

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050423\
 Data File : VY013600.D
 Acq On : 04 May 2023 15:16
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 05 00:59:55 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)

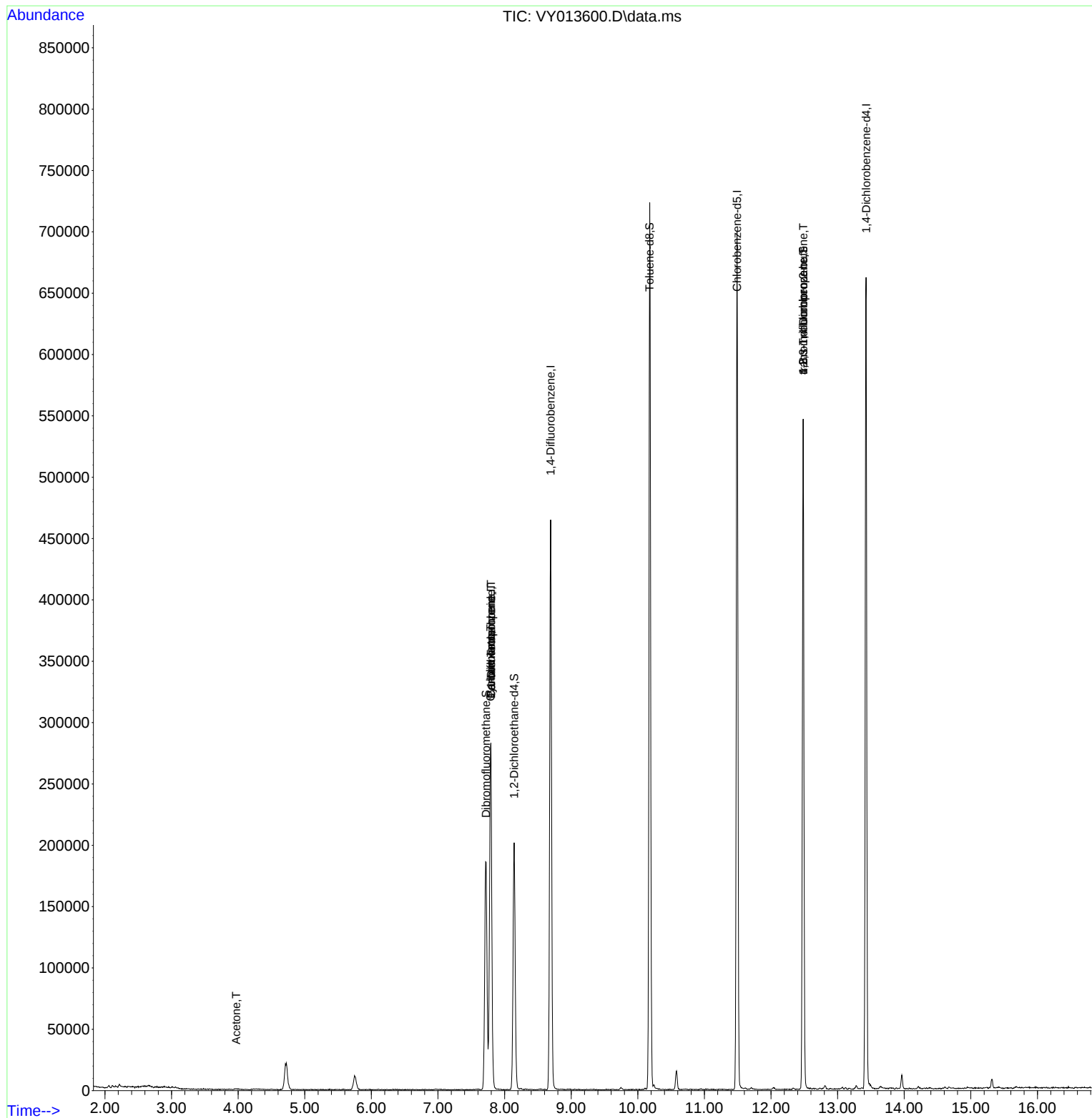
Internal Standards						
1) Pentafluorobenzene	7.795	168	224354	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	382099	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	371043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	170776	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	162188	65.946	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.900%	
35) Dibromofluoromethane	7.722	113	131296	54.633	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.260%	
50) Toluene-d8	10.179	98	464098	54.285	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.580%	
62) 4-Bromofluorobenzene	12.483	95	154476	53.597	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.200%	
Target Compounds						
					Qvalue	
13) Acrolein	3.771	56	24	Below Cal	#	16
16) Acetone	3.972	43	1023	1.056	ug/l #	84
20) Methylene Chloride	4.722	84	16359	Below Cal	#	92
31) Cyclohexane	7.789	56	5152	1.170	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	17161	4.303	ug/l #	49
38) Carbon Tetrachloride	7.795	117	22363	5.349	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	83594	36.296	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	83594	74.245	ug/l #	13

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

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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

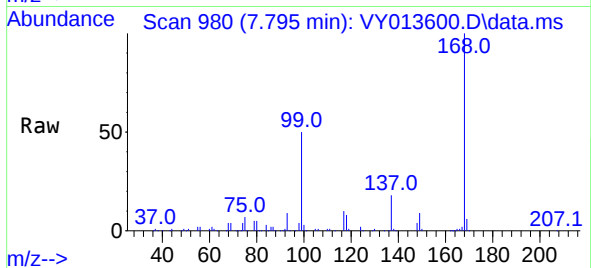
Quant Time: May 05 00:59:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:39:58 2023
Response via : Initial Calibration



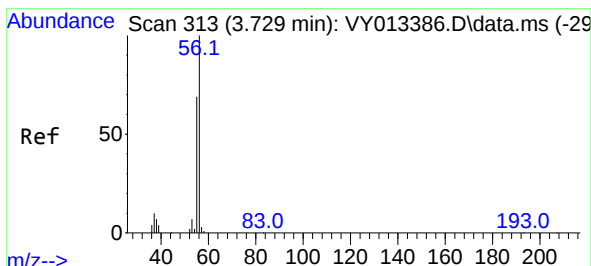
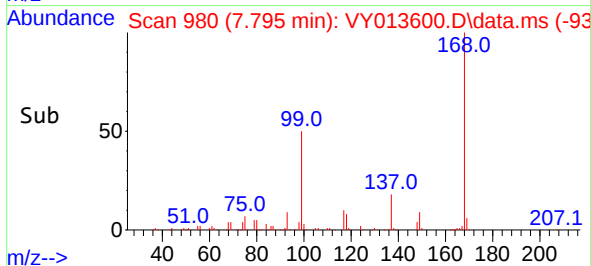
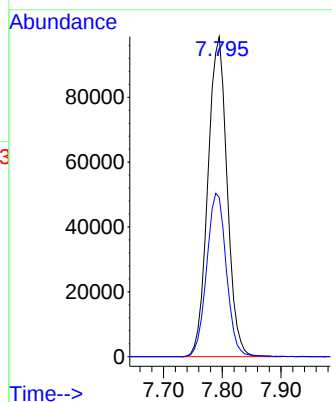


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013600.D
Acq: 04 May 2023 15:16

Instrument :
MSVOA_Y
ClientSampleId :

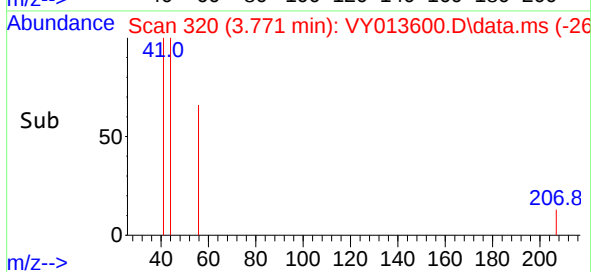
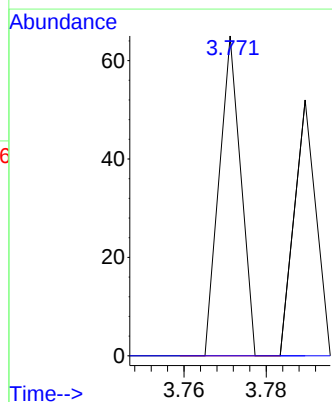
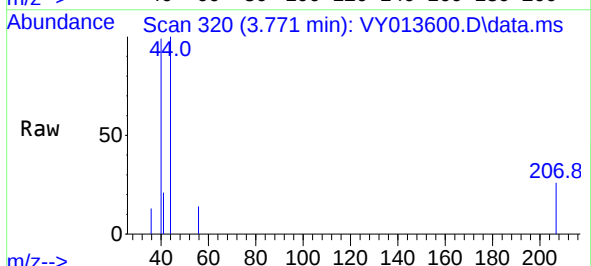


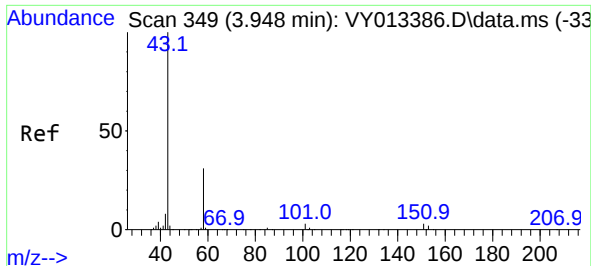
Tgt Ion:168 Resp: 224354
Ion Ratio Lower Upper
168 100
99 49.8 41.8 62.6



#13
Acrolein
Concen: Below Cal
RT: 3.771 min Scan# 320
Delta R.T. 0.042 min
Lab File: VY013600.D
Acq: 04 May 2023 15:16

Tgt Ion: 56 Resp: 24
Ion Ratio Lower Upper
56 100
55 0.0 54.1 81.1#

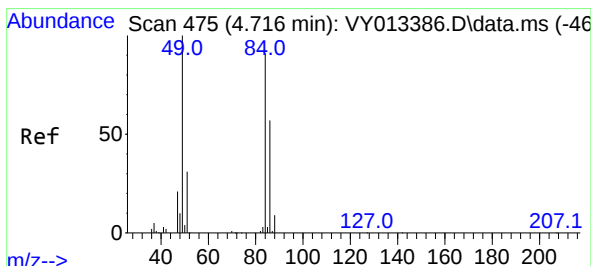
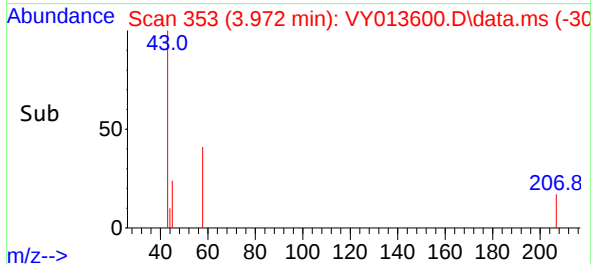
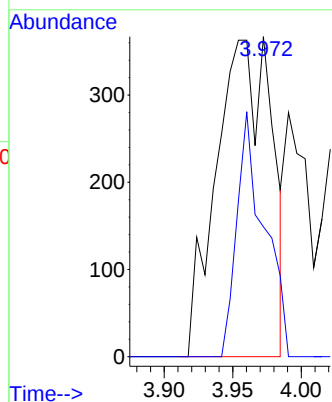
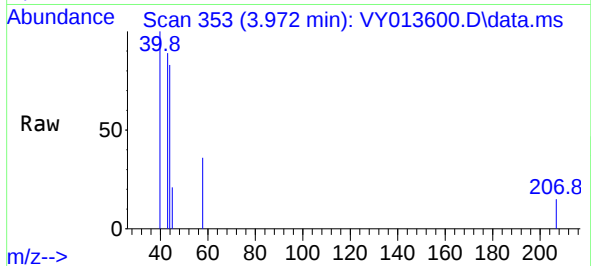




#16
Acetone
Concen: 1.056 ug/l
RT: 3.972 min Scan# 31
Delta R.T. 0.024 min
Lab File: VY013600.D
Acq: 04 May 2023 15:16

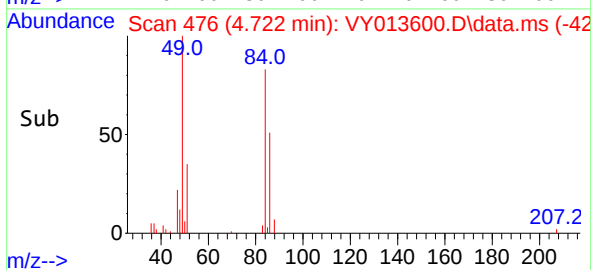
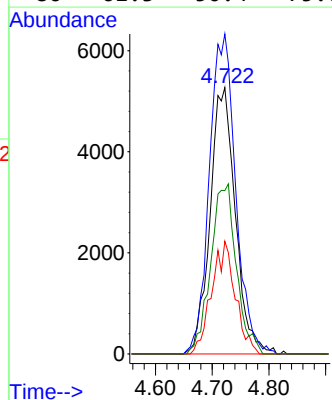
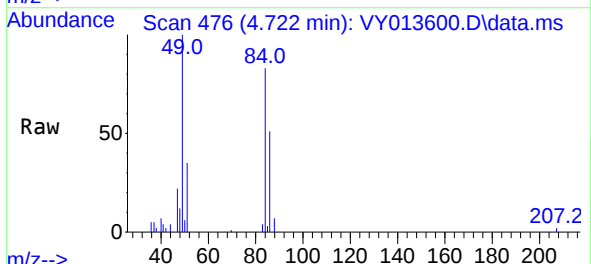
Instrument :
MSVOA_Y
ClientSampleId :

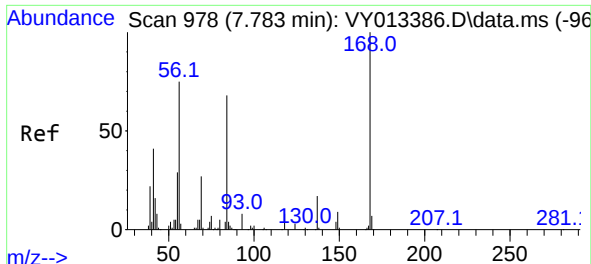
Tgt Ion: 43 Resp: 1023
Ion Ratio Lower Upper
43 100
58 40.6 25.4 38.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY013600.D
Acq: 04 May 2023 15:16

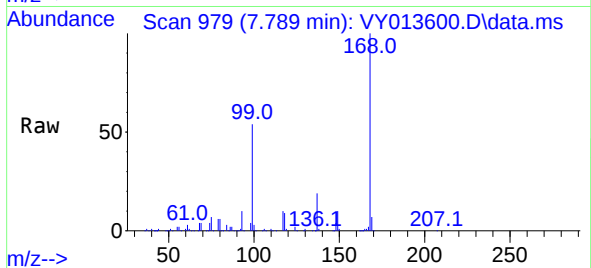
Tgt Ion: 84 Resp: 16359
Ion Ratio Lower Upper
84 100
49 120.1 88.0 132.0
51 42.3 27.4 41.0#
86 61.3 50.4 75.6



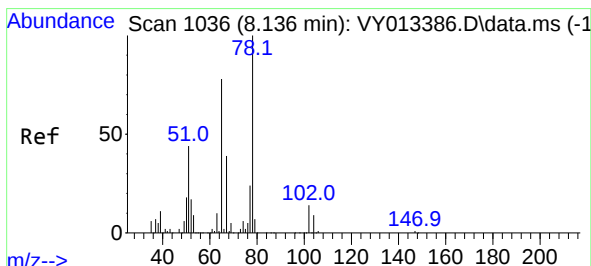
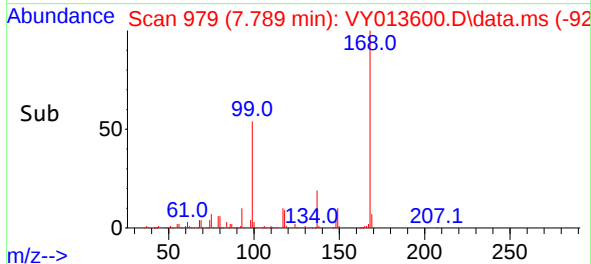
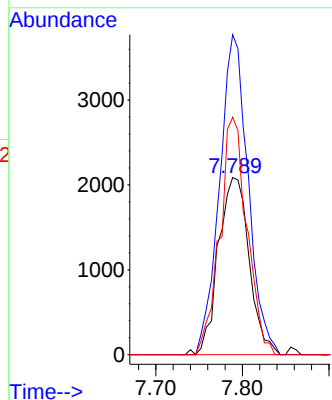


#31
Cyclohexane
Concen: 1.170 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013600.D
Acq: 04 May 2023 15:16

Instrument :
MSVOA_Y
ClientSampleId :

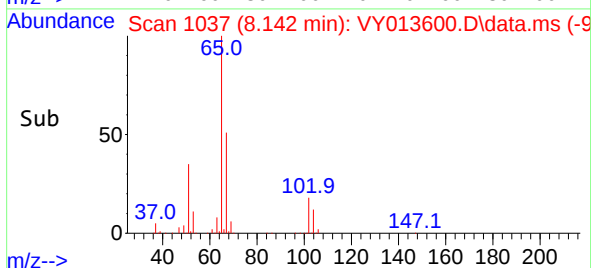
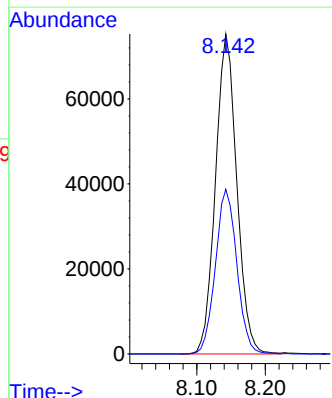
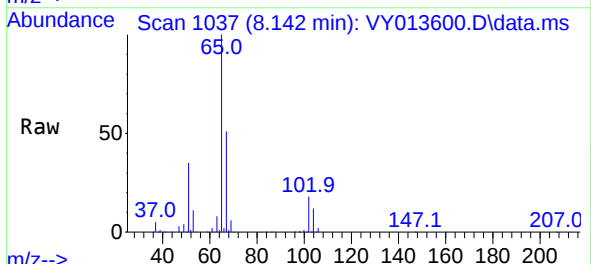


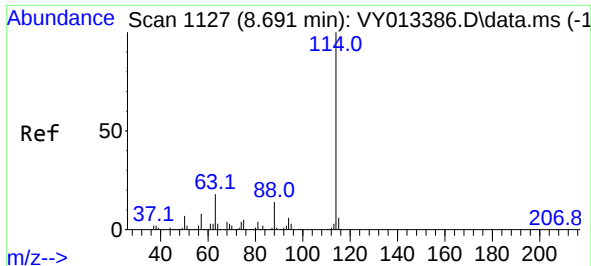
Tgt Ion: 56 Resp: 5152
Ion Ratio Lower Upper
56 100
69 180.7 29.2 43.8#
84 134.1 73.0 109.6#



#33
1,2-Dichloroethane-d4
Concen: 65.946 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY013600.D
Acq: 04 May 2023 15:16

Tgt Ion: 65 Resp: 162188
Ion Ratio Lower Upper
65 100
67 51.8 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: VY013600.D

Acq: 04 May 2023 15:16

Instrument :

MSVOA_Y

ClientSampleId :

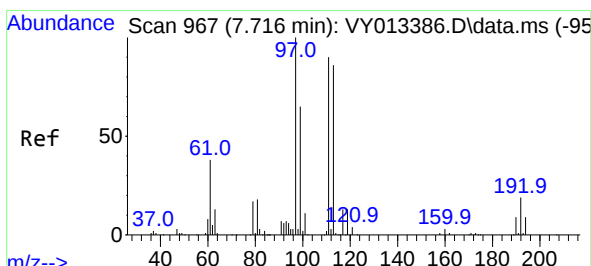
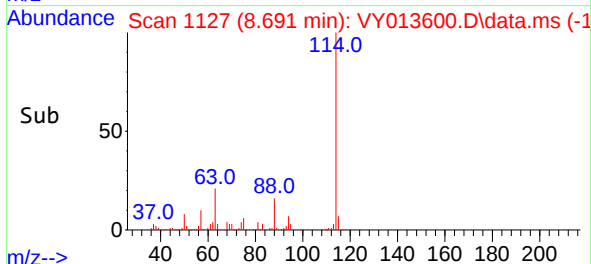
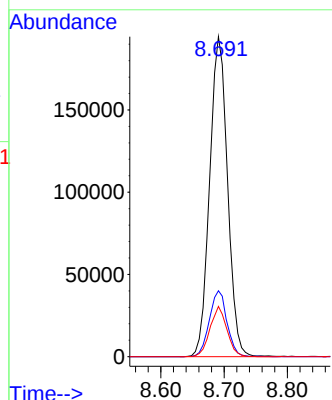
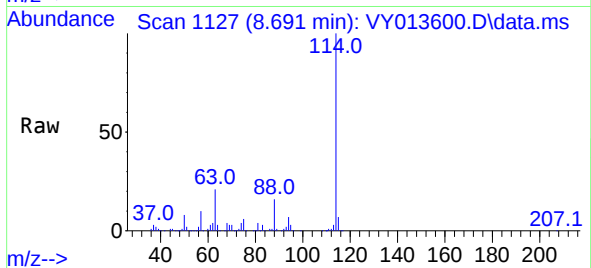
Tgt Ion:114 Resp: 382099

Ion Ratio Lower Upper

114 100

63 20.6 0.0 36.6

88 15.7 0.0 28.8



#35

Dibromofluoromethane

Concen: 54.633 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY013600.D

Acq: 04 May 2023 15:16

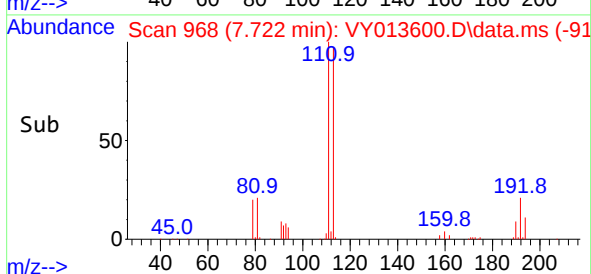
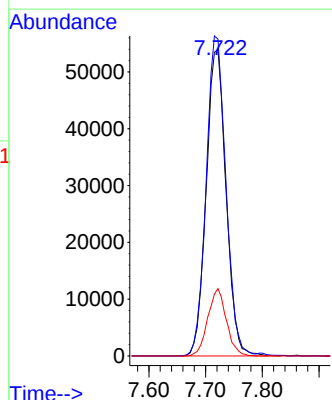
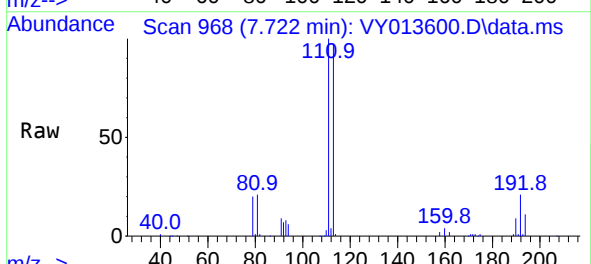
Tgt Ion:113 Resp: 131296

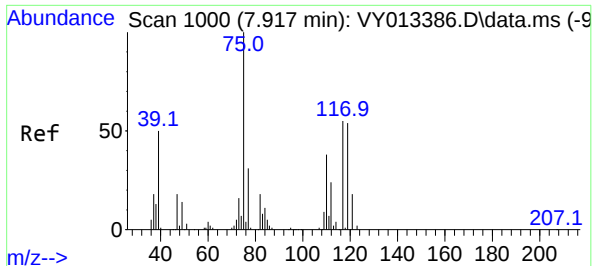
Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.2

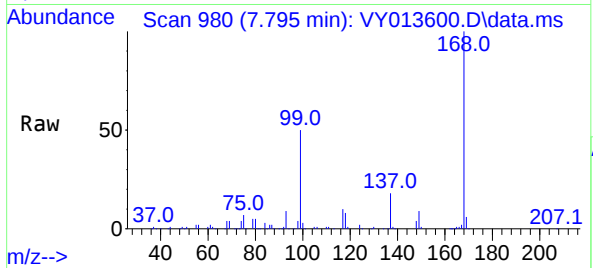
192 20.5 16.7 25.1



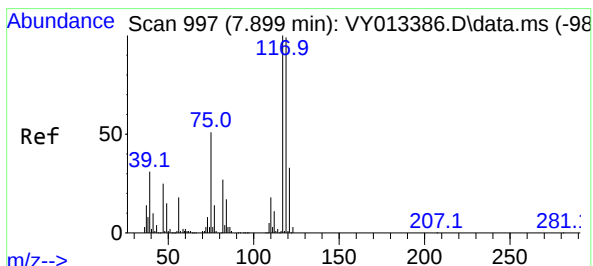
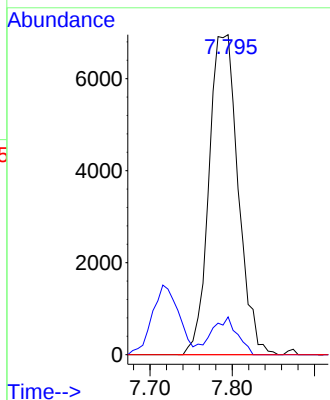
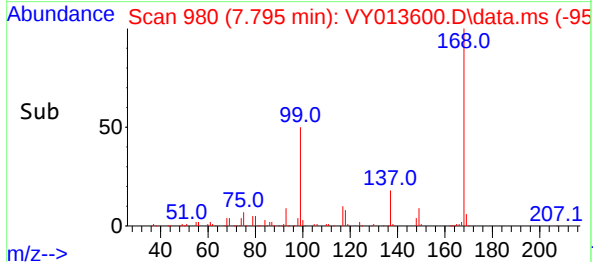


#36
1,1-Dichloropropene
Concen: 4.303 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY013600.D
Acq: 04 May 2023 15:16

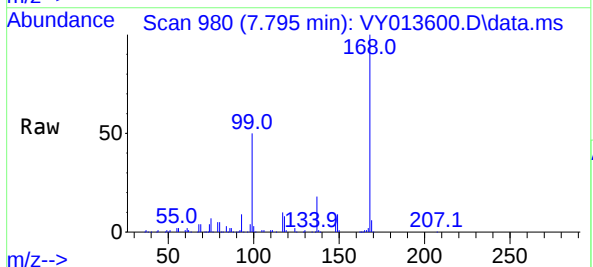
Instrument :
MSVOA_Y
ClientSampleId :



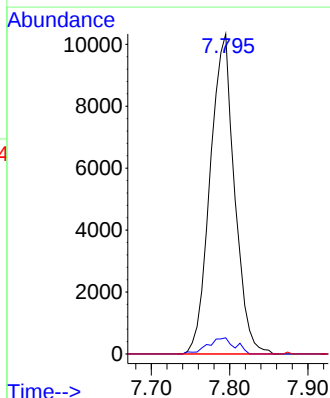
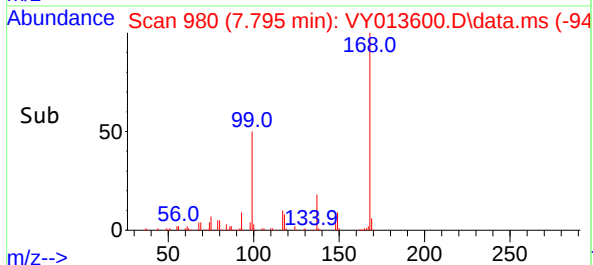
Tgt Ion: 75 Resp: 17161
Ion Ratio Lower Upper
75 100
110 9.6 18.7 56.1#
77 0.0 24.6 37.0#

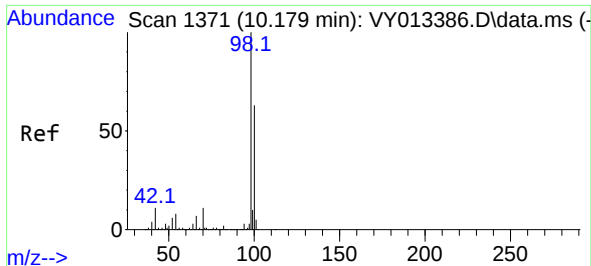


#38
Carbon Tetrachloride
Concen: 5.349 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.104 min
Lab File: VY013600.D
Acq: 04 May 2023 15:16



Tgt Ion: 117 Resp: 22363
Ion Ratio Lower Upper
117 100
119 5.0 79.0 118.6#
121 0.0 26.6 40.0#

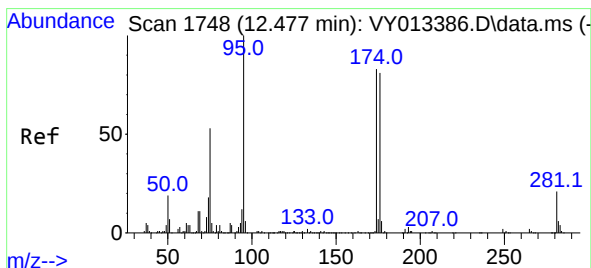
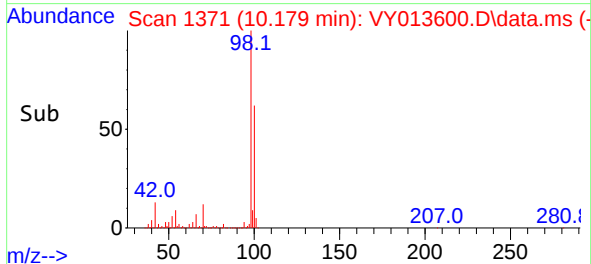
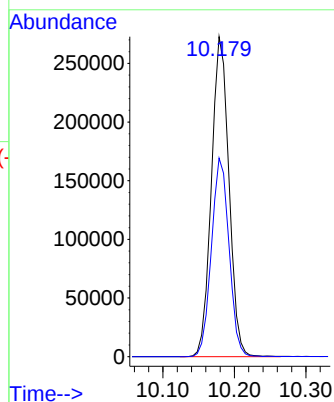
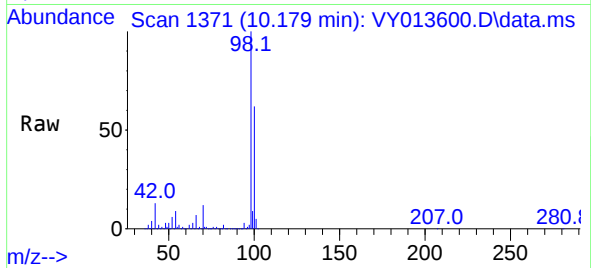




#50
Toluene-d8
Concen: 54.285 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013600.D
Acq: 04 May 2023 15:16

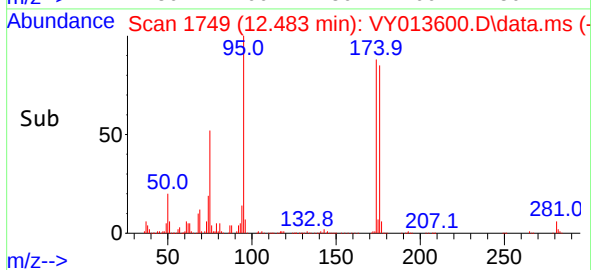
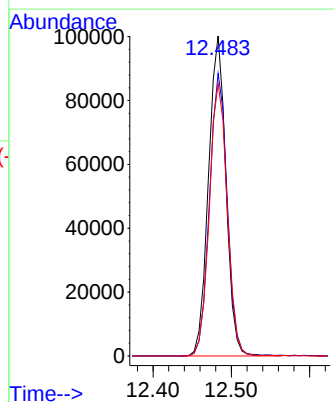
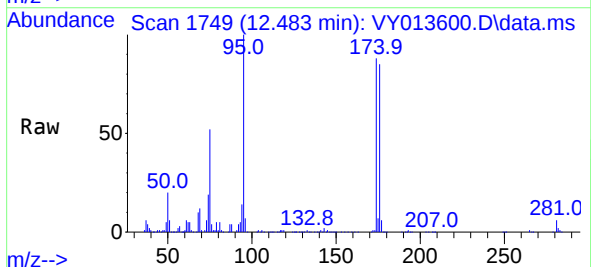
Instrument :
MSVOA_Y
ClientSampleId :

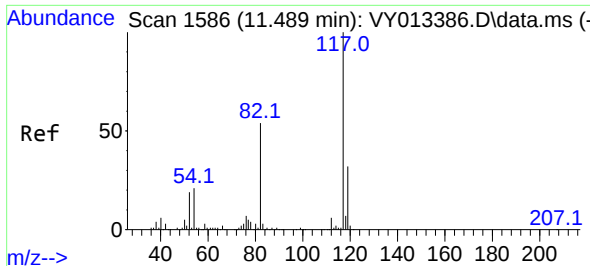
Tgt Ion: 98 Resp: 464098
Ion Ratio Lower Upper
98 100
100 62.3 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 53.597 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013600.D
Acq: 04 May 2023 15:16

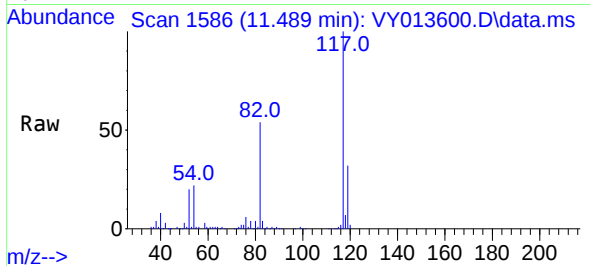
Tgt Ion: 95 Resp: 154476
Ion Ratio Lower Upper
95 100
174 89.9 0.0 182.0
176 87.2 0.0 175.4



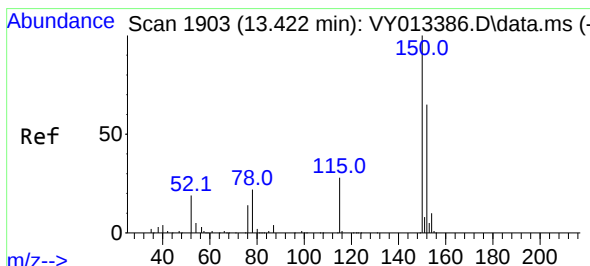
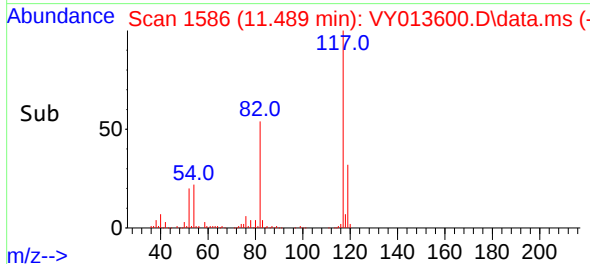
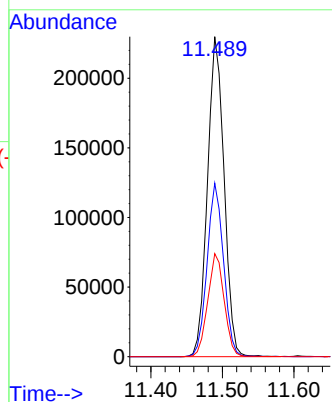


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013600.D
Acq: 04 May 2023 15:16

Instrument :
MSVOA_Y
ClientSampleId :

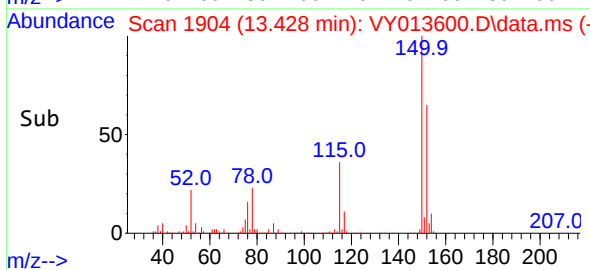
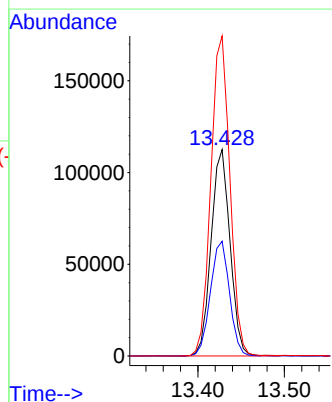
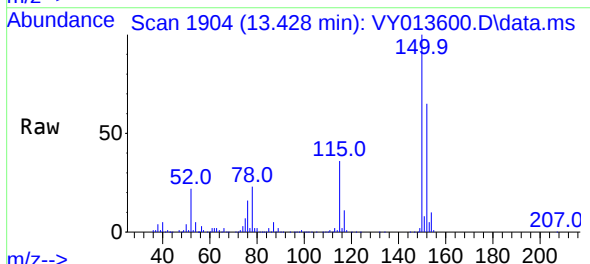


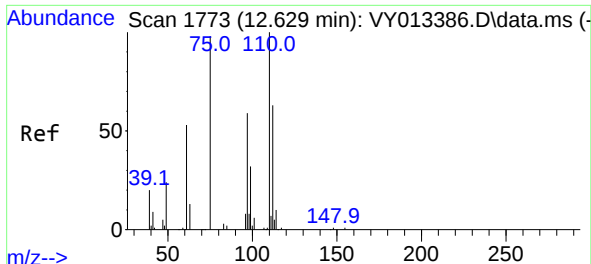
Tgt Ion:117 Resp: 371043
Ion Ratio Lower Upper
117 100
82 54.2 43.0 64.6
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY013600.D
Acq: 04 May 2023 15:16

Tgt Ion:152 Resp: 170776
Ion Ratio Lower Upper
152 100
115 56.2 28.1 84.2
150 156.2 0.0 352.0

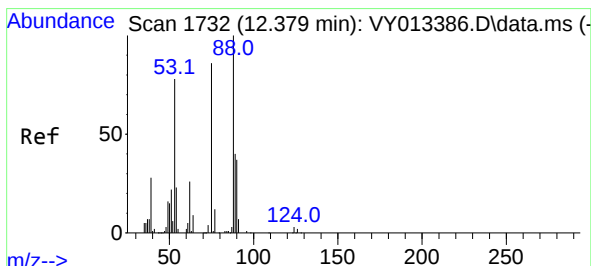
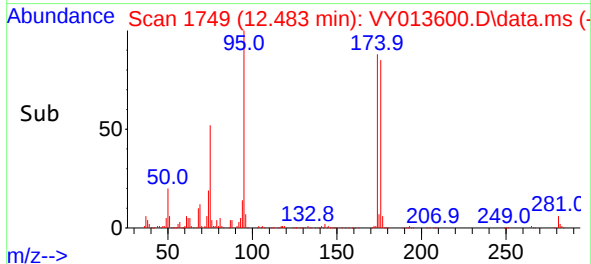
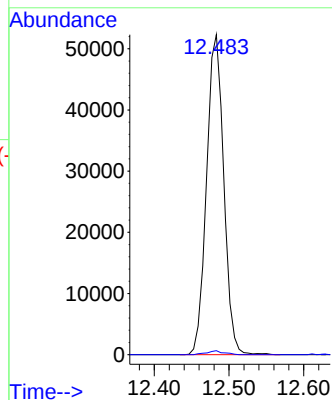
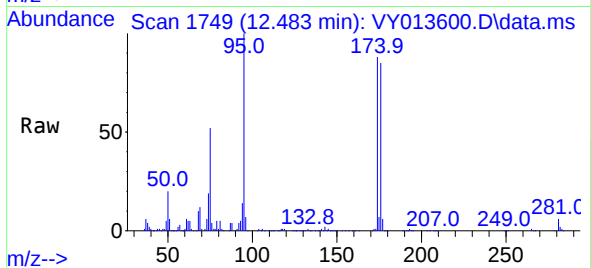




#76
1,2,3-Trichloropropane
Concen: 36.296 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY013600.D
Acq: 04 May 2023 15:16

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 83594
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.245 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY013600.D
Acq: 04 May 2023 15:16

Tgt Ion: 75 Resp: 83594
Ion Ratio Lower Upper
75 100
53 0.4 73.2 109.8#
89 0.0 38.0 57.0#

