

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111323\
 Data File : VY016325.D
 Acq On : 13 Nov 2023 16:09
 Operator : SY/MD
 Sample : 05377-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 14 04:38:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

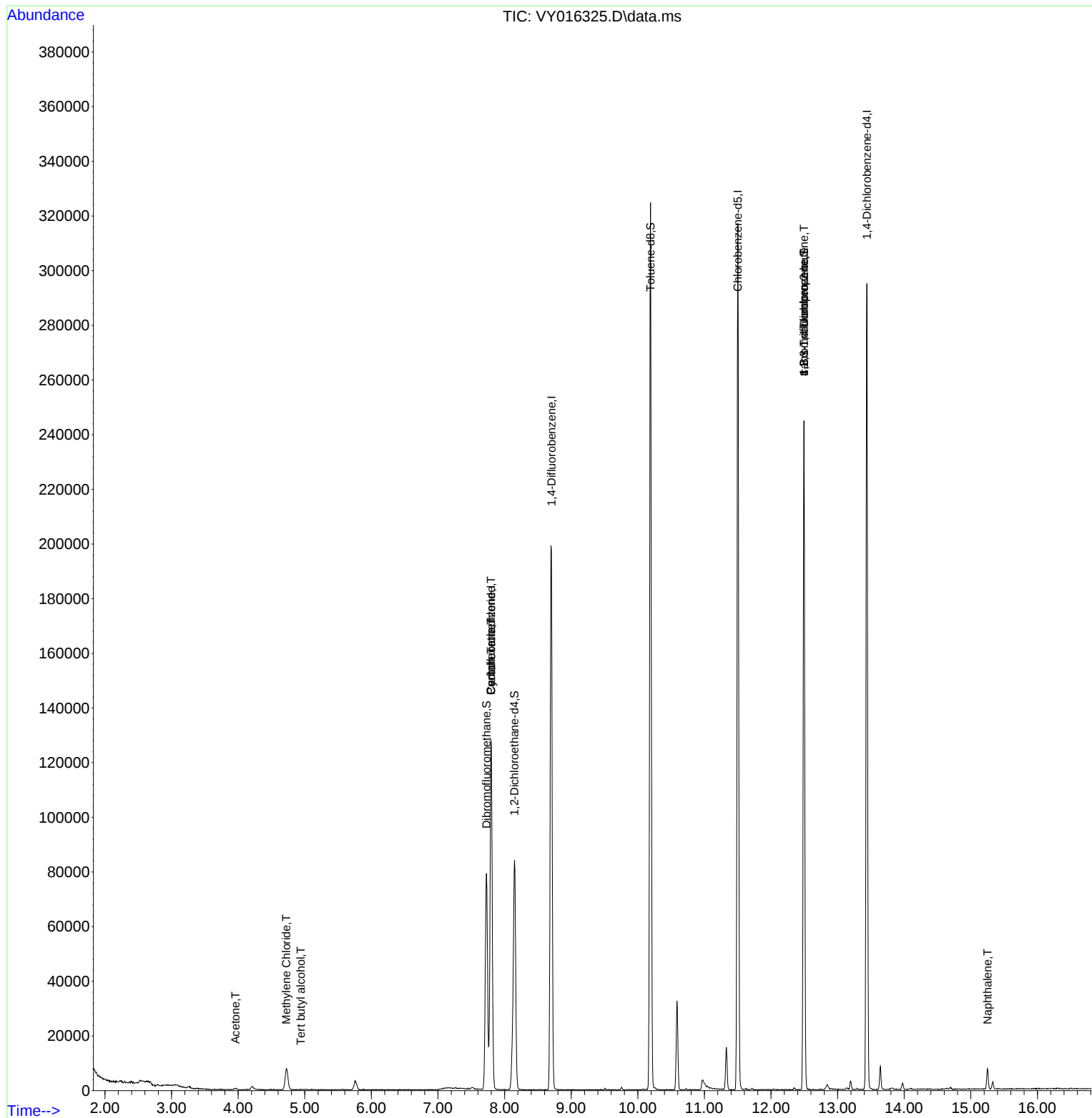
Internal Standards						
1) Pentafluorobenzene	7.795	168	102860	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	182442	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	175026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	77496	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	62126	66.084	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.160%	
35) Dibromofluoromethane	7.728	113	57137	55.131	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.260%	
50) Toluene-d8	10.191	98	213471	50.793	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.580%	
62) 4-Bromofluorobenzene	12.495	95	73251	53.664	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.320%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	283	3.844	ug/l #	89
16) Acetone	3.960	43	907	5.833	ug/l	96
20) Methylene Chloride	4.722	84	6263	2.387	ug/l #	82
31) Cyclohexane	7.795	56	1973	1.066	ug/l #	1
38) Carbon Tetrachloride	7.795	117	10142	5.430	ug/l #	16
76) 1,2,3-Trichloropropane	12.495	75	37593	50.568	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	37593	109.763	ug/l #	10
95) Naphthalene	15.251	128	6529	2.675	ug/l	97

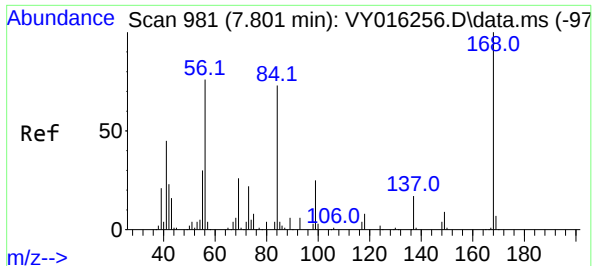
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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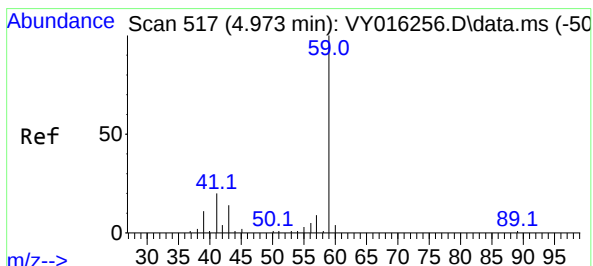
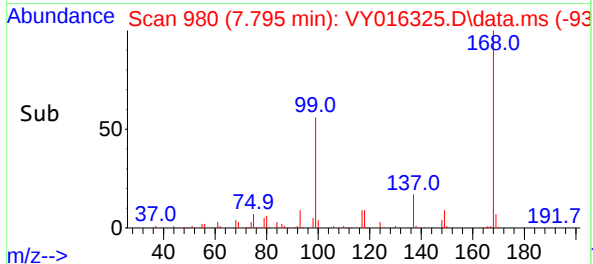
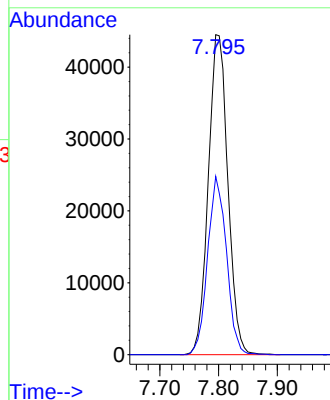
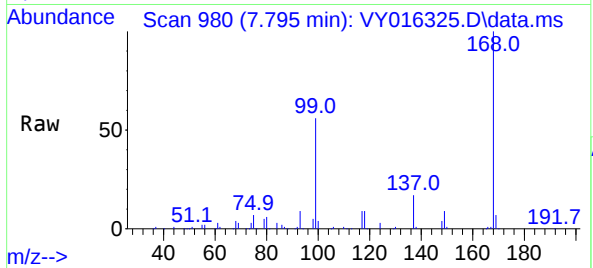




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016325.D
Acq: 13 Nov 2023 16:09

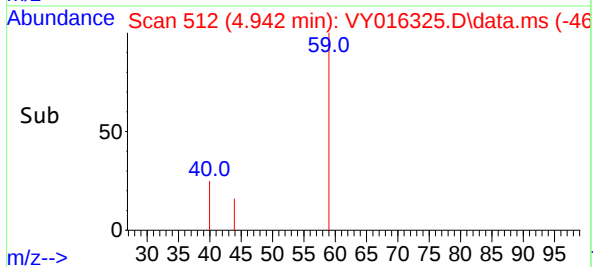
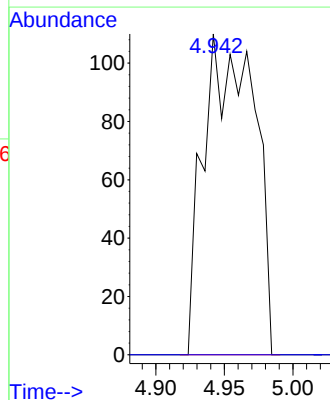
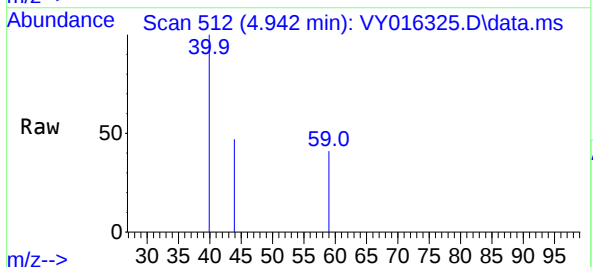
Instrument :
MSVOA_Y
ClientSampleId :

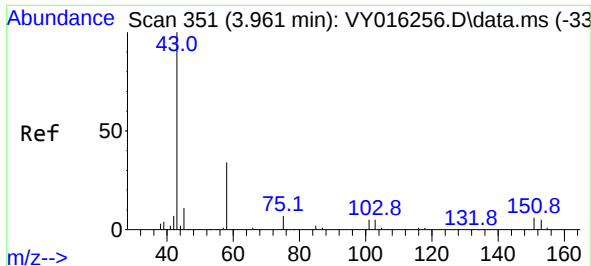
Tgt Ion:168 Resp: 102860
Ion Ratio Lower Upper
168 100
99 55.7 43.4 65.0



#11
Tert butyl alcohol
Concen: 3.844 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.031 min
Lab File: VY016325.D
Acq: 13 Nov 2023 16:09

Tgt Ion: 59 Resp: 283
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

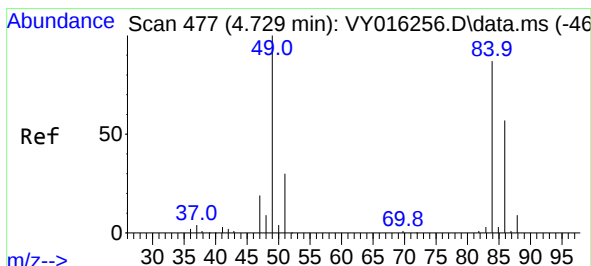
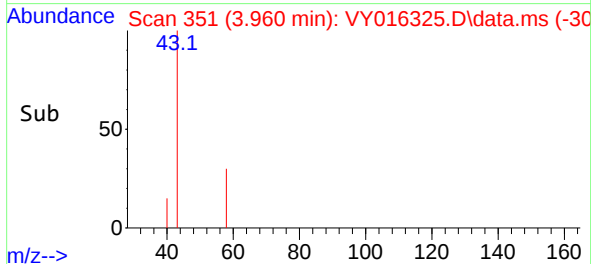
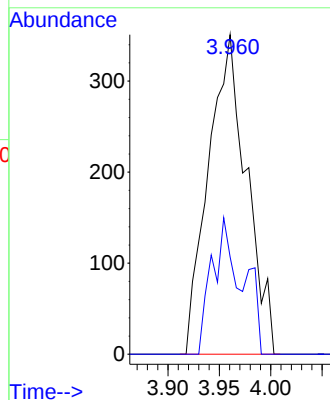
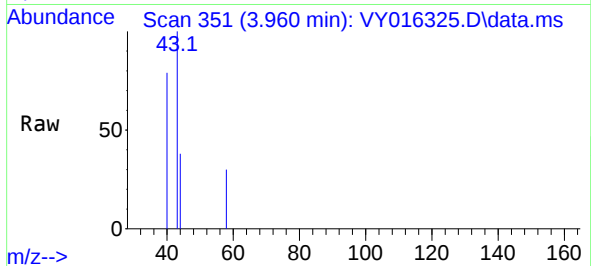




#16
Acetone
Concen: 5.833 ug/l
RT: 3.960 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY016325.D
Acq: 13 Nov 2023 16:09

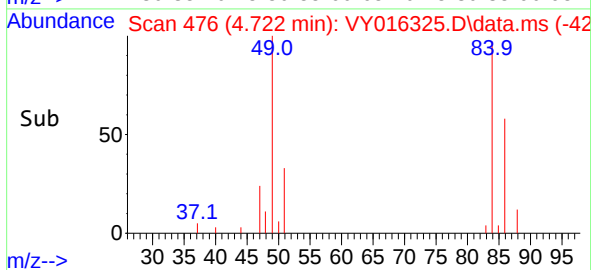
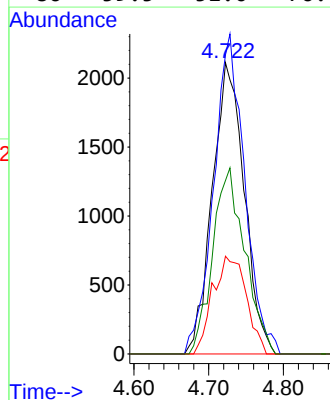
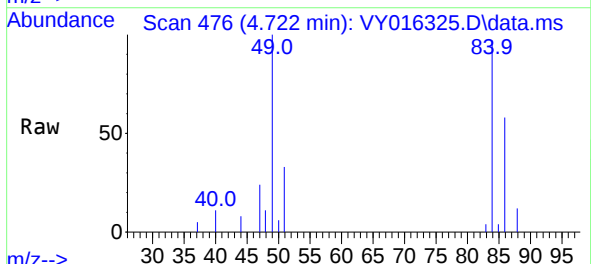
Instrument :
MSVOA_Y
ClientSampleId :

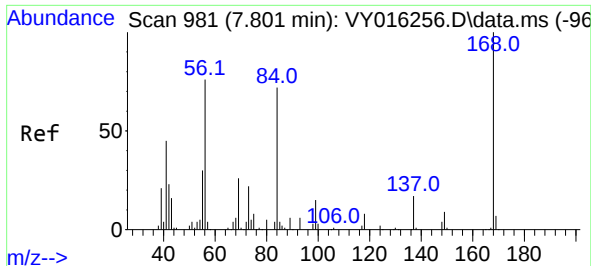
Tgt Ion: 43 Resp: 907
Ion Ratio Lower Upper
43 100
58 30.5 22.7 34.1



#20
Methylene Chloride
Concen: 2.387 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY016325.D
Acq: 13 Nov 2023 16:09

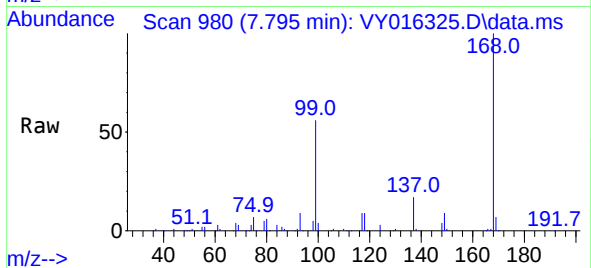
Tgt Ion: 84 Resp: 6263
Ion Ratio Lower Upper
84 100
49 102.7 106.9 160.3#
51 33.5 33.2 49.8
86 59.5 51.0 76.6



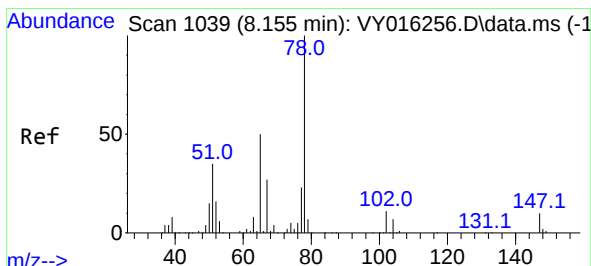
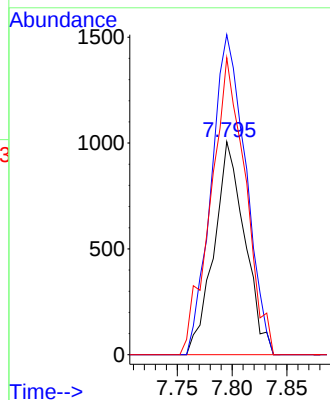
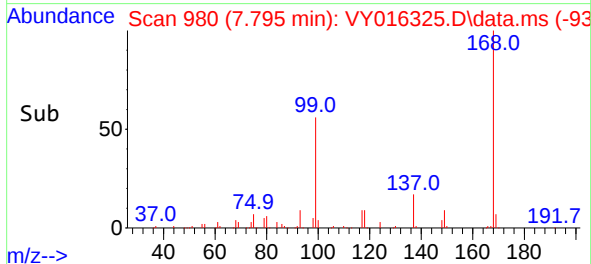


#31
Cyclohexane
Concen: 1.066 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016325.D
Acq: 13 Nov 2023 16:09

Instrument :
MSVOA_Y
ClientSampleId :

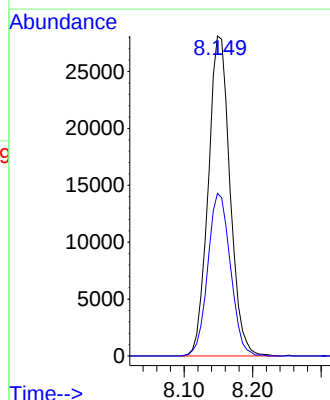
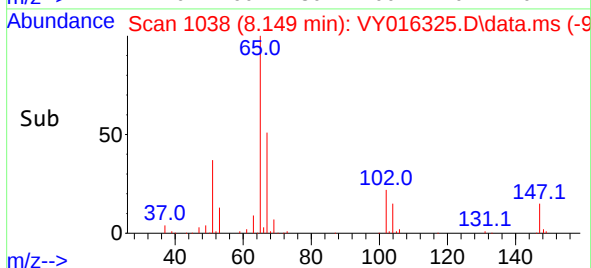
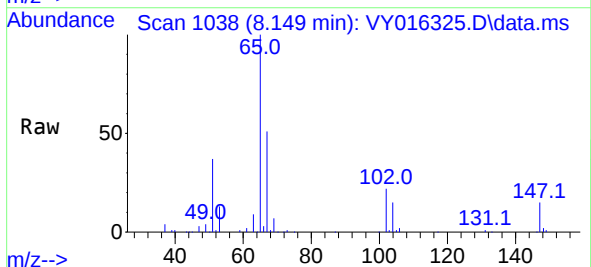


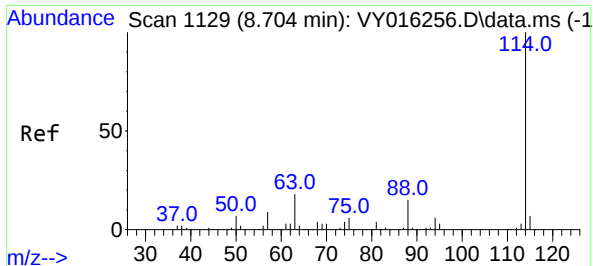
Tgt Ion: 56 Resp: 1973
Ion Ratio Lower Upper
56 100
69 150.3 27.8 41.6#
84 139.5 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 66.084 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY016325.D
Acq: 13 Nov 2023 16:09

Tgt Ion: 65 Resp: 62126
Ion Ratio Lower Upper
65 100
67 52.7 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY016325.D

Acq: 13 Nov 2023 16:09

Instrument :

MSVOA_Y

ClientSampleId :

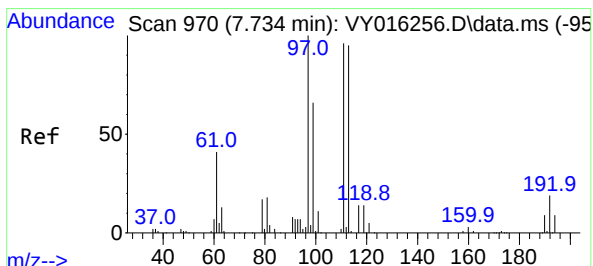
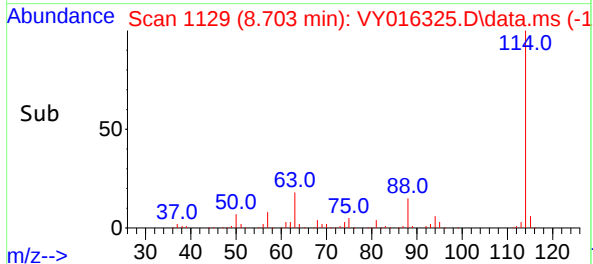
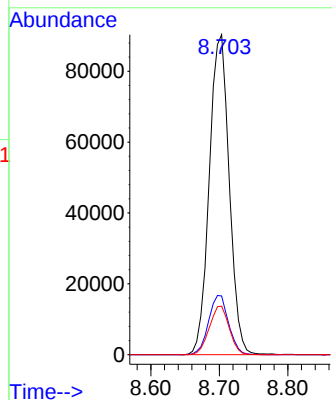
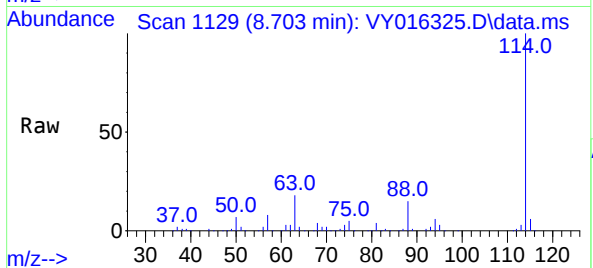
Tgt Ion:114 Resp: 182442

Ion Ratio Lower Upper

114 100

63 18.3 0.0 42.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.131 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY016325.D

Acq: 13 Nov 2023 16:09

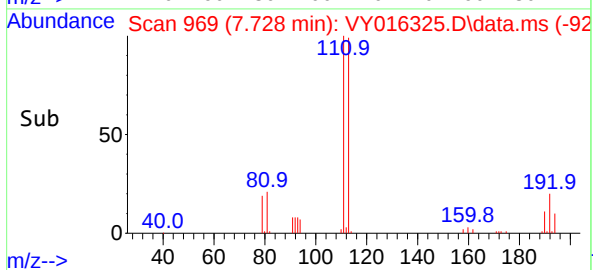
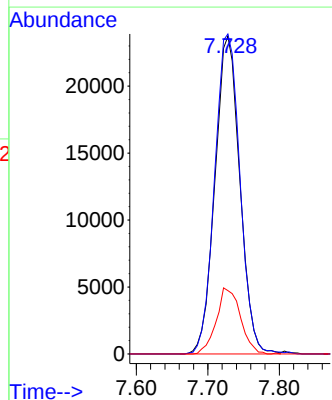
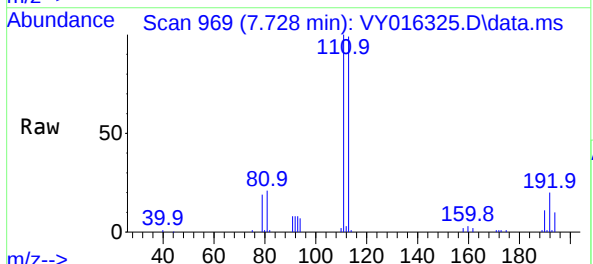
Tgt Ion:113 Resp: 57137

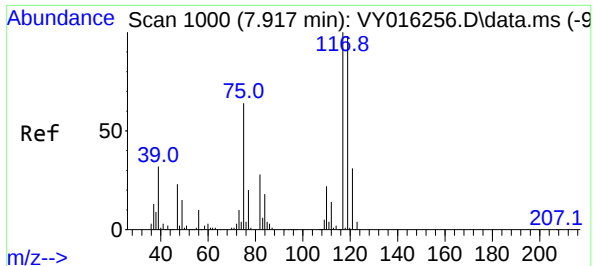
Ion Ratio Lower Upper

113 100

111 102.8 81.3 121.9

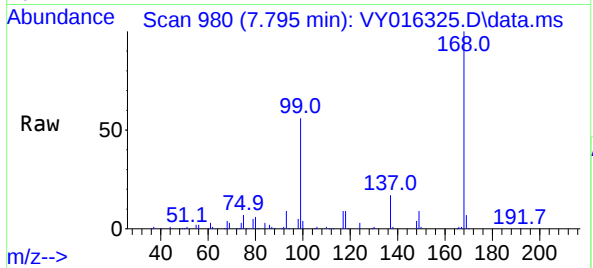
192 20.2 16.9 25.3



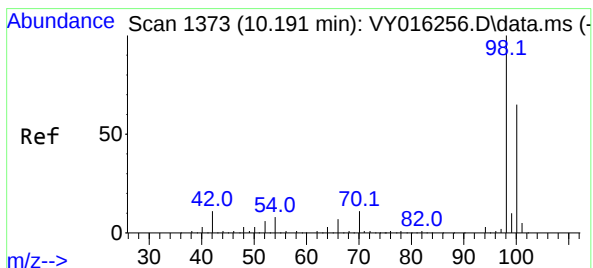
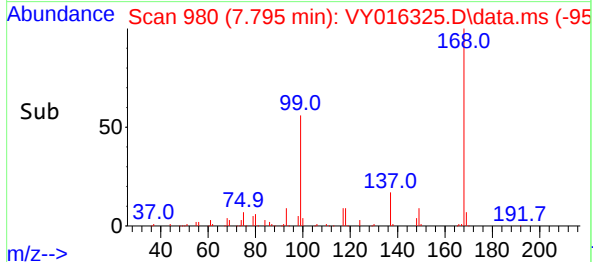
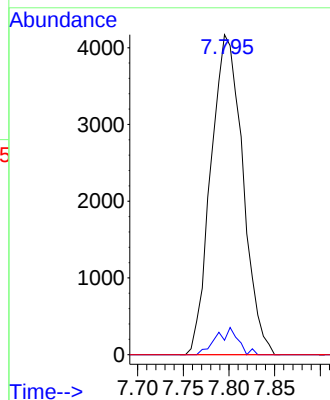


#38
Carbon Tetrachloride
Concen: 5.430 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY016325.D
Acq: 13 Nov 2023 16:09

Instrument :
MSVOA_Y
ClientSampleId :

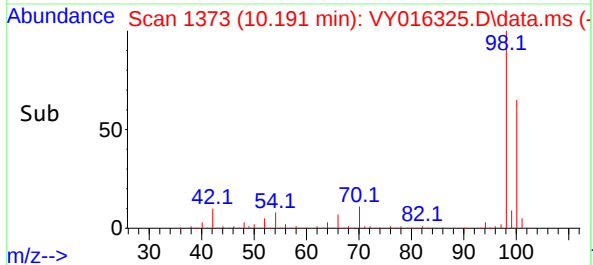
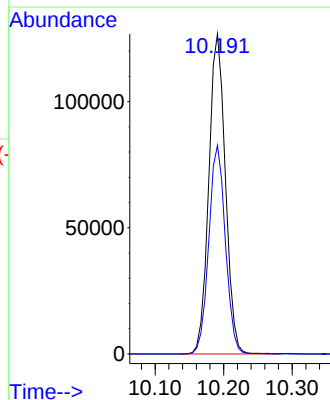
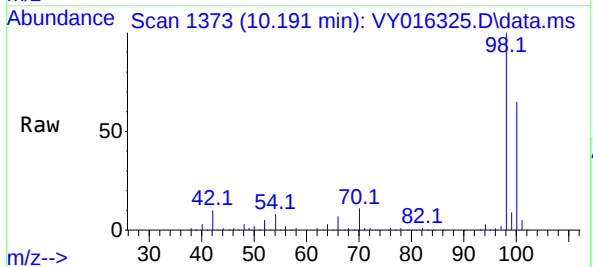


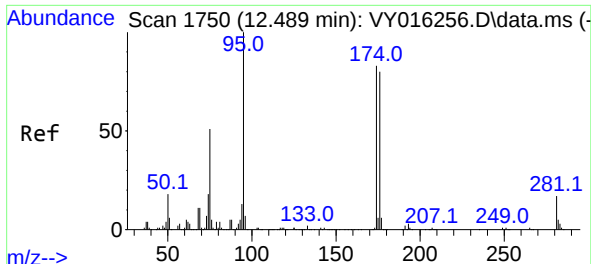
Tgt Ion:117 Resp: 10142
Ion Ratio Lower Upper
117 100
119 4.5 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.793 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY016325.D
Acq: 13 Nov 2023 16:09

Tgt Ion: 98 Resp: 213471
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1

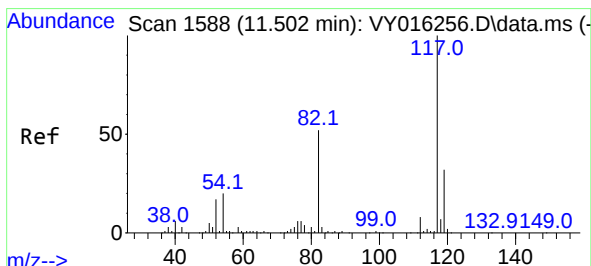
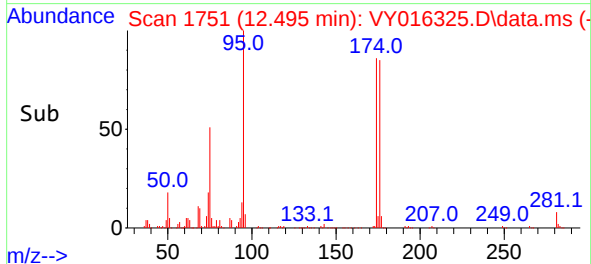
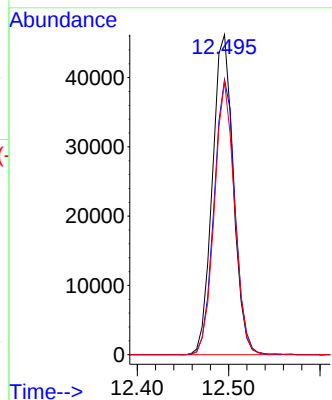
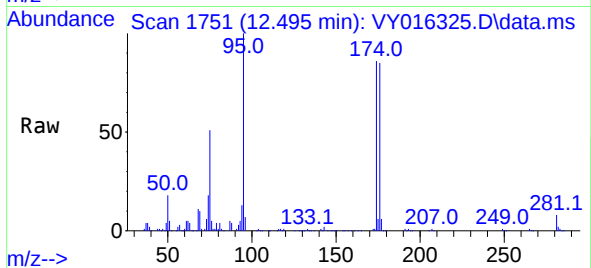




#62
4-Bromofluorobenzene
Concen: 53.664 ug/l
RT: 12.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016325.D
Acq: 13 Nov 2023 16:09

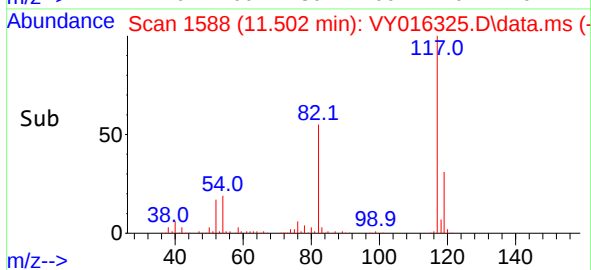
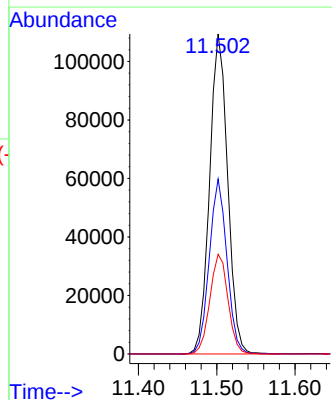
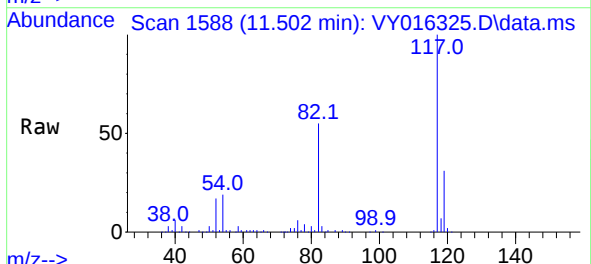
Instrument :
MSVOA_Y
ClientSampleId :

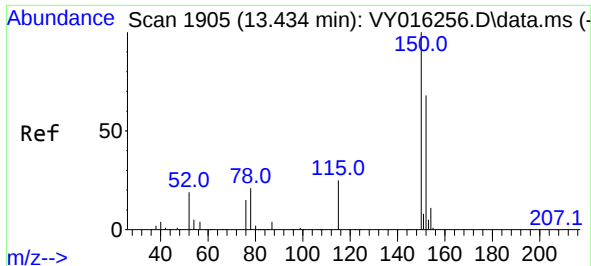
Tgt Ion: 95 Resp: 73251
Ion Ratio Lower Upper
95 100
174 86.6 0.0 178.2
176 82.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016325.D
Acq: 13 Nov 2023 16:09

Tgt Ion: 117 Resp: 175026
Ion Ratio Lower Upper
117 100
82 54.7 43.4 65.0
119 31.2 26.3 39.5

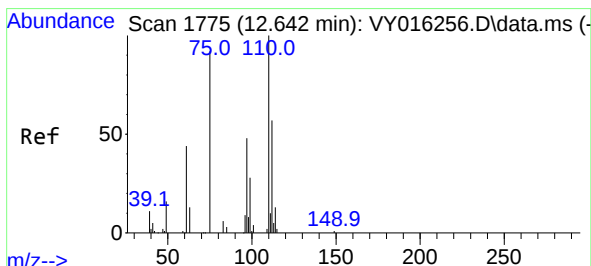
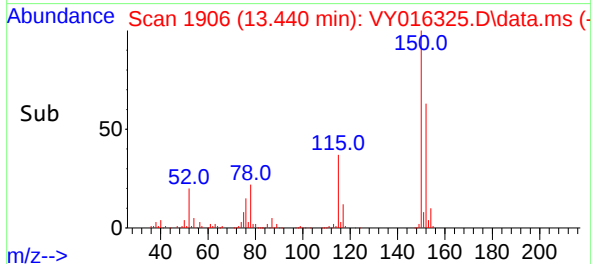
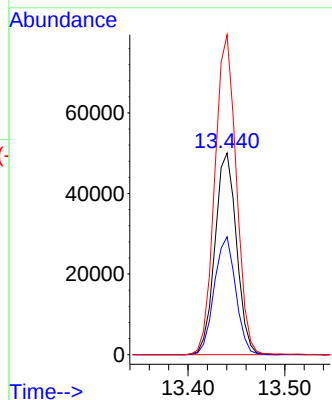
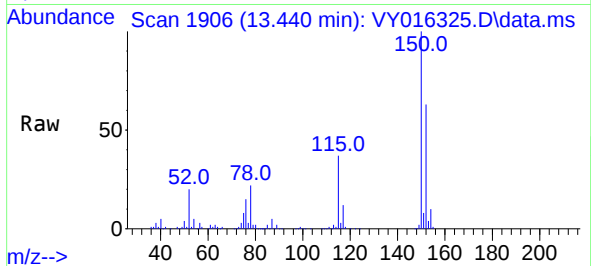




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY016325.D
Acq: 13 Nov 2023 16:09

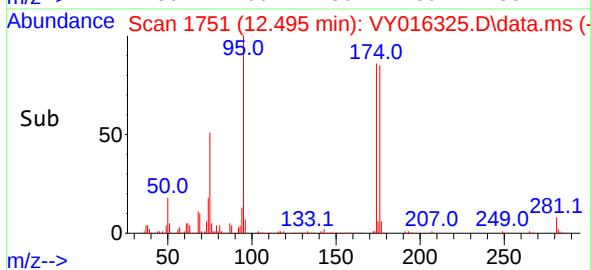
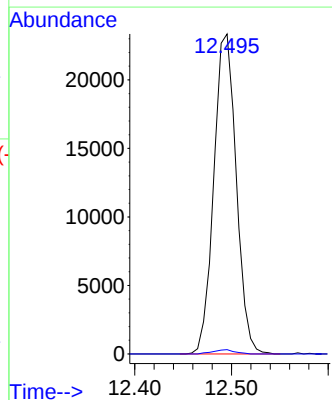
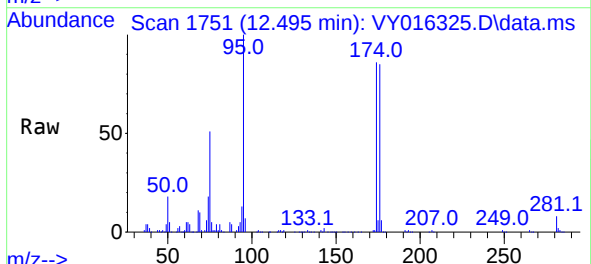
Instrument :
MSVOA_Y
ClientSampleId :

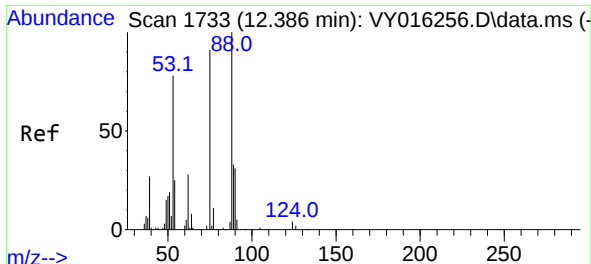
Tgt Ion:152 Resp: 77496
Ion Ratio Lower Upper
152 100
115 58.1 28.8 86.5
150 158.2 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 50.568 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.146 min
Lab File: VY016325.D
Acq: 13 Nov 2023 16:09

Tgt Ion: 75 Resp: 37593
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

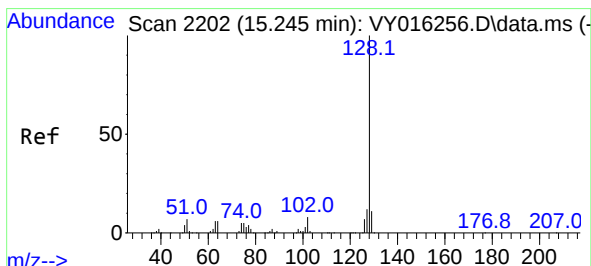
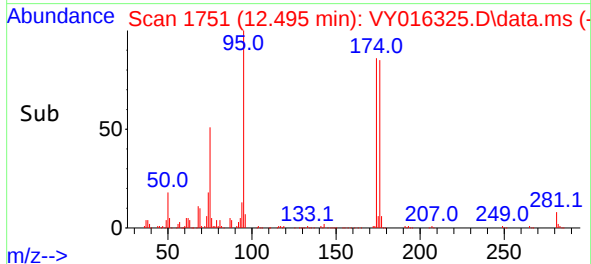
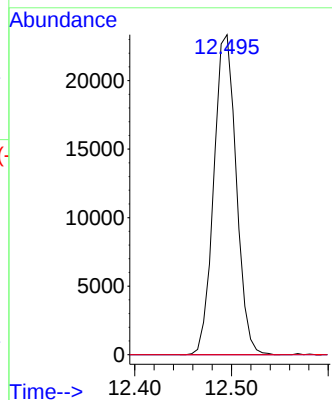
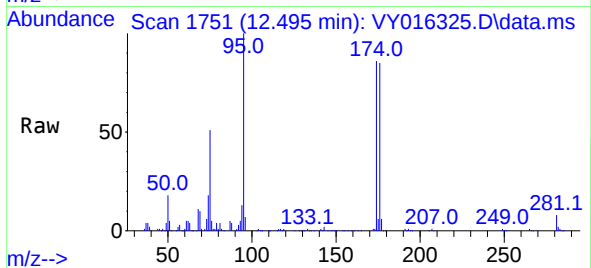




#81
trans-1,4-Dichloro-2-butene
Concen: 109.763 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.110 min
Lab File: VY016325.D
Acq: 13 Nov 2023 16:09

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 37593
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#



#95
Naphthalene
Concen: 2.675 ug/l
RT: 15.251 min Scan# 2203
Delta R.T. 0.006 min
Lab File: VY016325.D
Acq: 13 Nov 2023 16:09

Tgt Ion:128 Resp: 6529
Ion Ratio Lower Upper
128 100
127 11.9 10.8 16.2
129 11.7 8.6 13.0

