

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112423\
 Data File : VY016490.D
 Acq On : 24 Nov 2023 17:26
 Operator : SY/MD
 Sample : 05434-06
 Misc : 5.83g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 27 04:48:17 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)

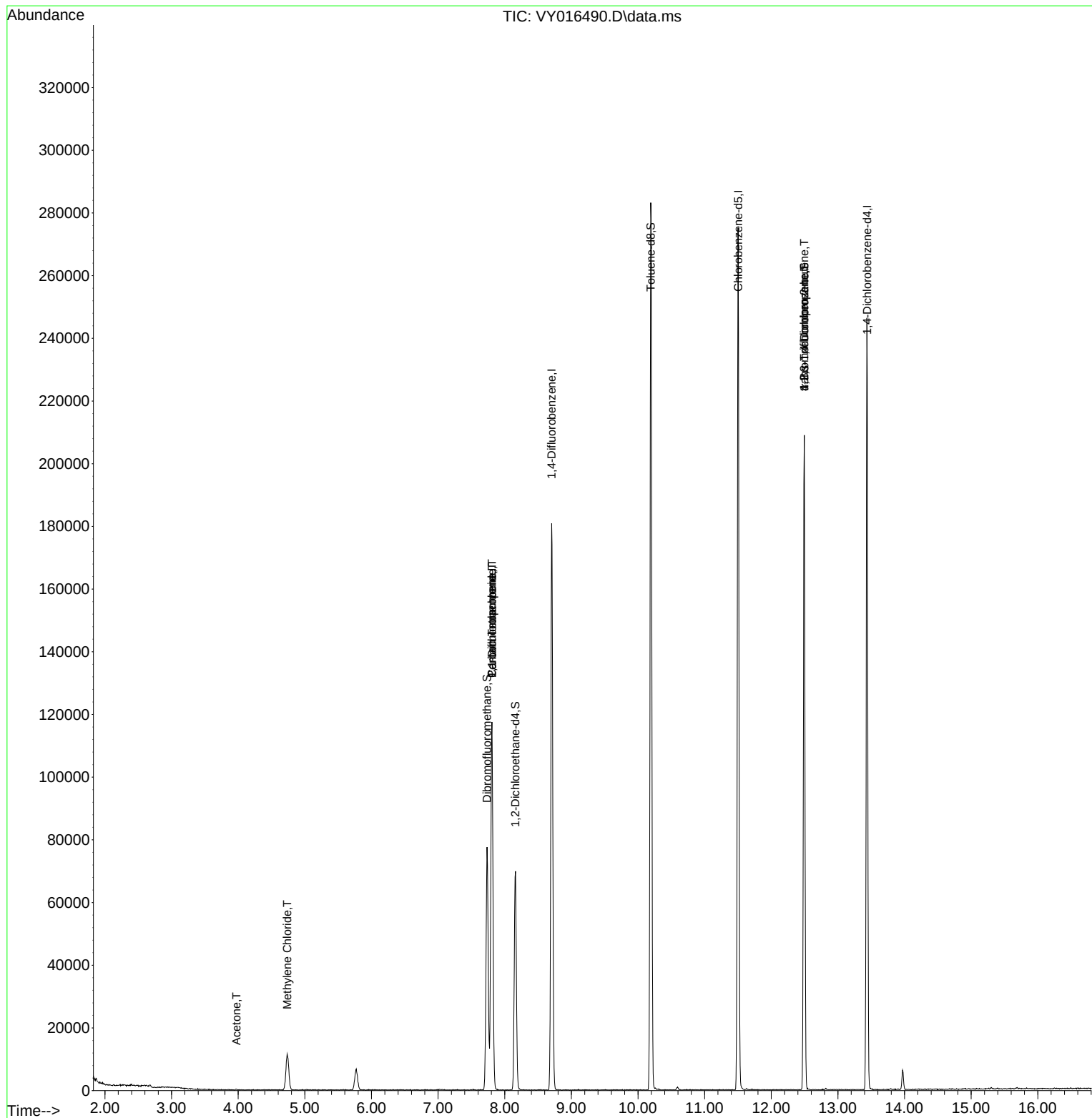
Internal Standards						
1) Pentafluorobenzene	7.807	168	94922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	168583	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	162851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	68187	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	56151	64.724	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 129.440%		
35) Dibromofluoromethane	7.734	113	55628	58.088	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 116.180%		
50) Toluene-d8	10.191	98	197194	50.777	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 101.560%		
62) 4-Bromofluorobenzene	12.496	95	65847	52.206	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 104.420%		
Target Compounds						
					Qvalue	
16) Acetone	3.973	43	219	1.526	ug/l #	46
20) Methylene Chloride	4.735	84	9427	6.254	ug/l #	79
36) 1,1-Dichloropropene	7.807	75	6325	3.804	ug/l #	51
38) Carbon Tetrachloride	7.807	117	9357	5.422	ug/l #	17
76) 1,2,3-Trichloropropane	12.496	75	32201	49.229	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.496	75	32201	106.855	ug/l #	10

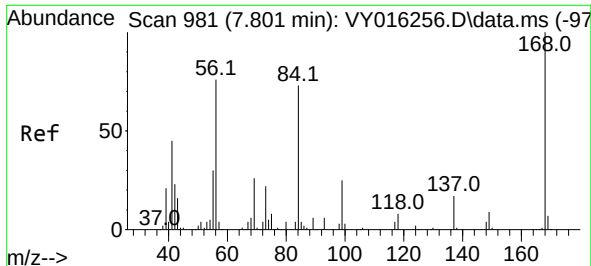
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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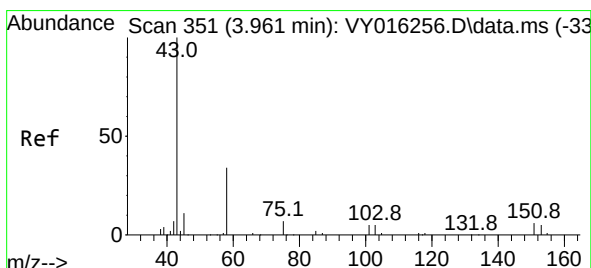
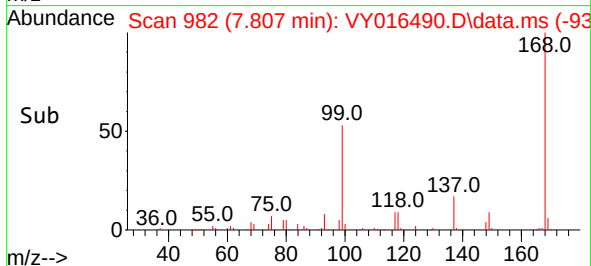
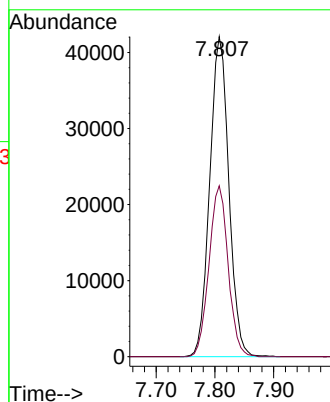
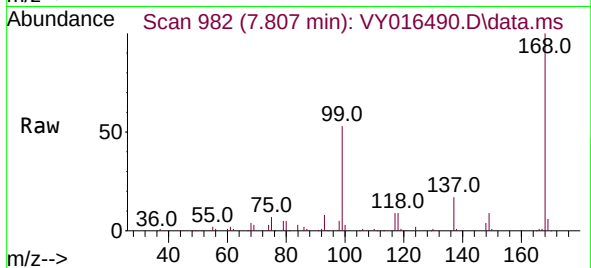




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016490.D
Acq: 24 Nov 2023 17:26

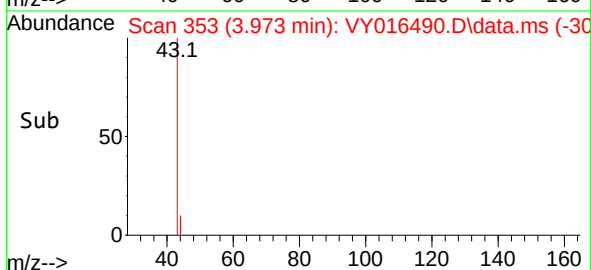
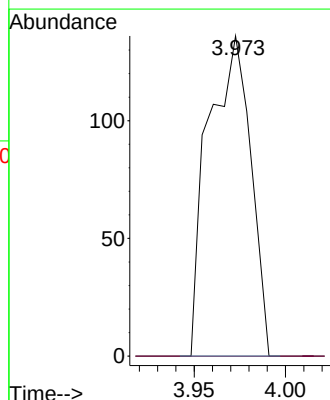
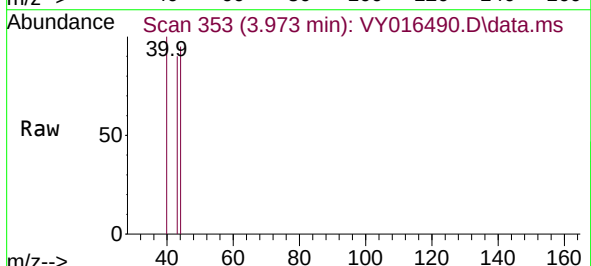
Instrument :
MSVOA_Y
ClientSampleId :

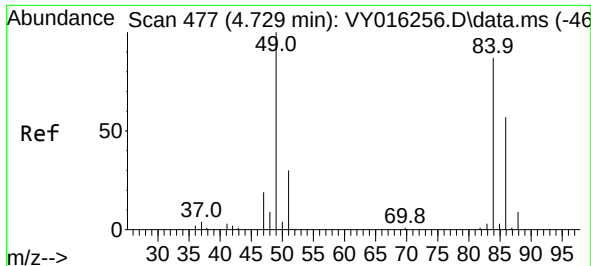
Tgt Ion:168 Resp: 94922
Ion Ratio Lower Upper
168 100
99 53.4 43.4 65.0



#16
Acetone
Concen: 1.526 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY016490.D
Acq: 24 Nov 2023 17:26

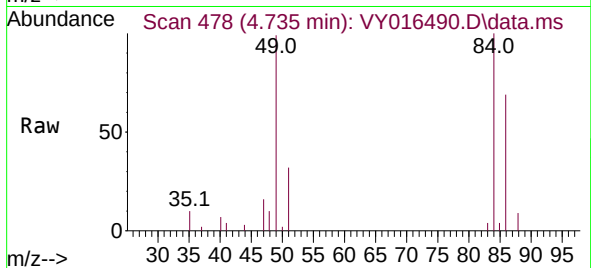
Tgt Ion: 43 Resp: 219
Ion Ratio Lower Upper
43 100
58 0.0 22.7 34.1#



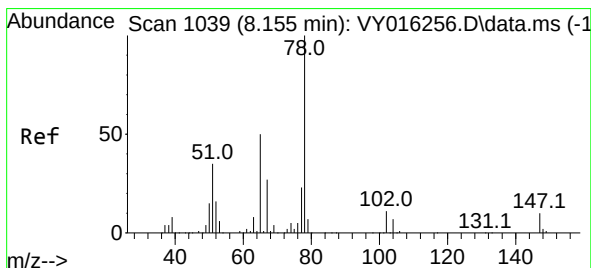
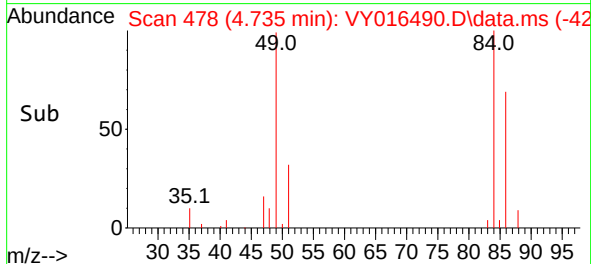
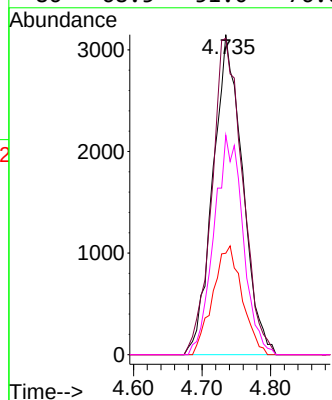


#20
Methylene Chloride
Concen: 6.254 ug/l
RT: 4.735 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY016490.D
Acq: 24 Nov 2023 17:26

Instrument :
MSVOA_Y
ClientSampleId :

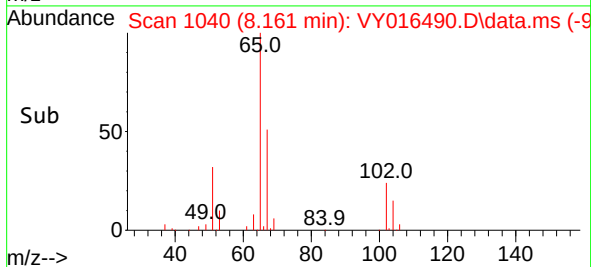
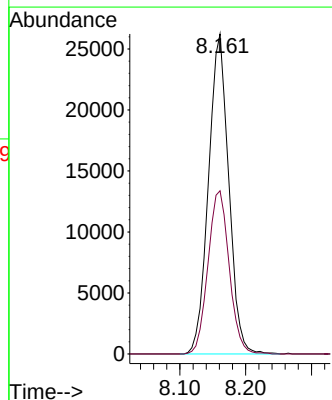
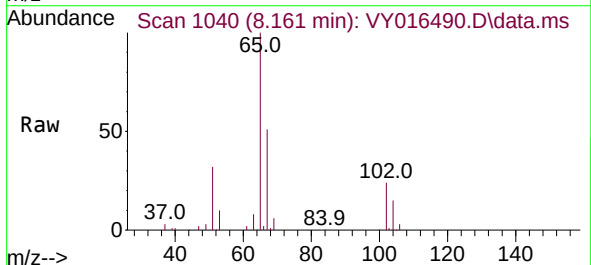


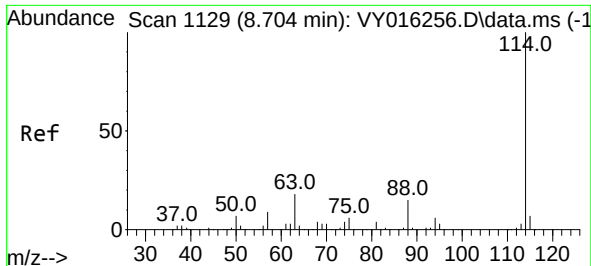
Tgt Ion:	84	Resp:	9427
Ion	Ratio	Lower	Upper
84	100		
49	98.9	106.9	160.3#
51	31.7	33.2	49.8#
86	68.5	51.0	76.6



#33
1,2-Dichloroethane-d4
Concen: 64.724 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016490.D
Acq: 24 Nov 2023 17:26

Tgt Ion:	65	Resp:	56151
Ion	Ratio	Lower	Upper
65	100		
67	53.4	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: VY016490.D

Acq: 24 Nov 2023 17:26

Instrument :

MSVOA_Y

ClientSampleId :

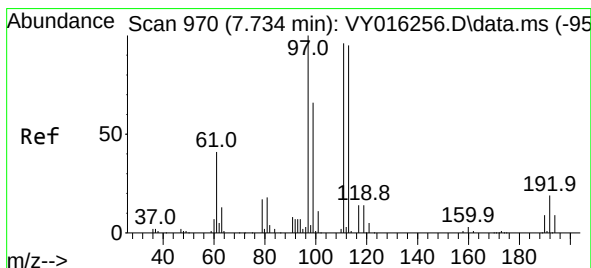
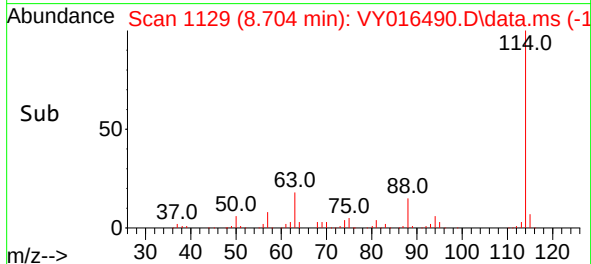
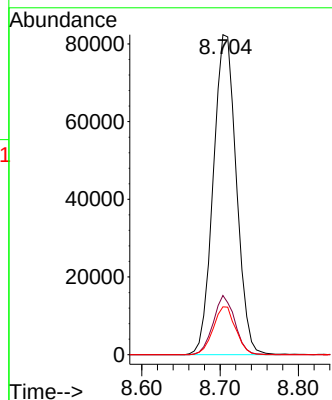
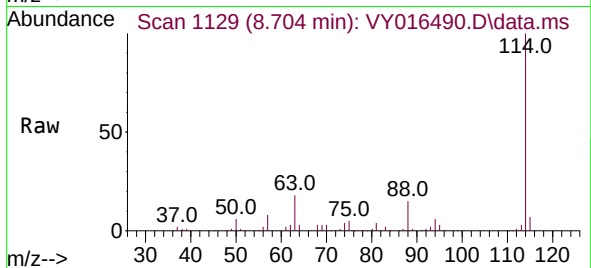
Tgt Ion:114 Resp: 168583

Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.4

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 58.088 ug/l

RT: 7.734 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY016490.D

Acq: 24 Nov 2023 17:26

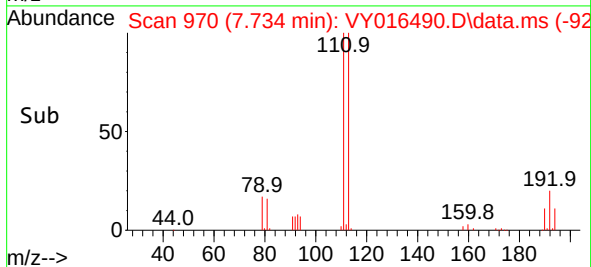
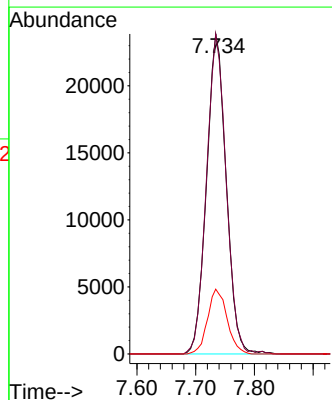
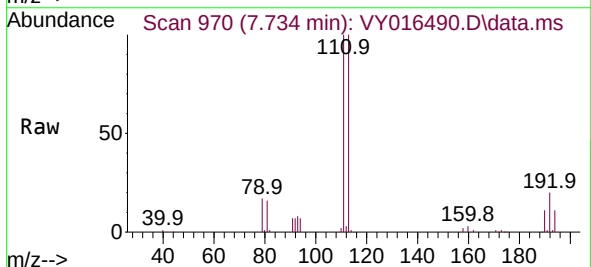
Tgt Ion:113 Resp: 55628

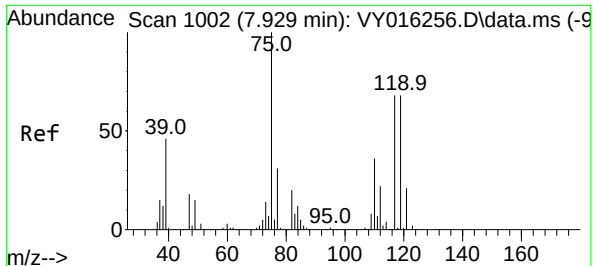
Ion Ratio Lower Upper

113 100

111 100.0 81.3 121.9

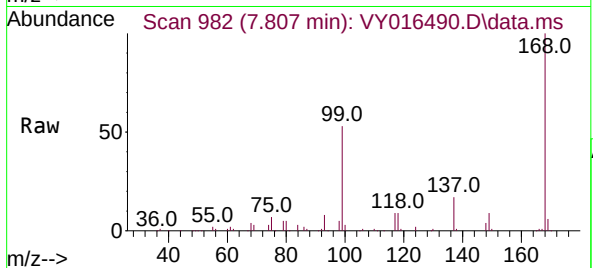
192 20.1 16.9 25.3



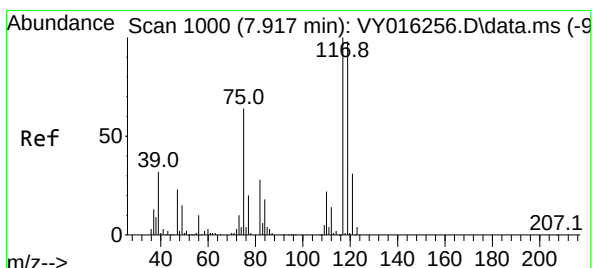
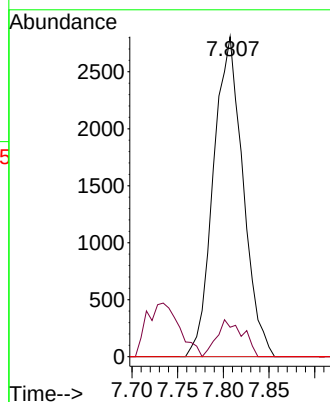
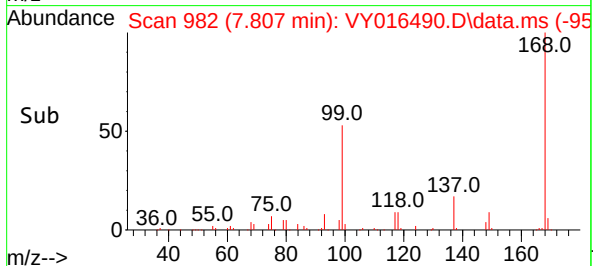


#36
1,1-Dichloropropene
Concen: 3.804 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.122 min
Lab File: VY016490.D
Acq: 24 Nov 2023 17:26

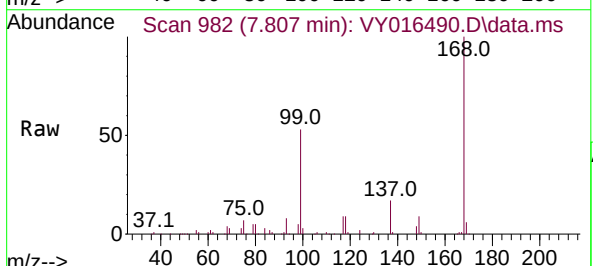
Instrument :
MSVOA_Y
ClientSampleId :



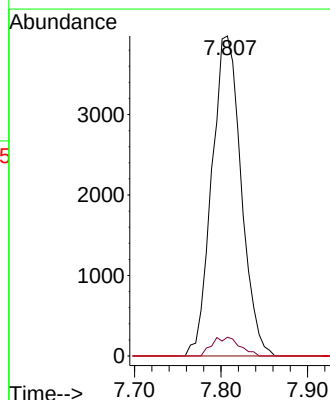
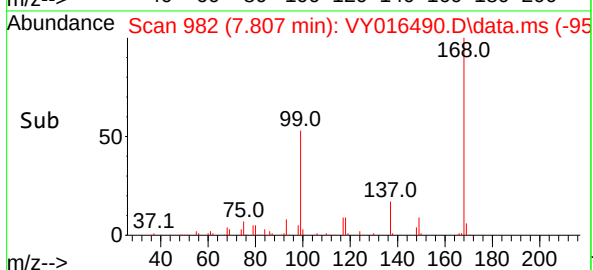
Tgt Ion: 75 Resp: 6325
Ion Ratio Lower Upper
75 100
110 10.1 17.8 53.5#
77 0.0 24.4 36.6#

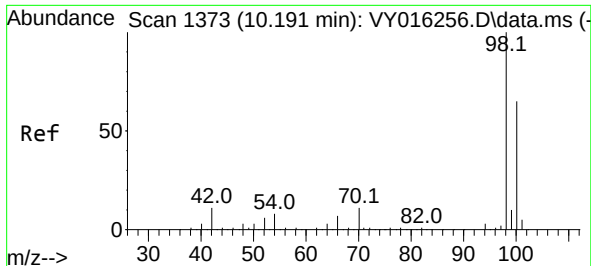


#38
Carbon Tetrachloride
Concen: 5.422 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.110 min
Lab File: VY016490.D
Acq: 24 Nov 2023 17:26



Tgt Ion: 117 Resp: 9357
Ion Ratio Lower Upper
117 100
119 5.9 76.4 114.6#
121 0.0 25.8 38.6#

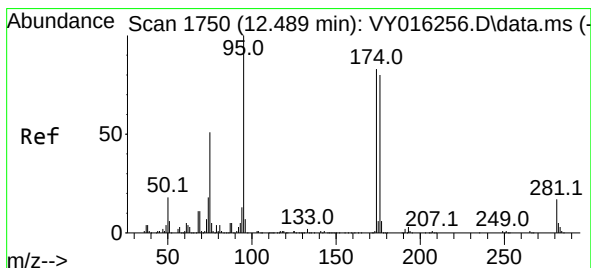
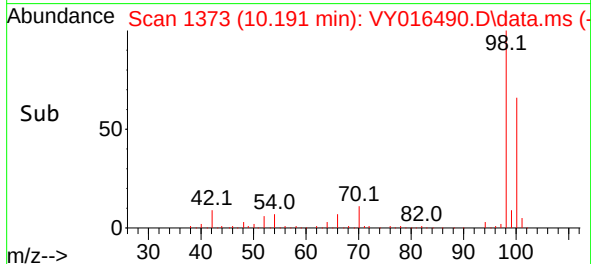
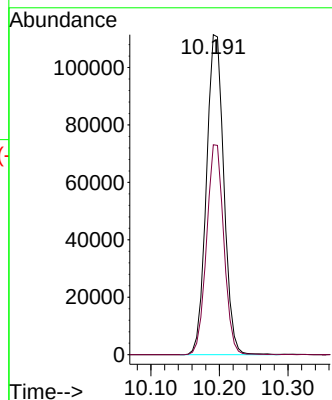
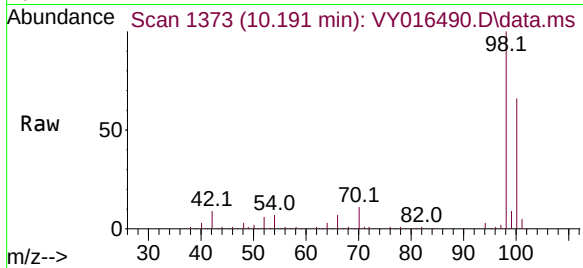




#50
Toluene-d8
Concen: 50.777 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016490.D
Acq: 24 Nov 2023 17:26

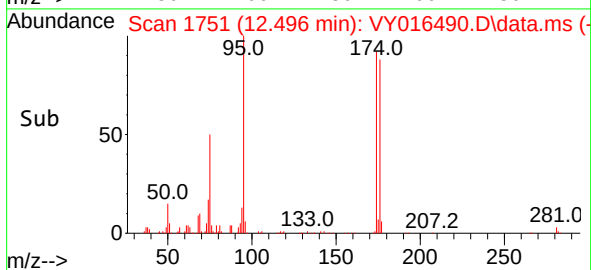
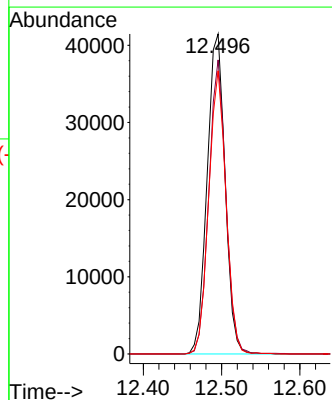
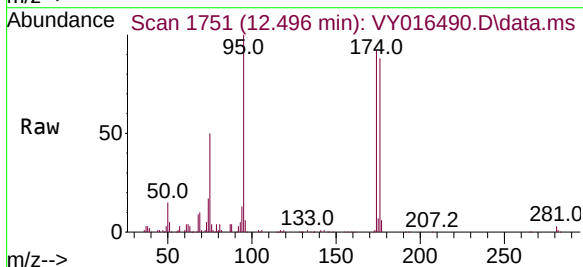
Instrument :
MSVOA_Y
ClientSampleId :

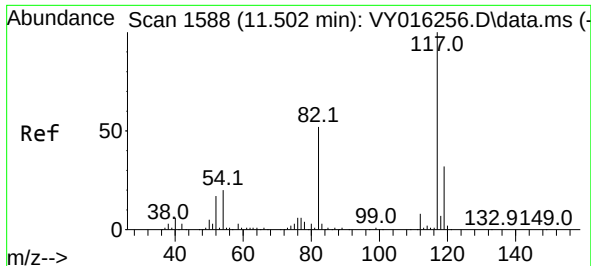
Tgt Ion: 98 Resp: 197194
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 52.206 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016490.D
Acq: 24 Nov 2023 17:26

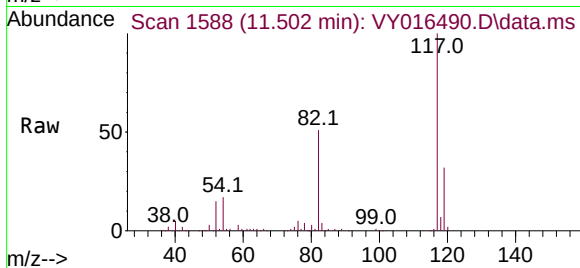
Tgt Ion: 95 Resp: 65847
Ion Ratio Lower Upper
95 100
174 87.5 0.0 178.2
176 85.3 0.0 173.8



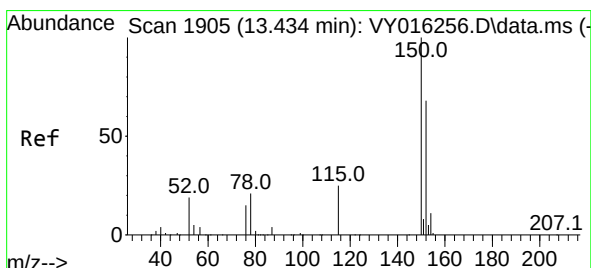
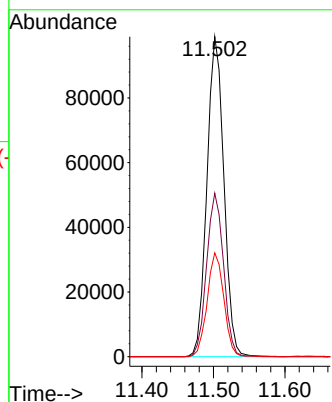
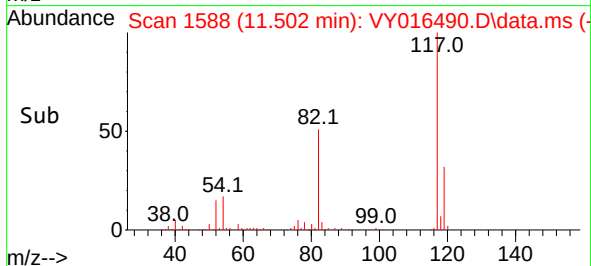


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016490.D
Acq: 24 Nov 2023 17:26

Instrument :
MSVOA_Y
ClientSampleId :

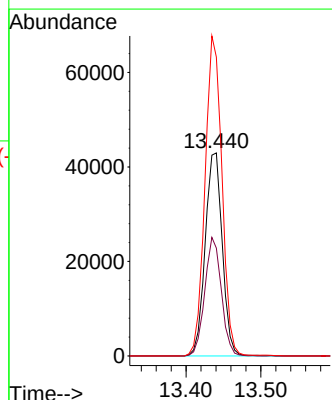
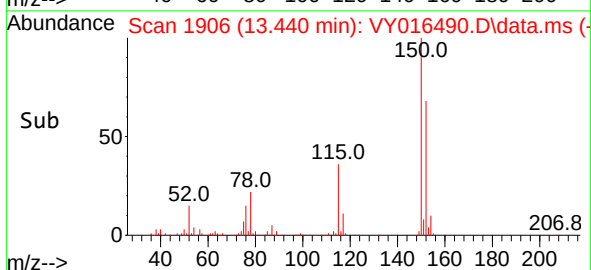
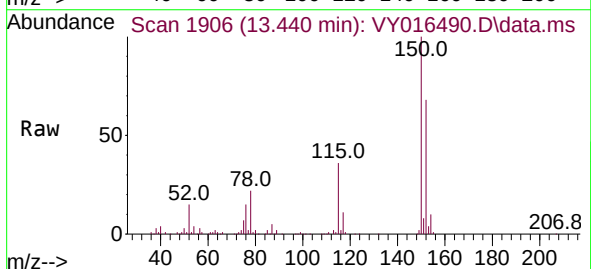


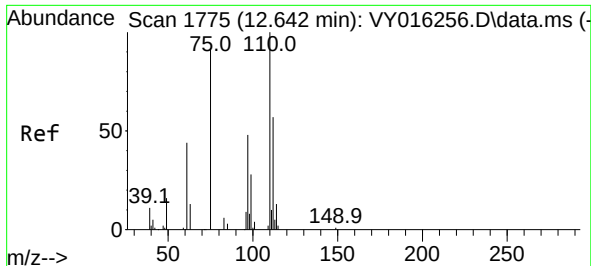
Tgt Ion:117 Resp: 162851
Ion Ratio Lower Upper
117 100
82 51.1 43.4 65.0
119 32.5 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016490.D
Acq: 24 Nov 2023 17:26

Tgt Ion:152 Resp: 68187
Ion Ratio Lower Upper
152 100
115 56.6 28.8 86.5
150 155.8 0.0 348.8

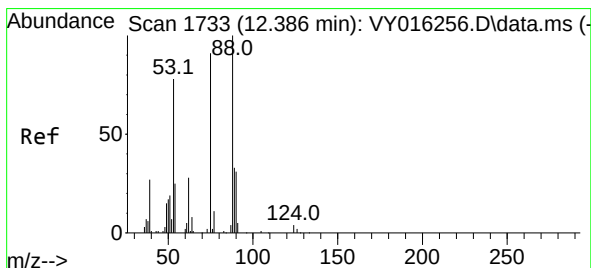
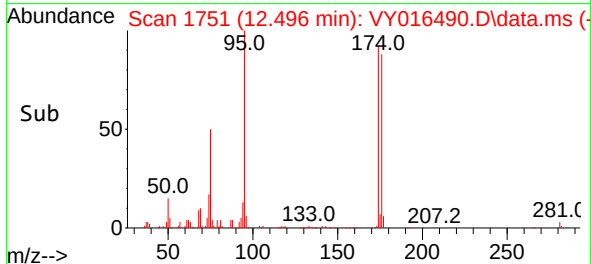
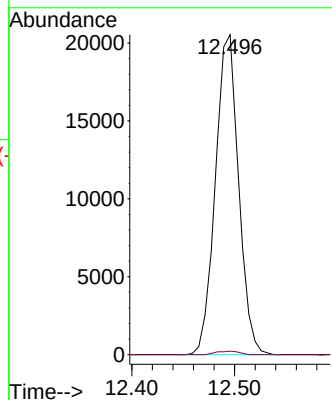
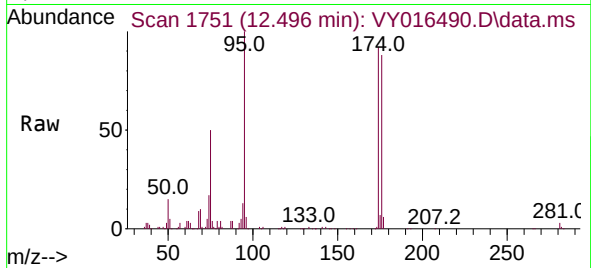




#76
1,2,3-Trichloropropane
Concen: 49.229 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. -0.146 min
Lab File: VY016490.D
Acq: 24 Nov 2023 17:26

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 32201
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.855 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.110 min
Lab File: VY016490.D
Acq: 24 Nov 2023 17:26

Tgt Ion: 75 Resp: 32201
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

