

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112123\
 Data File : VY016446.D
 Acq On : 21 Nov 2023 18:32
 Operator : SY/MD
 Sample : 05492-03
 Misc : 4.22g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 22 01:21:04 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)

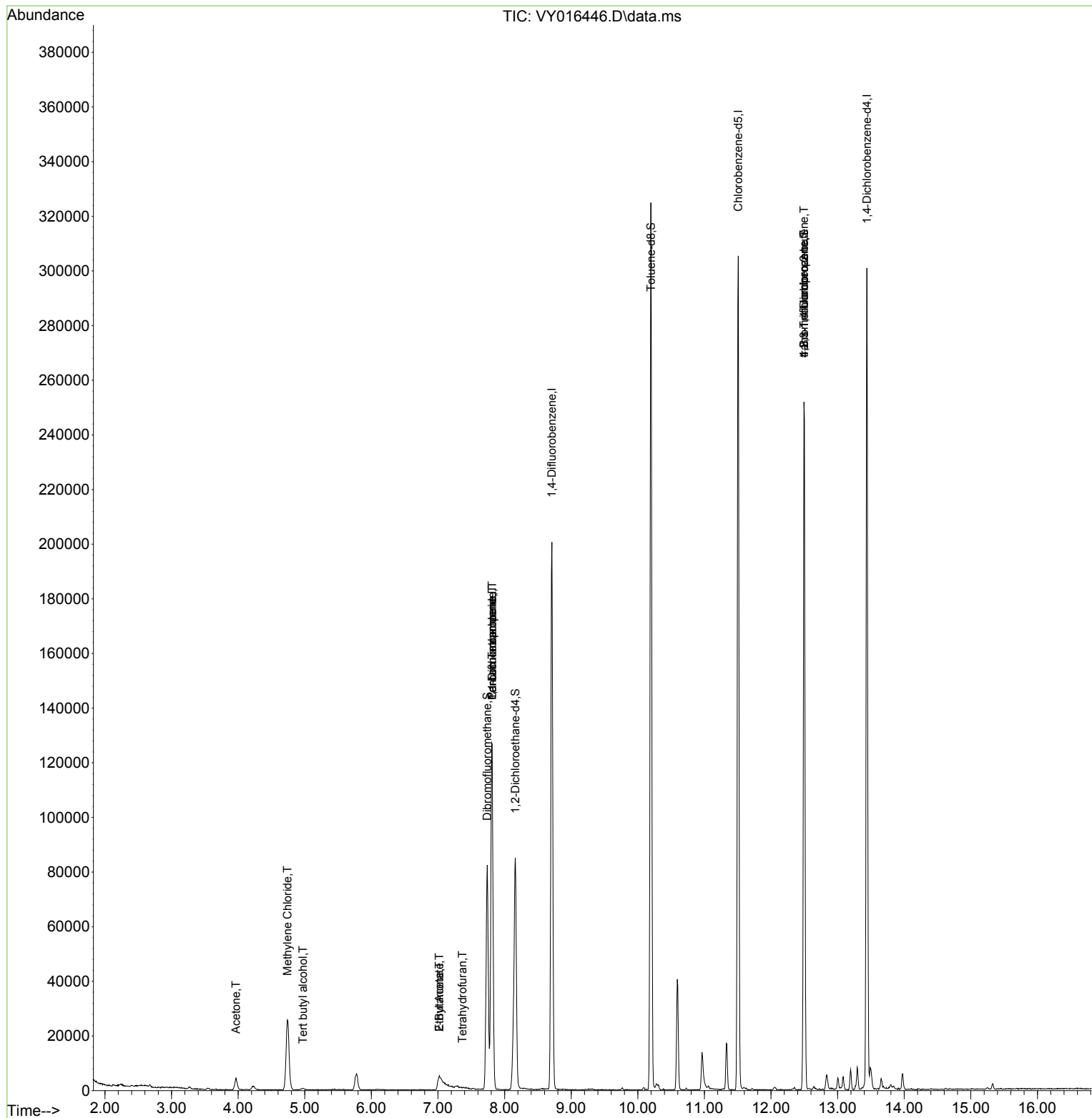
Internal Standards						
1) Pentafluorobenzene	7.813	168	103788	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	183032	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	176689	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	80679	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	62464	65.850	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.700%	
35) Dibromofluoromethane	7.740	113	58357	56.127	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.260%	
50) Toluene-d8	10.197	98	212627	50.429	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.860%	
62) 4-Bromofluorobenzene	12.495	95	72649	53.051	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.100%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	1251	16.841	ug/l #	89
16) Acetone	3.966	43	7122	45.390	ug/l	96
20) Methylene Chloride	4.741	84	21978	17.570	ug/l #	82
25) 2-Butanone	7.021	43	1793	6.524	ug/l	98
29) Tetrahydrofuran	7.368	42	228	1.255	ug/l #	35
36) 1,1-Dichloropropene	7.813	75	7224	4.001	ug/l #	49
37) Ethyl Acetate	7.021	43	1793	2.458	ug/l #	89
38) Carbon Tetrachloride	7.813	117	10075	5.377	ug/l #	17
76) 1,2,3-Trichloropropane	12.495	75	36832	47.590	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	36832	103.298	ug/l #	11

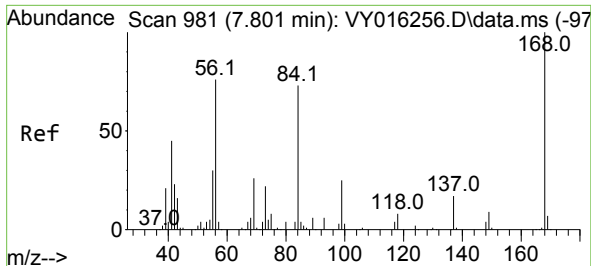
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112123\
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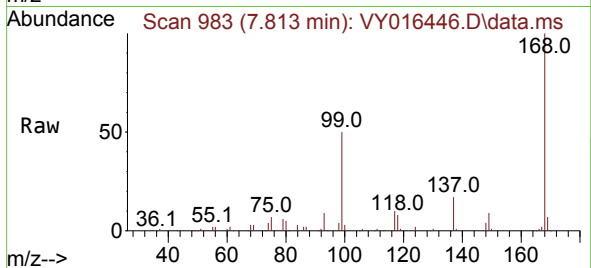
Quant Time: Nov 22 01:21:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
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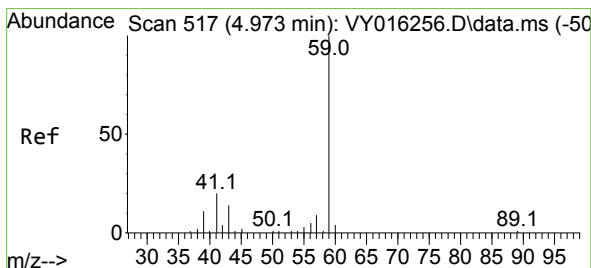
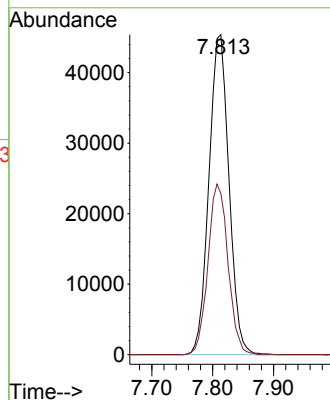
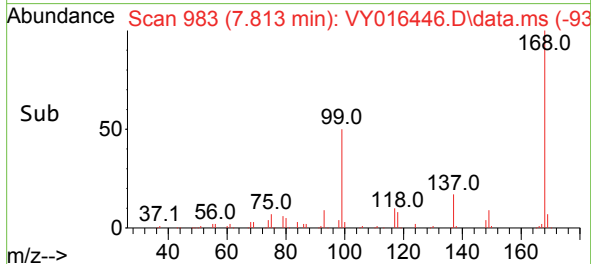


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016446.D
Acq: 21 Nov 2023 18:32

Instrument :
MSVOA_Y
ClientSampleId :

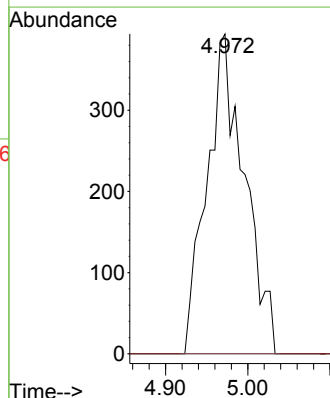
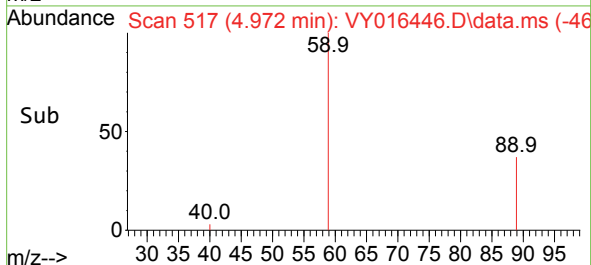
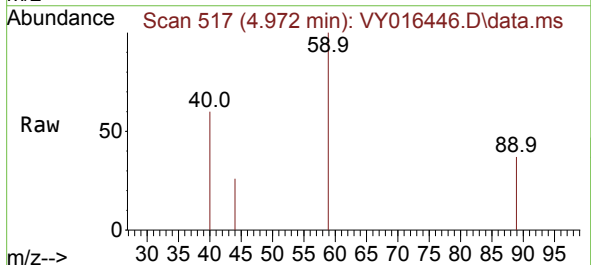


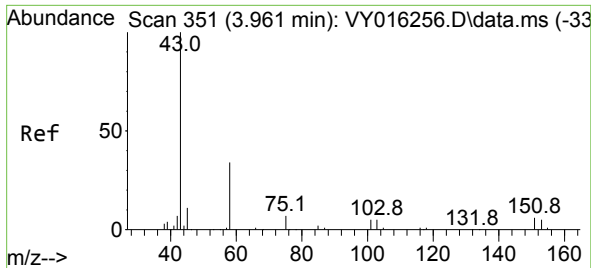
Tgt Ion:168 Resp: 103788
Ion Ratio Lower Upper
168 100
99 50.4 43.4 65.0



#11
Tert butyl alcohol
Concen: 16.841 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.000 min
Lab File: VY016446.D
Acq: 21 Nov 2023 18:32

Tgt Ion: 59 Resp: 1251
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

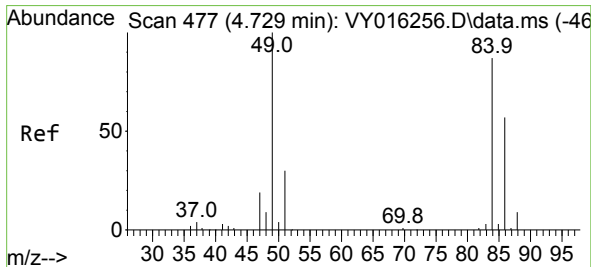
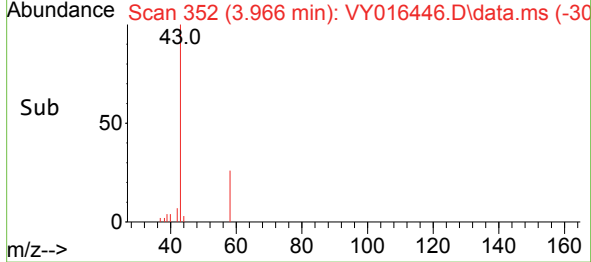
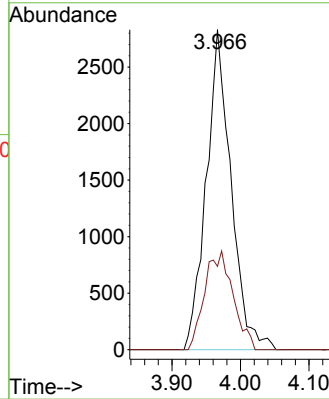
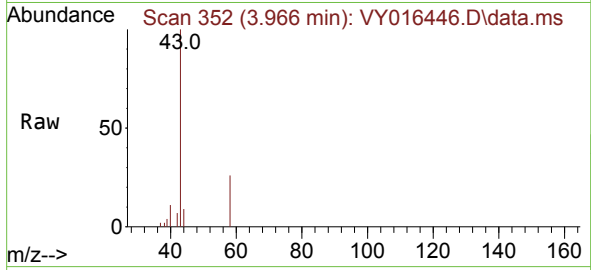




#16
Acetone
Concen: 45.390 ug/l
RT: 3.966 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY016446.D
Acq: 21 Nov 2023 18:32

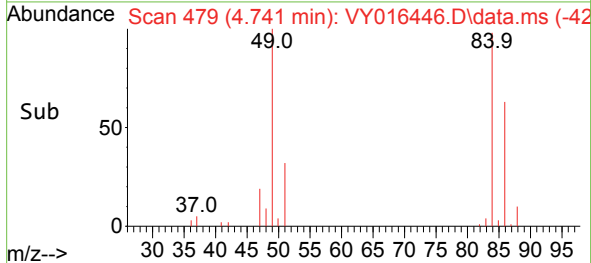
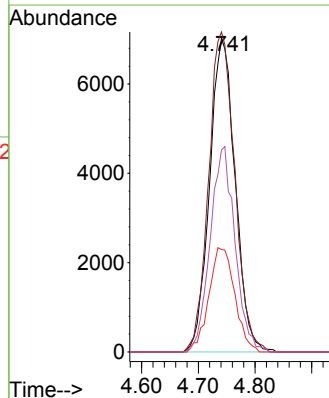
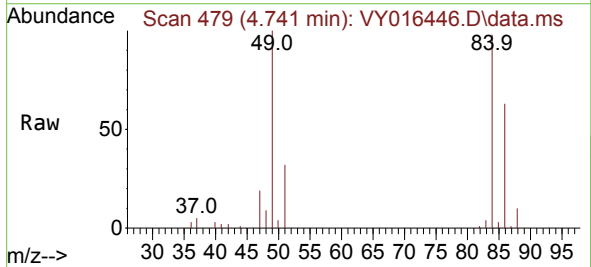
Instrument :
MSVOA_Y
ClientSampleId :

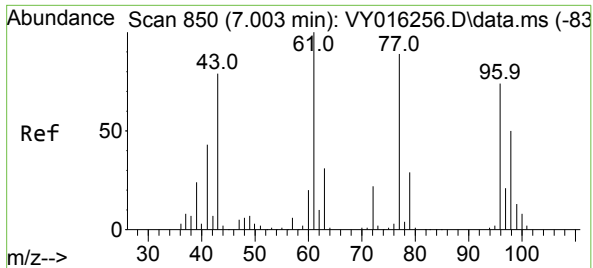
Tgt Ion: 43 Resp: 7122
Ion Ratio Lower Upper
43 100
58 26.0 22.7 34.1



#20
Methylene Chloride
Concen: 17.570 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.012 min
Lab File: VY016446.D
Acq: 21 Nov 2023 18:32

Tgt Ion: 84 Resp: 21978
Ion Ratio Lower Upper
84 100
49 101.9 106.9 160.3#
51 32.6 33.2 49.8#
86 64.3 51.0 76.6

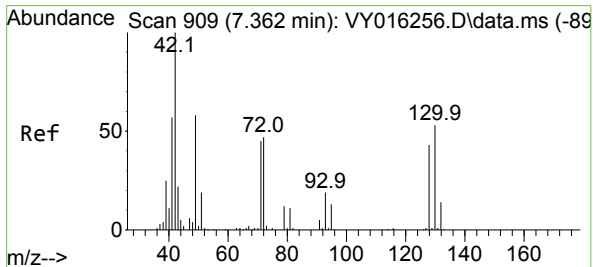
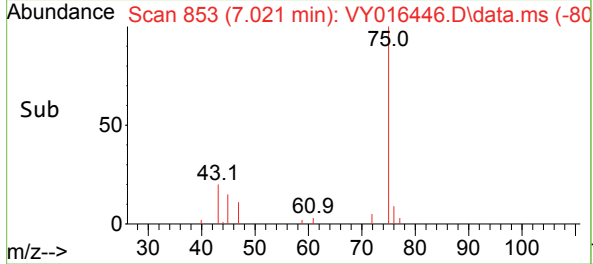
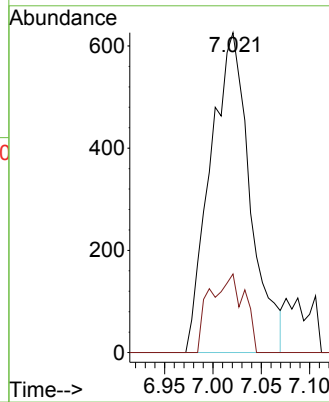
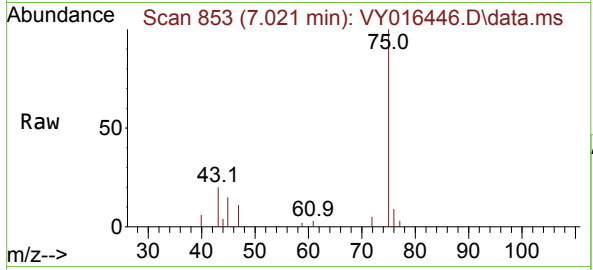




#25
2-Butanone
Concen: 6.524 ug/l
RT: 7.021 min Scan# 853
Delta R.T. 0.018 min
Lab File: VY016446.D
Acq: 21 Nov 2023 18:32

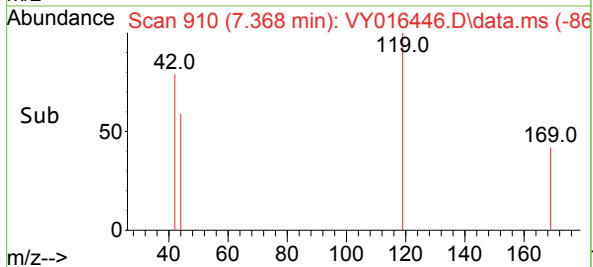
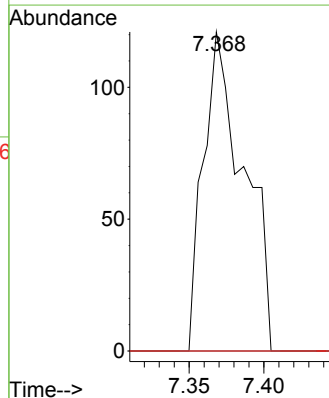
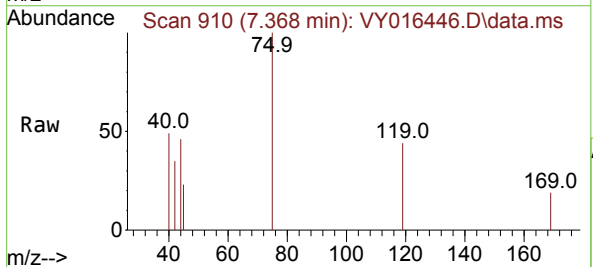
Instrument :
MSVOA_Y
ClientSampleId :

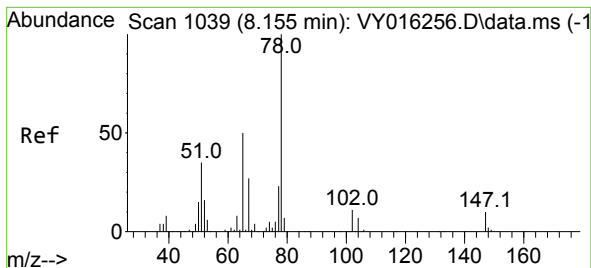
Tgt Ion: 43 Resp: 1793
Ion Ratio Lower Upper
43 100
72 24.6 20.5 30.7



#29
Tetrahydrofuran
Concen: 1.255 ug/l
RT: 7.368 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY016446.D
Acq: 21 Nov 2023 18:32

Tgt Ion: 42 Resp: 228
Ion Ratio Lower Upper
42 100
72 0.0 32.8 49.2#
71 0.0 31.0 46.4#





#33

1,2-Dichloroethane-d4

Concen: 65.850 ug/l

RT: 8.161 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY016446.D

Acq: 21 Nov 2023 18:32

Instrument :

MSVOA_Y

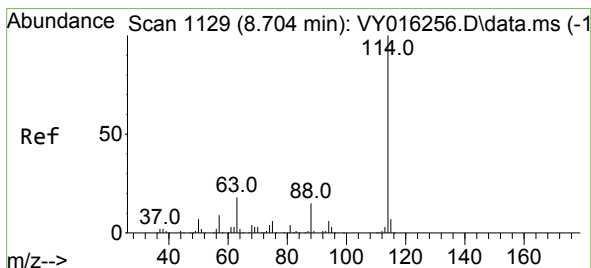
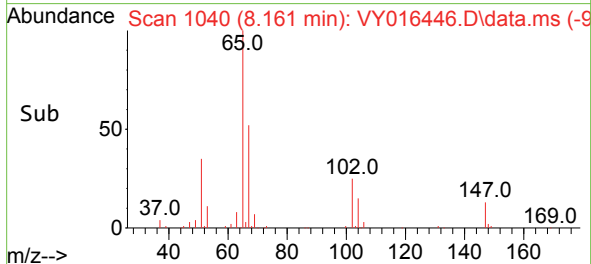
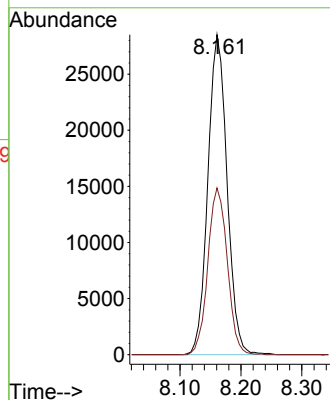
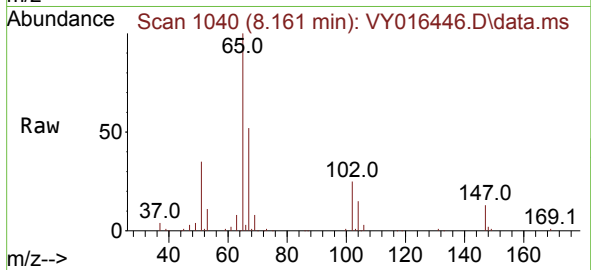
ClientSampleId :

Tgt Ion: 65 Resp: 62464

Ion Ratio Lower Upper

65 100

67 52.8 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY016446.D

Acq: 21 Nov 2023 18:32

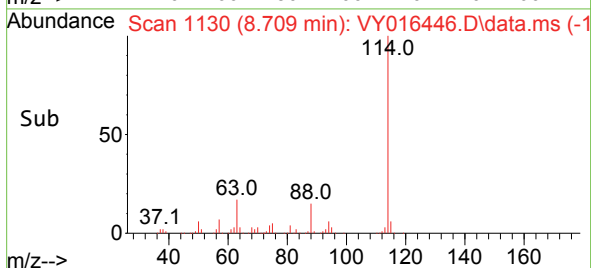
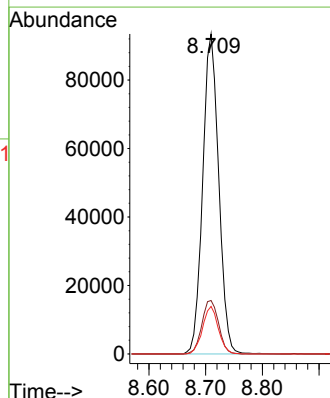
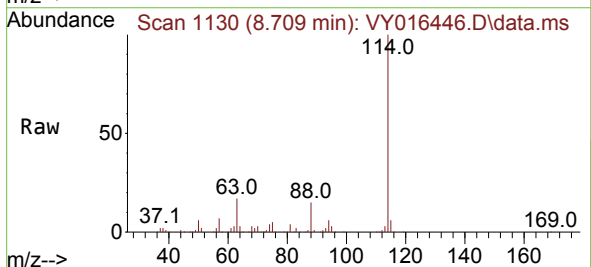
Tgt Ion: 114 Resp: 183032

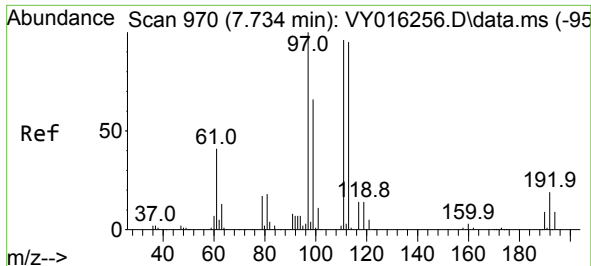
Ion Ratio Lower Upper

114 100

63 16.7 0.0 42.4

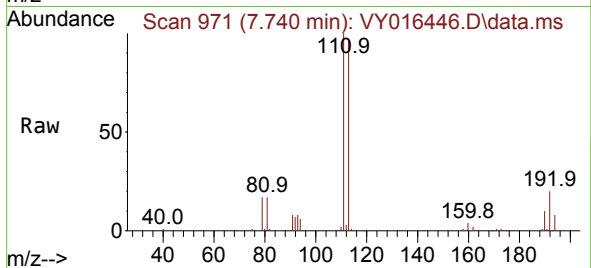
88 14.9 0.0 30.6



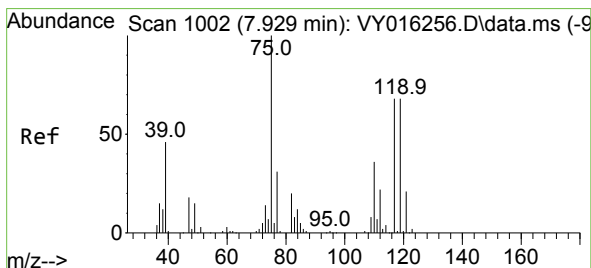
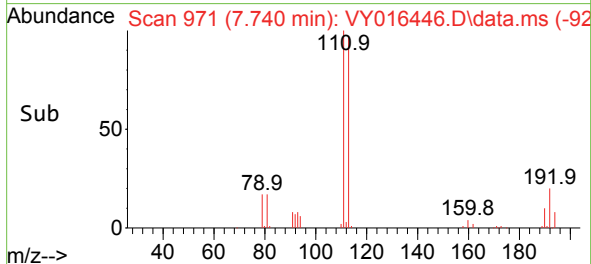
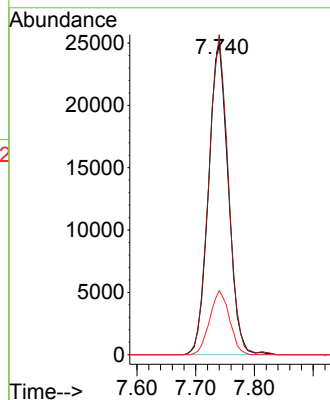


#35
Dibromofluoromethane
Concen: 56.127 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016446.D
Acq: 21 Nov 2023 18:32

Instrument :
MSVOA_Y
ClientSampleId :

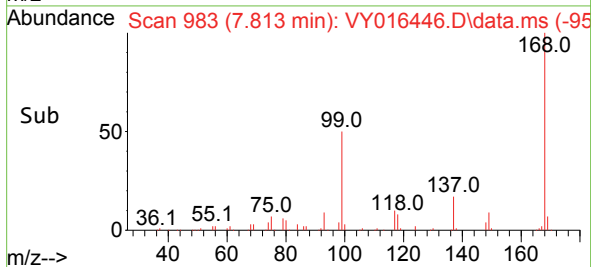
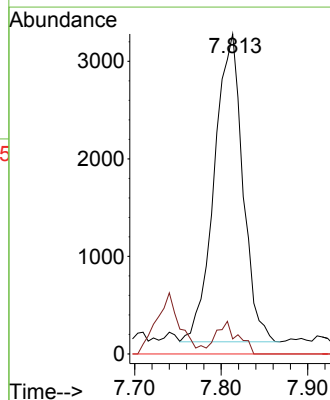
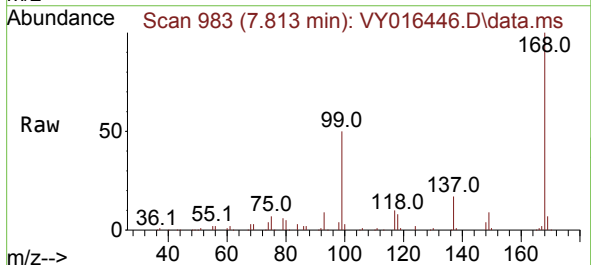


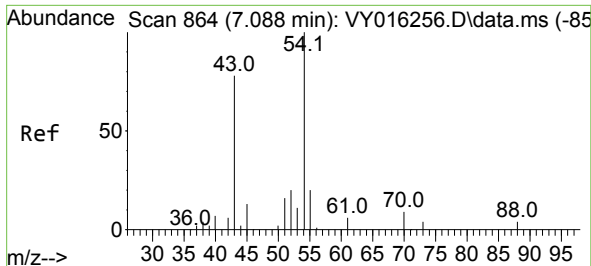
Tgt Ion:113 Resp: 58357
Ion Ratio Lower Upper
113 100
111 101.5 81.3 121.9
192 20.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.001 ug/l
RT: 7.813 min Scan# 983
Delta R.T. -0.116 min
Lab File: VY016446.D
Acq: 21 Nov 2023 18:32

Tgt Ion: 75 Resp: 7224
Ion Ratio Lower Upper
75 100
110 8.0 17.8 53.5#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 2.458 ug/l

RT: 7.021 min Scan# 81

Delta R.T. -0.067 min

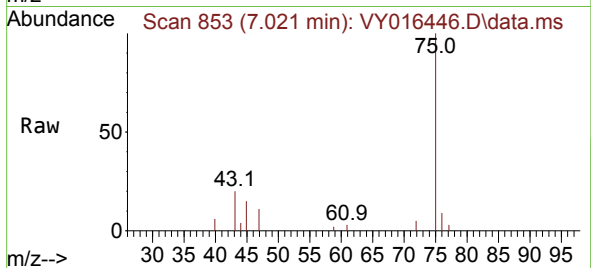
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Acq: 21 Nov 2023 18:32

Instrument :

MSVOA_Y

ClientSampleId :



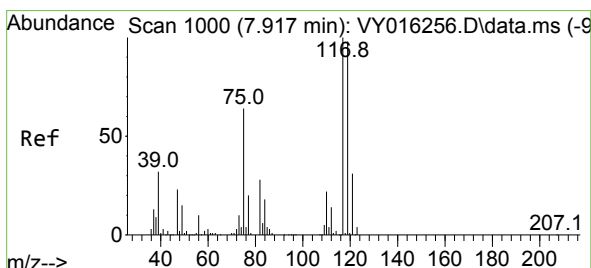
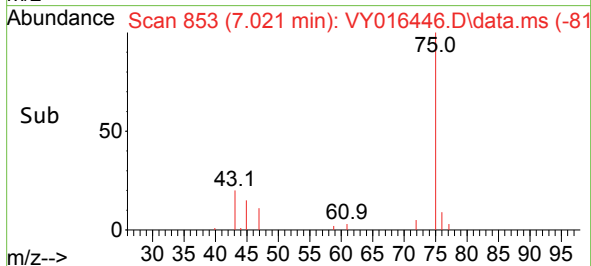
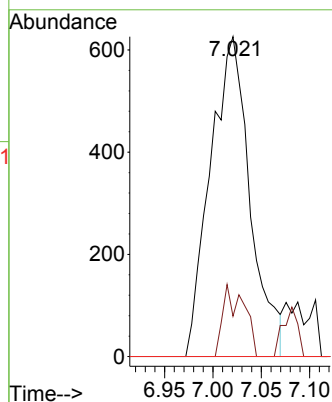
Tgt Ion: 43 Resp: 1793

Ion Ratio Lower Upper

43 100

61 11.9 10.1 15.1

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.377 ug/l

RT: 7.813 min Scan# 983

Delta R.T. -0.104 min

Lab File: VY016446.D

Acq: 21 Nov 2023 18:32

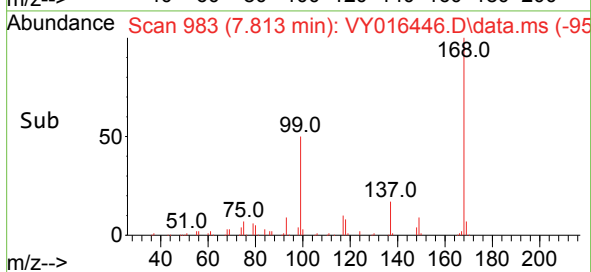
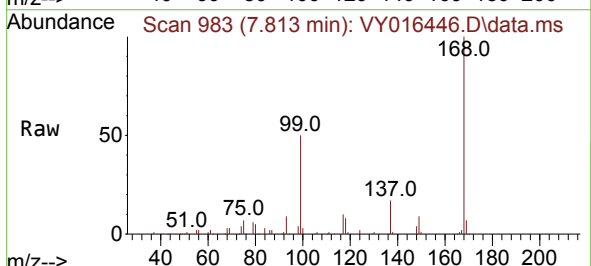
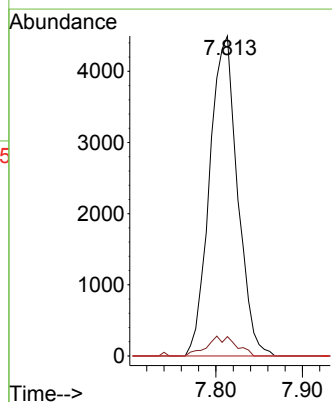
Tgt Ion: 117 Resp: 10075

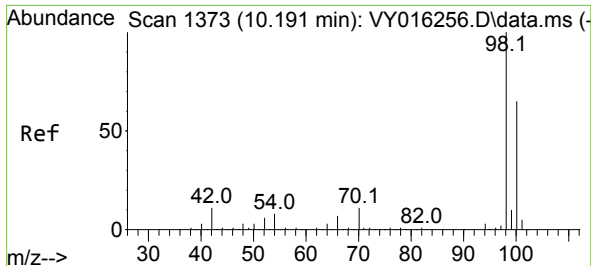
Ion Ratio Lower Upper

117 100

119 6.0 76.4 114.6#

121 0.0 25.8 38.6#

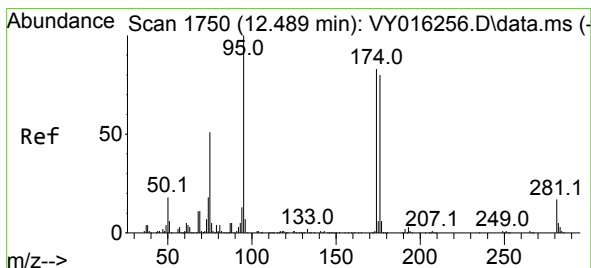
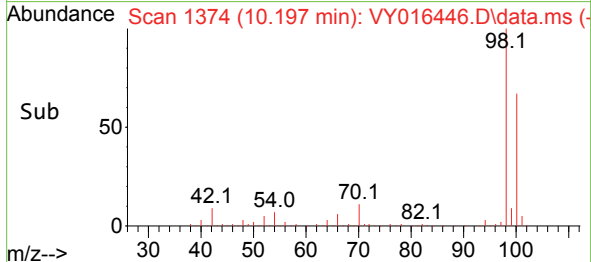
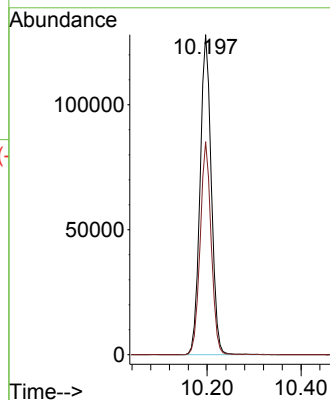
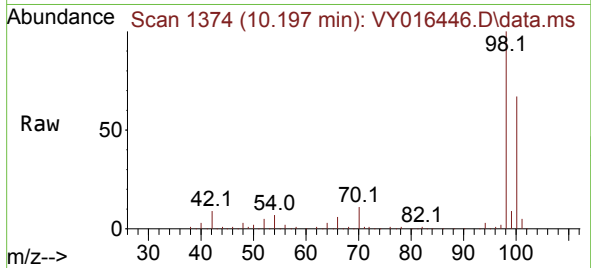




#50
Toluene-d8
Concen: 50.429 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016446.D
Acq: 21 Nov 2023 18:32

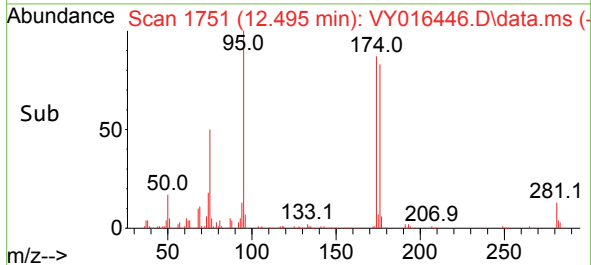
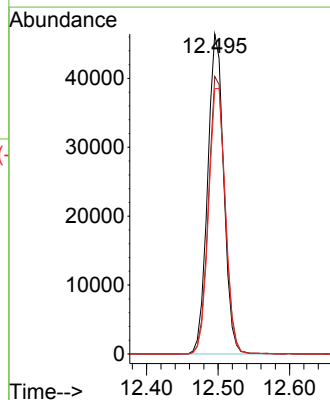
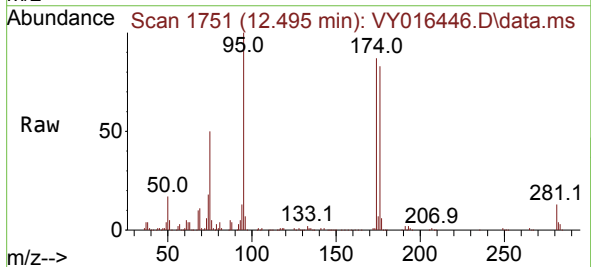
Instrument :
MSVOA_Y
ClientSampleId :

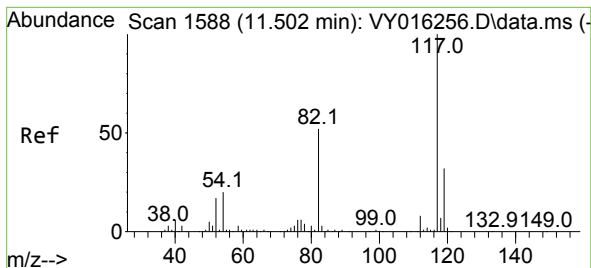
Tgt Ion: 98 Resp: 212627
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 53.051 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016446.D
Acq: 21 Nov 2023 18:32

Tgt Ion: 95 Resp: 72649
Ion Ratio Lower Upper
95 100
174 89.2 0.0 178.2
176 86.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016446.D

Acq: 21 Nov 2023 18:32

Instrument :

MSVOA_Y

ClientSampleId :

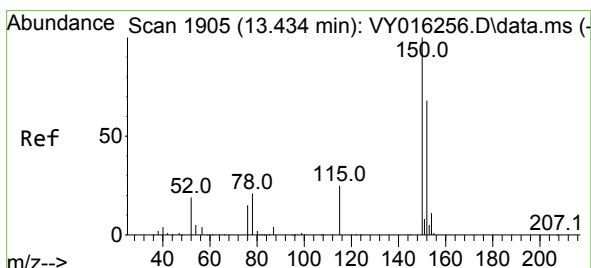
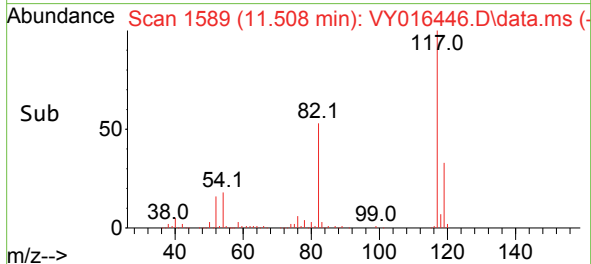
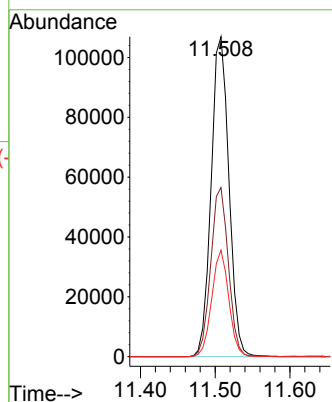
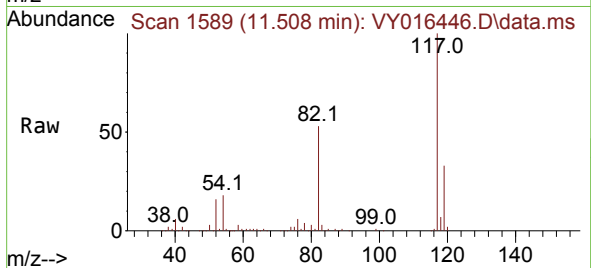
Tgt Ion:117 Resp: 176689

Ion Ratio Lower Upper

117 100

82 52.9 43.4 65.0

119 33.2 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: VY016446.D

Acq: 21 Nov 2023 18:32

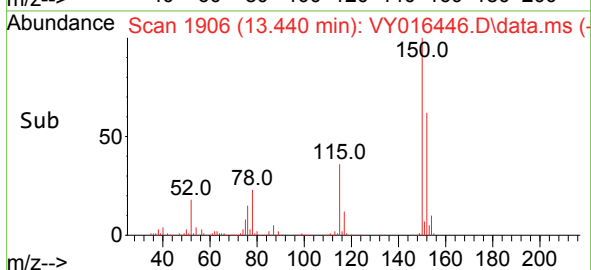
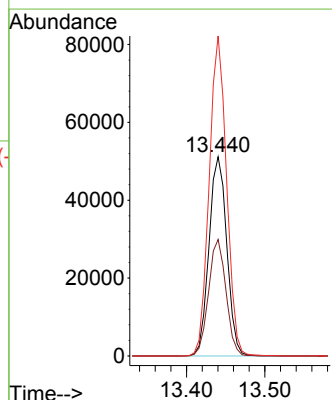
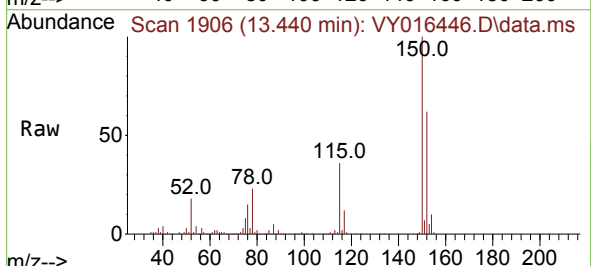
Tgt Ion:152 Resp: 80679

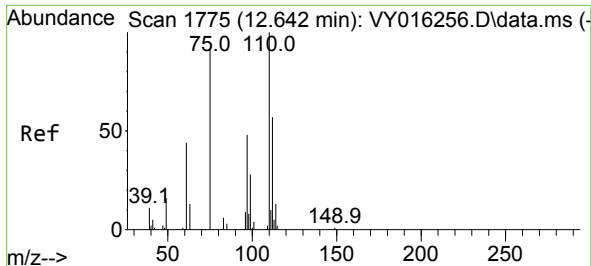
Ion Ratio Lower Upper

152 100

115 57.4 28.8 86.5

150 156.7 0.0 348.8

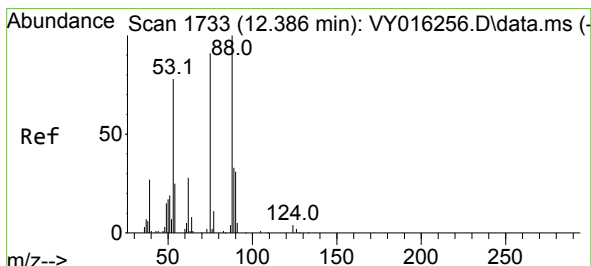
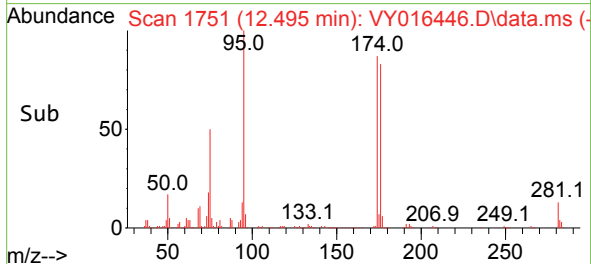
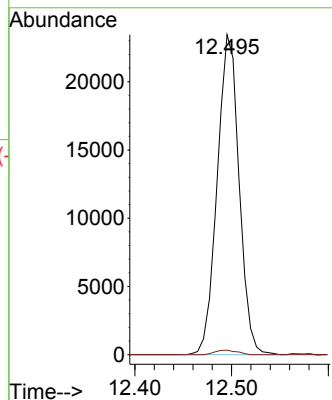
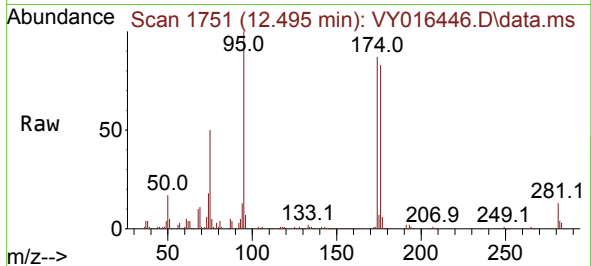




#76
1,2,3-Trichloropropane
Concen: 47.590 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.147 min
Lab File: VY016446.D
Acq: 21 Nov 2023 18:32

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 36832
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.298 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.109 min
Lab File: VY016446.D
Acq: 21 Nov 2023 18:32

Tgt Ion: 75 Resp: 36832
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#

