

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013123\
 Data File : VY012425.D
 Acq On : 31 Jan 2023 17:09
 Operator : KP/MD
 Sample : 01371-02
 Misc : 6.51g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 2-RT-15-N

Quant Time: Feb 01 01:25:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

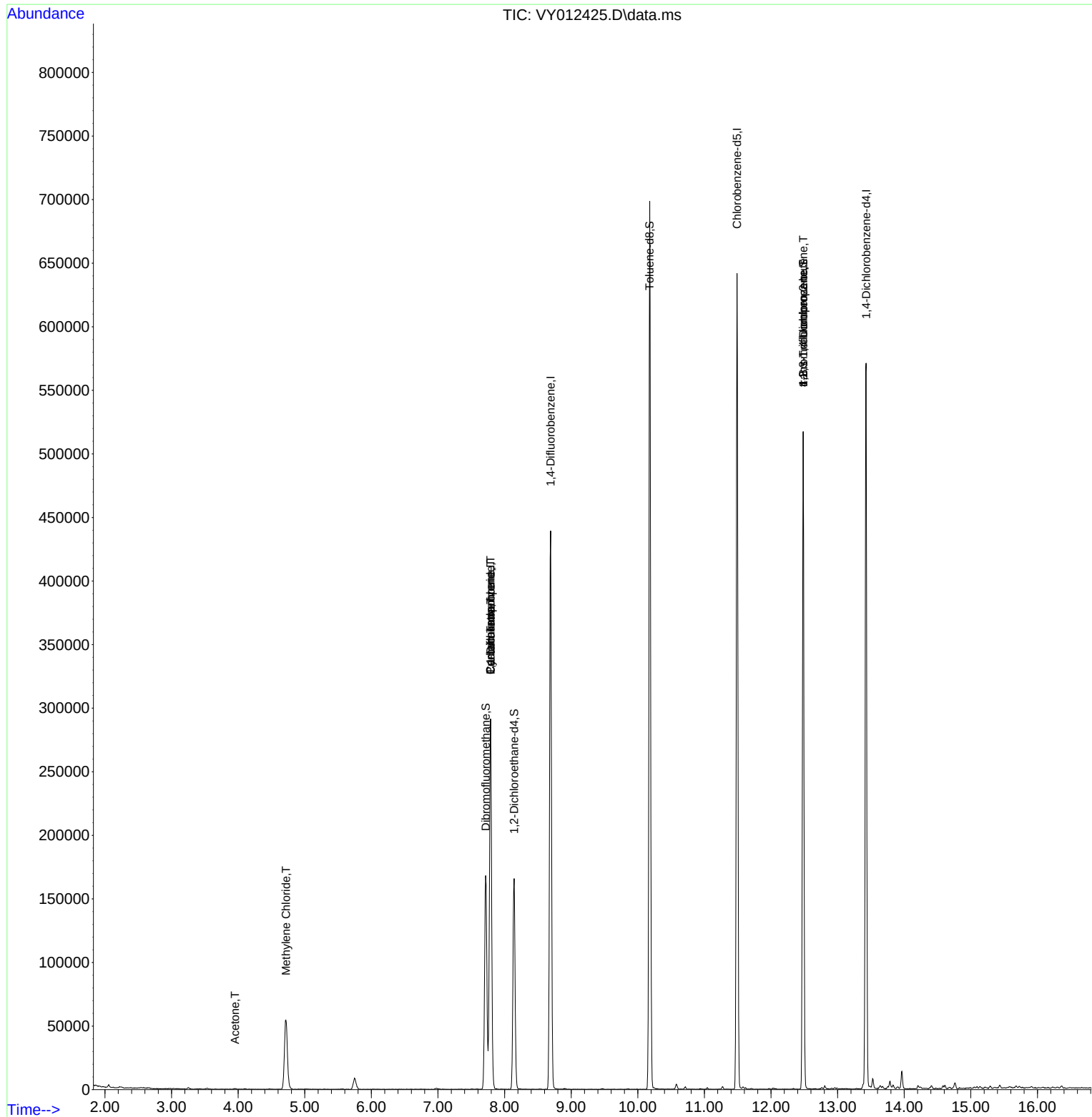
Internal Standards						
1) Pentafluorobenzene	7.789	168	233024	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	397028	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	366689	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	157513	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	134586	71.359	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 142.720%	
35) Dibromofluoromethane	7.716	113	119997	57.080	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.160%	
50) Toluene-d8	10.179	98	462967	64.846	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 129.700%	
62) 4-Bromofluorobenzene	12.483	95	148791	50.207	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.420%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	190	Below Cal	#	74
16) Acetone	3.954	43	844	1.301	ug/l	96
20) Methylene Chloride	4.716	84	45860	10.625	ug/l	88
31) Cyclohexane	7.789	56	3940	1.160	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	15220	4.260	ug/l #	50
38) Carbon Tetrachloride	7.789	117	22799	4.941	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	75391	52.052	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	75391	107.249	ug/l #	13

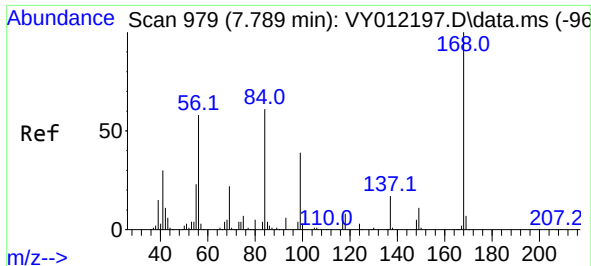
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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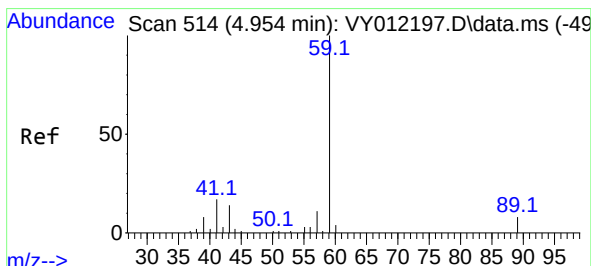
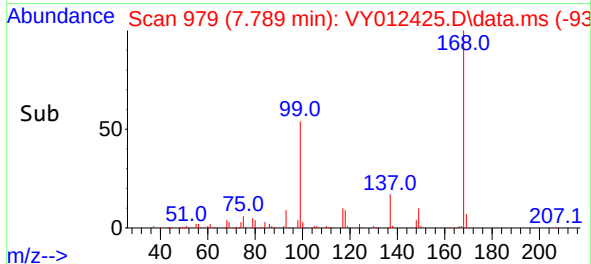
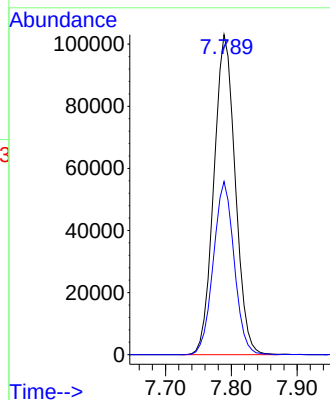
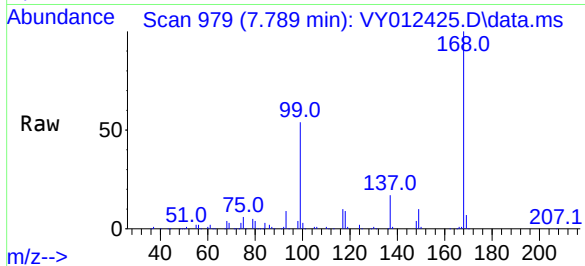




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012425.D
Acq: 31 Jan 2023 17:09

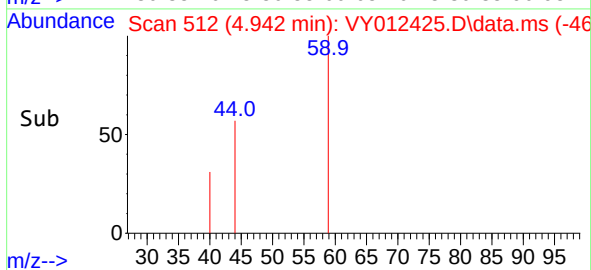
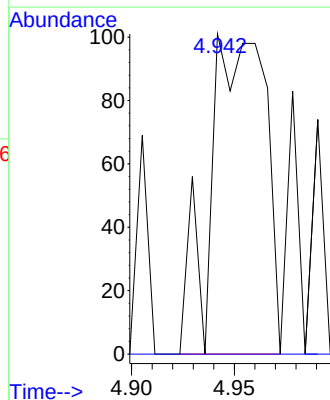
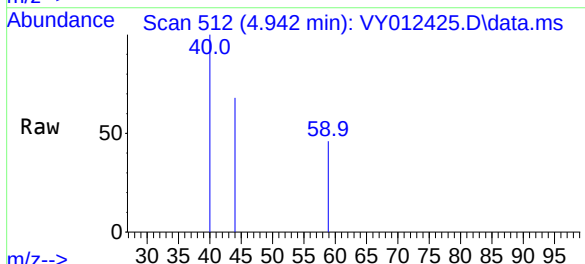
Instrument :
MSVOA_Y
ClientSampleId :
2-RT-15-N

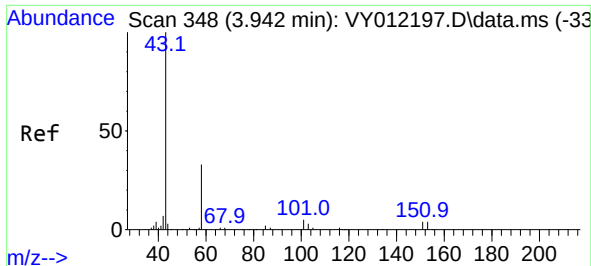
Tgt Ion:168 Resp: 233024
Ion Ratio Lower Upper
168 100
99 54.1 44.0 66.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY012425.D
Acq: 31 Jan 2023 17:09

Tgt Ion: 59 Resp: 190
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

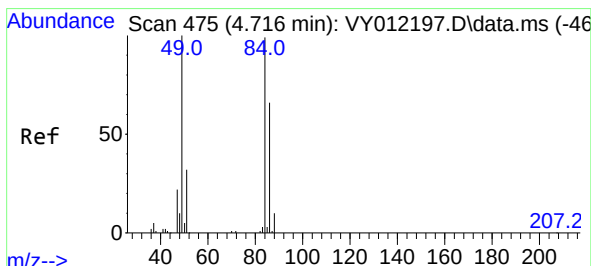
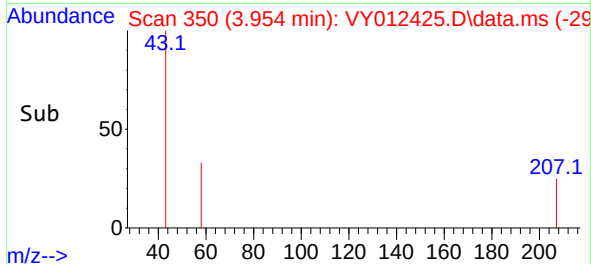
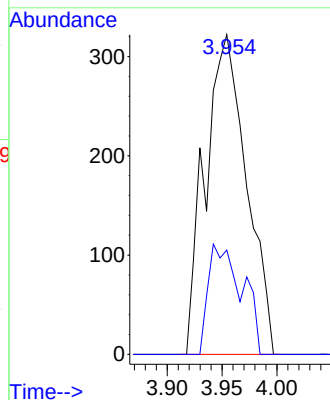
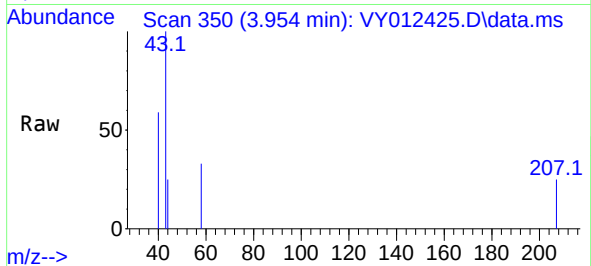




#16
Acetone
Concen: 1.301 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY012425.D
Acq: 31 Jan 2023 17:09

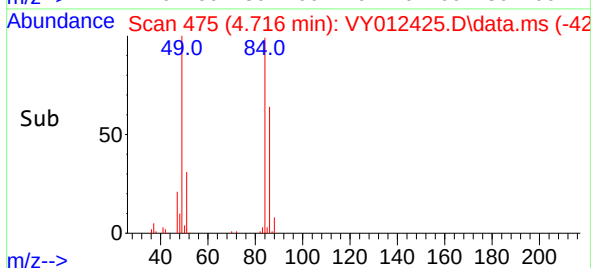
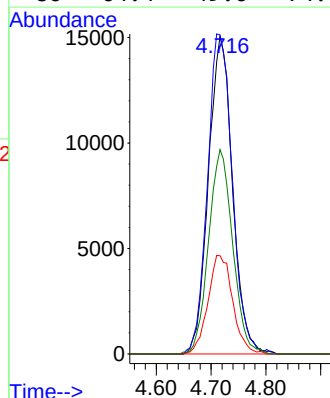
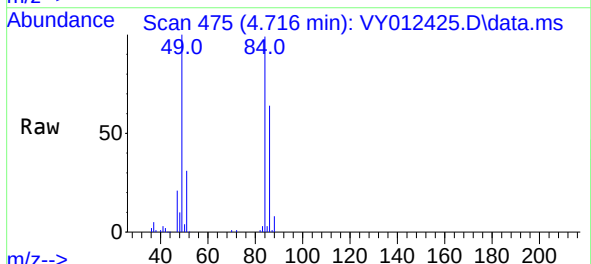
Instrument :
MSVOA_Y
ClientSampleId :
2-RT-15-N

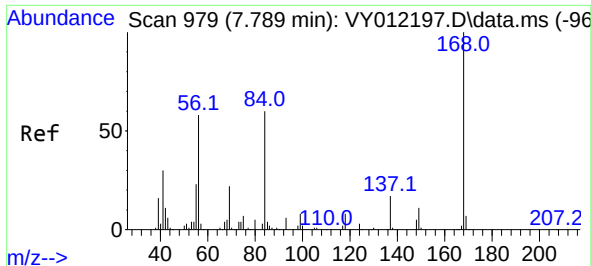
Tgt Ion: 43 Resp: 844
Ion Ratio Lower Upper
43 100
58 32.6 27.9 41.9



#20
Methylene Chloride
Concen: 10.625 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012425.D
Acq: 31 Jan 2023 17:09

Tgt Ion: 84 Resp: 45860
Ion Ratio Lower Upper
84 100
49 100.5 95.4 143.2
51 31.0 29.9 44.9
86 64.4 49.6 74.4

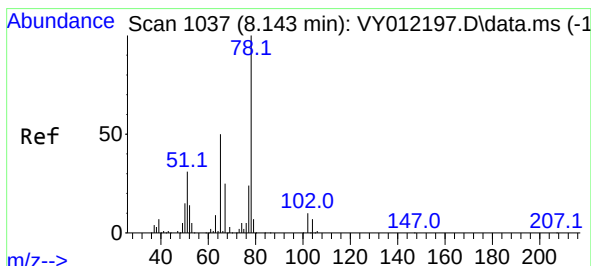
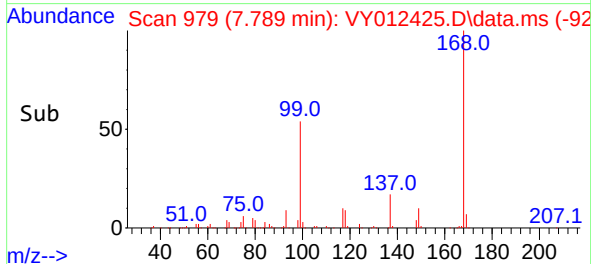
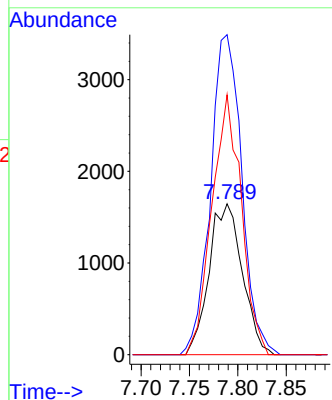
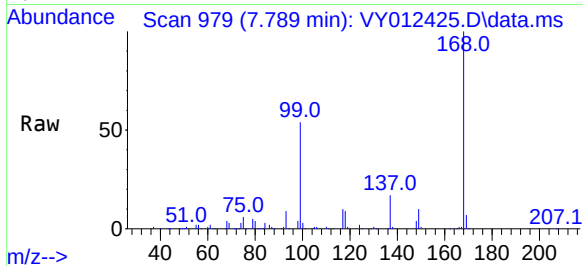




#31
Cyclohexane
Concen: 1.160 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012425.D
Acq: 31 Jan 2023 17:09

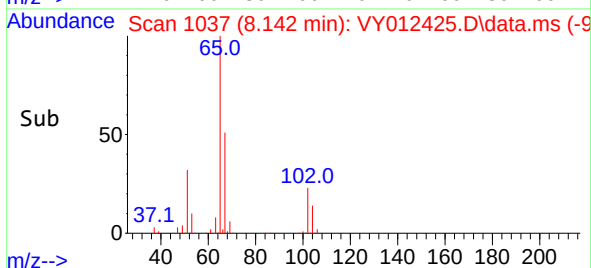
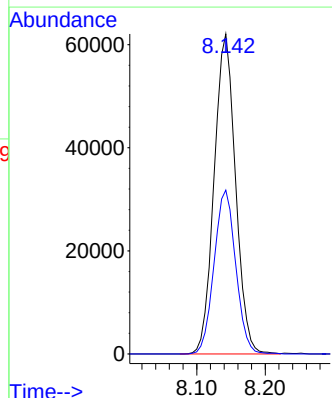
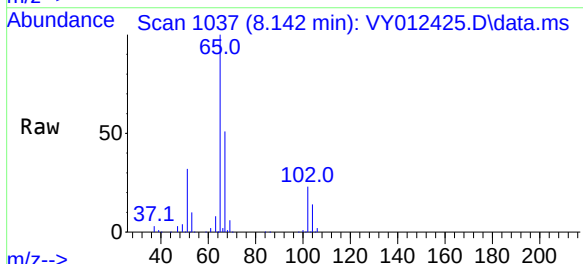
Instrument :
MSVOA_Y
ClientSampleId :
2-RT-15-N

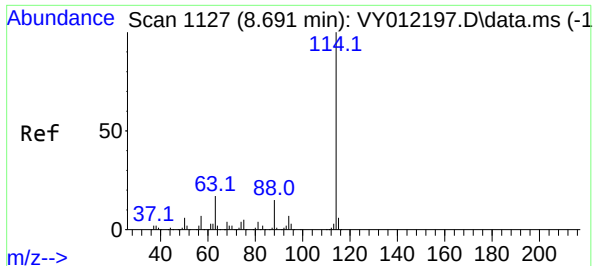
Tgt Ion: 56 Resp: 3940
Ion Ratio Lower Upper
56 100
69 212.1 29.2 43.8#
84 172.2 72.6 108.8#



#33
1,2-Dichloroethane-d4
Concen: 71.359 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012425.D
Acq: 31 Jan 2023 17:09

Tgt Ion: 65 Resp: 134586
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012425.D

Acq: 31 Jan 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

2-RT-15-N

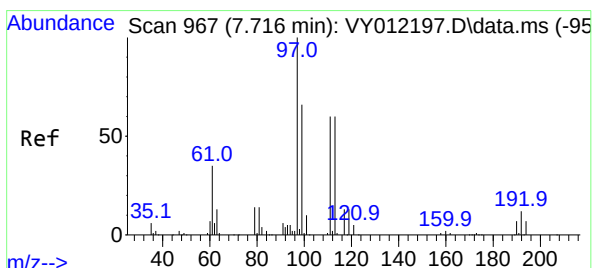
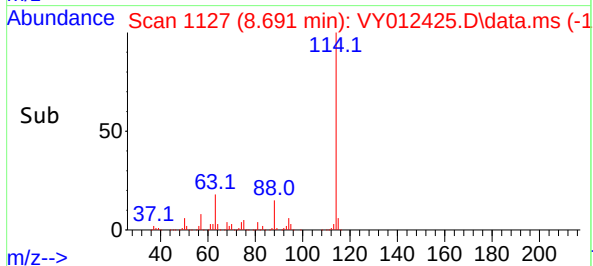
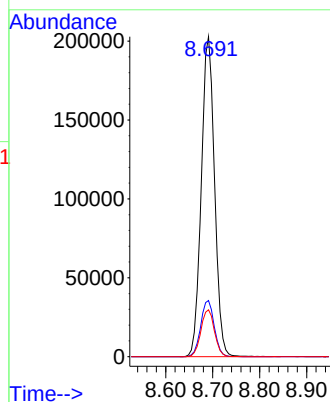
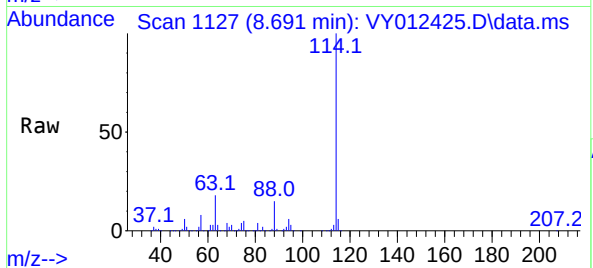
Tgt Ion:114 Resp: 397028

Ion Ratio Lower Upper

114 100

63 17.5 0.0 39.6

88 14.7 0.0 32.2



#35

Dibromofluoromethane

Concen: 57.080 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012425.D

Acq: 31 Jan 2023 17:09

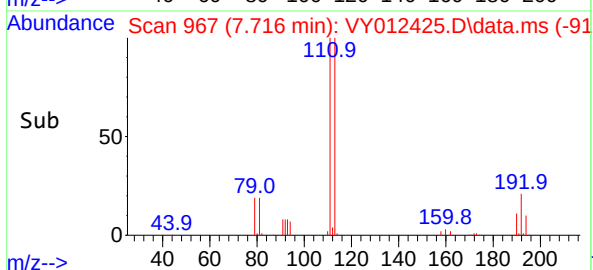
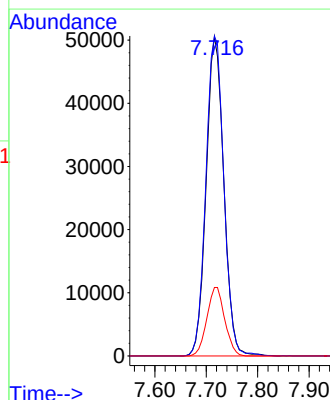
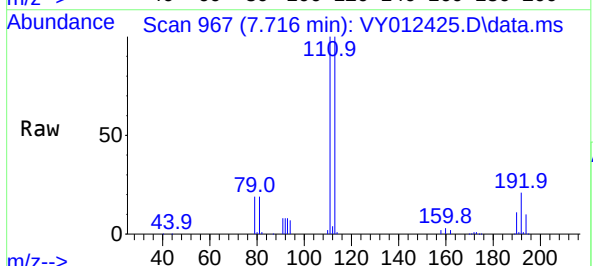
Tgt Ion:113 Resp: 119997

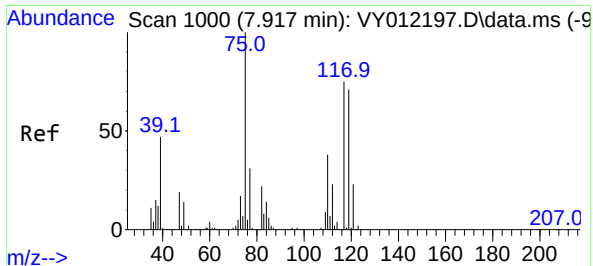
Ion Ratio Lower Upper

113 100

111 102.3 83.0 124.4

192 21.8 16.0 24.0





#36

1,1-Dichloropropene

Concen: 4.260 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY012425.D

Acq: 31 Jan 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

2-RT-15-N

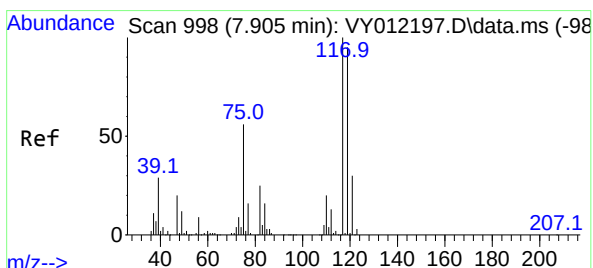
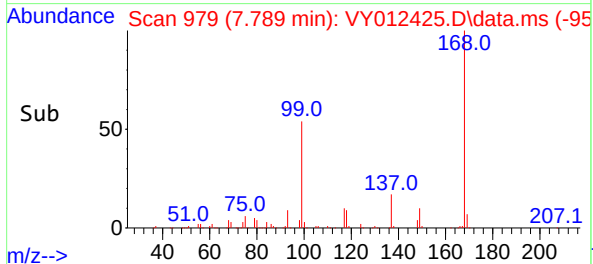
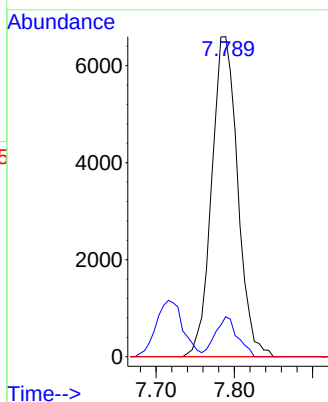
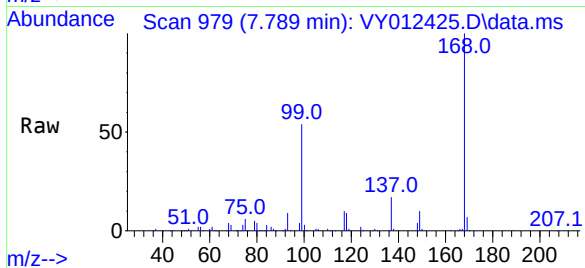
Tgt Ion: 75 Resp: 15220

Ion Ratio Lower Upper

75 100

110 10.6 18.1 54.1#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 4.941 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY012425.D

Acq: 31 Jan 2023 17:09

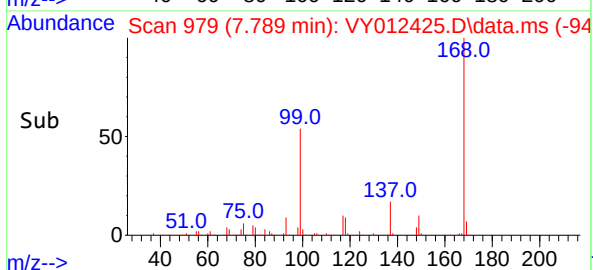
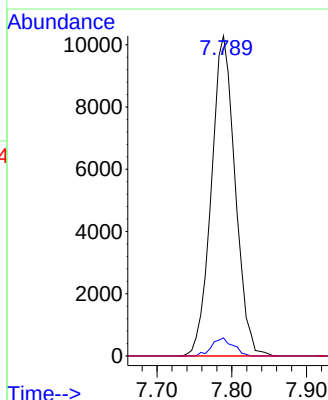
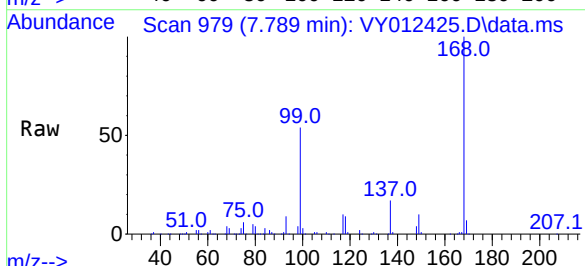
Tgt Ion:117 Resp: 22799

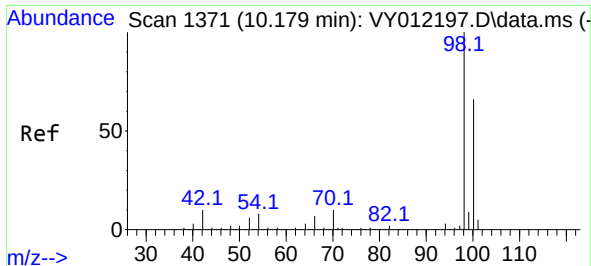
Ion Ratio Lower Upper

117 100

119 5.7 73.8 110.8#

121 0.0 25.2 37.8#

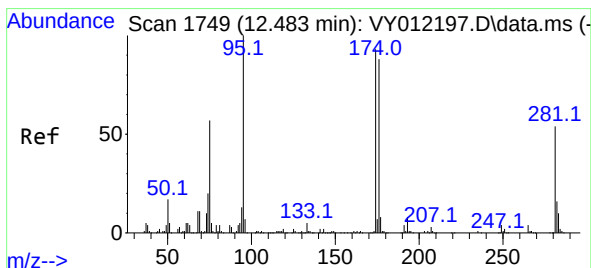
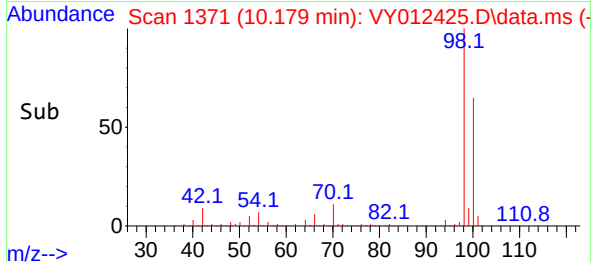
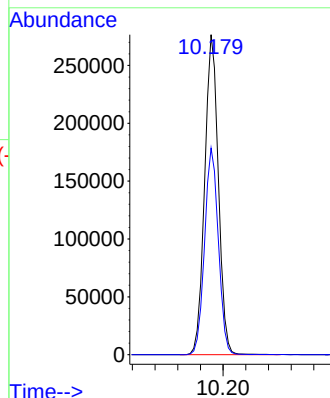
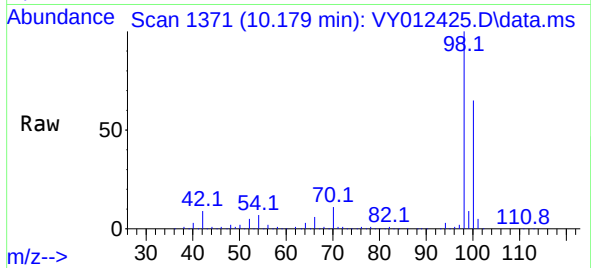




#50
Toluene-d8
Concen: 64.846 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012425.D
Acq: 31 Jan 2023 17:09

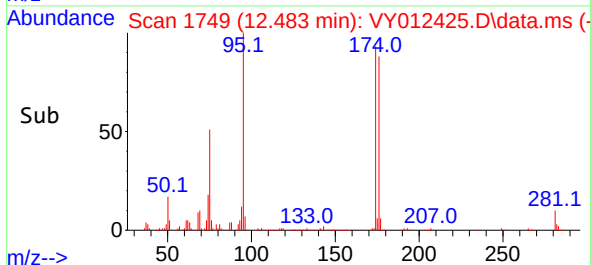
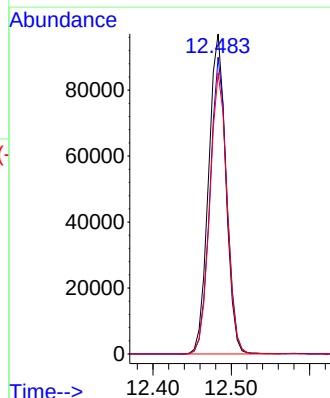
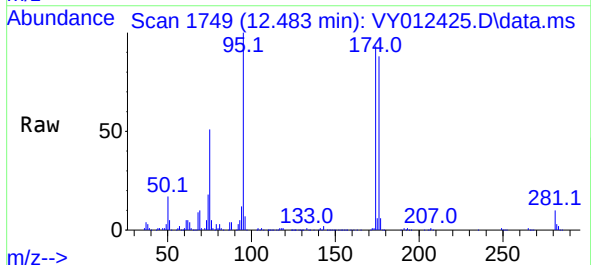
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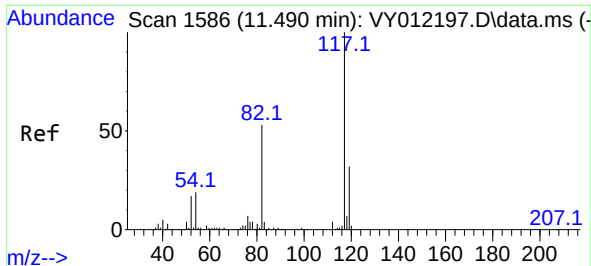
Tgt Ion: 98 Resp: 462967
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 50.207 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012425.D
Acq: 31 Jan 2023 17:09

Tgt Ion: 95 Resp: 148791
Ion Ratio Lower Upper
95 100
174 90.7 0.0 172.0
176 87.2 0.0 167.6

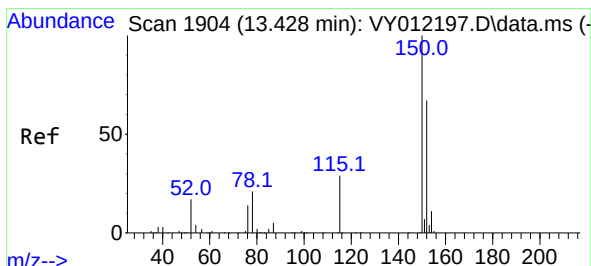
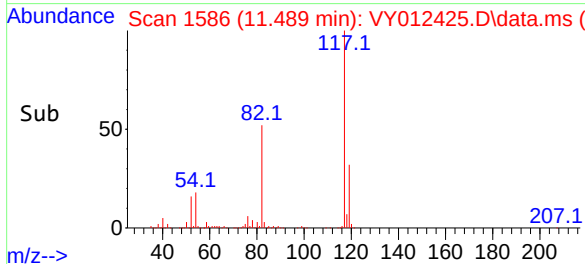
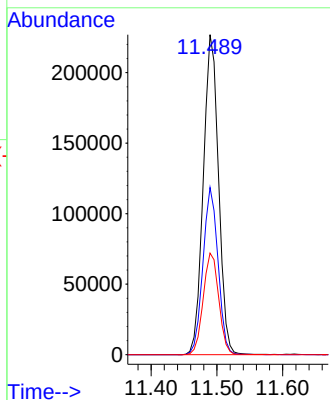
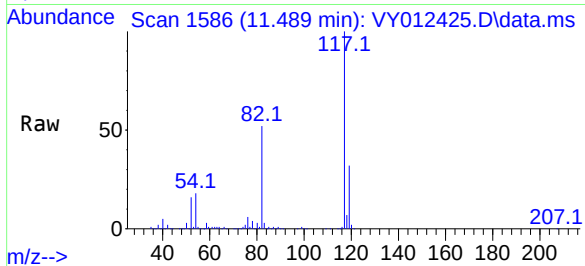




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012425.D
Acq: 31 Jan 2023 17:09

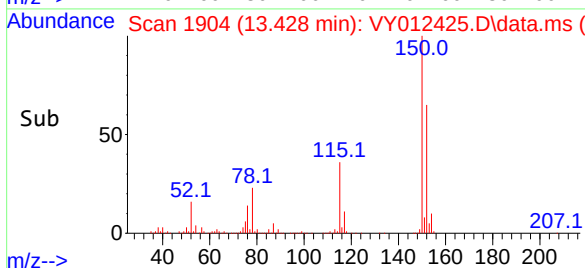
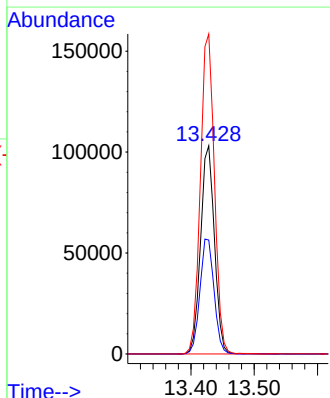
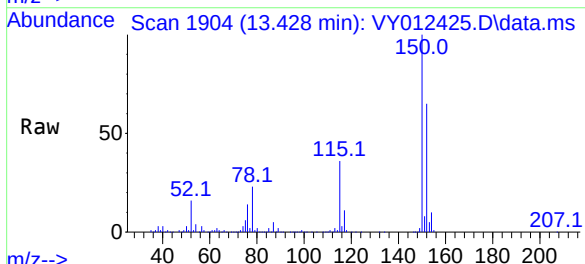
Instrument :
MSVOA_Y
ClientSampleId :
2-RT-15-N

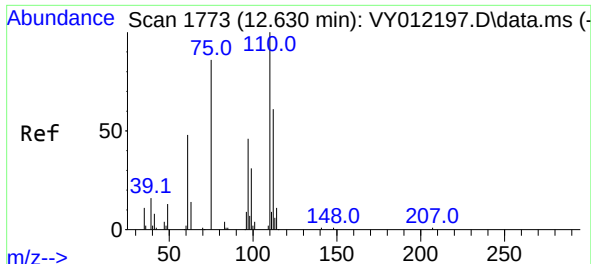
Tgt Ion:117 Resp: 366689
Ion Ratio Lower Upper
117 100
82 52.2 44.8 67.2
119 31.8 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012425.D
Acq: 31 Jan 2023 17:09

Tgt Ion:152 Resp: 157513
Ion Ratio Lower Upper
152 100
115 56.3 29.1 87.3
150 155.3 0.0 342.6

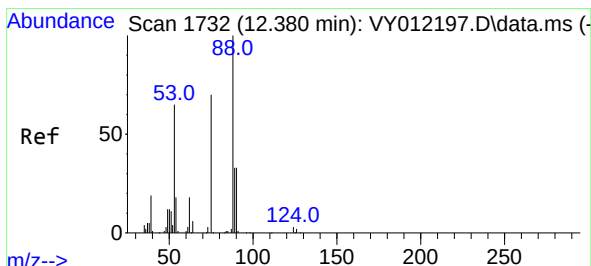
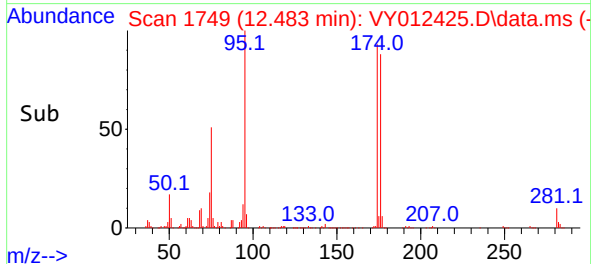
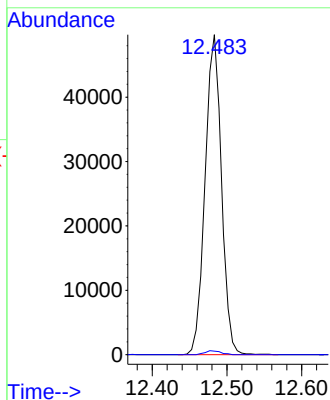
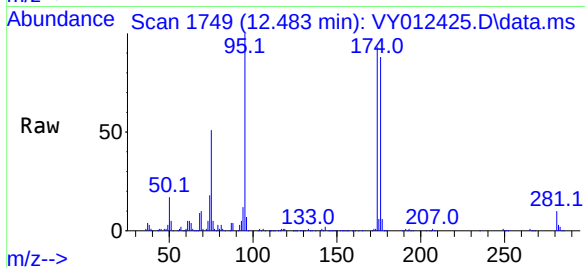




#76
1,2,3-Trichloropropane
Concen: 52.052 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012425.D
Acq: 31 Jan 2023 17:09

Instrument :
MSVOA_Y
ClientSampleId :
2-RT-15-N

Tgt Ion: 75 Resp: 75391
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.249 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY012425.D
Acq: 31 Jan 2023 17:09

Tgt Ion: 75 Resp: 75391
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.2 37.0 55.4#

