

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050223\
 Data File : VY013564.D
 Acq On : 02 May 2023 18:07
 Operator : KP/MD
 Sample : 02583-06
 Misc : 10.71g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CF-26

Quant Time: May 03 01:35:04 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)

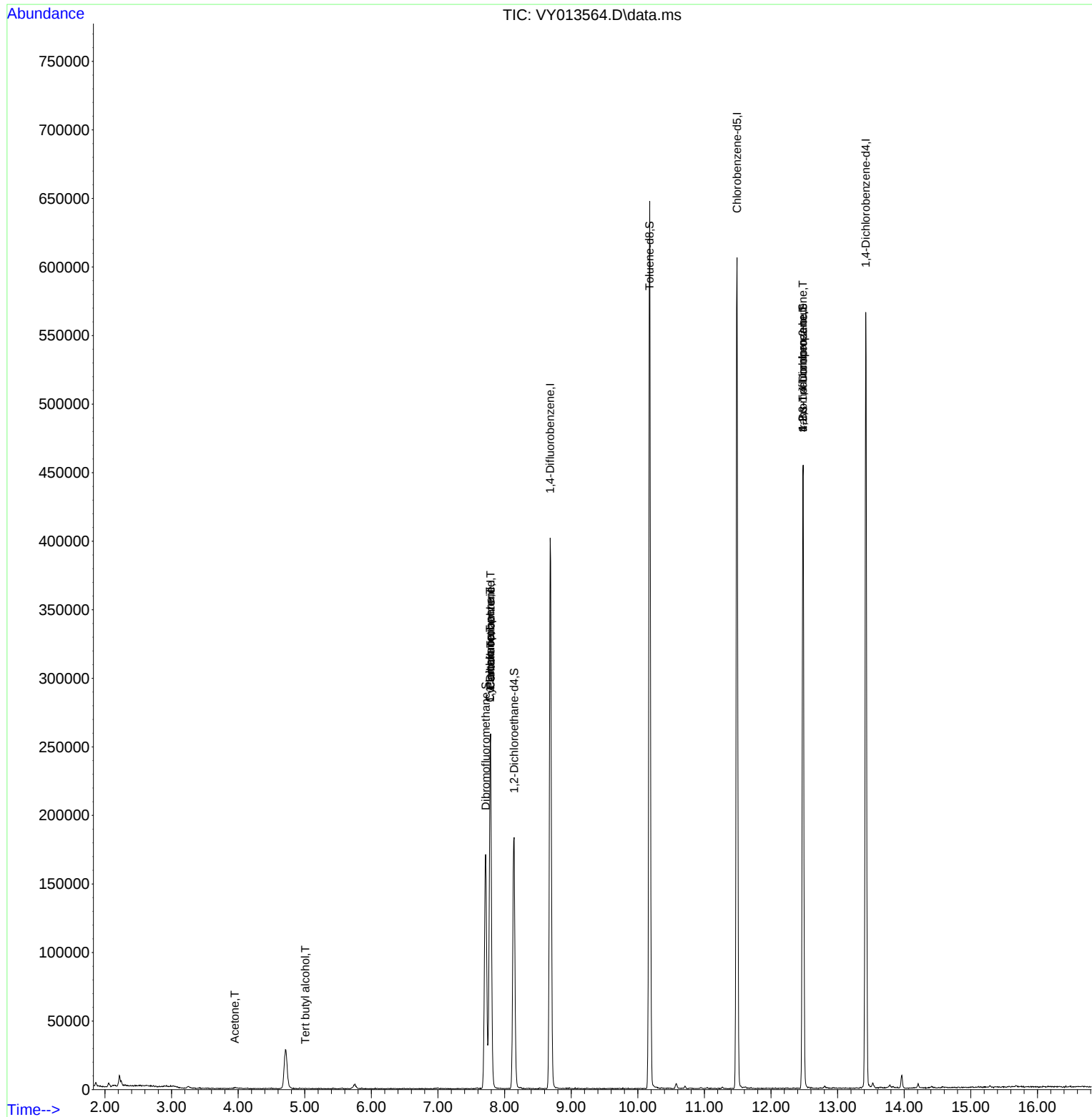
Internal Standards						
1) Pentafluorobenzene	7.789	168	199430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	335632	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	325289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	145209	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	152145	69.594	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 139.180%	
35) Dibromofluoromethane	7.716	113	116944	55.398	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.800%	
50) Toluene-d8	10.179	98	414854	55.243	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.480%	
62) 4-Bromofluorobenzene	12.477	95	131393	51.900	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.800%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.009	59	205	1.480	ug/l #	89
13) Acrolein	3.692	56	19	Below Cal	#	16
16) Acetone	3.948	43	1813	2.106	ug/l #	76
20) Methylene Chloride	4.716	84	21076	Below Cal		88
31) Cyclohexane	7.783	56	4626	1.182	ug/l #	33
36) 1,1-Dichloropropene	7.783	75	15316	4.372	ug/l #	49
38) Carbon Tetrachloride	7.789	117	19840	5.403	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	70276	35.886	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	70276	73.407	ug/l #	13

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

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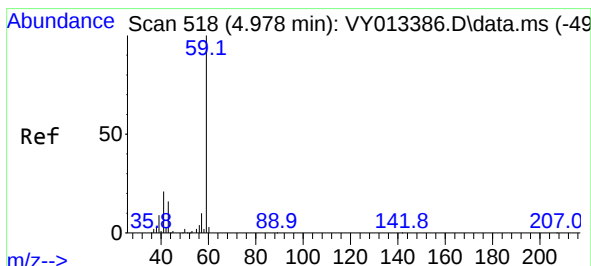
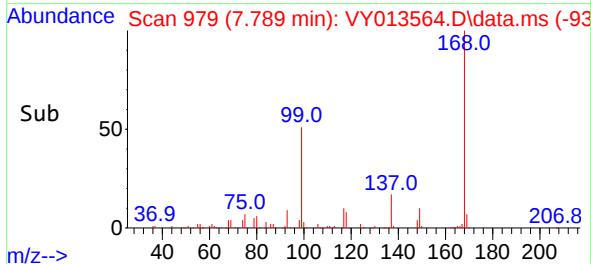
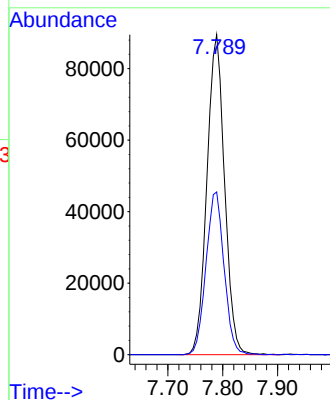
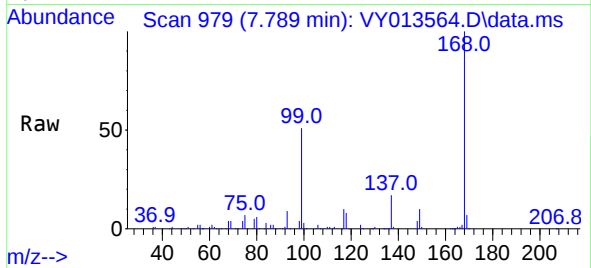




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013564.D
Acq: 02 May 2023 18:07

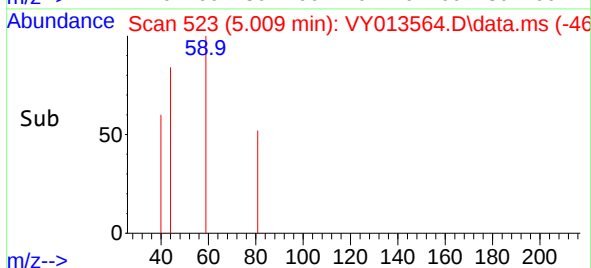
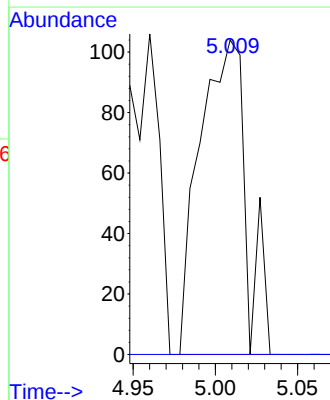
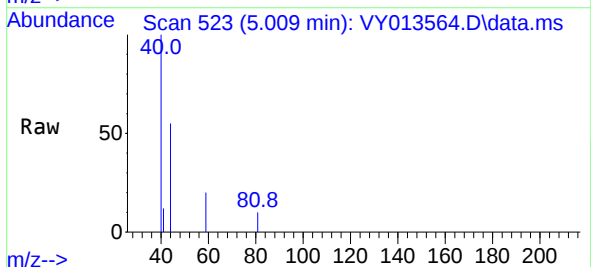
Instrument :
MSVOA_Y
ClientSampleId :
CF-26

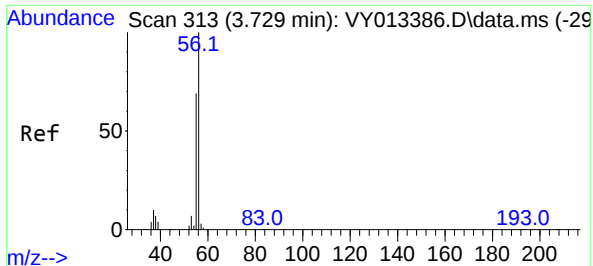
Tgt Ion:168 Resp: 199430
Ion Ratio Lower Upper
168 100
99 50.9 41.8 62.6



#11
Tert butyl alcohol
Concen: 1.480 ug/l
RT: 5.009 min Scan# 523
Delta R.T. 0.031 min
Lab File: VY013564.D
Acq: 02 May 2023 18:07

Tgt Ion: 59 Resp: 205
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

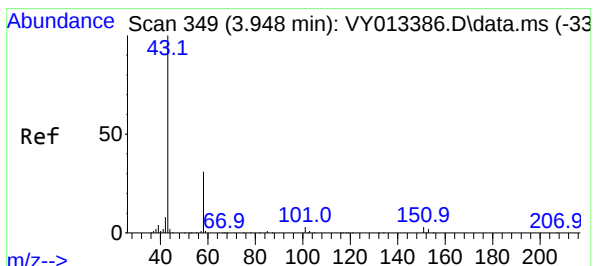
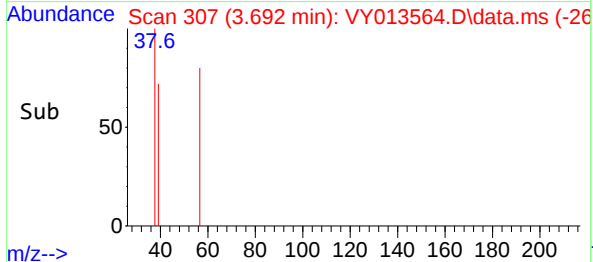
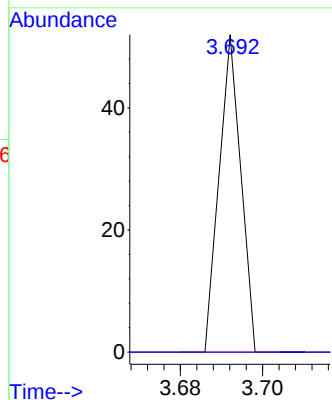
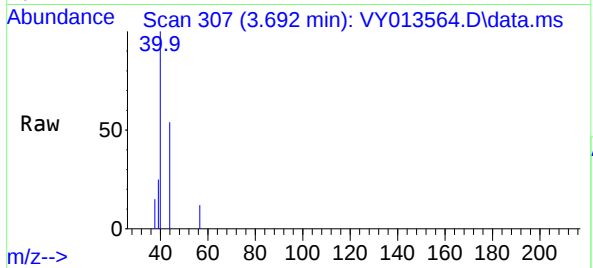




#13
Acrolein
Concen: Below Cal
RT: 3.692 min Scan# 307
Delta R.T. -0.037 min
Lab File: VY013564.D
Acq: 02 May 2023 18:07

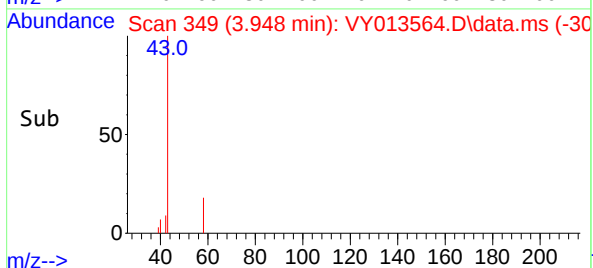
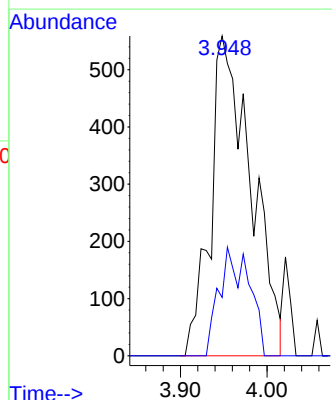
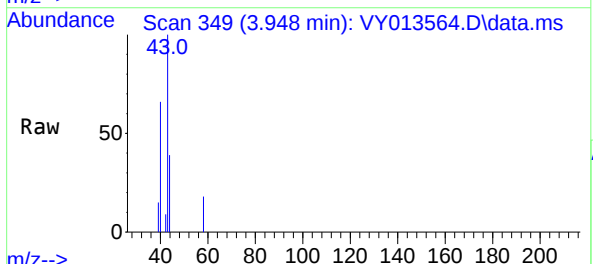
Instrument :
MSVOA_Y
ClientSampleId :
CF-26

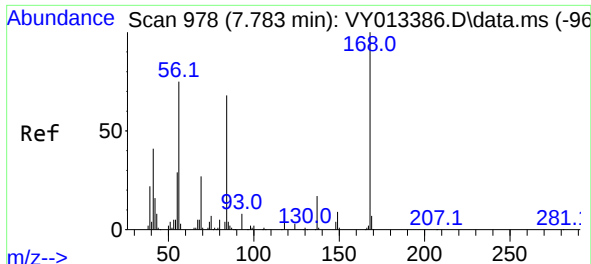
Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 0.0 54.1 81.1#



#16
Acetone
Concen: 2.106 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY013564.D
Acq: 02 May 2023 18:07

Tgt Ion: 43 Resp: 1813
Ion Ratio Lower Upper
43 100
58 18.2 25.4 38.0#

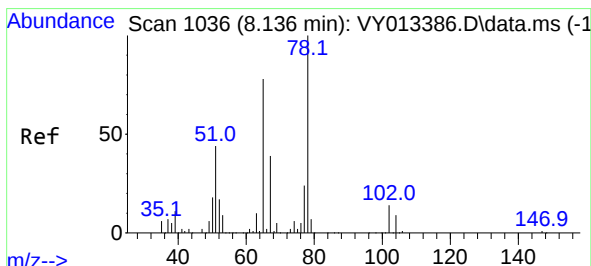
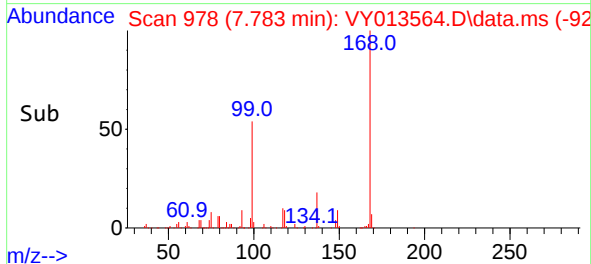
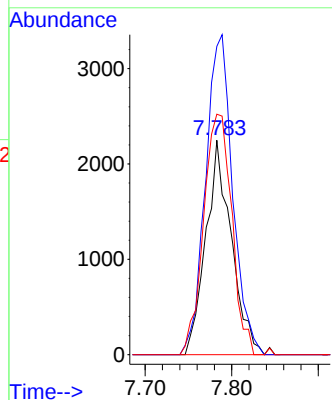
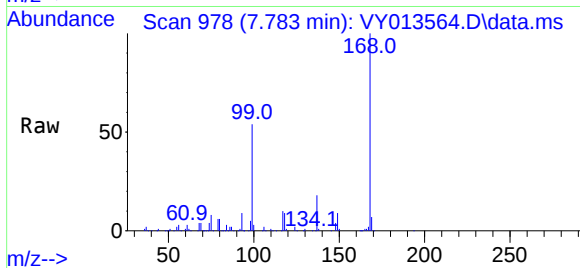




#31
Cyclohexane
Concen: 1.182 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013564.D
Acq: 02 May 2023 18:07

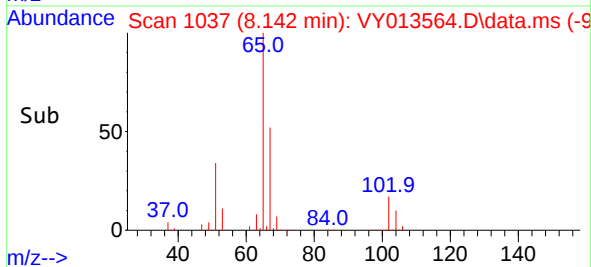
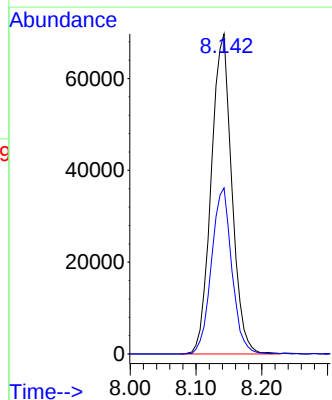
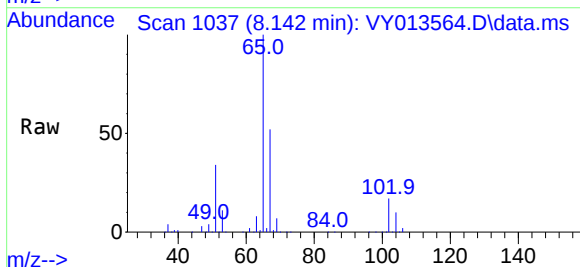
Instrument :
MSVOA_Y
ClientSampleId :
CF-26

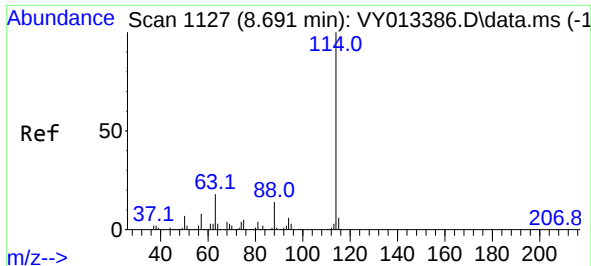
Tgt Ion: 56 Resp: 4626
Ion Ratio Lower Upper
56 100
69 143.8 29.2 43.8#
84 112.2 73.0 109.6#



#33
1,2-Dichloroethane-d4
Concen: 69.594 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY013564.D
Acq: 02 May 2023 18:07

Tgt Ion: 65 Resp: 152145
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013564.D

Acq: 02 May 2023 18:07

Instrument :

MSVOA_Y

ClientSampleId :

CF-26

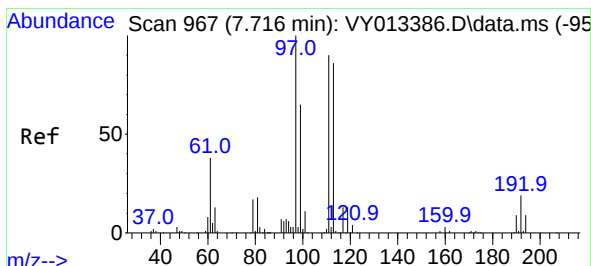
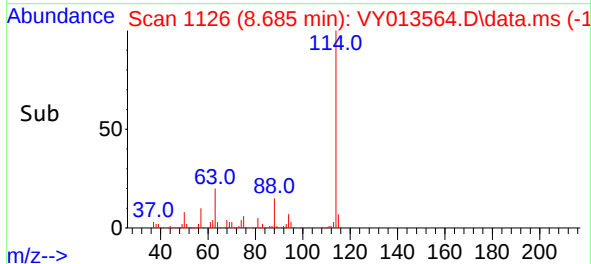
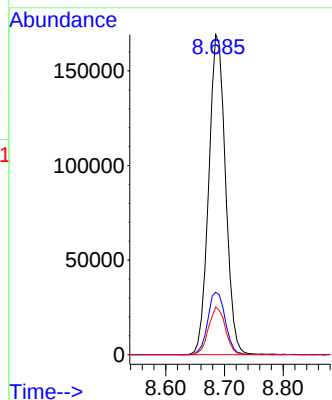
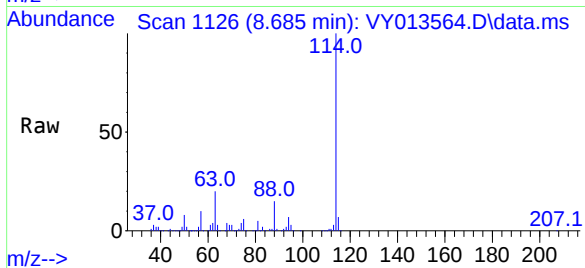
Tgt Ion:114 Resp: 335632

Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.6

88 15.0 0.0 28.8



#35

Dibromofluoromethane

Concen: 55.398 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013564.D

Acq: 02 May 2023 18:07

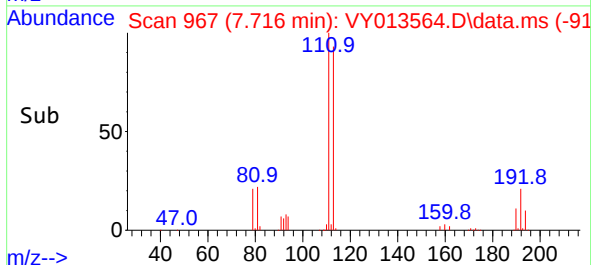
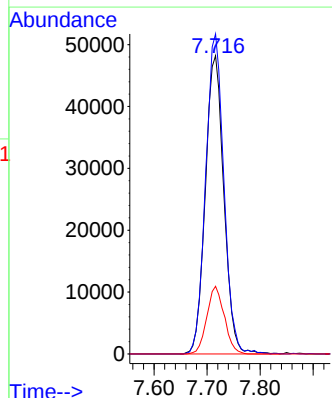
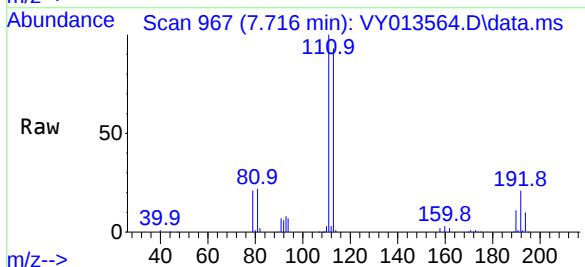
Tgt Ion:113 Resp: 116944

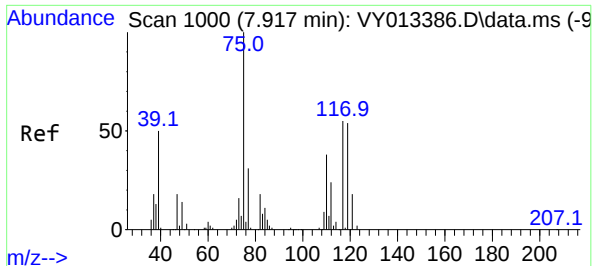
Ion Ratio Lower Upper

113 100

111 105.4 82.2 123.2

192 21.4 16.7 25.1





#36

1,1-Dichloropropene

Concen: 4.372 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY013564.D

Acq: 02 May 2023 18:07

Instrument :

MSVOA_Y

ClientSampleId :

CF-26

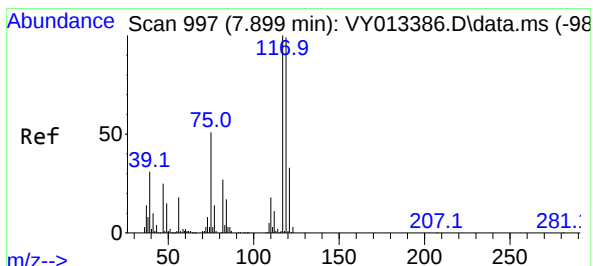
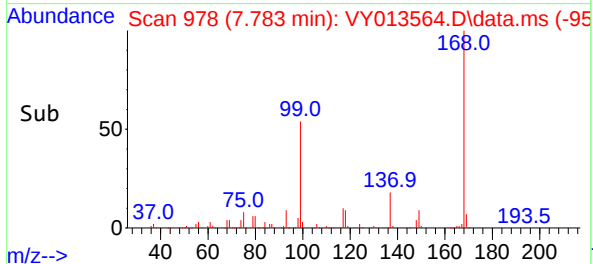
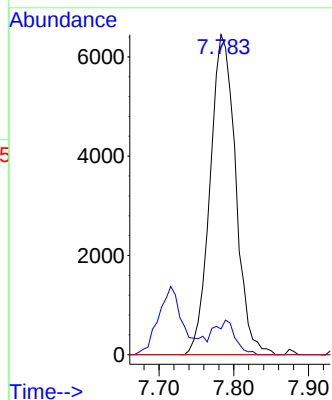
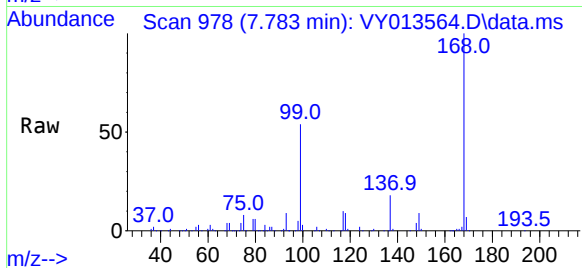
Tgt Ion: 75 Resp: 15316

Ion Ratio Lower Upper

75 100

110 9.0 18.7 56.1#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.403 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY013564.D

Acq: 02 May 2023 18:07

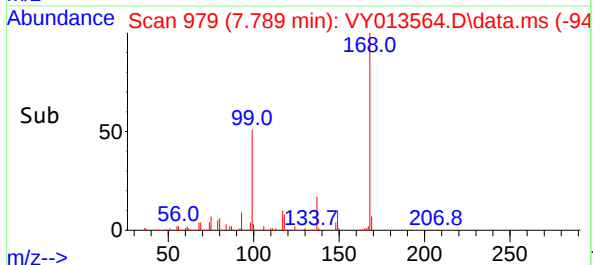
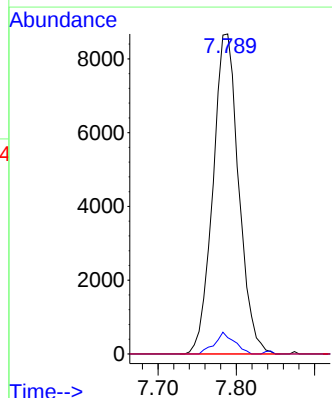
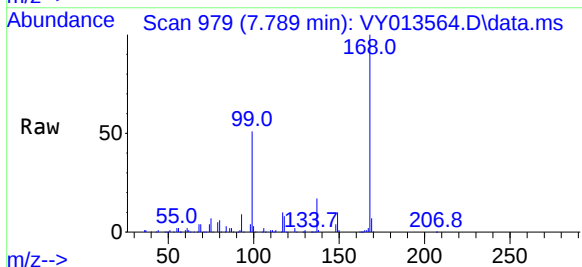
Tgt Ion: 117 Resp: 19840

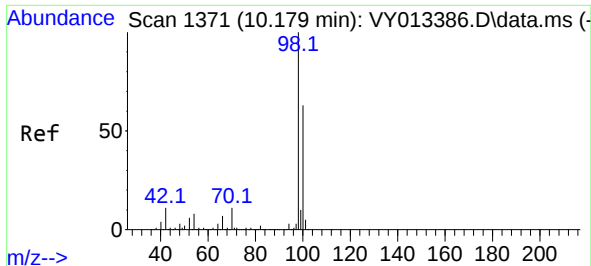
Ion Ratio Lower Upper

117 100

119 5.1 79.0 118.6#

121 0.0 26.6 40.0#

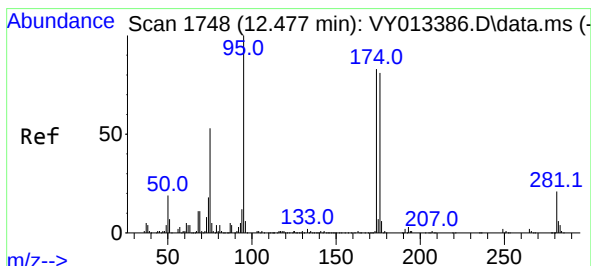
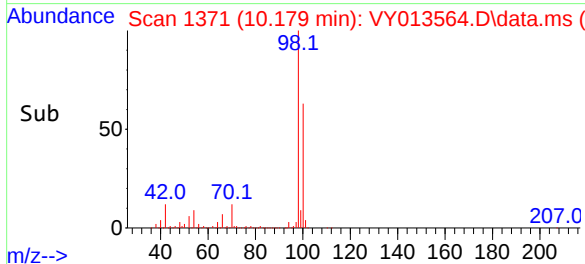
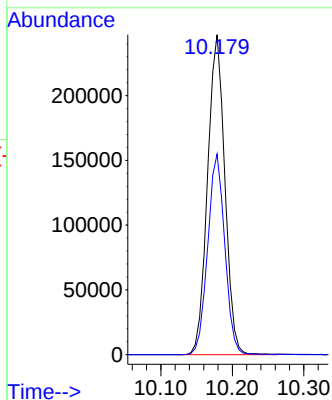
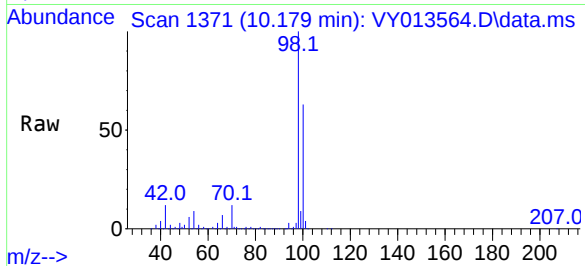




#50
Toluene-d8
Concen: 55.243 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013564.D
Acq: 02 May 2023 18:07

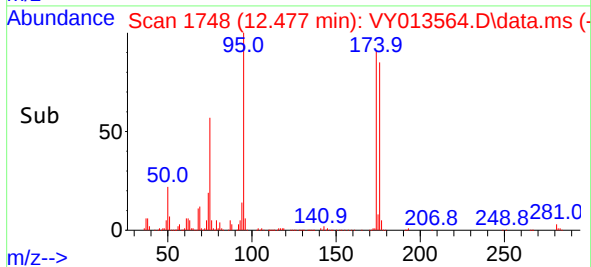
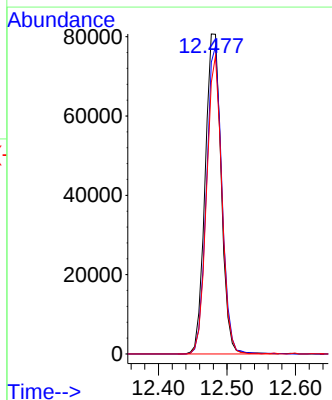
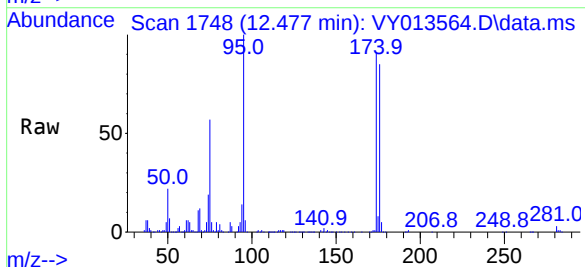
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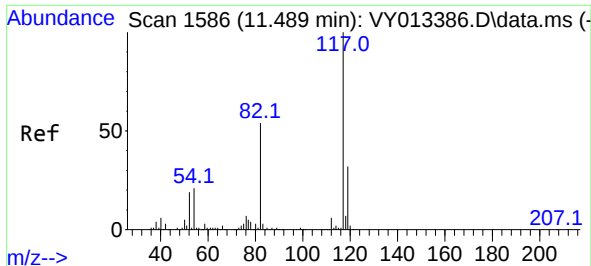
Tgt Ion: 98 Resp: 414854
Ion Ratio Lower Upper
98 100
100 61.9 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 51.900 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013564.D
Acq: 02 May 2023 18:07

Tgt Ion: 95 Resp: 131393
Ion Ratio Lower Upper
95 100
174 92.7 0.0 182.0
176 88.3 0.0 175.4

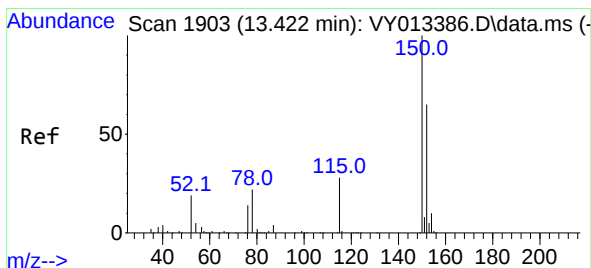
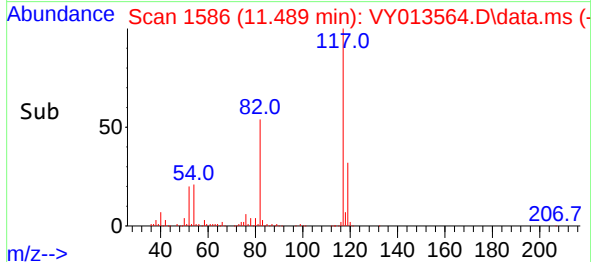
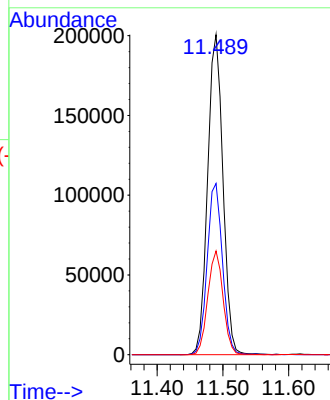
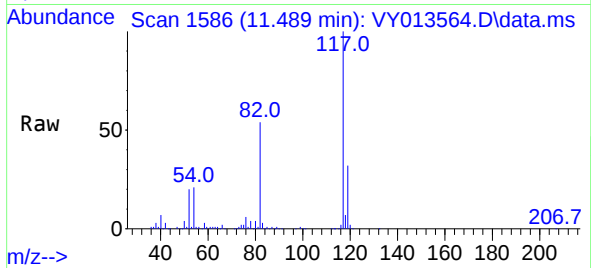




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY013564.D
Acq: 02 May 2023 18:07

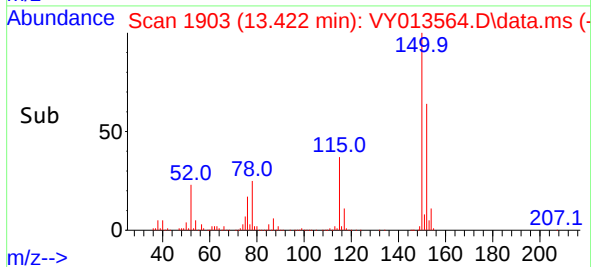
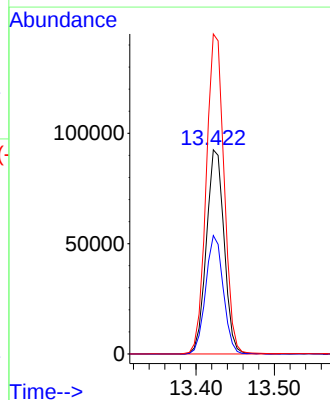
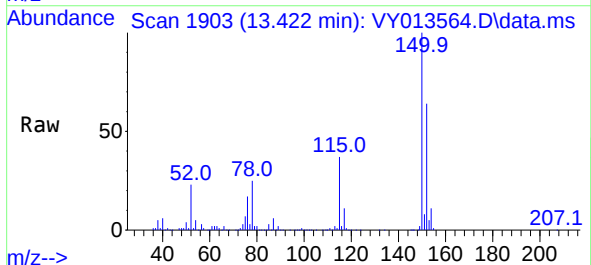
Instrument :
MSVOA_Y
ClientSampleId :
CF-26

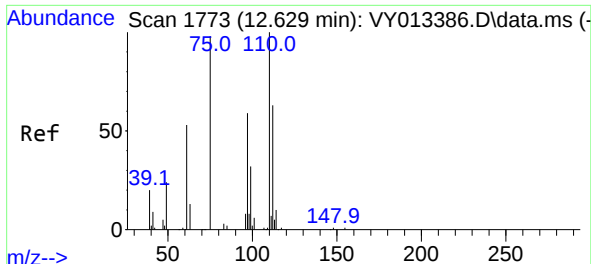
Tgt Ion:117 Resp: 325289
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.6
119 32.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY013564.D
Acq: 02 May 2023 18:07

Tgt Ion:152 Resp: 145209
Ion Ratio Lower Upper
152 100
115 57.6 28.1 84.2
150 157.8 0.0 352.0

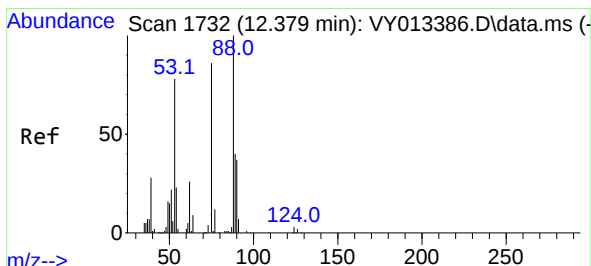
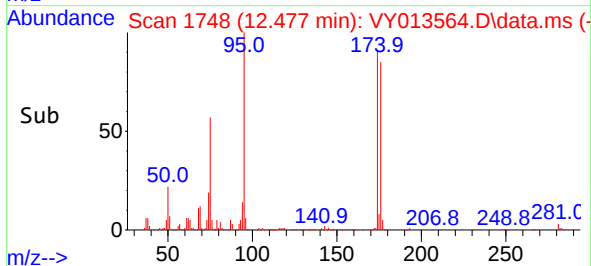
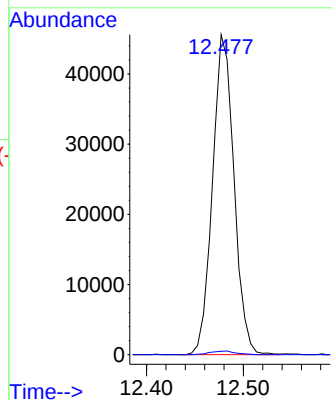
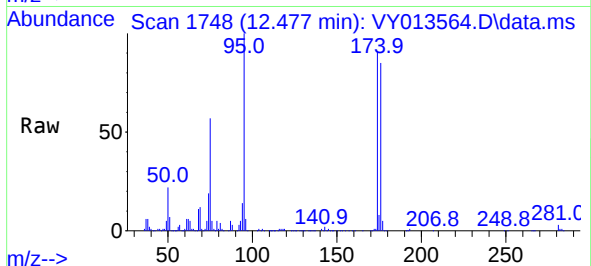




#76
1,2,3-Trichloropropane
Concen: 35.886 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY013564.D
Acq: 02 May 2023 18:07

Instrument :
MSVOA_Y
ClientSampleId :
CF-26

Tgt Ion: 75 Resp: 70276
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.407 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY013564.D
Acq: 02 May 2023 18:07

Tgt Ion: 75 Resp: 70276
Ion Ratio Lower Upper
75 100
53 0.3 73.2 109.8#
89 0.1 38.0 57.0#

