

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042523\
 Data File : VY013449.D
 Acq On : 25 Apr 2023 16:16
 Operator : KP/MD
 Sample : 02472-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FP-1

Quant Time: Apr 26 02:51:28 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)

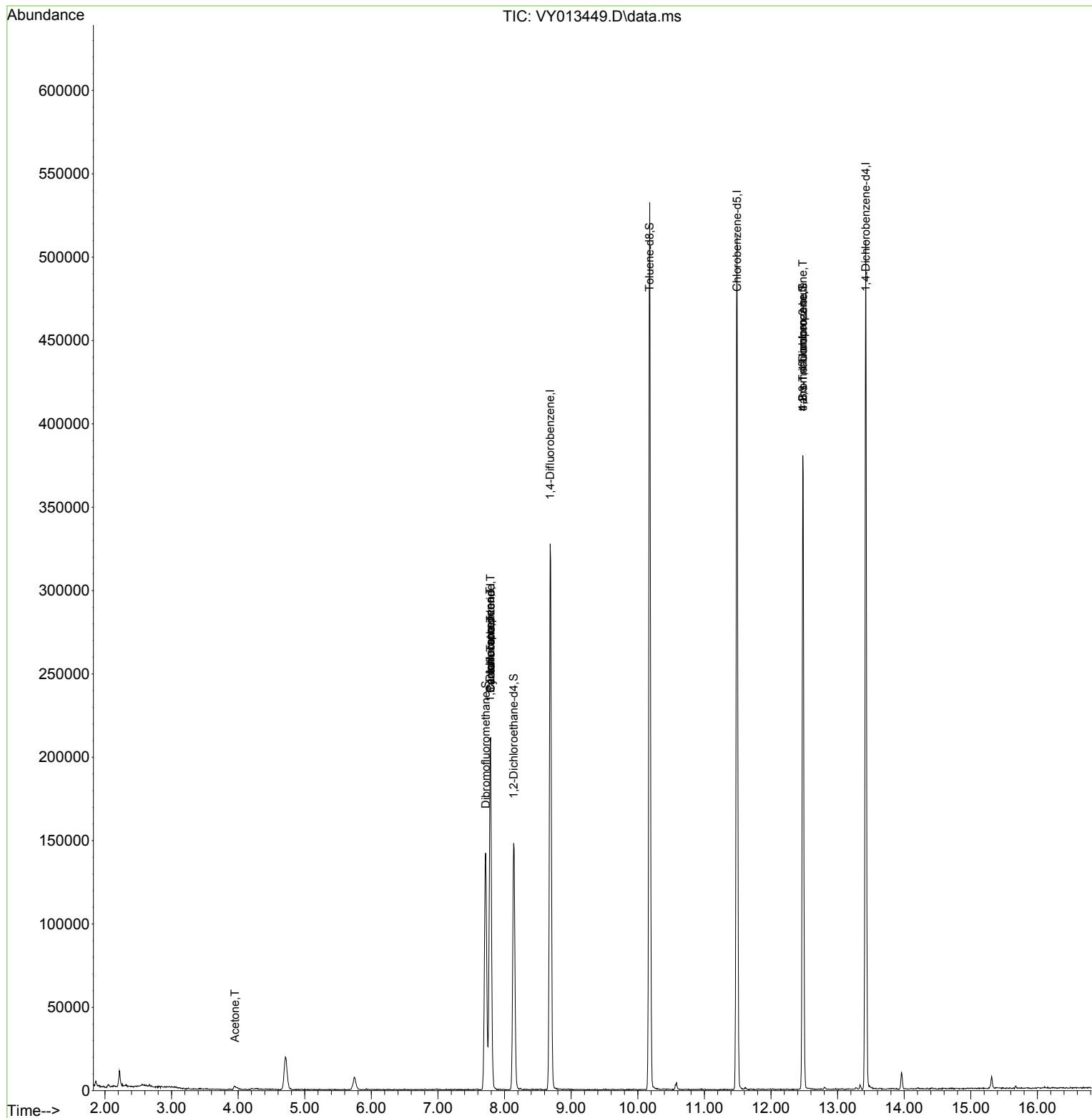
Internal Standards						
1) Pentafluorobenzene	7.789	168	163523	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	279150	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	265548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	124166	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	119971	66.927	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.860%
35) Dibromofluoromethane	7.716	113	98001	55.818	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.640%
50) Toluene-d8	10.179	98	340119	54.455	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.920%
62) 4-Bromofluorobenzene	12.477	95	107580	51.092	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.180%
Target Compounds						
13) Acrolein	3.954	56	38	Below Cal	#	16
16) Acetone	3.954	43	3631	5.144	ug/l	98
20) Methylene Chloride	4.716	84	13919	Below Cal		96
31) Cyclohexane	7.789	56	3934	1.226	ug/l	# 46
36) 1,1-Dichloropropene	7.783	75	12307	4.224	ug/l	# 51
38) Carbon Tetrachloride	7.789	117	15956	5.224	ug/l	# 16
76) 1,2,3-Trichloropropane	12.477	75	59353	35.445	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	59353	72.504	ug/l	# 13

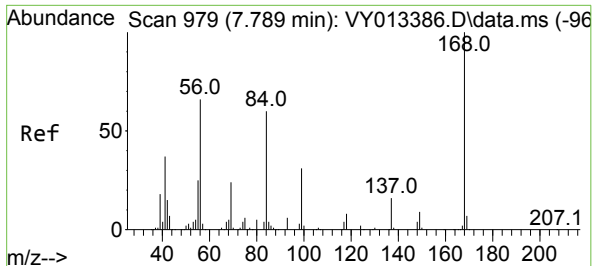
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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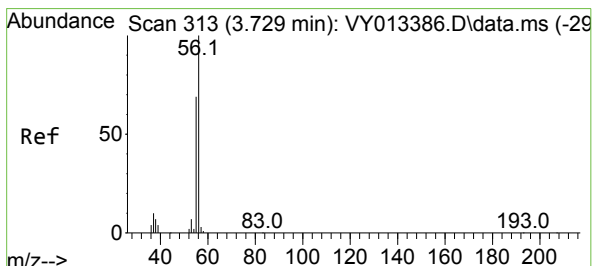
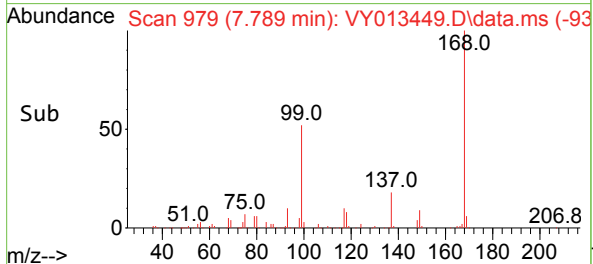
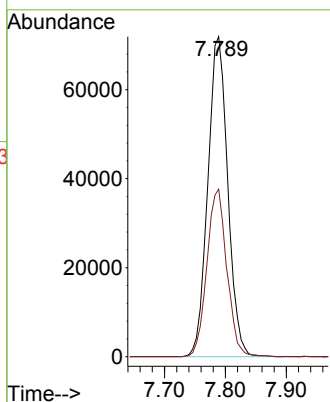
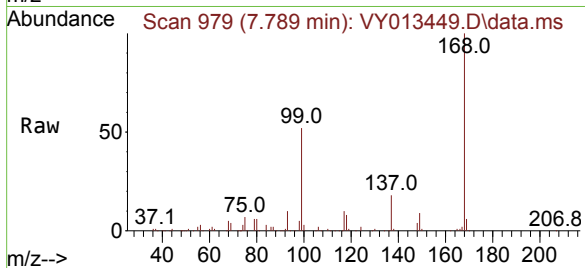




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013449.D
Acq: 25 Apr 2023 16:16

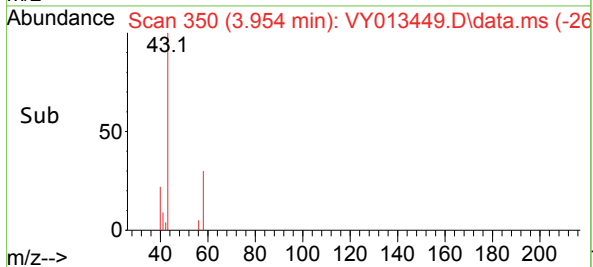
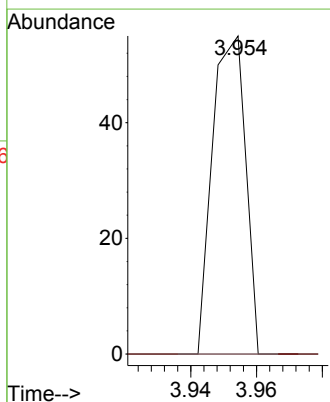
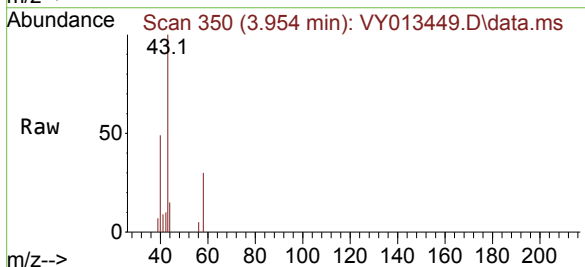
Instrument :
MSVOA_Y
ClientSampleId :
FP-1

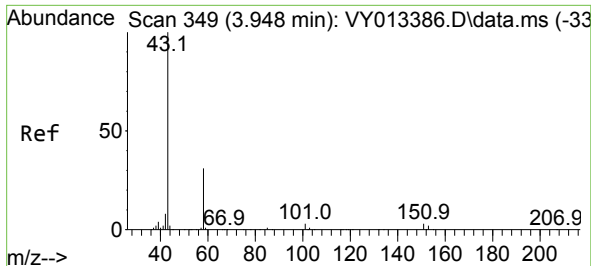
Tgt Ion:168 Resp: 163523
Ion Ratio Lower Upper
168 100
99 52.4 41.8 62.6



#13
Acrolein
Concen: Below Cal
RT: 3.954 min Scan# 350
Delta R.T. 0.225 min
Lab File: VY013449.D
Acq: 25 Apr 2023 16:16

Tgt Ion: 56 Resp: 38
Ion Ratio Lower Upper
56 100
55 0.0 54.1 81.1#

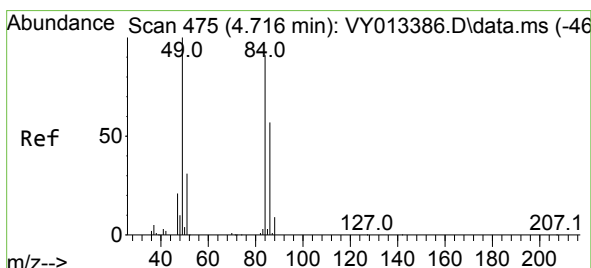
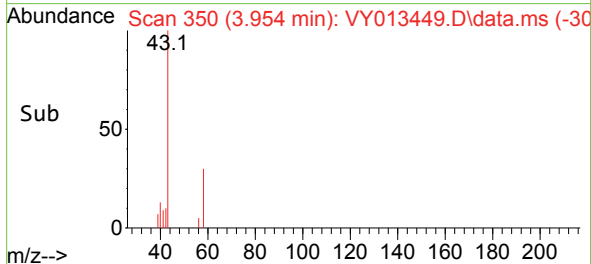
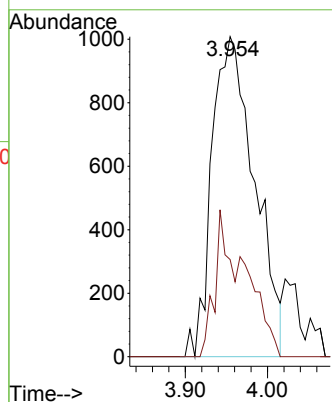
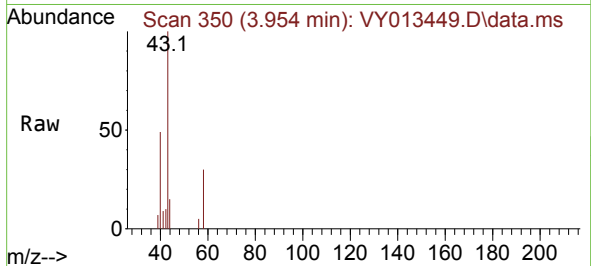




#16
Acetone
Concen: 5.144 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY013449.D
Acq: 25 Apr 2023 16:16

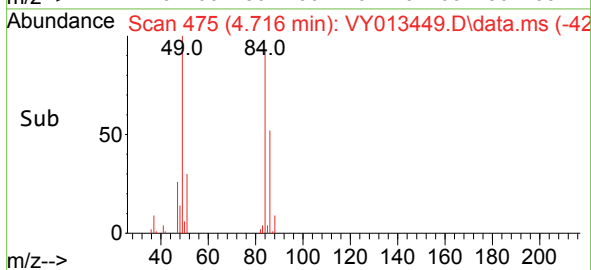
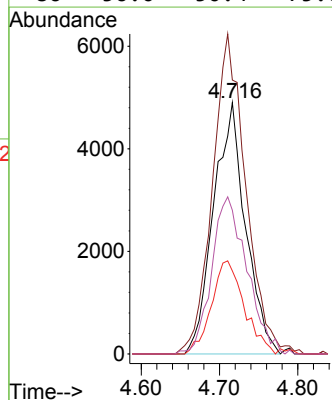
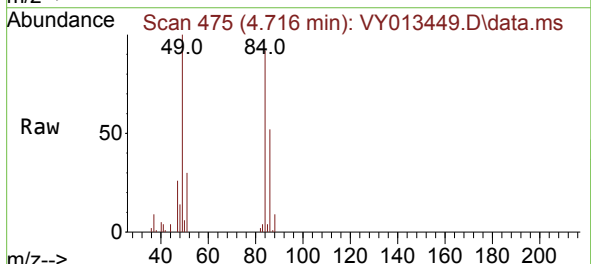
Instrument :
MSVOA_Y
ClientSampleId :
FP-1

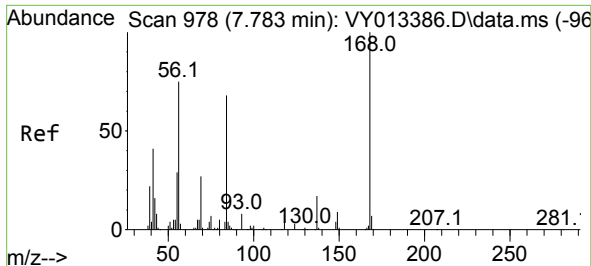
Tgt Ion: 43 Resp: 3631
Ion Ratio Lower Upper
43 100
58 30.4 25.4 38.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013449.D
Acq: 25 Apr 2023 16:16

Tgt Ion: 84 Resp: 13919
Ion Ratio Lower Upper
84 100
49 107.4 88.0 132.0
51 33.1 27.4 41.0
86 56.0 50.4 75.6

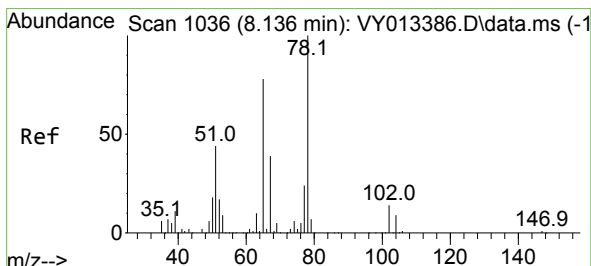
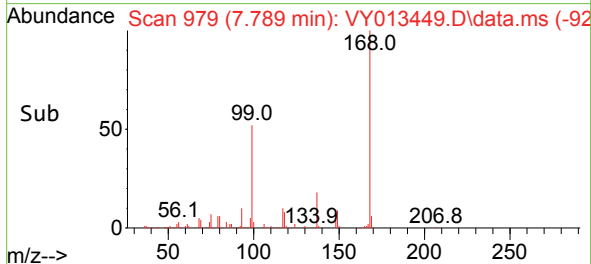
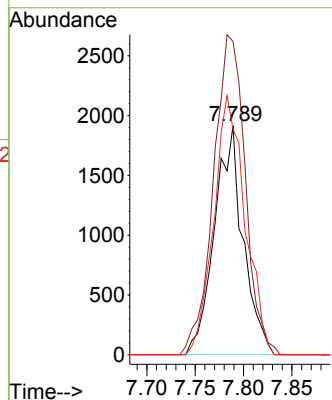
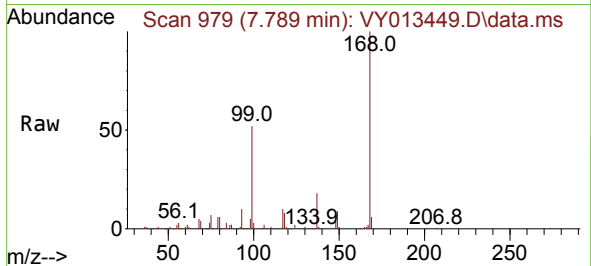




#31
Cyclohexane
Concen: 1.226 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013449.D
Acq: 25 Apr 2023 16:16

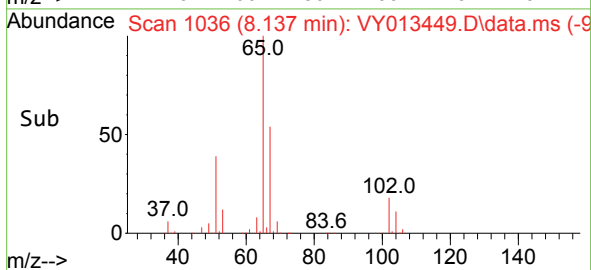
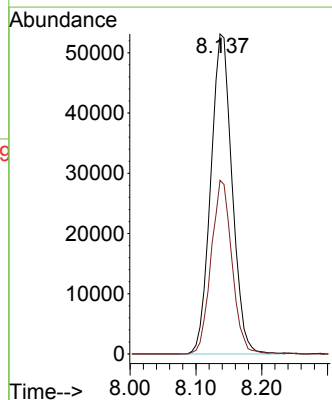
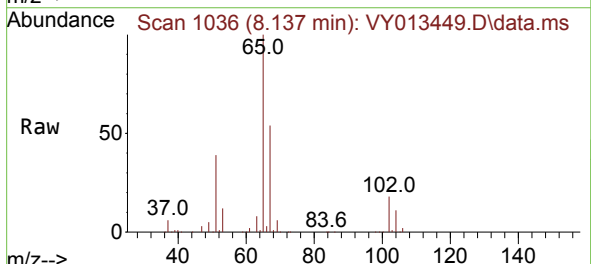
Instrument :
MSVOA_Y
ClientSampleId :
FP-1

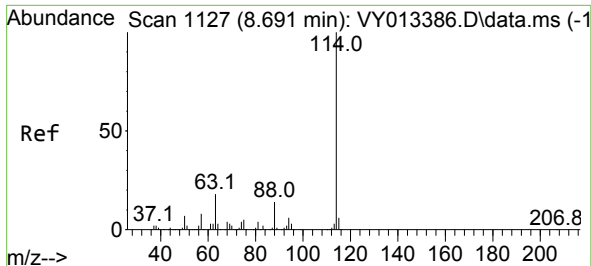
Tgt Ion: 56 Resp: 3934
Ion Ratio Lower Upper
56 100
69 136.9 29.2 43.8#
84 98.5 73.0 109.6



#33
1,2-Dichloroethane-d4
Concen: 66.927 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY013449.D
Acq: 25 Apr 2023 16:16

Tgt Ion: 65 Resp: 119971
Ion Ratio Lower Upper
65 100
67 52.9 0.0 103.4

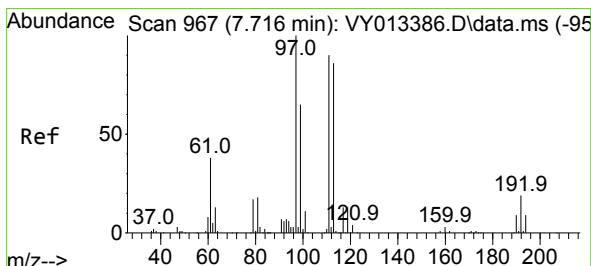
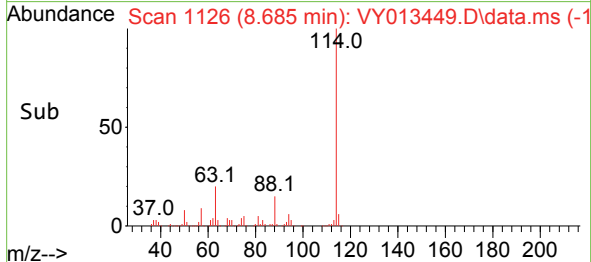
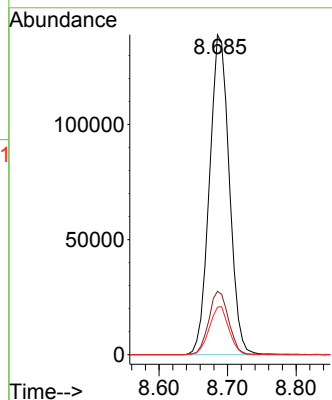
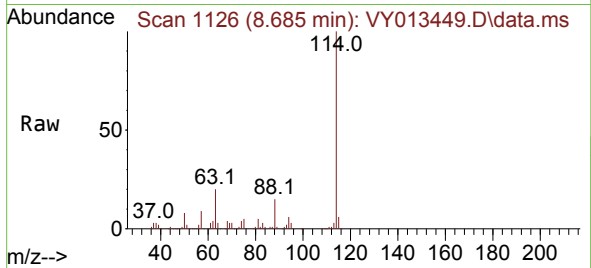




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY013449.D
Acq: 25 Apr 2023 16:16

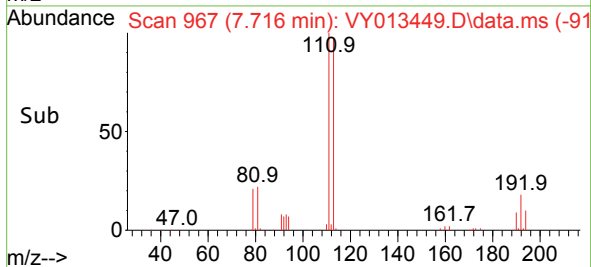
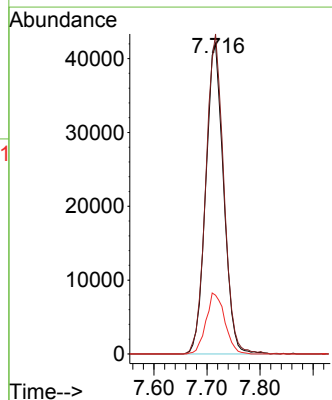
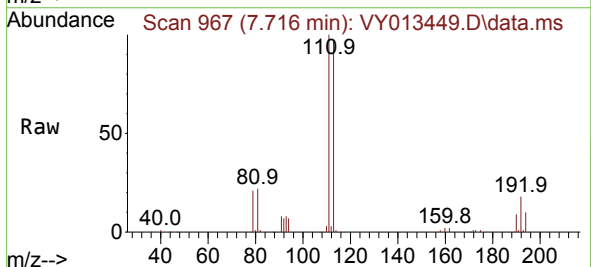
Instrument :
MSVOA_Y
ClientSampleId :
FP-1

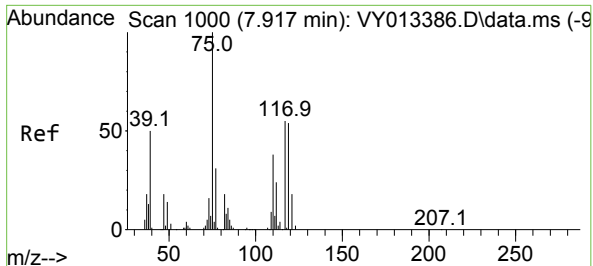
Tgt Ion:114 Resp: 279150
Ion Ratio Lower Upper
114 100
63 19.8 0.0 36.6
88 14.8 0.0 28.8



#35
Dibromofluoromethane
Concen: 55.818 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013449.D
Acq: 25 Apr 2023 16:16

Tgt Ion:113 Resp: 98001
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.2
192 20.7 16.7 25.1





#36

1,1-Dichloropropene

Concen: 4.224 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY013449.D

Acq: 25 Apr 2023 16:16

Instrument :

MSVOA_Y

ClientSampleId :

FP-1

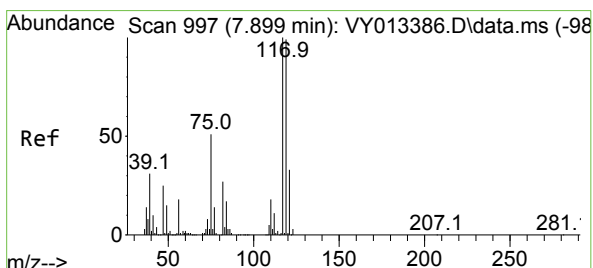
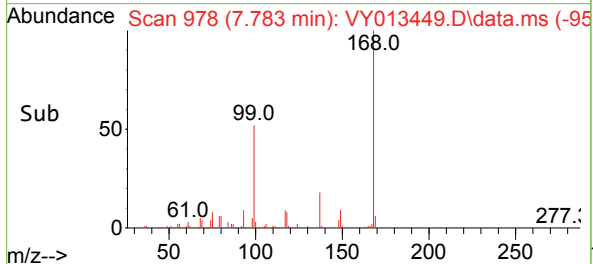
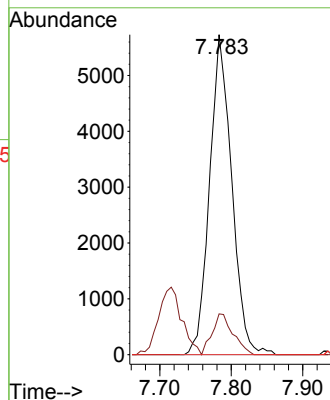
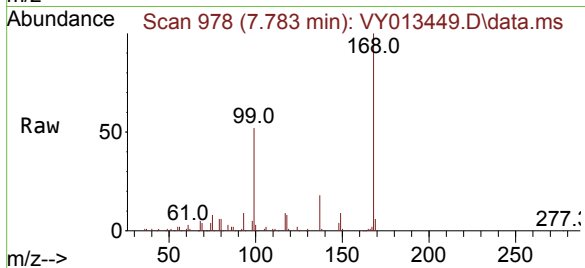
Tgt Ion: 75 Resp: 12307

Ion Ratio Lower Upper

75 100

110 12.0 18.7 56.1#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.224 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY013449.D

Acq: 25 Apr 2023 16:16

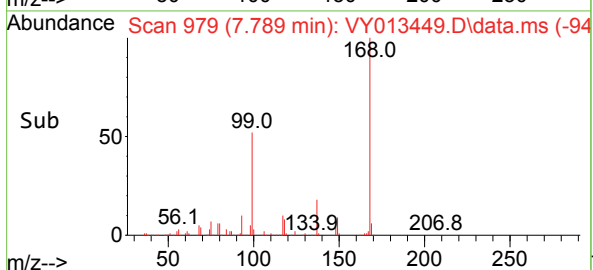
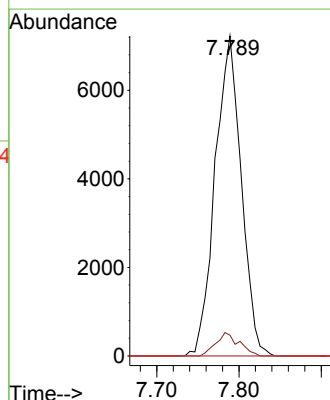
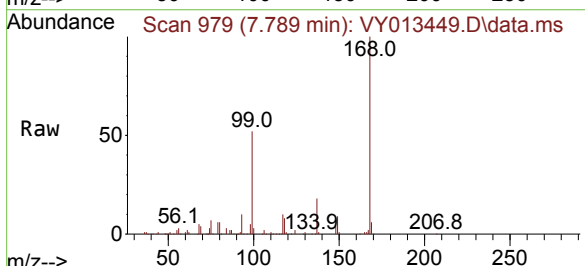
Tgt Ion: 117 Resp: 15956

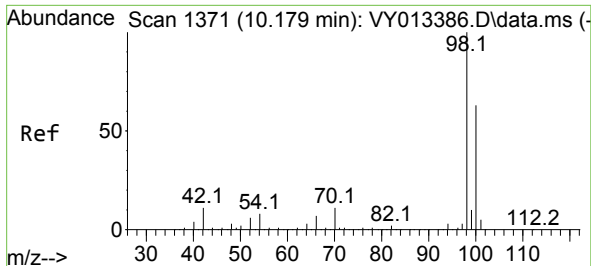
Ion Ratio Lower Upper

117 100

119 6.5 79.0 118.6#

121 0.0 26.6 40.0#

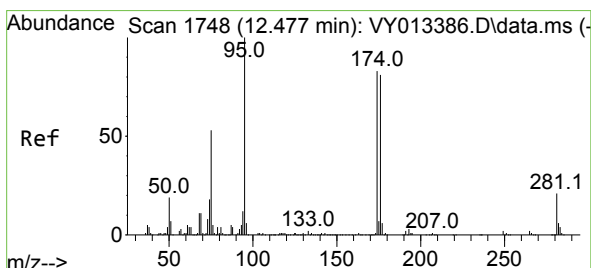
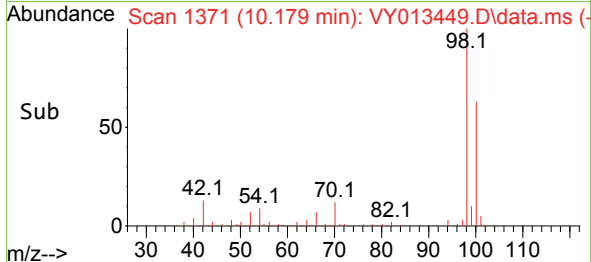
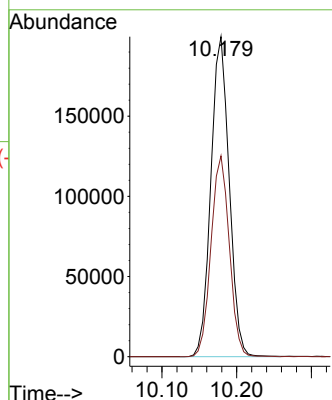
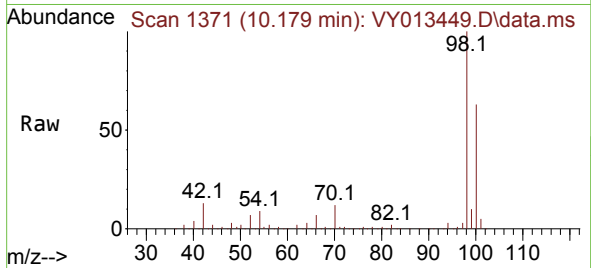




#50
Toluene-d8
Concen: 54.455 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013449.D
Acq: 25 Apr 2023 16:16

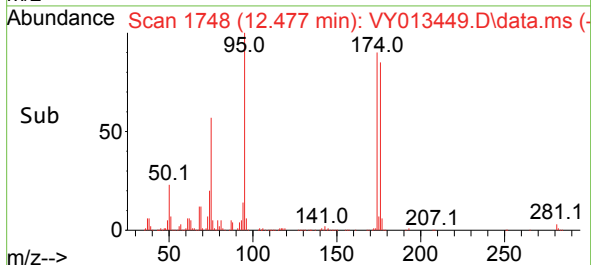
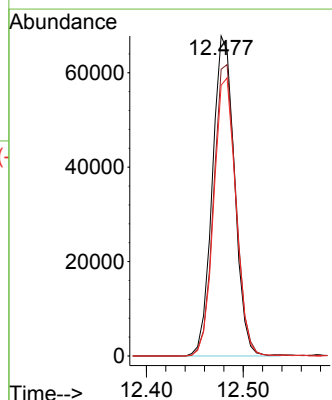
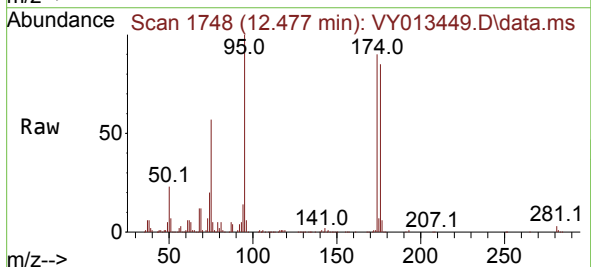
Instrument :
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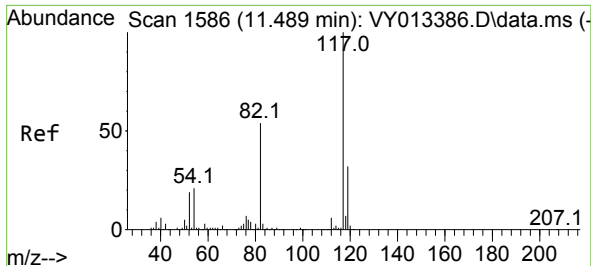
Tgt Ion: 98 Resp: 340119
Ion Ratio Lower Upper
98 100
100 62.6 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 51.092 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013449.D
Acq: 25 Apr 2023 16:16

Tgt Ion: 95 Resp: 107580
Ion Ratio Lower Upper
95 100
174 91.6 0.0 182.0
176 87.1 0.0 175.4

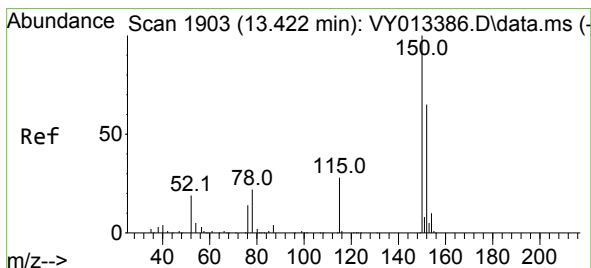
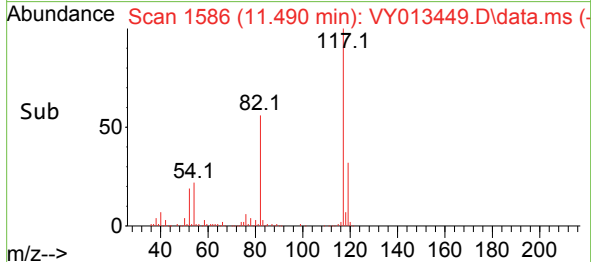
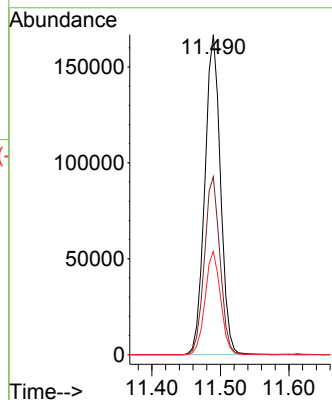
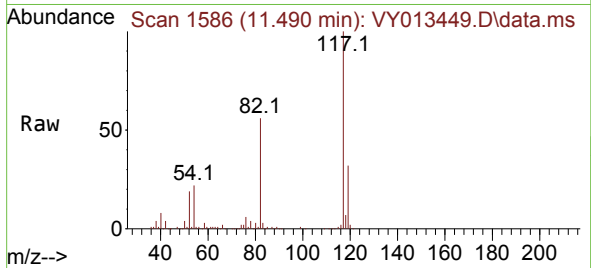




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY013449.D
Acq: 25 Apr 2023 16:16

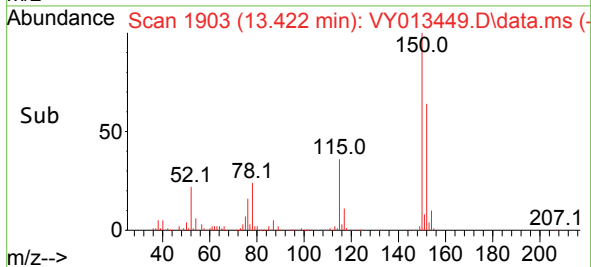
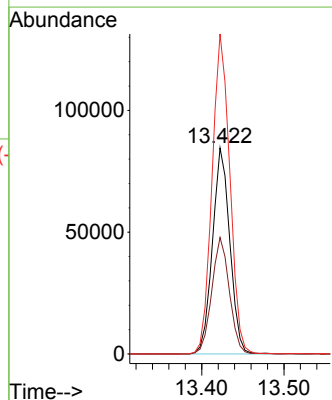
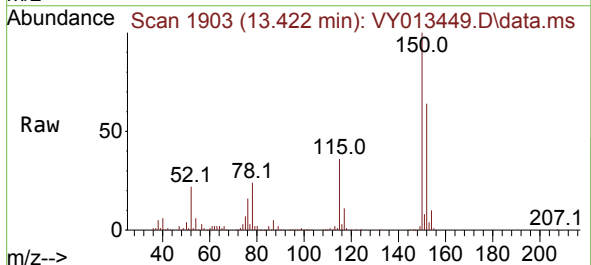
Instrument :
MSVOA_Y
ClientSampleId :
FP-1

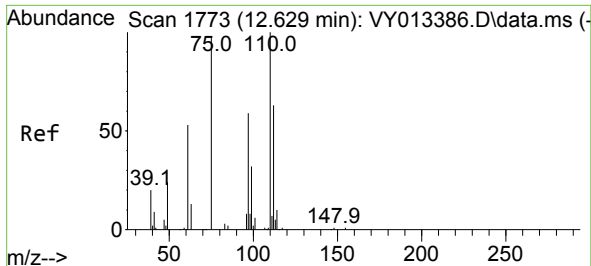
Tgt Ion:117 Resp: 265548
Ion Ratio Lower Upper
117 100
82 55.6 43.0 64.6
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY013449.D
Acq: 25 Apr 2023 16:16

Tgt Ion:152 Resp: 124166
Ion Ratio Lower Upper
152 100
115 57.2 28.1 84.2
150 159.0 0.0 352.0

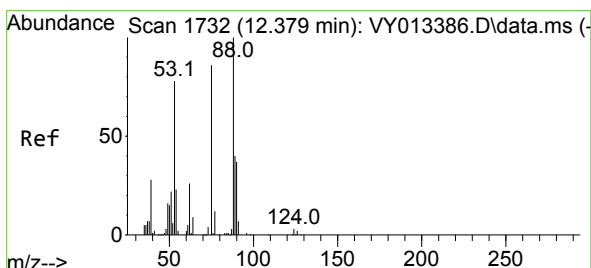
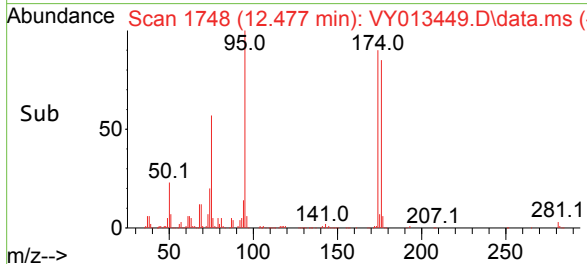
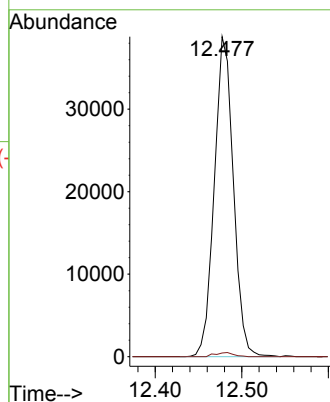
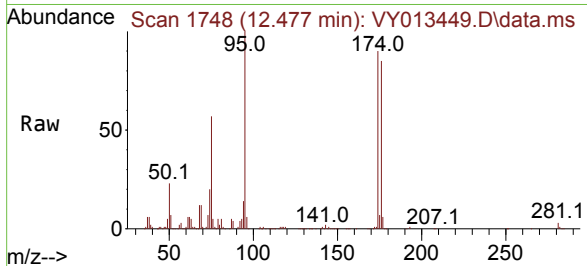




#76
1,2,3-Trichloropropane
Concen: 35.445 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY013449.D
Acq: 25 Apr 2023 16:16

Instrument :
MSVOA_Y
ClientSampleId :
FP-1

Tgt Ion: 75 Resp: 59353
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.504 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY013449.D
Acq: 25 Apr 2023 16:16

Tgt Ion: 75 Resp: 59353
Ion Ratio Lower Upper
75 100
53 0.2 73.2 109.8#
89 0.0 38.0 57.0#

