

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040323\
 Data File : VY013176.D
 Acq On : 03 Apr 2023 15:21
 Operator : KP/MD
 Sample : 02165-01
 Misc : 5.54g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1B

Quant Time: Apr 03 23:09:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 03 13:40:57 2023
 Response via : Initial Calibration

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

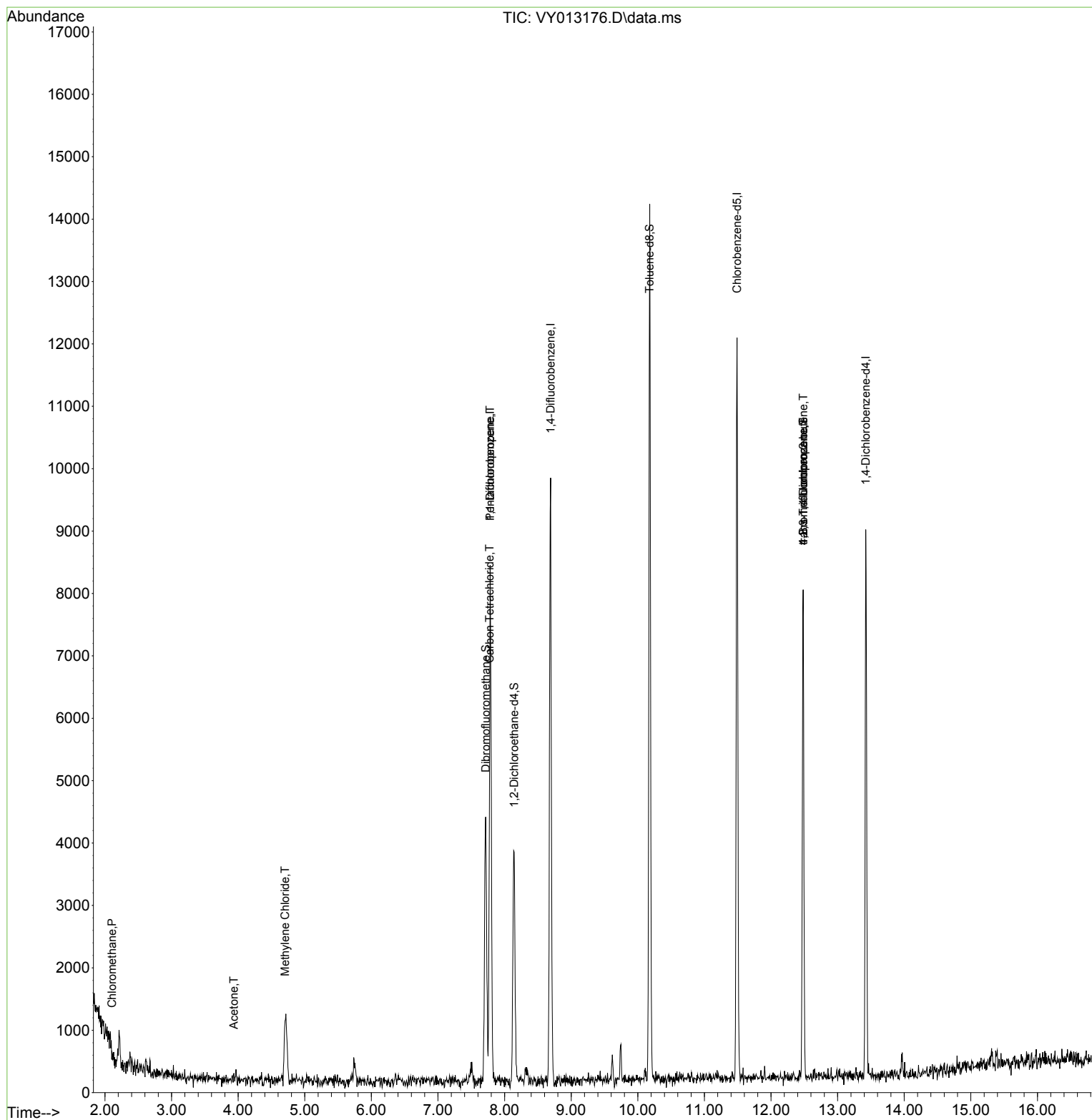
Internal Standards						
1) Pentafluorobenzene	7.783	168	6360	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	8576	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	7288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	2504	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	3317	48.530	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.060%
35) Dibromofluoromethane	7.716	113	3050	54.441	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.880%
50) Toluene-d8	10.179	98	9766	46.175	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.360%
62) 4-Bromofluorobenzene	12.483	95	2456	35.675	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	71.360%
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	70	1.077	ug/l	# 42
16) Acetone	3.936	43	119	5.694	ug/l	# 44
20) Methylene Chloride	4.704	84	908	8.082	ug/l	# 73
36) 1,1-Dichloropropene	7.783	75	433	5.134	ug/l	# 41
38) Carbon Tetrachloride	7.777	117	578	6.211	ug/l	# 12
76) 1,2,3-Trichloropropane	12.483	75	1324	47.068	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	1324	104.967	ug/l	# 13

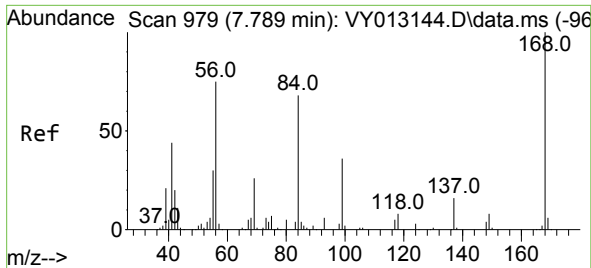
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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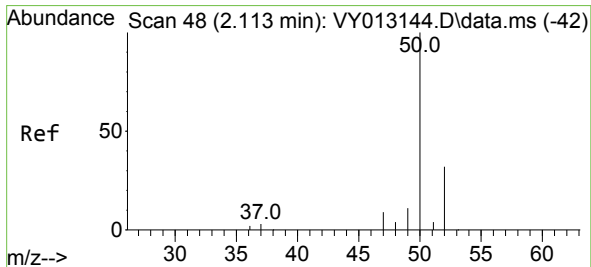
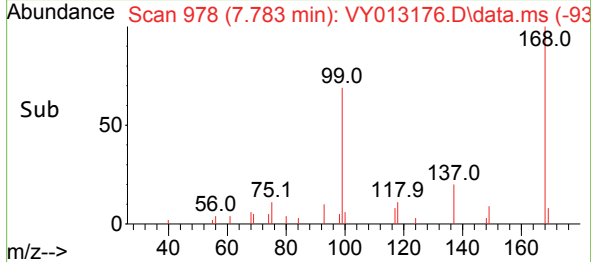
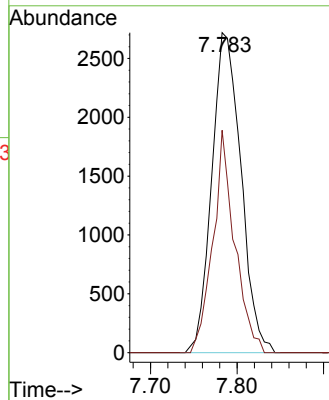
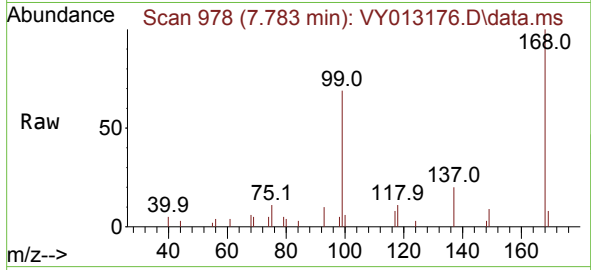




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013176.D
Acq: 03 Apr 2023 15:21

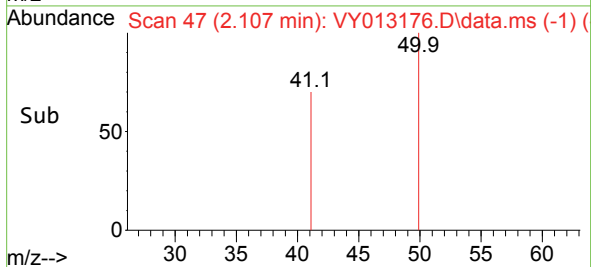
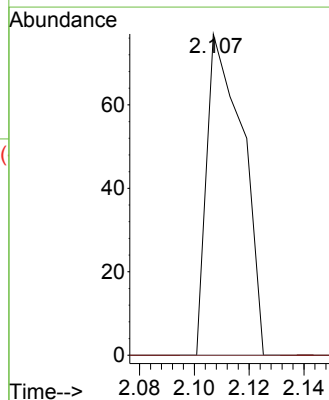
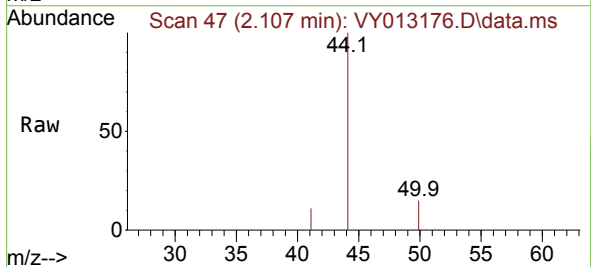
Instrument :
MSVOA_Y
ClientSampleId :
SB-1B

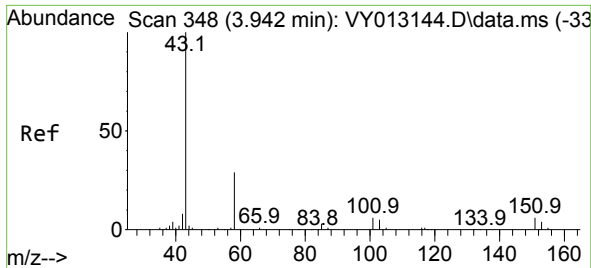
Tgt Ion:168 Resp: 6360
Ion Ratio Lower Upper
168 100
99 69.5 41.7 62.5#



#3
Chloromethane
Concen: 1.077 ug/l
RT: 2.107 min Scan# 47
Delta R.T. -0.006 min
Lab File: VY013176.D
Acq: 03 Apr 2023 15:21

Tgt Ion: 50 Resp: 70
Ion Ratio Lower Upper
50 100
52 0.0 26.0 39.0#

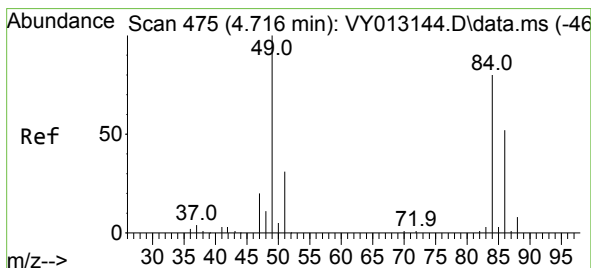
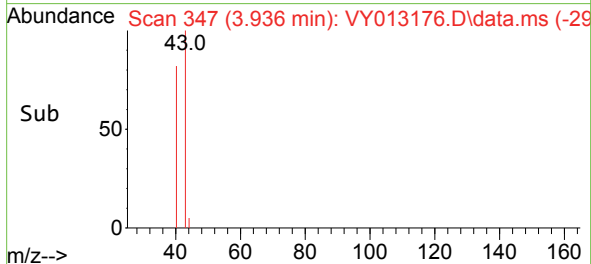
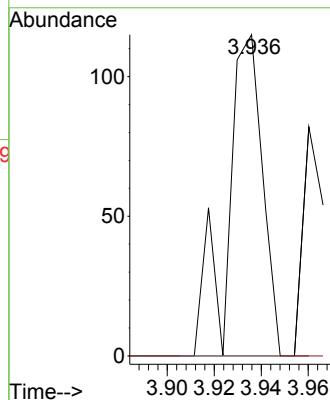
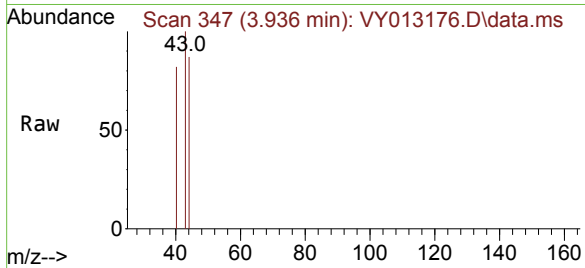




#16
Acetone
Concen: 5.694 ug/l
RT: 3.936 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY013176.D
Acq: 03 Apr 2023 15:21

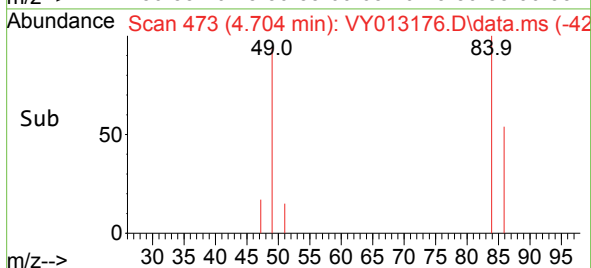
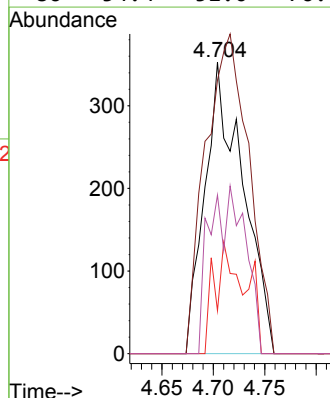
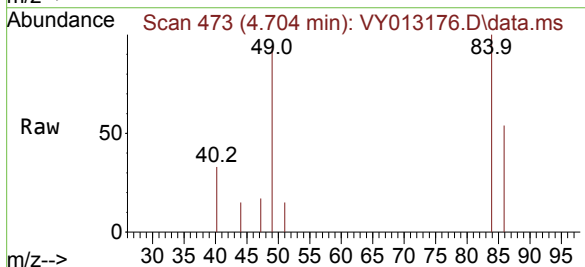
Instrument :
MSVOA_Y
ClientSampleId :
SB-1B

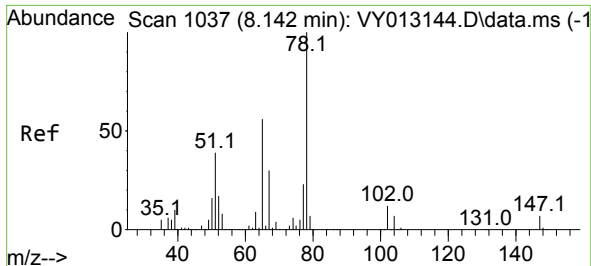
Tgt Ion: 43 Resp: 119
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.2#



#20
Methylene Chloride
Concen: 8.082 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY013176.D
Acq: 03 Apr 2023 15:21

Tgt Ion: 84 Resp: 908
Ion Ratio Lower Upper
84 100
49 93.8 102.6 154.0#
51 14.7 31.9 47.9#
86 54.4 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 48.530 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY013176.D

Acq: 03 Apr 2023 15:21

Instrument :

MSVOA_Y

ClientSampleId :

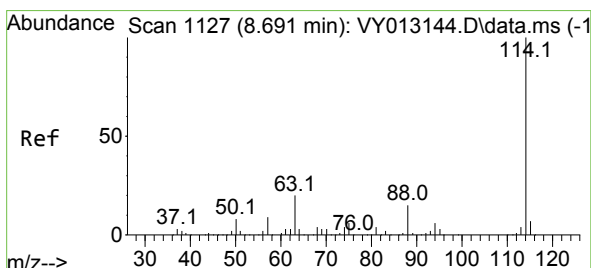
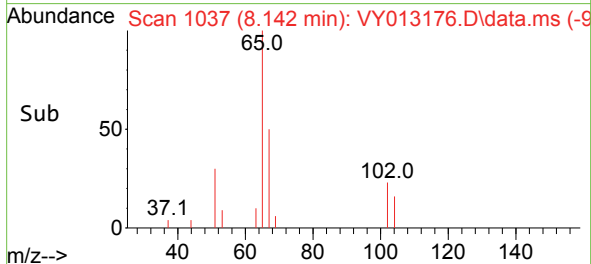
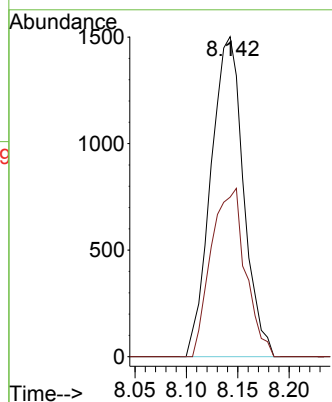
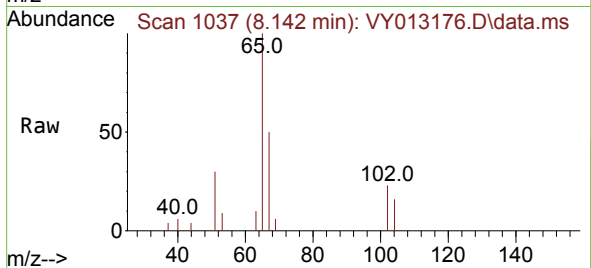
SB-1B

Tgt Ion: 65 Resp: 3317

Ion Ratio Lower Upper

65 100

67 55.4 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013176.D

Acq: 03 Apr 2023 15:21

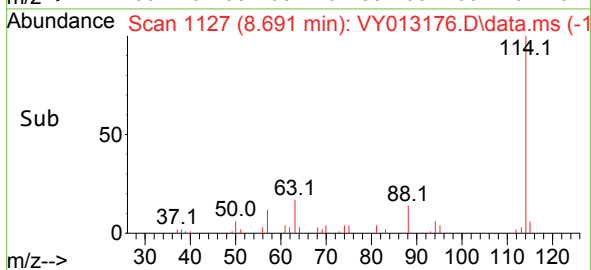
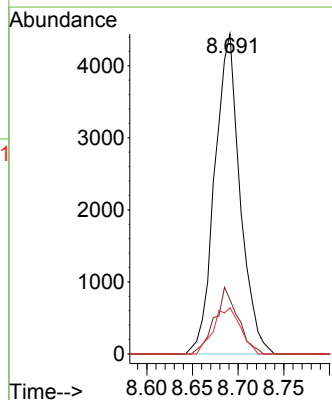
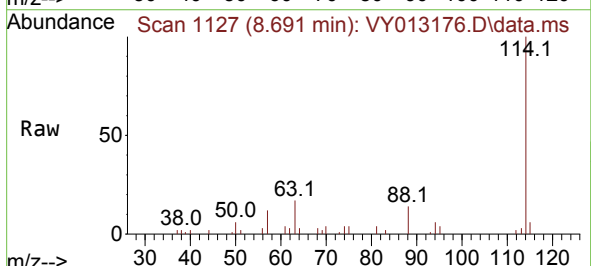
Tgt Ion: 114 Resp: 8576

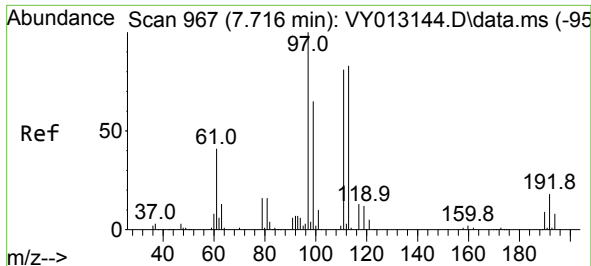
Ion Ratio Lower Upper

114 100

63 17.0 0.0 37.4

88 14.5 0.0 28.6

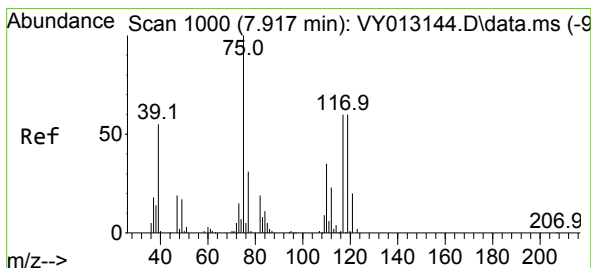
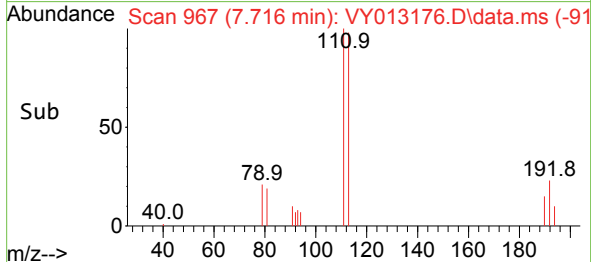
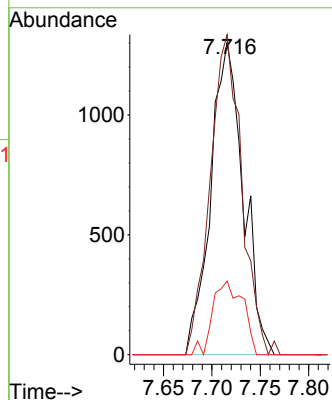
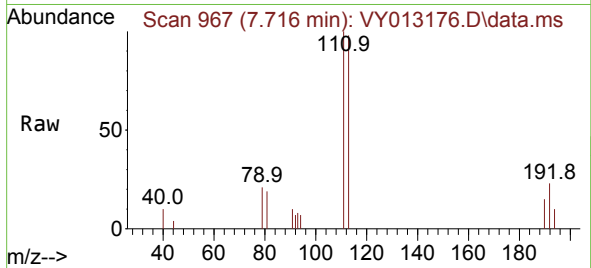




#35
Dibromofluoromethane
Concen: 54.441 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013176.D
Acq: 03 Apr 2023 15:21

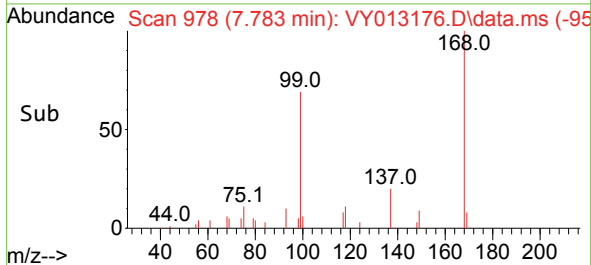
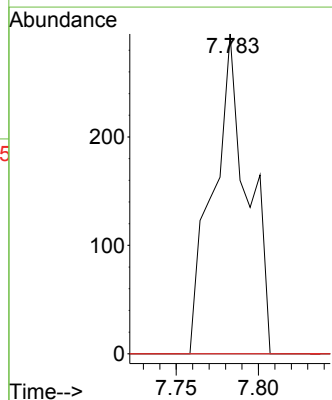
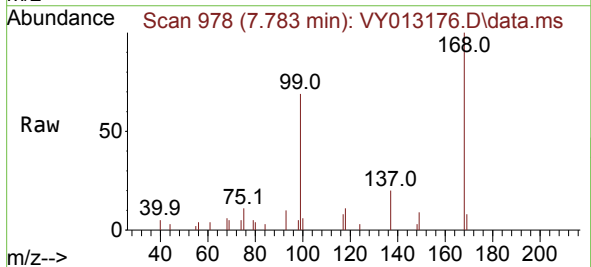
Instrument :
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ClientSampleId :
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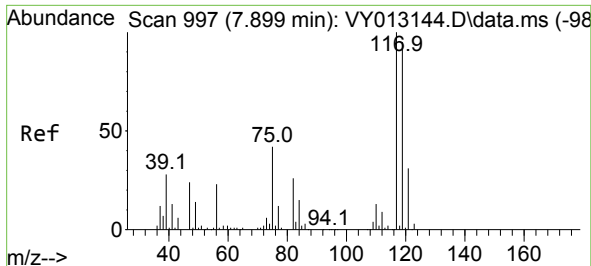
Tgt Ion:113 Resp: 3050
Ion Ratio Lower Upper
113 100
111 99.4 82.2 123.2
192 21.8 16.8 25.2



#36
1,1-Dichloropropene
Concen: 5.134 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY013176.D
Acq: 03 Apr 2023 15:21

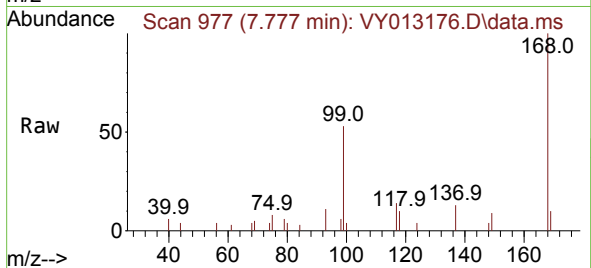
Tgt Ion: 75 Resp: 433
Ion Ratio Lower Upper
75 100
110 0.0 17.8 53.3#
77 0.0 25.0 37.4#



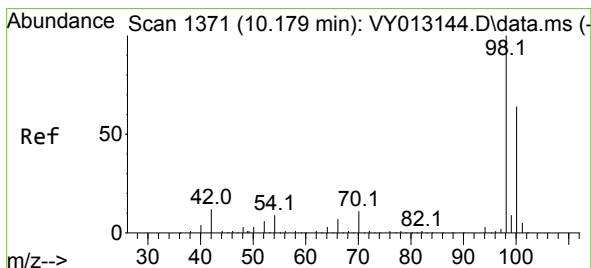
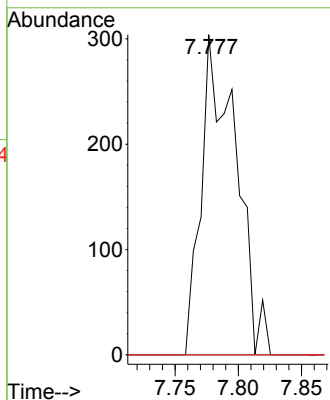
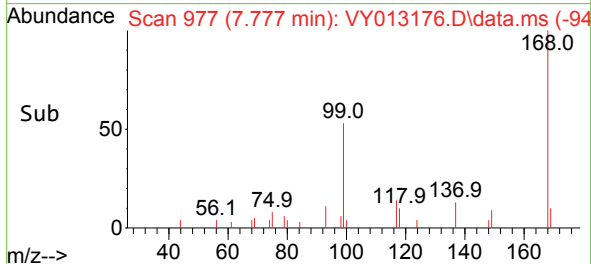


#38
Carbon Tetrachloride
Concen: 6.211 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY013176.D
Acq: 03 Apr 2023 15:21

Instrument :
MSVOA_Y
ClientSampleId :
SB-1B

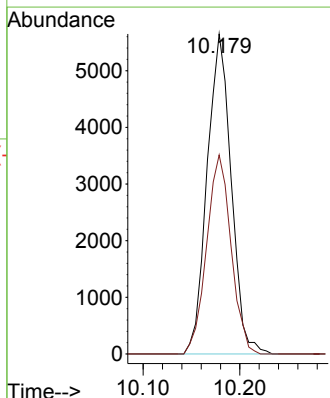
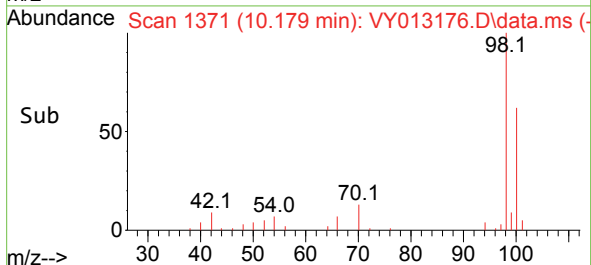
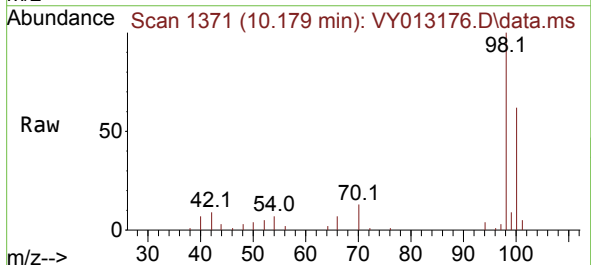


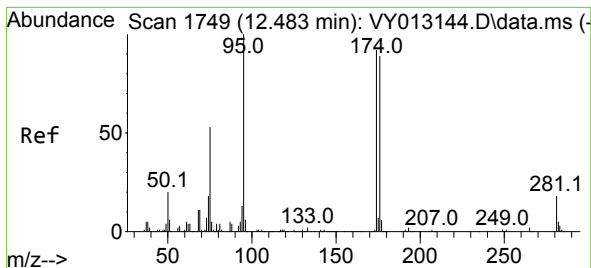
Tgt Ion:117 Resp: 578
Ion Ratio Lower Upper
117 100
119 0.0 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 46.175 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013176.D
Acq: 03 Apr 2023 15:21

Tgt Ion: 98 Resp: 9766
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3

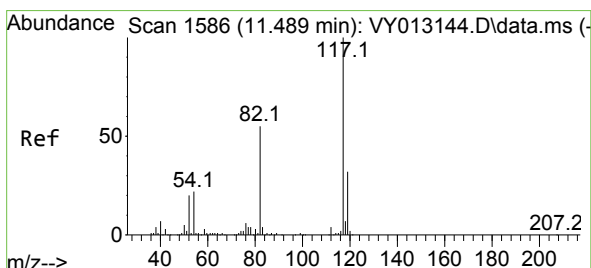
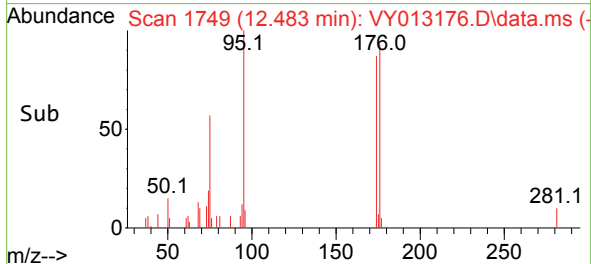
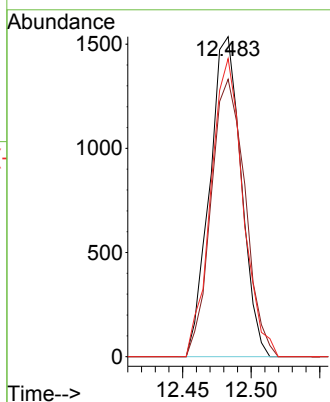
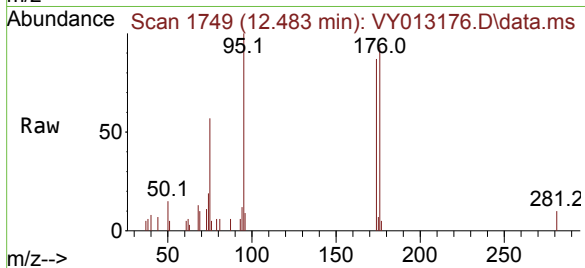




#62
4-Bromofluorobenzene
Concen: 35.675 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013176.D
Acq: 03 Apr 2023 15:21

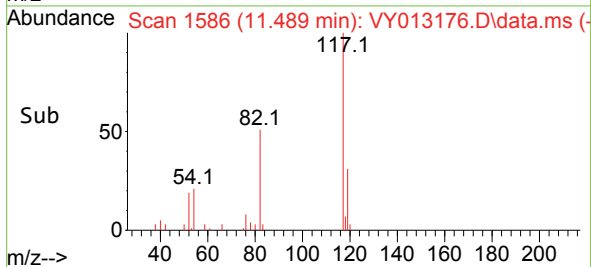
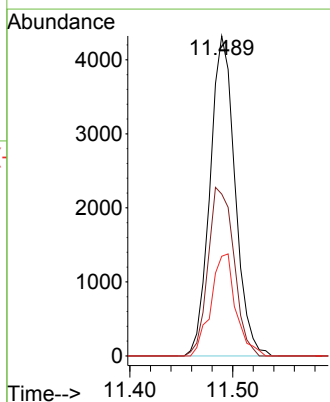
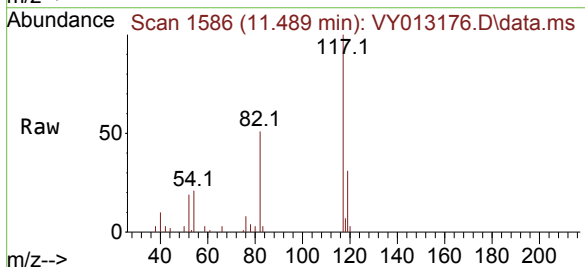
Instrument :
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ClientSampleId :
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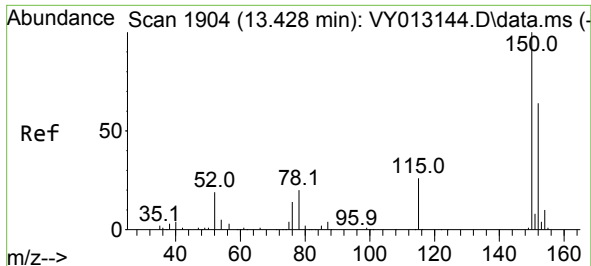
Tgt Ion: 95 Resp: 2456
Ion Ratio Lower Upper
95 100
174 93.6 0.0 176.6
176 95.3 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013176.D
Acq: 03 Apr 2023 15:21

Tgt Ion: 117 Resp: 7288
Ion Ratio Lower Upper
117 100
82 50.6 45.4 68.0
119 31.1 25.6 38.4

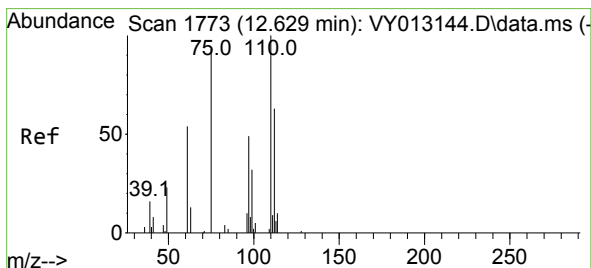
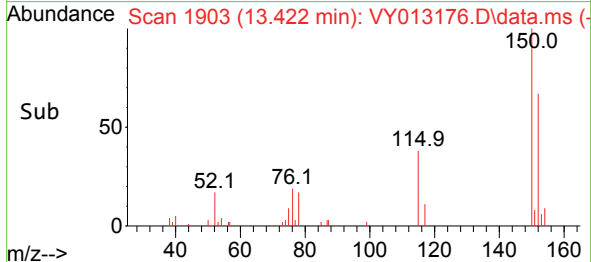
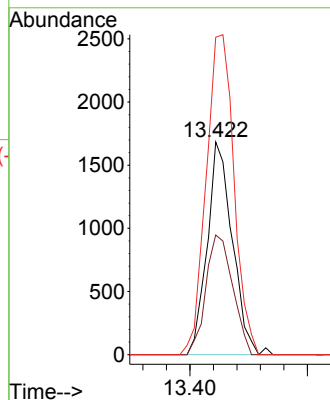
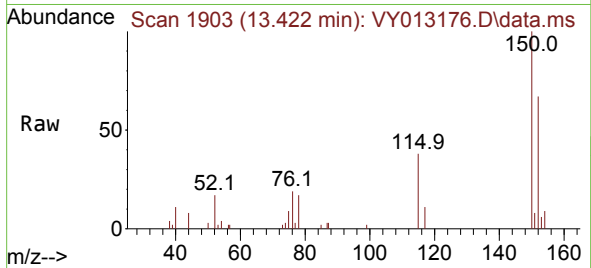




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY013176.D
 Acq: 03 Apr 2023 15:21

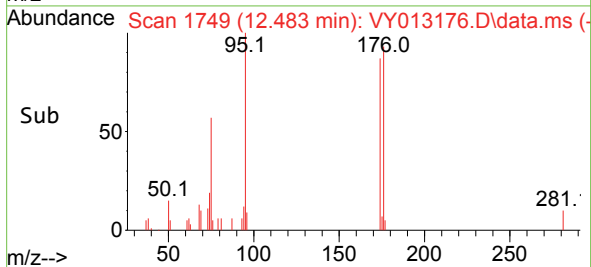
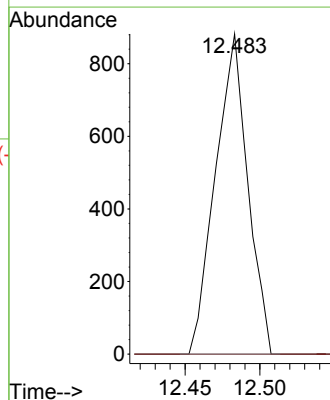
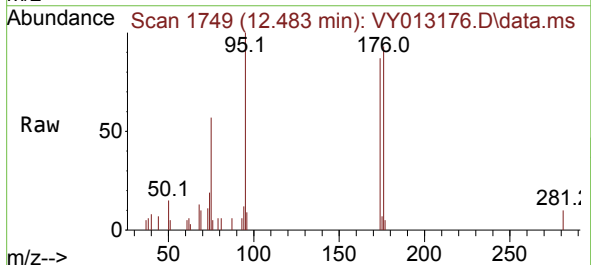
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1B

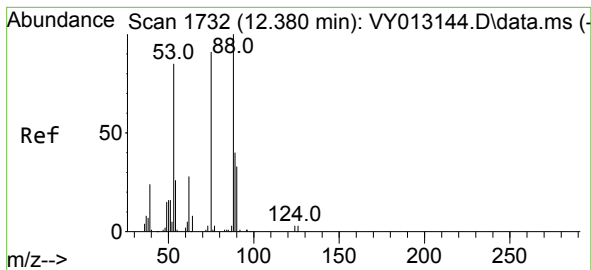
Tgt Ion:152 Resp: 2504
 Ion Ratio Lower Upper
 152 100
 115 59.8 27.1 81.3
 150 166.5 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 47.068 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY013176.D
 Acq: 03 Apr 2023 15:21

Tgt Ion: 75 Resp: 1324
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 104.967 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY013176.D
 Acq: 03 Apr 2023 15:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1B

Tgt Ion: 75 Resp: 1324
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.4 110.0#
 89 0.0 36.6 55.0#

