

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050523\
 Data File : VY013625.D
 Acq On : 05 May 2023 15:08
 Operator : KP/MD
 Sample : 02655-02
 Misc : 5.17g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-2

Quant Time: May 08 00:24:33 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)

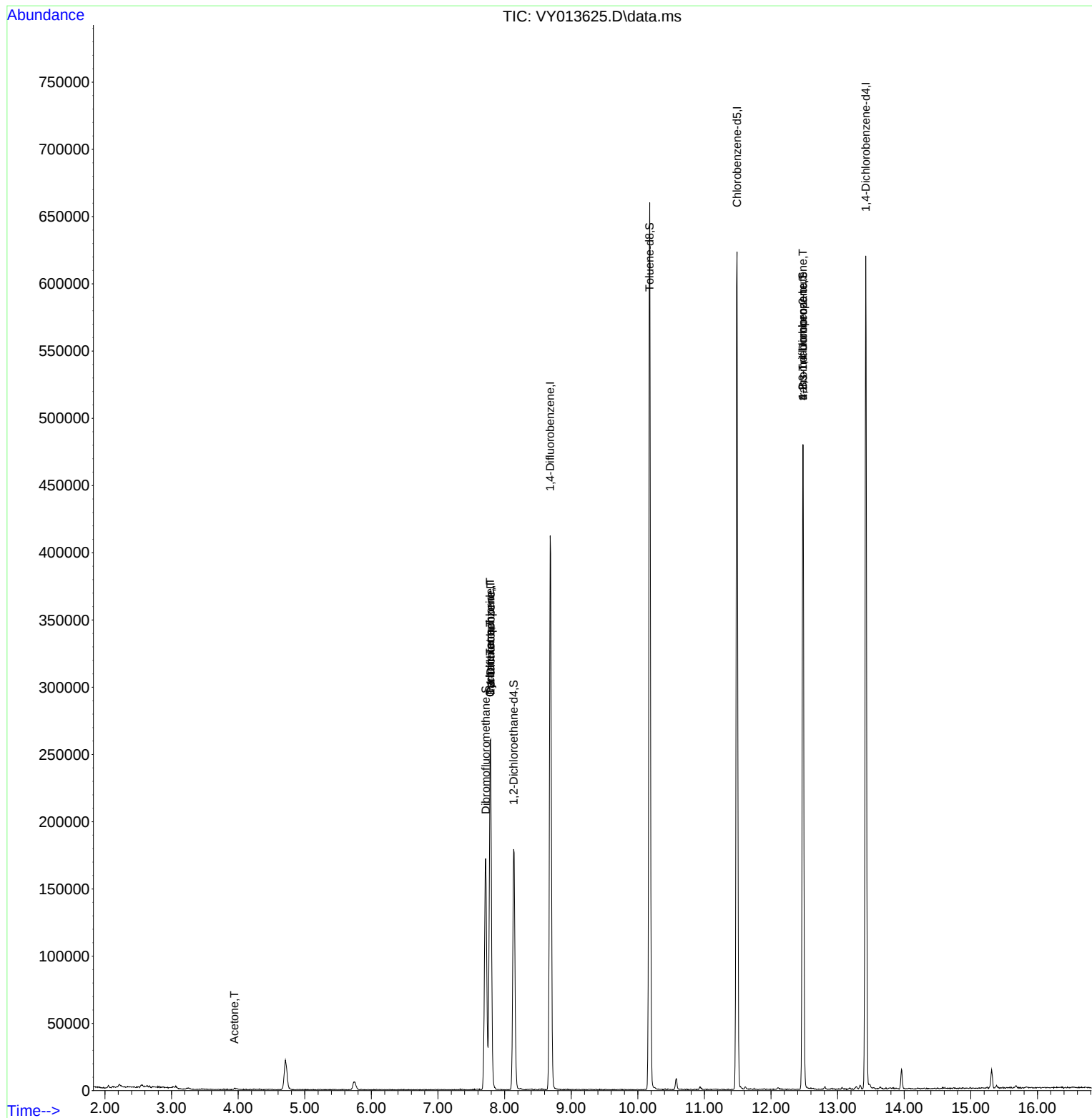
Internal Standards						
1) Pentafluorobenzene	7.789	168	205307	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	343142	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	339202	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	155962	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	149572	66.458	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.920%
35) Dibromofluoromethane	7.716	113	118128	54.734	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.460%
50) Toluene-d8	10.179	98	421922	54.955	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.900%
62) 4-Bromofluorobenzene	12.477	95	139098	53.741	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	107.480%
Target Compounds						
13) Acrolein	3.783	56	22	Below Cal	#	16
16) Acetone	3.942	43	2312	2.609	ug/l #	68
20) Methylene Chloride	4.710	84	14944	Below Cal	#	80
31) Cyclohexane	7.783	56	4617	1.146	ug/l #	30
36) 1,1-Dichloropropene	7.789	75	15822	4.417	ug/l #	48
38) Carbon Tetrachloride	7.783	117	20449	5.447	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	75110	35.710	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	75110	73.047	ug/l #	13

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

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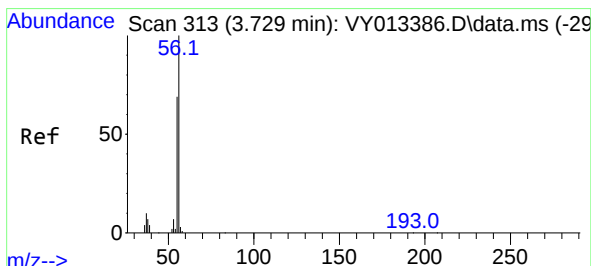
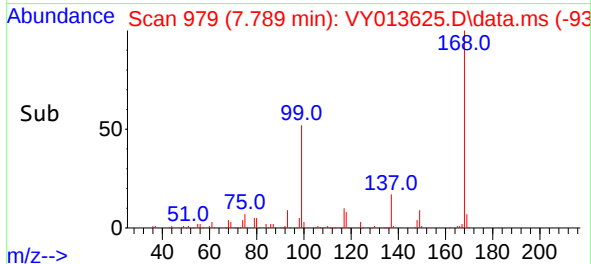
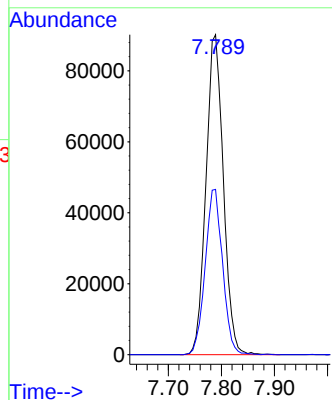
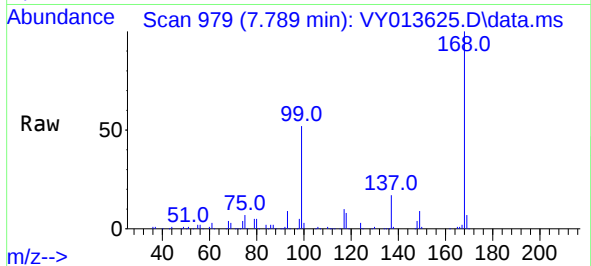




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013625.D
Acq: 05 May 2023 15:08

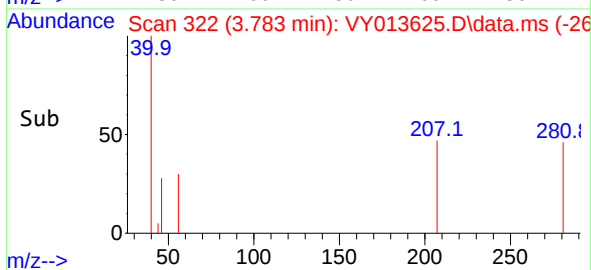
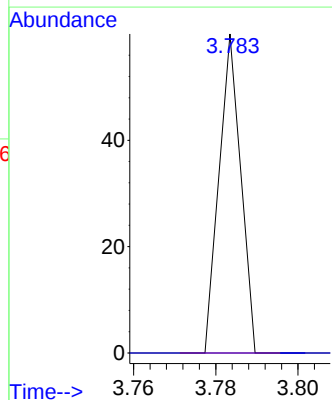
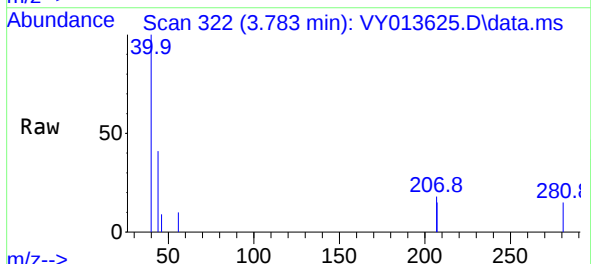
Instrument :
MSVOA_Y
ClientSampleId :
SS-2

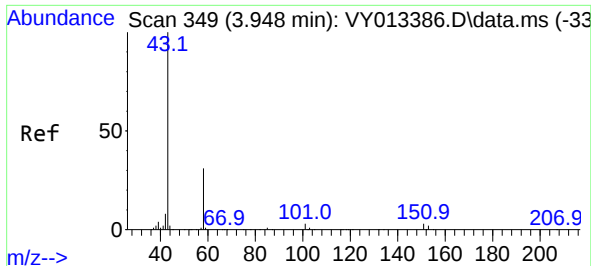
Tgt Ion:168 Resp: 205307
Ion Ratio Lower Upper
168 100
99 51.6 41.8 62.6



#13
Acrolein
Concen: Below Cal
RT: 3.783 min Scan# 322
Delta R.T. 0.054 min
Lab File: VY013625.D
Acq: 05 May 2023 15:08

Tgt Ion: 56 Resp: 22
Ion Ratio Lower Upper
56 100
55 0.0 54.1 81.1#

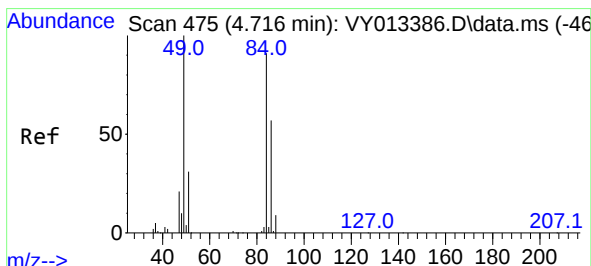
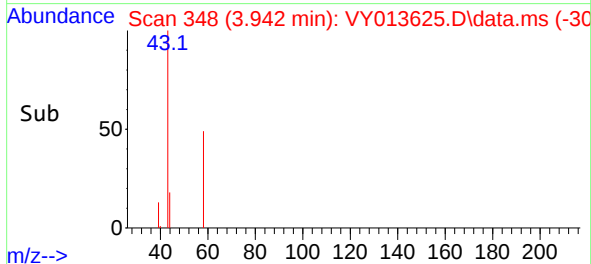
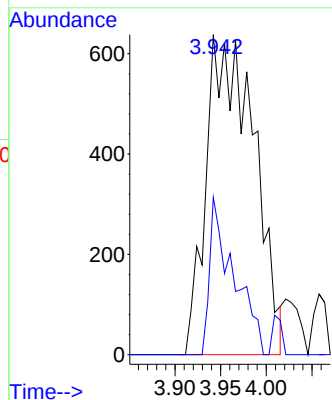
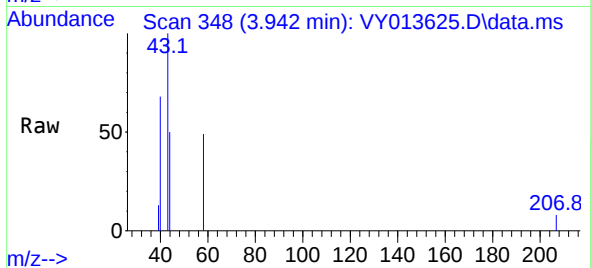




#16
Acetone
Concen: 2.609 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY013625.D
Acq: 05 May 2023 15:08

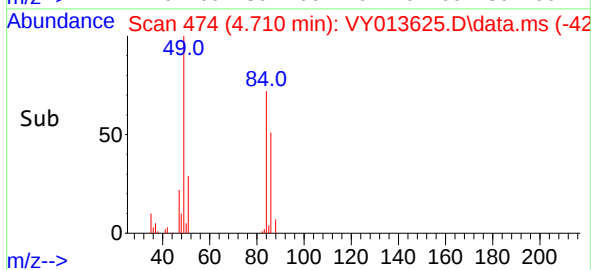
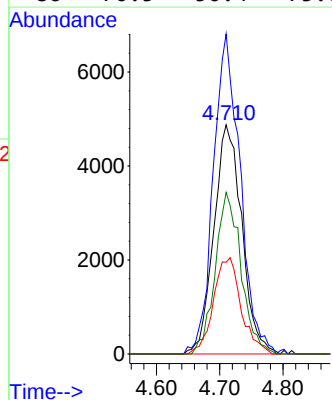
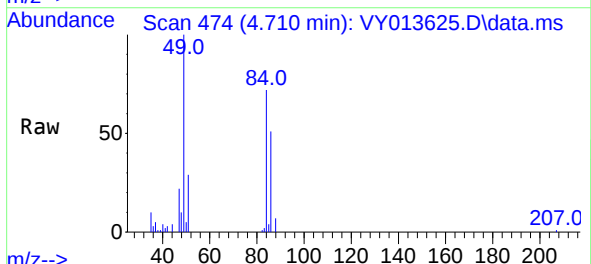
Instrument :
MSVOA_Y
ClientSampleId :
SS-2

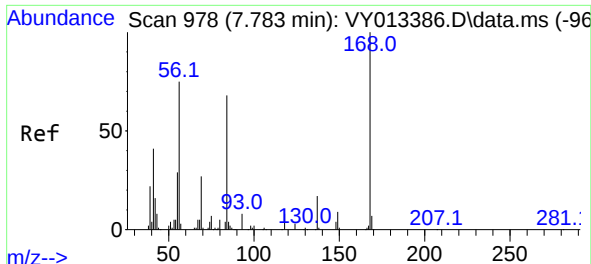
Tgt Ion: 43 Resp: 2312
Ion Ratio Lower Upper
43 100
58 49.2 25.4 38.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013625.D
Acq: 05 May 2023 15:08

Tgt Ion: 84 Resp: 14944
Ion Ratio Lower Upper
84 100
49 139.6 88.0 132.0#
51 40.0 27.4 41.0
86 70.5 50.4 75.6

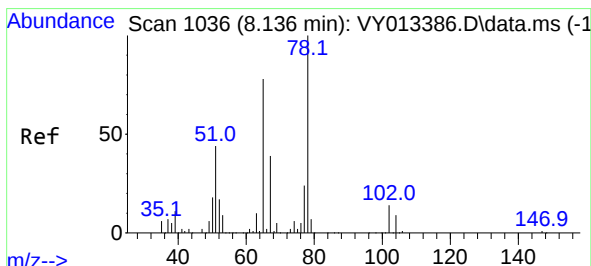
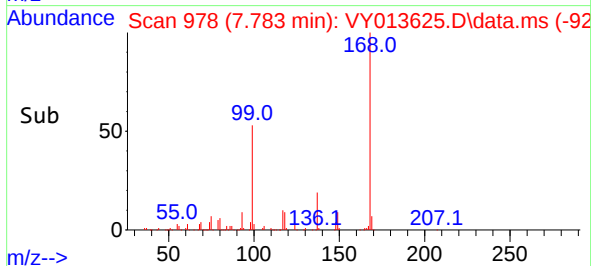
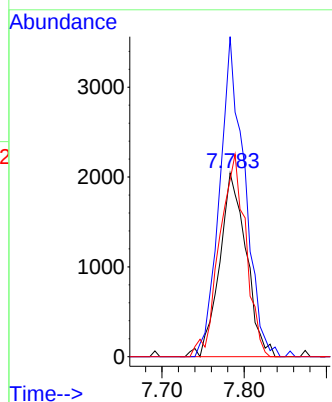
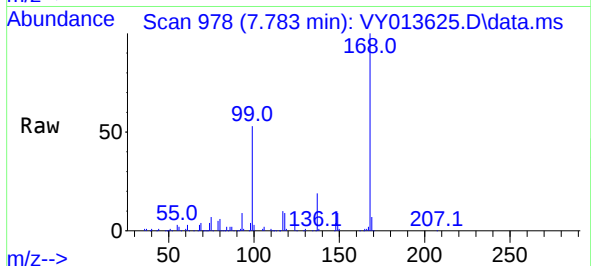




#31
Cyclohexane
Concen: 1.146 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013625.D
Acq: 05 May 2023 15:08

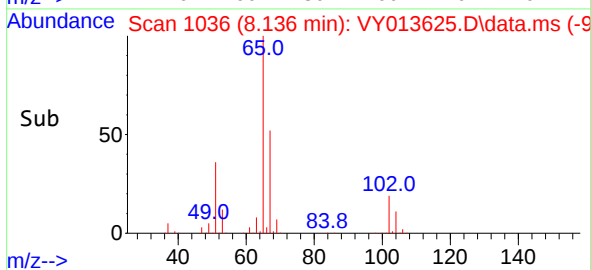
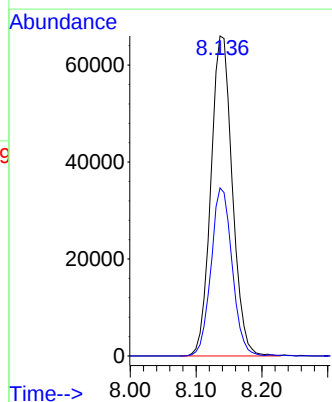
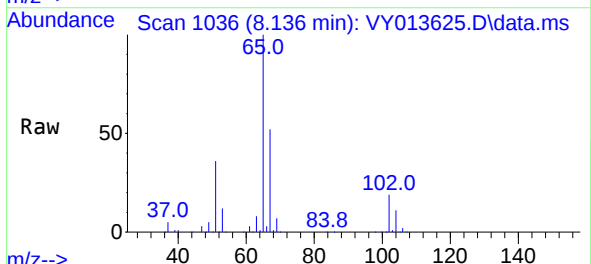
Instrument :
MSVOA_Y
ClientSampleId :
SS-2

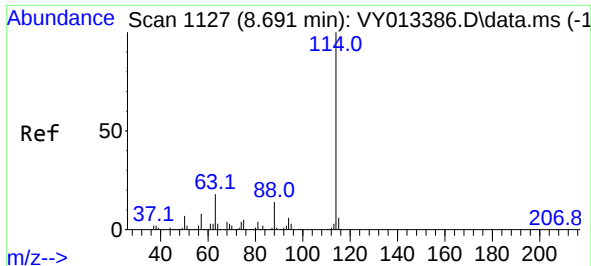
Tgt Ion: 56 Resp: 4617
Ion Ratio Lower Upper
56 100
69 174.4 29.2 43.8#
84 96.4 73.0 109.6



#33
1,2-Dichloroethane-d4
Concen: 66.458 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013625.D
Acq: 05 May 2023 15:08

Tgt Ion: 65 Resp: 149572
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY013625.D

Acq: 05 May 2023 15:08

Instrument :

MSVOA_Y

ClientSampleId :

SS-2

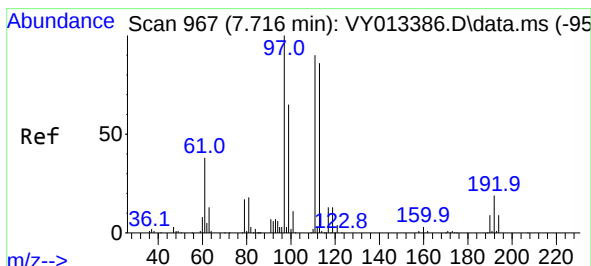
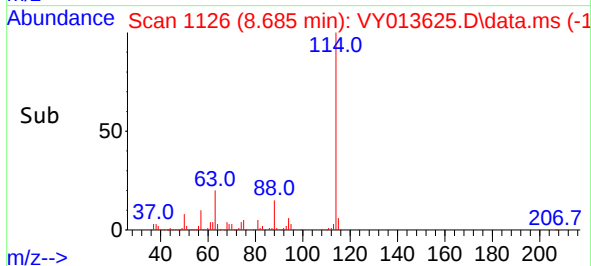
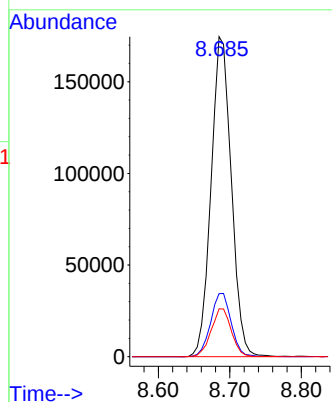
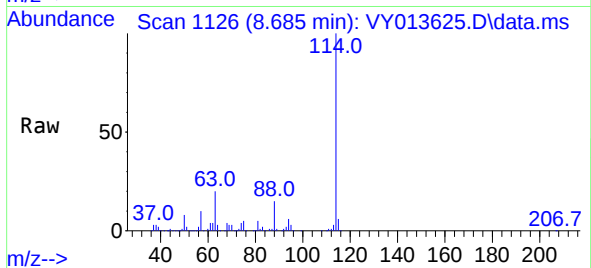
Tgt Ion:114 Resp: 343142

Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.6

88 14.9 0.0 28.8



#35

Dibromofluoromethane

Concen: 54.734 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013625.D

Acq: 05 May 2023 15:08

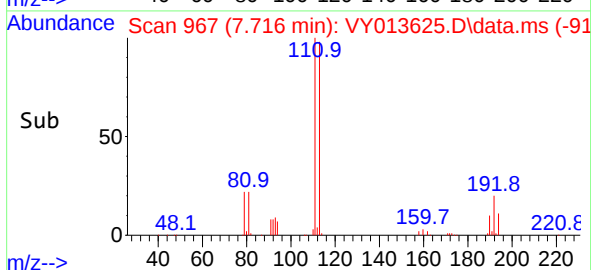
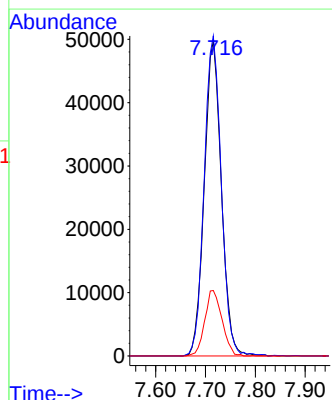
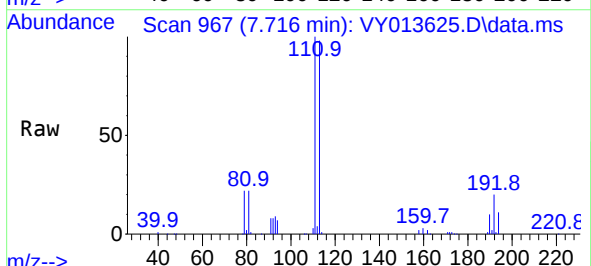
Tgt Ion:113 Resp: 118128

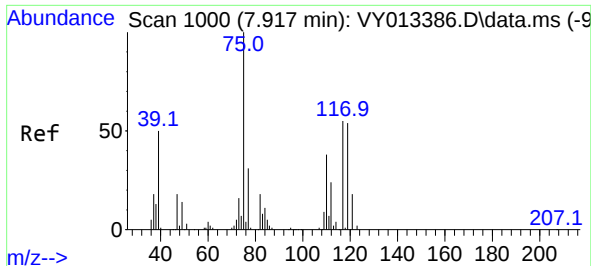
Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.2

192 21.0 16.7 25.1

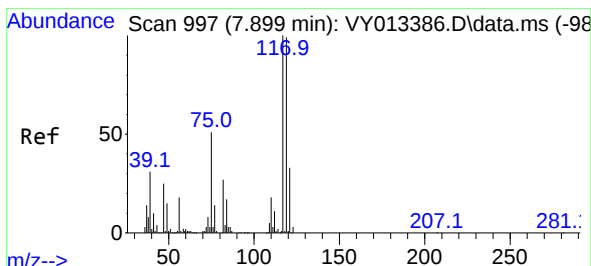
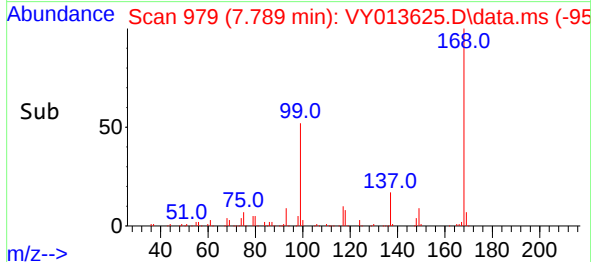
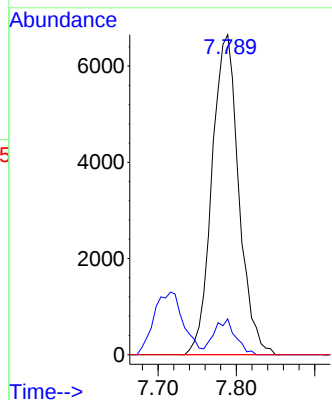
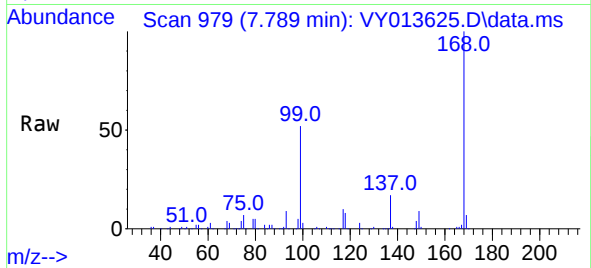




#36
1,1-Dichloropropene
Concen: 4.417 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY013625.D
Acq: 05 May 2023 15:08

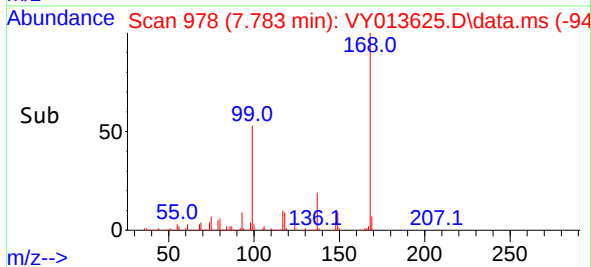
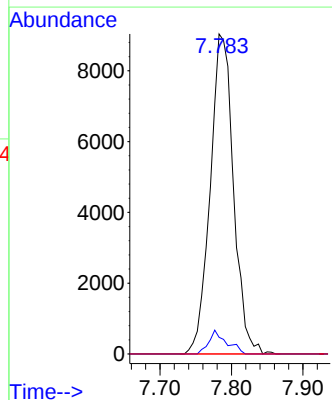
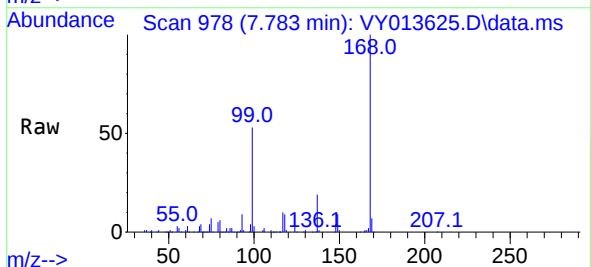
Instrument :
MSVOA_Y
ClientSampleId :
SS-2

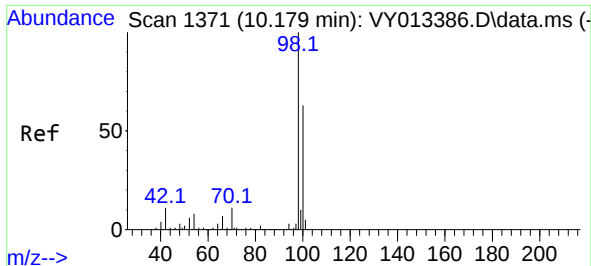
Tgt Ion: 75 Resp: 15822
Ion Ratio Lower Upper
75 100
110 8.9 18.7 56.1#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.447 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY013625.D
Acq: 05 May 2023 15:08

Tgt Ion: 117 Resp: 20449
Ion Ratio Lower Upper
117 100
119 5.2 79.0 118.6#
121 0.0 26.6 40.0#

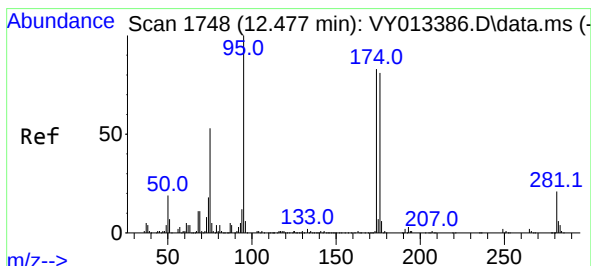
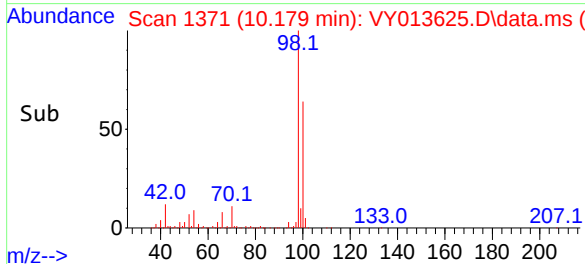
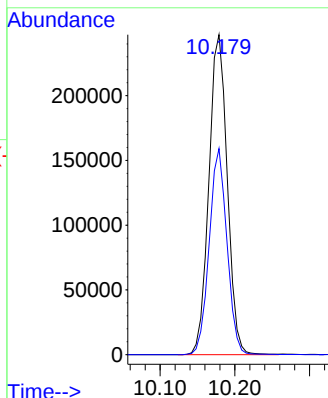
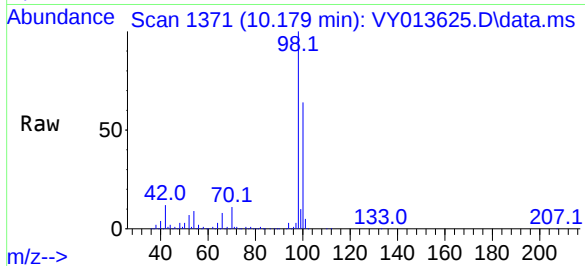




#50
Toluene-d8
Concen: 54.955 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013625.D
Acq: 05 May 2023 15:08

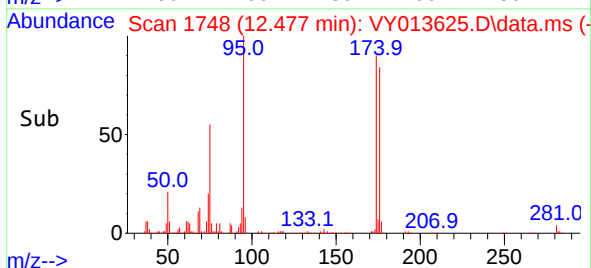
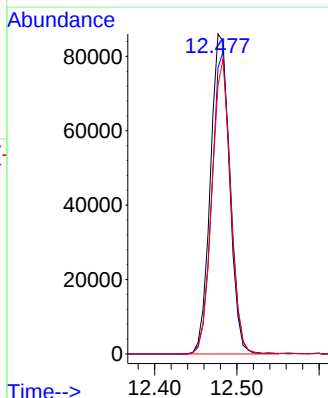
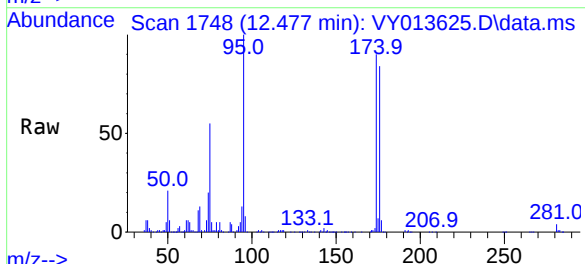
Instrument :
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ClientSampleId :
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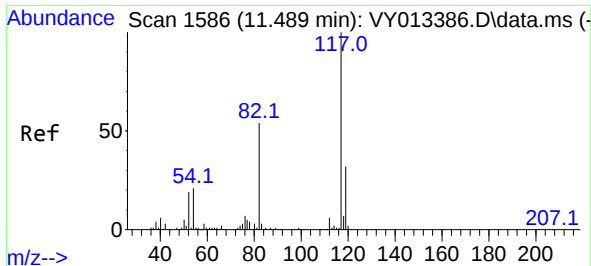
Tgt Ion: 98 Resp: 421922
Ion Ratio Lower Upper
98 100
100 62.2 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 53.741 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013625.D
Acq: 05 May 2023 15:08

Tgt Ion: 95 Resp: 139098
Ion Ratio Lower Upper
95 100
174 92.2 0.0 182.0
176 89.4 0.0 175.4

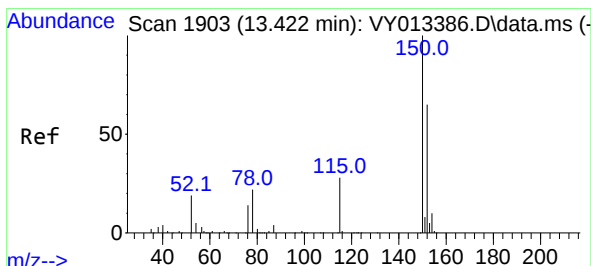
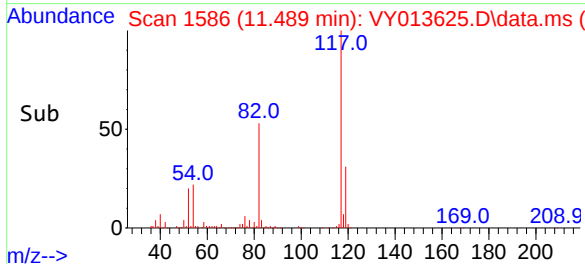
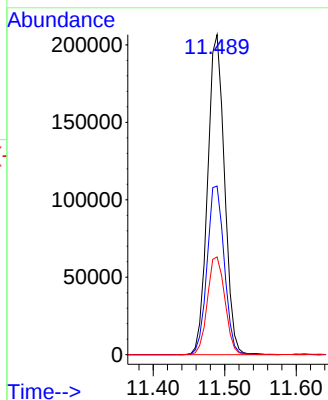
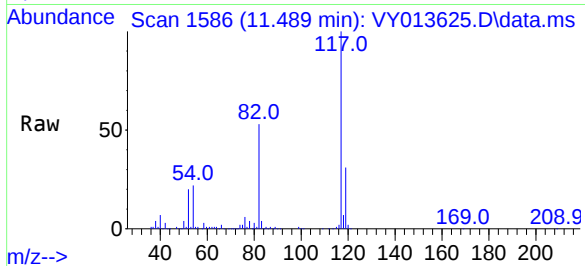




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY013625.D
Acq: 05 May 2023 15:08

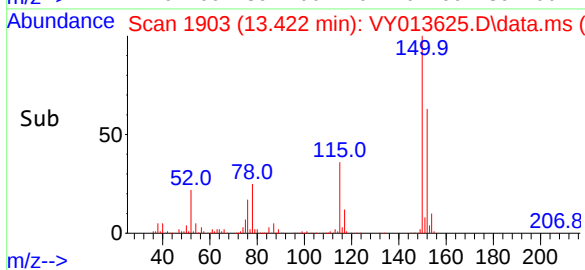
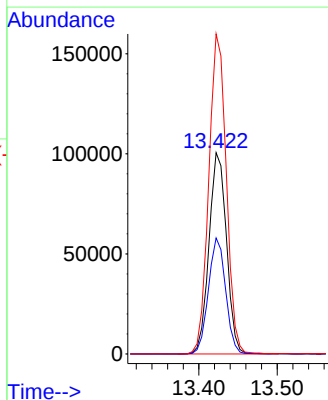
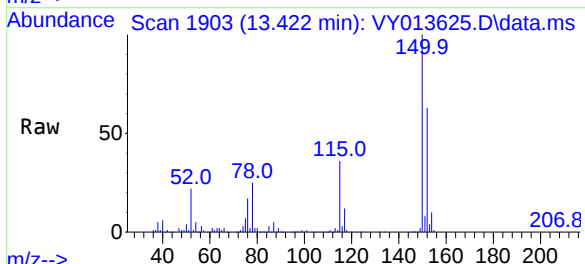
Instrument :
MSVOA_Y
ClientSampleId :
SS-2

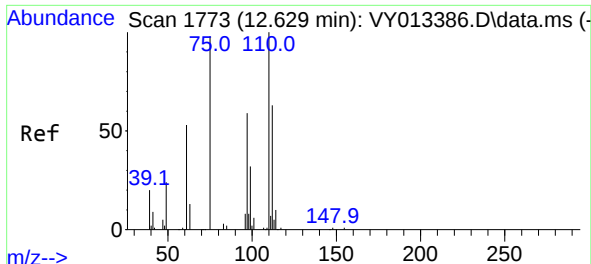
Tgt Ion:117 Resp: 339202
Ion Ratio Lower Upper
117 100
82 52.7 43.0 64.6
119 30.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY013625.D
Acq: 05 May 2023 15:08

Tgt Ion:152 Resp: 155962
Ion Ratio Lower Upper
152 100
115 56.6 28.1 84.2
150 159.0 0.0 352.0

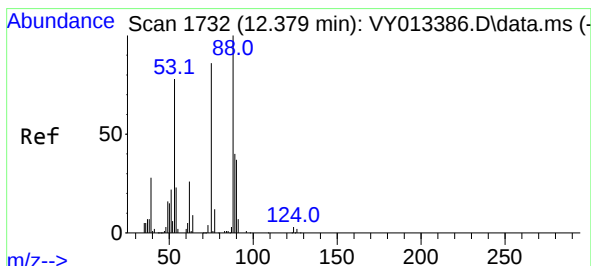
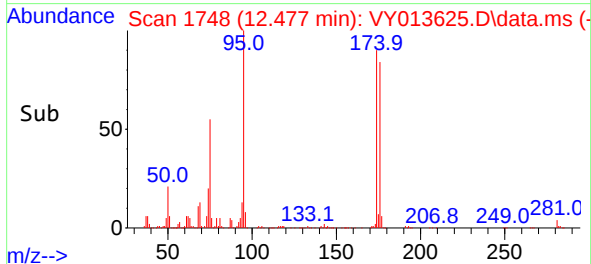
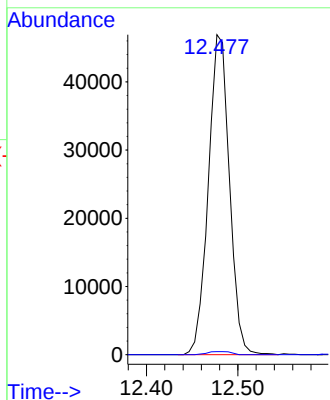
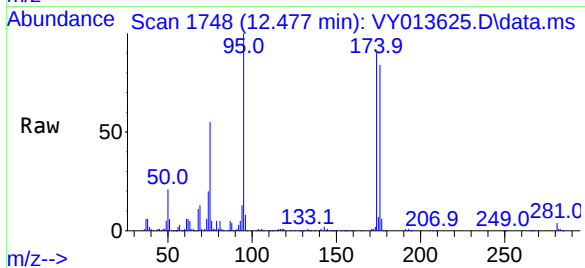




#76
1,2,3-Trichloropropane
Concen: 35.710 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY013625.D
Acq: 05 May 2023 15:08

Instrument :
MSVOA_Y
ClientSampleId :
SS-2

Tgt Ion: 75 Resp: 75110
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.047 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY013625.D
Acq: 05 May 2023 15:08

Tgt Ion: 75 Resp: 75110
Ion Ratio Lower Upper
75 100
53 0.3 73.2 109.8#
89 0.2 38.0 57.0#

