

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112223\
 Data File : VY016458.D
 Acq On : 22 Nov 2023 13:36
 Operator : SY/MD
 Sample : BLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 23 04:05:53 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)

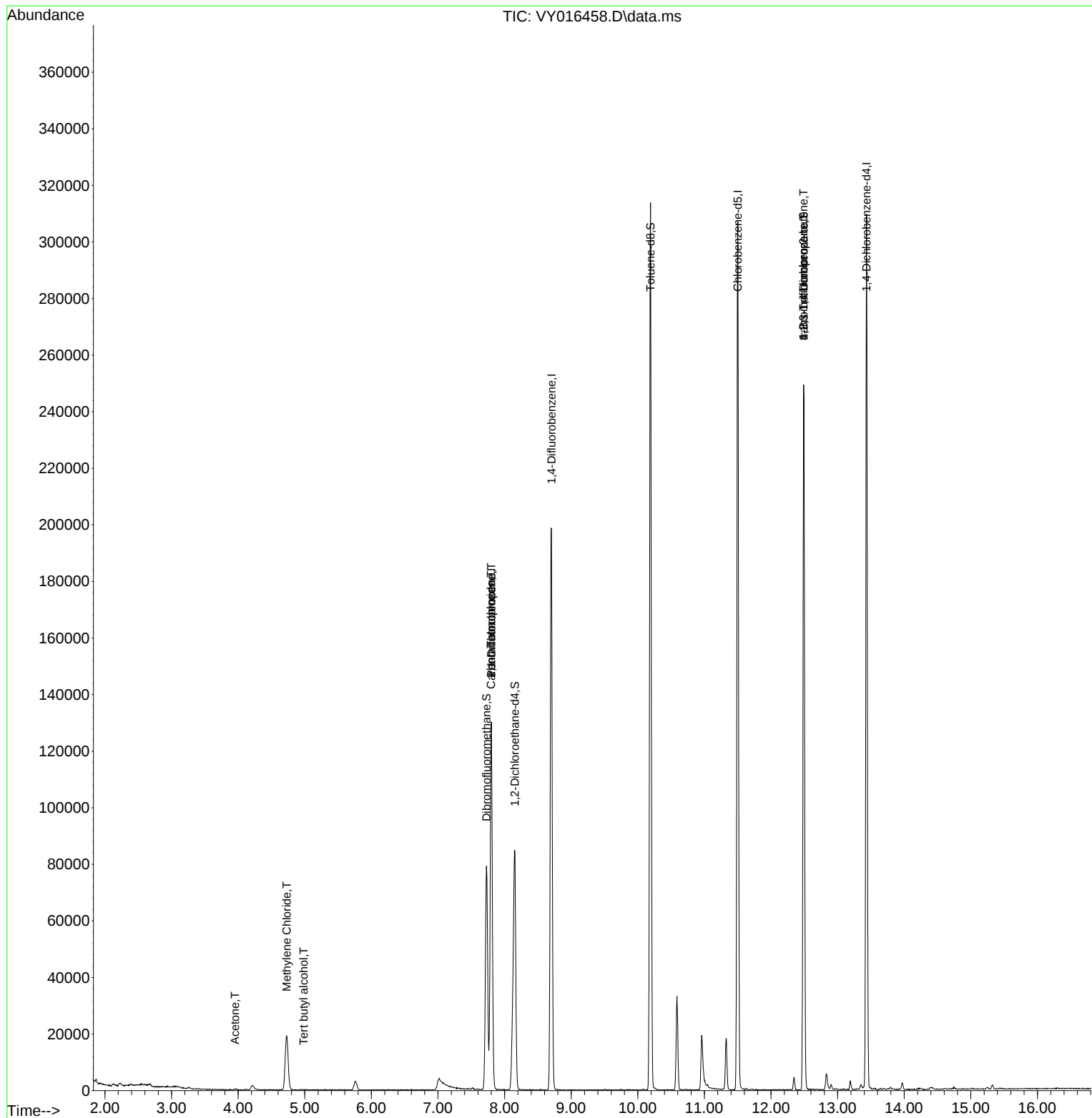
Internal Standards						
1) Pentafluorobenzene	7.801	168	104425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	183755	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	179457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	83142	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	60974	63.887	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.780%	
35) Dibromofluoromethane	7.728	113	57280	54.874	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.740%	
50) Toluene-d8	10.191	98	213127	50.349	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.700%	
62) 4-Bromofluorobenzene	12.489	95	75994	55.276	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.560%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.985	59	83	1.111	ug/l #	89
16) Acetone	3.954	43	562	3.560	ug/l	97
20) Methylene Chloride	4.729	84	16606	12.263	ug/l #	80
36) 1,1-Dichloropropene	7.801	75	7544	4.162	ug/l #	50
38) Carbon Tetrachloride	7.795	117	10308	5.480	ug/l #	18
76) 1,2,3-Trichloropropane	12.489	75	38419	48.170	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	38419	104.557	ug/l #	11

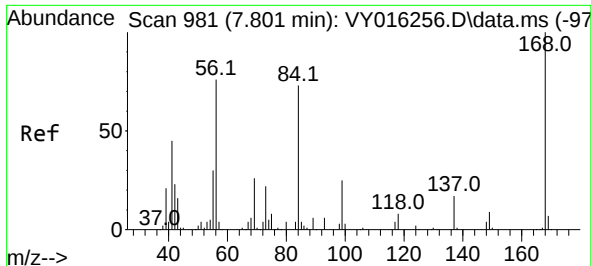
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
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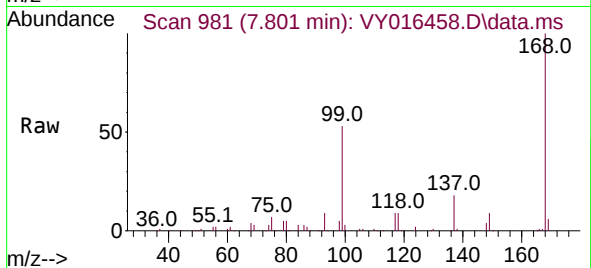
Quant Time: Nov 23 04:05:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
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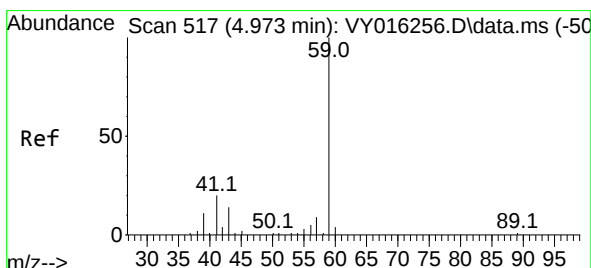
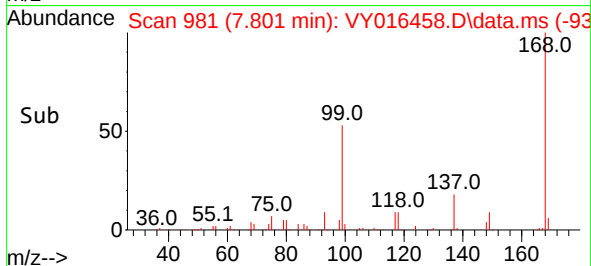
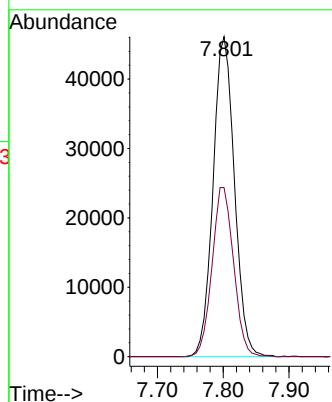


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016458.D
Acq: 22 Nov 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :

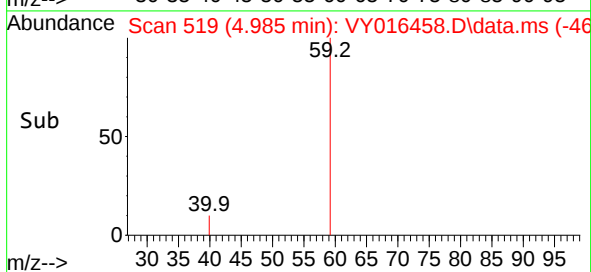
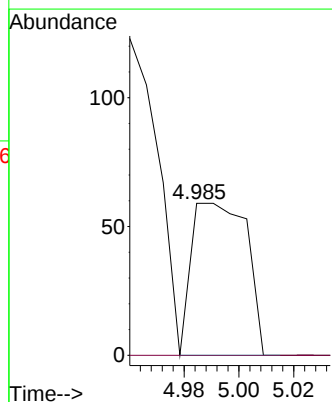
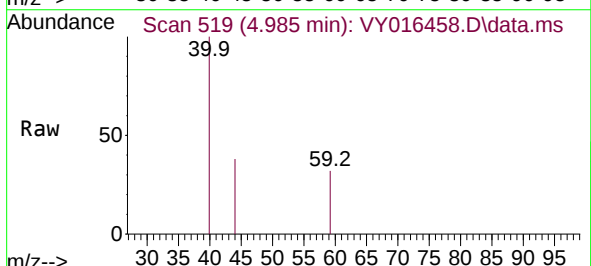


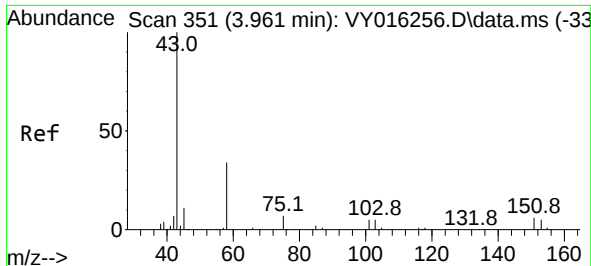
Tgt Ion:168 Resp: 104425
Ion Ratio Lower Upper
168 100
99 52.9 43.4 65.0



#11
Tert butyl alcohol
Concen: 1.111 ug/l
RT: 4.985 min Scan# 519
Delta R.T. 0.012 min
Lab File: VY016458.D
Acq: 22 Nov 2023 13:36

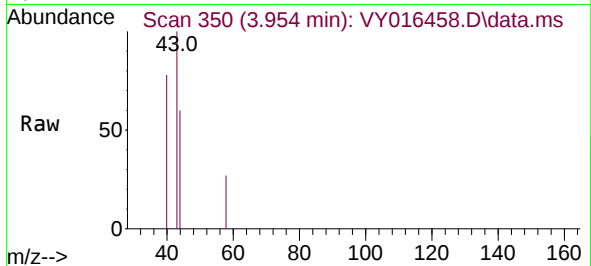
Tgt Ion: 59 Resp: 83
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



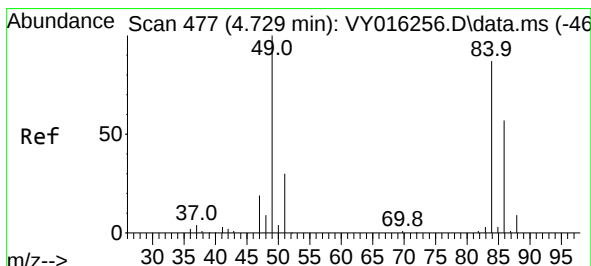
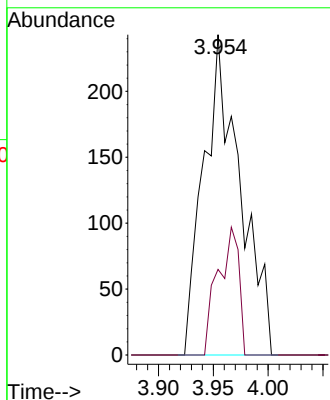
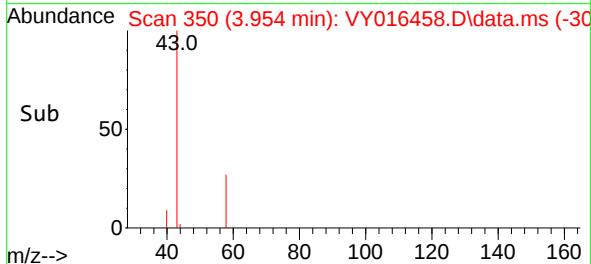


#16
Acetone
Concen: 3.560 ug/l
RT: 3.954 min Scan# 351
Delta R.T. -0.006 min
Lab File: VY016458.D
Acq: 22 Nov 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :

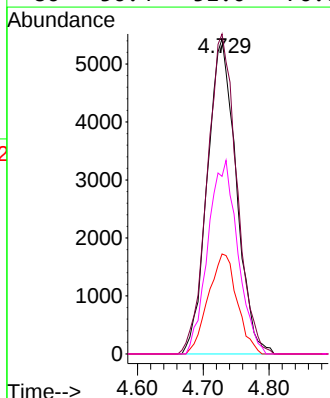
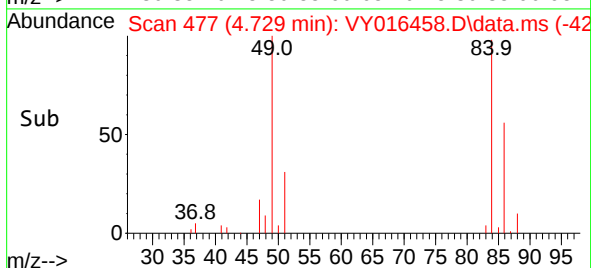
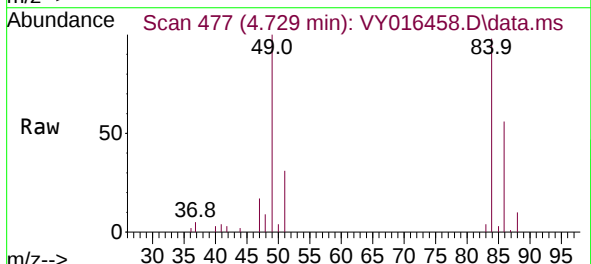


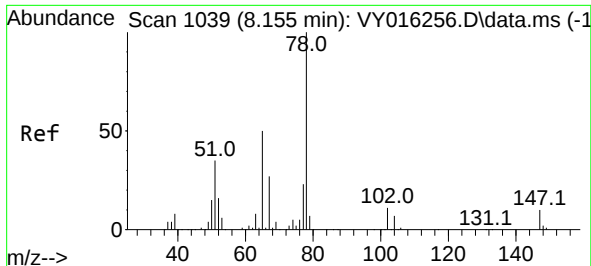
Tgt Ion: 43 Resp: 562
Ion Ratio Lower Upper
43 100
58 26.7 22.7 34.1



#20
Methylene Chloride
Concen: 12.263 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY016458.D
Acq: 22 Nov 2023 13:36

Tgt Ion: 84 Resp: 16606
Ion Ratio Lower Upper
84 100
49 101.5 106.9 160.3#
51 31.7 33.2 49.8#
86 56.4 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 63.887 ug/l

RT: 8.155 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY016458.D

Acq: 22 Nov 2023 13:36

Instrument :

MSVOA_Y

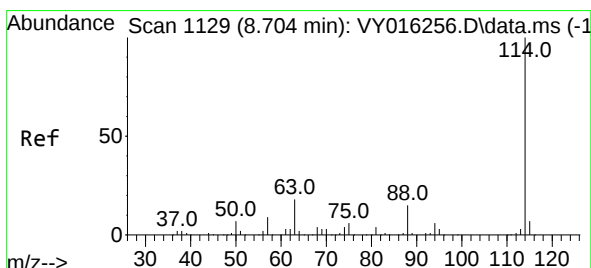
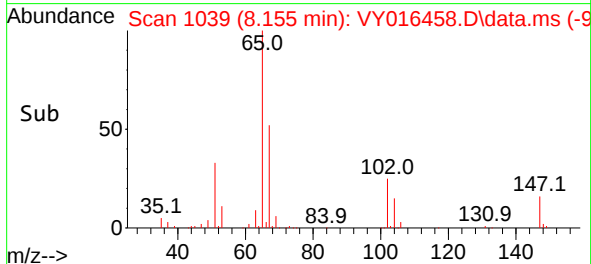
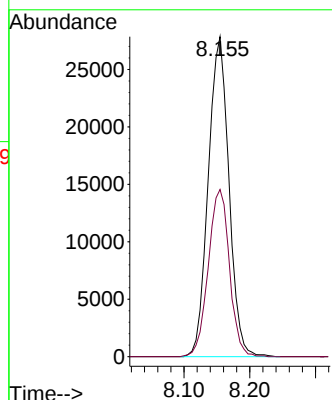
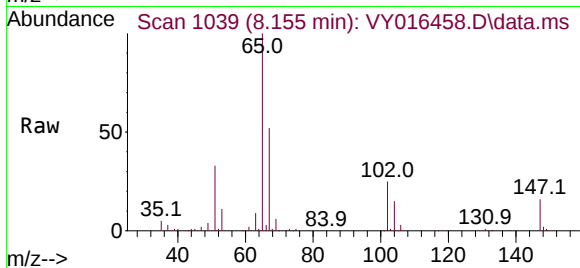
ClientSampleId :

Tgt Ion: 65 Resp: 60974

Ion Ratio Lower Upper

65 100

67 53.5 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: VY016458.D

Acq: 22 Nov 2023 13:36

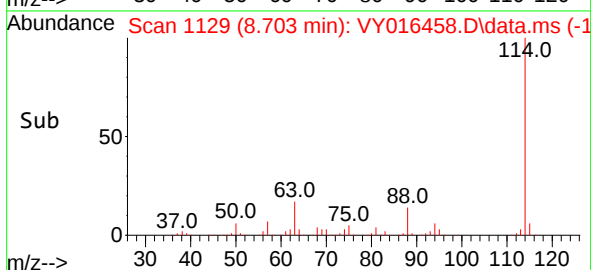
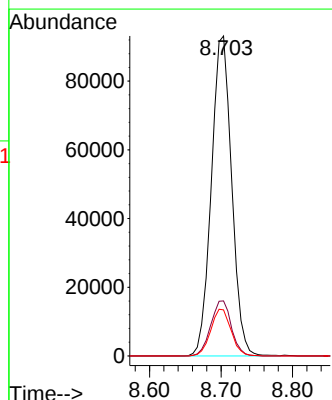
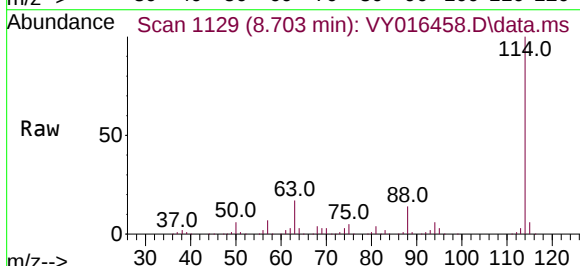
Tgt Ion: 114 Resp: 183755

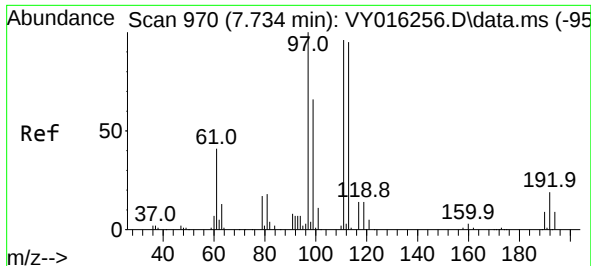
Ion Ratio Lower Upper

114 100

63 17.2 0.0 42.4

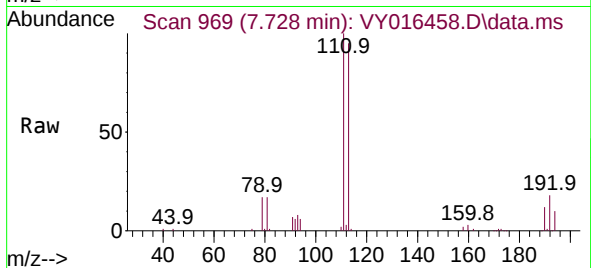
88 14.4 0.0 30.6



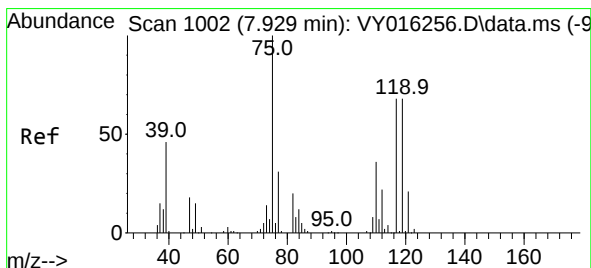
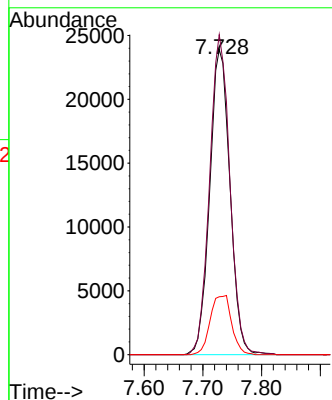
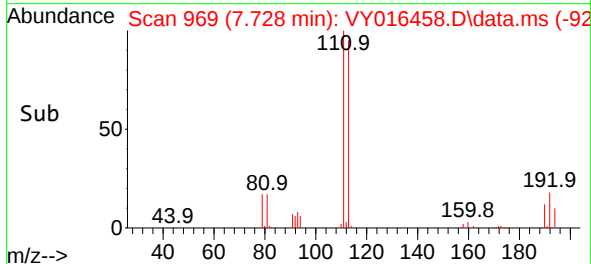


#35
Dibromofluoromethane
Concen: 54.874 ug/l
RT: 7.728 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY016458.D
Acq: 22 Nov 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :

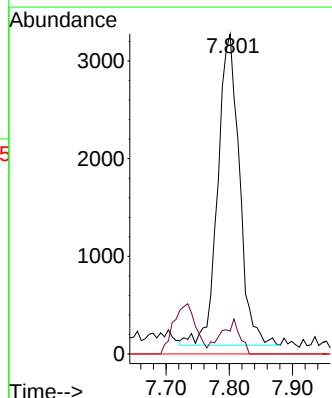
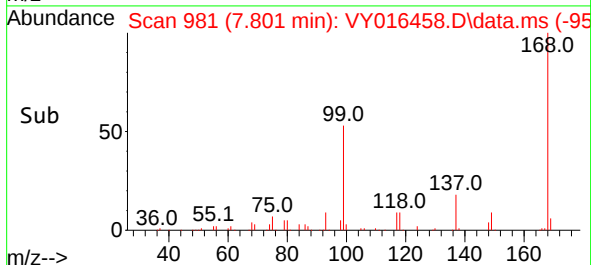
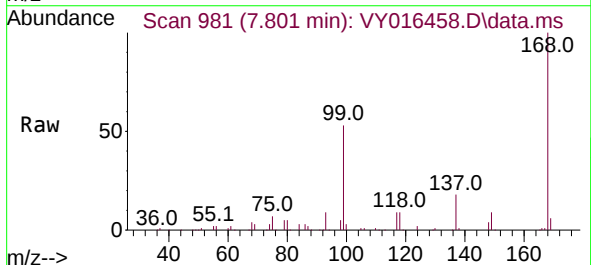


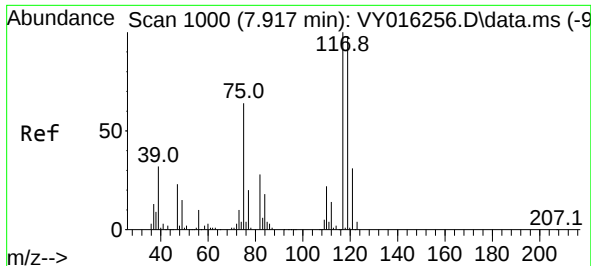
Tgt Ion:113 Resp: 57280
Ion Ratio Lower Upper
113 100
111 104.7 81.3 121.9
192 20.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.162 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY016458.D
Acq: 22 Nov 2023 13:36

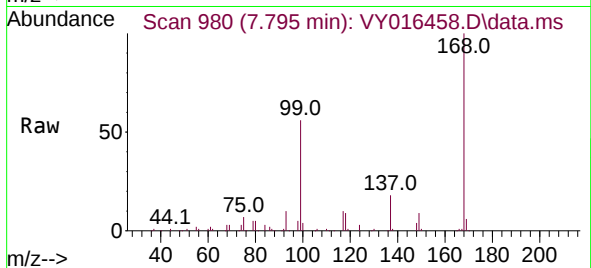
Tgt Ion: 75 Resp: 7544
Ion Ratio Lower Upper
75 100
110 9.6 17.8 53.5#
77 0.0 24.4 36.6#



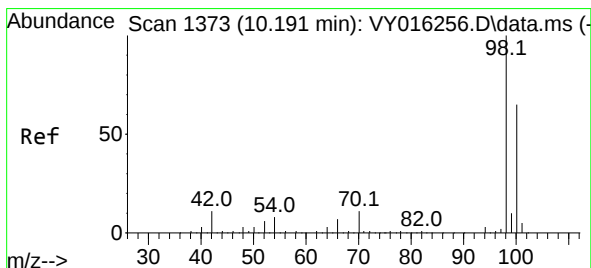
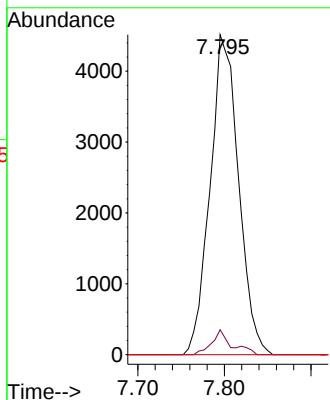
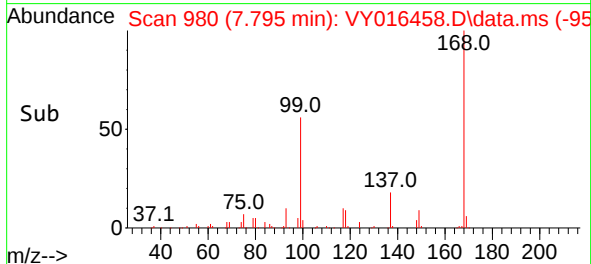


#38
Carbon Tetrachloride
Concen: 5.480 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY016458.D
Acq: 22 Nov 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :

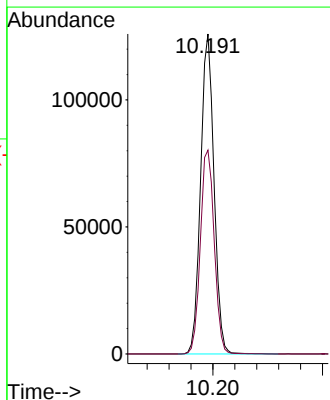
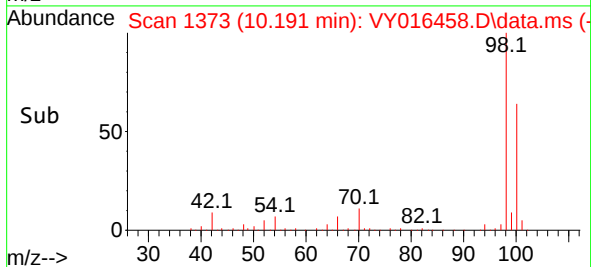
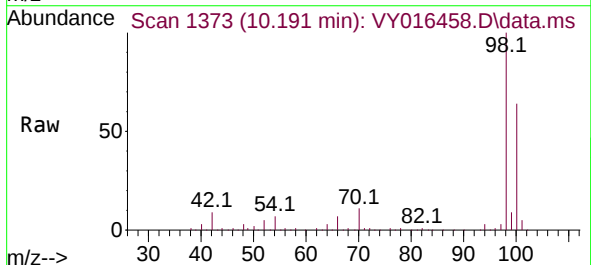


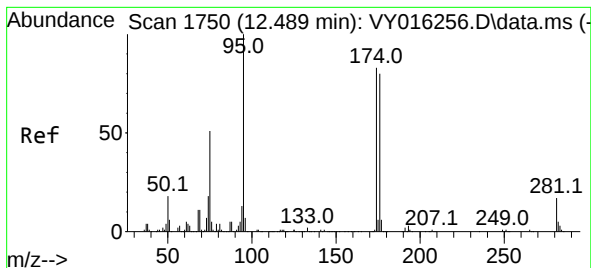
Tgt Ion:117 Resp: 10308
Ion Ratio Lower Upper
117 100
119 7.8 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.349 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY016458.D
Acq: 22 Nov 2023 13:36

Tgt Ion: 98 Resp: 213127
Ion Ratio Lower Upper
98 100
100 66.0 50.1 75.1

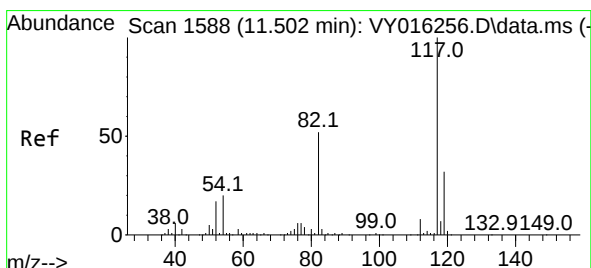
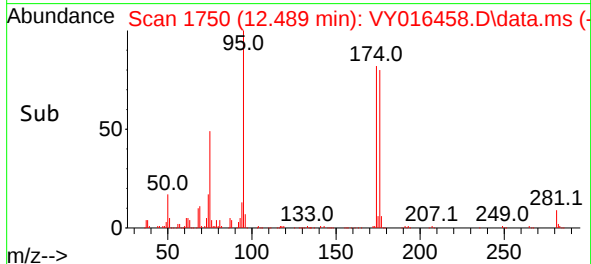
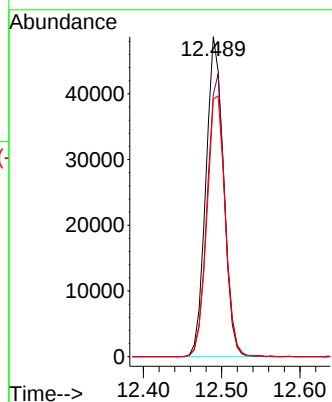
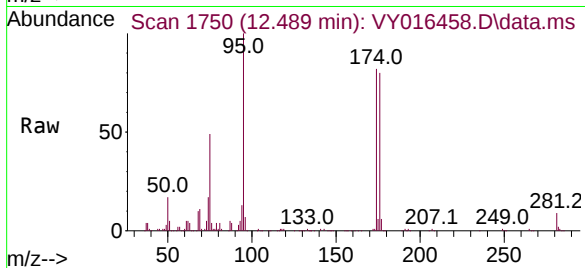




#62
4-Bromofluorobenzene
Concen: 55.276 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016458.D
Acq: 22 Nov 2023 13:36

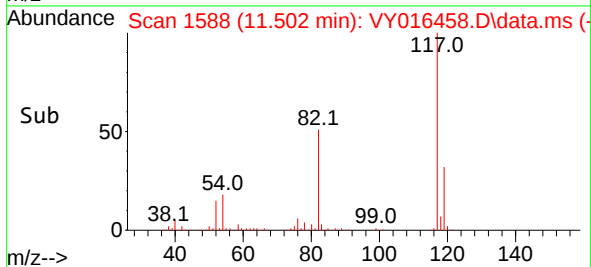
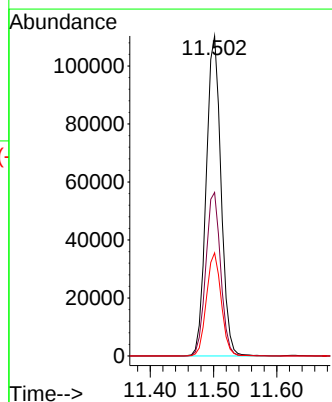
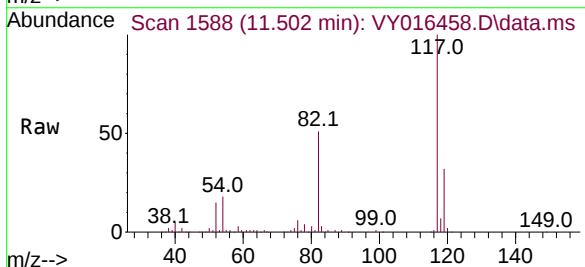
Instrument :
MSVOA_Y
ClientSampleId :

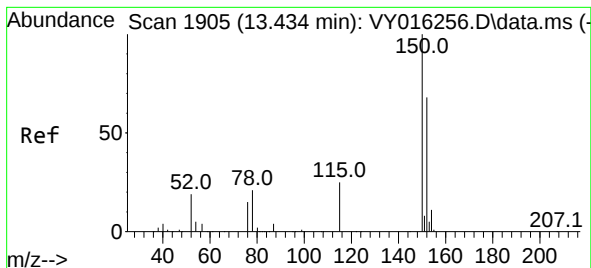
Tgt Ion: 95 Resp: 75994
Ion Ratio Lower Upper
95 100
174 88.6 0.0 178.2
176 84.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016458.D
Acq: 22 Nov 2023 13:36

Tgt Ion: 117 Resp: 179457
Ion Ratio Lower Upper
117 100
82 51.1 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

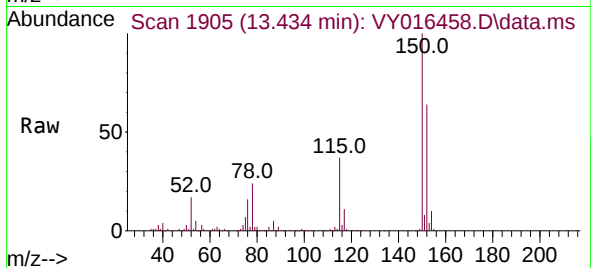
Lab File: VY016458.D

Acq: 22 Nov 2023 13:36

Instrument :

MSVOA_Y

ClientSampleId :



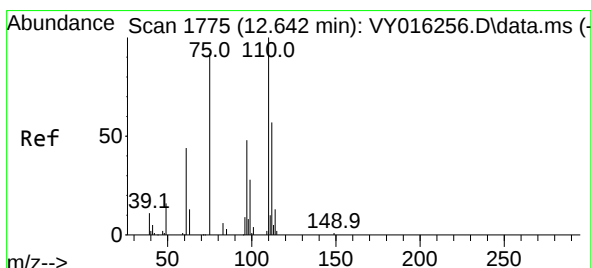
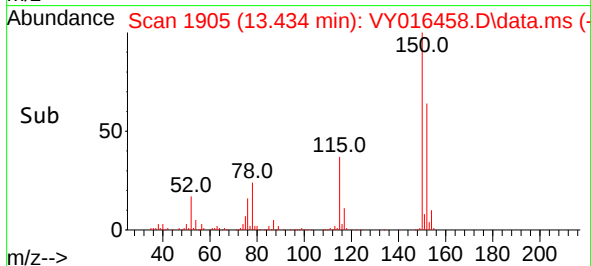
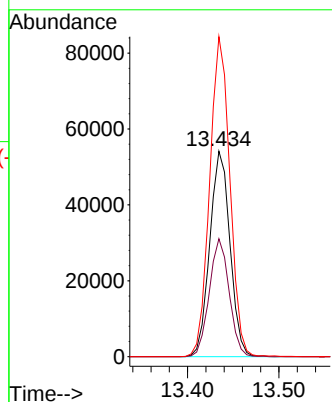
Tgt Ion:152 Resp: 83142

Ion Ratio Lower Upper

152 100

115 56.3 28.8 86.5

150 155.4 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 48.170 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.153 min

Lab File: VY016458.D

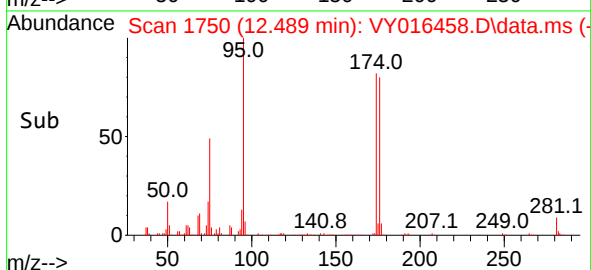
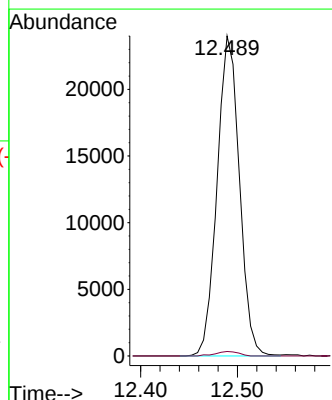
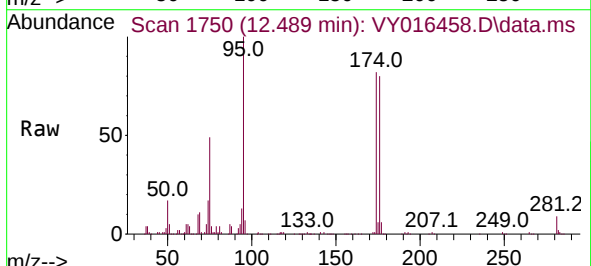
Acq: 22 Nov 2023 13:36

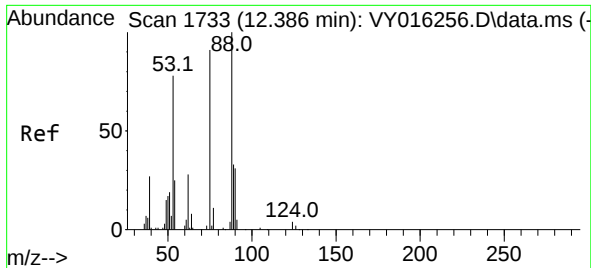
Tgt Ion: 75 Resp: 38419

Ion Ratio Lower Upper

75 100

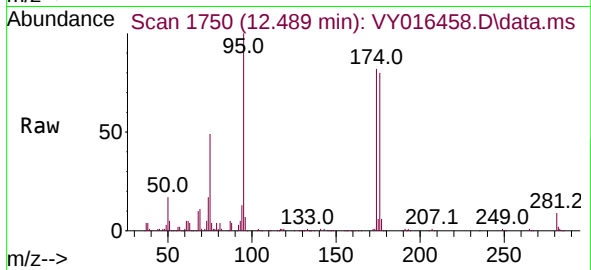
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 104.557 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY016458.D
 Acq: 22 Nov 2023 13:36

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	77.8	116.8#
89	0.1	37.4	56.0#

