

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050523\
 Data File : VY013615.D
 Acq On : 05 May 2023 11:14
 Operator : KP/MD
 Sample : VY0505SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0505SBL01

Quant Time: May 08 00:23:08 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)

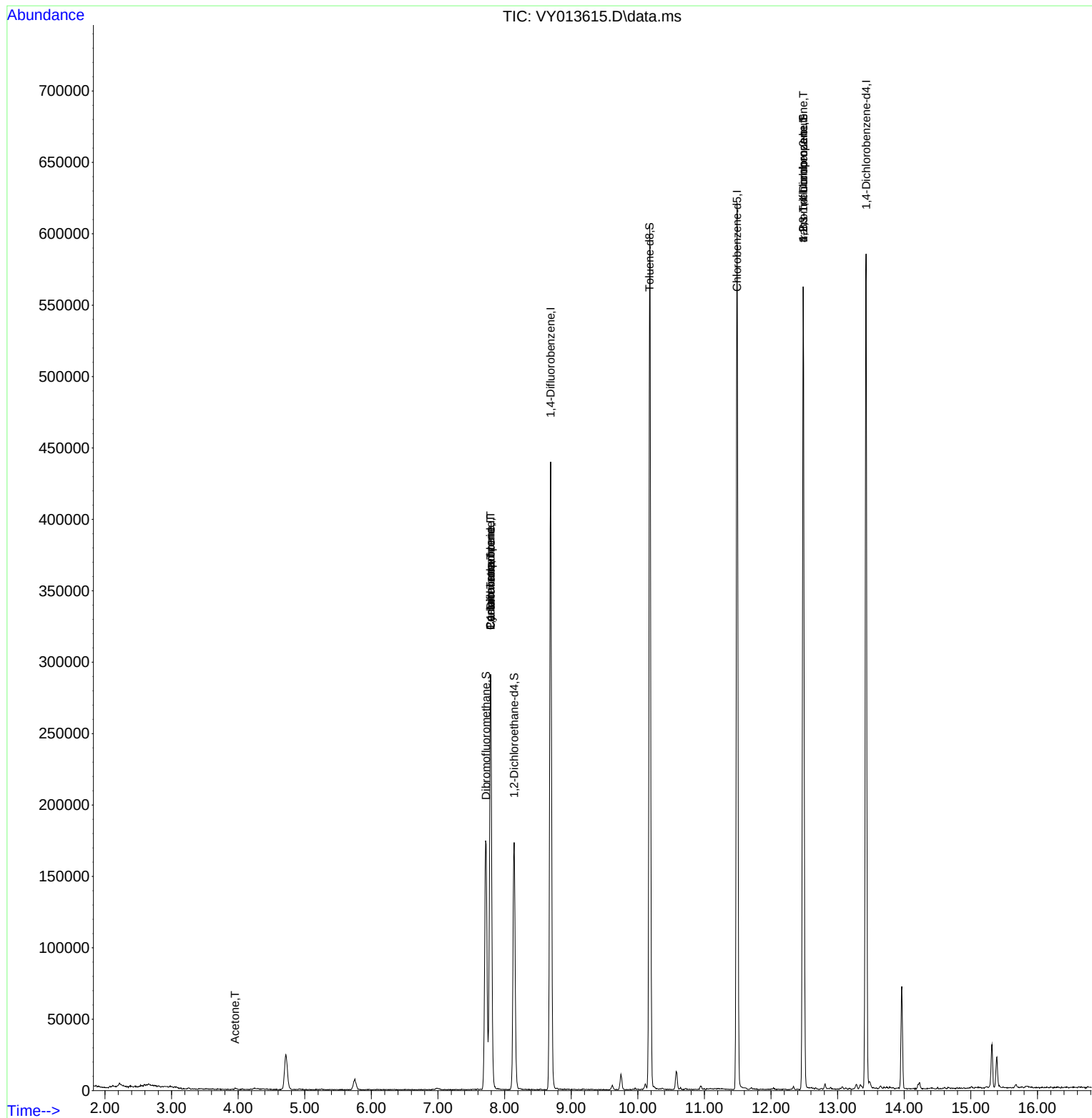
Internal Standards						
1) Pentafluorobenzene	7.789	168	225916	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	358646	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	324072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	153148	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	142647	57.599	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.200%
35) Dibromofluoromethane	7.722	113	123792	54.879	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.760%
50) Toluene-d8	10.179	98	397052	49.480	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.960%
62) 4-Bromofluorobenzene	12.483	95	132800	49.089	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.180%
Target Compounds						
13) Acrolein	3.735	56	20	Below Cal	#	16
16) Acetone	3.954	43	1169	1.199	ug/l	93
20) Methylene Chloride	4.722	84	18131	Below Cal		98
31) Cyclohexane	7.789	56	5294	1.194	ug/l #	16
36) 1,1-Dichloropropene	7.789	75	17614	4.705	ug/l #	50
38) Carbon Tetrachloride	7.789	117	22118	5.637	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	72789	35.242	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	72789	72.090	ug/l #	13

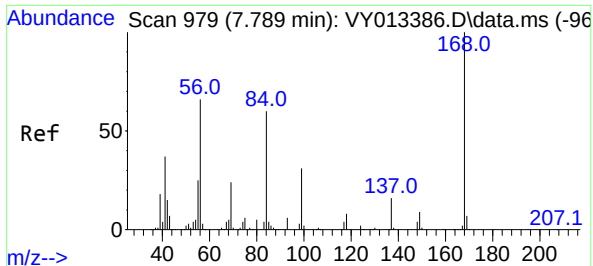
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050523\
Data File : VY013615.D
Acq On : 05 May 2023 11:14
Operator : KP/MD
Sample : VY0505SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBL01

Quant Time: May 08 00:23:08 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

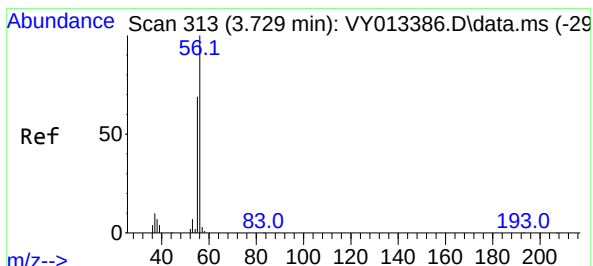
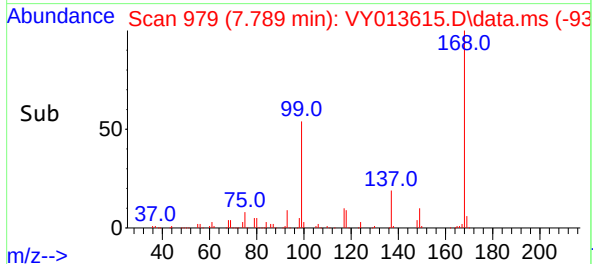
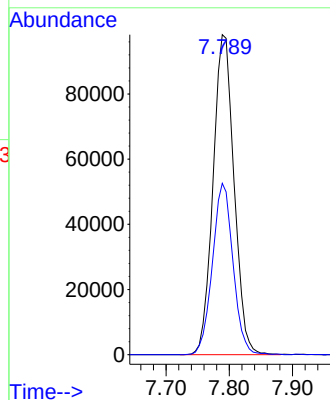
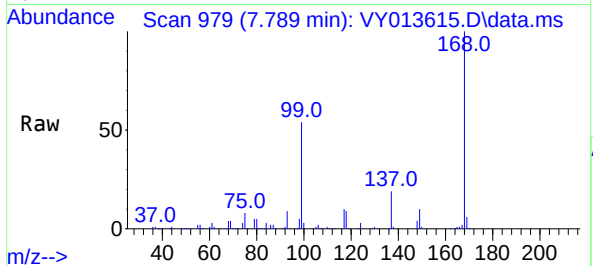




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013615.D
Acq: 05 May 2023 11:14

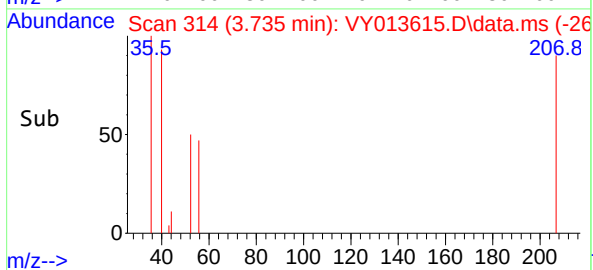
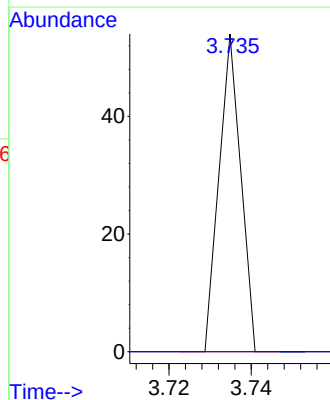
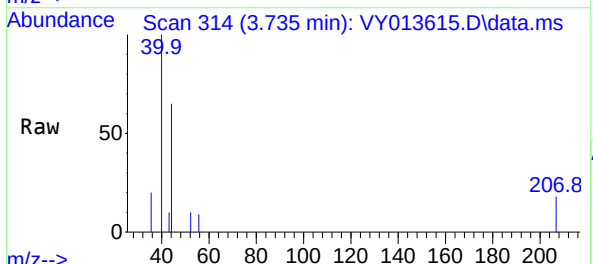
Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBL01

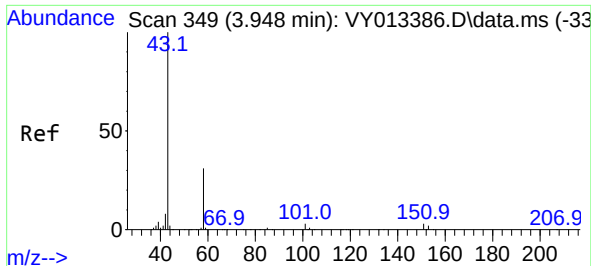
Tgt Ion:168 Resp: 225916
Ion Ratio Lower Upper
168 100
99 53.6 41.8 62.6



#13
Acrolein
Concen: Below Cal
RT: 3.735 min Scan# 314
Delta R.T. 0.006 min
Lab File: VY013615.D
Acq: 05 May 2023 11:14

Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 0.0 54.1 81.1#

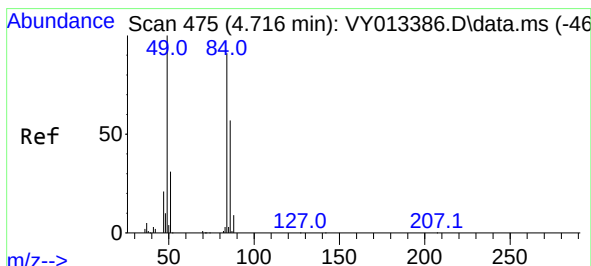
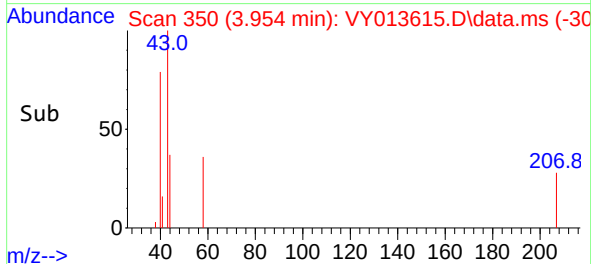
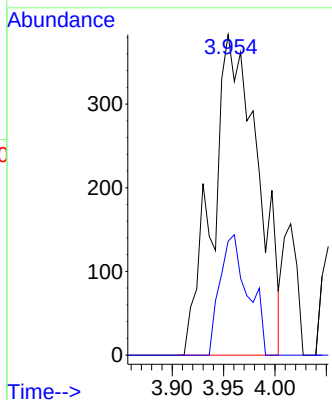
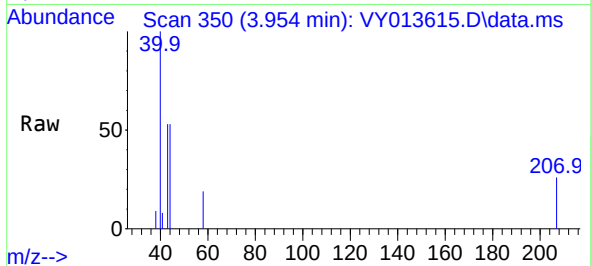




#16
Acetone
Concen: 1.199 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY013615.D
Acq: 05 May 2023 11:14

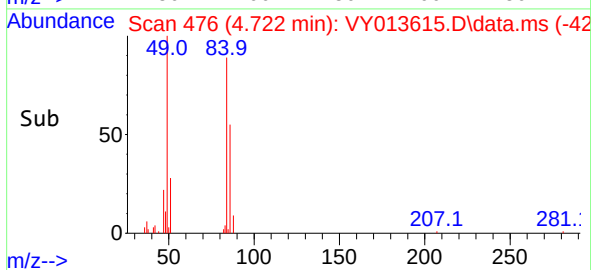
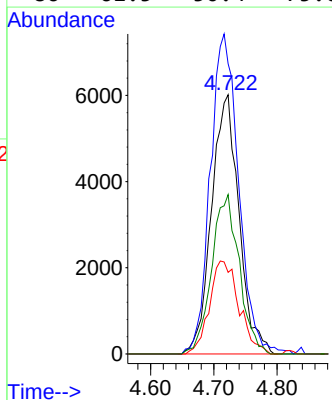
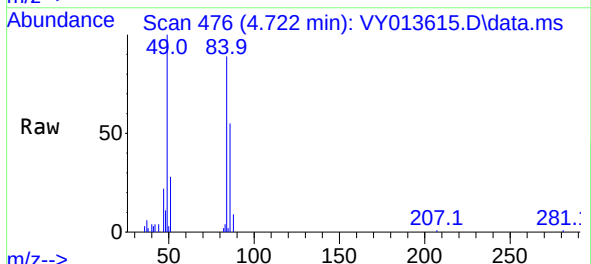
Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBL01

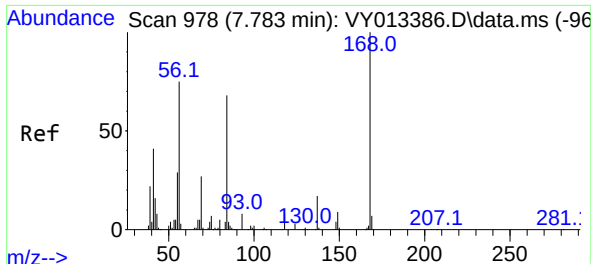
Tgt Ion: 43 Resp: 1169
Ion Ratio Lower Upper
43 100
58 35.5 25.4 38.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY013615.D
Acq: 05 May 2023 11:14

Tgt Ion: 84 Resp: 18131
Ion Ratio Lower Upper
84 100
49 112.0 88.0 132.0
51 31.5 27.4 41.0
86 61.5 50.4 75.6

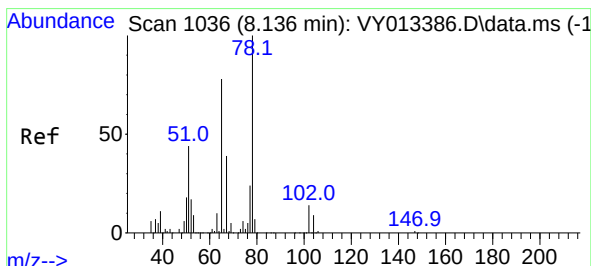
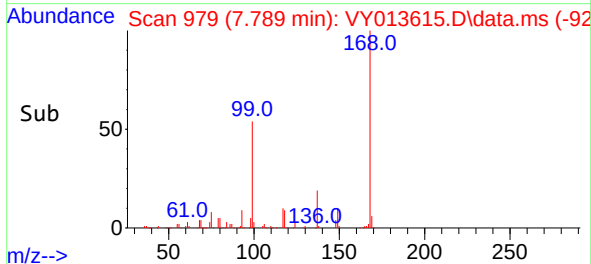
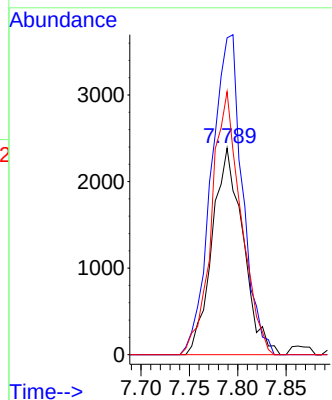
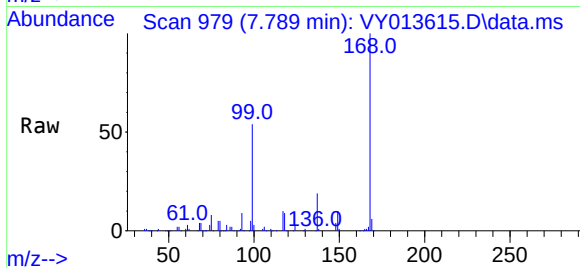




#31
Cyclohexane
Concen: 1.194 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013615.D
Acq: 05 May 2023 11:14

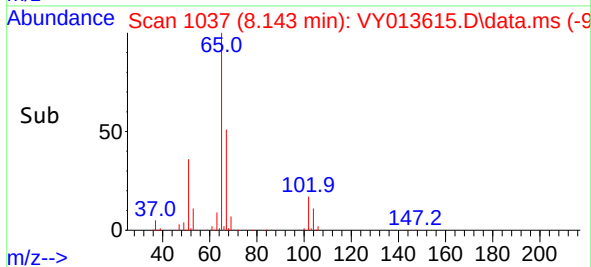
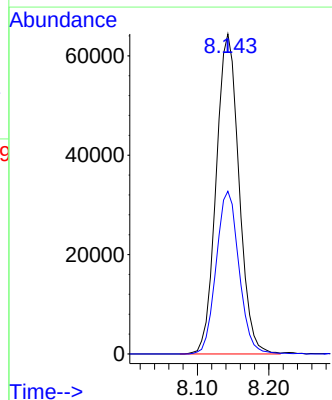
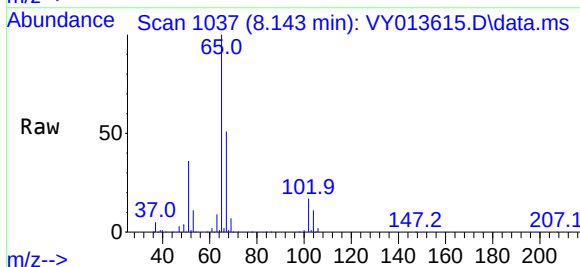
Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBL01

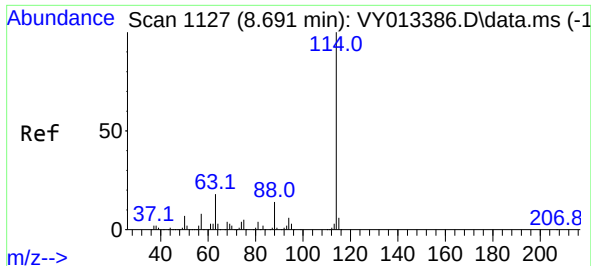
Tgt Ion: 56 Resp: 5294
Ion Ratio Lower Upper
56 100
69 153.4 29.2 43.8#
84 127.4 73.0 109.6#



#33
1,2-Dichloroethane-d4
Concen: 57.599 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY013615.D
Acq: 05 May 2023 11:14

Tgt Ion: 65 Resp: 142647
Ion Ratio Lower Upper
65 100
67 51.0 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013615.D

Acq: 05 May 2023 11:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0505SBL01

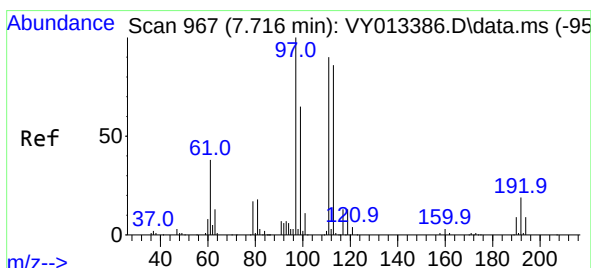
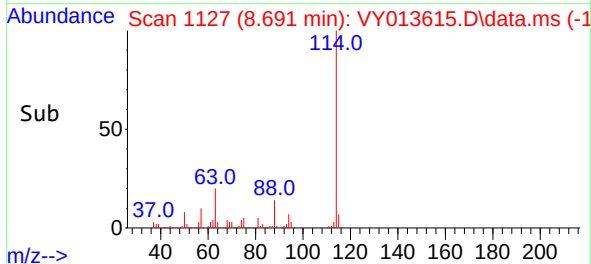
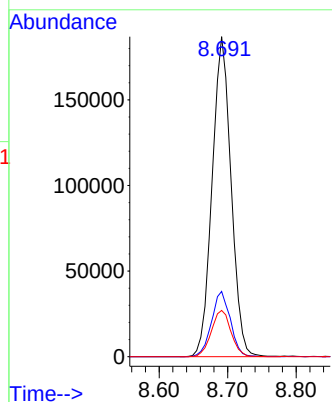
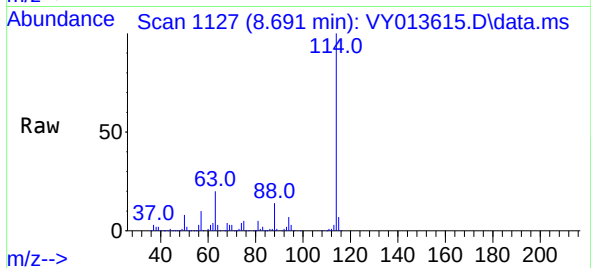
Tgt Ion:114 Resp: 358646

Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.6

88 14.4 0.0 28.8



#35

Dibromofluoromethane

Concen: 54.879 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY013615.D

Acq: 05 May 2023 11:14

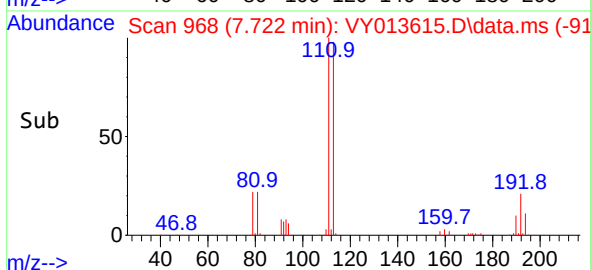
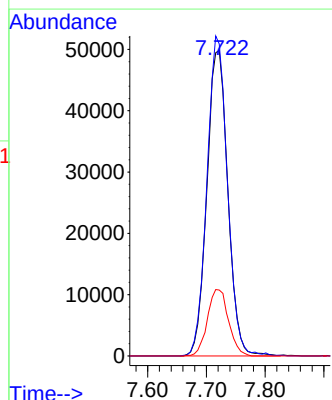
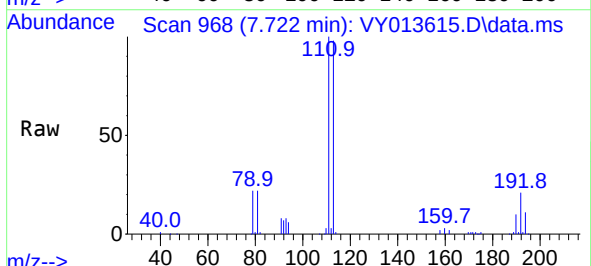
Tgt Ion:113 Resp: 123792

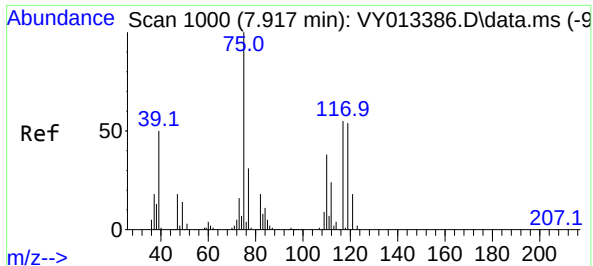
Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.2

192 21.8 16.7 25.1





#36

1,1-Dichloropropene

Concen: 4.705 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY013615.D

Acq: 05 May 2023 11:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0505SBL01

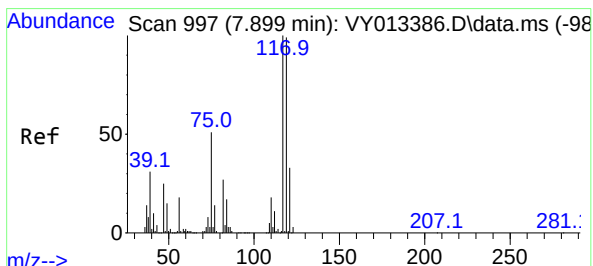
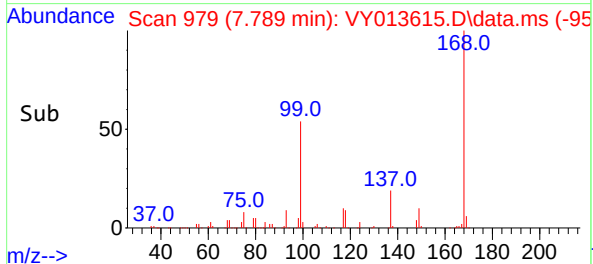
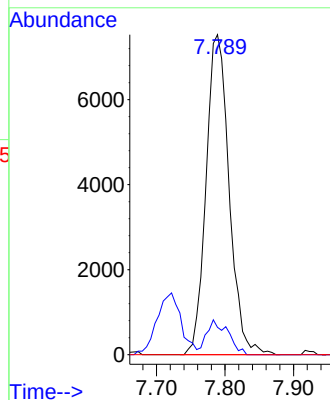
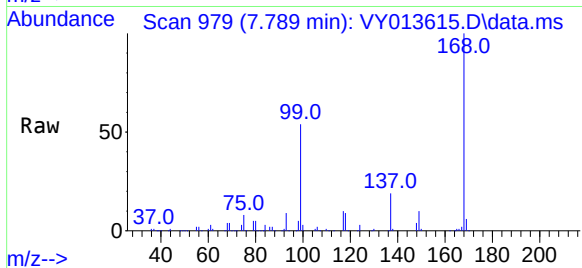
Tgt Ion: 75 Resp: 17614

Ion Ratio Lower Upper

75 100

110 10.1 18.7 56.1#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.637 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY013615.D

Acq: 05 May 2023 11:14

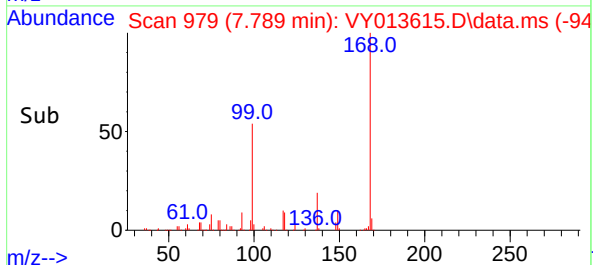
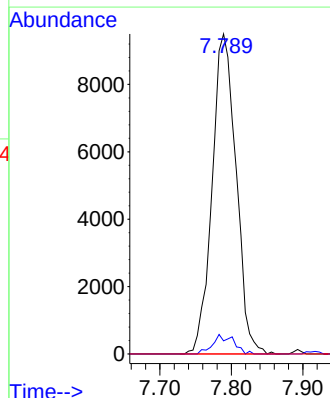
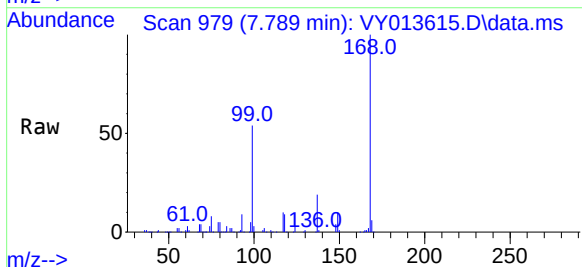
Tgt Ion: 117 Resp: 22118

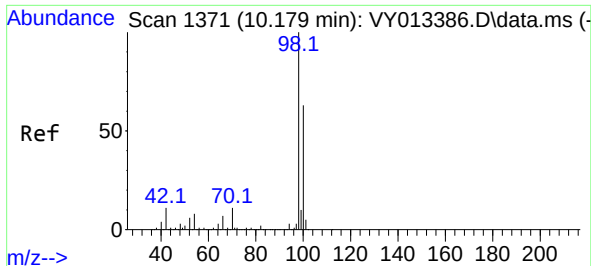
Ion Ratio Lower Upper

117 100

119 4.1 79.0 118.6#

121 0.0 26.6 40.0#

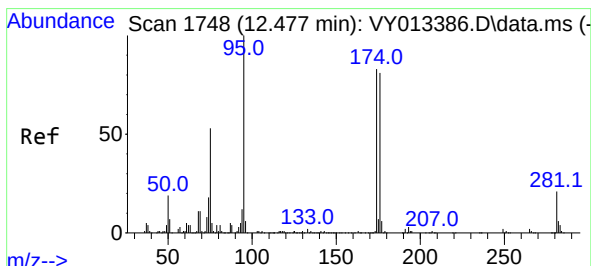
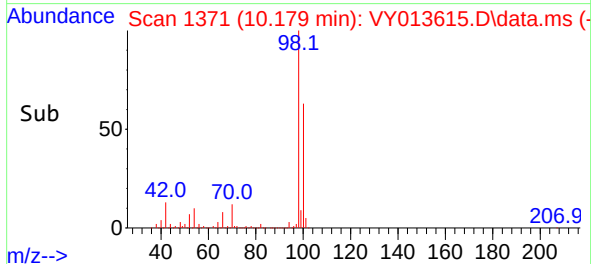
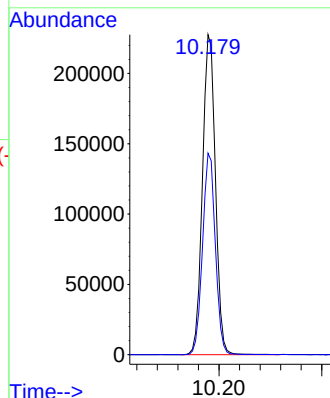
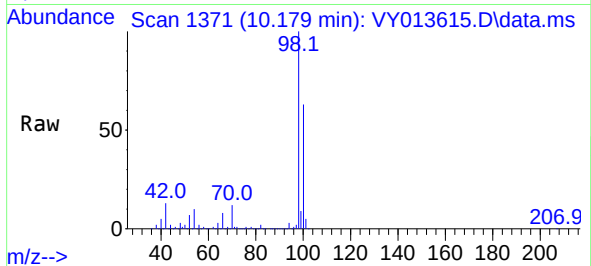




#50
Toluene-d8
Concen: 49.480 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013615.D
Acq: 05 May 2023 11:14

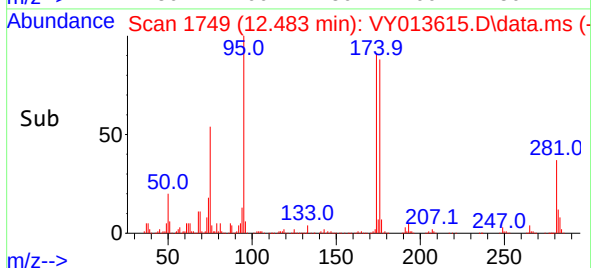
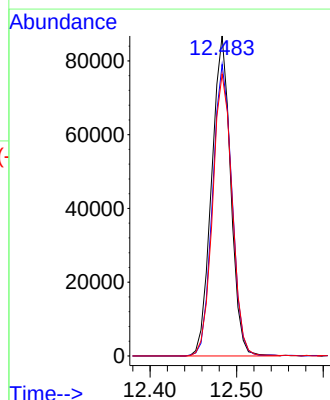
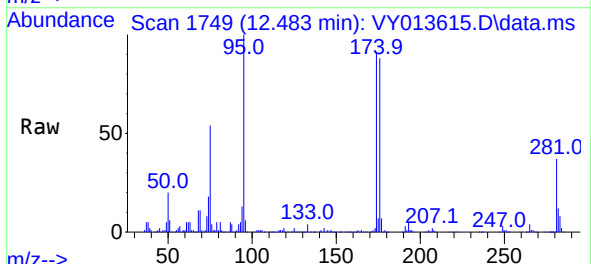
Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBL01

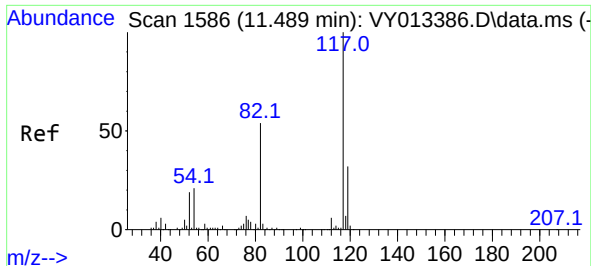
Tgt Ion: 98 Resp: 397052
Ion Ratio Lower Upper
98 100
100 62.1 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 49.089 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013615.D
Acq: 05 May 2023 11:14

Tgt Ion: 95 Resp: 132800
Ion Ratio Lower Upper
95 100
174 92.3 0.0 182.0
176 90.1 0.0 175.4

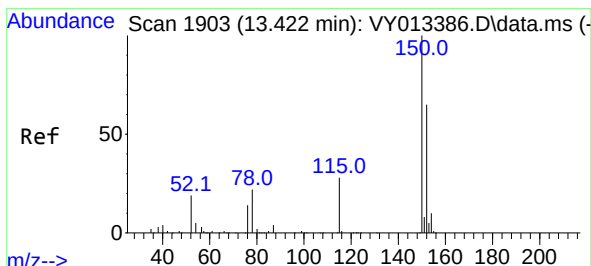
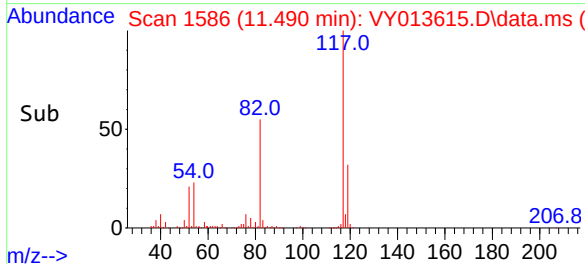
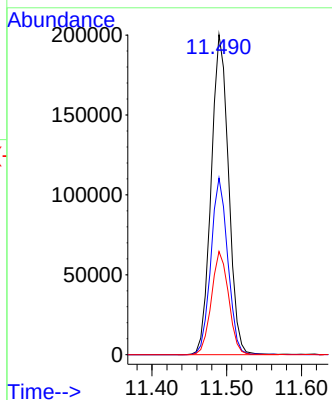
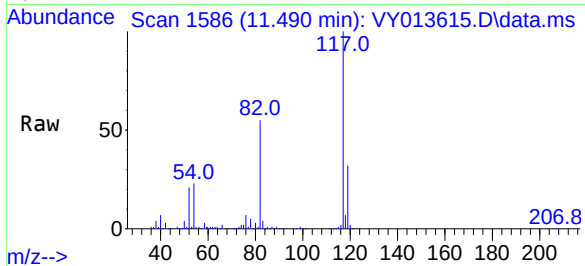




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY013615.D
Acq: 05 May 2023 11:14

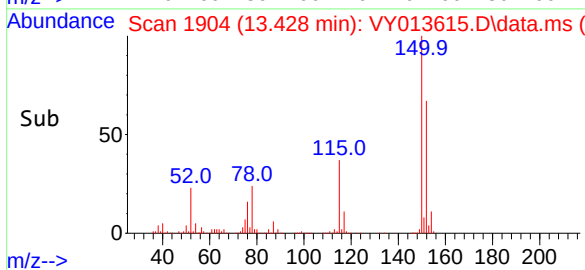
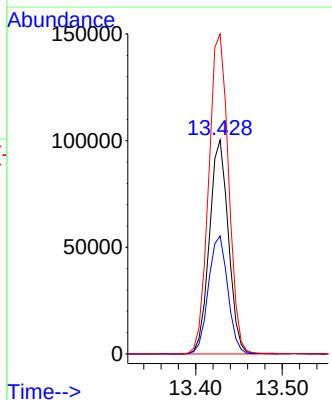
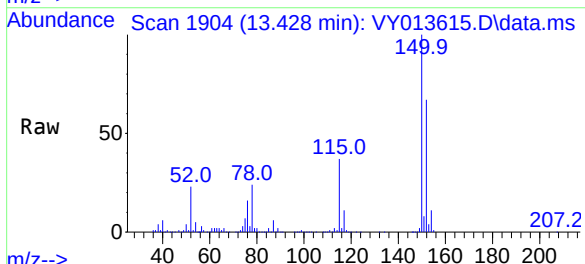
Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBL01

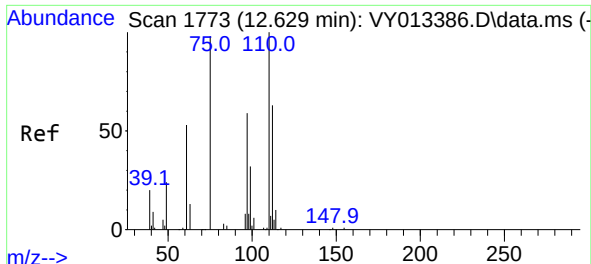
Tgt Ion:	117	Resp:	324072
Ion	Ratio	Lower	Upper
117	100		
82	55.2	43.0	64.6
119	32.2	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY013615.D
Acq: 05 May 2023 11:14

Tgt Ion:	152	Resp:	153148
Ion	Ratio	Lower	Upper
152	100		
115	56.3	28.1	84.2
150	156.2	0.0	352.0

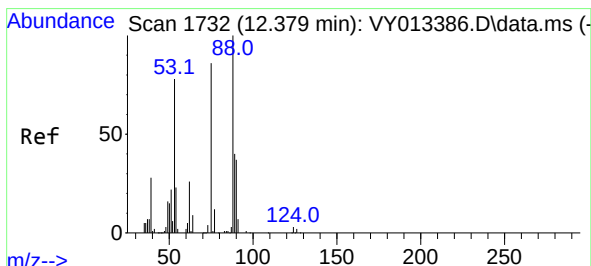
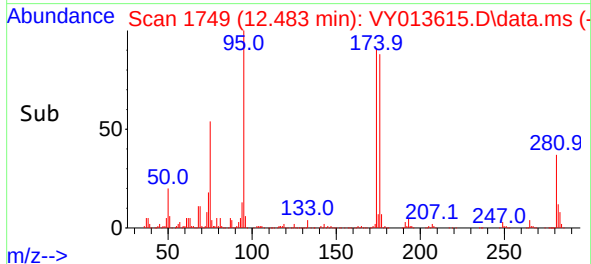
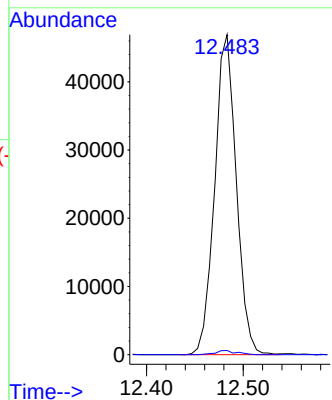
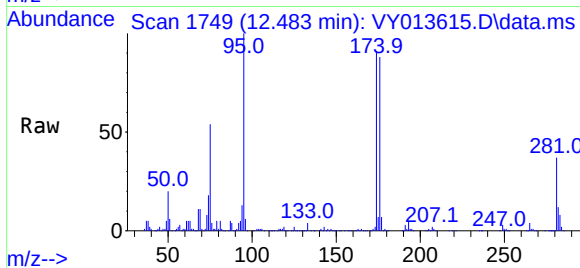




#76
1,2,3-Trichloropropane
Concen: 35.242 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY013615.D
Acq: 05 May 2023 11:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBL01

Tgt Ion: 75 Resp: 72789
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.090 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY013615.D
Acq: 05 May 2023 11:14

Tgt Ion: 75 Resp: 72789
Ion Ratio Lower Upper
75 100
53 0.1 73.2 109.8#
89 0.5 38.0 57.0#

