

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122623\
 Data File : VY016861.D
 Acq On : 26 Dec 2023 18:26
 Operator : SY/MD
 Sample : 05994-06
 Misc : 7.03g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 27 01:37:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

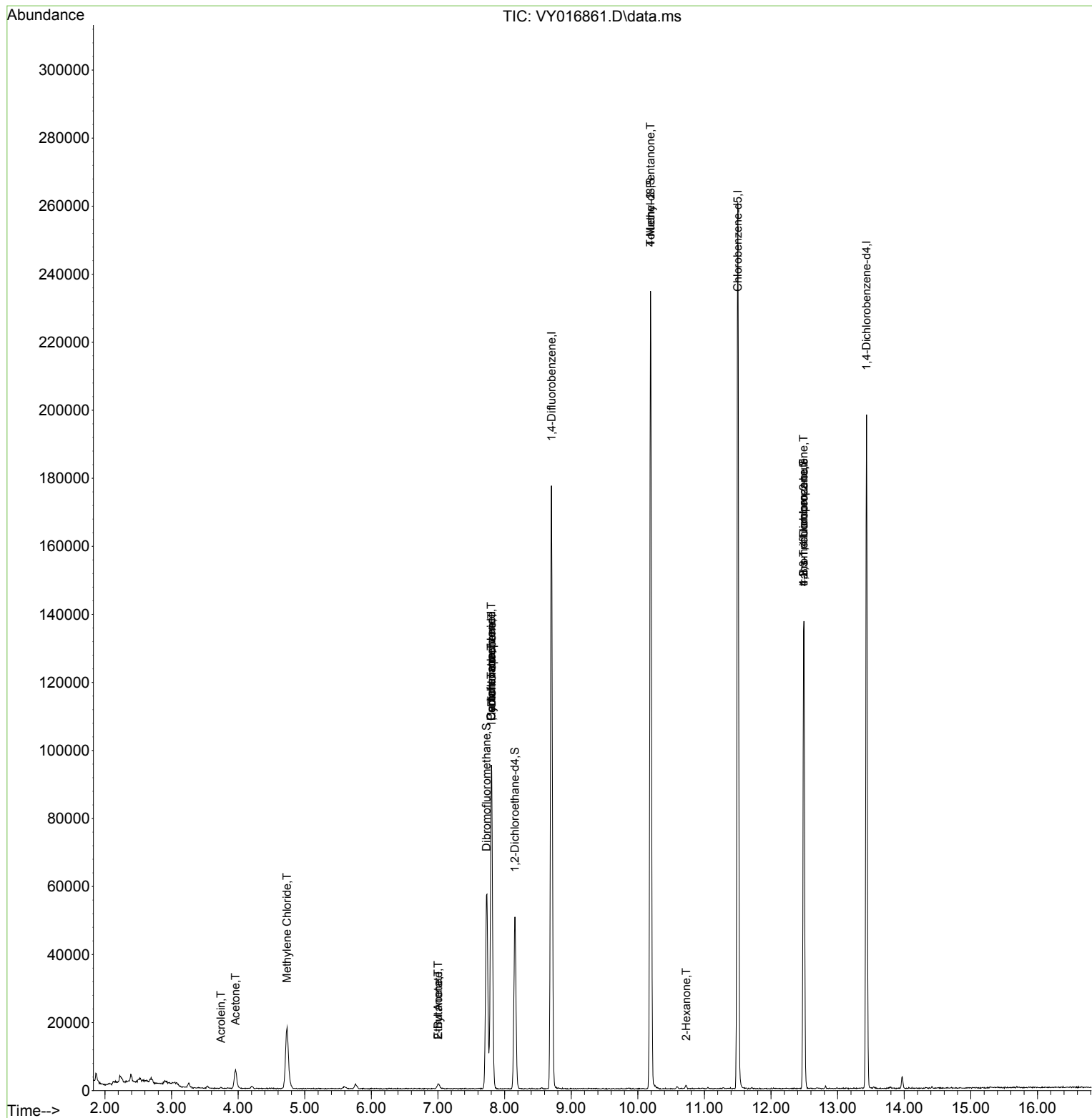
Internal Standards						
1) Pentafluorobenzene	7.801	168	71741	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	147448	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	140086	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	48532	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	38244	58.395	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.800%			
35) Dibromofluoromethane	7.728	113	42315	50.100	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.200%			
50) Toluene-d8	10.191	98	150791	49.525	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.040%			
62) 4-Bromofluorobenzene	12.489	95	42778	43.306	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 86.620%			
Target Compounds						Qvalue
13) Acrolein	3.741	56	214	5.165	ug/l	97
16) Acetone	3.960	43	9744	55.021	ug/l	93
20) Methylene Chloride	4.734	84	13691	12.599	ug/l	95
25) 2-Butanone	7.002	43	2651	10.872	ug/l	91
31) Cyclohexane	7.801	56	1724	1.374	ug/l #	1
36) 1,1-Dichloropropene	7.807	75	6377	4.710	ug/l #	49
37) Ethyl Acetate	7.002	43	2651	4.568	ug/l #	69
38) Carbon Tetrachloride	7.801	117	7618	5.686	ug/l #	16
51) 4-Methyl-2-Pentanone	10.191	43	635	1.057	ug/l #	1
59) 2-Hexanone	10.727	43	489	1.092	ug/l #	23
76) 1,2,3-Trichloropropane	12.489	75	22816	42.528	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	22816	99.874	ug/l #	12

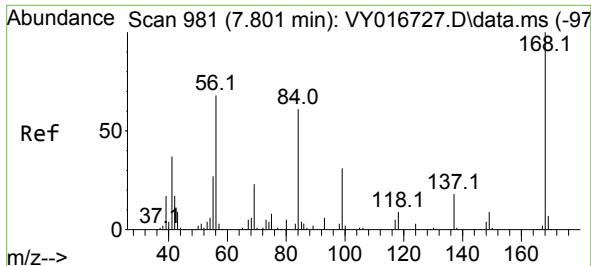
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122623\
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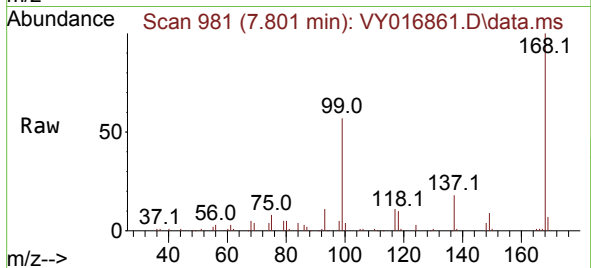
Quant Time: Dec 27 01:37:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 21 01:49:45 2023
Response via : Initial Calibration



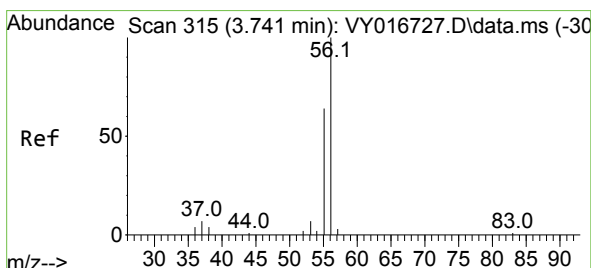
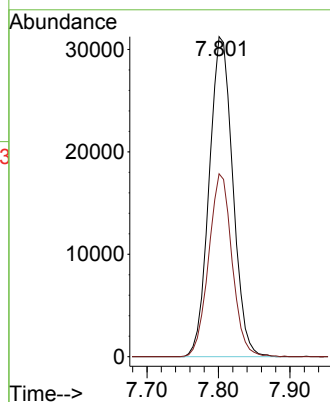
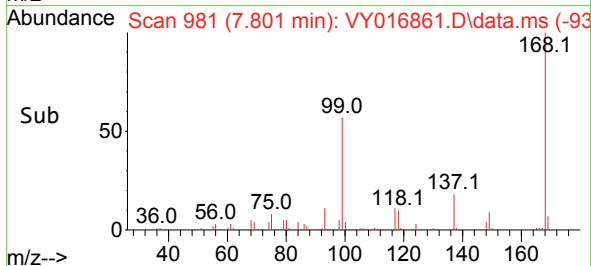


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY016861.D
Acq: 26 Dec 2023 18:26

Instrument :
MSVOA_Y
ClientSampleId :

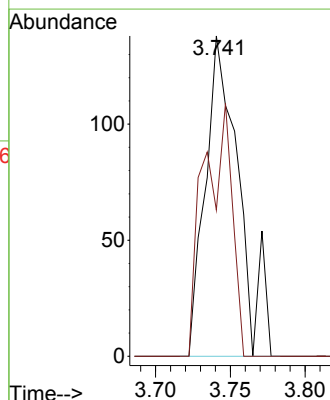
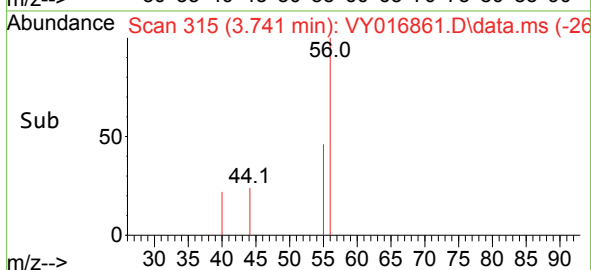
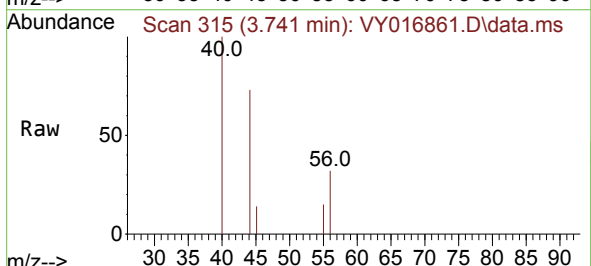


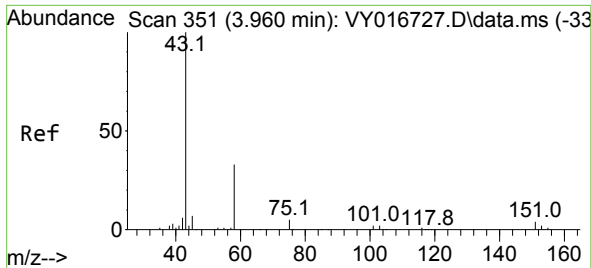
Tgt Ion:168 Resp: 71741
Ion Ratio Lower Upper
168 100
99 57.1 44.2 66.4



#13
Acrolein
Concen: 5.165 ug/l
RT: 3.741 min Scan# 315
Delta R.T. -0.000 min
Lab File: VY016861.D
Acq: 26 Dec 2023 18:26

Tgt Ion: 56 Resp: 214
Ion Ratio Lower Upper
56 100
55 66.4 55.4 83.0





#16

Acetone

Concen: 55.021 ug/l

RT: 3.960 min Scan# 3

Delta R.T. 0.000 min

Lab File: VY016861.D

Acq: 26 Dec 2023 18:26

Instrument :

MSVOA_Y

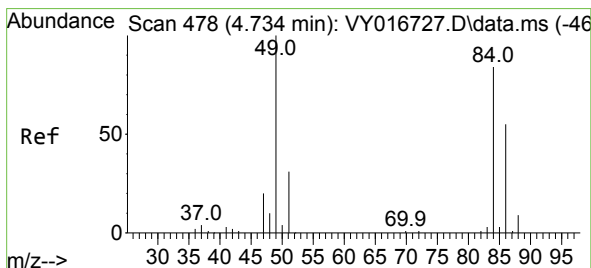
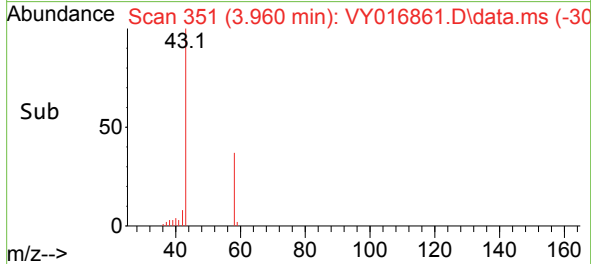
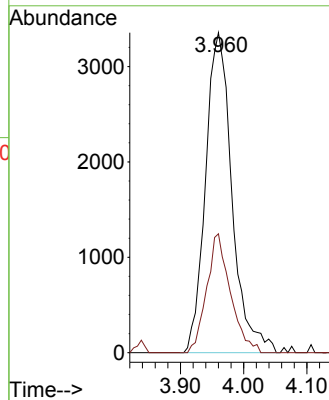
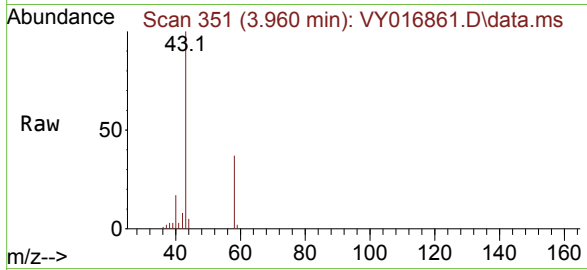
ClientSampleId :

Tgt Ion: 43 Resp: 9744

Ion Ratio Lower Upper

43 100

58 37.2 26.6 39.8



#20

Methylene Chloride

Concen: 12.599 ug/l

RT: 4.734 min Scan# 478

Delta R.T. 0.000 min

Lab File: VY016861.D

Acq: 26 Dec 2023 18:26

Tgt Ion: 84 Resp: 13691

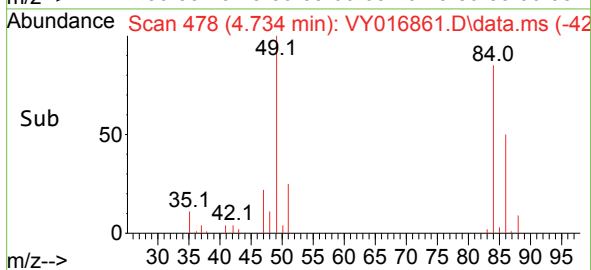
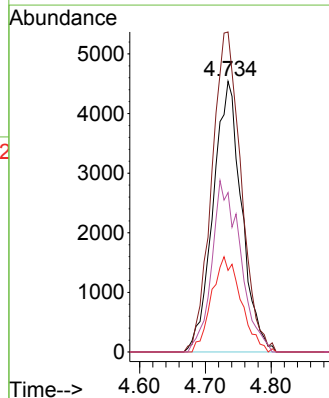
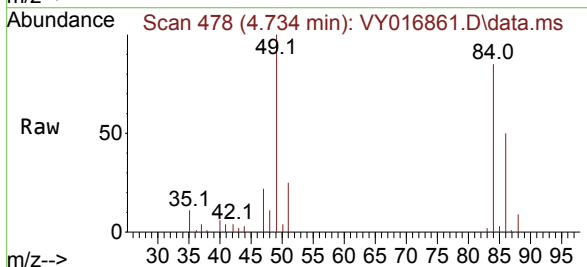
Ion Ratio Lower Upper

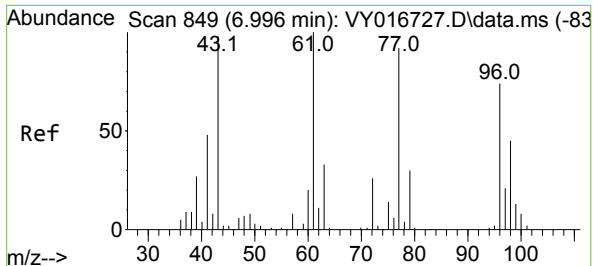
84 100

49 118.3 95.2 142.8

51 30.1 29.9 44.9

86 58.9 52.2 78.4

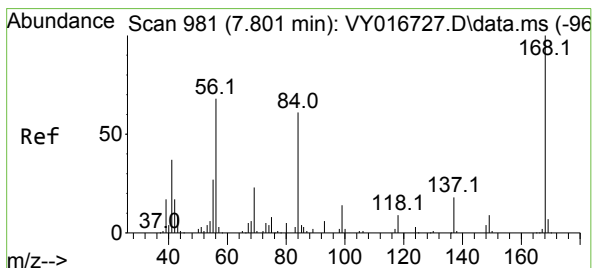
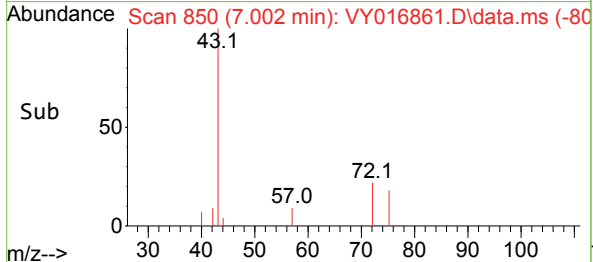
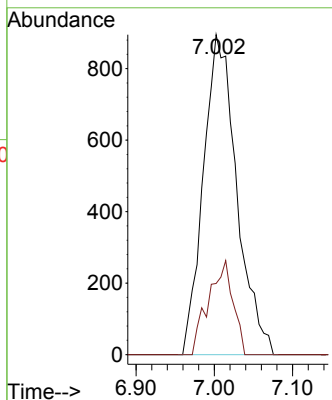
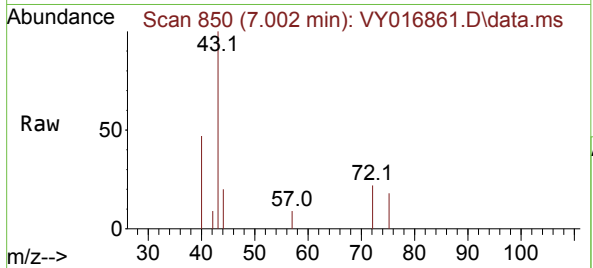




#25
2-Butanone
Concen: 10.872 ug/l
RT: 7.002 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY016861.D
Acq: 26 Dec 2023 18:26

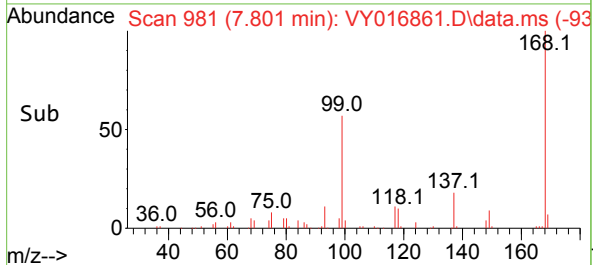
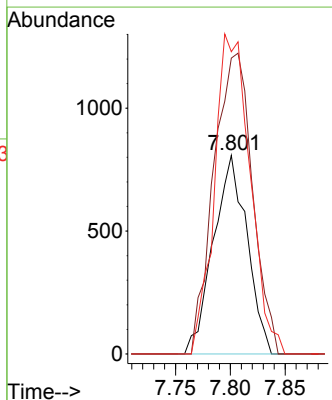
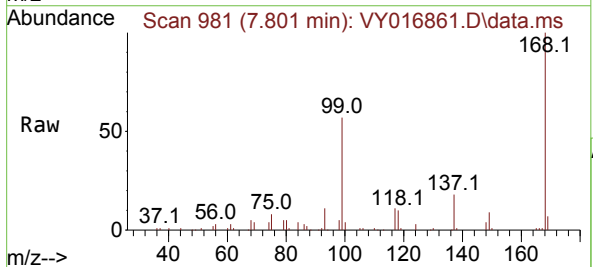
Instrument :
MSVOA_Y
ClientSampleId :

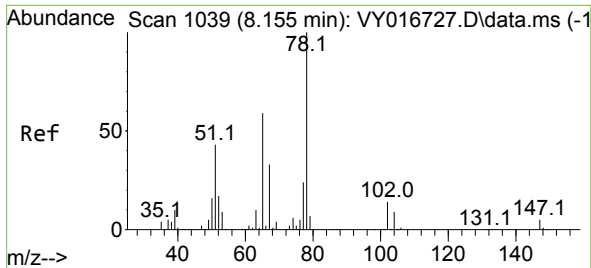
Tgt Ion: 43 Resp: 2651
Ion Ratio Lower Upper
43 100
72 22.2 21.4 32.2



#31
Cyclohexane
Concen: 1.374 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY016861.D
Acq: 26 Dec 2023 18:26

Tgt Ion: 56 Resp: 1724
Ion Ratio Lower Upper
56 100
69 149.0 27.0 40.6#
84 152.2 71.8 107.6#

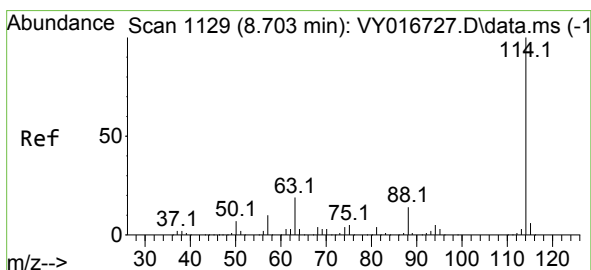
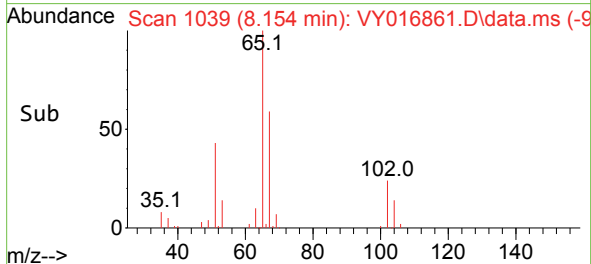
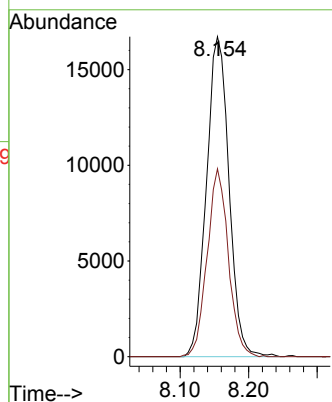
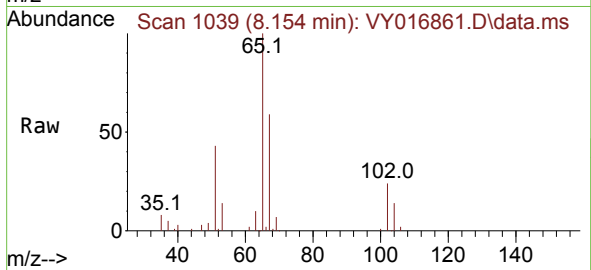




#33
 1,2-Dichloroethane-d4
 Concen: 58.395 ug/l
 RT: 8.154 min Scan# 1039
 Delta R.T. -0.000 min
 Lab File: VY016861.D
 Acq: 26 Dec 2023 18:26

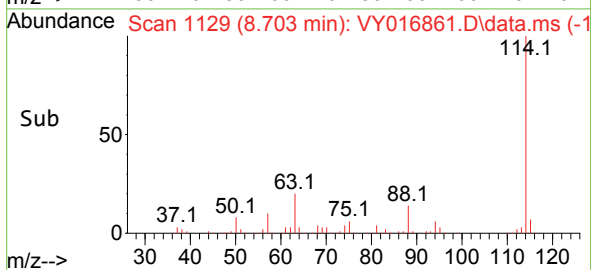
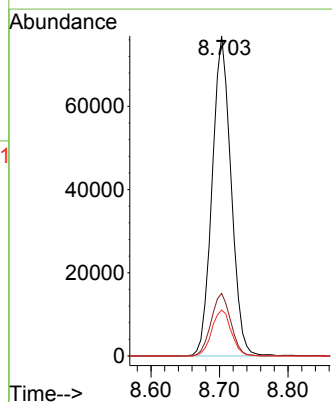
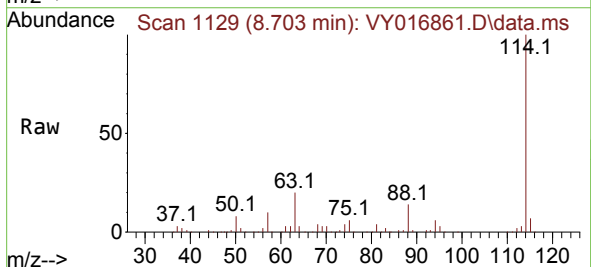
Instrument :
 MSVOA_Y
 ClientSampleId :

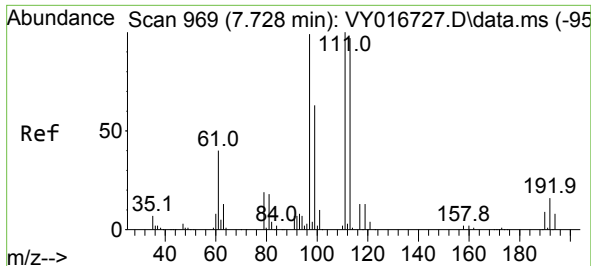
Tgt Ion: 65 Resp: 38244
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.703 min Scan# 1129
 Delta R.T. 0.000 min
 Lab File: VY016861.D
 Acq: 26 Dec 2023 18:26

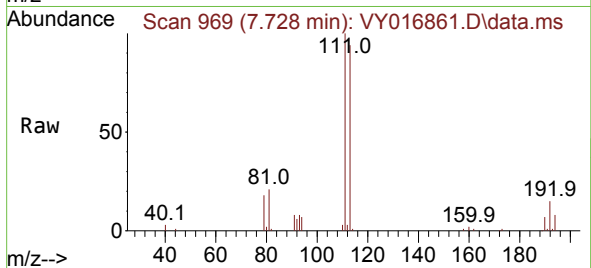
Tgt Ion: 114 Resp: 147448
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 37.4
 88 14.3 0.0 29.0



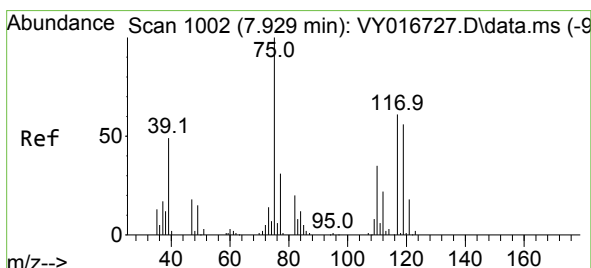
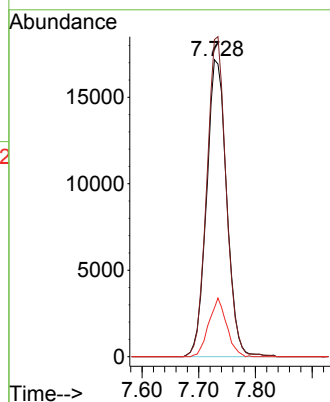
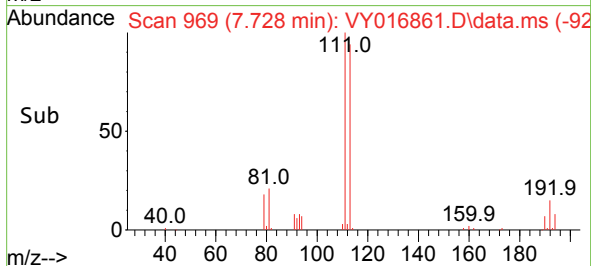


#35
Dibromofluoromethane
Concen: 50.100 ug/l
RT: 7.728 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY016861.D
Acq: 26 Dec 2023 18:26

Instrument :
MSVOA_Y
ClientSampleId :

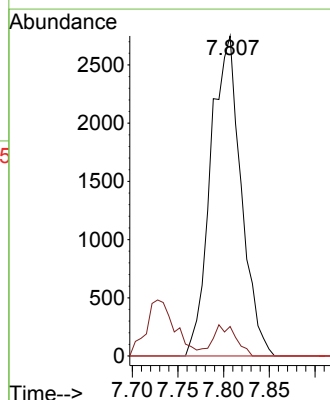
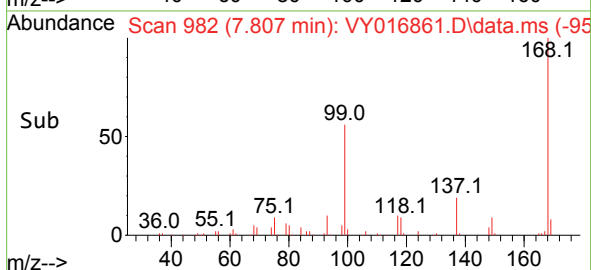
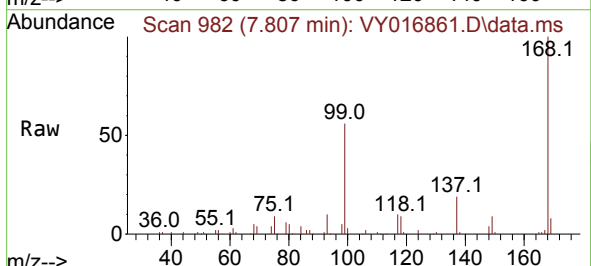


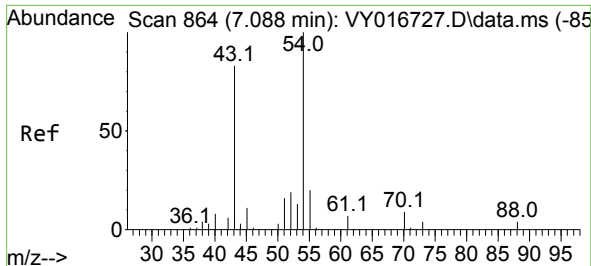
Tgt Ion:113 Resp: 42315
Ion Ratio Lower Upper
113 100
111 103.9 83.8 125.6
192 17.6 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.710 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.122 min
Lab File: VY016861.D
Acq: 26 Dec 2023 18:26

Tgt Ion: 75 Resp: 6377
Ion Ratio Lower Upper
75 100
110 7.6 17.4 52.3#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 4.568 ug/l

RT: 7.002 min Scan# 81

Delta R.T. -0.085 min

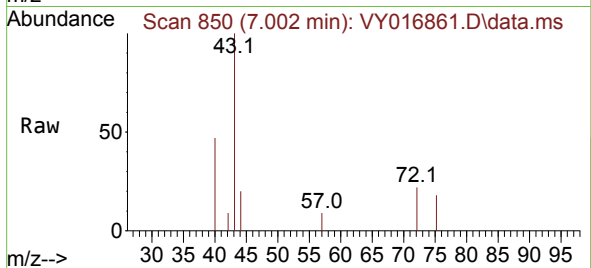
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Acq: 26 Dec 2023 18:26

Instrument :

MSVOA_Y

ClientSampleId :



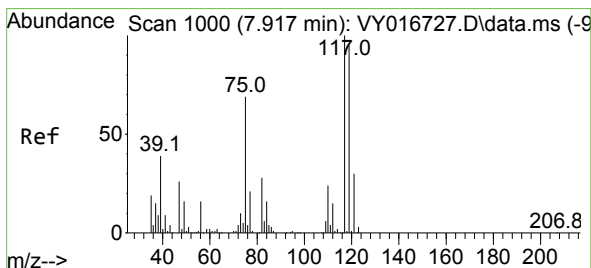
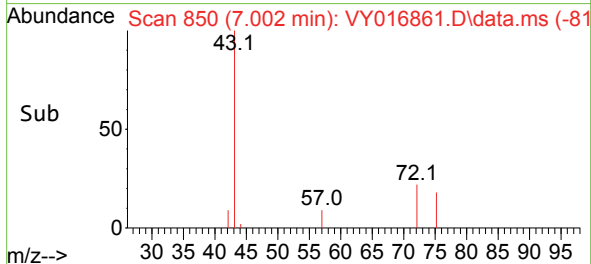
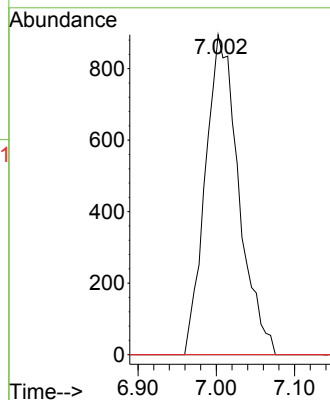
Tgt Ion: 43 Resp: 2651

Ion Ratio Lower Upper

43 100

61 0.0 11.0 16.6#

70 0.0 8.1 12.1#



#38

Carbon Tetrachloride

Concen: 5.686 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.116 min

Lab File: VY016861.D

Acq: 26 Dec 2023 18:26

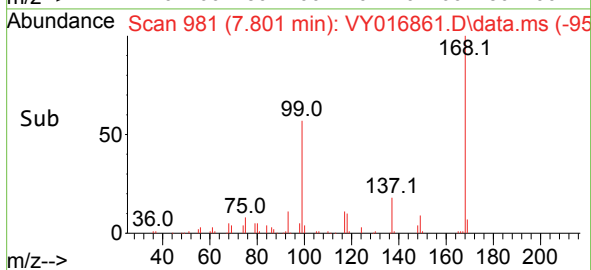
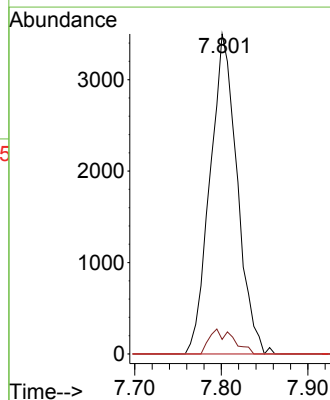
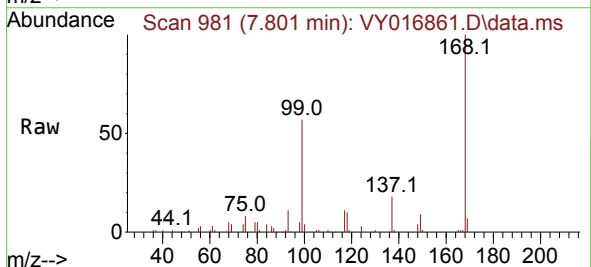
Tgt Ion: 117 Resp: 7618

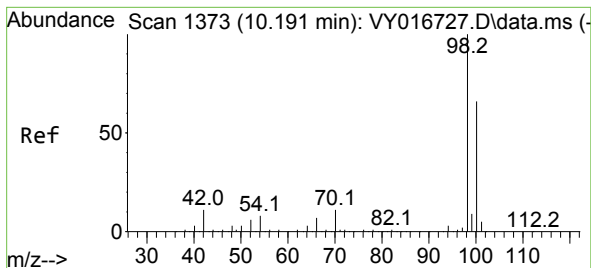
Ion Ratio Lower Upper

117 100

119 4.5 76.0 114.0#

121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 49.525 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.000 min

Lab File: VY016861.D

Acq: 26 Dec 2023 18:26

Instrument :

MSVOA_Y

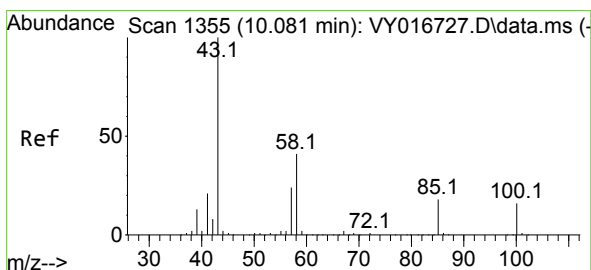
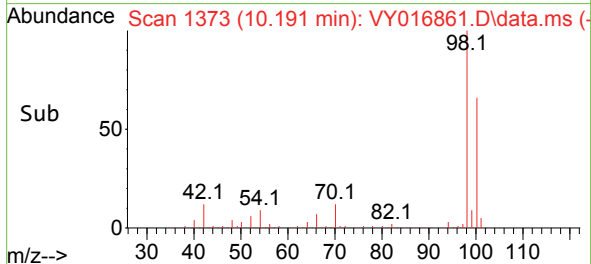
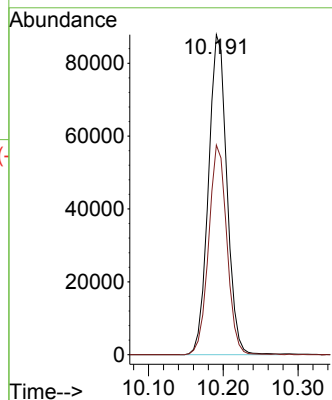
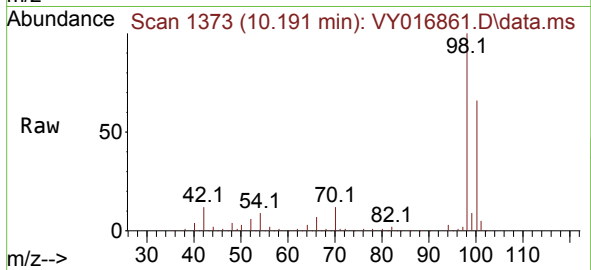
ClientSampleId :

Tgt Ion: 98 Resp: 150791

Ion Ratio Lower Upper

98 100

100 64.7 52.3 78.5



#51

4-Methyl-2-Pentanone

Concen: 1.057 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.110 min

Lab File: VY016861.D

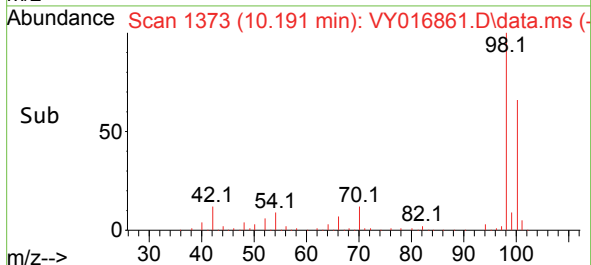
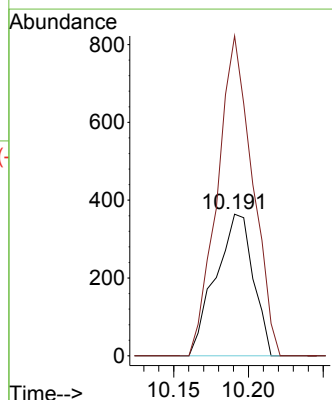
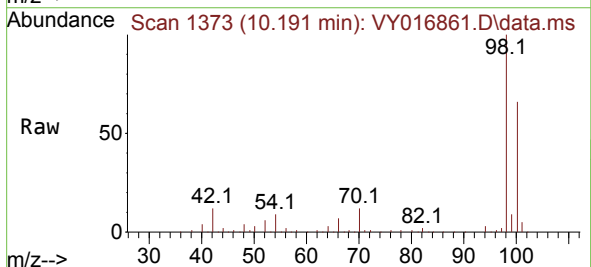
Acq: 26 Dec 2023 18:26

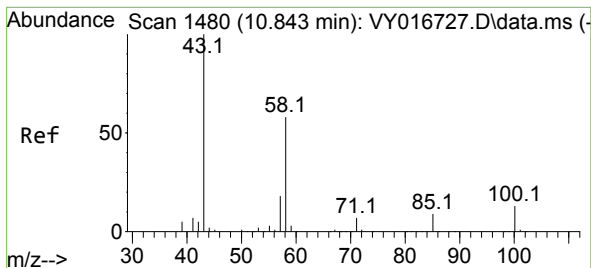
Tgt Ion: 43 Resp: 635

Ion Ratio Lower Upper

43 100

58 211.3 32.2 48.2#

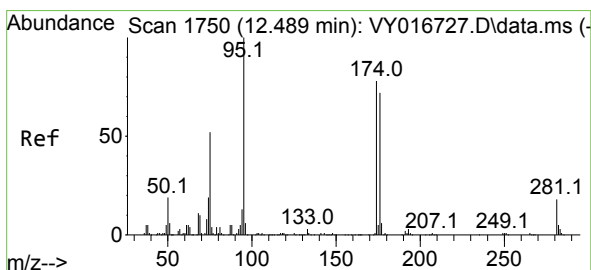
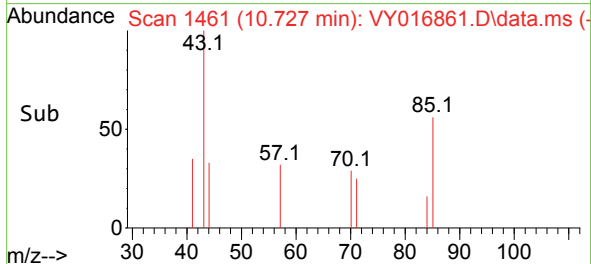
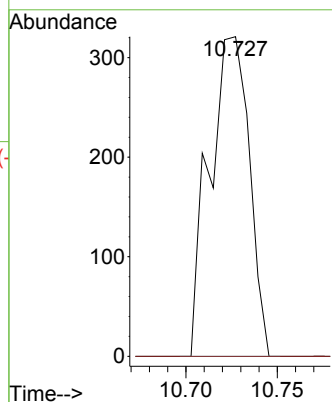
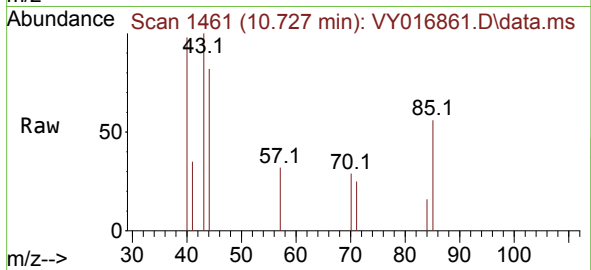




#59
2-Hexanone
Concen: 1.092 ug/l
RT: 10.727 min Scan# 1480
Delta R.T. -0.116 min
Lab File: VY016861.D
Acq: 26 Dec 2023 18:26

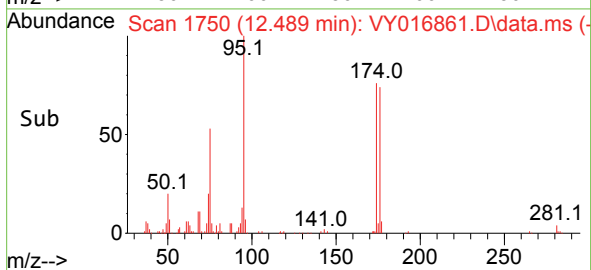
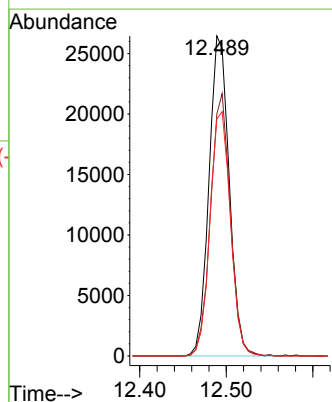
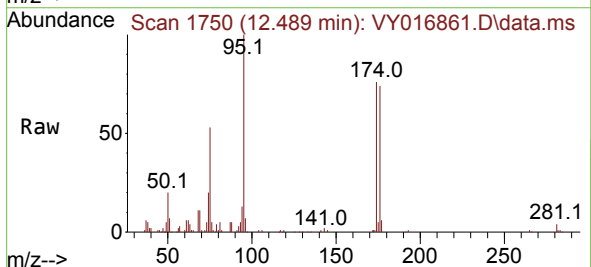
Instrument :
MSVOA_Y
ClientSampleId :

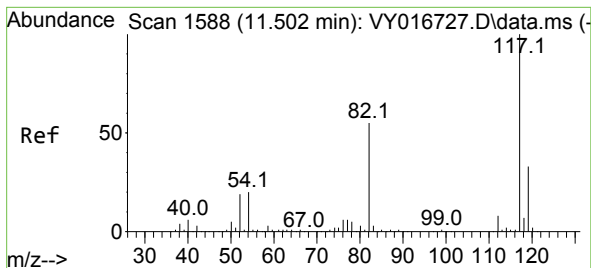
Tgt Ion: 43 Resp: 489
Ion Ratio Lower Upper
43 100
58 0.0 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: 43.306 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016861.D
Acq: 26 Dec 2023 18:26

Tgt Ion: 95 Resp: 42778
Ion Ratio Lower Upper
95 100
174 80.6 0.0 160.0
176 77.5 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.501 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016861.D

Acq: 26 Dec 2023 18:26

Instrument :

MSVOA_Y

ClientSampleId :

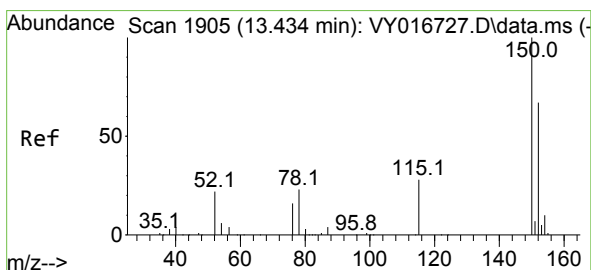
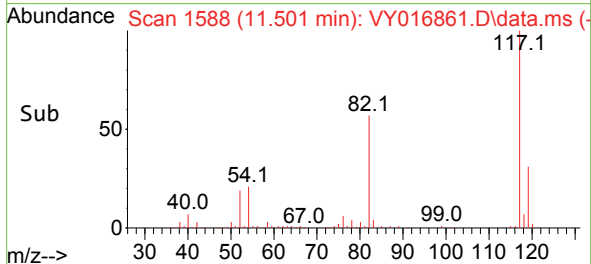
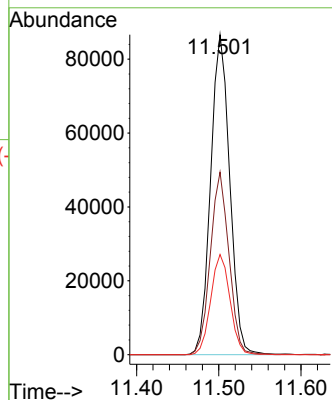
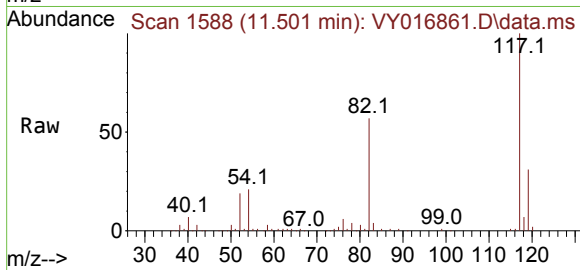
Tgt Ion:117 Resp: 140086

Ion Ratio Lower Upper

117 100

82 57.0 43.8 65.8

119 31.3 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VY016861.D

Acq: 26 Dec 2023 18:26

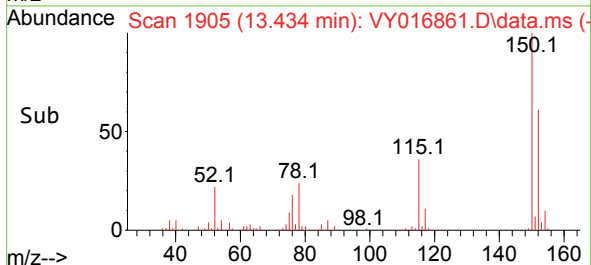
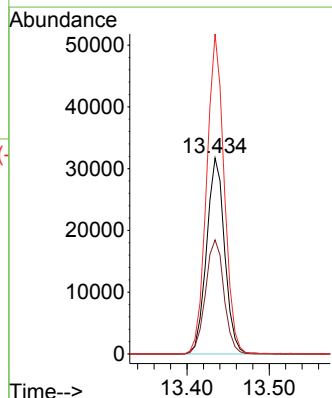
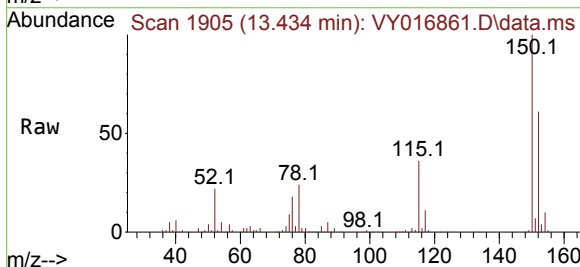
Tgt Ion:152 Resp: 48532

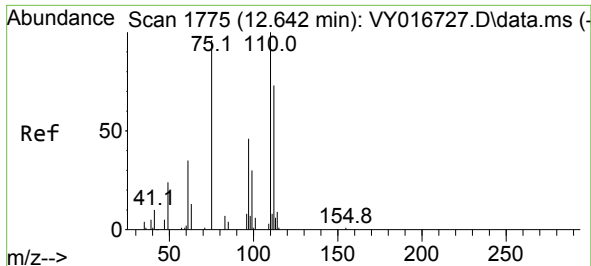
Ion Ratio Lower Upper

152 100

115 59.4 30.0 90.0

150 158.4 0.0 344.6

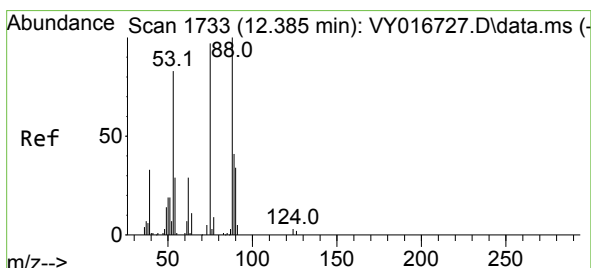
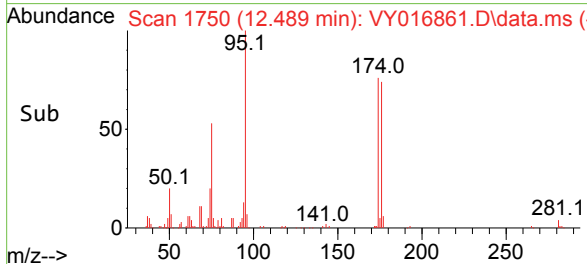
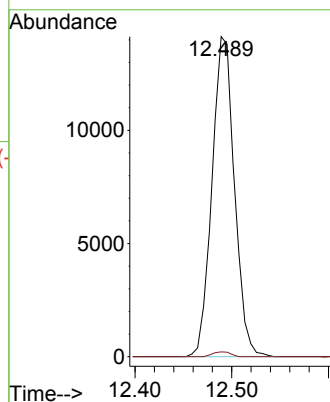
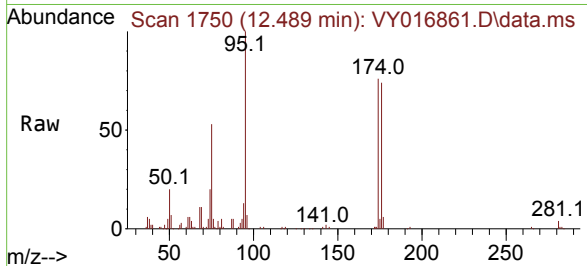




#76
1,2,3-Trichloropropane
Concen: 42.528 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.152 min
Lab File: VY016861.D
Acq: 26 Dec 2023 18:26

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 22816
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.874 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY016861.D
Acq: 26 Dec 2023 18:26

Tgt Ion: 75 Resp: 22816
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#

