

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033023\
 Data File : VY013153.D
 Acq On : 30 Mar 2023 16:23
 Operator : KP/MD
 Sample : 02136-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-033023

Quant Time: Mar 31 05:46:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 31 05:07:15 2023
 Response via : Initial Calibration

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

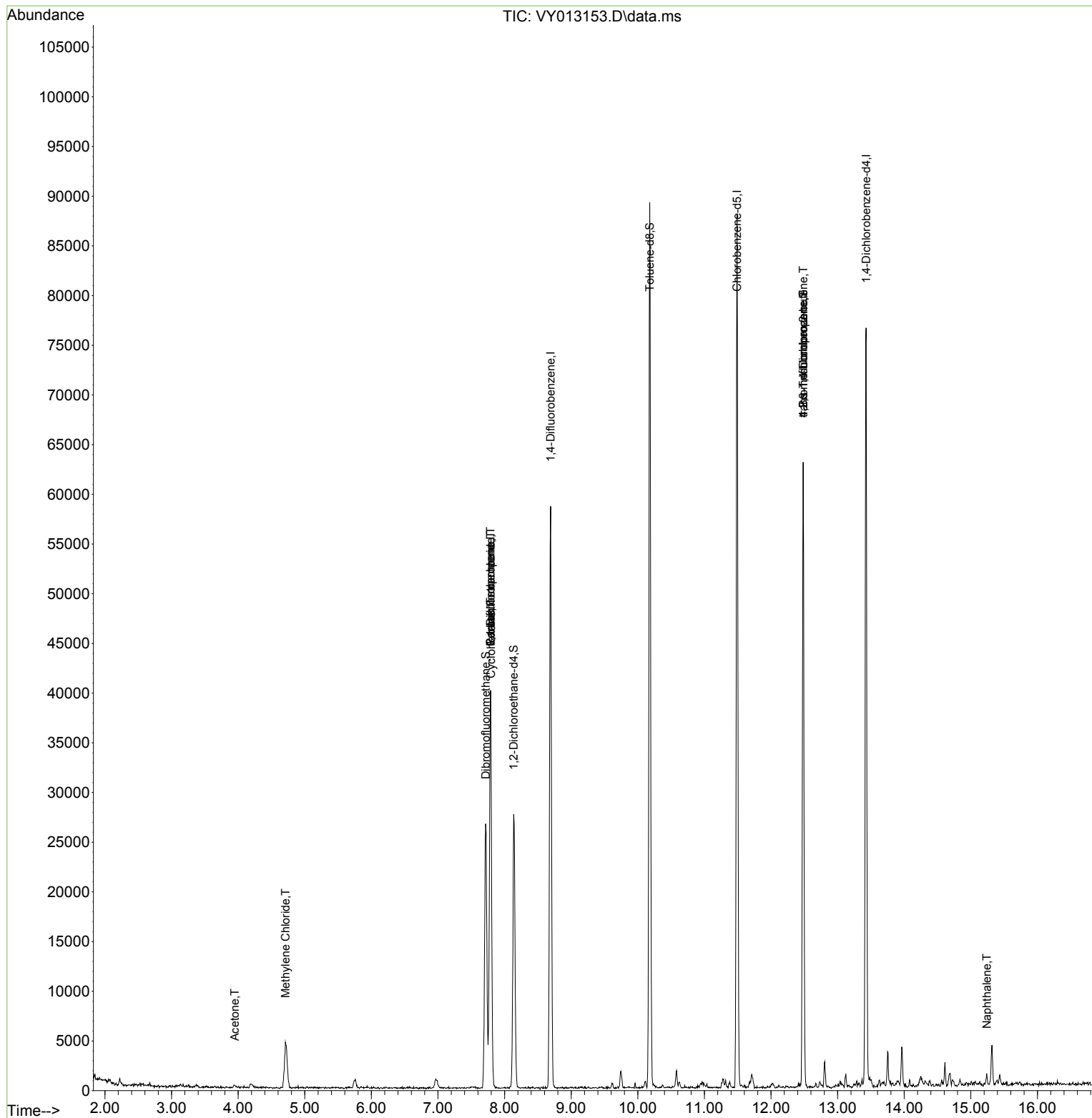
Internal Standards						
1) Pentafluorobenzene	7.789	168	31385	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	49156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	47141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	20701	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	21602	64.046	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery	= 128.100%		
35) Dibromofluoromethane	7.716	113	18949	59.009	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery	= 118.020%		
50) Toluene-d8	10.179	98	59275	48.896	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery	= 97.800%		
62) 4-Bromofluorobenzene	12.483	95	18129	45.943	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery	= 91.880%		
Target Compounds						Qvalue
16) Acetone	3.948	43	439	4.256	ug/l #	44
20) Methylene Chloride	4.710	84	3356	4.543	ug/l	93
31) Cyclohexane	7.795	56	590	1.071	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	2229	4.611	ug/l #	47
38) Carbon Tetrachloride	7.789	117	3058	5.733	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	9355	40.227	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	9355	89.712	ug/l #	13
95) Naphthalene	15.239	128	1198	4.676	ug/l #	87

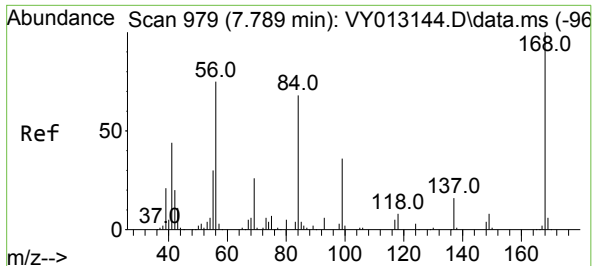
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033023\
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Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-033023

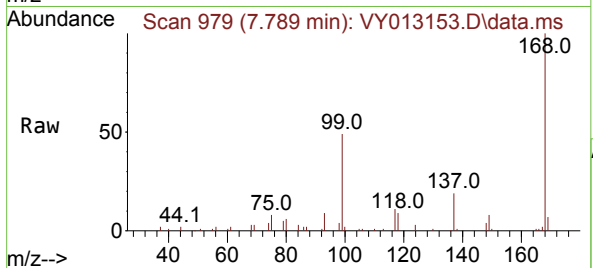
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 31 05:07:15 2023
Response via : Initial Calibration



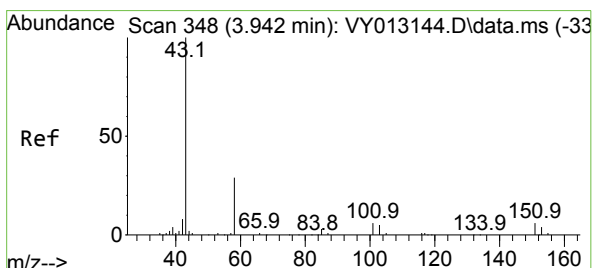
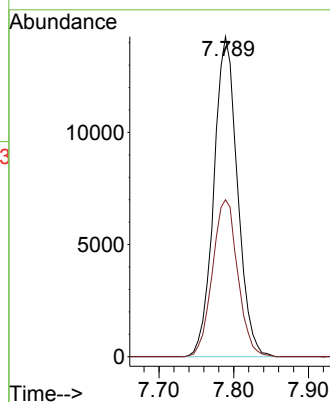
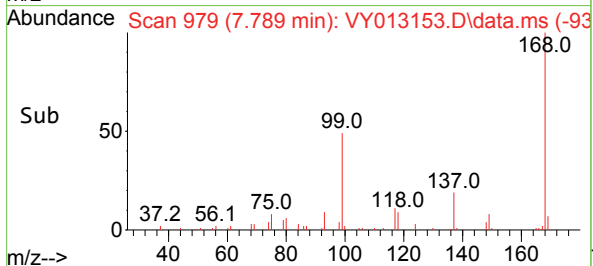


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013153.D
Acq: 30 Mar 2023 16:23

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-033023

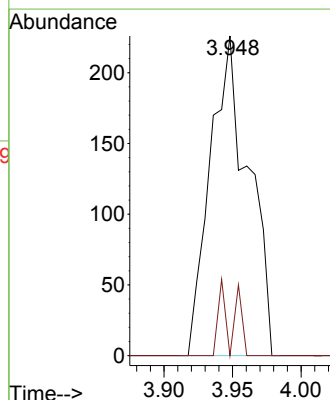
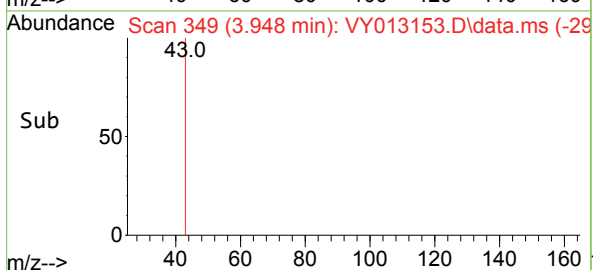
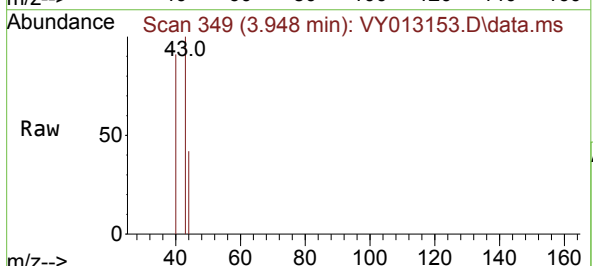


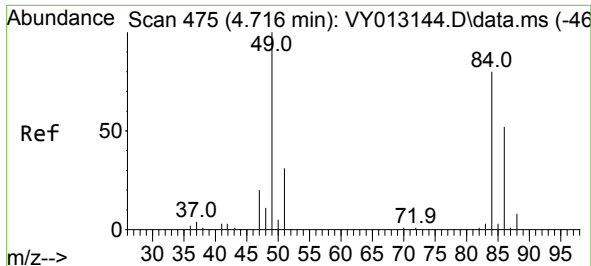
Tgt Ion:168 Resp: 31385
Ion Ratio Lower Upper
168 100
99 49.1 41.7 62.5



#16
Acetone
Concen: 4.256 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY013153.D
Acq: 30 Mar 2023 16:23

Tgt Ion: 43 Resp: 439
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.2#





#20

Methylene Chloride

Concen: 4.543 ug/l

RT: 4.710 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY013153.D

Acq: 30 Mar 2023 16:23

Instrument :

MSVOA_Y

ClientSampleId :

SU-03-033023

Tgt Ion: 84 Resp: 3356

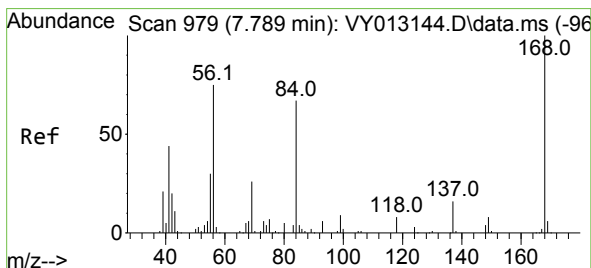
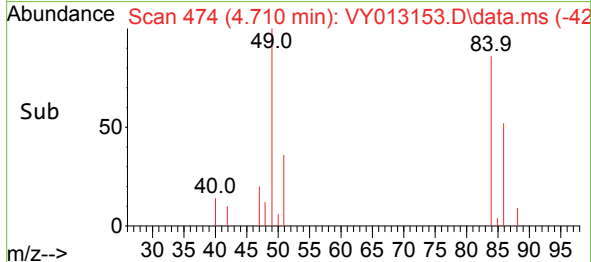
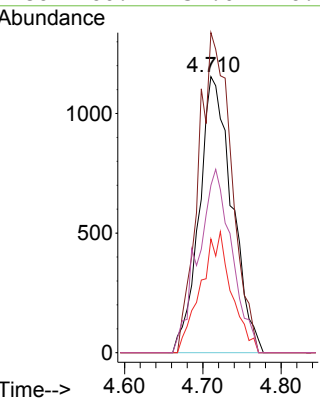
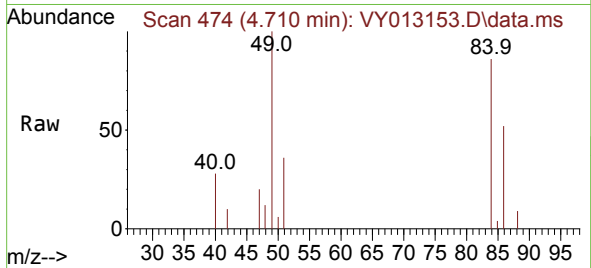
Ion Ratio Lower Upper

84 100

49 115.9 102.6 154.0

51 41.2 31.9 47.9

86 60.7 51.0 76.6



#31

Cyclohexane

Concen: 1.071 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.006 min

Lab File: VY013153.D

Acq: 30 Mar 2023 16:23

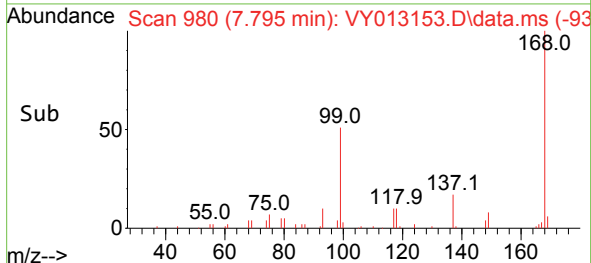
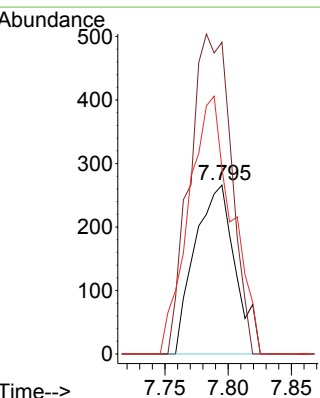
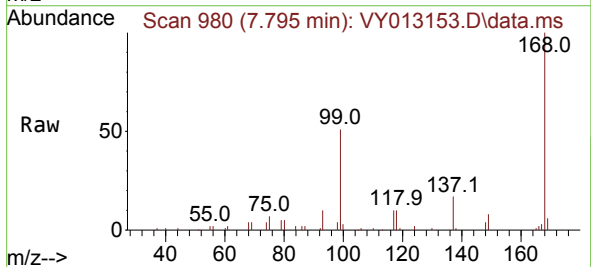
Tgt Ion: 56 Resp: 590

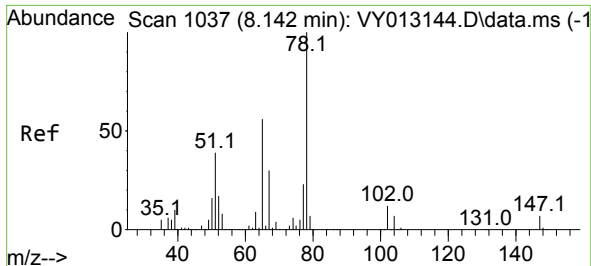
Ion Ratio Lower Upper

56 100

69 184.6 25.7 38.5#

84 109.8 64.3 96.5#

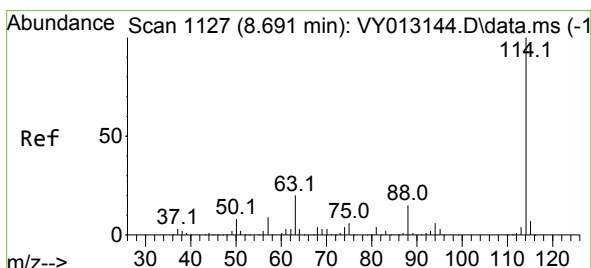
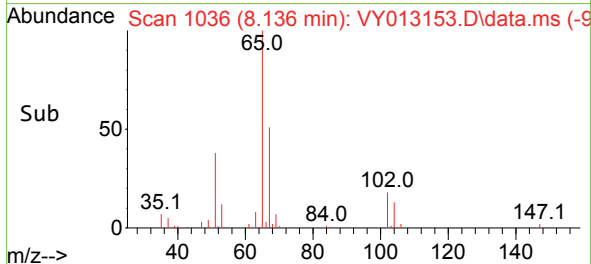
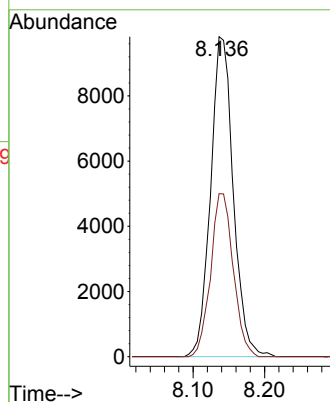
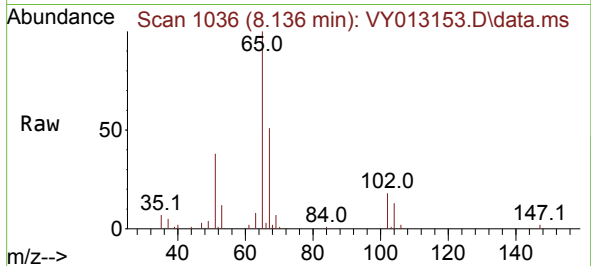




#33
 1,2-Dichloroethane-d4
 Concen: 64.046 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VY013153.D
 Acq: 30 Mar 2023 16:23

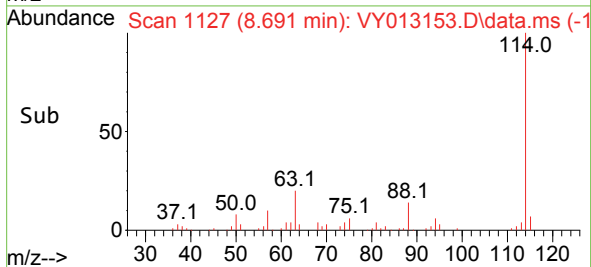
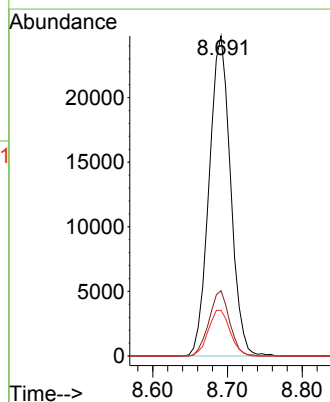
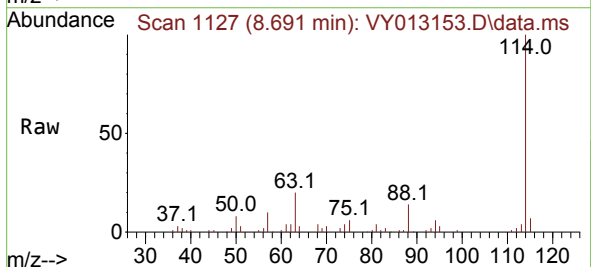
Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-033023

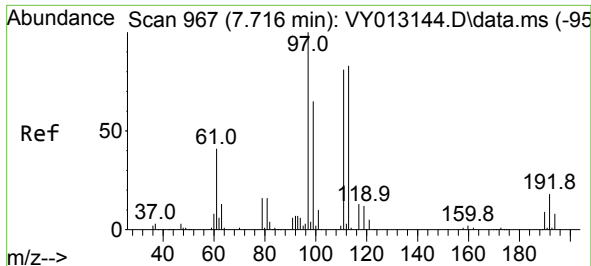
Tgt Ion: 65 Resp: 21602
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY013153.D
 Acq: 30 Mar 2023 16:23

Tgt Ion: 114 Resp: 49156
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 37.4
 88 14.3 0.0 28.6

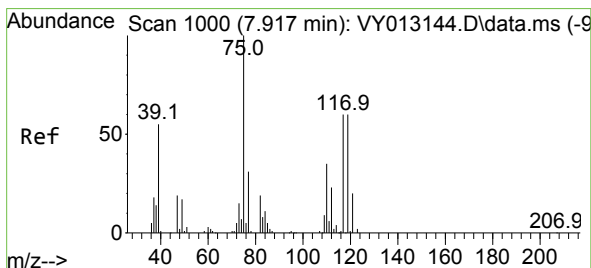
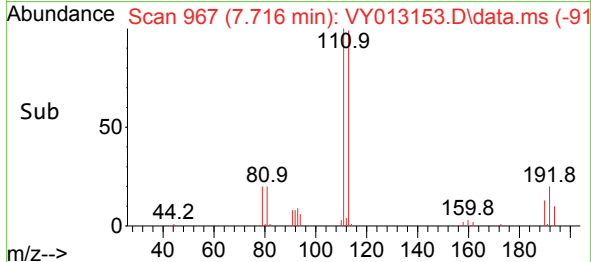
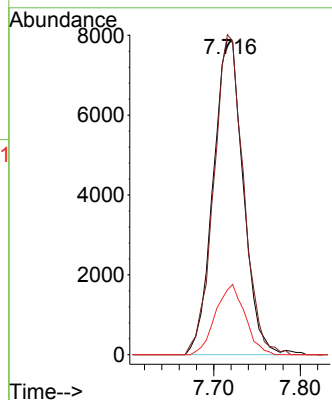
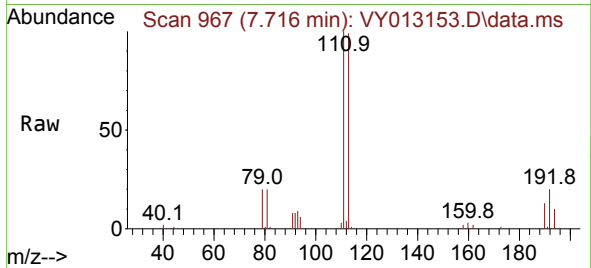




#35
Dibromofluoromethane
Concen: 59.009 ug/l
RT: 7.716 min Scan# 910
Delta R.T. 0.000 min
Lab File: VY013153.D
Acq: 30 Mar 2023 16:23

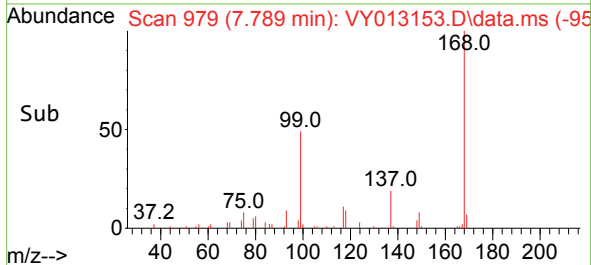
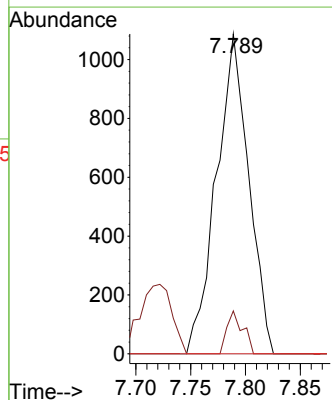
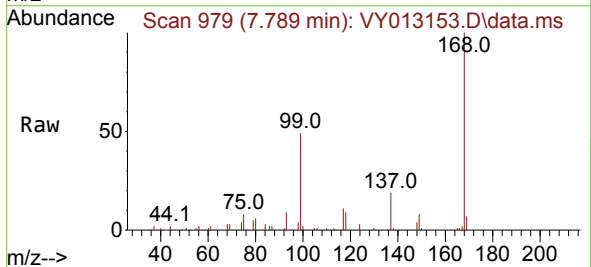
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-033023

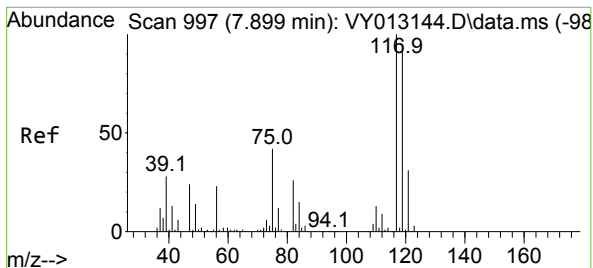
Tgt Ion:113 Resp: 18949
Ion Ratio Lower Upper
113 100
111 100.4 82.2 123.2
192 21.9 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.611 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY013153.D
Acq: 30 Mar 2023 16:23

Tgt Ion: 75 Resp: 2229
Ion Ratio Lower Upper
75 100
110 6.6 17.8 53.3#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.733 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.110 min

Lab File: VY013153.D

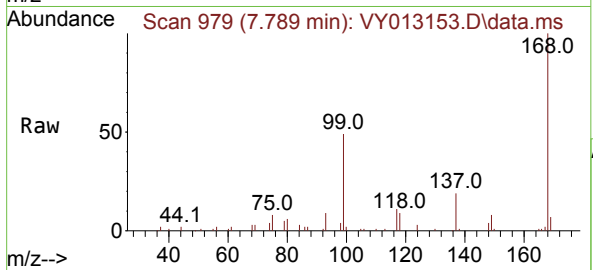
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Instrument :

MSVOA_Y

ClientSampleId :

SU-03-033023



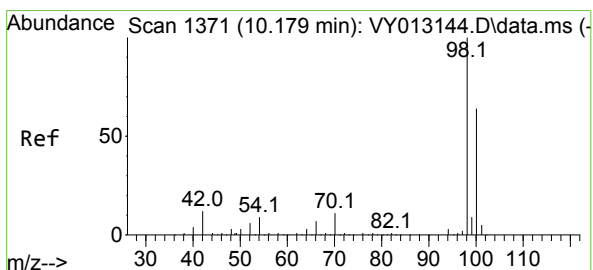
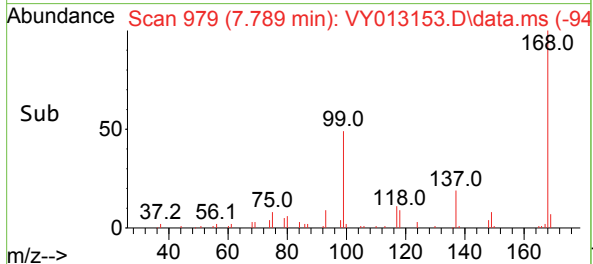
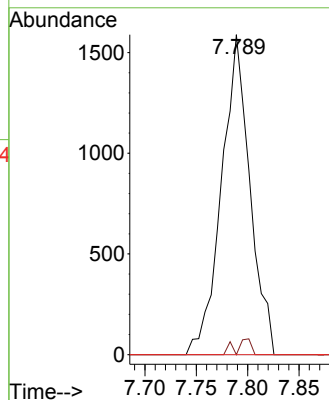
Tgt Ion:117 Resp: 3058

Ion Ratio Lower Upper

117 100

119 0.0 77.2 115.8#

121 0.0 24.7 37.1#



#50

Toluene-d8

Concen: 48.896 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY013153.D

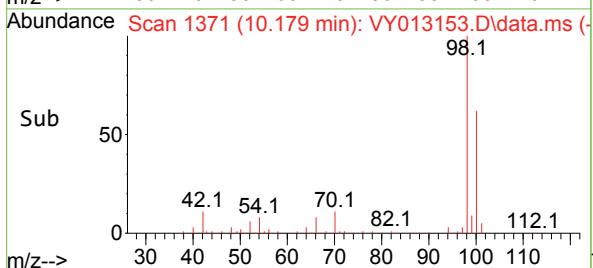
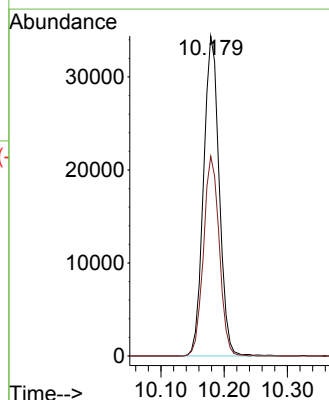
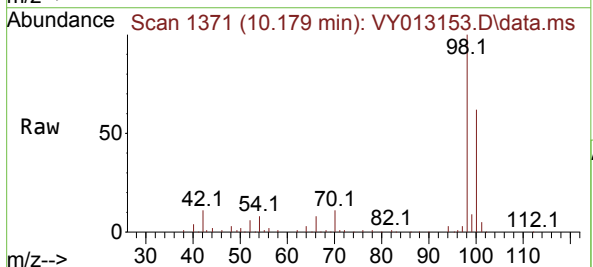
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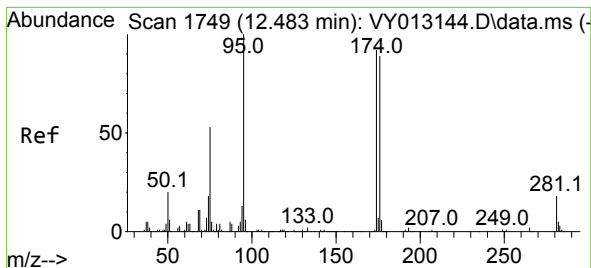
Tgt Ion: 98 Resp: 59275

Ion Ratio Lower Upper

98 100

100 62.8 50.9 76.3

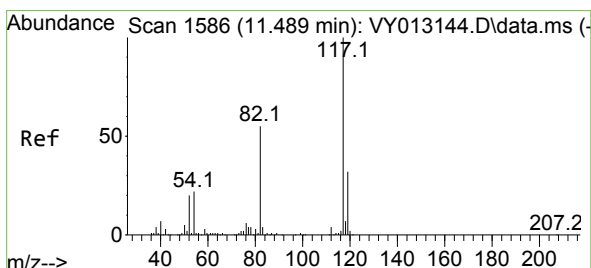
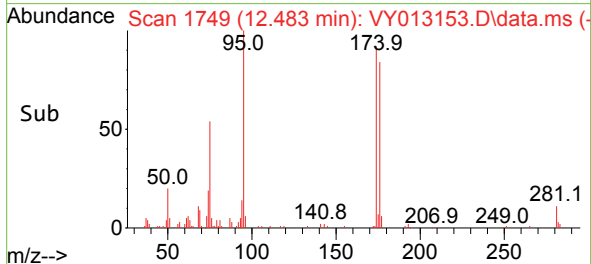
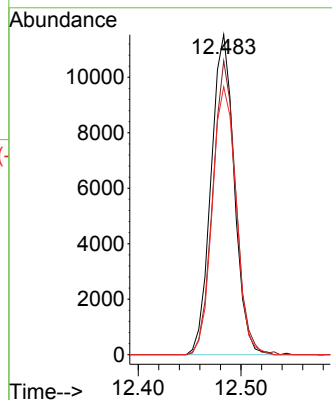
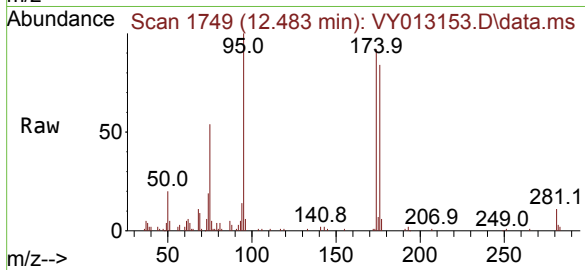




#62
4-Bromofluorobenzene
Concen: 45.943 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013153.D
Acq: 30 Mar 2023 16:23

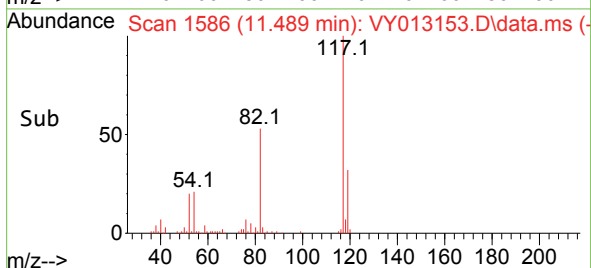
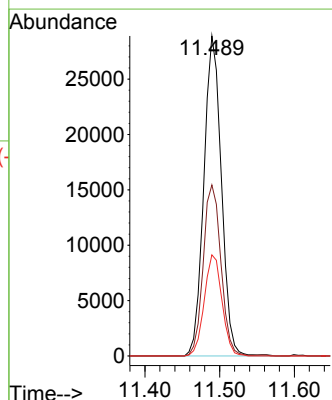
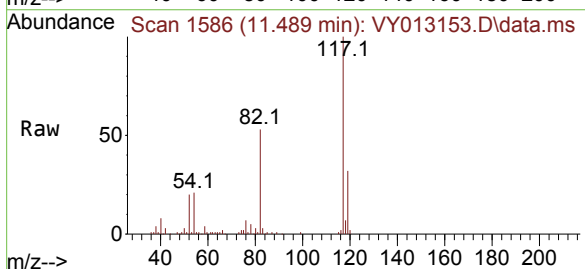
Instrument :
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SU-03-033023

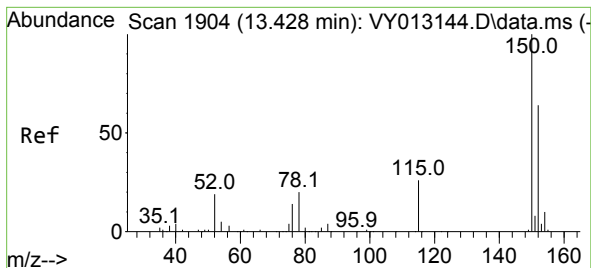
Tgt Ion: 95 Resp: 18129
Ion Ratio Lower Upper
95 100
174 90.8 0.0 176.6
176 86.0 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013153.D
Acq: 30 Mar 2023 16:23

Tgt Ion: 117 Resp: 47141
Ion Ratio Lower Upper
117 100
82 53.5 45.4 68.0
119 31.6 25.6 38.4

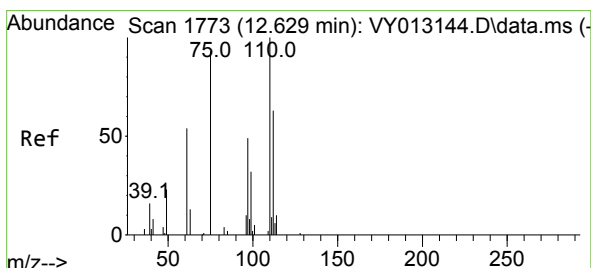
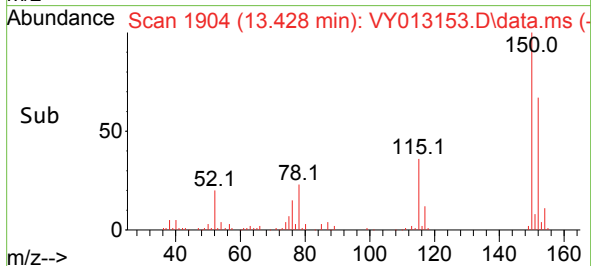
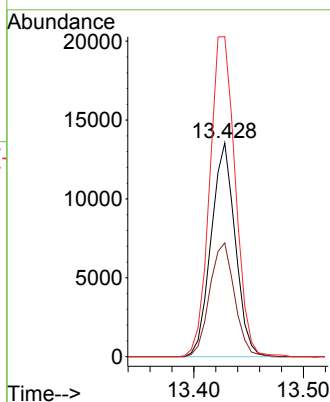
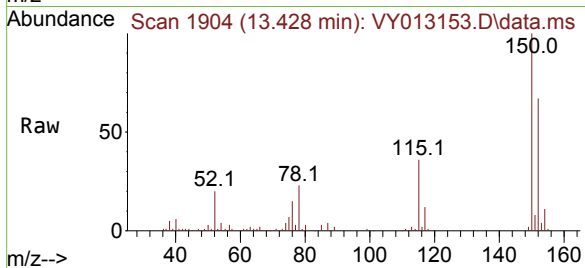




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY013153.D
 Acq: 30 Mar 2023 16:23

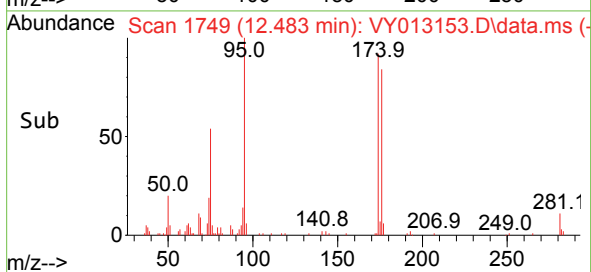
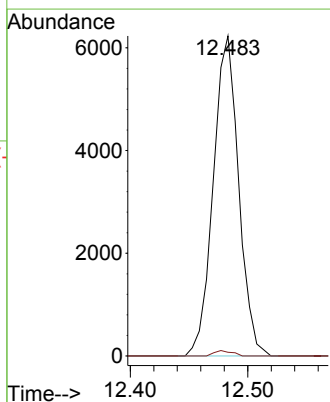
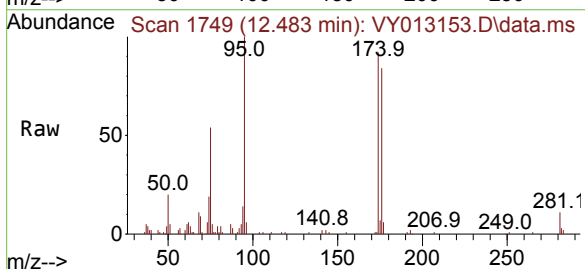
Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-033023

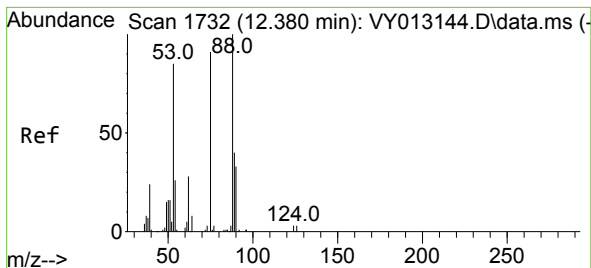
Tgt Ion:152 Resp: 20701
 Ion Ratio Lower Upper
 152 100
 115 54.9 27.1 81.3
 150 159.3 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 40.227 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY013153.D
 Acq: 30 Mar 2023 16:23

Tgt Ion: 75 Resp: 9355
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

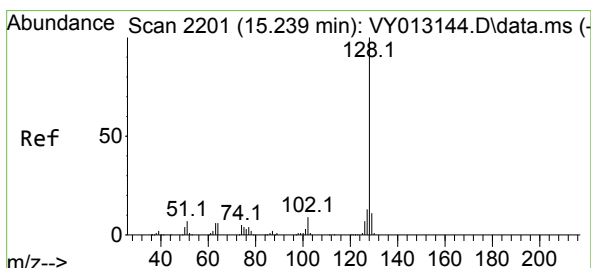
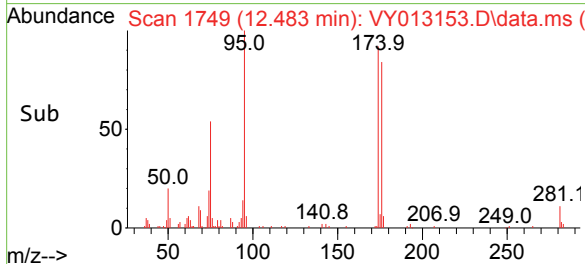
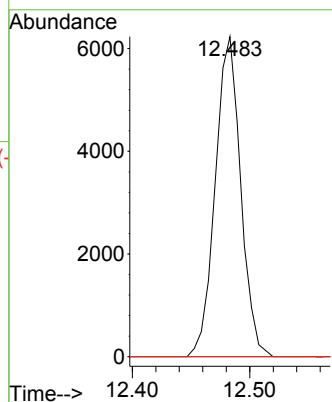
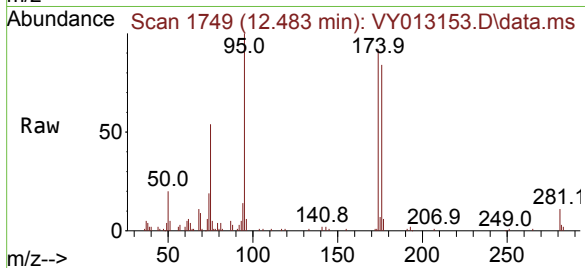




#81
trans-1,4-Dichloro-2-butene
Concen: 89.712 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY013153.D
Acq: 30 Mar 2023 16:23

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-033023

Tgt Ion: 75 Resp: 9355
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.0 36.6 55.0#



#95
Naphthalene
Concen: 4.676 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY013153.D
Acq: 30 Mar 2023 16:23

Tgt Ion: 128 Resp: 1198
Ion Ratio Lower Upper
128 100
127 7.6 10.3 15.5#
129 5.7 8.6 13.0#

