

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111423\
 Data File : VY016342.D
 Acq On : 14 Nov 2023 12:34
 Operator : SY/MD
 Sample : 05385-03
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 14 19:02:15 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)

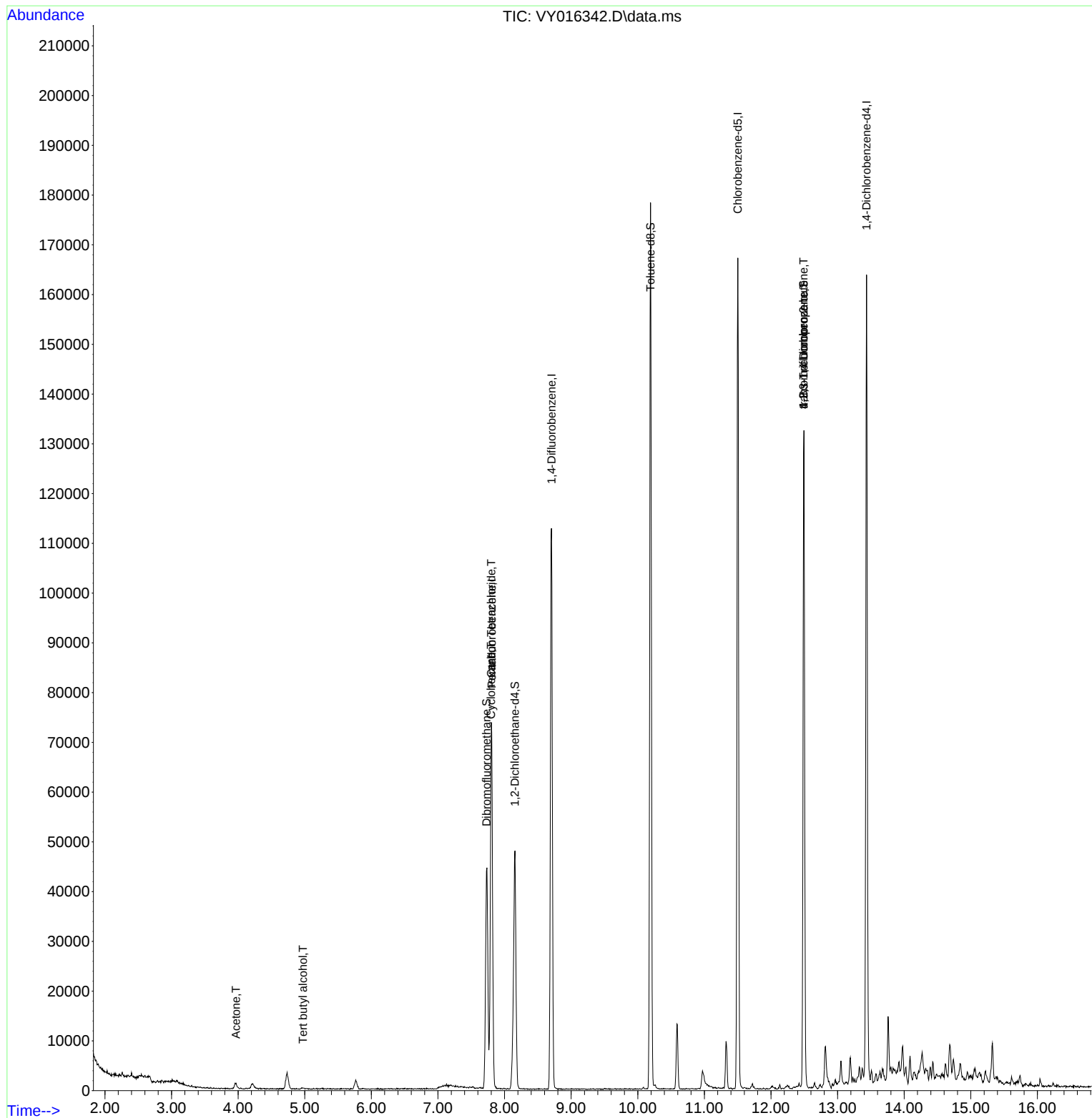
Internal Standards						
1) Pentafluorobenzene	7.807	168	57942	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	101468	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	94547	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	43151	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	35103	66.286	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.580%	
35) Dibromofluoromethane	7.728	113	32485	56.358	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.720%	
50) Toluene-d8	10.191	98	118720	50.791	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.580%	
62) 4-Bromofluorobenzene	12.489	95	38626	50.880	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.760%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.973	59	331	7.982	ug/l #	89
16) Acetone	3.967	43	2140	24.430	ug/l	98
31) Cyclohexane	7.795	56	1097	1.052	ug/l #	1
38) Carbon Tetrachloride	7.801	117	5624	5.414	ug/l #	15
76) 1,2,3-Trichloropropane	12.489	75	20072	48.490	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	20072	105.251	ug/l #	10

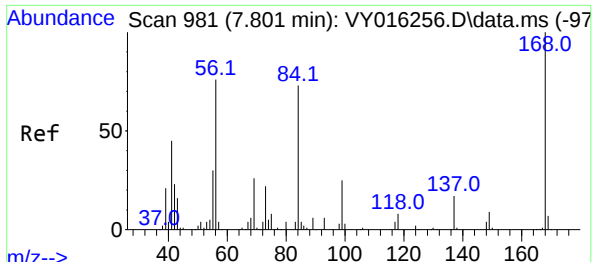
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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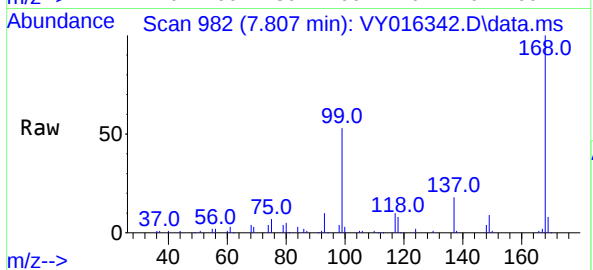
Quant Time: Nov 14 19:02:15 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration



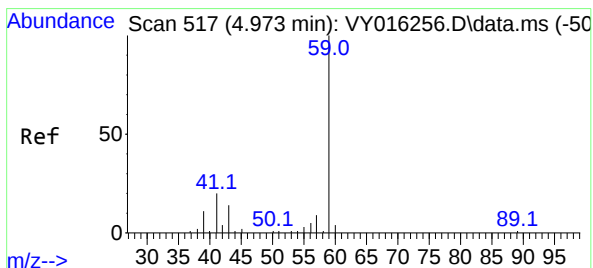
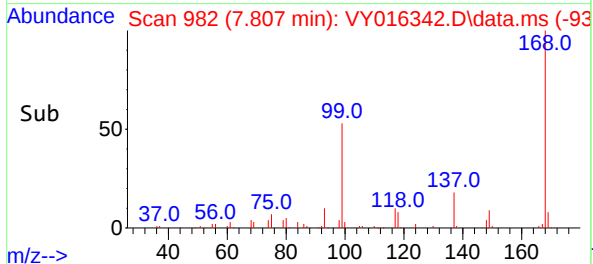
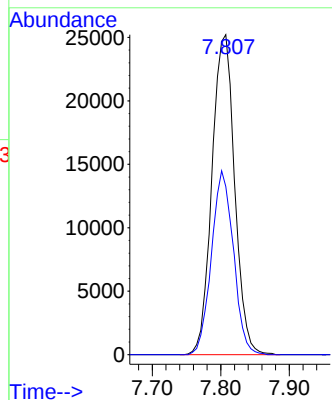


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016342.D
Acq: 14 Nov 2023 12:34

Instrument :
MSVOA_Y
ClientSampleId :

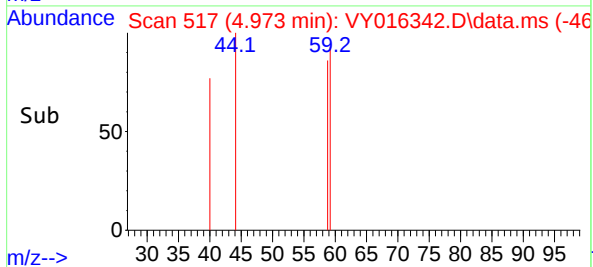
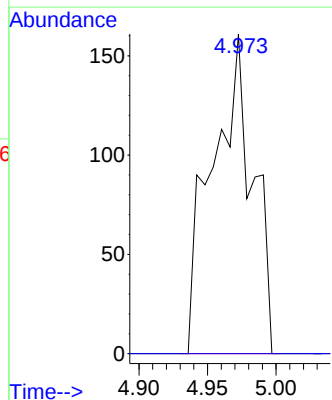
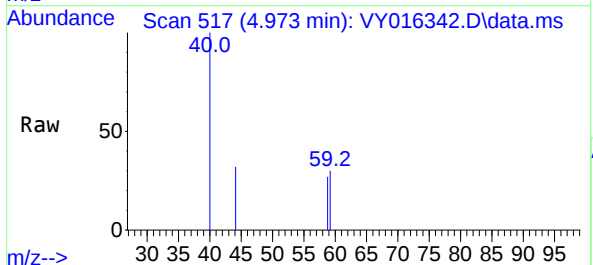


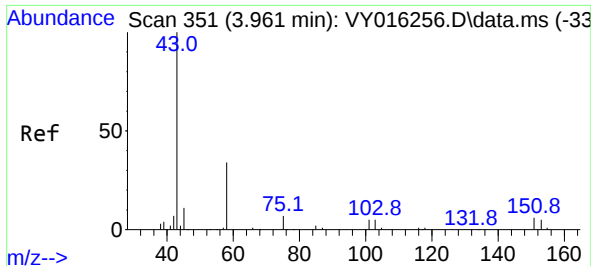
Tgt Ion:168 Resp: 57942
Ion Ratio Lower Upper
168 100
99 52.6 43.4 65.0



#11
Tert butyl alcohol
Concen: 7.982 ug/l
RT: 4.973 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY016342.D
Acq: 14 Nov 2023 12:34

Tgt Ion: 59 Resp: 331
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

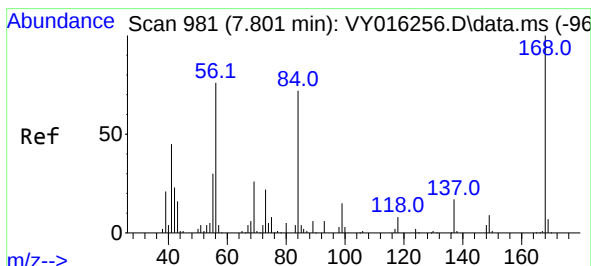
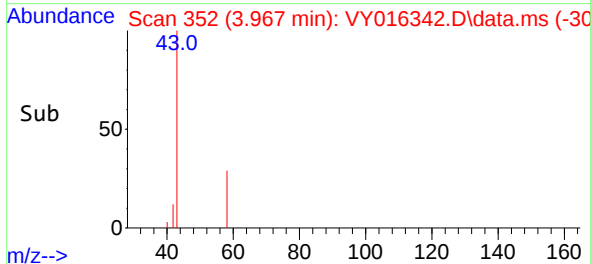
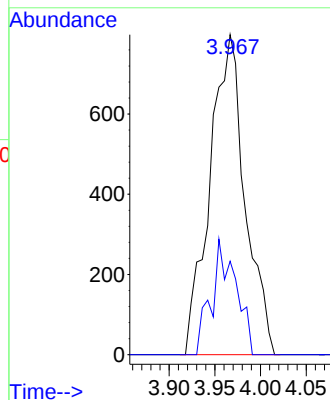
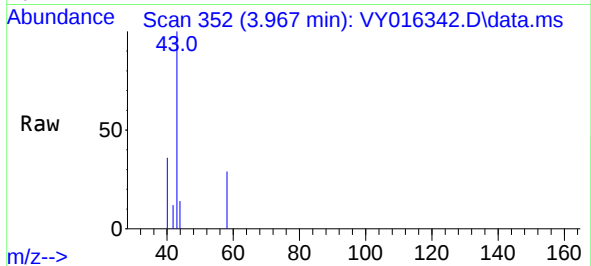




#16
Acetone
Concen: 24.430 ug/l
RT: 3.967 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY016342.D
Acq: 14 Nov 2023 12:34

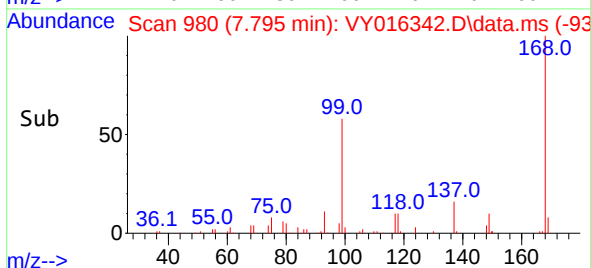
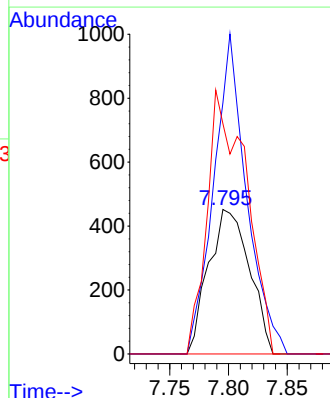
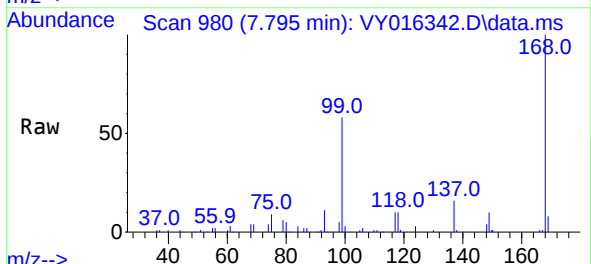
Instrument :
MSVOA_Y
ClientSampleId :

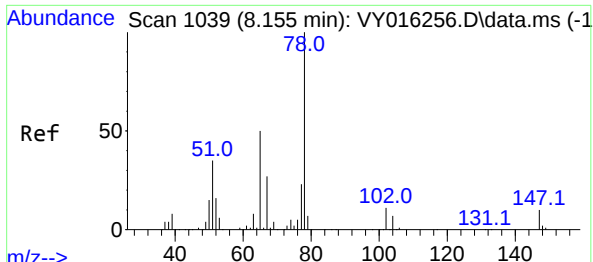
Tgt Ion: 43 Resp: 2140
Ion Ratio Lower Upper
43 100
58 29.2 22.7 34.1



#31
Cyclohexane
Concen: 1.052 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY016342.D
Acq: 14 Nov 2023 12:34

Tgt Ion: 56 Resp: 1097
Ion Ratio Lower Upper
56 100
69 173.9 27.8 41.6#
84 159.3 66.4 99.6#

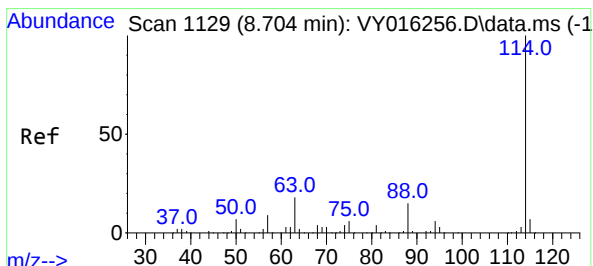
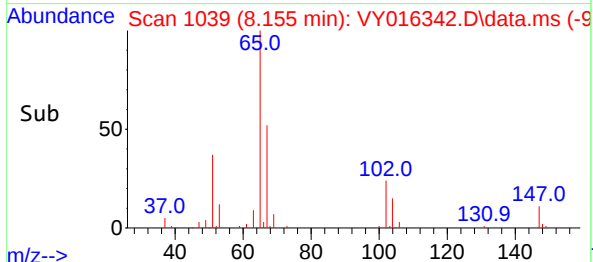
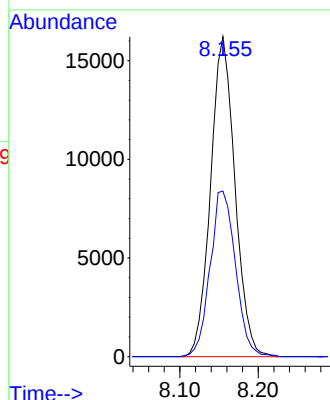
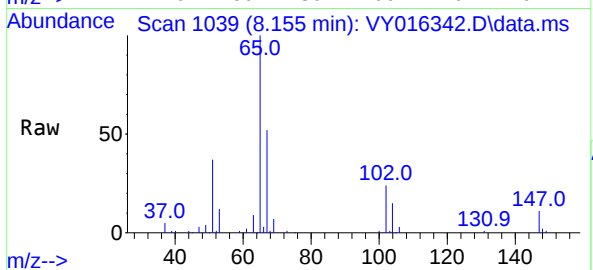




#33
1,2-Dichloroethane-d4
Concen: 66.286 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY016342.D
Acq: 14 Nov 2023 12:34

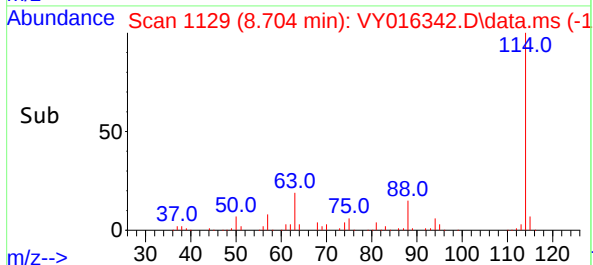
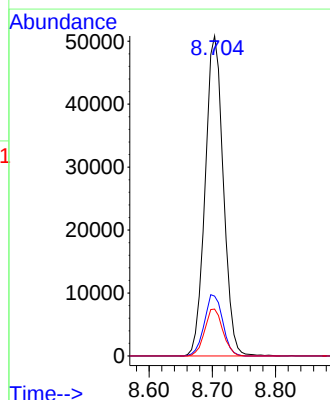
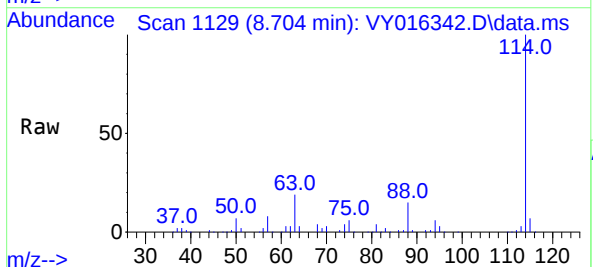
Instrument :
MSVOA_Y
ClientSampleId :

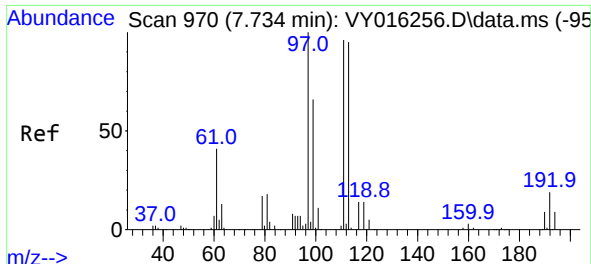
Tgt Ion: 65 Resp: 35103
Ion Ratio Lower Upper
65 100
67 54.0 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.704 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VY016342.D
Acq: 14 Nov 2023 12:34

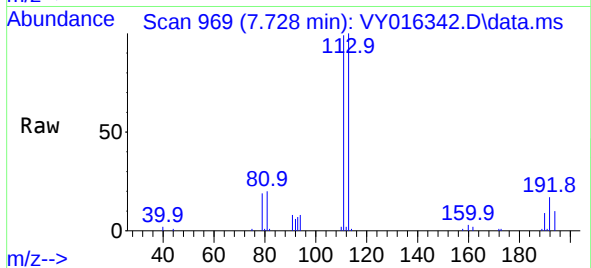
Tgt Ion:114 Resp: 101468
Ion Ratio Lower Upper
114 100
63 18.7 0.0 42.4
88 14.7 0.0 30.6



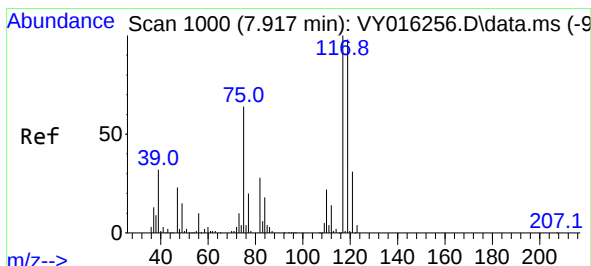
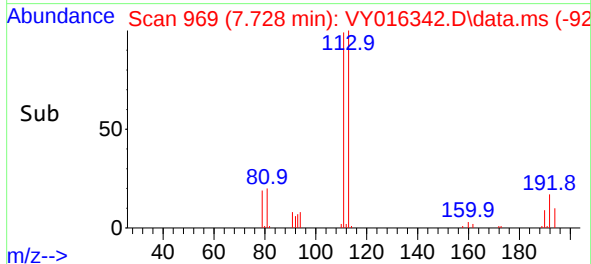
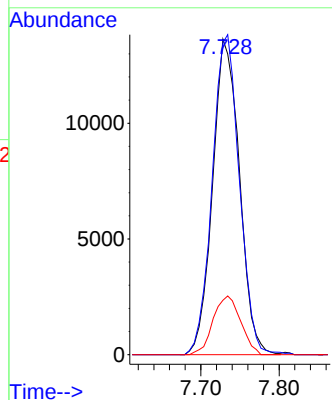


#35
Dibromofluoromethane
Concen: 56.358 ug/l
RT: 7.728 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY016342.D
Acq: 14 Nov 2023 12:34

Instrument :
MSVOA_Y
ClientSampleId :

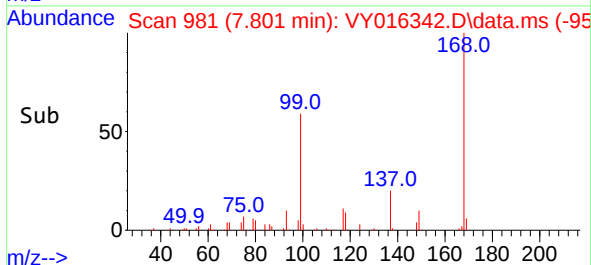
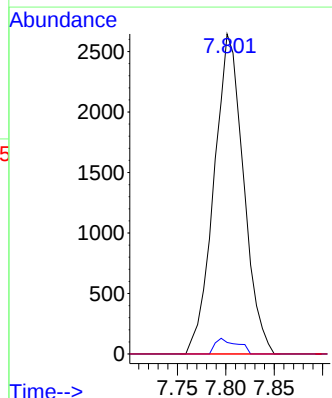
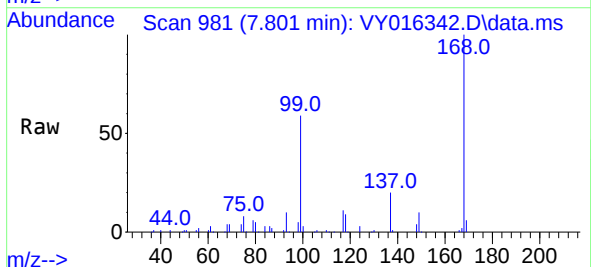


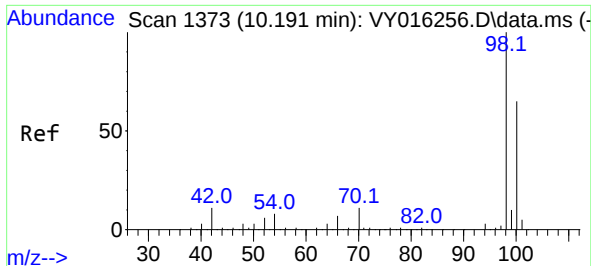
Tgt Ion:113 Resp: 32485
Ion Ratio Lower Upper
113 100
111 102.5 81.3 121.9
192 19.1 16.9 25.3



#38
Carbon Tetrachloride
Concen: 5.414 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.116 min
Lab File: VY016342.D
Acq: 14 Nov 2023 12:34

Tgt Ion:117 Resp: 5624
Ion Ratio Lower Upper
117 100
119 3.6 76.4 114.6#
121 0.0 25.8 38.6#

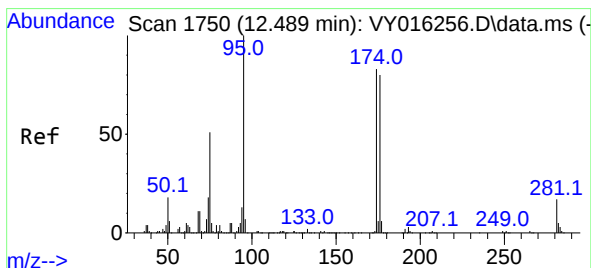
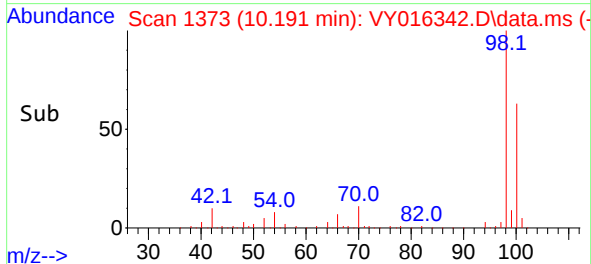
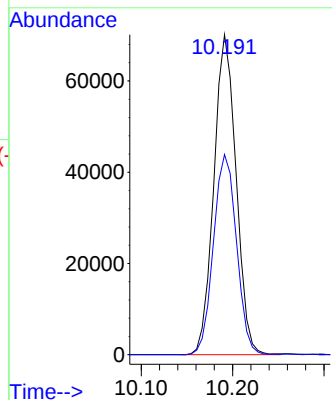
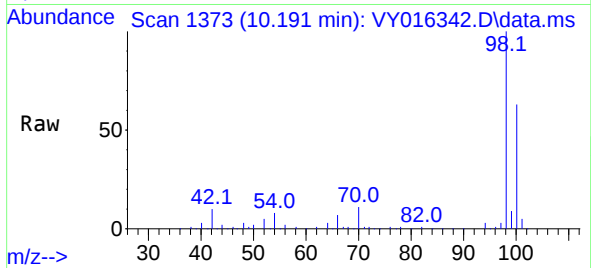




#50
Toluene-d8
Concen: 50.791 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016342.D
Acq: 14 Nov 2023 12:34

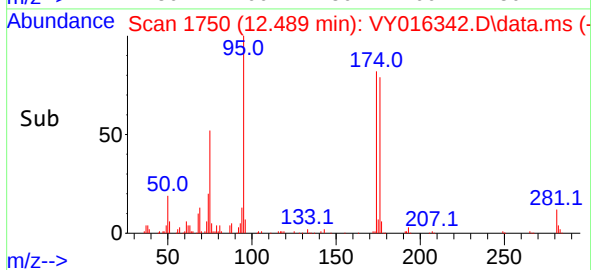
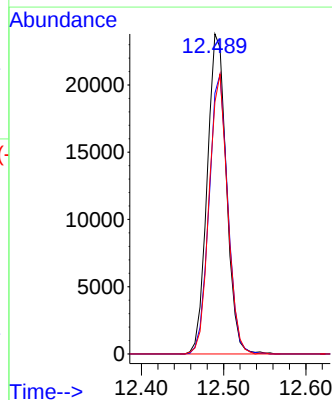
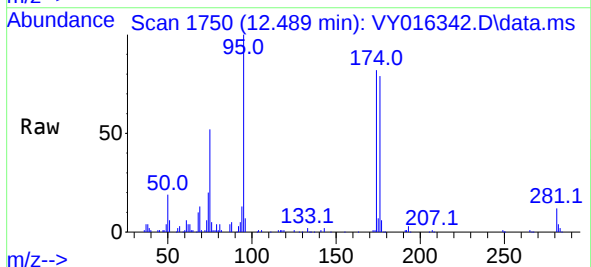
Instrument :
MSVOA_Y
ClientSampleId :

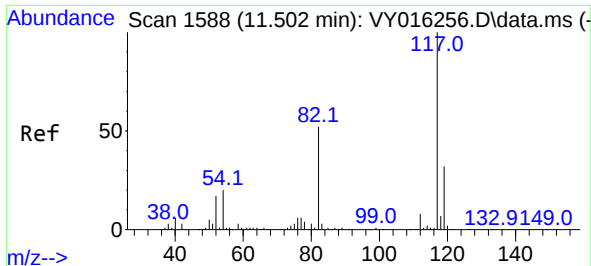
Tgt Ion: 98 Resp: 118720
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 50.880 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016342.D
Acq: 14 Nov 2023 12:34

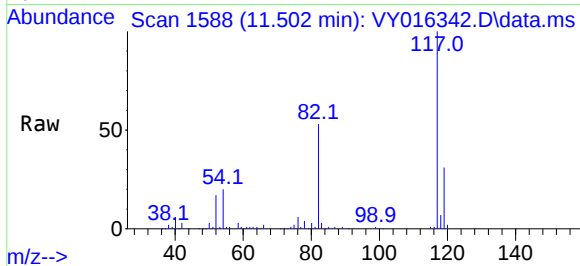
Tgt Ion: 95 Resp: 38626
Ion Ratio Lower Upper
95 100
174 85.3 0.0 178.2
176 84.1 0.0 173.8



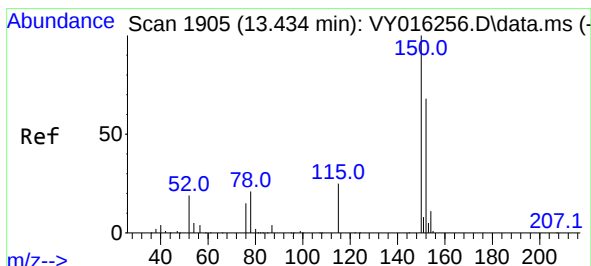
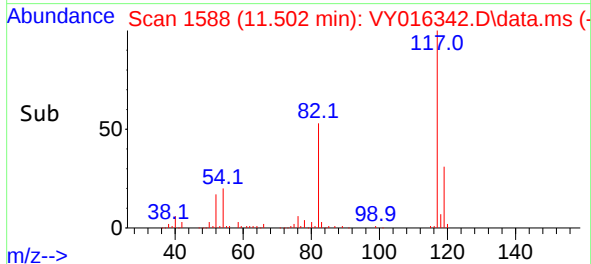
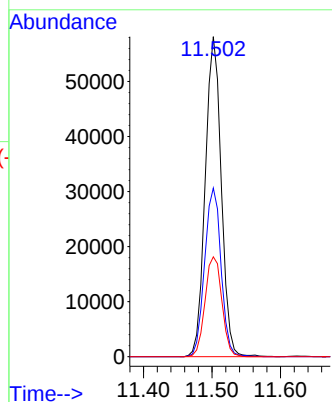


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY016342.D
Acq: 14 Nov 2023 12:34

Instrument :
MSVOA_Y
ClientSampleId :

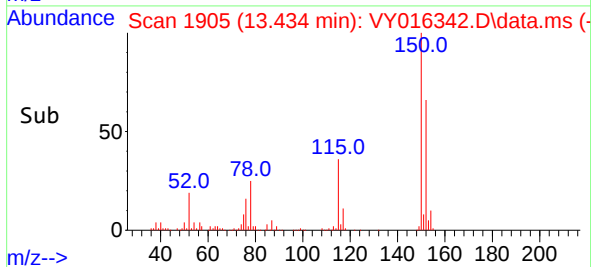
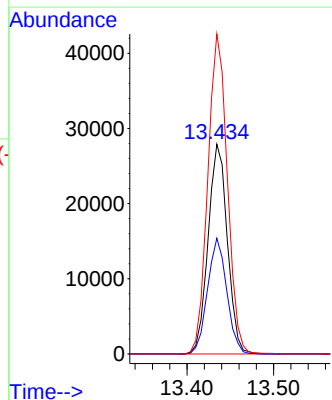
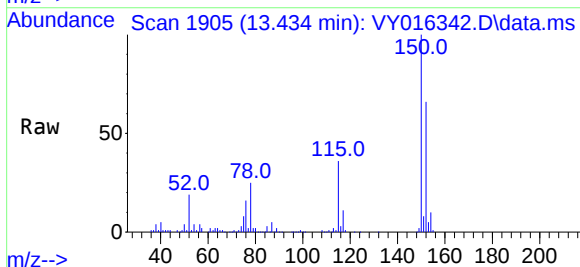


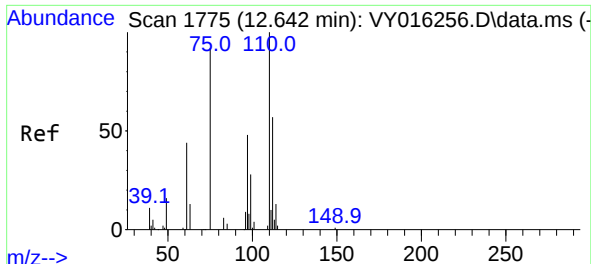
Tgt Ion:	117	Resp:	94547
Ion Ratio	Lower	Upper	
117	100		
82	52.7	43.4	65.0
119	31.2	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016342.D
Acq: 14 Nov 2023 12:34

Tgt Ion:	152	Resp:	43151
Ion Ratio	Lower	Upper	
152	100		
115	55.0	28.8	86.5
150	154.3	0.0	348.8

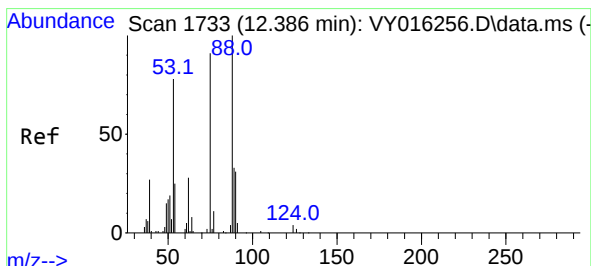
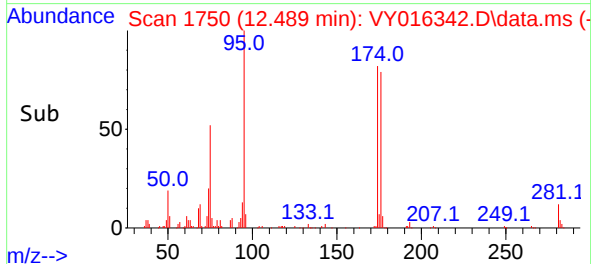
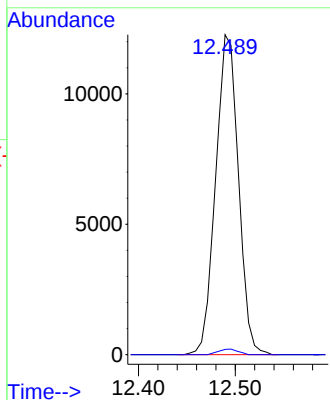
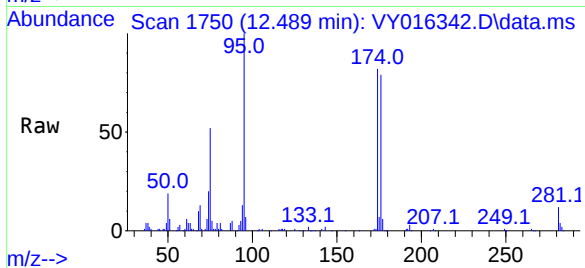




#76
1,2,3-Trichloropropane
Concen: 48.490 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.152 min
Lab File: VY016342.D
Acq: 14 Nov 2023 12:34

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 20072
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.251 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY016342.D
Acq: 14 Nov 2023 12:34

Tgt Ion: 75 Resp: 20072
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

