

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111323\
 Data File : VY016321.D
 Acq On : 13 Nov 2023 12:43
 Operator : SY/MD
 Sample : 05376-03
 Misc : 3.45g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 14 04:37:31 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)

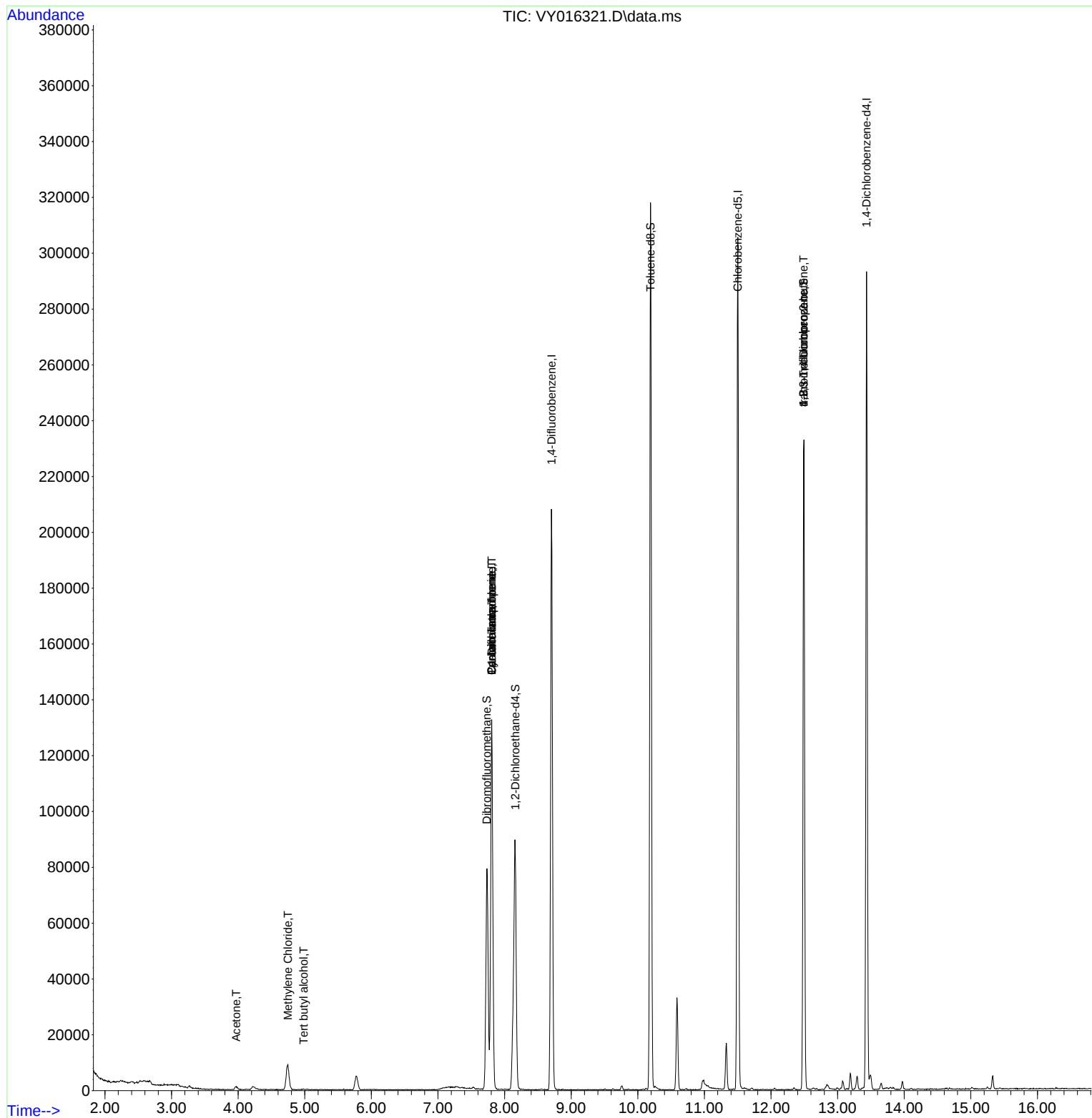
Internal Standards						
1) Pentafluorobenzene	7.807	168	101671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	181973	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	171899	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	75515	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	62171	66.906	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 133.820%	
35) Dibromofluoromethane	7.734	113	57002	55.143	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.280%	
50) Toluene-d8	10.191	98	212773	50.757	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.520%	
62) 4-Bromofluorobenzene	12.489	95	70962	52.121	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.240%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.984	59	369	5.071	ug/l #	89
16) Acetone	3.972	43	2085	13.565	ug/l	97
20) Methylene Chloride	4.747	84	7202	3.388	ug/l	87
31) Cyclohexane	7.807	56	1891	1.034	ug/l #	1
36) 1,1-Dichloropropene	7.807	75	7734	4.309	ug/l #	50
38) Carbon Tetrachloride	7.807	117	9971	5.352	ug/l #	16
76) 1,2,3-Trichloropropane	12.489	75	36998	51.074	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	36998	110.859	ug/l #	11

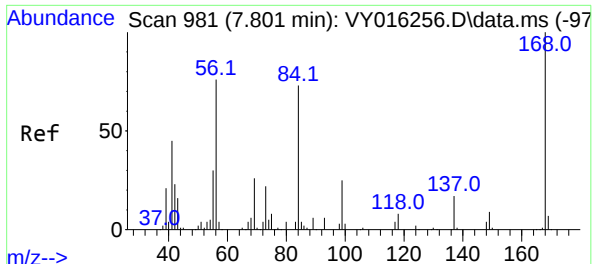
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111323\
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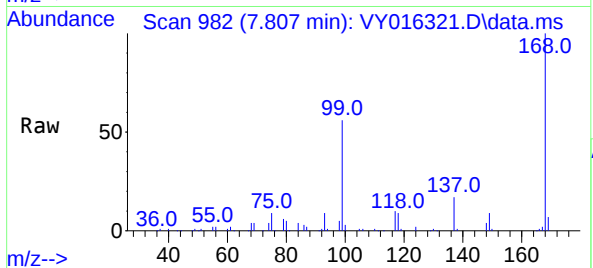
Quant Time: Nov 14 04:37:31 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration



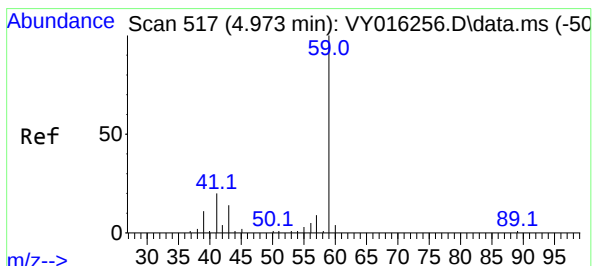
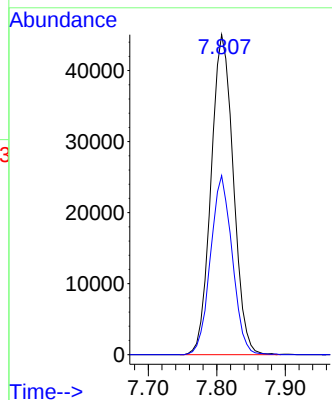
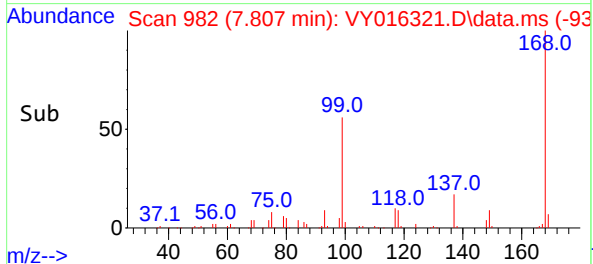


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016321.D
Acq: 13 Nov 2023 12:43

Instrument :
MSVOA_Y
ClientSampleId :

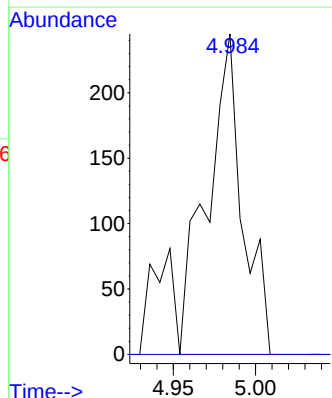
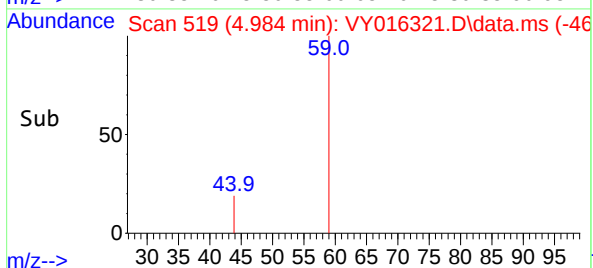
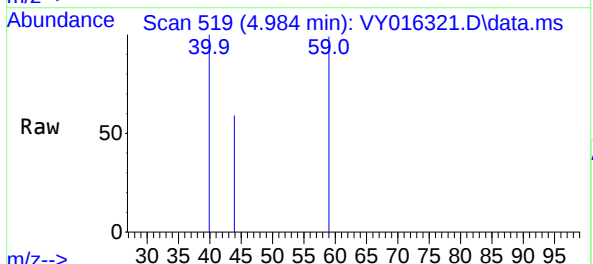


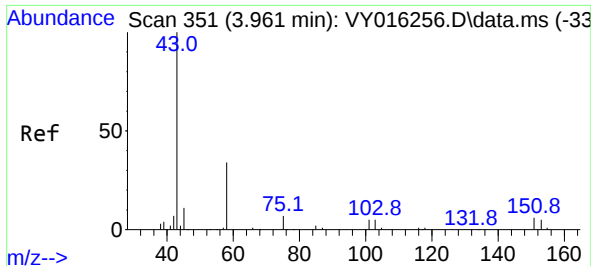
Tgt Ion:168 Resp: 101671
Ion Ratio Lower Upper
168 100
99 55.9 43.4 65.0



#11
Tert butyl alcohol
Concen: 5.071 ug/l
RT: 4.984 min Scan# 519
Delta R.T. 0.012 min
Lab File: VY016321.D
Acq: 13 Nov 2023 12:43

Tgt Ion: 59 Resp: 369
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

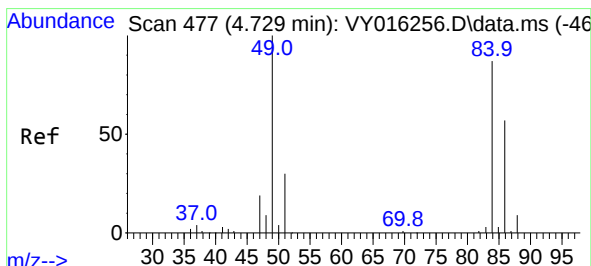
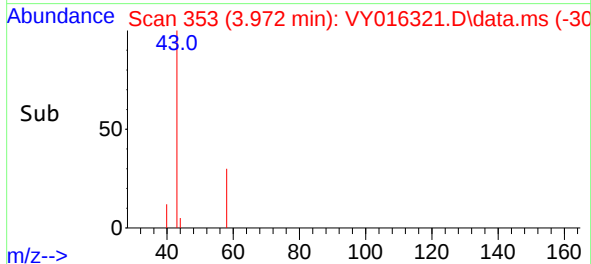
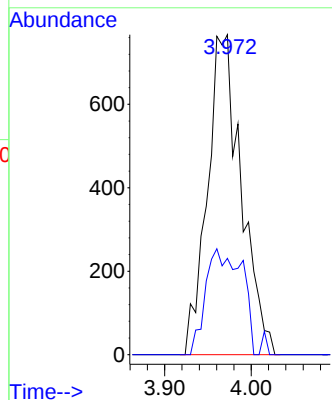
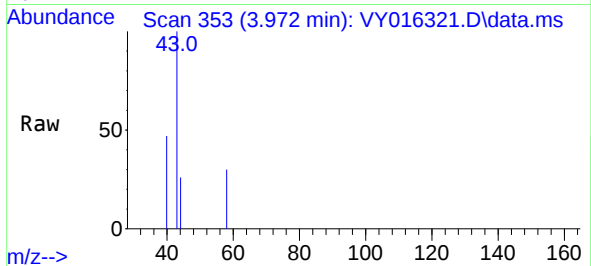




#16
Acetone
Concen: 13.565 ug/l
RT: 3.972 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY016321.D
Acq: 13 Nov 2023 12:43

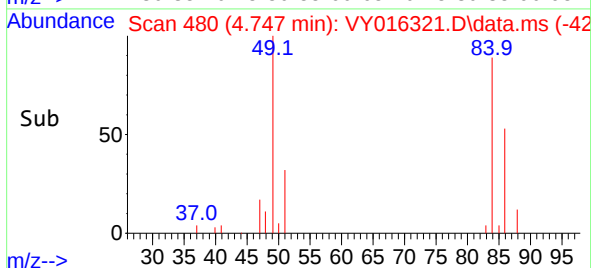
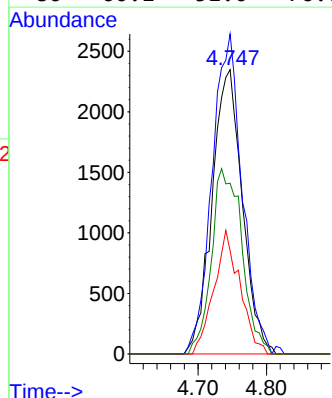
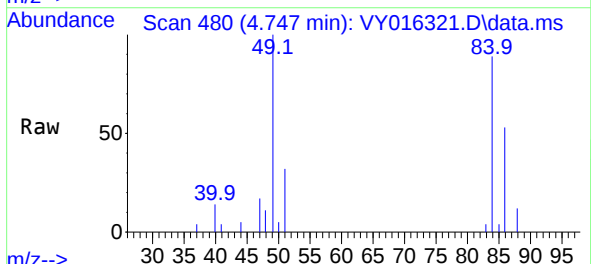
Instrument :
MSVOA_Y
ClientSampleId :

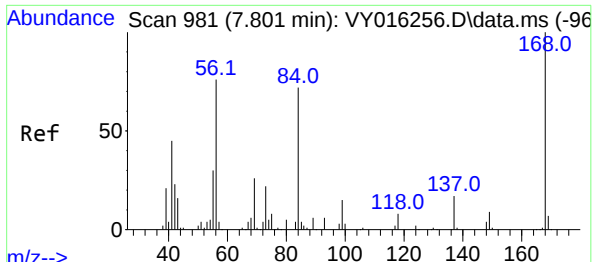
Tgt Ion: 43 Resp: 2085
Ion Ratio Lower Upper
43 100
58 30.1 22.7 34.1



#20
Methylene Chloride
Concen: 3.388 ug/l
RT: 4.747 min Scan# 480
Delta R.T. 0.018 min
Lab File: VY016321.D
Acq: 13 Nov 2023 12:43

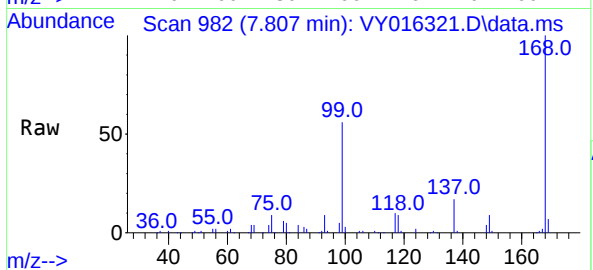
Tgt Ion: 84 Resp: 7202
Ion Ratio Lower Upper
84 100
49 112.6 106.9 160.3
51 36.3 33.2 49.8
86 60.1 51.0 76.6



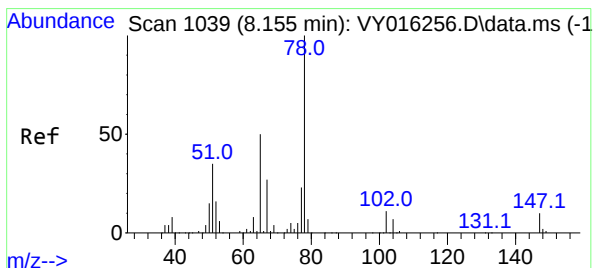
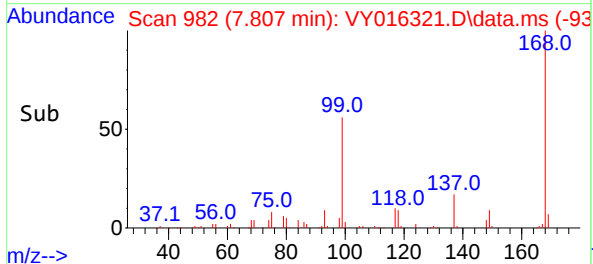
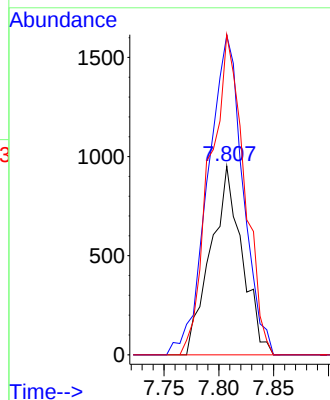


#31
Cyclohexane
Concen: 1.034 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016321.D
Acq: 13 Nov 2023 12:43

Instrument :
MSVOA_Y
ClientSampleId :

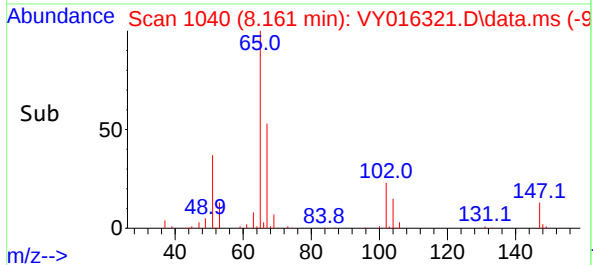
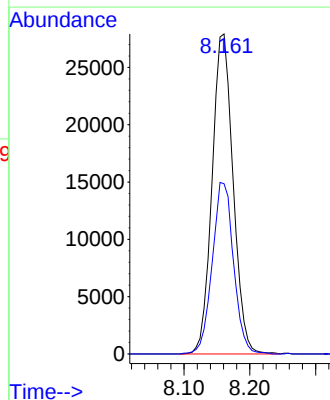
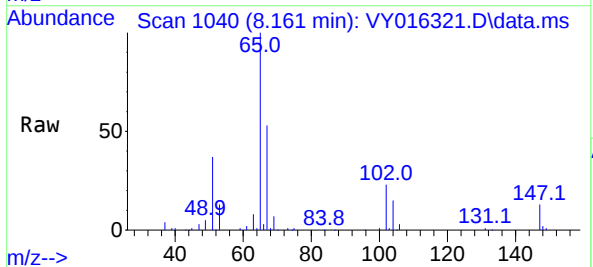


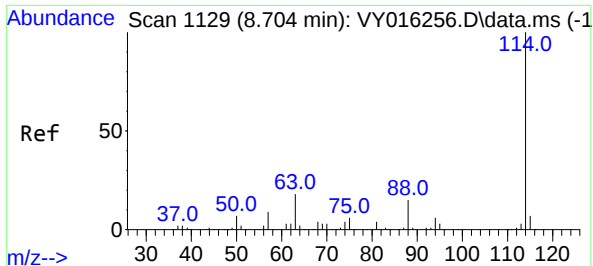
Tgt Ion: 56 Resp: 1891
Ion Ratio Lower Upper
56 100
69 169.4 27.8 41.6#
84 169.6 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 66.906 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016321.D
Acq: 13 Nov 2023 12:43

Tgt Ion: 65 Resp: 62171
Ion Ratio Lower Upper
65 100
67 54.3 0.0 101.8

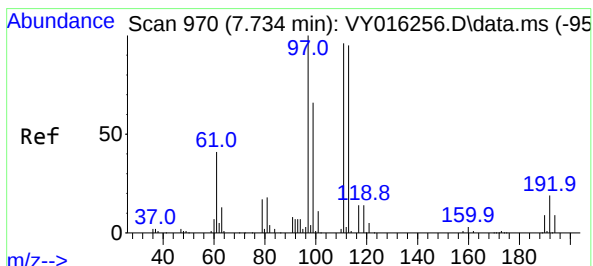
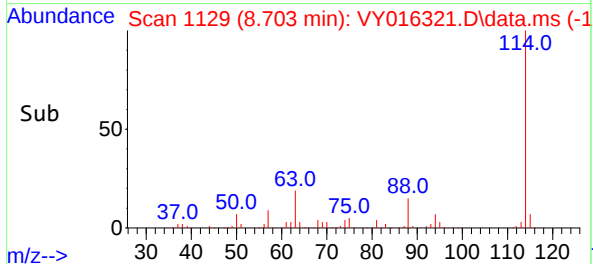
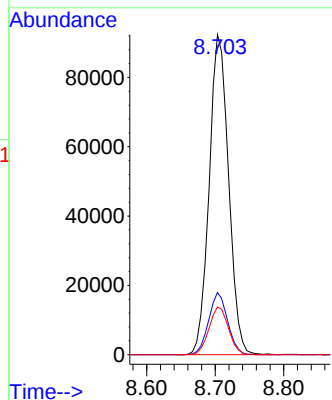
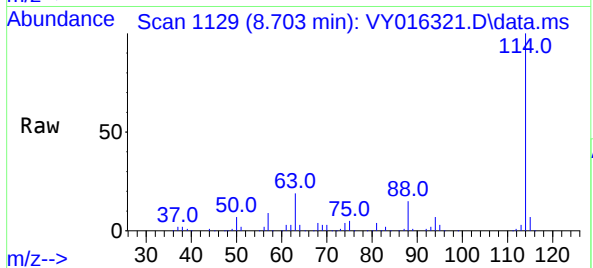




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VY016321.D
Acq: 13 Nov 2023 12:43

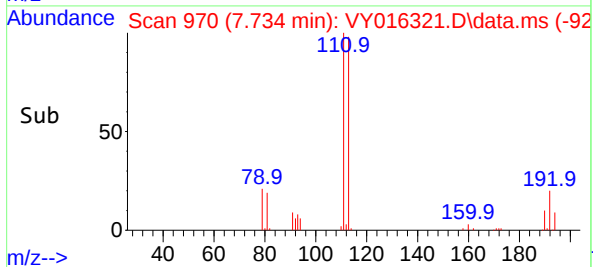
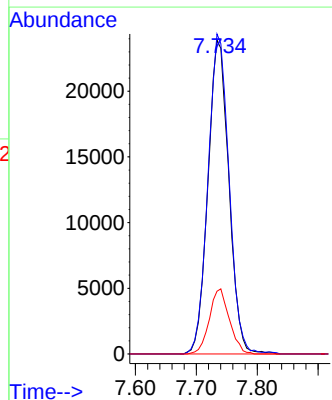
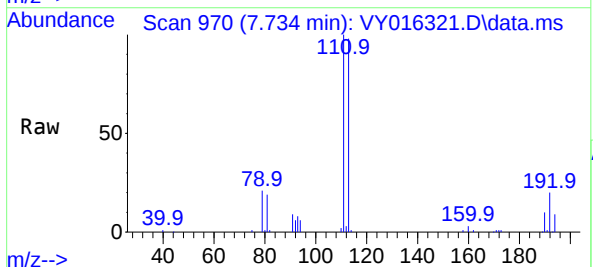
Instrument :
MSVOA_Y
ClientSampleId :

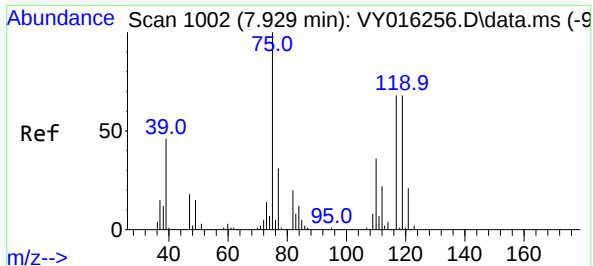
Tgt Ion:114 Resp: 181973
Ion Ratio Lower Upper
114 100
63 19.5 0.0 42.4
88 14.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 55.143 ug/l
RT: 7.734 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY016321.D
Acq: 13 Nov 2023 12:43

Tgt Ion:113 Resp: 57002
Ion Ratio Lower Upper
113 100
111 102.5 81.3 121.9
192 19.8 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.309 ug/l

RT: 7.807 min Scan# 982

Delta R.T. -0.122 min

Lab File: VY016321.D

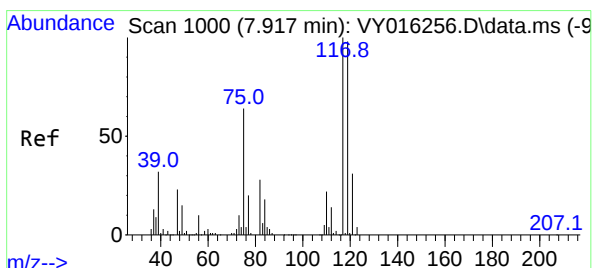
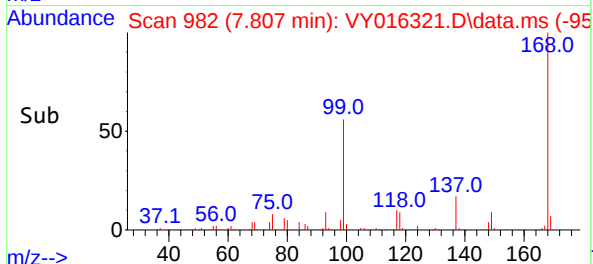
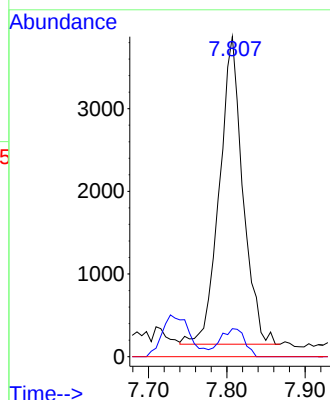
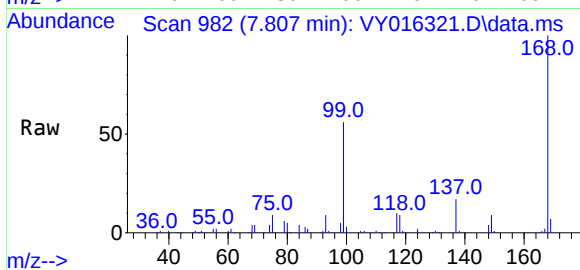
Acq: 13 Nov 2023 12:43

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 75	Resp: 7734
Ion Ratio	Lower Upper
75 100	
110 9.5	17.8 53.5#
77 0.0	24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.352 ug/l

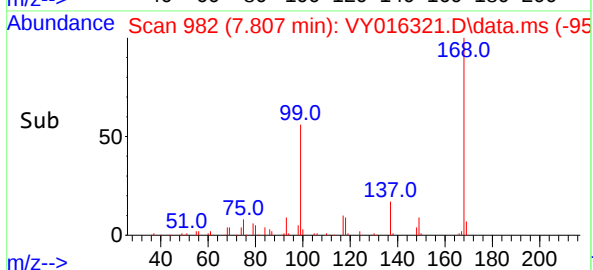
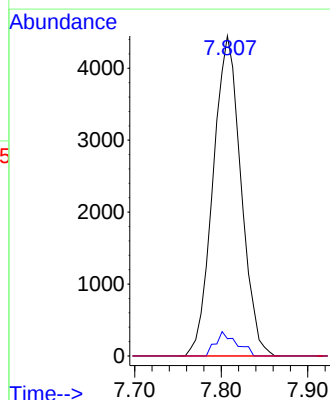
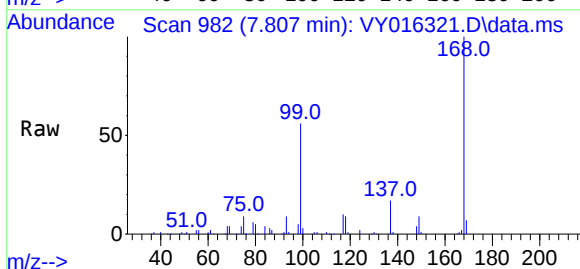
RT: 7.807 min Scan# 982

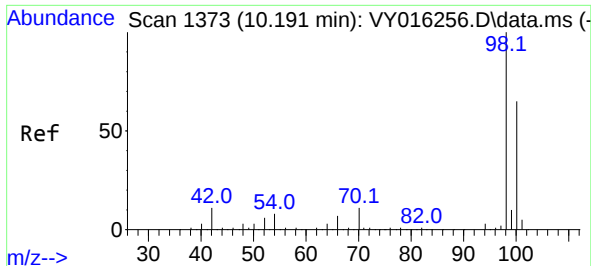
Delta R.T. -0.110 min

Lab File: VY016321.D

Acq: 13 Nov 2023 12:43

Tgt Ion: 117	Resp: 9971
Ion Ratio	Lower Upper
117 100	
119 5.4	76.4 114.6#
121 0.0	25.8 38.6#

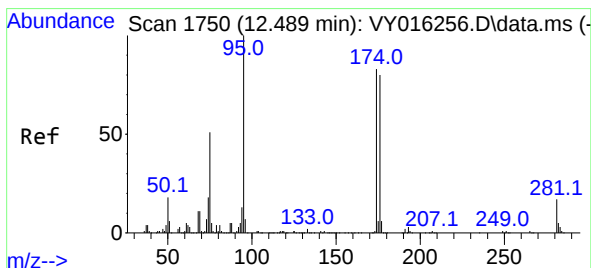
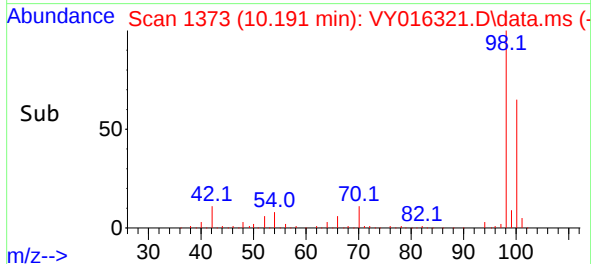
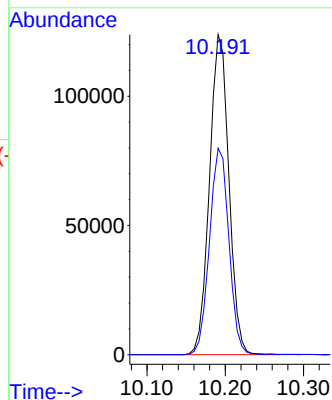
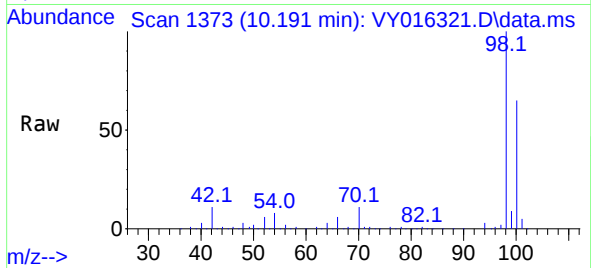




#50
Toluene-d8
Concen: 50.757 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016321.D
Acq: 13 Nov 2023 12:43

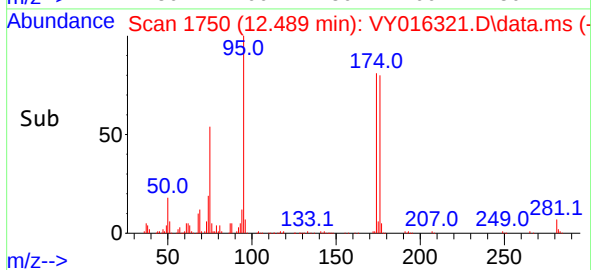
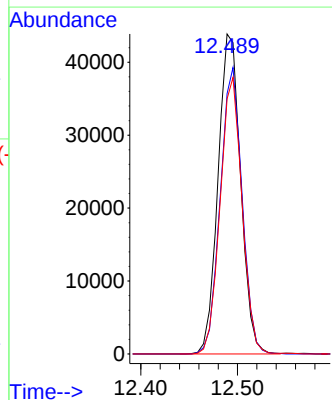
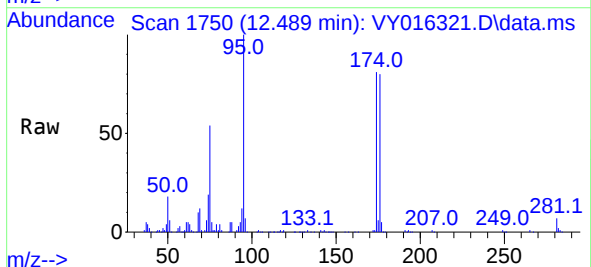
Instrument :
MSVOA_Y
ClientSampleId :

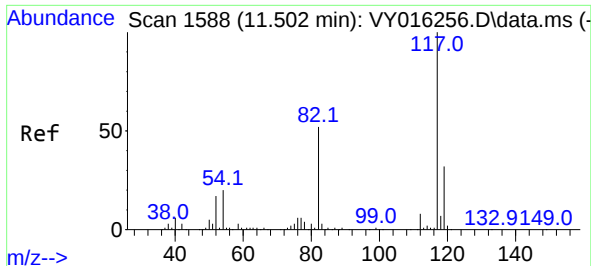
Tgt Ion: 98 Resp: 212773
Ion Ratio Lower Upper
98 100
100 64.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 52.121 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016321.D
Acq: 13 Nov 2023 12:43

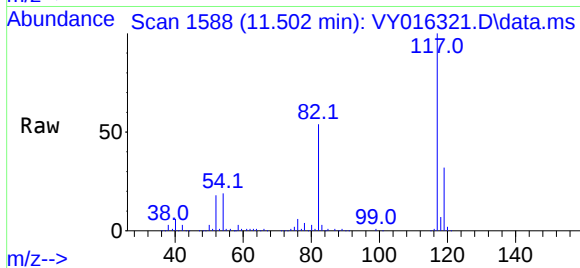
Tgt Ion: 95 Resp: 70962
Ion Ratio Lower Upper
95 100
174 86.5 0.0 178.2
176 83.7 0.0 173.8



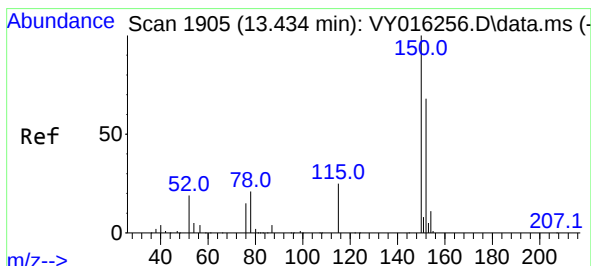
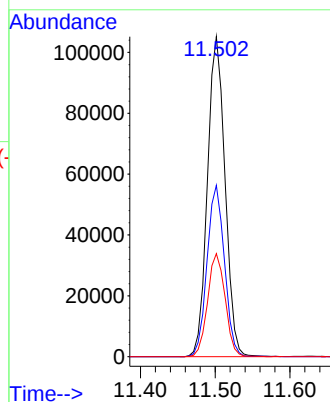
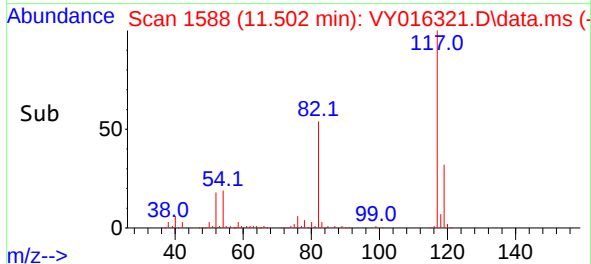


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY016321.D
Acq: 13 Nov 2023 12:43

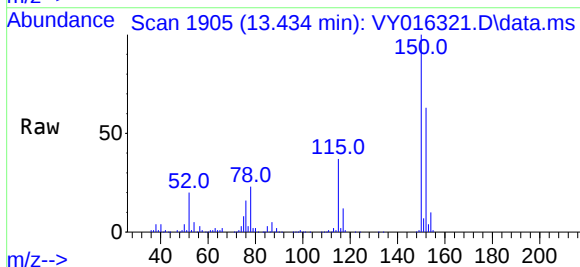
Instrument :
MSVOA_Y
ClientSampleId :



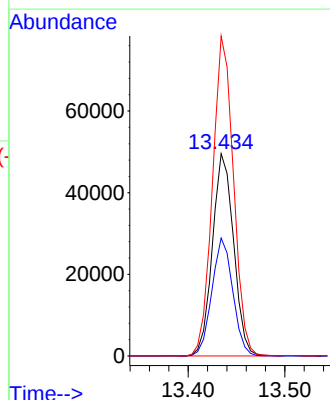
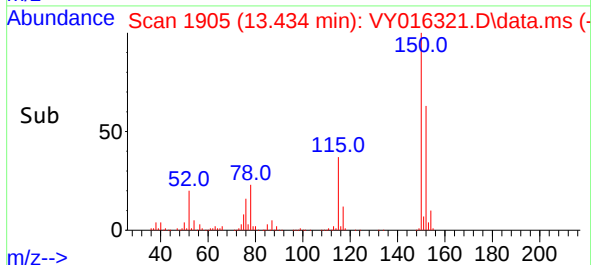
Tgt Ion:117 Resp: 171899
Ion Ratio Lower Upper
117 100
82 53.6 43.4 65.0
119 32.2 26.3 39.5

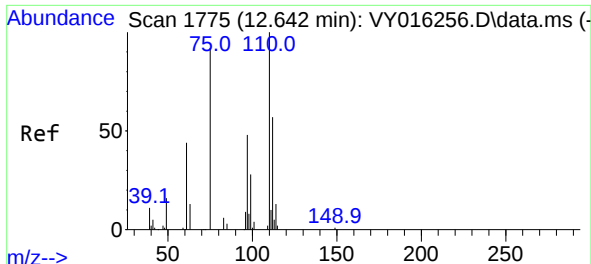


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016321.D
Acq: 13 Nov 2023 12:43



Tgt Ion:152 Resp: 75515
Ion Ratio Lower Upper
152 100
115 57.3 28.8 86.5
150 156.4 0.0 348.8

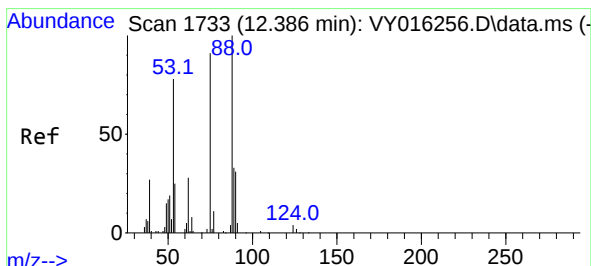
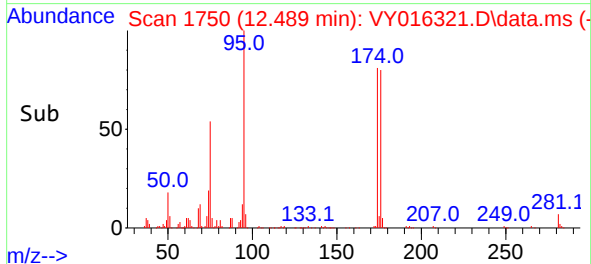
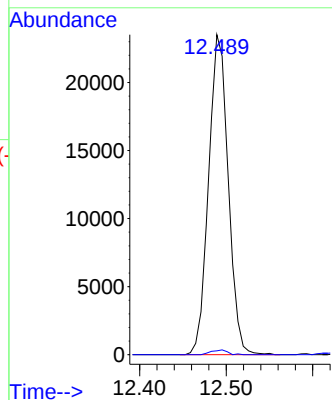
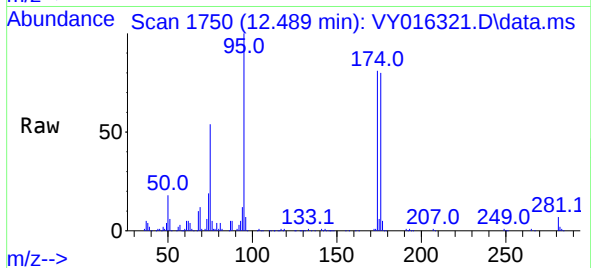




#76
1,2,3-Trichloropropane
Concen: 51.074 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.153 min
Lab File: VY016321.D
Acq: 13 Nov 2023 12:43

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 36998
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.859 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.103 min
Lab File: VY016321.D
Acq: 13 Nov 2023 12:43

Tgt Ion: 75 Resp: 36998
Ion Ratio Lower Upper
75 100
53 0.1 77.8 116.8#
89 0.0 37.4 56.0#

