

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021423\
 Data File : VY012578.D
 Acq On : 14 Feb 2023 10:50
 Operator : KP/MD
 Sample : VY0214SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0214SBL01

Quant Time: Feb 15 01:21:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

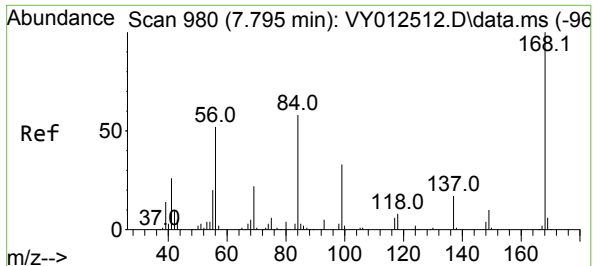
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	146656	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	245721	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	243127	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	117726	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	85899	46.061	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.120%		
35) Dibromofluoromethane	7.716	113	71472	39.940	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	79.880%		
50) Toluene-d8	10.179	98	289435	38.859	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	77.720%		
62) 4-Bromofluorobenzene	12.483	95	97418	37.497	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	75.000%		
Target Compounds						
5) Bromomethane	2.656	94	97	Below Cal		85
20) Methylene Chloride	4.716	84	3555	Below Cal		96
31) Cyclohexane	7.783	56	2380	1.104 ug/l #		42
36) 1,1-Dichloropropene	7.789	75	9658	3.988 ug/l #		51
38) Carbon Tetrachloride	7.789	117	14188	4.364 ug/l #		17
76) 1,2,3-Trichloropropane	12.483	75	53162	40.419 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.483	75	53162	91.147 ug/l #		12

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

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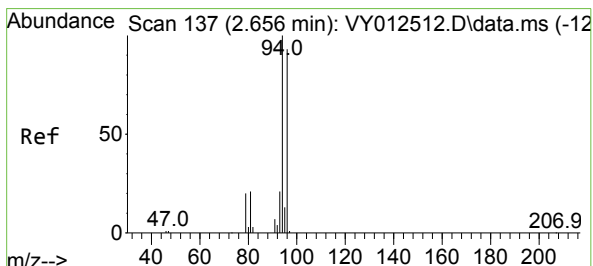
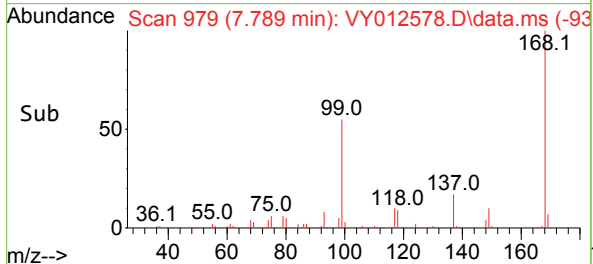
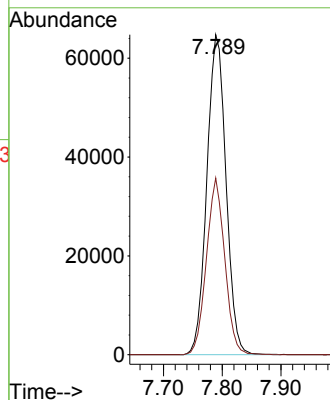
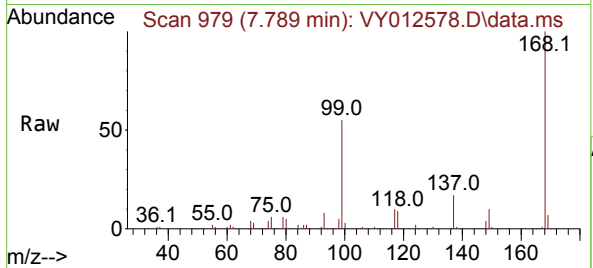




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012578.D
Acq: 14 Feb 2023 10:50

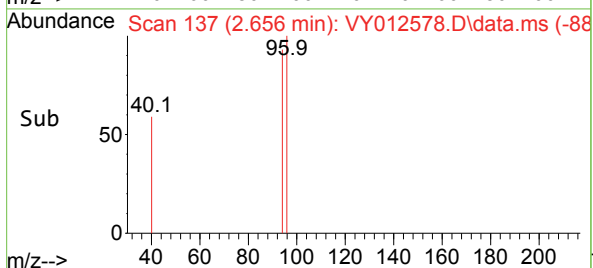
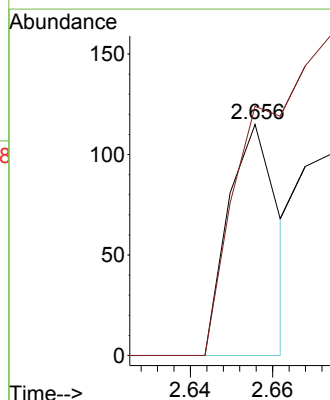
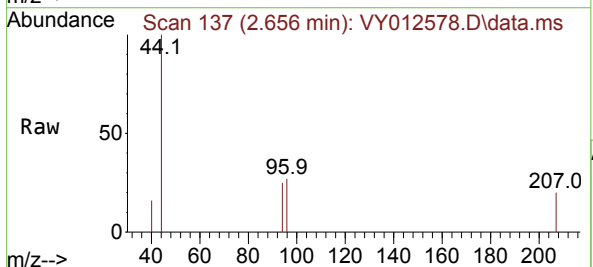
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBL01

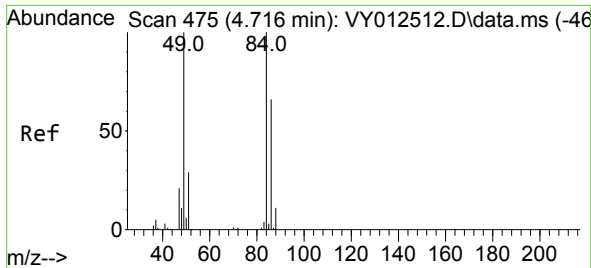
Tgt Ion:168 Resp: 146656
Ion Ratio Lower Upper
168 100
99 55.2 40.8 61.2



#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 137
Delta R.T. -0.000 min
Lab File: VY012578.D
Acq: 14 Feb 2023 10:50

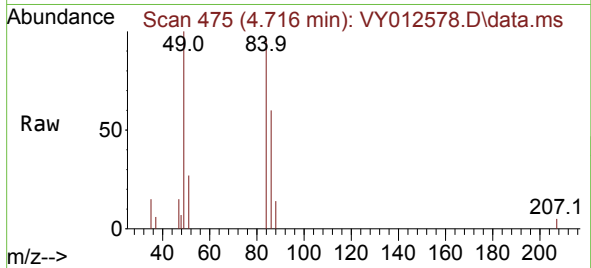
Tgt Ion: 94 Resp: 97
Ion Ratio Lower Upper
94 100
96 107.8 74.7 112.1



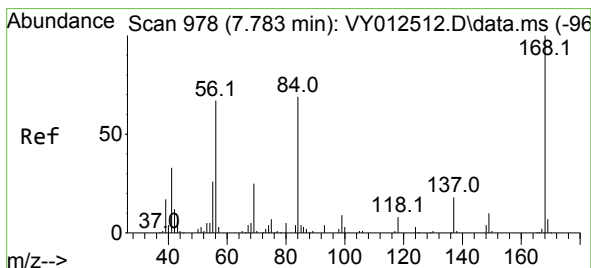
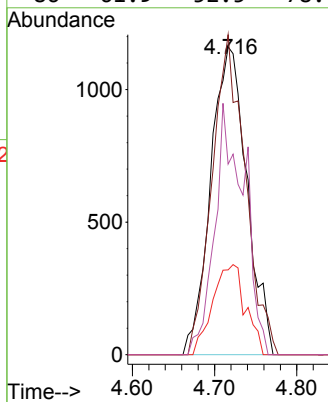
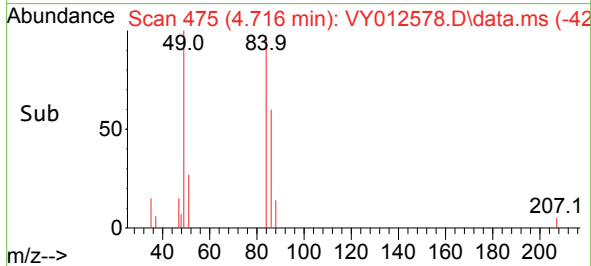


#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012578.D
Acq: 14 Feb 2023 10:50

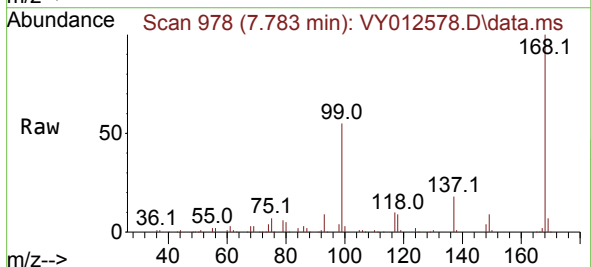
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBL01



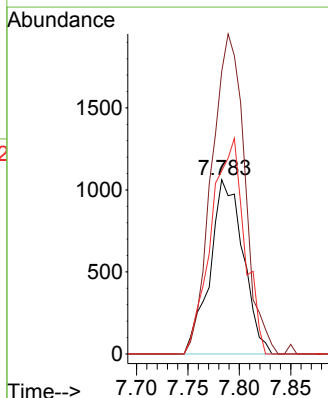
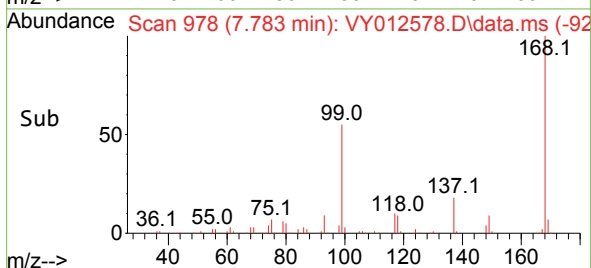
Tgt Ion:	84	Resp:	3555
Ion	Ratio	Lower	Upper
84	100		
49	104.0	79.8	119.6
51	27.6	23.4	35.2
86	61.9	52.5	78.7

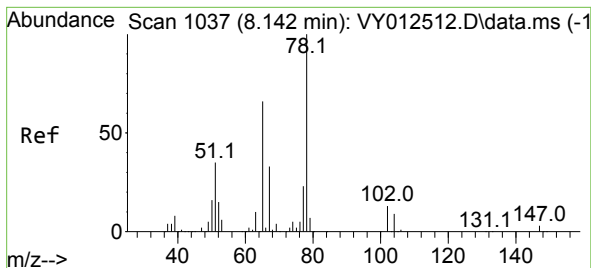


#31
Cyclohexane
Concen: 1.104 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.000 min
Lab File: VY012578.D
Acq: 14 Feb 2023 10:50



Tgt Ion:	56	Resp:	2380
Ion	Ratio	Lower	Upper
56	100		
69	162.2	29.5	44.3#
84	105.1	81.9	122.9





#33

1,2-Dichloroethane-d4

Concen: 46.061 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012578.D

Acq: 14 Feb 2023 10:50

Instrument :

MSVOA_Y

ClientSampleId :

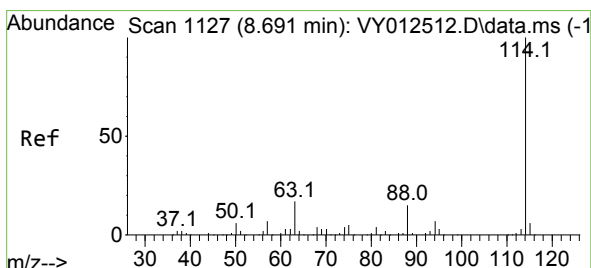
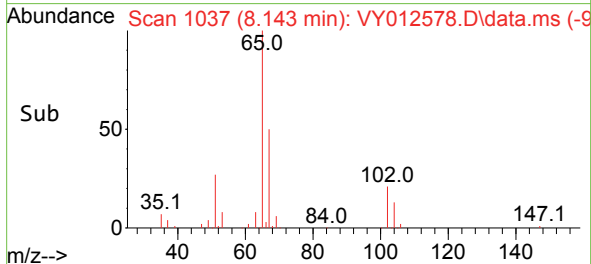
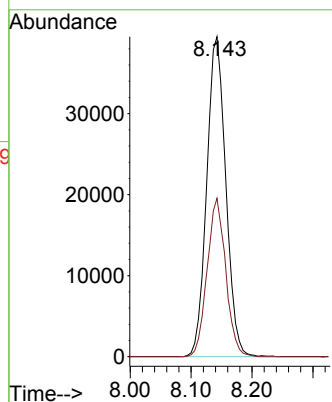
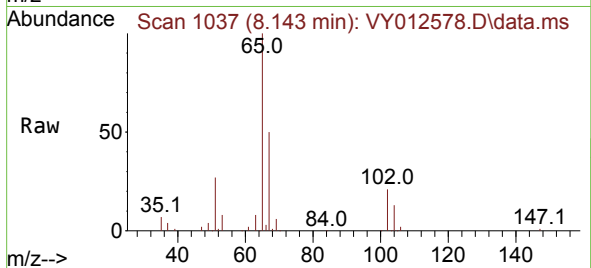
VY0214SBL01

Tgt Ion: 65 Resp: 85899

Ion Ratio Lower Upper

65 100

67 48.3 0.0 98.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012578.D

Acq: 14 Feb 2023 10:50

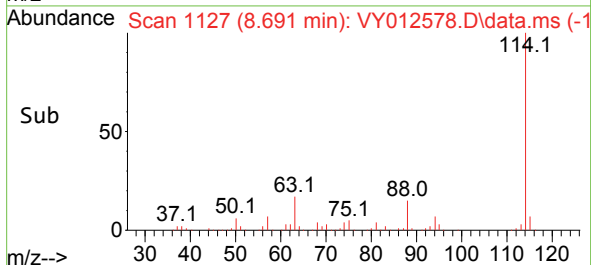
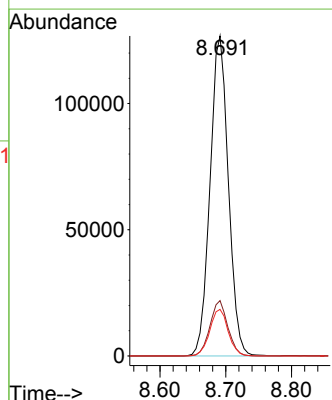
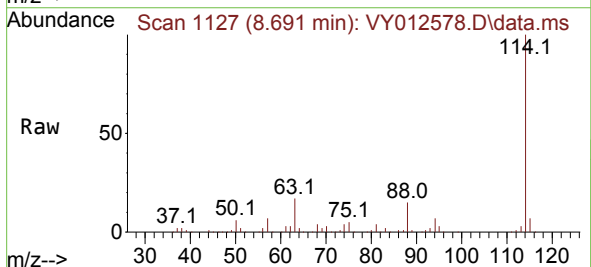
Tgt Ion: 114 Resp: 245721

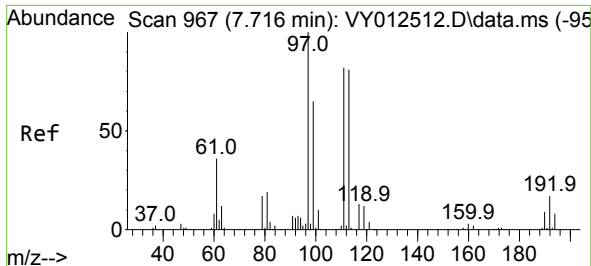
Ion Ratio Lower Upper

114 100

63 17.3 0.0 33.6

88 14.6 0.0 29.8

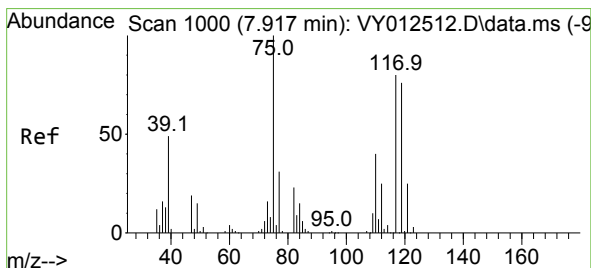
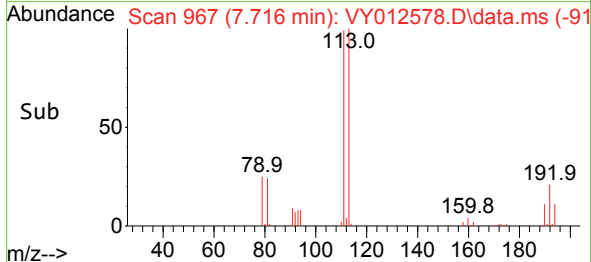
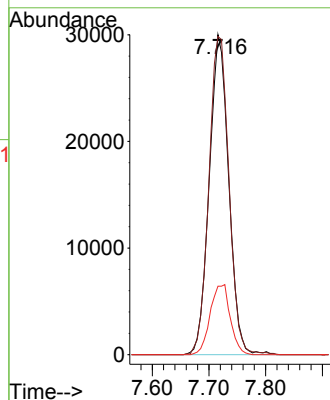
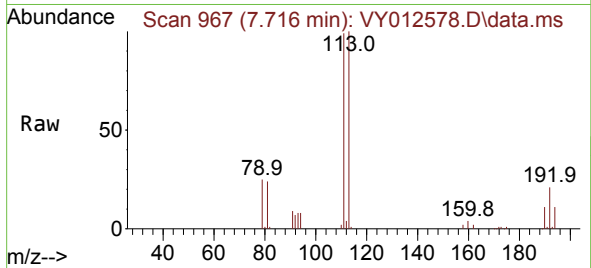




#35
Dibromofluoromethane
Concen: 39.940 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY012578.D
Acq: 14 Feb 2023 10:50

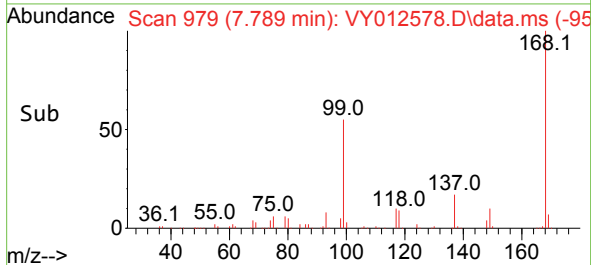
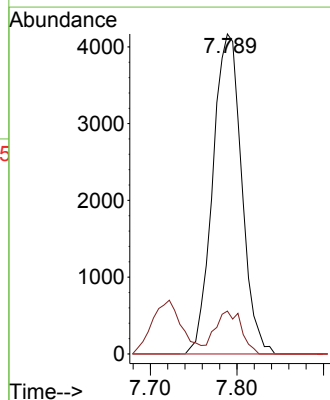
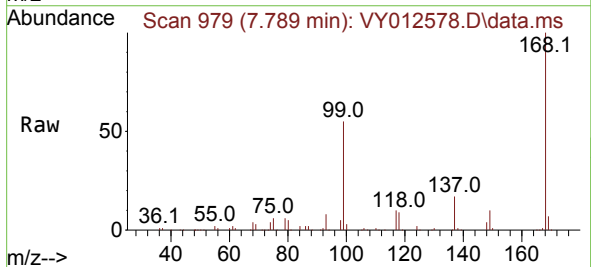
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBL01

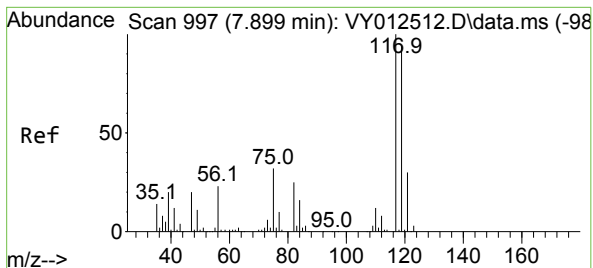
Tgt Ion:113 Resp: 71472
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 22.6 17.5 26.3



#36
1,1-Dichloropropene
Concen: 3.988 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012578.D
Acq: 14 Feb 2023 10:50

Tgt Ion: 75 Resp: 9658
Ion Ratio Lower Upper
75 100
110 12.4 19.5 58.5#
77 0.0 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 4.364 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.110 min

Lab File: VY012578.D

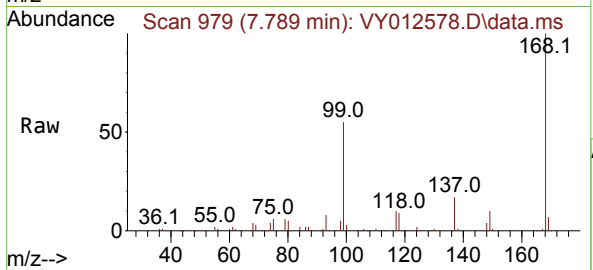
Acq: 14 Feb 2023 10:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0214SBL01



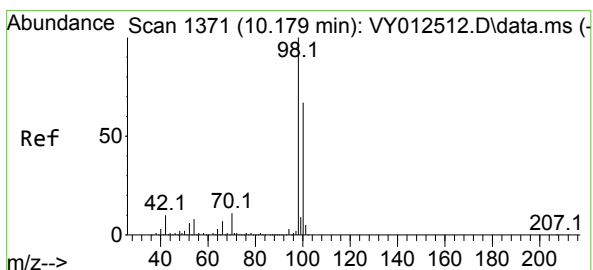
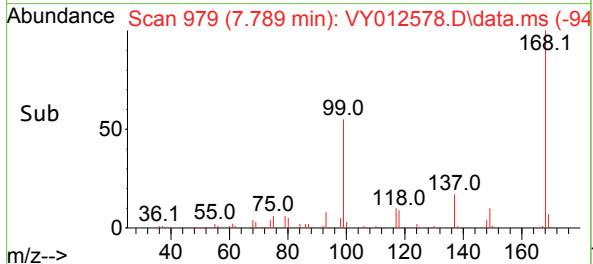
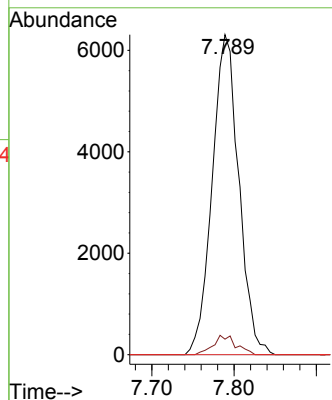
Tgt Ion:117 Resp: 14188

Ion Ratio Lower Upper

117 100

119 4.8 75.1 112.7#

121 0.0 24.3 36.5#



#50

Toluene-d8

Concen: 38.859 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY012578.D

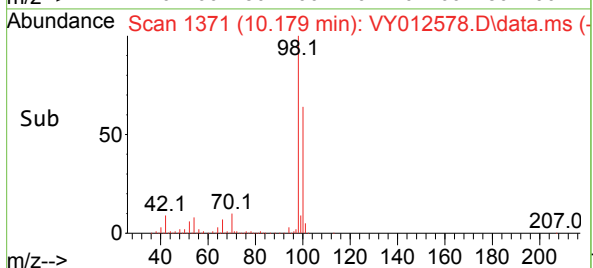
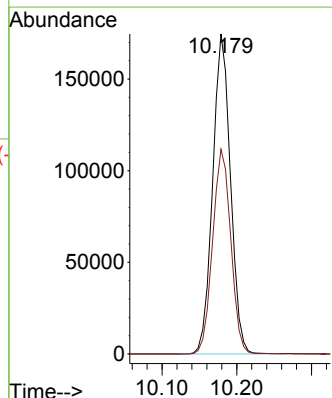
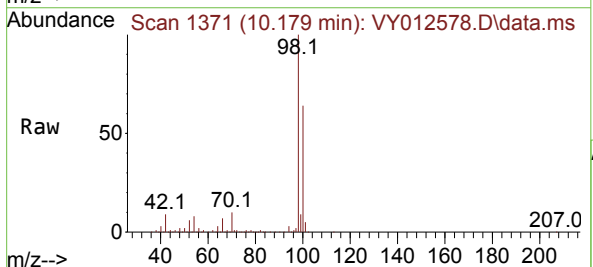
Acq: 14 Feb 2023 10:50

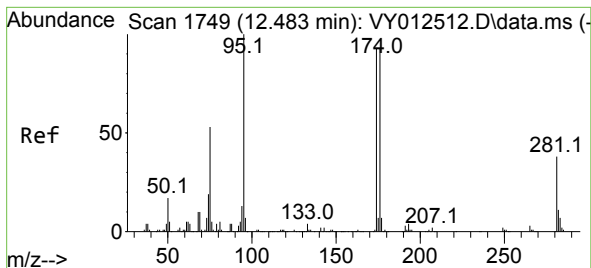
Tgt Ion: 98 Resp: 289435

Ion Ratio Lower Upper

98 100

100 65.3 52.2 78.2

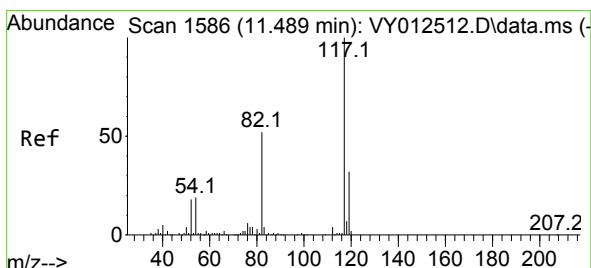
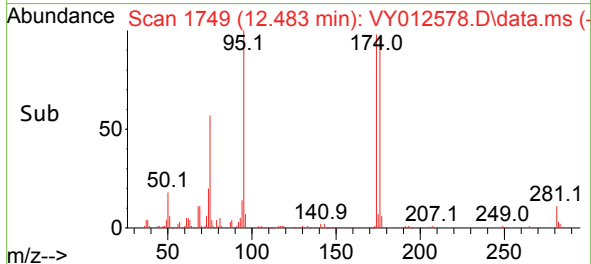
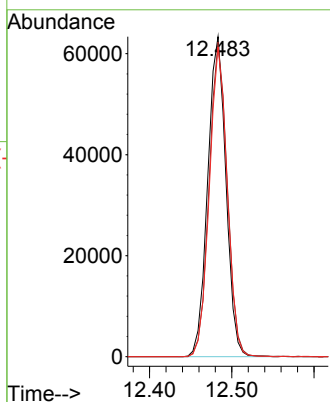
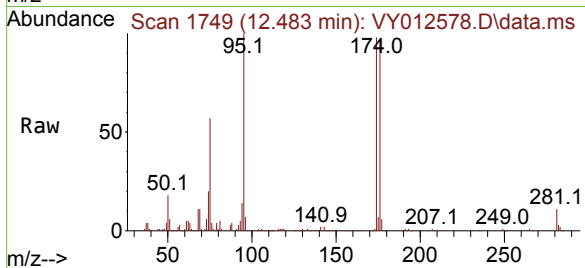




#62
4-Bromofluorobenzene
Concen: 37.497 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012578.D
Acq: 14 Feb 2023 10:50

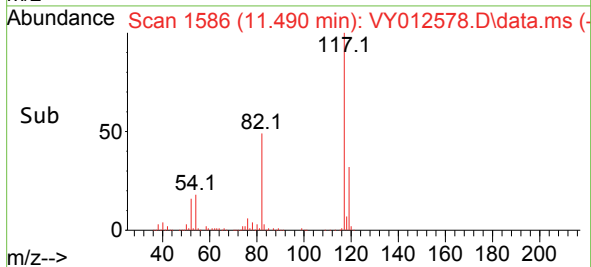
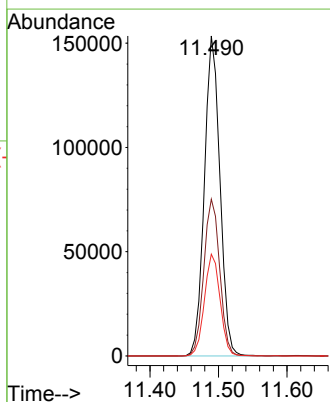
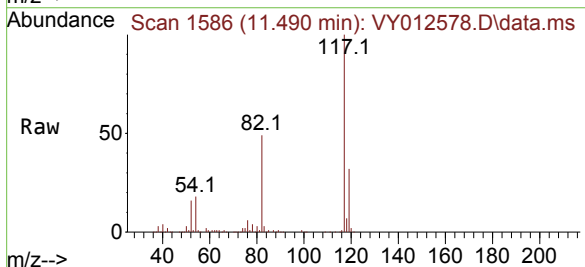
Instrument :
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VY0214SBL01

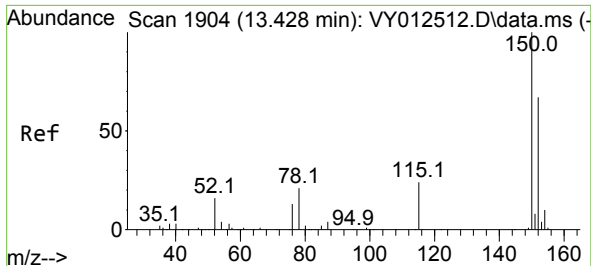
Tgt Ion:	95	Resp:	97418
Ion Ratio	Lower	Upper	
95	100		
174	97.7	0.0	188.0
176	95.0	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY012578.D
Acq: 14 Feb 2023 10:50

Tgt Ion:	117	Resp:	243127
Ion Ratio	Lower	Upper	
117	100		
82	49.0	41.7	62.5
119	31.8	25.8	38.8

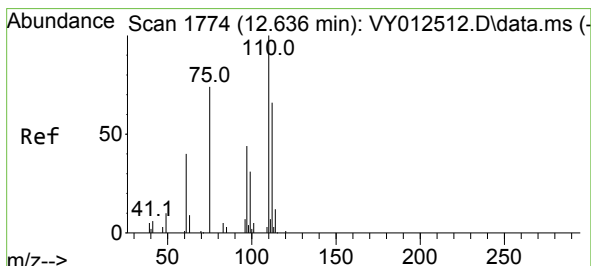
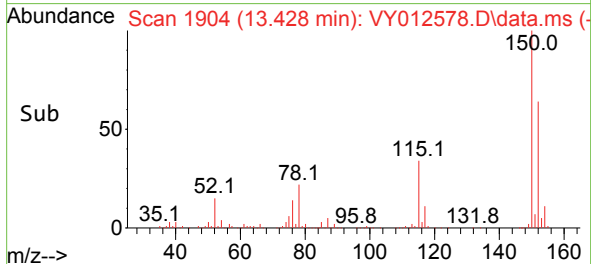
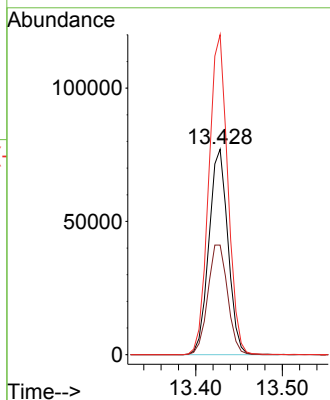
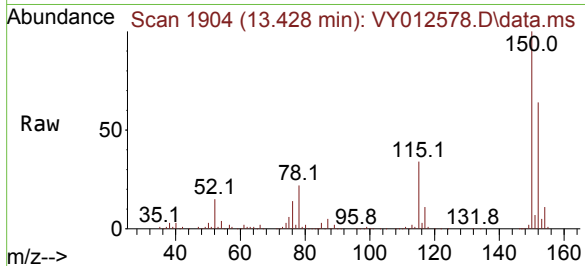




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY012578.D
 Acq: 14 Feb 2023 10:50

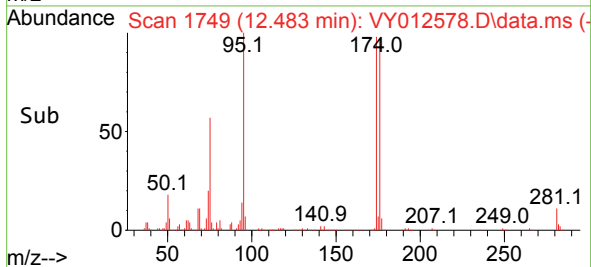
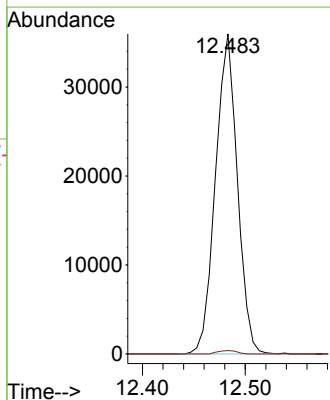
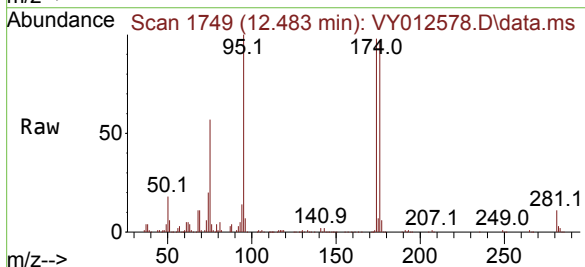
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0214SBL01

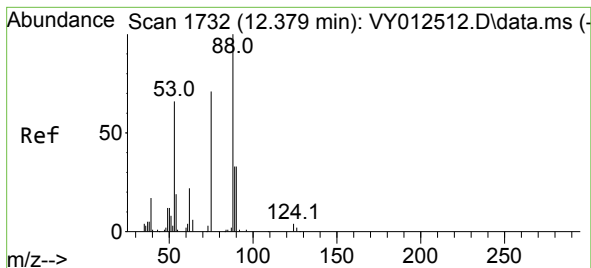
Tgt Ion:152 Resp: 117726
 Ion Ratio Lower Upper
 152 100
 115 55.5 28.1 84.3
 150 155.4 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 40.419 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY012578.D
 Acq: 14 Feb 2023 10:50

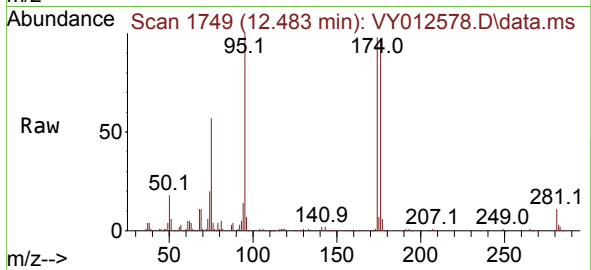
Tgt Ion: 75 Resp: 53162
 Ion Ratio Lower Upper
 75 100
 77 0.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.147 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY012578.D
 Acq: 14 Feb 2023 10:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0214SBL01



Tgt Ion: 75 Resp: 53162
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.1 109.7#
 89 0.0 39.9 59.9#

