

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060623\
 Data File : VY014027.D
 Acq On : 06 Jun 2023 13:52
 Operator : KP/MD
 Sample : 03018-11RE
 Misc : 3.16g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 278

Quant Time: Jun 07 01:37:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

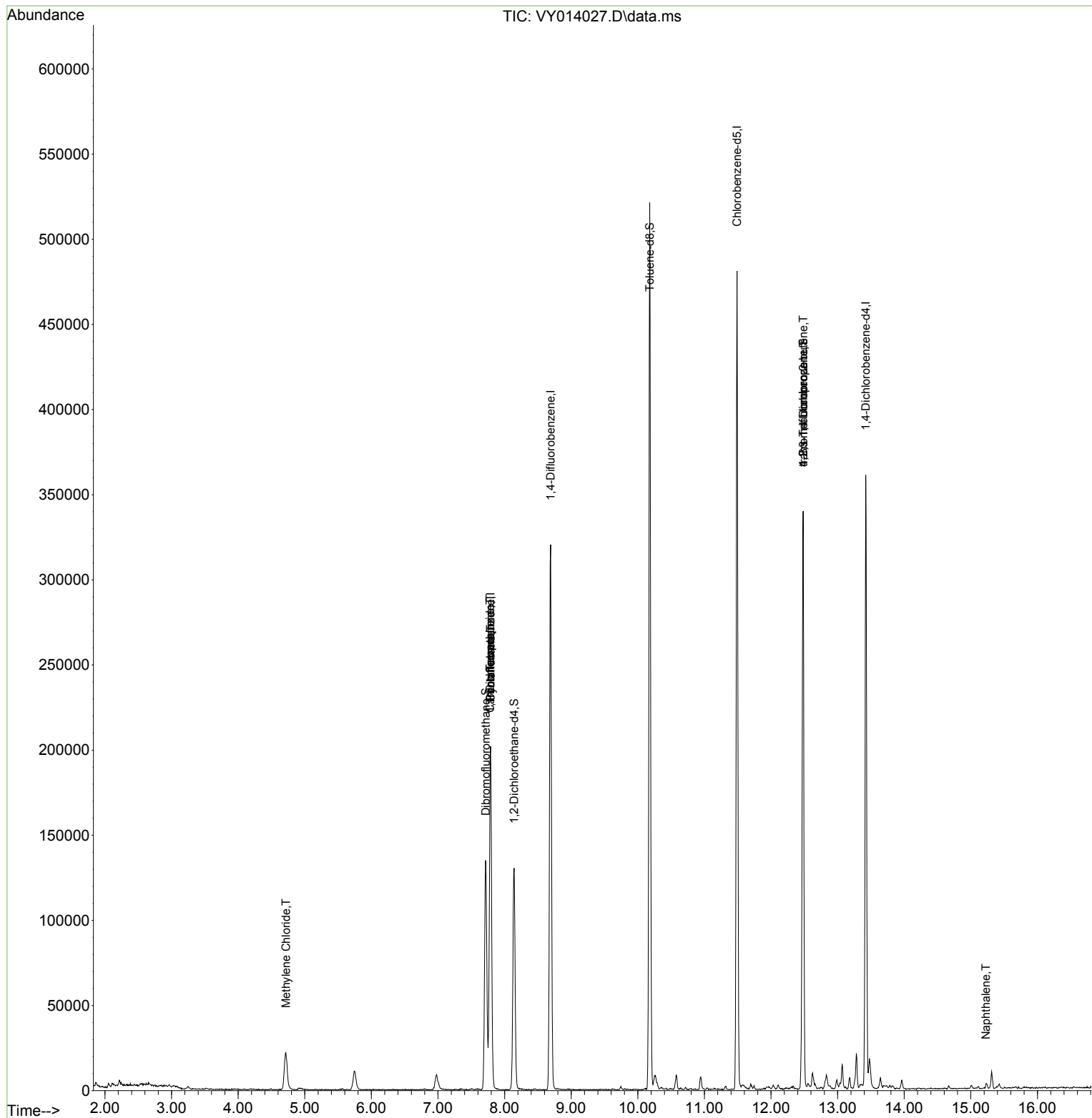
Internal Standards						
1) Pentafluorobenzene	7.789	168	158039	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	266764	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	250310	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	91908	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	109441	52.312	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.620%	
35) Dibromofluoromethane	7.716	113	91821	54.162	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.320%	
50) Toluene-d8	10.179	98	330743	51.146	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.300%	
62) 4-Bromofluorobenzene	12.483	95	93407	42.369	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 84.740%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.716	84	16050	4.669	ug/l	97
31) Cyclohexane	7.789	56	3744	1.486	ug/l #	50
36) 1,1-Dichloropropene	7.783	75	12628	5.228	ug/l #	51
38) Carbon Tetrachloride	7.783	117	15456	5.711	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	51256	41.442	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	51256	87.920	ug/l #	12
95) Naphthalene	15.227	128	2700	4.461	ug/l	98

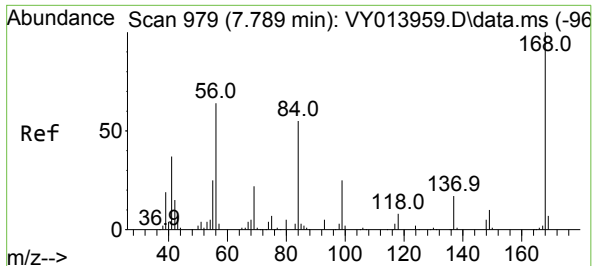
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

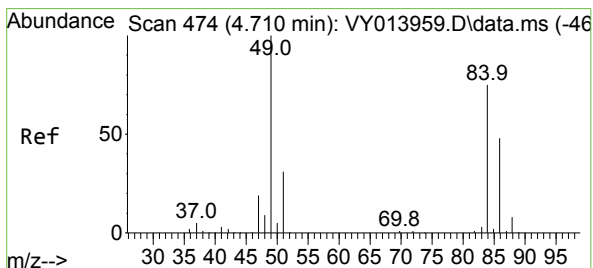
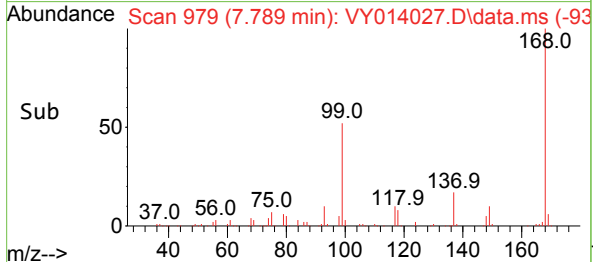
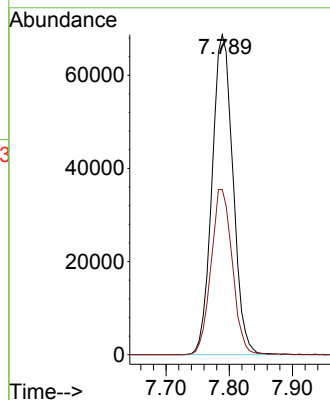
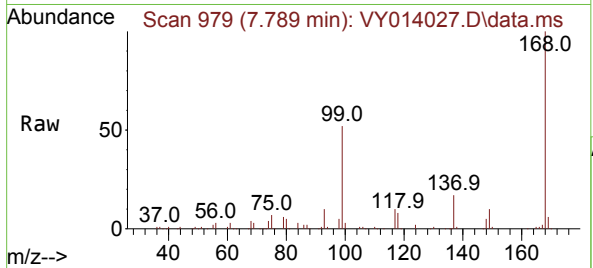




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014027.D
Acq: 06 Jun 2023 13:52

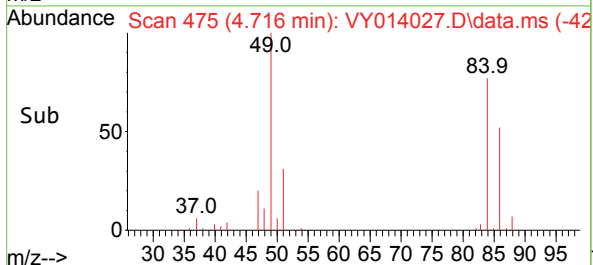
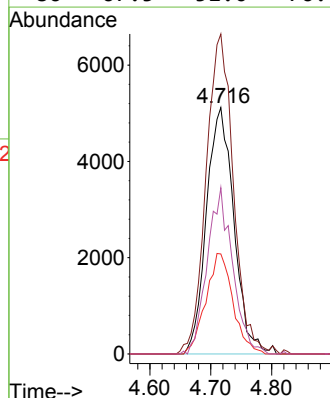
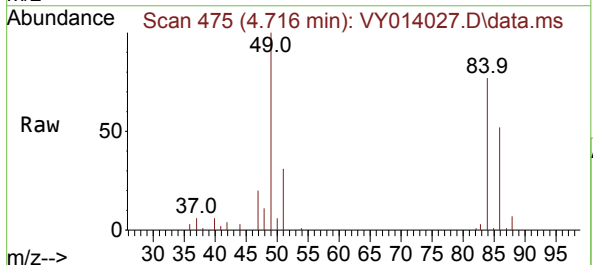
Instrument :
MSVOA_Y
ClientSampleId :
278

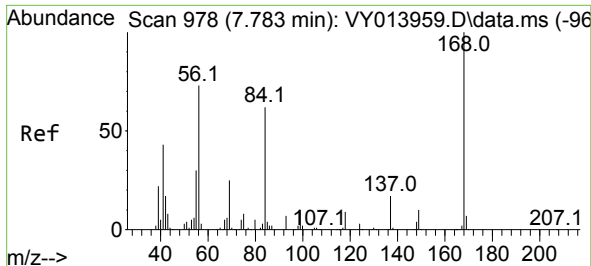
Tgt Ion:168 Resp: 158039
Ion Ratio Lower Upper
168 100
99 51.6 43.4 65.0



#20
Methylene Chloride
Concen: 4.669 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY014027.D
Acq: 06 Jun 2023 13:52

Tgt Ion: 84 Resp: 16050
Ion Ratio Lower Upper
84 100
49 129.8 106.9 160.3
51 40.6 33.2 49.8
86 67.5 51.0 76.6

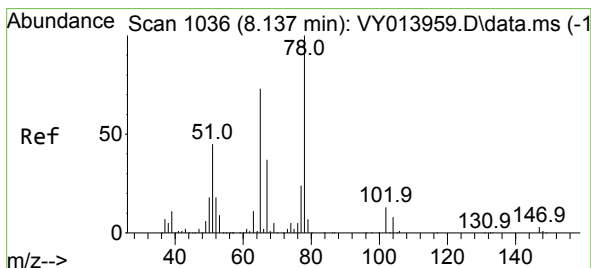
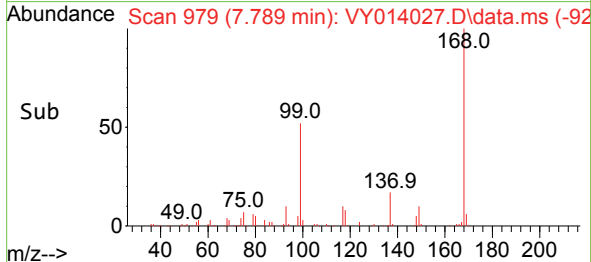
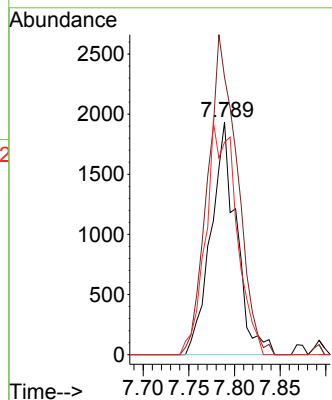
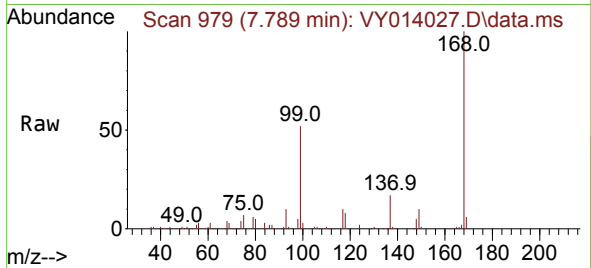




#31
Cyclohexane
Concen: 1.486 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014027.D
Acq: 06 Jun 2023 13:52

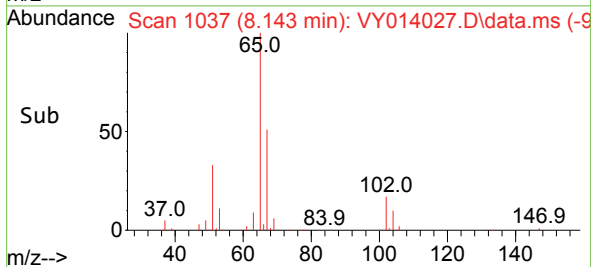
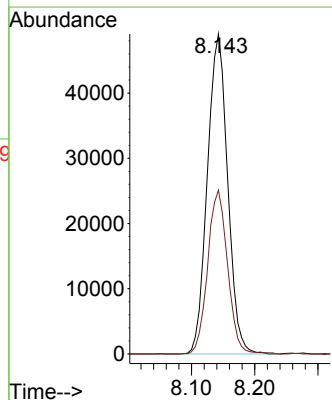
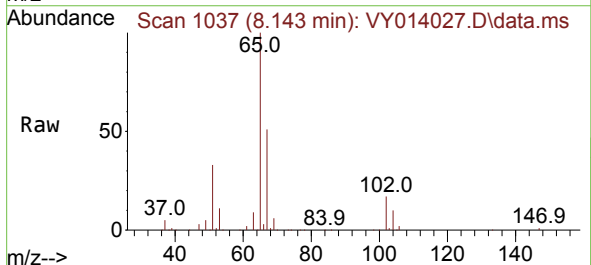
Instrument :
MSVOA_Y
ClientSampleId :
278

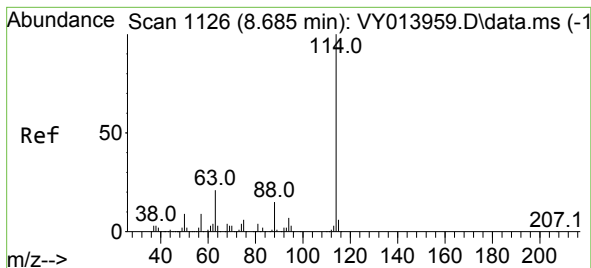
Tgt Ion: 56 Resp: 3744
Ion Ratio Lower Upper
56 100
69 119.3 27.8 41.6#
84 91.4 66.4 99.6



#33
1,2-Dichloroethane-d4
Concen: 52.312 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY014027.D
Acq: 06 Jun 2023 13:52

Tgt Ion: 65 Resp: 109441
Ion Ratio Lower Upper
65 100
67 50.2 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY014027.D

Acq: 06 Jun 2023 13:52

Instrument :

MSVOA_Y

ClientSampleId :

278

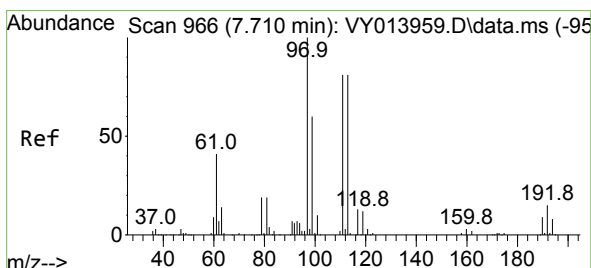
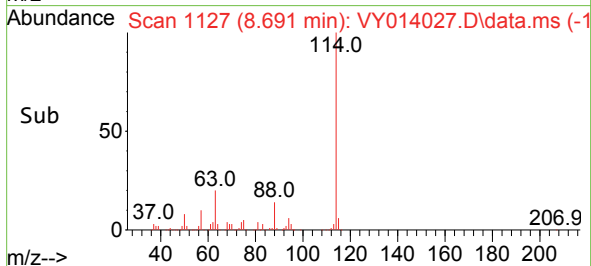
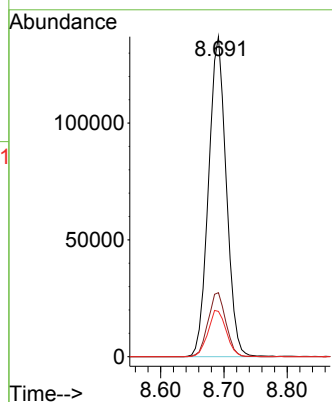
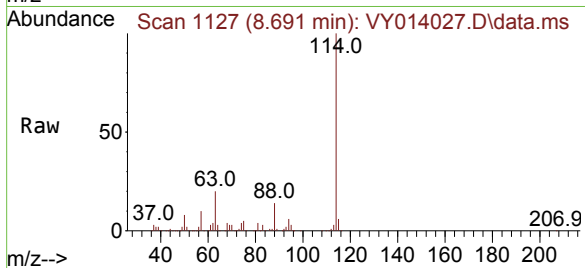
Tgt Ion:114 Resp: 266764

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.4

88 14.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.162 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY014027.D

Acq: 06 Jun 2023 13:52

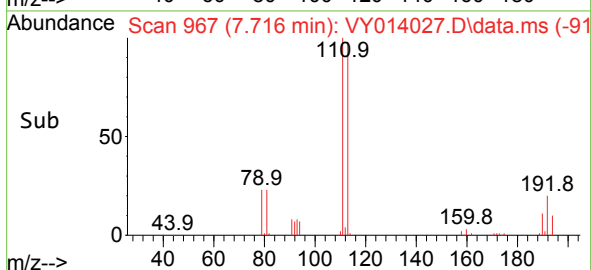
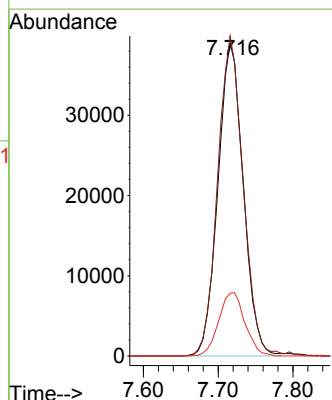
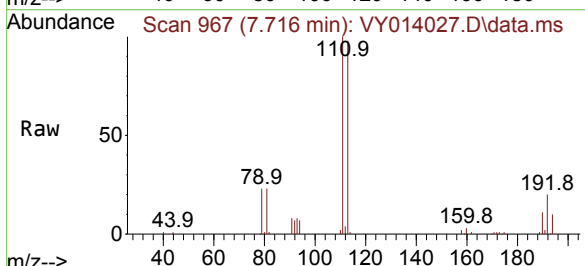
Tgt Ion:113 Resp: 91821

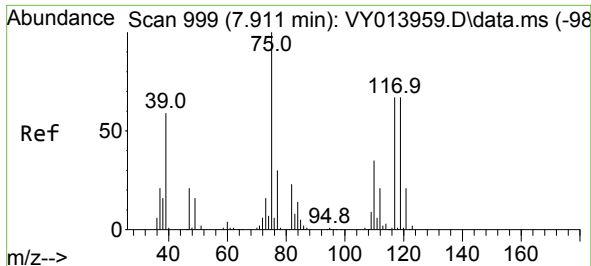
Ion Ratio Lower Upper

113 100

111 102.6 81.3 121.9

192 21.0 16.9 25.3

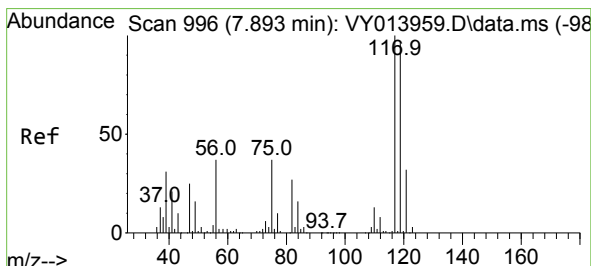
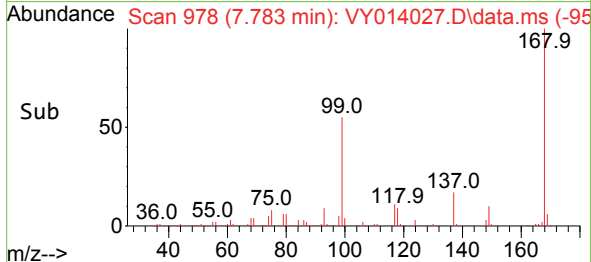
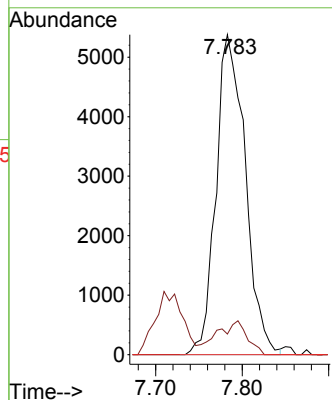
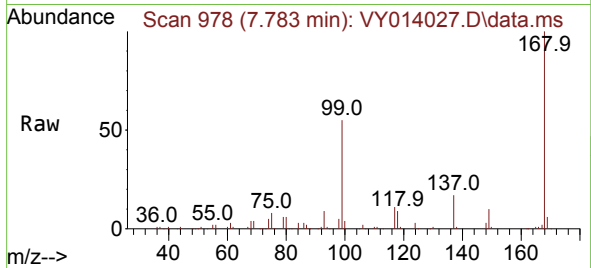




#36
1,1-Dichloropropene
Concen: 5.228 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY014027.D
Acq: 06 Jun 2023 13:52

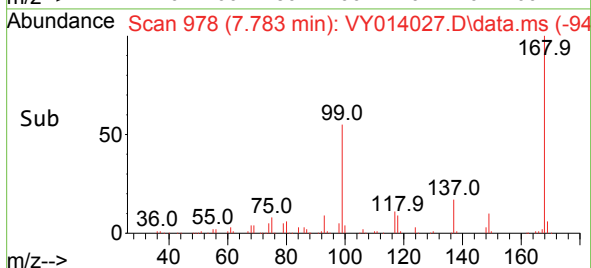
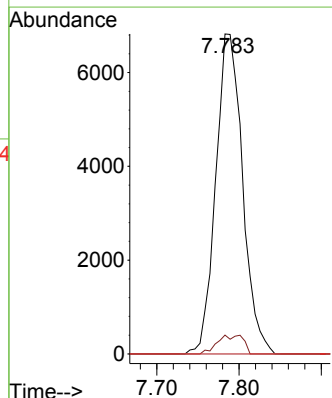
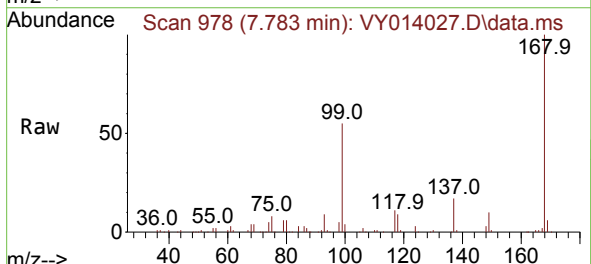
Instrument :
MSVOA_Y
ClientSampleId :
278

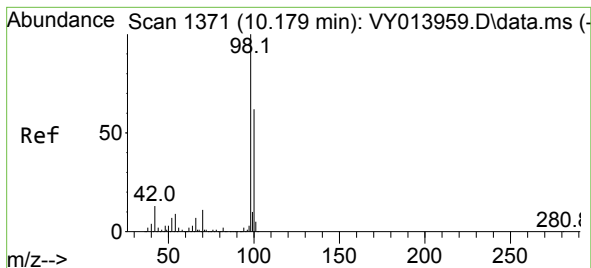
Tgt Ion: 75 Resp: 12628
Ion Ratio Lower Upper
75 100
110 10.7 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.711 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY014027.D
Acq: 06 Jun 2023 13:52

Tgt Ion: 117 Resp: 15456
Ion Ratio Lower Upper
117 100
119 5.9 76.4 114.6#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 51.146 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY014027.D

Acq: 06 Jun 2023 13:52

Instrument :

MSVOA_Y

ClientSampleId :

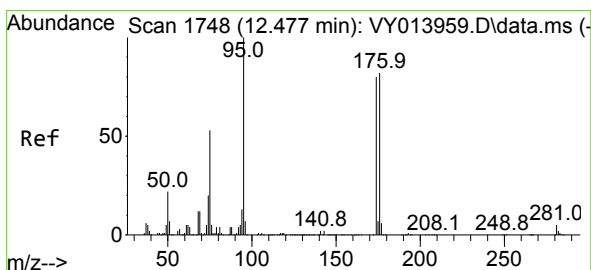
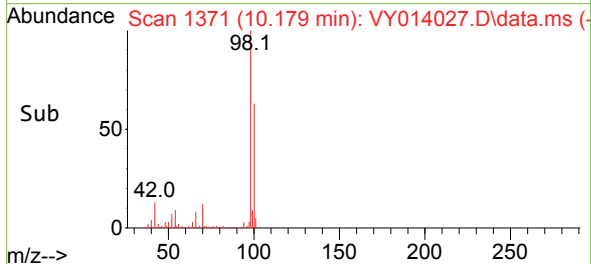
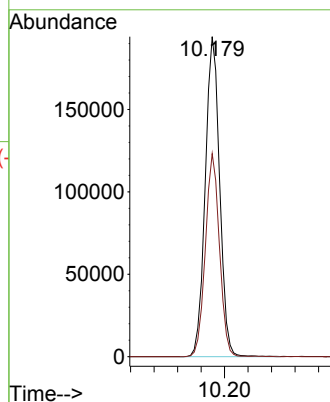
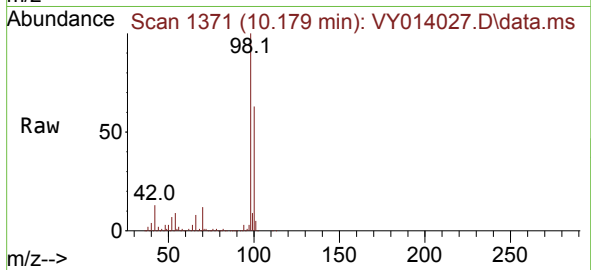
278

Tgt Ion: 98 Resp: 330743

Ion Ratio Lower Upper

98 100

100 61.9 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 42.369 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY014027.D

Acq: 06 Jun 2023 13:52

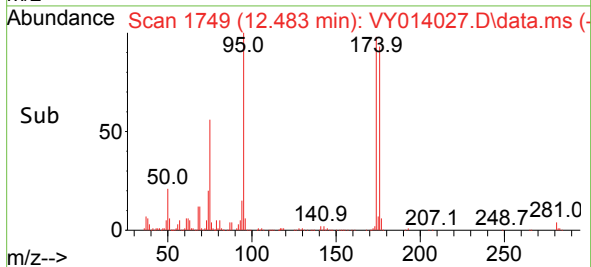
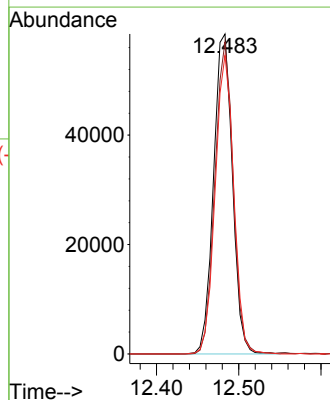
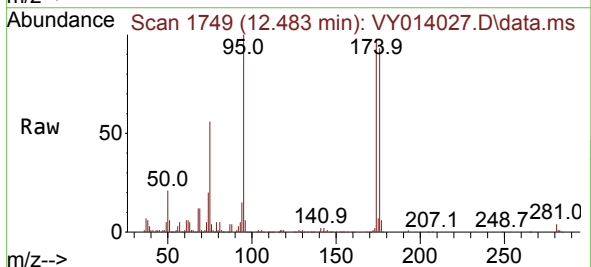
Tgt Ion: 95 Resp: 93407

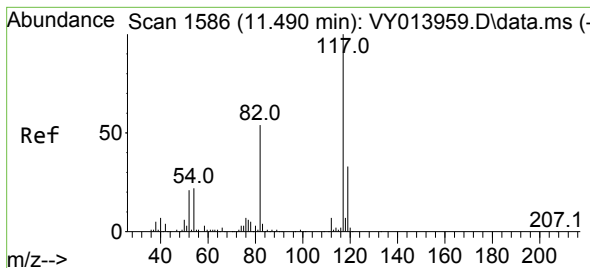
Ion Ratio Lower Upper

95 100

174 94.6 0.0 178.2

176 91.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014027.D

Acq: 06 Jun 2023 13:52

Instrument :

MSVOA_Y

ClientSampleId :

278

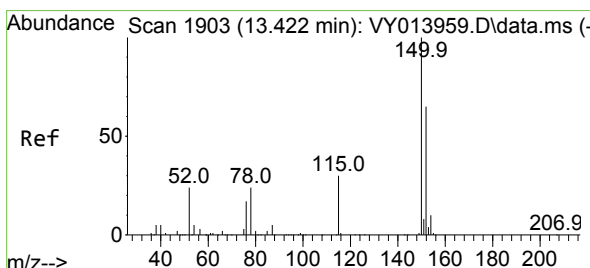
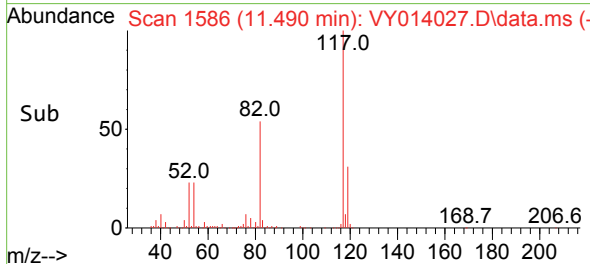
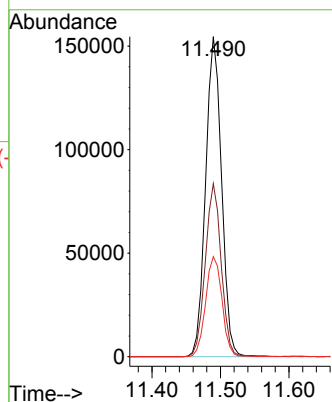
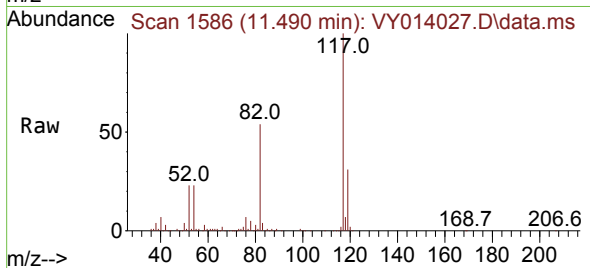
Tgt Ion:117 Resp: 250310

Ion Ratio Lower Upper

117 100

82 54.0 43.4 65.0

119 31.3 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY014027.D

Acq: 06 Jun 2023 13:52

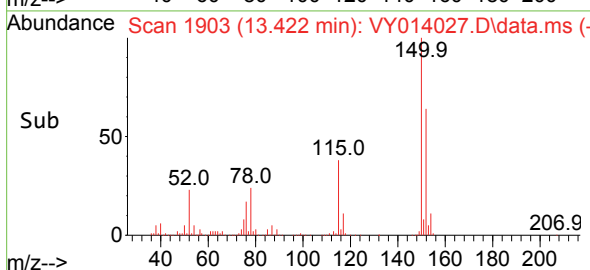
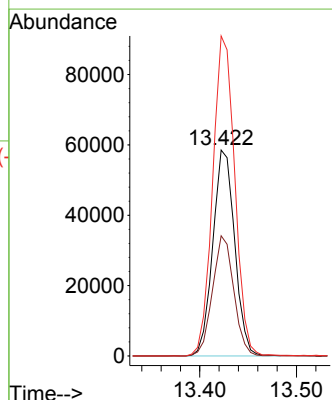
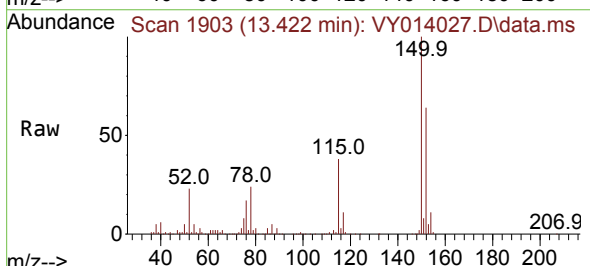
Tgt Ion:152 Resp: 91908

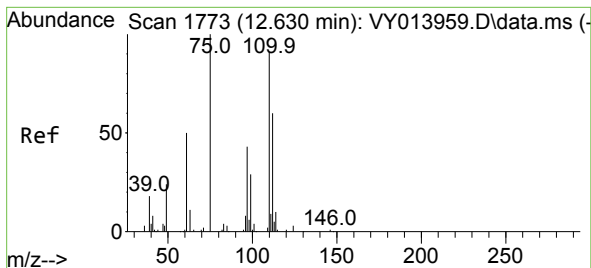
Ion Ratio Lower Upper

152 100

115 56.9 28.8 86.5

150 157.1 0.0 348.8

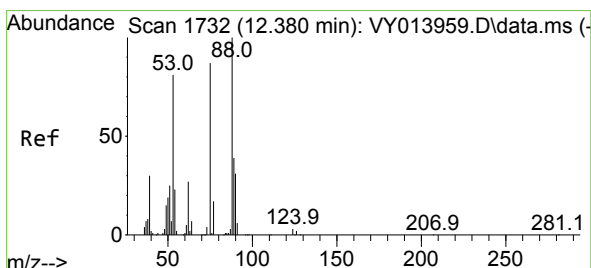
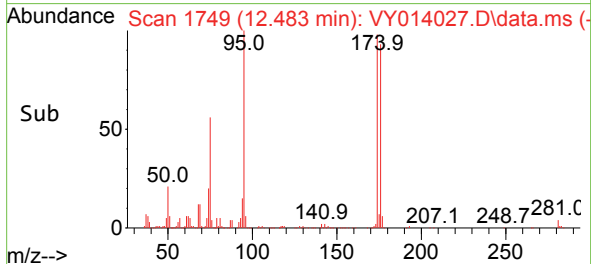
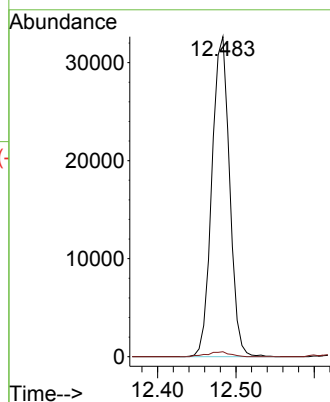
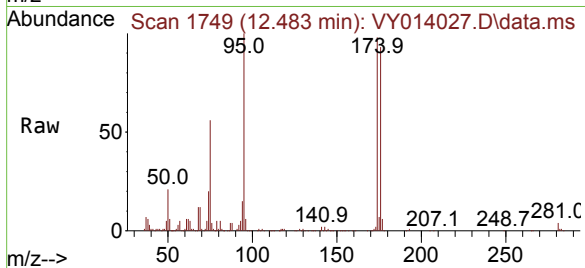




#76
1,2,3-Trichloropropane
Concen: 41.442 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY014027.D
Acq: 06 Jun 2023 13:52

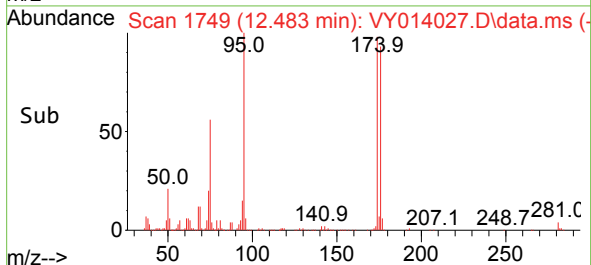
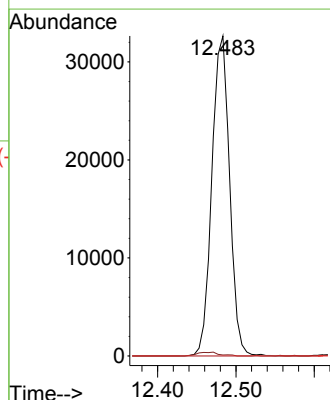
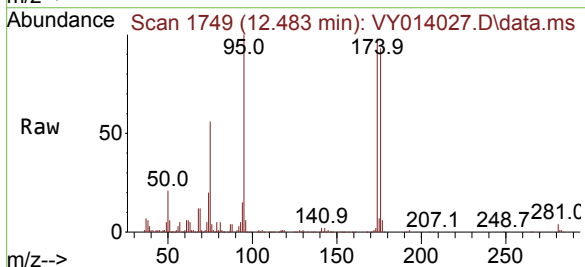
Instrument :
MSVOA_Y
ClientSampleId :
278

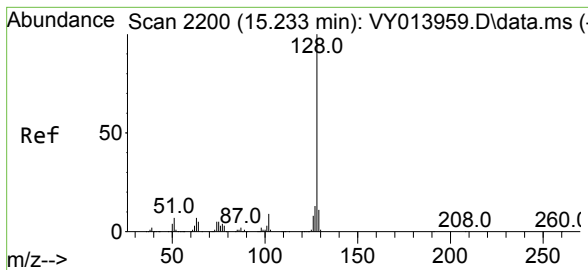
Tgt Ion: 75 Resp: 51256
Ion Ratio Lower Upper
75 100
77 2.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.920 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY014027.D
Acq: 06 Jun 2023 13:52

Tgt Ion: 75 Resp: 51256
Ion Ratio Lower Upper
75 100
53 1.5 77.8 116.8#
89 0.0 37.4 56.0#





#95
Naphthalene
Concen: 4.461 ug/l
RT: 15.227 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY014027.D
Acq: 06 Jun 2023 13:52

Instrument :
MSVOA_Y
ClientSampleId :
278

Tgt Ion:	128	Resp:	2700
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.8	16.2
129	9.0	8.6	13.0

