

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060623\
 Data File : VY014037.D
 Acq On : 06 Jun 2023 17:46
 Operator : KP/MD
 Sample : 03039-01RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB30ARE

Quant Time: Jun 07 01:41:03 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)

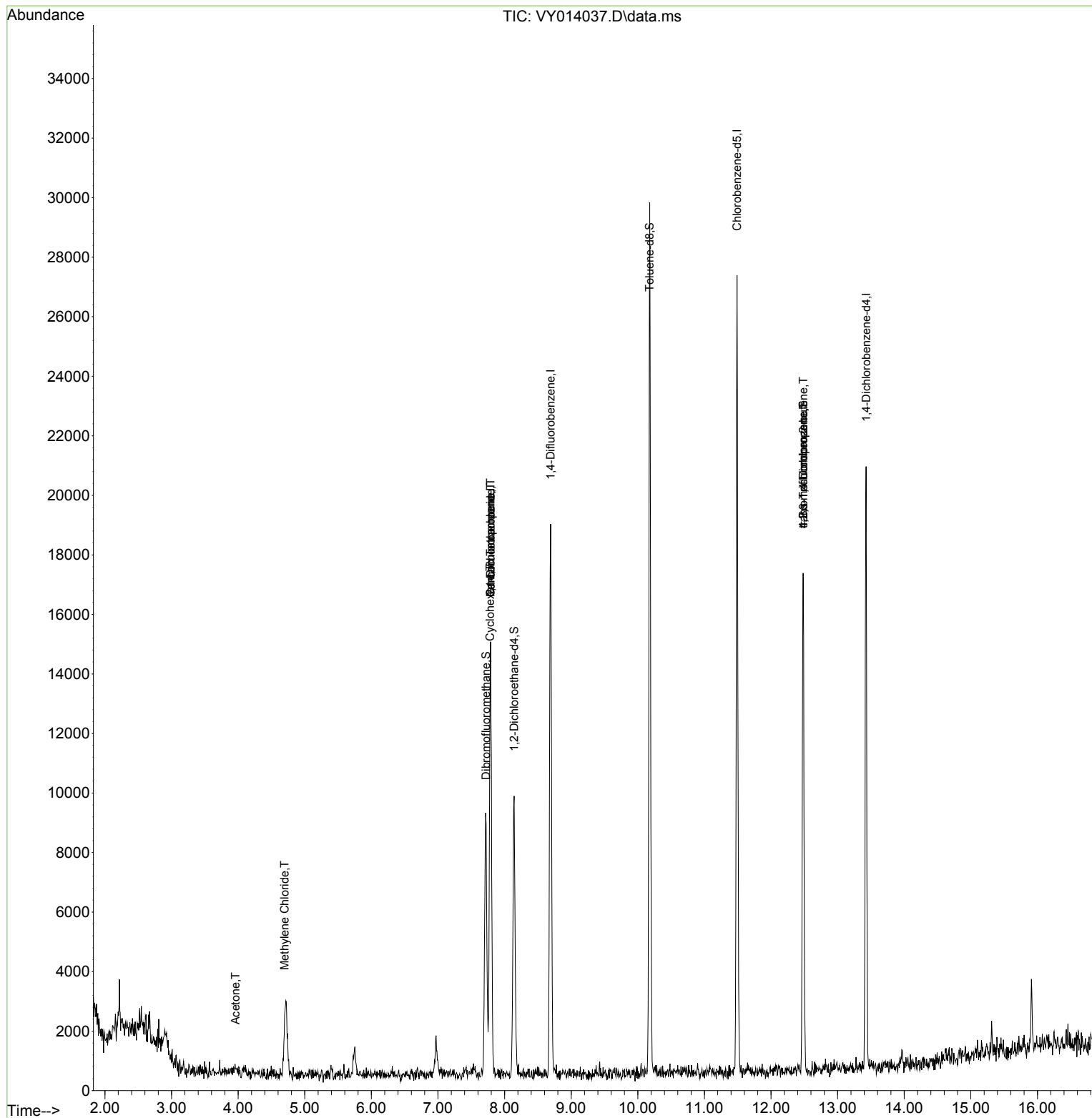
Internal Standards						
1) Pentafluorobenzene	7.789	168	10835	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	15860	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	14621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	5524	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	7381	51.461	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.920%	
35) Dibromofluoromethane	7.722	113	6331	62.812	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 125.620%	
50) Toluene-d8	10.179	98	18941	49.266	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.540%	
62) 4-Bromofluorobenzene	12.483	95	5405	41.237	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 82.480%	
Target Compounds						Qvalue
16) Acetone	3.960	43	269	5.482	ug/l #	46
20) Methylene Chloride	4.698	84	1998	12.019	ug/l #	66
31) Cyclohexane	7.783	56	305	1.766	ug/l #	32
36) 1,1-Dichloropropene	7.789	75	940	6.546	ug/l #	43
38) Carbon Tetrachloride	7.789	117	1032	6.413	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	2802	37.694	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	2802	79.967	ug/l #	10

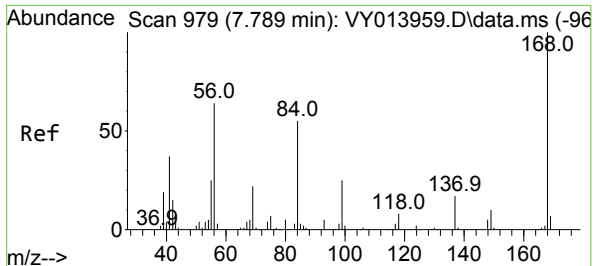
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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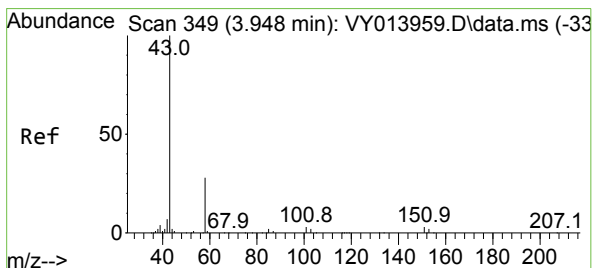
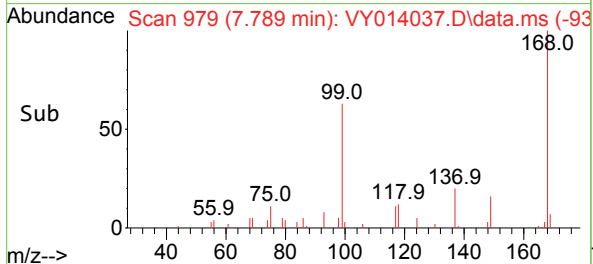
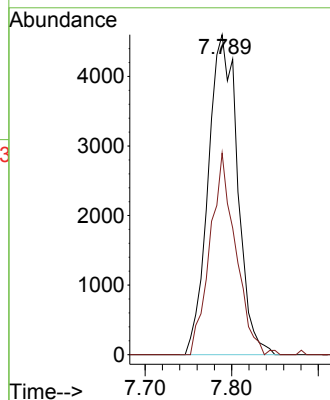
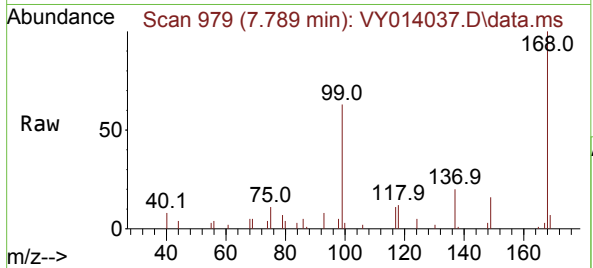




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014037.D
Acq: 06 Jun 2023 17:46

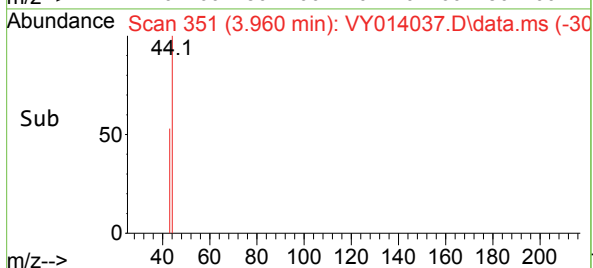
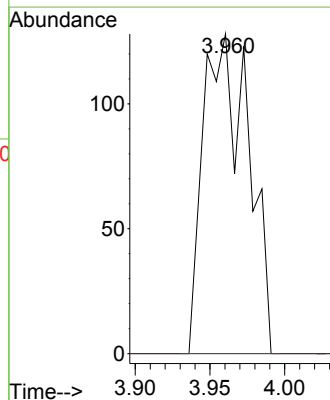
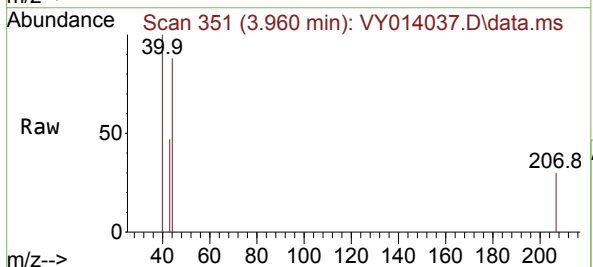
Instrument :
MSVOA_Y
ClientSampleId :
SB30ARE

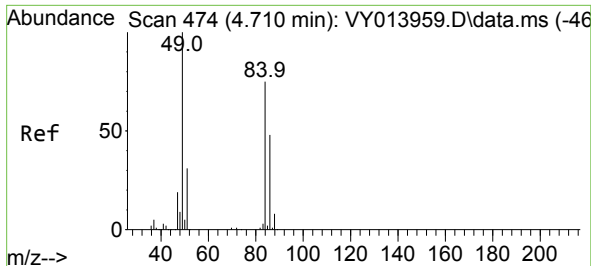
Tgt Ion:168 Resp: 10835
Ion Ratio Lower Upper
168 100
99 63.0 43.4 65.0



#16
Acetone
Concen: 5.482 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY014037.D
Acq: 06 Jun 2023 17:46

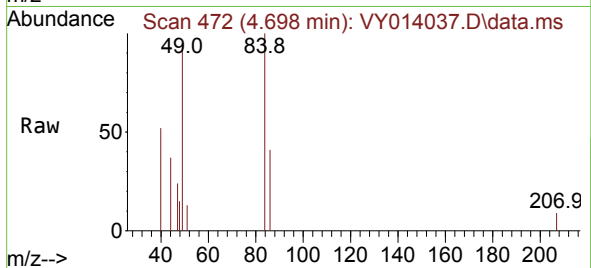
Tgt Ion: 43 Resp: 269
Ion Ratio Lower Upper
43 100
58 0.0 22.7 34.1#



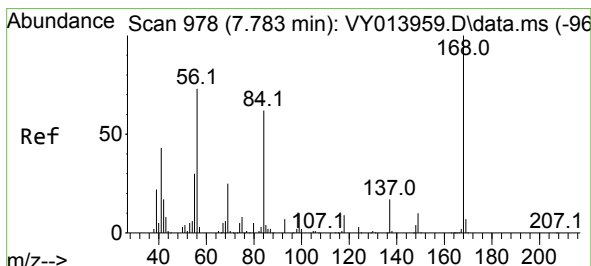
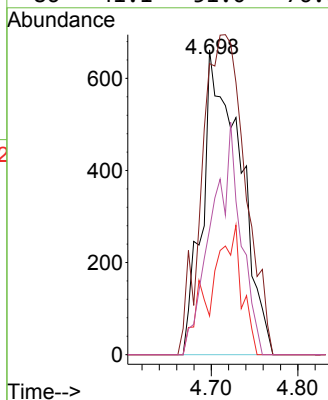
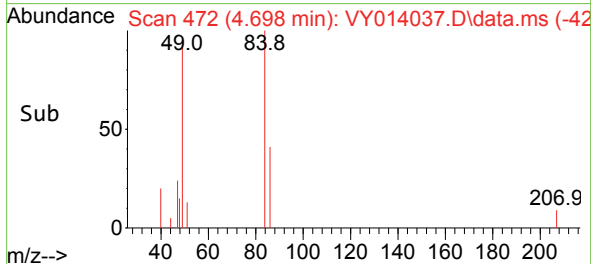


#20
Methylene Chloride
Concen: 12.019 ug/l
RT: 4.698 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY014037.D
Acq: 06 Jun 2023 17:46

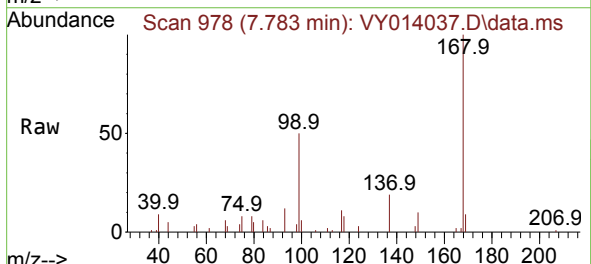
Instrument :
MSVOA_Y
ClientSampleId :
SB30ARE



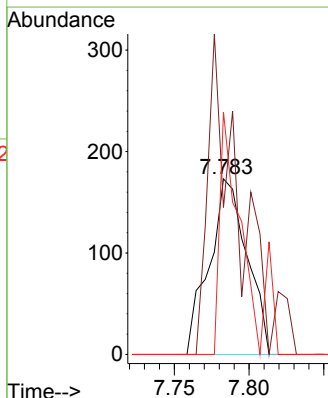
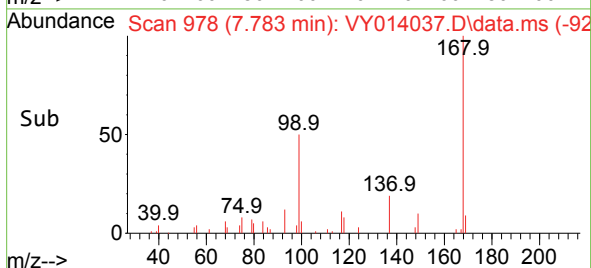
Tgt Ion:	84	Resp:	1998
Ion	Ratio	Lower	Upper
84	100		
49	95.5	106.9	160.3#
51	12.7	33.2	49.8#
86	41.1	51.0	76.6#

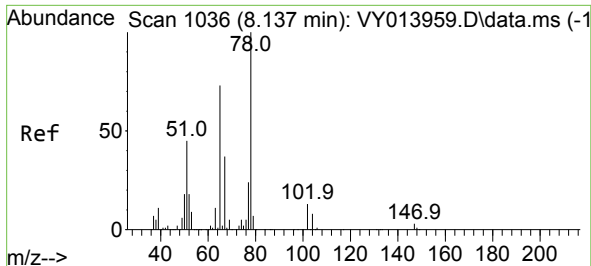


#31
Cyclohexane
Concen: 1.766 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY014037.D
Acq: 06 Jun 2023 17:46



Tgt Ion:	56	Resp:	305
Ion	Ratio	Lower	Upper
56	100		
69	83.8	27.8	41.6#
84	138.2	66.4	99.6#

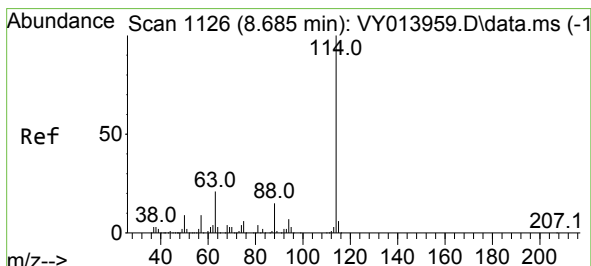
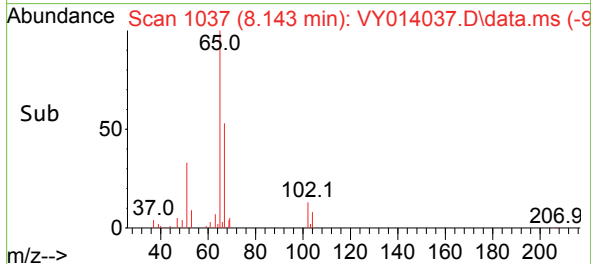
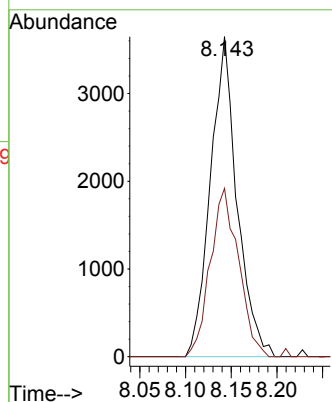
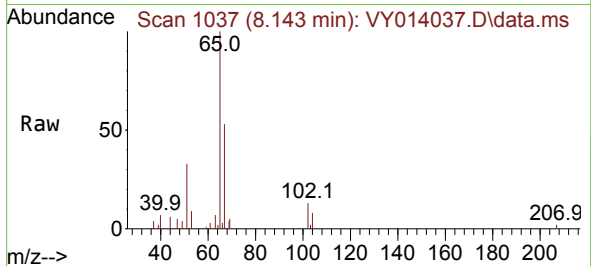




#33
 1,2-Dichloroethane-d4
 Concen: 51.461 ug/l
 RT: 8.143 min Scan# 1036
 Delta R.T. 0.006 min
 Lab File: VY014037.D
 Acq: 06 Jun 2023 17:46

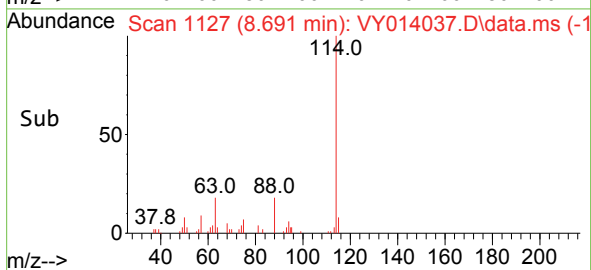
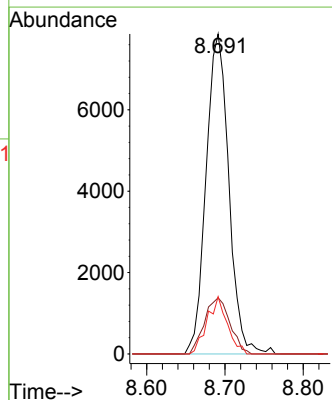
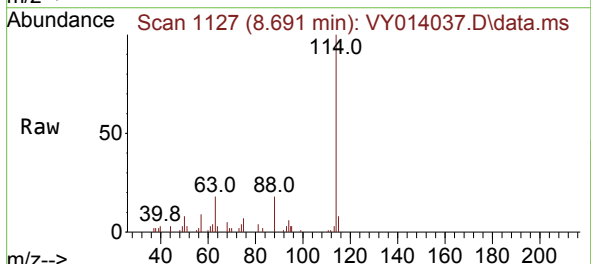
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB30ARE

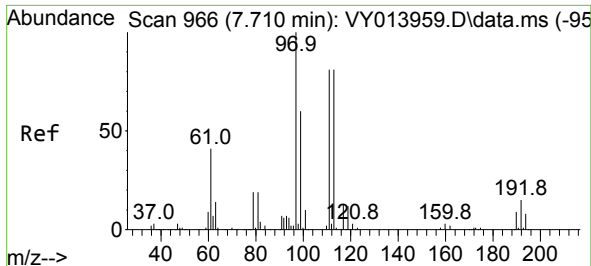
Tgt Ion: 65 Resp: 7381
 Ion Ratio Lower Upper
 65 100
 67 55.9 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VY014037.D
 Acq: 06 Jun 2023 17:46

Tgt Ion: 114 Resp: 15860
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 42.4
 88 17.9 0.0 30.6

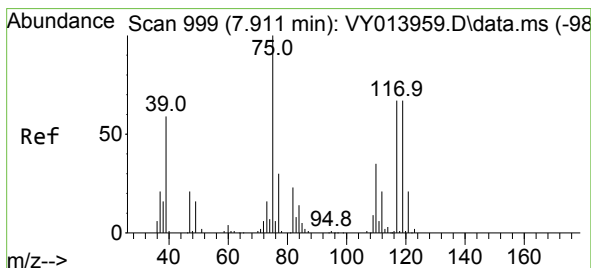
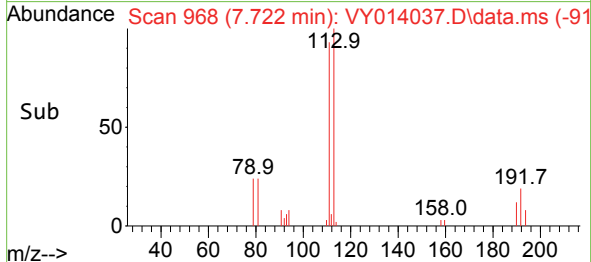
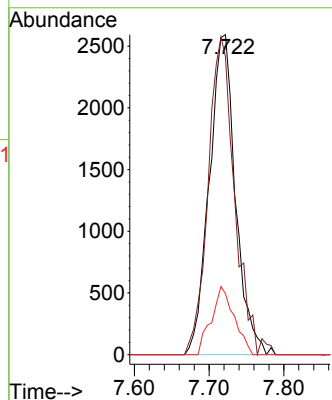
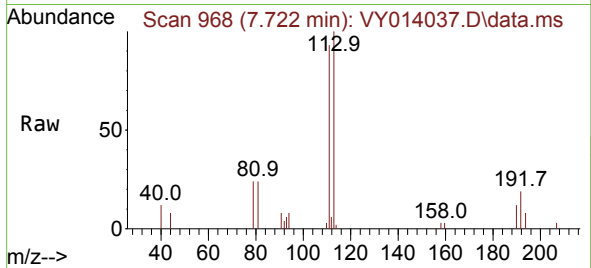




#35
Dibromofluoromethane
Concen: 62.812 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014037.D
Acq: 06 Jun 2023 17:46

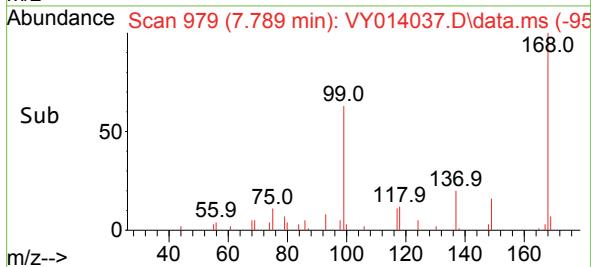
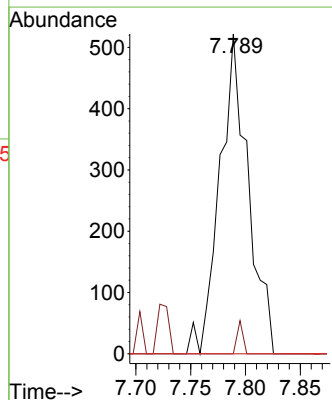
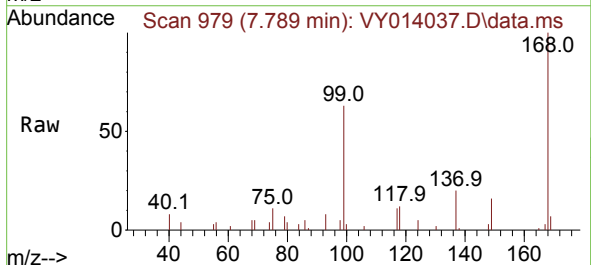
Instrument :
MSVOA_Y
ClientSampleId :
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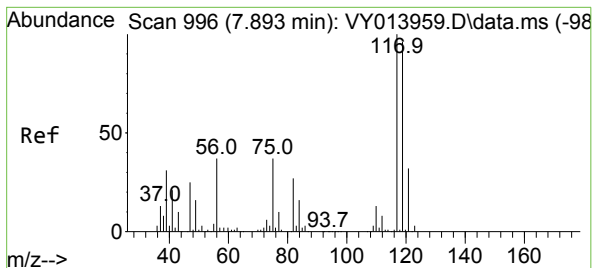
Tgt Ion:113 Resp: 6331
Ion Ratio Lower Upper
113 100
111 100.3 81.3 121.9
192 18.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 6.546 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY014037.D
Acq: 06 Jun 2023 17:46

Tgt Ion: 75 Resp: 940
Ion Ratio Lower Upper
75 100
110 2.1 17.8 53.5#
77 0.0 24.4 36.6#





#38

Carbon Tetrachloride

Concen: 6.413 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.104 min

Lab File: VY014037.D

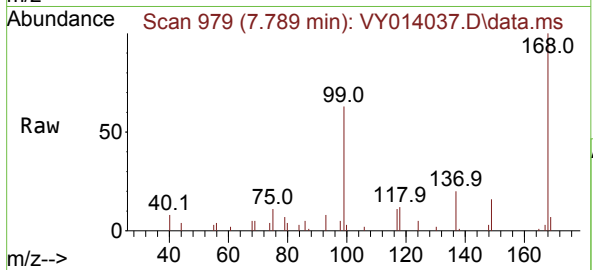
Acq: 06 Jun 2023 17:46

Instrument :

MSVOA_Y

ClientSampleId :

SB30ARE



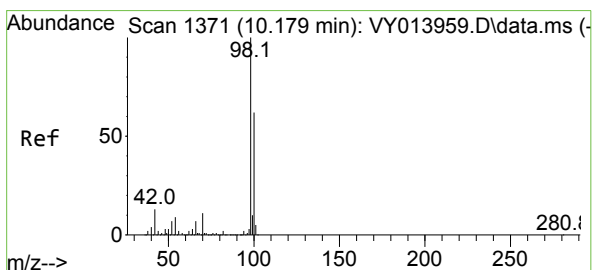
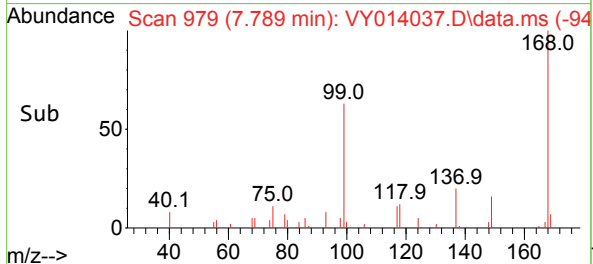
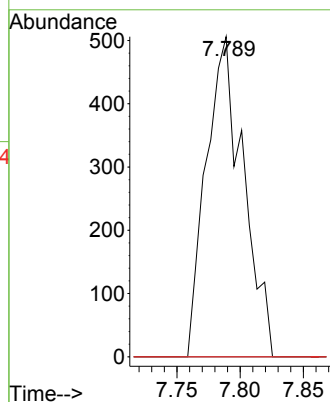
Tgt Ion:117 Resp: 1032

Ion Ratio Lower Upper

117 100

119 0.0 76.4 114.6#

121 0.0 25.8 38.6#



#50

Toluene-d8

Concen: 49.266 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY014037.D

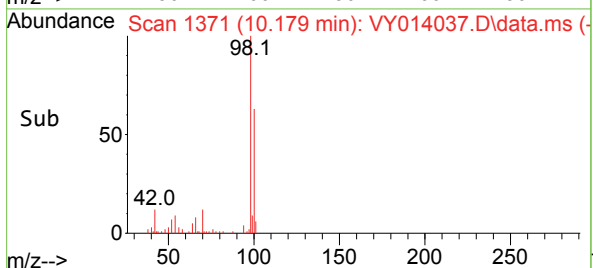
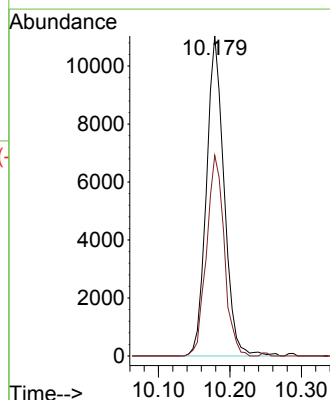
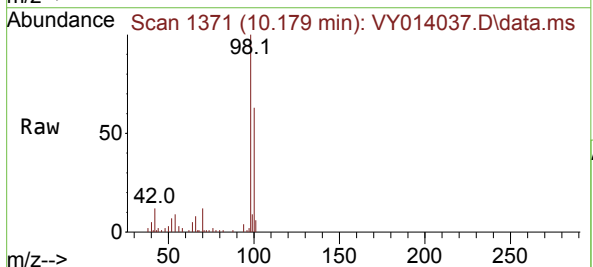
Acq: 06 Jun 2023 17:46

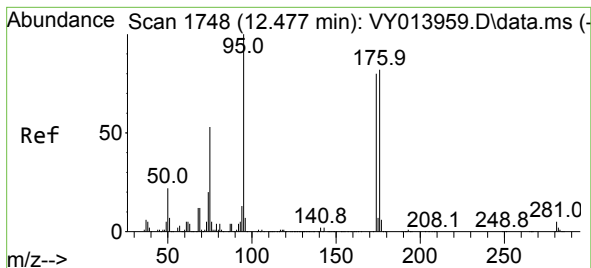
Tgt Ion: 98 Resp: 18941

Ion Ratio Lower Upper

98 100

100 62.8 50.1 75.1

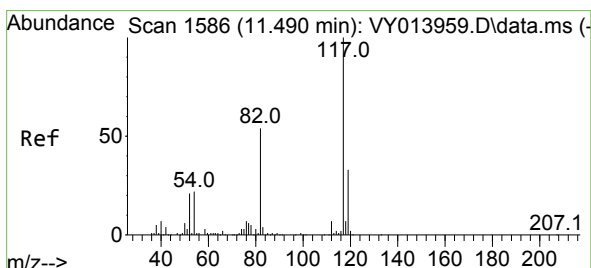
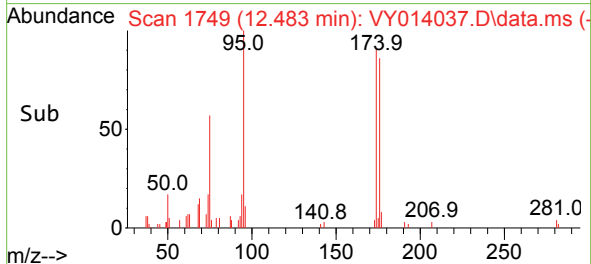
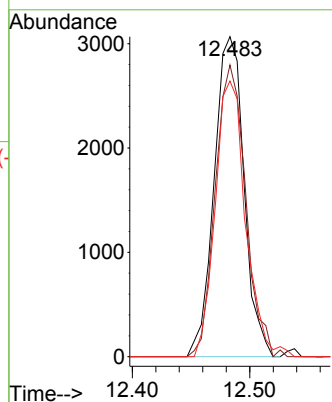
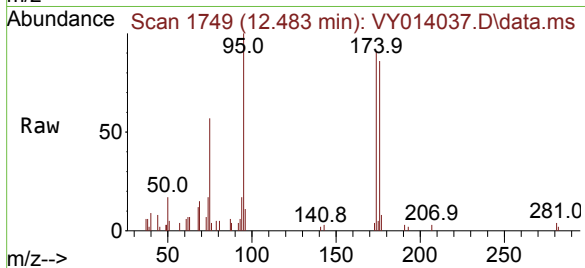




#62
4-Bromofluorobenzene
Concen: 41.237 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014037.D
Acq: 06 Jun 2023 17:46

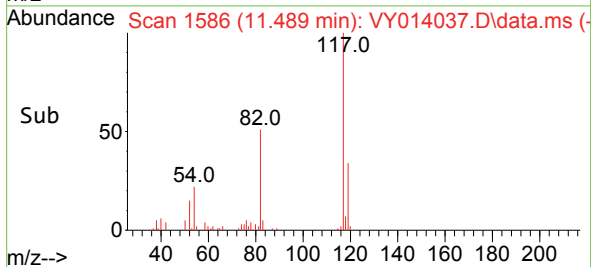
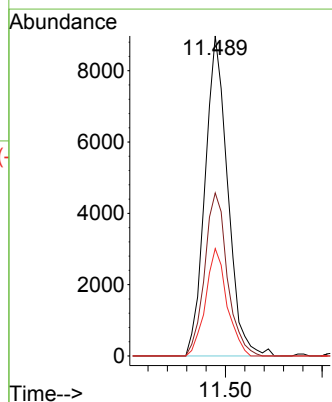
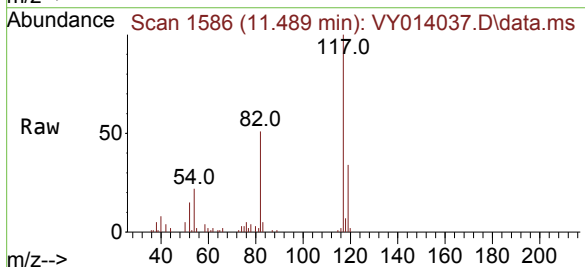
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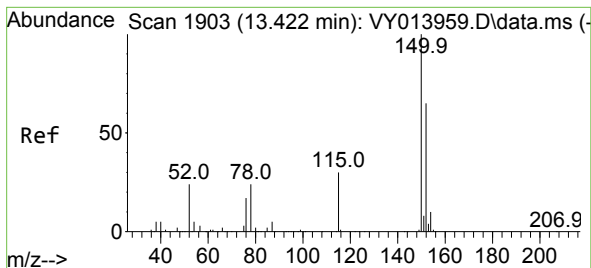
Tgt Ion:	95	Resp:	5405
Ion	Ratio	Lower	Upper
95	100		
174	92.7	0.0	178.2
176	87.8	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY014037.D
Acq: 06 Jun 2023 17:46

Tgt Ion:	117	Resp:	14621
Ion	Ratio	Lower	Upper
117	100		
82	51.0	43.4	65.0
119	33.6	26.3	39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VY014037.D

Acq: 06 Jun 2023 17:46

Instrument :

MSVOA_Y

ClientSampleId :

SB30ARE

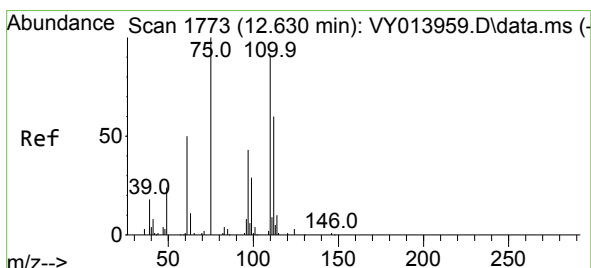
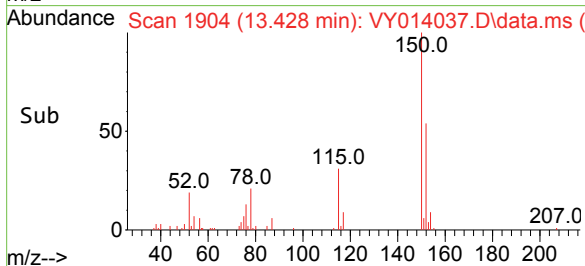
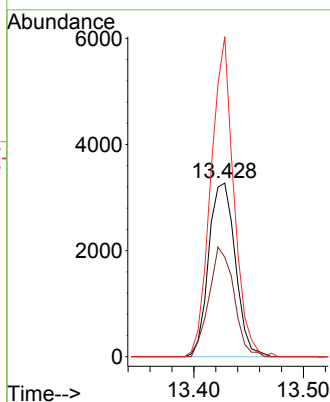
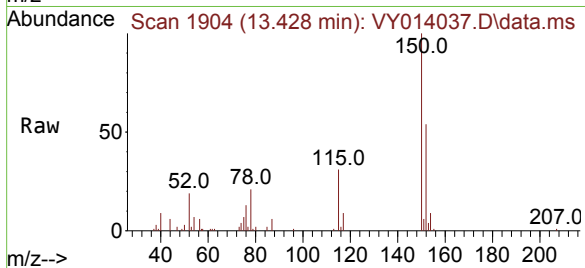
Tgt Ion:152 Resp: 5524

Ion Ratio Lower Upper

152 100

115 59.1 28.8 86.5

150 158.6 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 37.694 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY014037.D

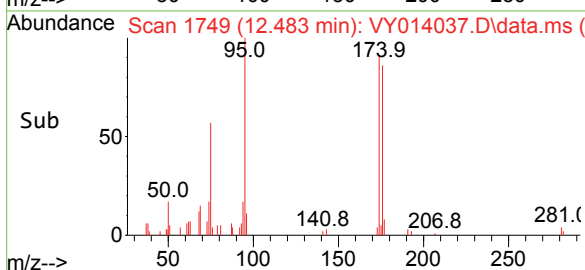
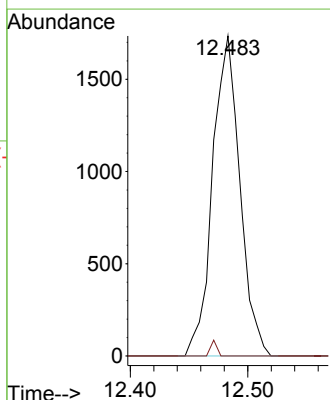
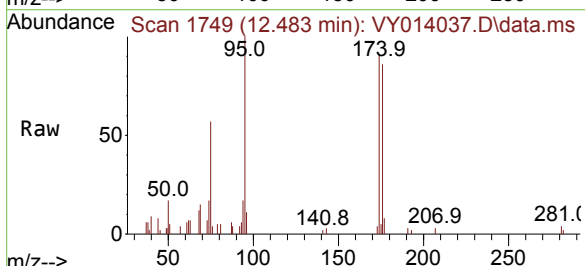
Acq: 06 Jun 2023 17:46

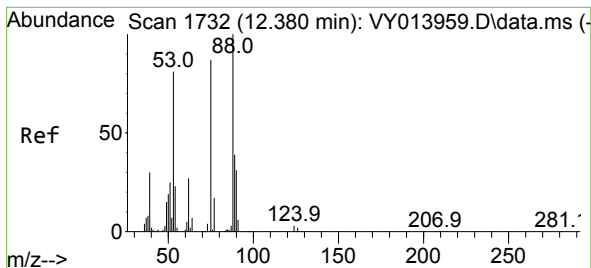
Tgt Ion: 75 Resp: 2802

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.967 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY014037.D
 Acq: 06 Jun 2023 17:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB30ARE

Tgt Ion: 75 Resp: 2802
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

