

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051523\
 Data File : VY013741.D
 Acq On : 15 May 2023 17:14
 Operator : KP/MD
 Sample : 02750-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PAT-1-051123

Quant Time: May 16 01:33:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

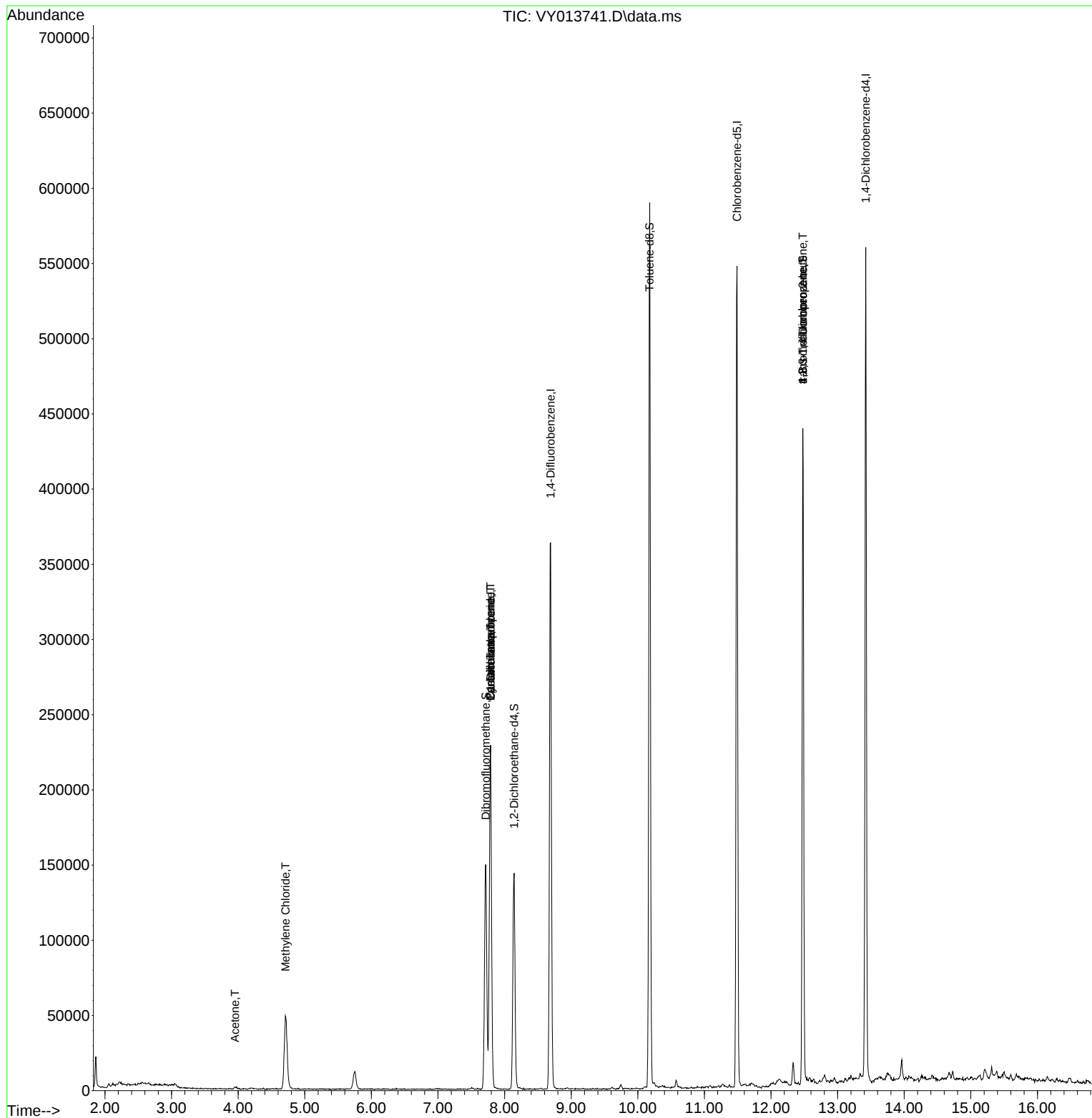
Internal Standards						
1) Pentafluorobenzene	7.789	168	172130	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	298177	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	290714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	131279	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	114202	60.523	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.040%	
35) Dibromofluoromethane	7.716	113	103289	55.076	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.160%	
50) Toluene-d8	10.179	98	370288	55.502	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.000%	
62) 4-Bromofluorobenzene	12.477	95	126224	56.121	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 112.240%	
Target Compounds						
					Qvalue	
13) Acrolein	3.741	56	48	Below Cal	#	16
16) Acetone	3.954	43	2718	3.658	ug/l	90
20) Methylene Chloride	4.710	84	34162	7.856	ug/l	91
31) Cyclohexane	7.789	56	4477	1.325	ug/l #	14
36) 1,1-Dichloropropene	7.789	75	14083	4.525	ug/l #	49
38) Carbon Tetrachloride	7.789	117	17762	5.445	ug/l #	14
76) 1,2,3-Trichloropropane	12.477	75	67273	37.998	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	67273	77.726	ug/l #	13

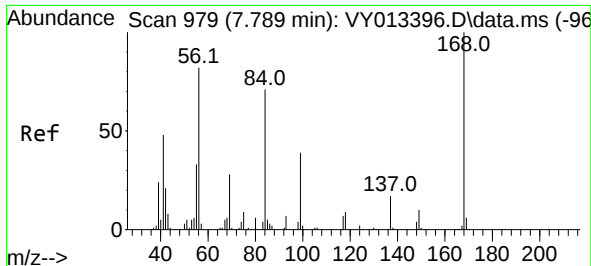
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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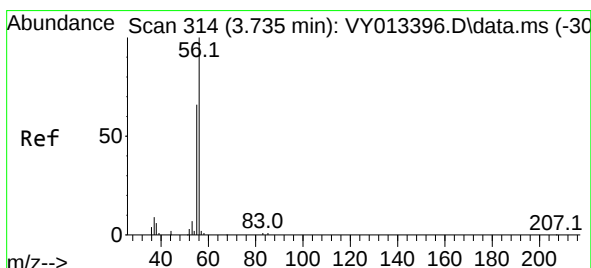
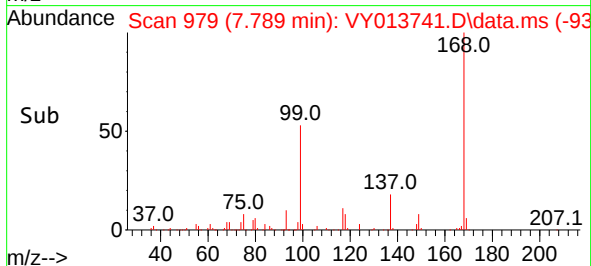
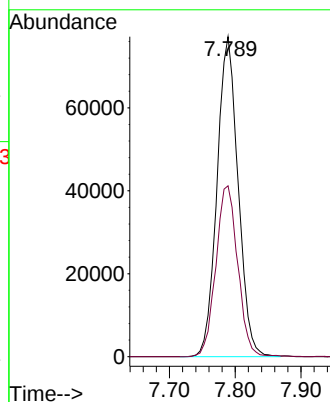
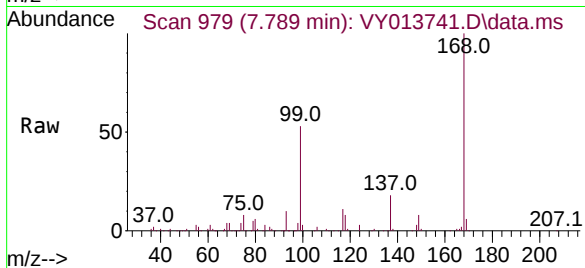




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013741.D
Acq: 15 May 2023 17:14

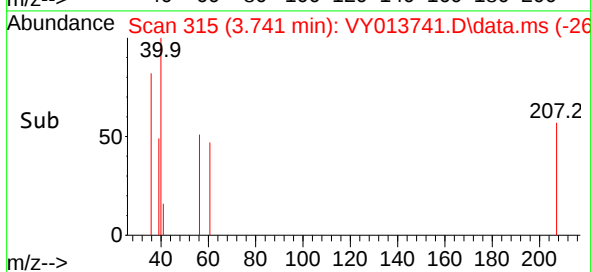
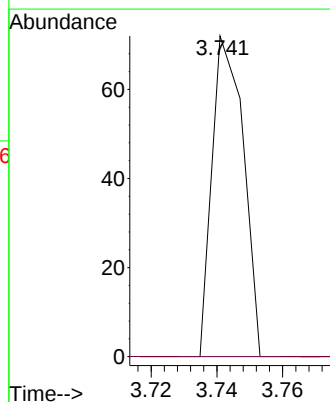
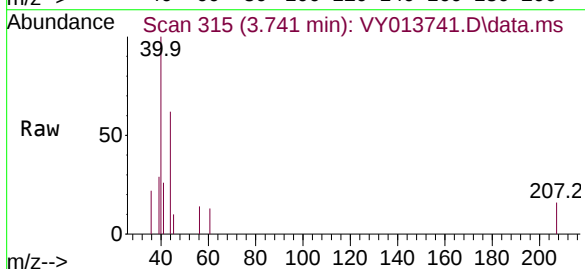
Instrument :
MSVOA_Y
ClientSampleId :
PAT-1-051123

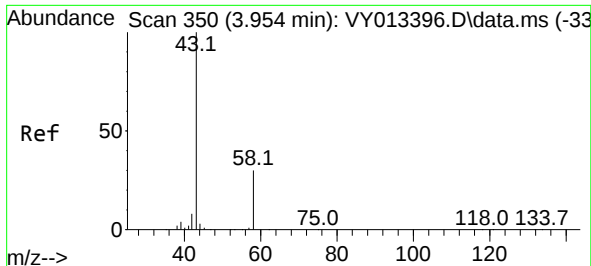
Tgt Ion:168 Resp: 172130
Ion Ratio Lower Upper
168 100
99 53.4 41.8 62.6



#13
Acrolein
Concen: Below Cal
RT: 3.741 min Scan# 315
Delta R.T. 0.012 min
Lab File: VY013741.D
Acq: 15 May 2023 17:14

Tgt Ion: 56 Resp: 48
Ion Ratio Lower Upper
56 100
55 0.0 54.1 81.1#





#16

Acetone

Concen: 3.658 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.006 min

Lab File: VY013741.D

Acq: 15 May 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

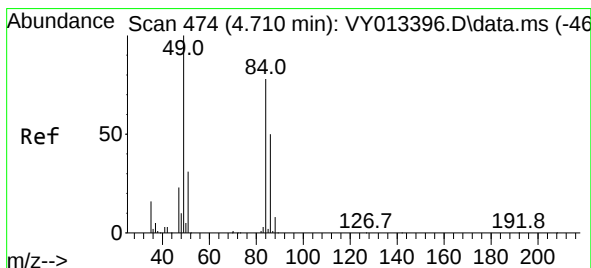
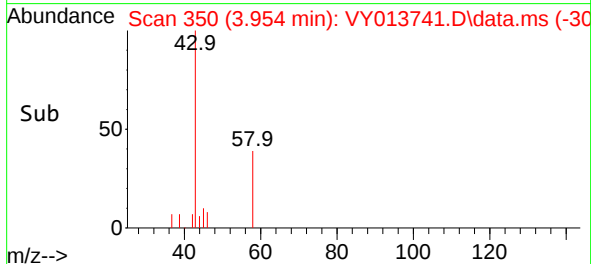
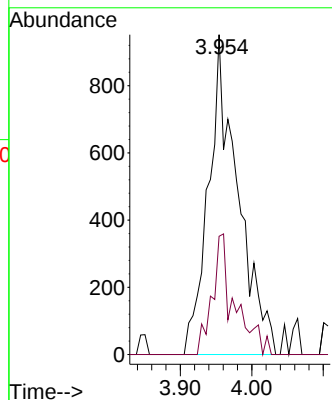
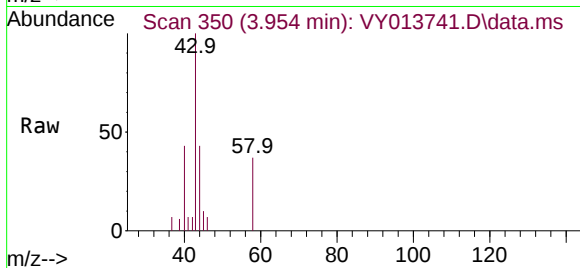
PAT-1-051123

Tgt Ion: 43 Resp: 2718

Ion Ratio Lower Upper

43 100

58 37.0 25.4 38.0



#20

Methylene Chloride

Concen: 7.856 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY013741.D

Acq: 15 May 2023 17:14

Tgt Ion: 84 Resp: 34162

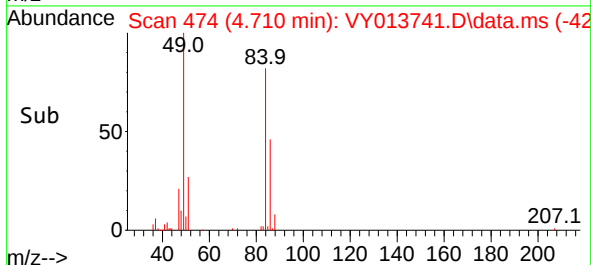
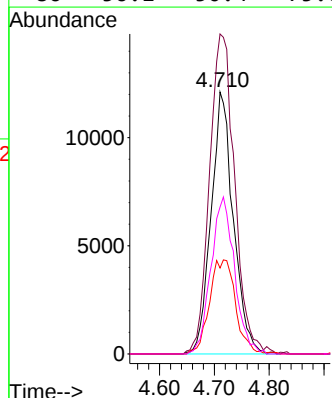
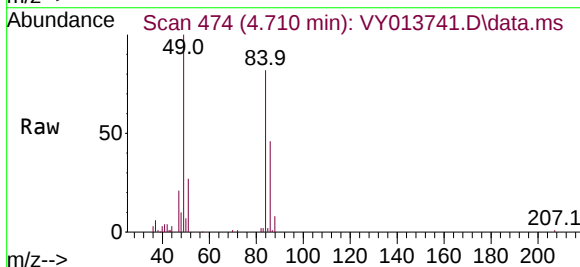
Ion Ratio Lower Upper

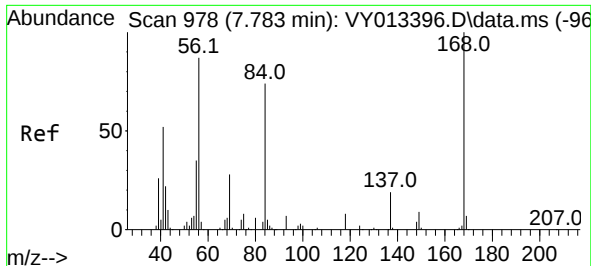
84 100

49 122.2 88.0 132.0

51 32.8 27.4 41.0

86 56.1 50.4 75.6

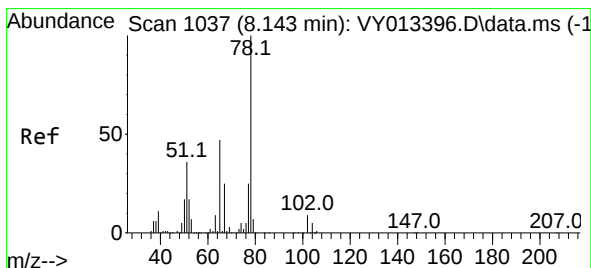
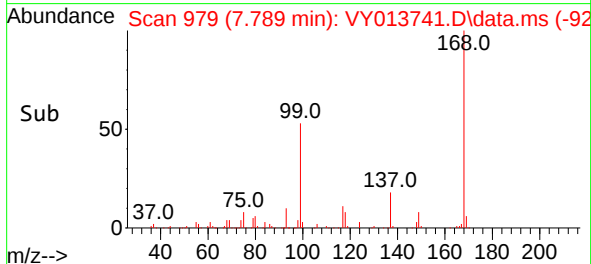
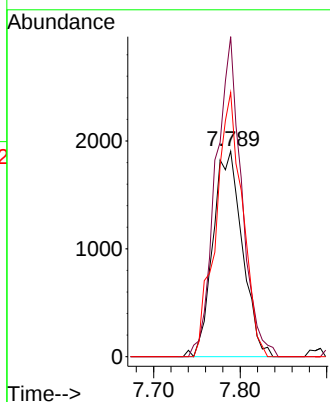
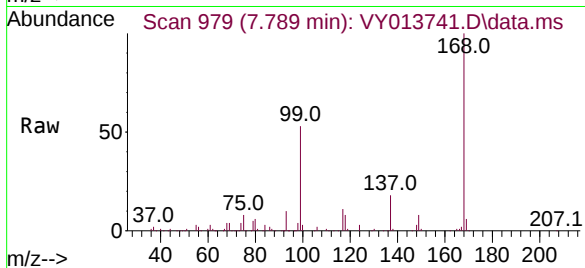




#31
Cyclohexane
Concen: 1.325 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013741.D
Acq: 15 May 2023 17:14

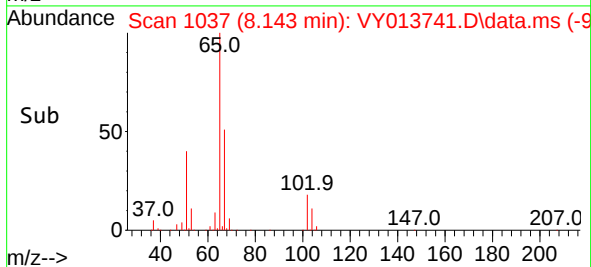
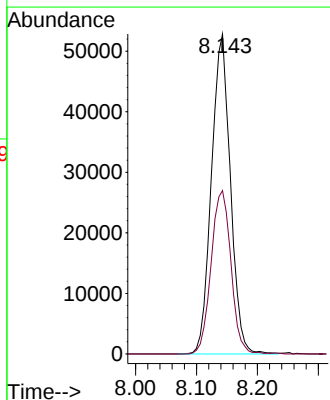
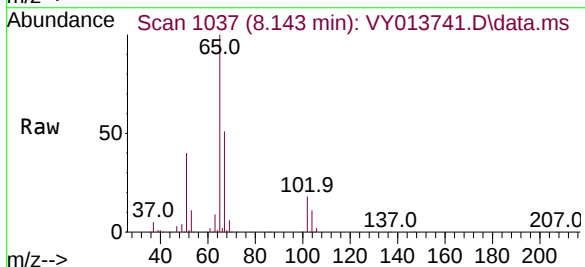
Instrument :
MSVOA_Y
ClientSampleId :
PAT-1-051123

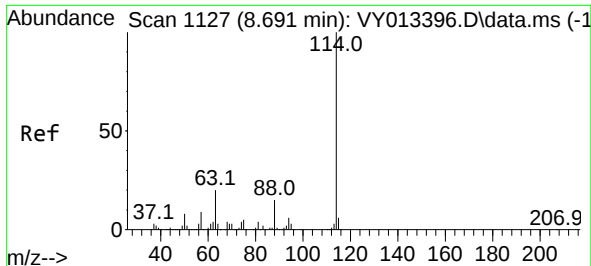
Tgt Ion: 56 Resp: 4477
Ion Ratio Lower Upper
56 100
69 155.7 29.2 43.8#
84 128.6 73.0 109.6#



#33
1,2-Dichloroethane-d4
Concen: 60.523 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY013741.D
Acq: 15 May 2023 17:14

Tgt Ion: 65 Resp: 114202
Ion Ratio Lower Upper
65 100
67 53.4 0.0 103.4

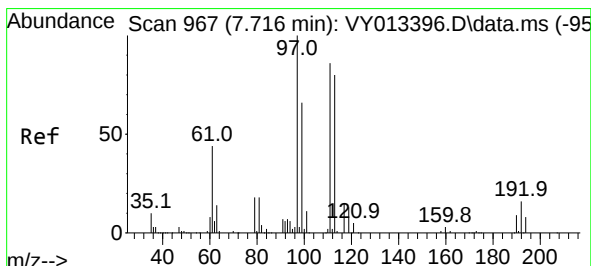
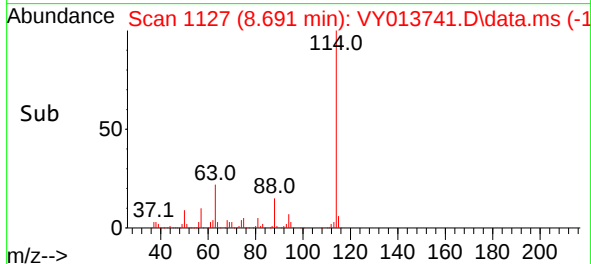
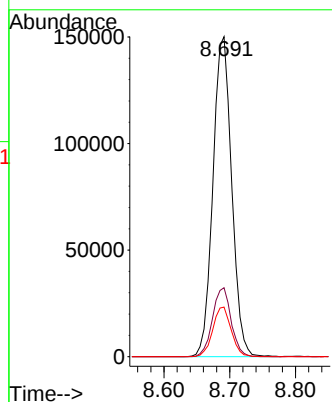
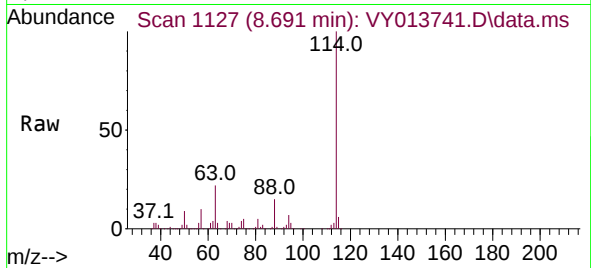




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY013741.D
Acq: 15 May 2023 17:14

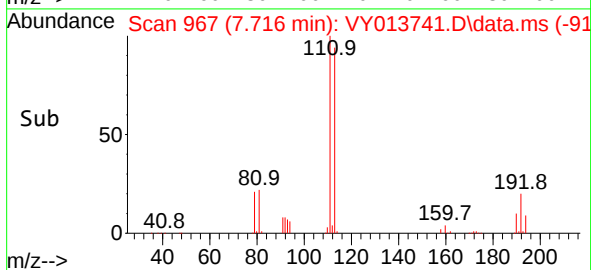
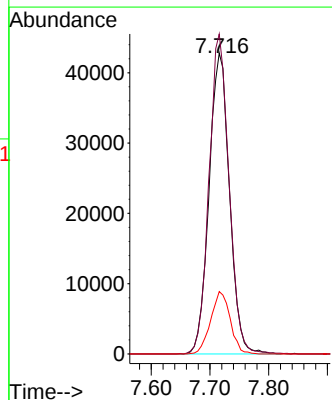
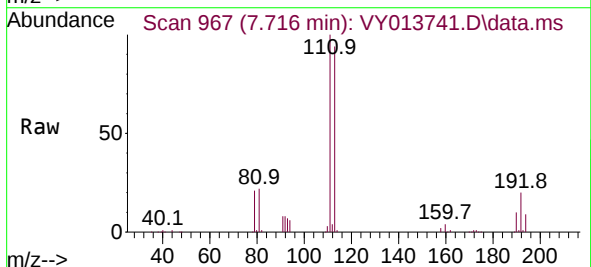
Instrument :
MSVOA_Y
ClientSampleId :
PAT-1-051123

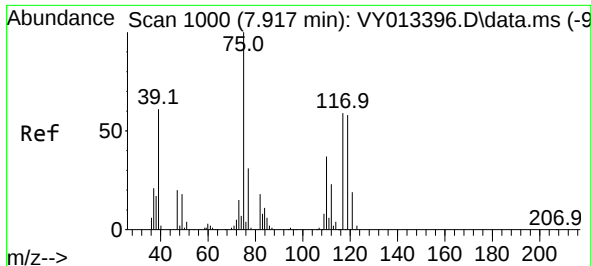
Tgt Ion:114 Resp: 298177
Ion Ratio Lower Upper
114 100
63 21.5 0.0 36.6
88 15.5 0.0 28.8



#35
Dibromofluoromethane
Concen: 55.076 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013741.D
Acq: 15 May 2023 17:14

Tgt Ion:113 Resp: 103289
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.2
192 19.8 16.7 25.1





#36

1,1-Dichloropropene

Concen: 4.525 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY013741.D

Acq: 15 May 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

PAT-1-051123

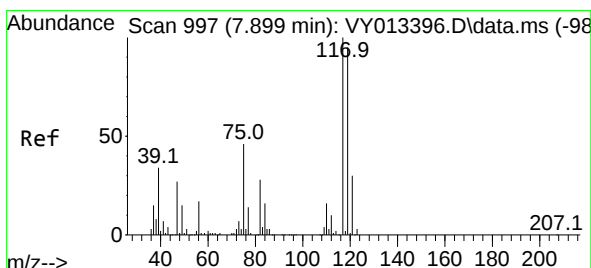
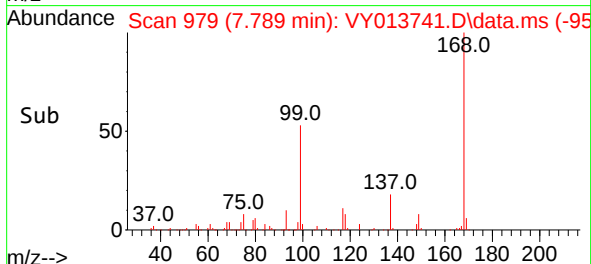
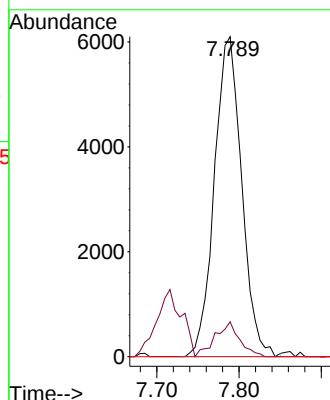
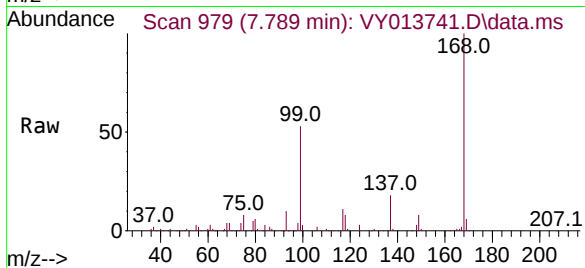
Tgt Ion: 75 Resp: 14083

Ion Ratio Lower Upper

75 100

110 9.4 18.7 56.1#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.445 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY013741.D

Acq: 15 May 2023 17:14

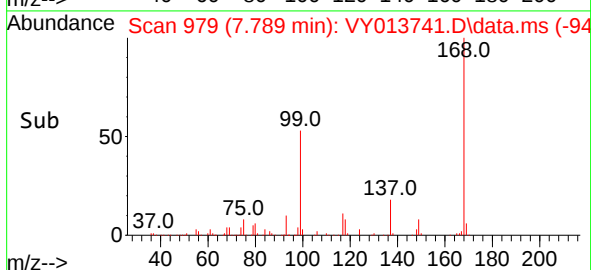
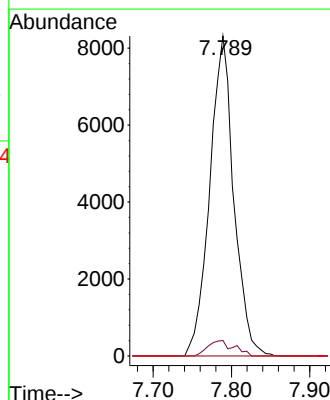
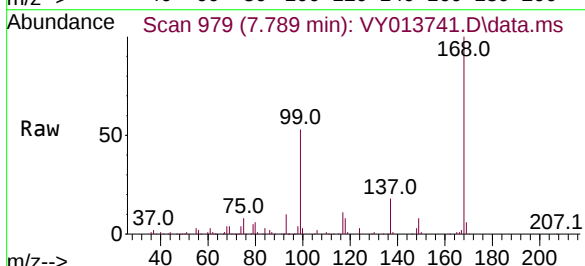
Tgt Ion: 117 Resp: 17762

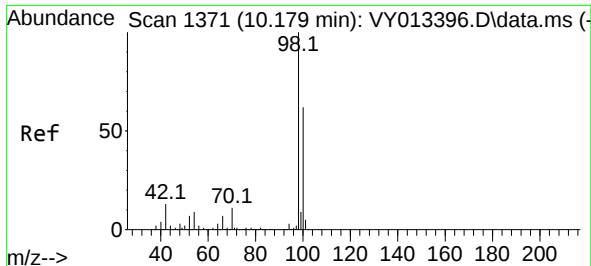
Ion Ratio Lower Upper

117 100

119 4.8 79.0 118.6#

121 0.0 26.6 40.0#

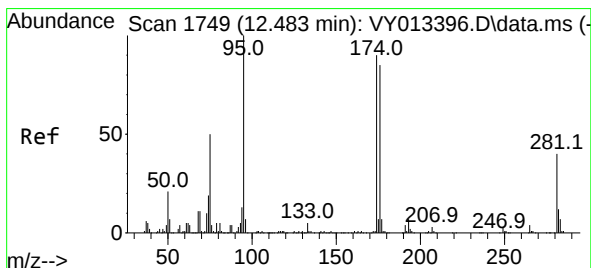
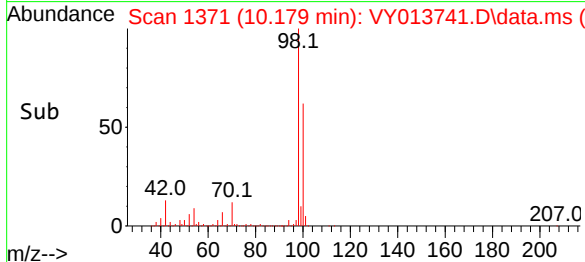
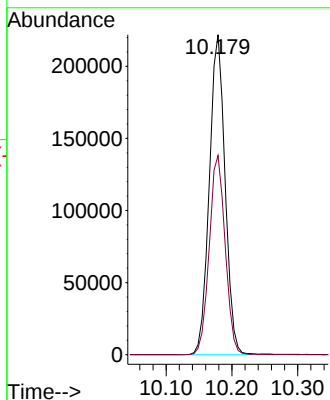
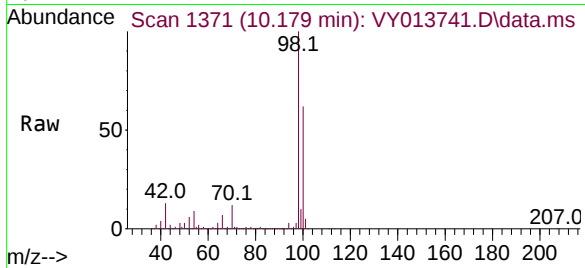




#50
Toluene-d8
Concen: 55.502 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013741.D
Acq: 15 May 2023 17:14

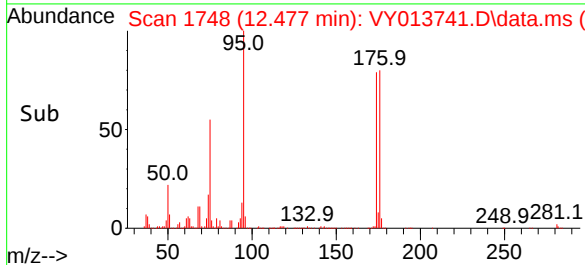
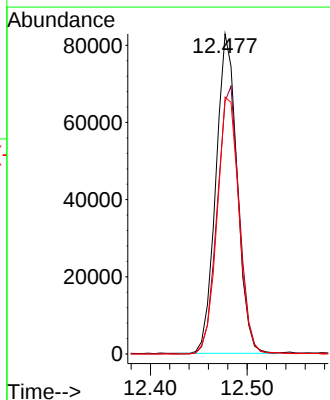
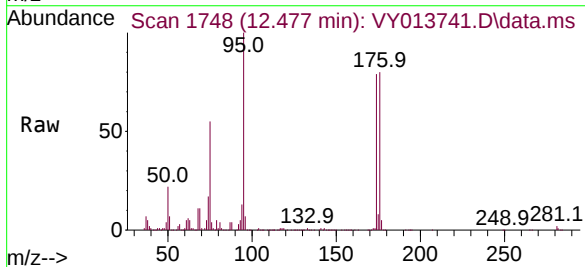
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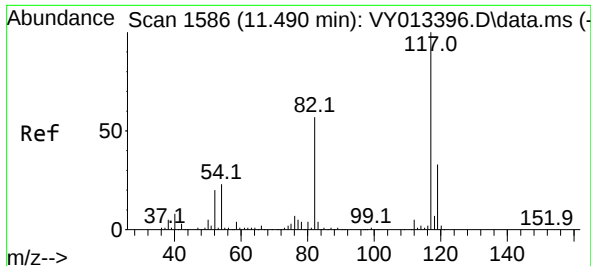
Tgt Ion: 98 Resp: 370288
Ion Ratio Lower Upper
98 100
100 62.9 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 56.121 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013741.D
Acq: 15 May 2023 17:14

Tgt Ion: 95 Resp: 126224
Ion Ratio Lower Upper
95 100
174 86.4 0.0 182.0
176 82.9 0.0 175.4

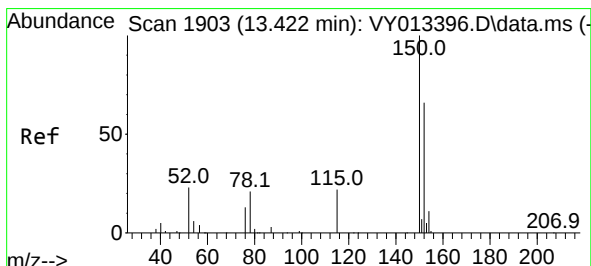
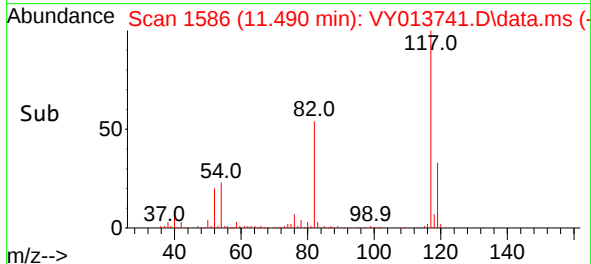
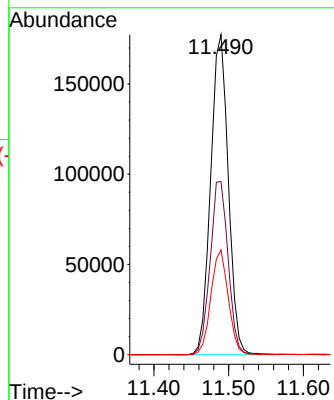
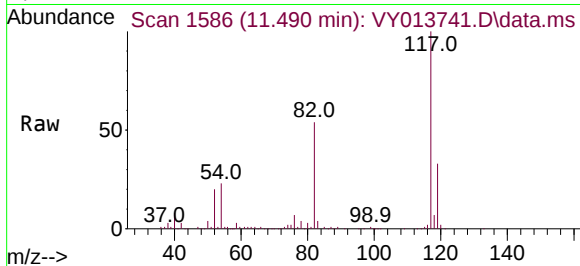




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY013741.D
Acq: 15 May 2023 17:14

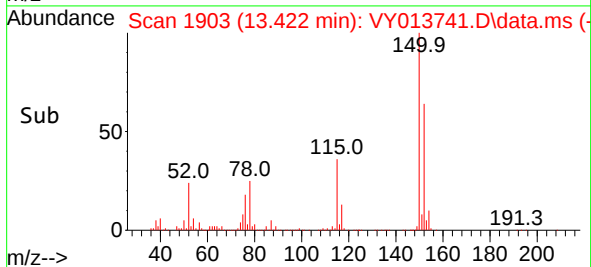
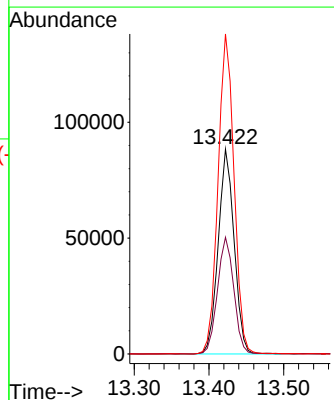
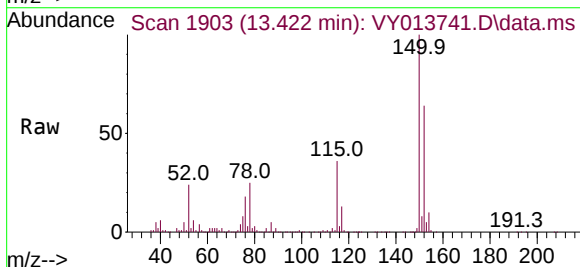
Instrument :
MSVOA_Y
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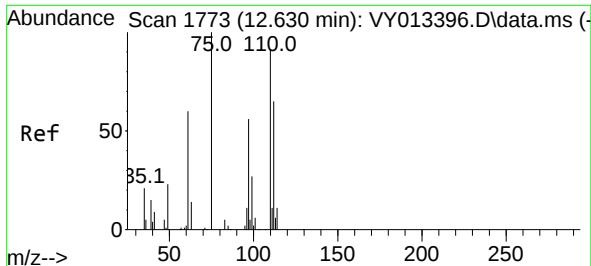
Tgt Ion:117 Resp: 290714
Ion Ratio Lower Upper
117 100
82 54.2 43.0 64.6
119 32.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY013741.D
Acq: 15 May 2023 17:14

Tgt Ion:152 Resp: 131279
Ion Ratio Lower Upper
152 100
115 58.3 28.1 84.2
150 157.1 0.0 352.0

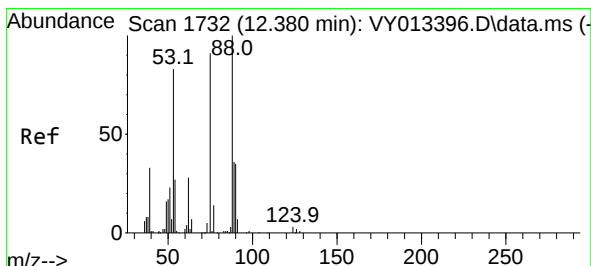
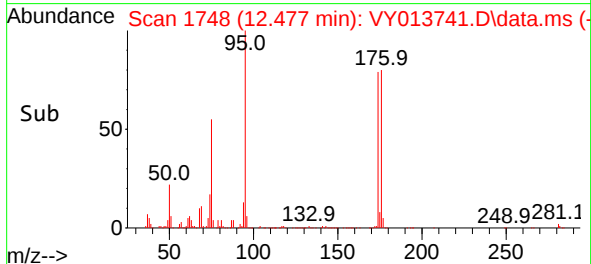
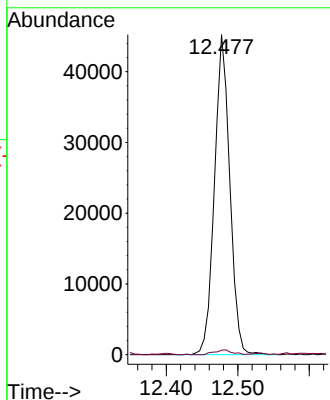
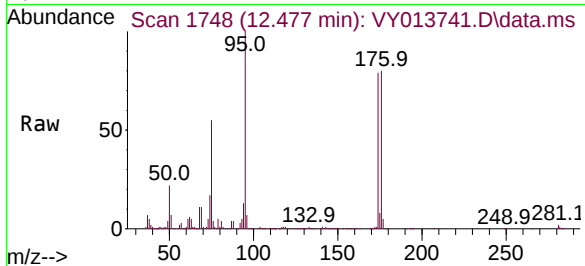




#76
1,2,3-Trichloropropane
Concen: 37.998 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY013741.D
Acq: 15 May 2023 17:14

Instrument :
MSVOA_Y
ClientSampleId :
PAT-1-051123

Tgt Ion: 75 Resp: 67273
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.726 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY013741.D
Acq: 15 May 2023 17:14

Tgt Ion: 75 Resp: 67273
Ion Ratio Lower Upper
75 100
53 0.4 73.2 109.8#
89 0.1 38.0 57.0#

