

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041123\
 Data File : VY013249.D
 Acq On : 11 Apr 2023 17:47
 Operator : KP/MD
 Sample : 02266-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1960-1970

Quant Time: Apr 12 01:36:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041123S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 11 11:59:49 2023
 Response via : Initial Calibration

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

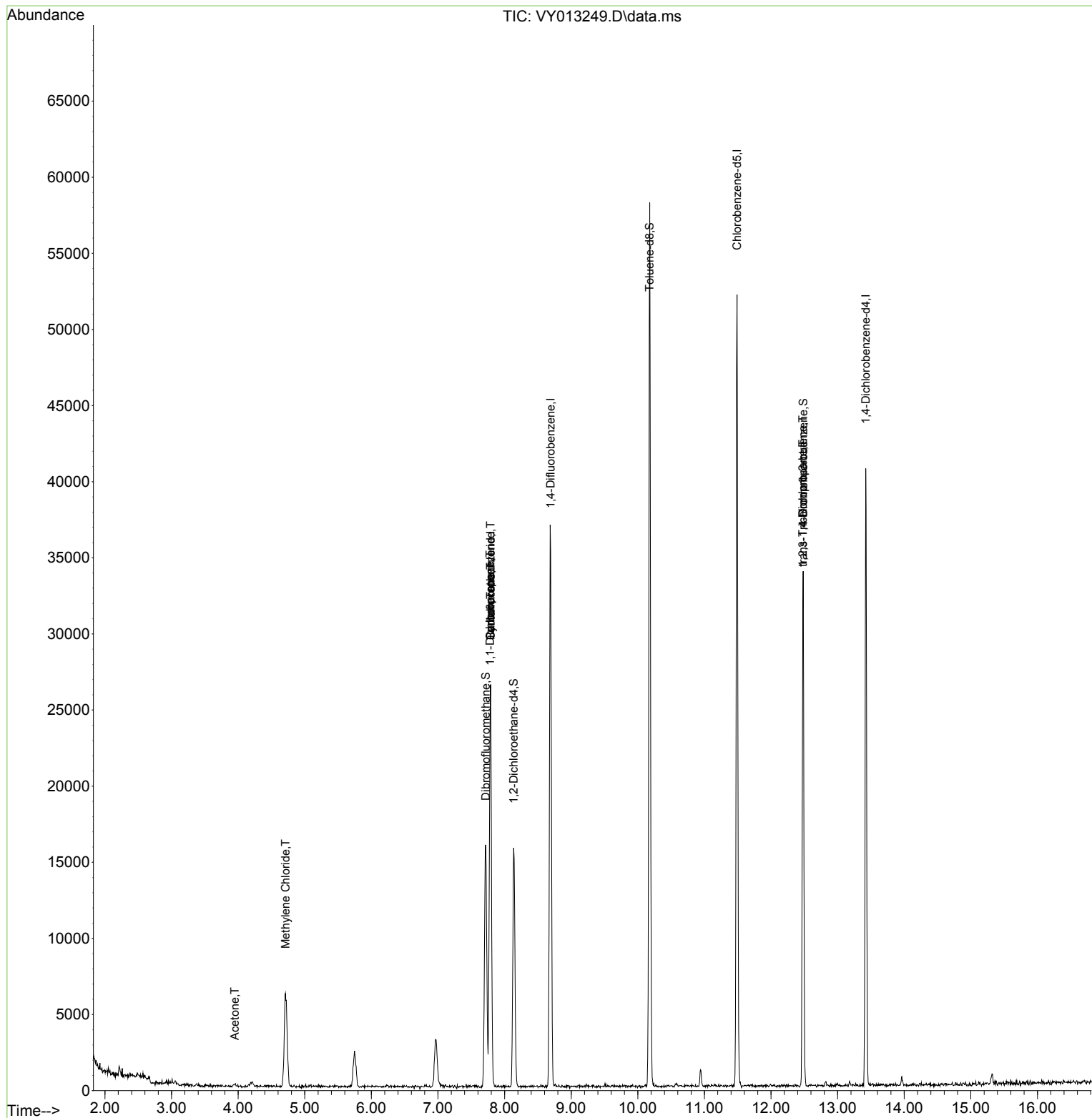
Internal Standards						
1) Pentafluorobenzene	7.789	168	20238	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	29930	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	26789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	9913	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	12564	55.206	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.420%	
35) Dibromofluoromethane	7.716	113	11051	61.769	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 123.540%	
50) Toluene-d8	10.179	98	37351	59.630	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 119.260%	
62) 4-Bromofluorobenzene	12.483	95	9516	42.544	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 85.080%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	126	Below Cal	#	42
16) Acetone	3.948	43	355	3.833	ug/l #	44
20) Methylene Chloride	4.710	84	4629	14.863	ug/l	87
31) Cyclohexane	7.789	56	485	1.676	ug/l #	20
36) 1,1-Dichloropropene	7.783	75	1734	7.047	ug/l #	44
38) Carbon Tetrachloride	7.789	117	1930	6.737	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	5368	44.490	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	5368	91.748	ug/l #	13

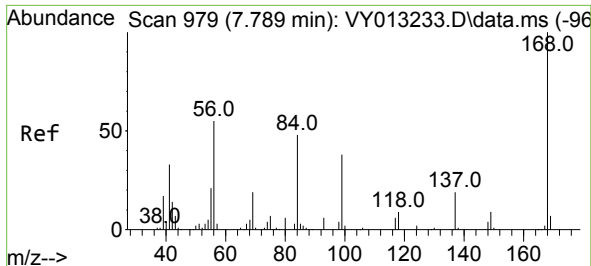
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 12 01:36:50 2023
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Response via : Initial Calibration

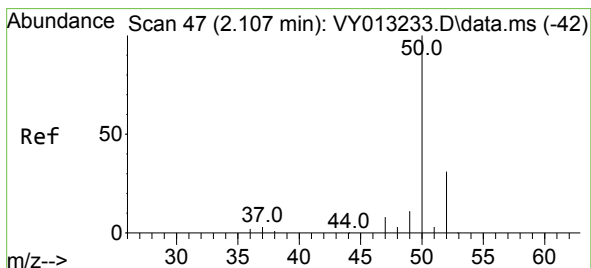
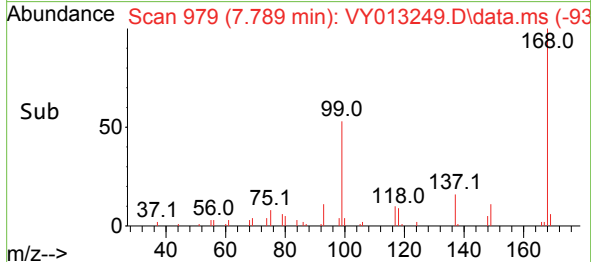
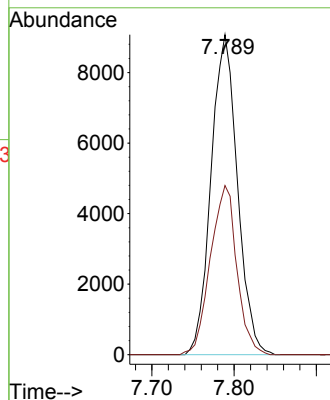
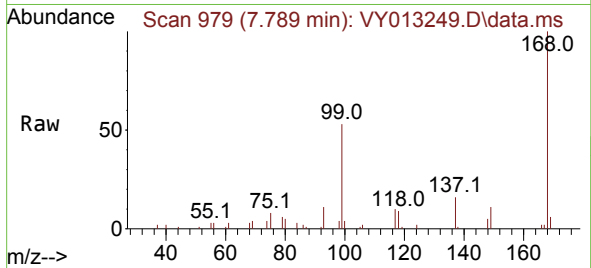




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013249.D
Acq: 11 Apr 2023 17:47

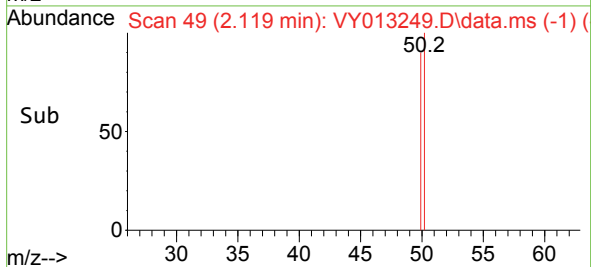
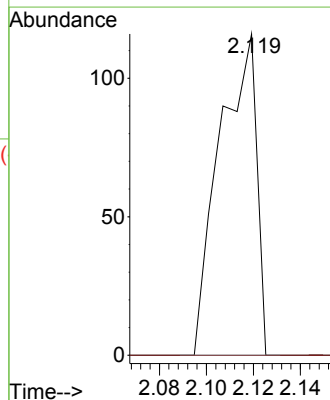
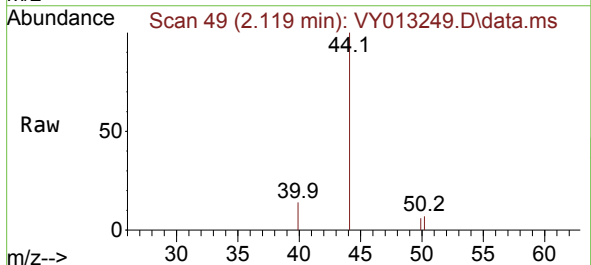
Instrument :
MSVOA_Y
ClientSampleId :
1960-1970

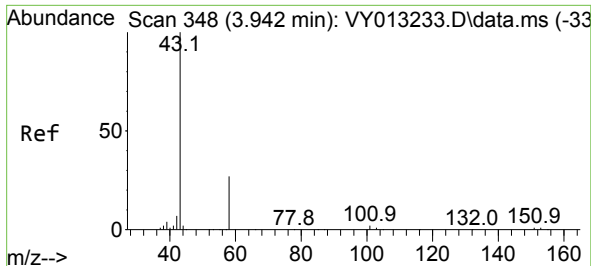
Tgt Ion:168 Resp: 20238
Ion Ratio Lower Upper
168 100
99 52.9 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.012 min
Lab File: VY013249.D
Acq: 11 Apr 2023 17:47

Tgt Ion: 50 Resp: 126
Ion Ratio Lower Upper
50 100
52 0.0 26.0 39.0#





#16

Acetone

Concen: 3.833 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY013249.D

Acq: 11 Apr 2023 17:47

Instrument :

MSVOA_Y

ClientSampleId :

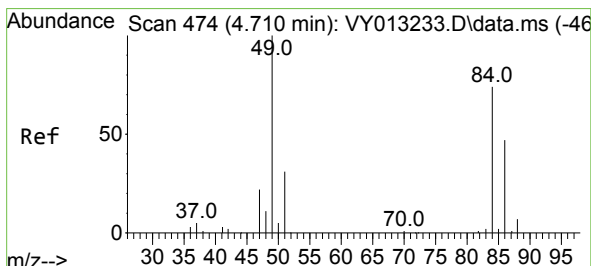
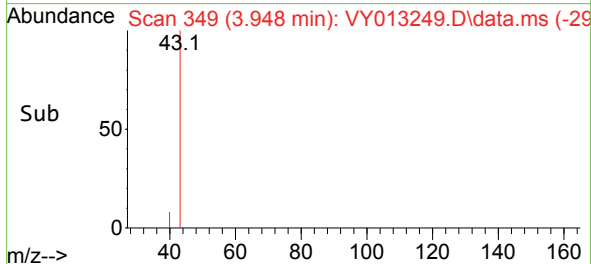
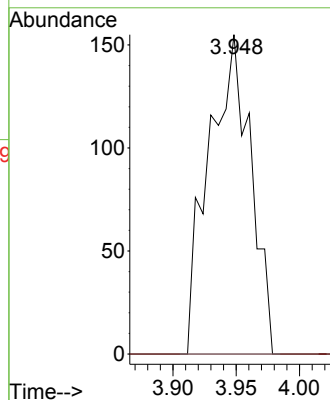
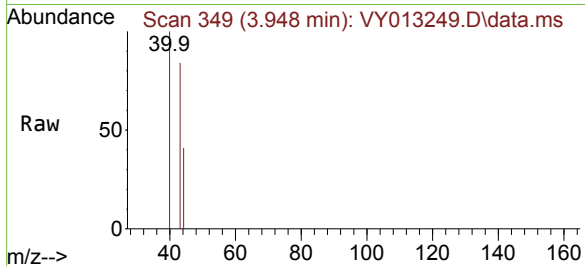
1960-1970

Tgt Ion: 43 Resp: 355

Ion Ratio Lower Upper

43 100

58 0.0 24.2 36.2#



#20

Methylene Chloride

Concen: 14.863 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY013249.D

Acq: 11 Apr 2023 17:47

Tgt Ion: 84 Resp: 4629

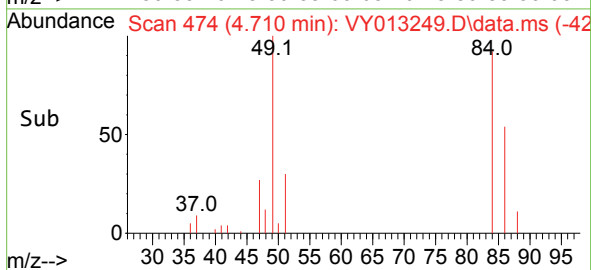
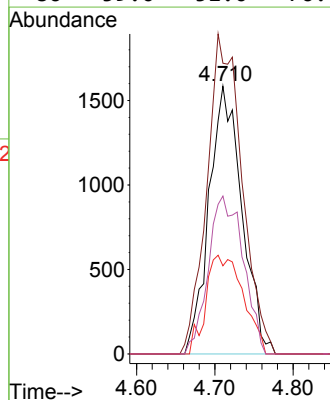
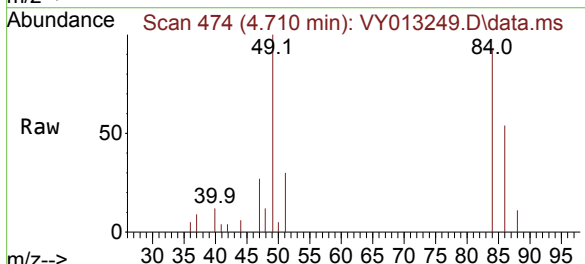
Ion Ratio Lower Upper

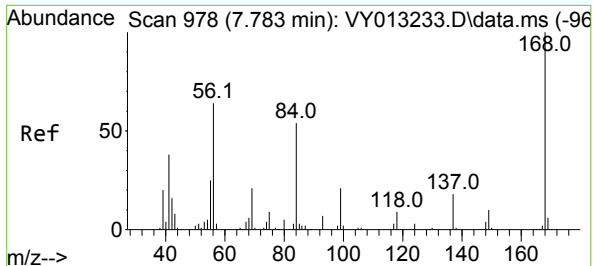
84 100

49 108.6 102.6 154.0

51 33.0 31.9 47.9

86 59.0 51.0 76.6

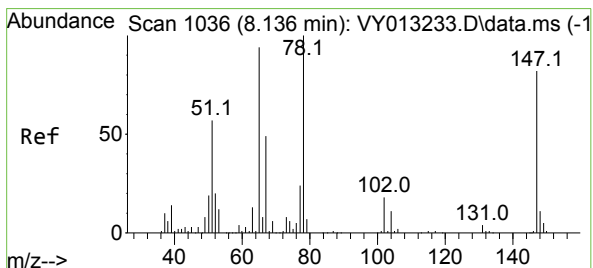
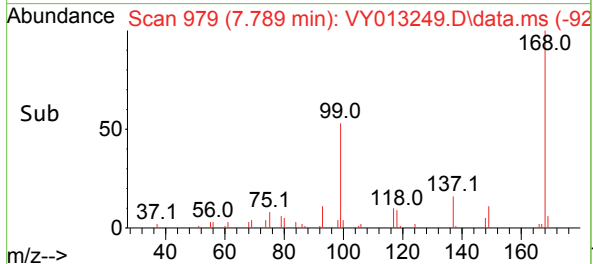
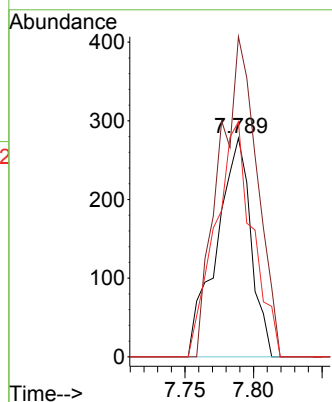
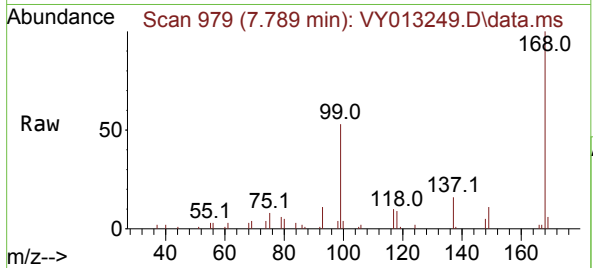




#31
Cyclohexane
Concen: 1.676 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013249.D
Acq: 11 Apr 2023 17:47

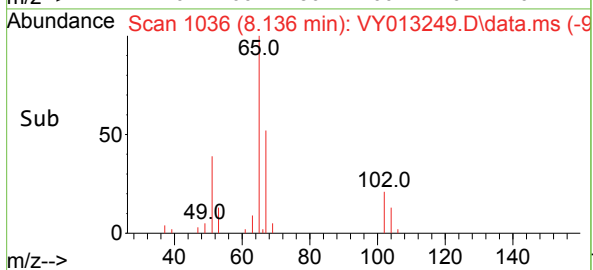
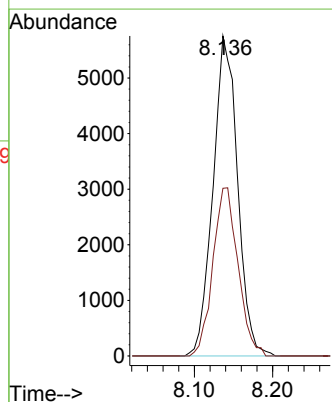
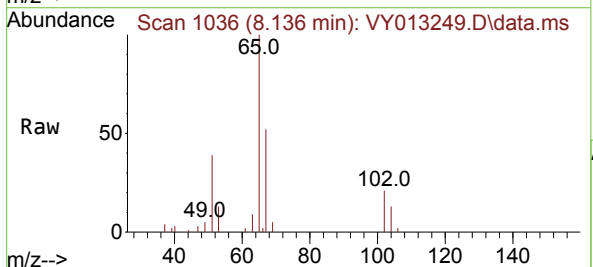
Instrument :
MSVOA_Y
ClientSampleId :
1960-1970

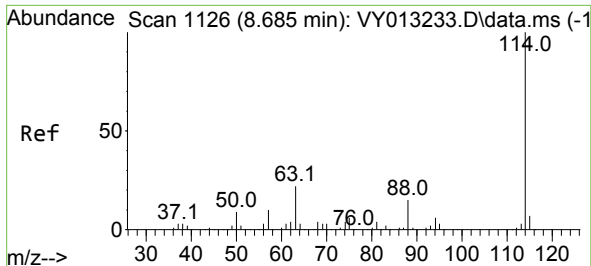
Tgt Ion: 56 Resp: 485
Ion Ratio Lower Upper
56 100
69 146.4 25.7 38.5#
84 107.6 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 55.206 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013249.D
Acq: 11 Apr 2023 17:47

Tgt Ion: 65 Resp: 12564
Ion Ratio Lower Upper
65 100
67 53.6 0.0 104.0

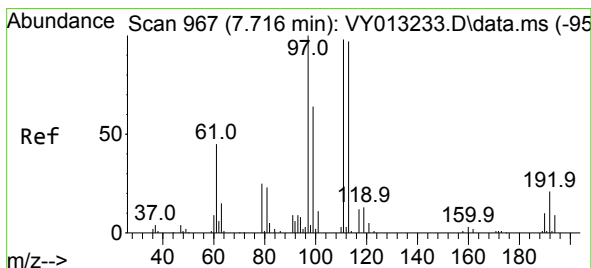
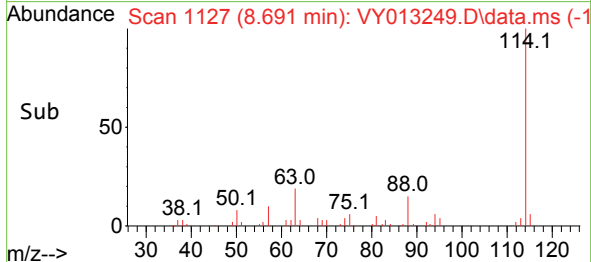
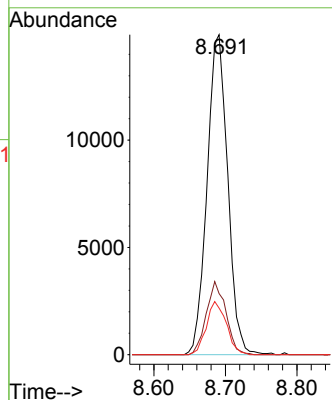
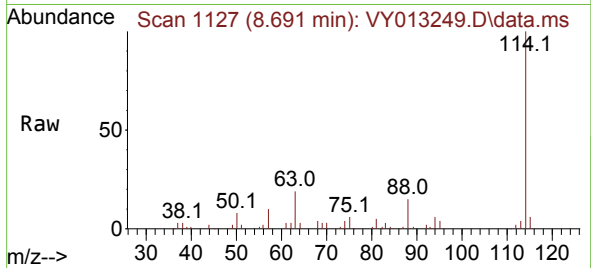




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY013249.D
Acq: 11 Apr 2023 17:47

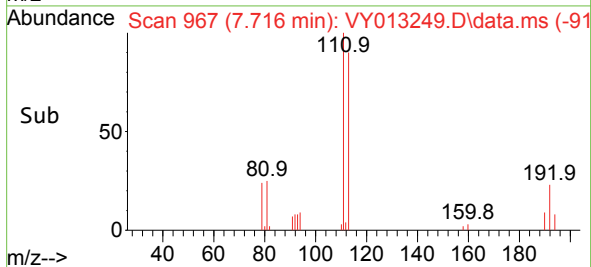
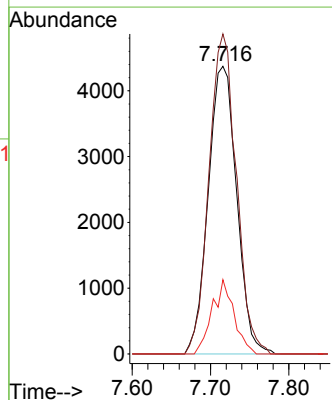
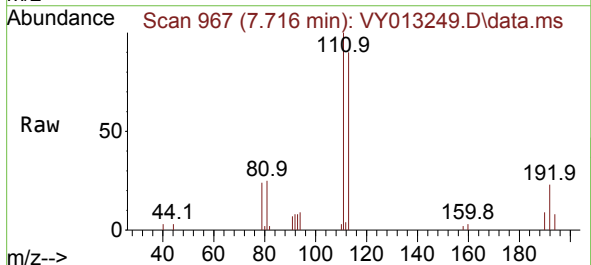
Instrument :
MSVOA_Y
ClientSampleId :
1960-1970

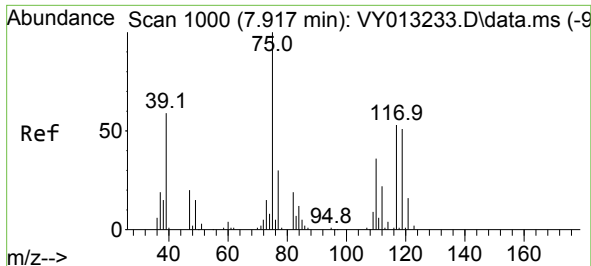
Tgt Ion:114 Resp: 29930
Ion Ratio Lower Upper
114 100
63 19.1 0.0 37.4
88 14.5 0.0 28.6



#35
Dibromofluoromethane
Concen: 61.769 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013249.D
Acq: 11 Apr 2023 17:47

Tgt Ion:113 Resp: 11051
Ion Ratio Lower Upper
113 100
111 106.8 82.2 123.2
192 19.8 16.8 25.2





#36

1,1-Dichloropropene

Concen: 7.047 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY013249.D

Acq: 11 Apr 2023 17:47

Instrument :

MSVOA_Y

ClientSampleId :

1960-1970

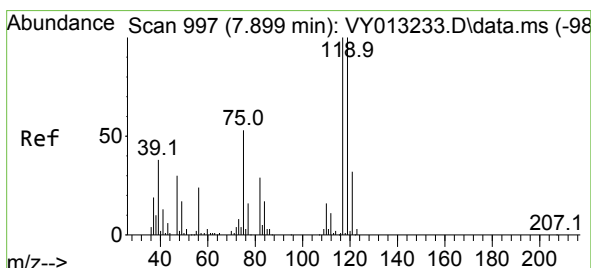
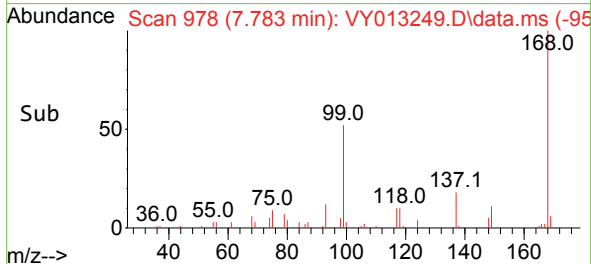
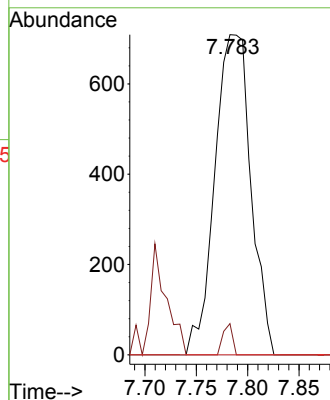
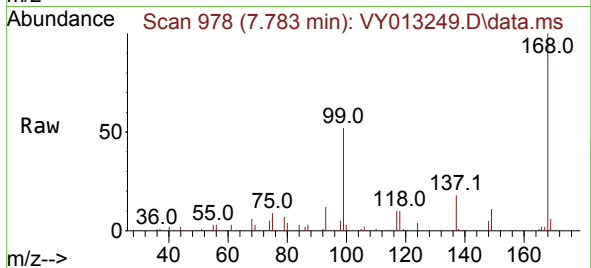
Tgt Ion: 75 Resp: 1734

Ion Ratio Lower Upper

75 100

110 2.5 17.8 53.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.737 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY013249.D

Acq: 11 Apr 2023 17:47

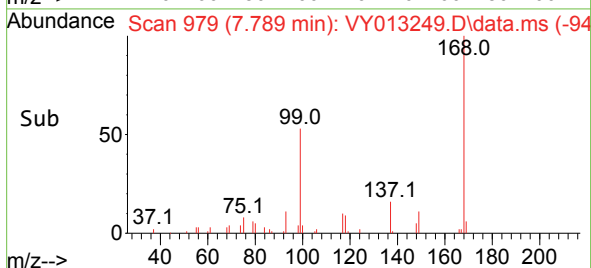
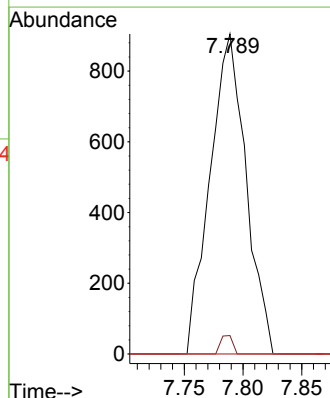
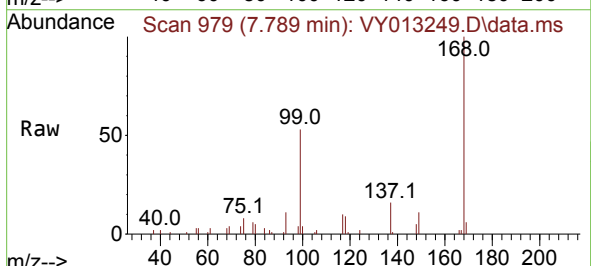
Tgt Ion: 117 Resp: 1930

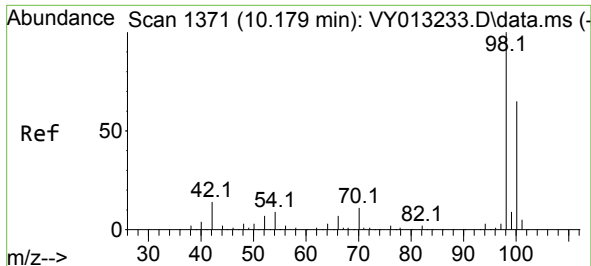
Ion Ratio Lower Upper

117 100

119 5.7 77.2 115.8#

121 0.0 24.7 37.1#

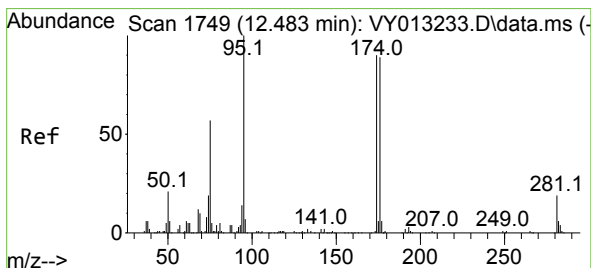
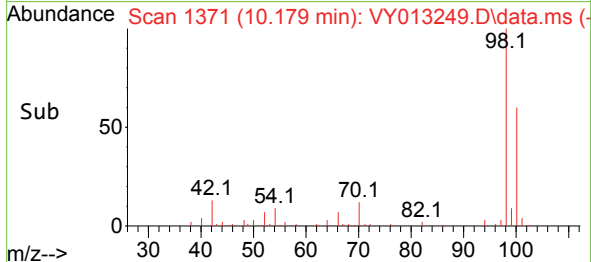
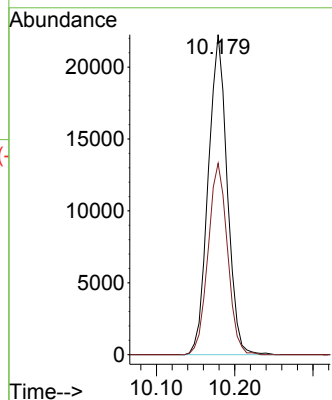
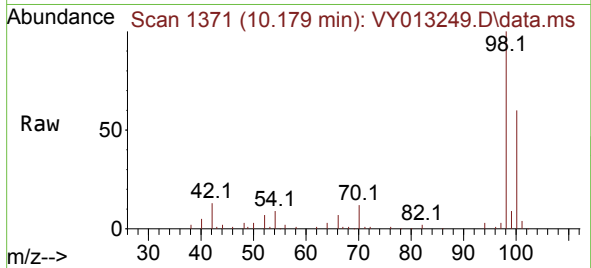




#50
Toluene-d8
Concen: 59.630 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013249.D
Acq: 11 Apr 2023 17:47

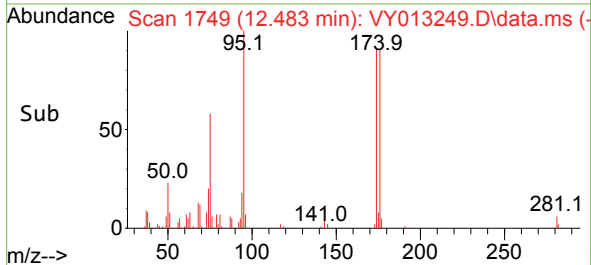
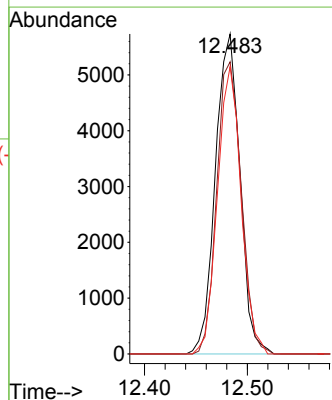
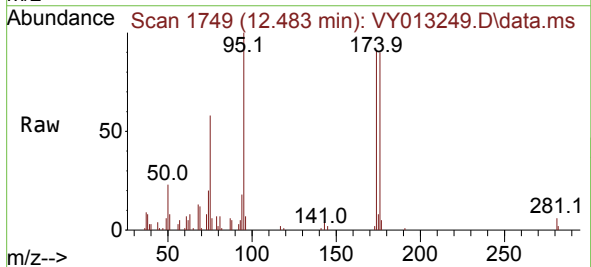
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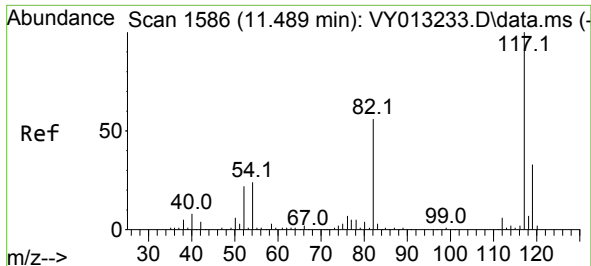
Tgt Ion: 98 Resp: 37351
Ion Ratio Lower Upper
98 100
100 61.0 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 42.544 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013249.D
Acq: 11 Apr 2023 17:47

Tgt Ion: 95 Resp: 9516
Ion Ratio Lower Upper
95 100
174 91.1 0.0 176.6
176 86.3 0.0 170.2

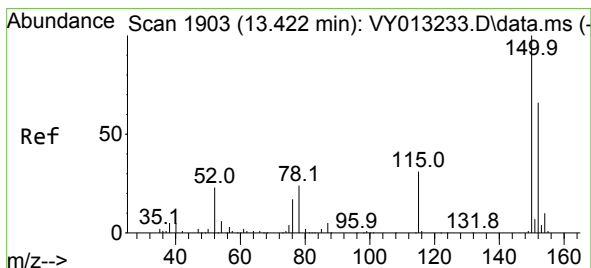
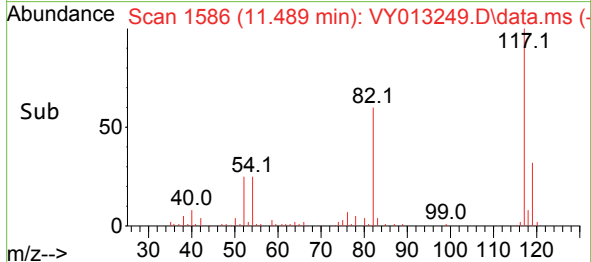
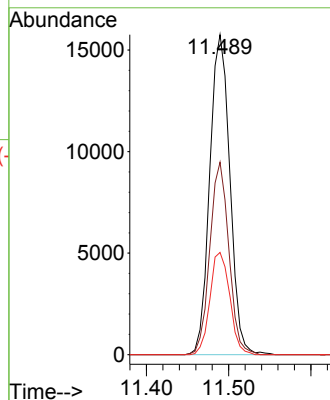
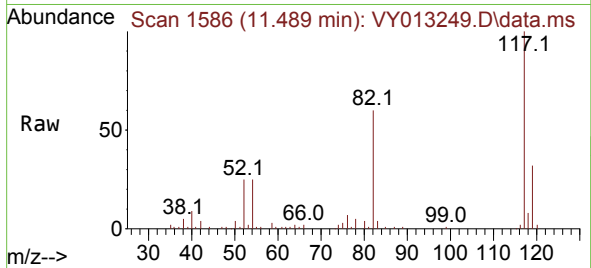




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013249.D
Acq: 11 Apr 2023 17:47

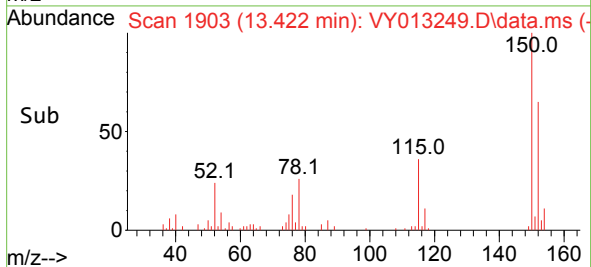
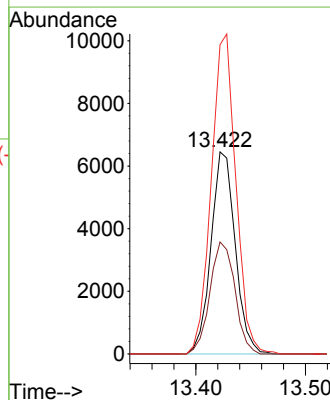
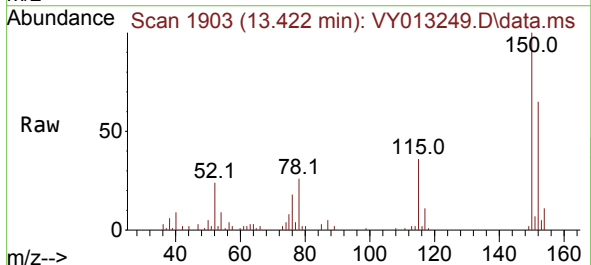
Instrument :
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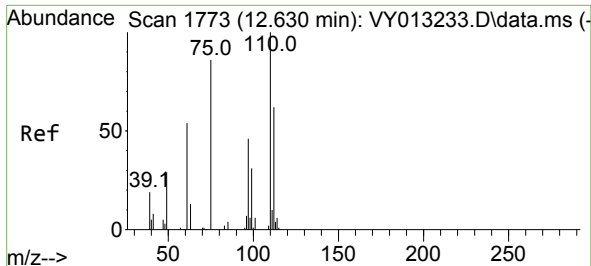
Tgt Ion:117 Resp: 26789
Ion Ratio Lower Upper
117 100
82 60.2 45.4 68.0
119 31.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY013249.D
Acq: 11 Apr 2023 17:47

Tgt Ion:152 Resp: 9913
Ion Ratio Lower Upper
152 100
115 57.1 27.1 81.3
150 160.3 0.0 347.8

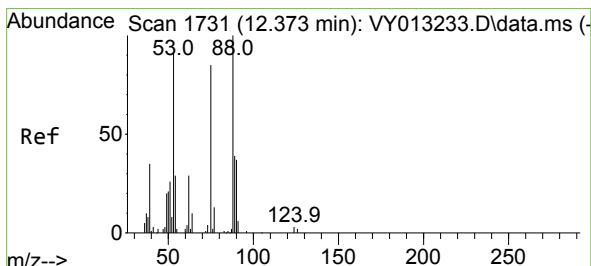
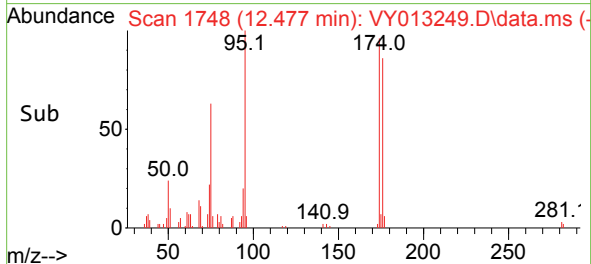
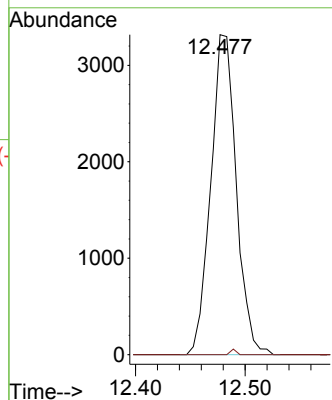
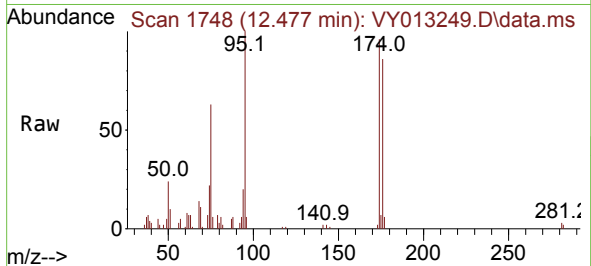




#76
1,2,3-Trichloropropane
Concen: 44.490 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY013249.D
Acq: 11 Apr 2023 17:47

Instrument :
MSVOA_Y
ClientSampleId :
1960-1970

Tgt Ion: 75 Resp: 5368
Ion Ratio Lower Upper
75 100
77 0.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.748 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY013249.D
Acq: 11 Apr 2023 17:47

Tgt Ion: 75 Resp: 5368
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.0 36.6 55.0#

