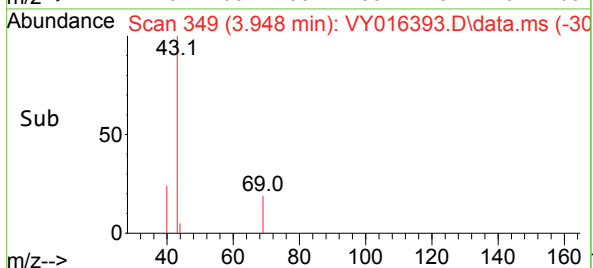
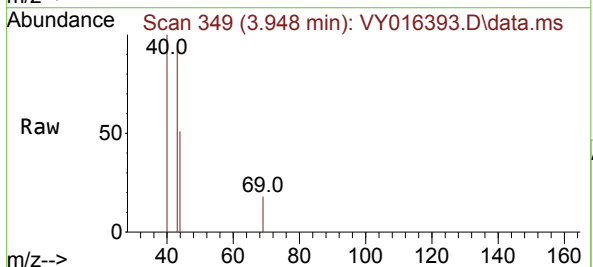


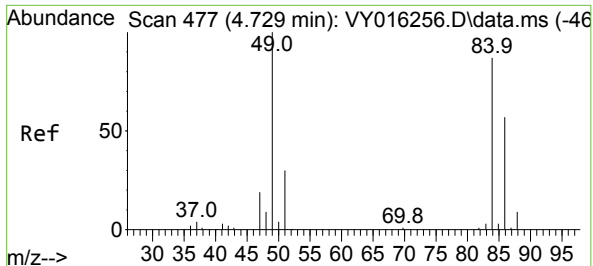
Tgt Ion:168 Resp: 100816
Ion Ratio Lower Upper
168 100
99 54.8 43.4 65.0



#16
Acetone
Concen: 4.206 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY016393.D
Acq: 16 Nov 2023 16:27

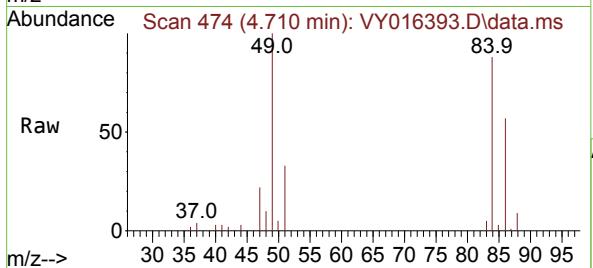
Tgt Ion: 43 Resp: 641
Ion Ratio Lower Upper
43 100
58 0.0 22.7 34.1#





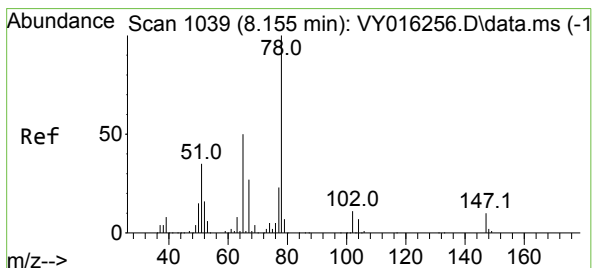
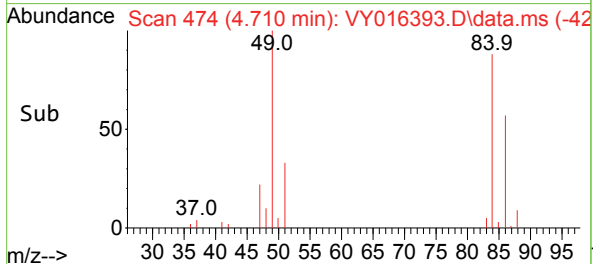
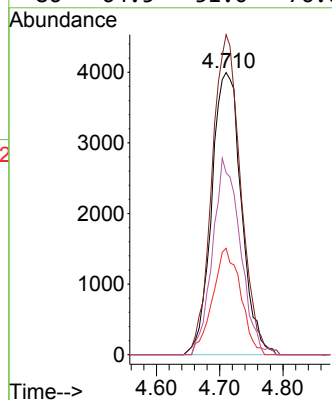
#20
Methylene Chloride
Concen: 9.202 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.019 min
Lab File: VY016393.D
Acq: 16 Nov 2023 16:27

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 12966

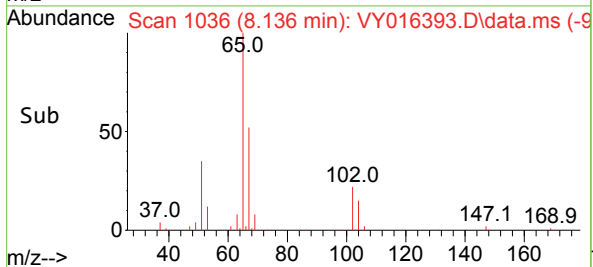
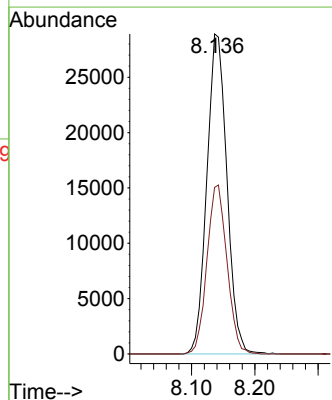
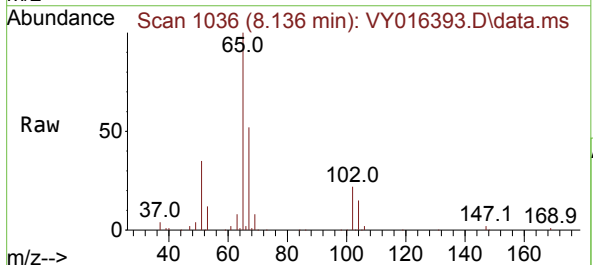
Ion	Ratio	Lower	Upper
84	100		
49	113.5	106.9	160.3
51	37.7	33.2	49.8
86	64.5	51.0	76.6

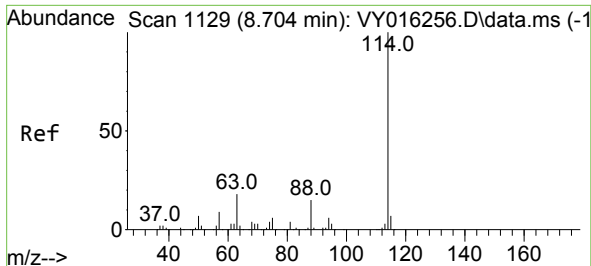


#33
1,2-Dichloroethane-d4
Concen: 69.199 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.019 min
Lab File: VY016393.D
Acq: 16 Nov 2023 16:27

Tgt Ion: 65 Resp: 63761

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. -0.012 min

Lab File: VY016393.D

Acq: 16 Nov 2023 16:27

Instrument :

MSVOA_Y

ClientSampleId :

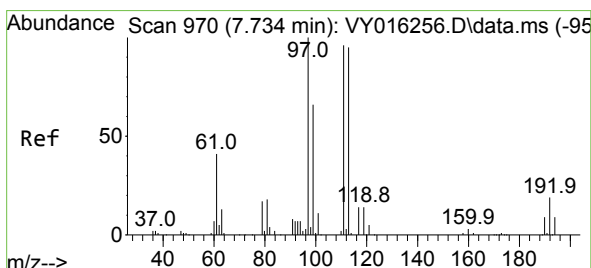
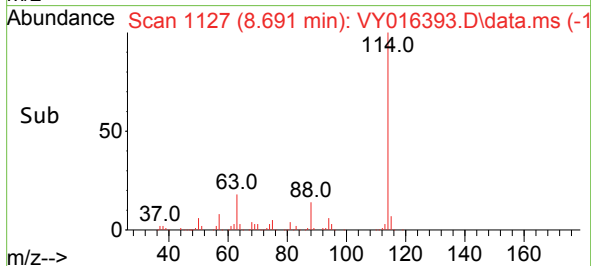
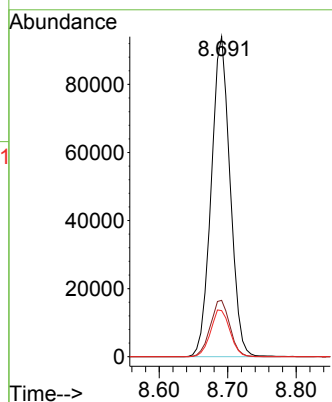
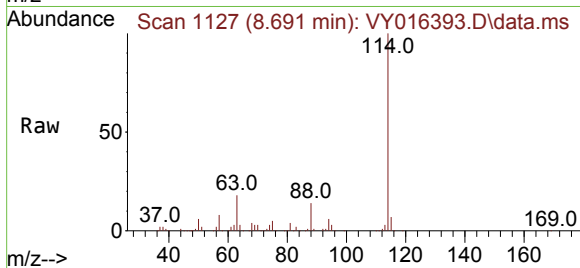
Tgt Ion:114 Resp: 179172

Ion Ratio Lower Upper

114 100

63 17.6 0.0 42.4

88 14.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.308 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.019 min

Lab File: VY016393.D

Acq: 16 Nov 2023 16:27

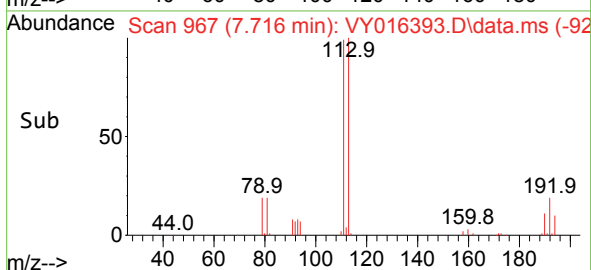
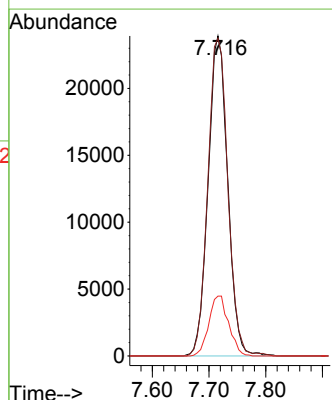
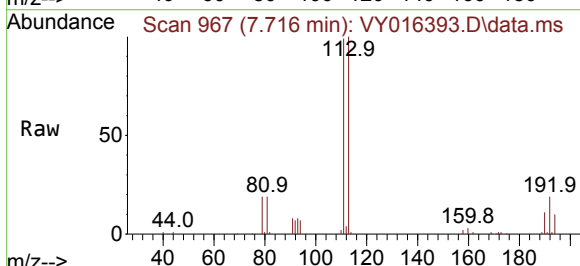
Tgt Ion:113 Resp: 57311

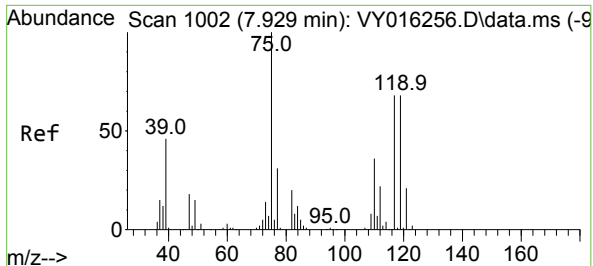
Ion Ratio Lower Upper

113 100

111 101.7 81.3 121.9

192 19.0 16.9 25.3

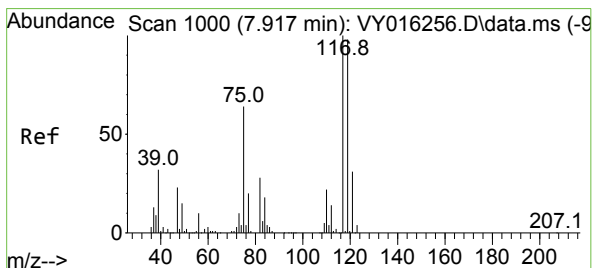
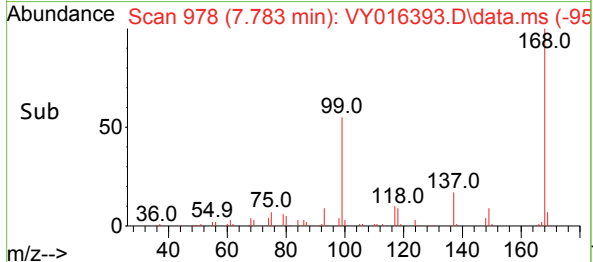
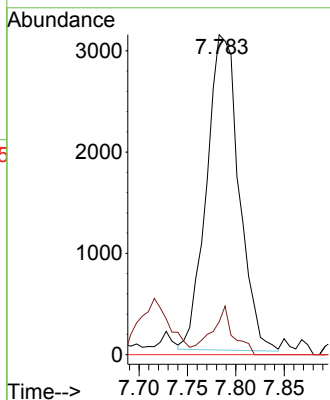
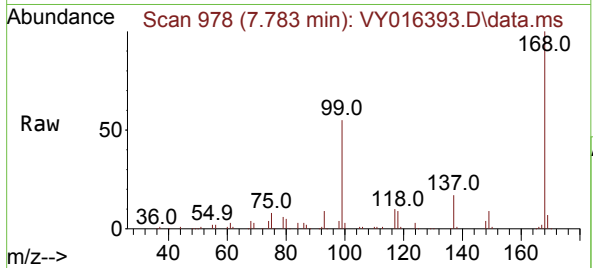




#36
1,1-Dichloropropene
Concen: 4.110 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.147 min
Lab File: VY016393.D
Acq: 16 Nov 2023 16:27

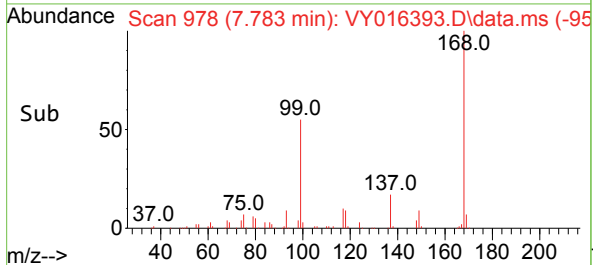
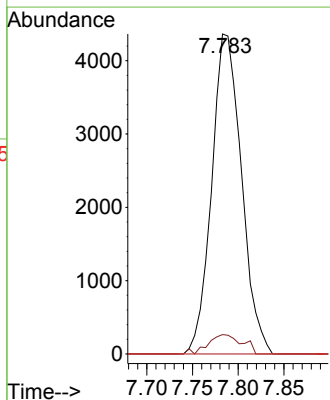
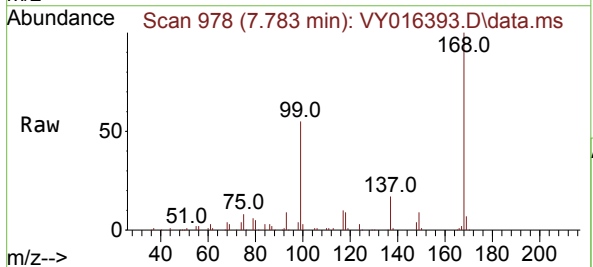
Instrument :
MSVOA_Y
ClientSampleId :

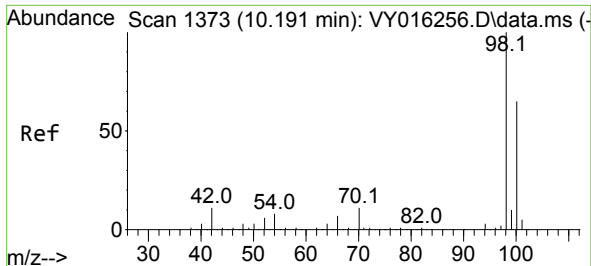
Tgt Ion: 75 Resp: 7264
Ion Ratio Lower Upper
75 100
110 10.3 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.400 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY016393.D
Acq: 16 Nov 2023 16:27

Tgt Ion: 117 Resp: 9905
Ion Ratio Lower Upper
117 100
119 6.0 76.4 114.6#
121 0.0 25.8 38.6#

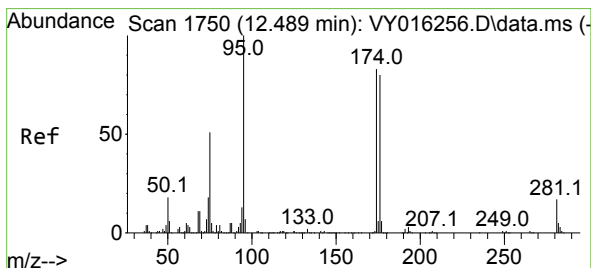
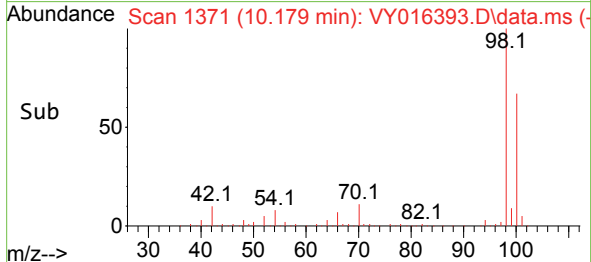
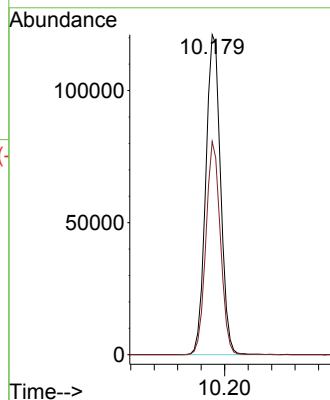
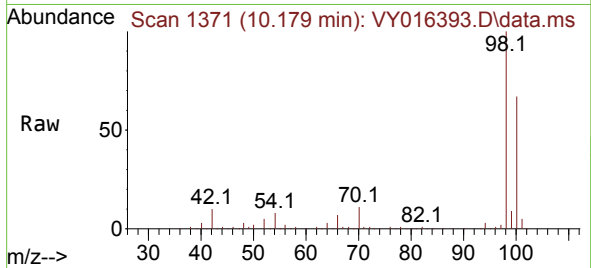




#50
Toluene-d8
Concen: 51.484 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY016393.D
Acq: 16 Nov 2023 16:27

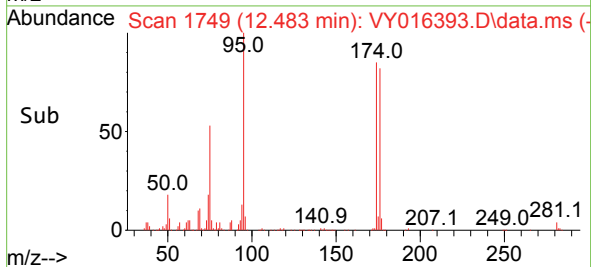
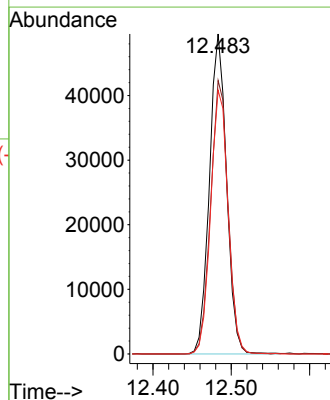
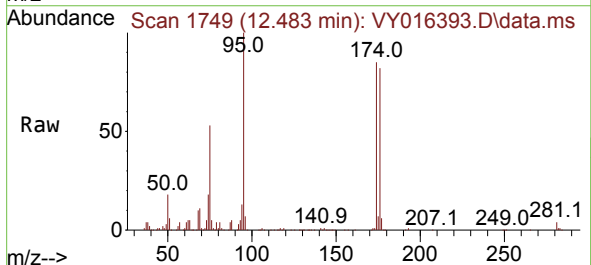
Instrument :
MSVOA_Y
ClientSampleId :

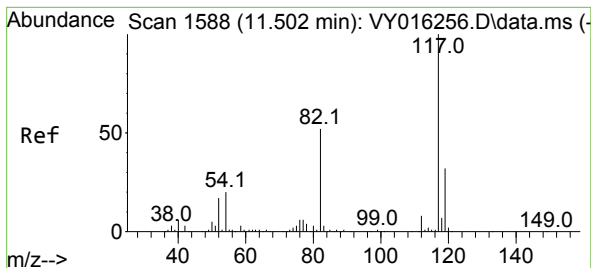
Tgt Ion: 98 Resp: 212495
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 56.083 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016393.D
Acq: 16 Nov 2023 16:27

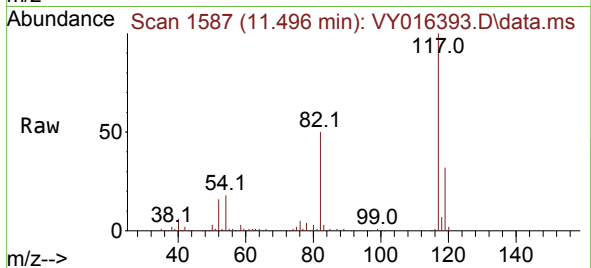
Tgt Ion: 95 Resp: 75181
Ion Ratio Lower Upper
95 100
174 86.8 0.0 178.2
176 84.3 0.0 173.8



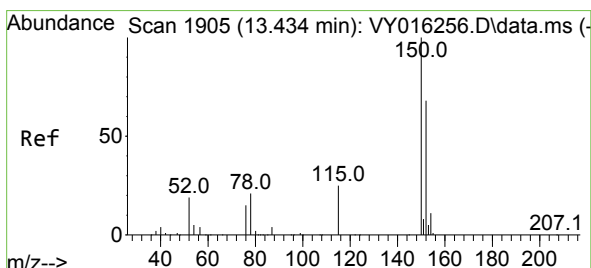
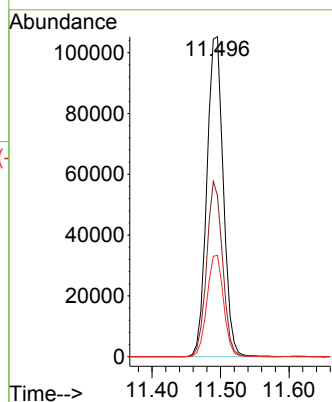
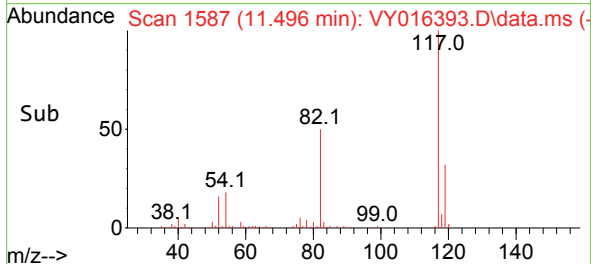


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016393.D
Acq: 16 Nov 2023 16:27

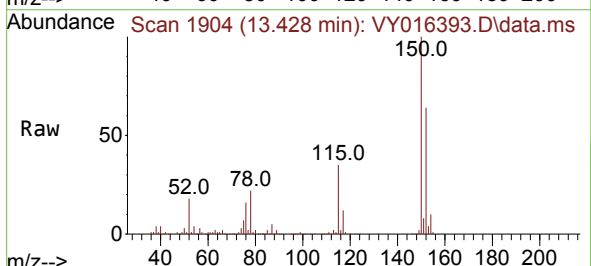
Instrument :
MSVOA_Y
ClientSampleId :



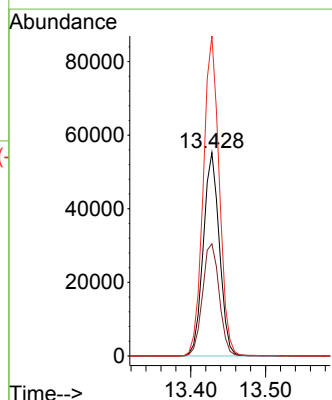
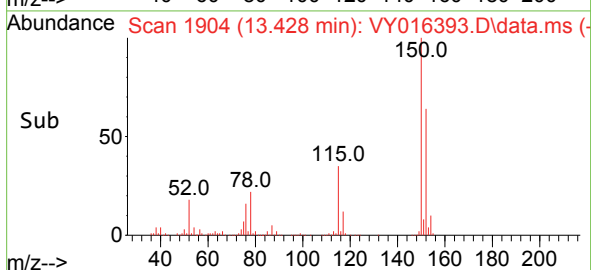
Tgt Ion:117 Resp: 175662
Ion Ratio Lower Upper
117 100
82 50.3 43.4 65.0
119 31.7 26.3 39.5

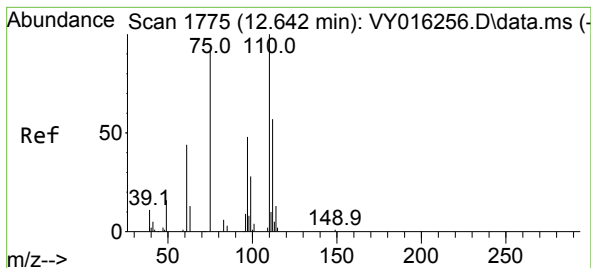


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY016393.D
Acq: 16 Nov 2023 16:27



Tgt Ion:152 Resp: 82590
Ion Ratio Lower Upper
152 100
115 57.5 28.8 86.5
150 156.3 0.0 348.8





#76

1,2,3-Trichloropropane

Concen: 48.476 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.159 min

Lab File: VY016393.D

Acq: 16 Nov 2023 16:27

Instrument :

MSVOA_Y

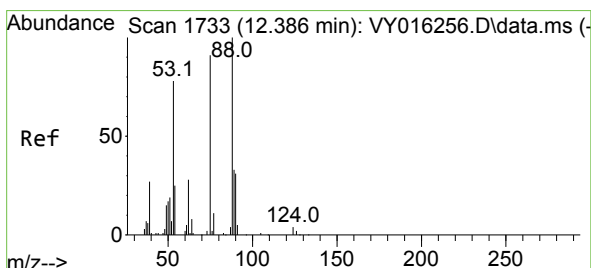
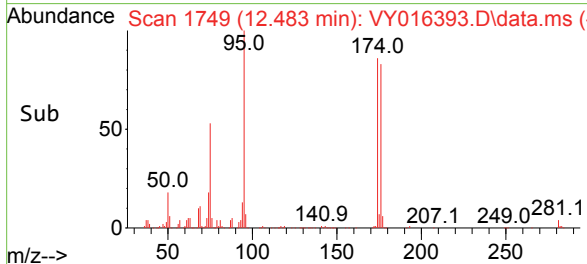
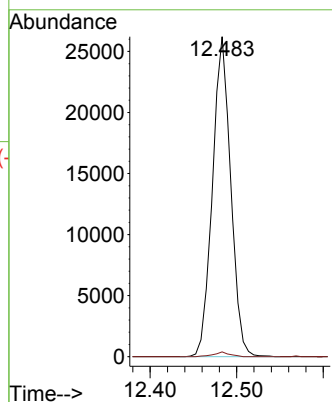
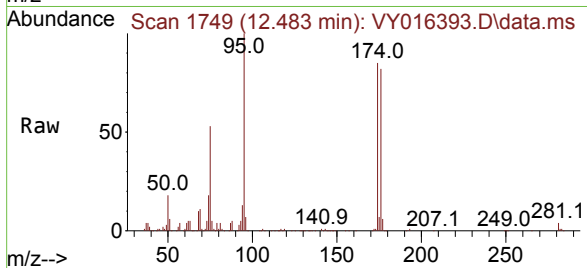
ClientSampleId :

Tgt Ion: 75 Resp: 38406

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 105.220 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.097 min

Lab File: VY016393.D

Acq: 16 Nov 2023 16:27

Tgt Ion: 75 Resp: 38406

Ion Ratio Lower Upper

75 100

53 0.0 77.8 116.8#

89 0.0 37.4 56.0#

