

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122623\
 Data File : VY016856.D
 Acq On : 26 Dec 2023 16:29
 Operator : SY/MD
 Sample : 06015-03
 Misc : 6.52g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 27 01:36:11 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)

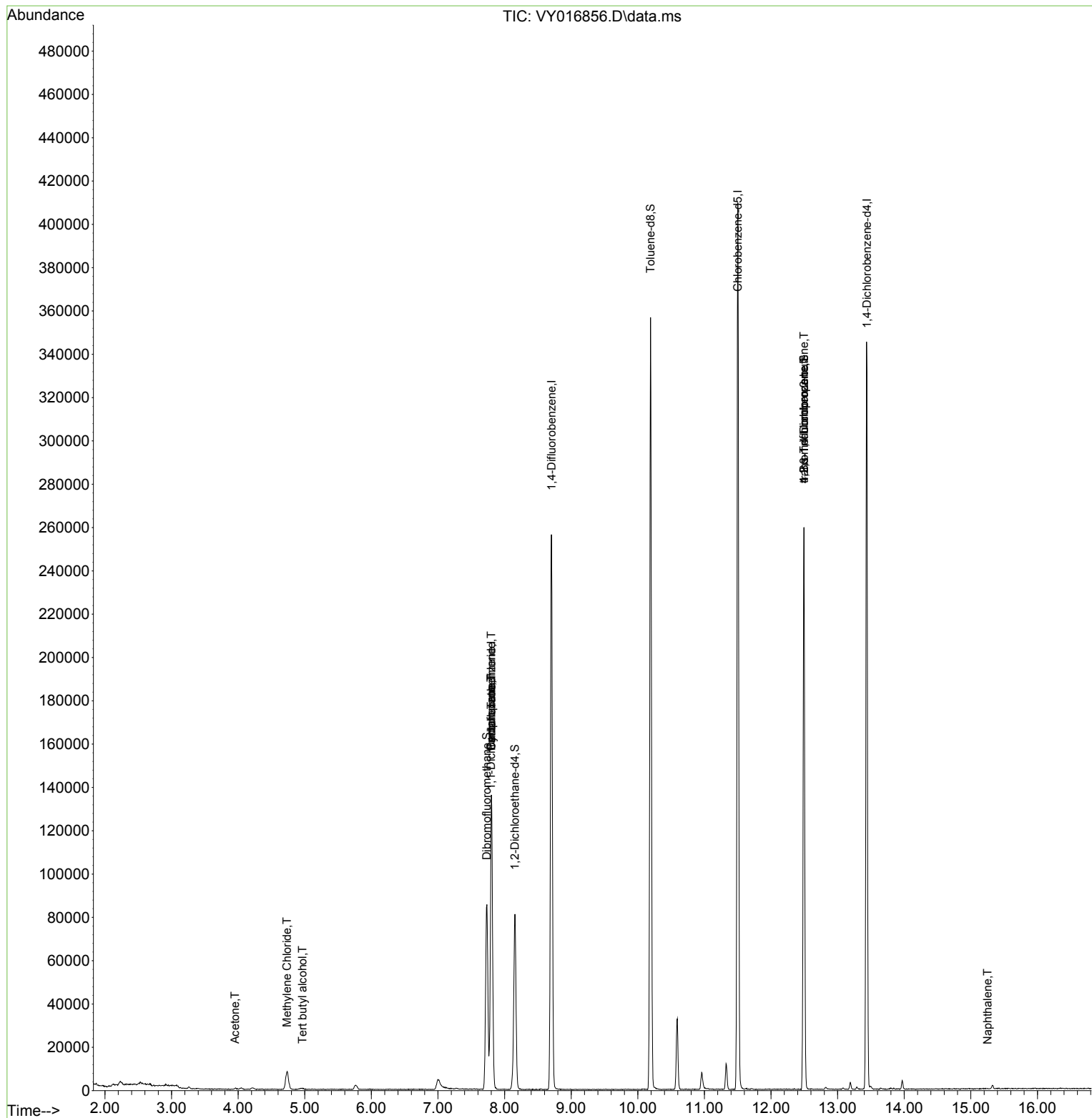
Internal Standards						
1) Pentafluorobenzene	7.801	168	101078	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	219290	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	220082	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	85305	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	61042	66.153	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.300%	
35) Dibromofluoromethane	7.734	113	63203	50.315	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.620%	
50) Toluene-d8	10.191	98	228286	50.413	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.820%	
62) 4-Bromofluorobenzene	12.495	95	74893	50.979	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.960%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	941	12.438	ug/l #	75
16) Acetone	3.954	43	887	3.555	ug/l #	81
20) Methylene Chloride	4.734	84	6318	2.141	ug/l	94
31) Cyclohexane	7.801	56	2237	1.265	ug/l #	8
36) 1,1-Dichloropropene	7.795	75	9384	4.660	ug/l #	48
38) Carbon Tetrachloride	7.801	117	10645	5.342	ug/l #	16
76) 1,2,3-Trichloropropane	12.495	75	40246	42.679	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	40246	100.228	ug/l #	12
95) Naphthalene	15.251	128	67	3.617	ug/l #	69

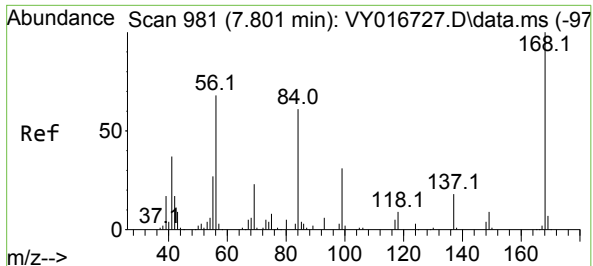
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
Quant Title : SW846 8260
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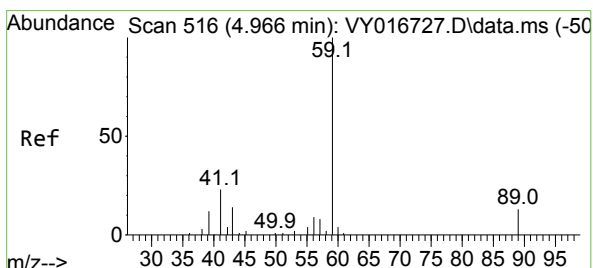
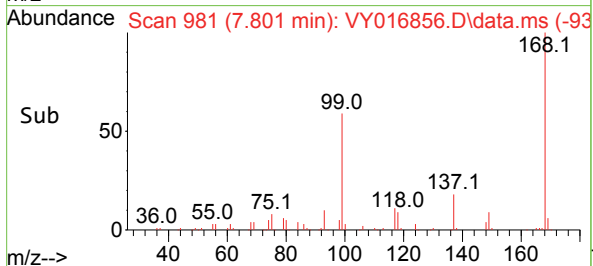
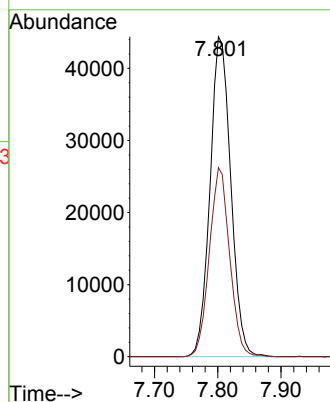
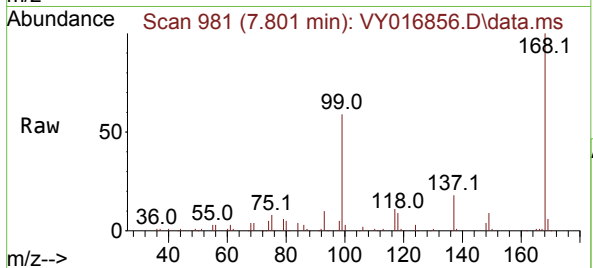




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016856.D
Acq: 26 Dec 2023 16:29

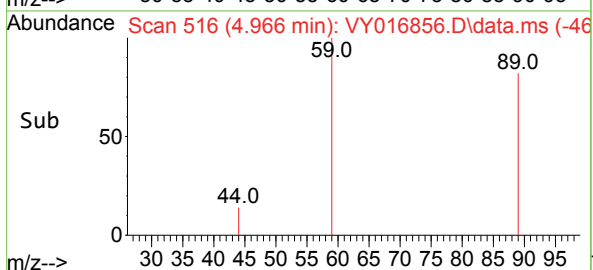
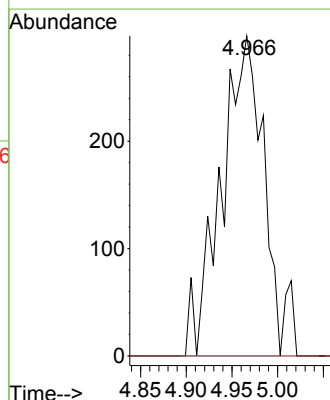
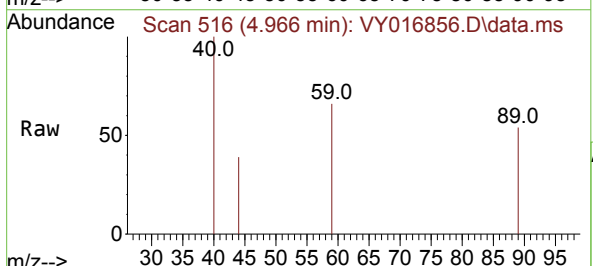
Instrument :
MSVOA_Y
ClientSampleId :

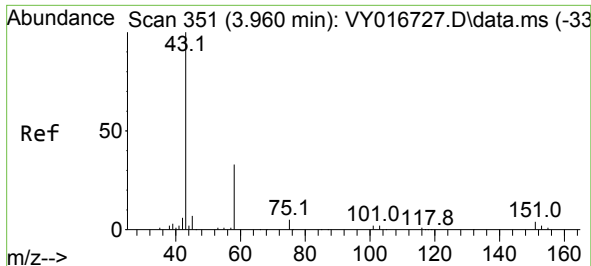
Tgt Ion:168 Resp: 101078
Ion Ratio Lower Upper
168 100
99 59.1 44.2 66.4



#11
Tert butyl alcohol
Concen: 12.438 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.000 min
Lab File: VY016856.D
Acq: 26 Dec 2023 16:29

Tgt Ion: 59 Resp: 941
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: 3.555 ug/l

RT: 3.954 min Scan# 3

Delta R.T. -0.006 min

Lab File: VY016856.D

Acq: 26 Dec 2023 16:29

Instrument :

MSVOA_Y

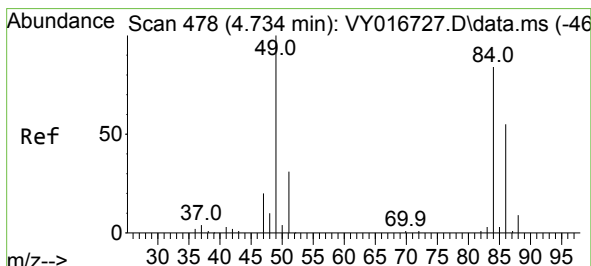
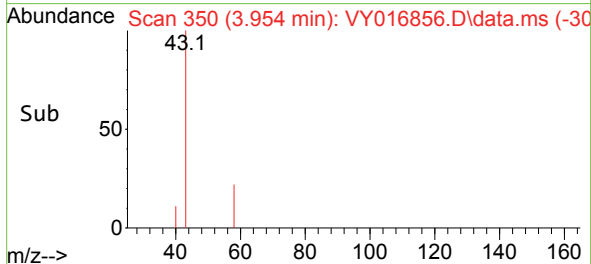
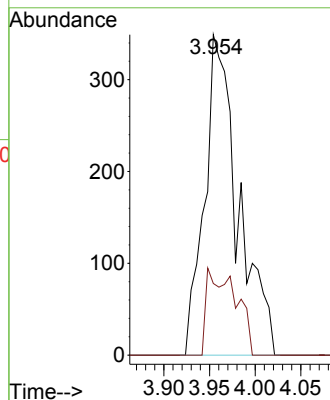
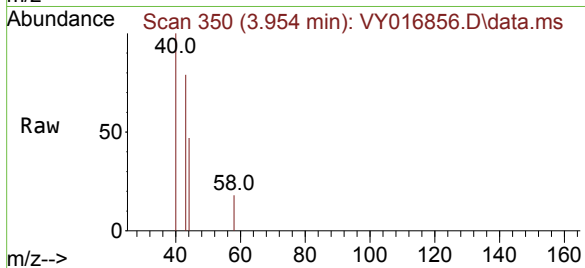
ClientSampleId :

Tgt Ion: 43 Resp: 887

Ion Ratio Lower Upper

43 100

58 22.3 26.6 39.8#



#20

Methylene Chloride

Concen: 2.141 ug/l

RT: 4.734 min Scan# 478

Delta R.T. 0.000 min

Lab File: VY016856.D

Acq: 26 Dec 2023 16:29

Tgt Ion: 84 Resp: 6318

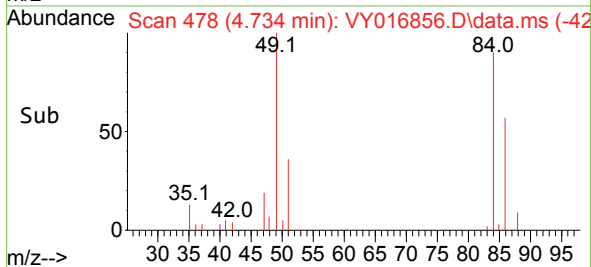
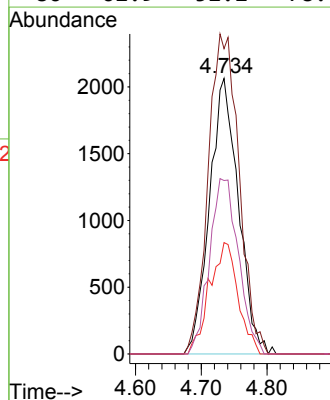
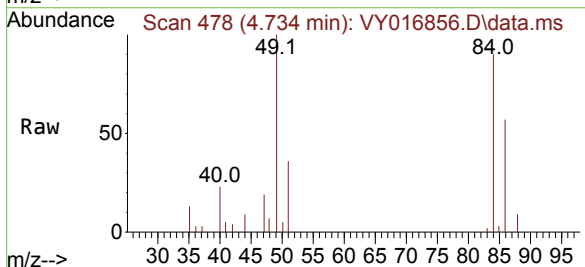
Ion Ratio Lower Upper

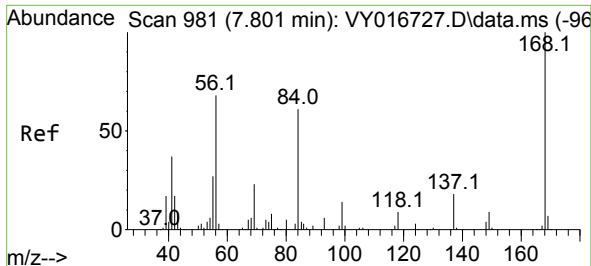
84 100

49 110.8 95.2 142.8

51 40.4 29.9 44.9

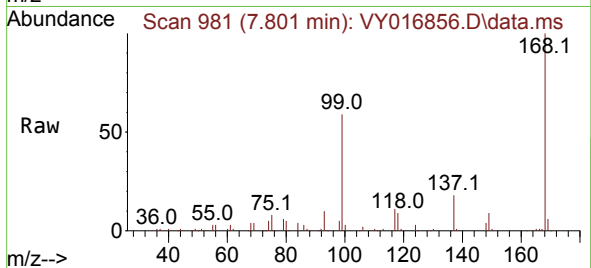
86 62.9 52.2 78.4



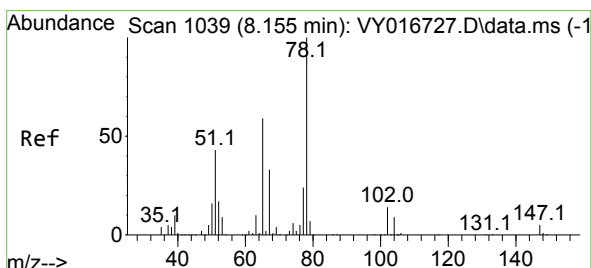
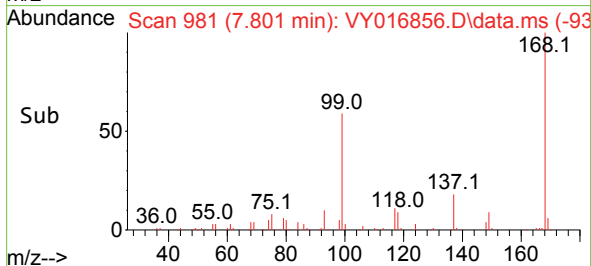
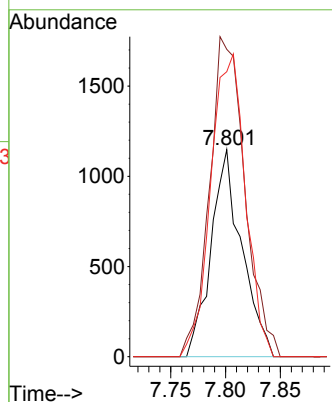


#31
Cyclohexane
Concen: 1.265 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016856.D
Acq: 26 Dec 2023 16:29

Instrument :
MSVOA_Y
ClientSampleId :

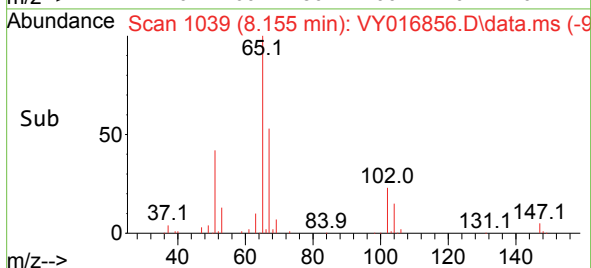
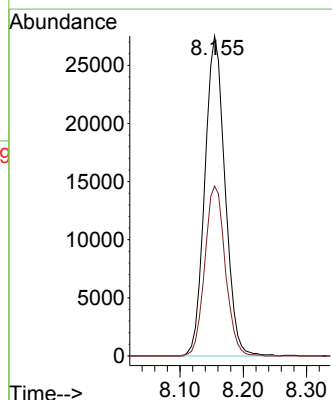
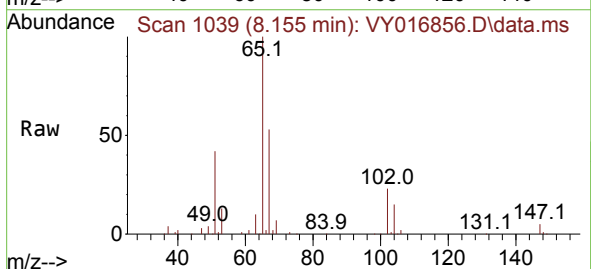


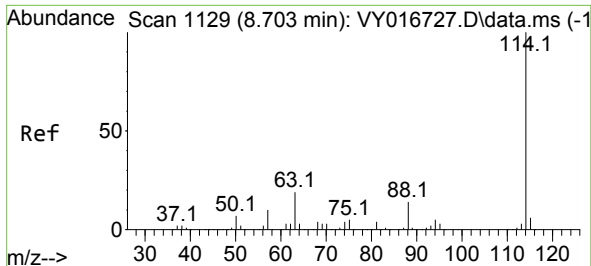
Tgt Ion: 56 Resp: 2237
Ion Ratio Lower Upper
56 100
69 148.4 27.0 40.6#
84 137.6 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 66.153 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY016856.D
Acq: 26 Dec 2023 16:29

Tgt Ion: 65 Resp: 61042
Ion Ratio Lower Upper
65 100
67 53.9 0.0 109.0

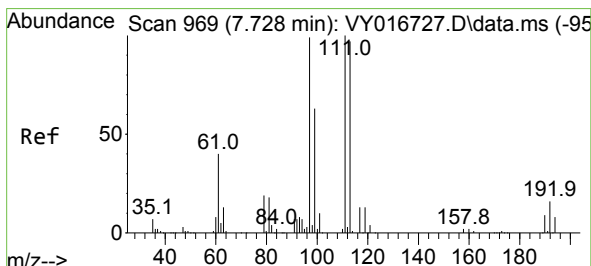
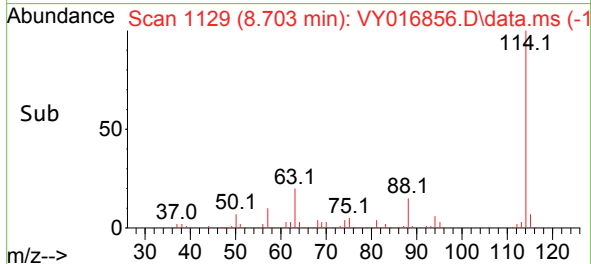
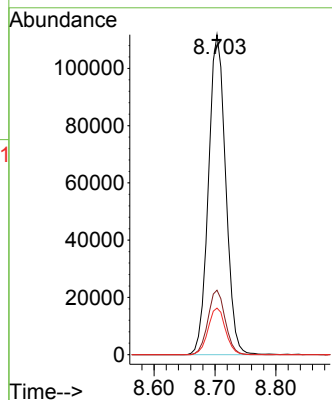
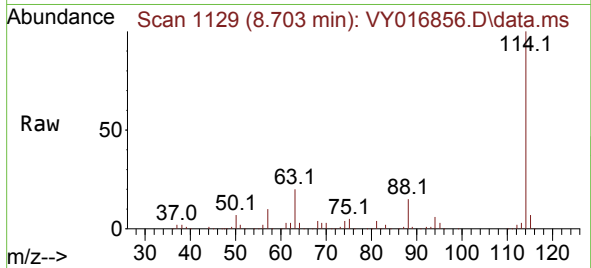




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VY016856.D
Acq: 26 Dec 2023 16:29

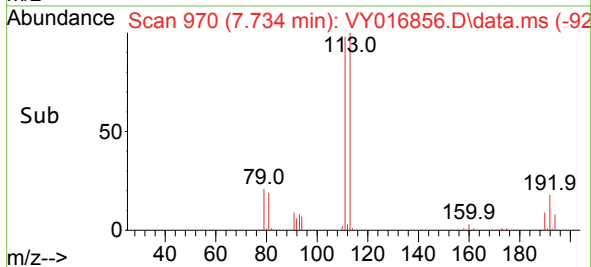
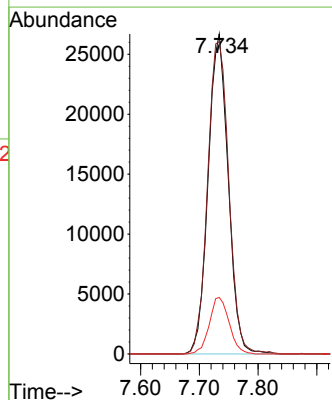
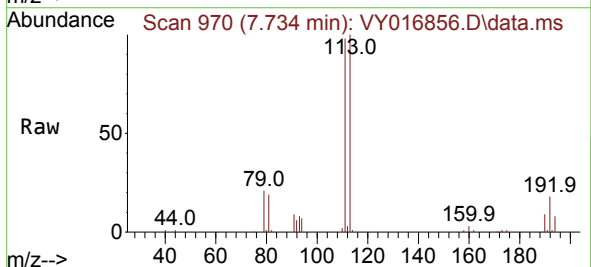
Instrument :
MSVOA_Y
ClientSampleId :

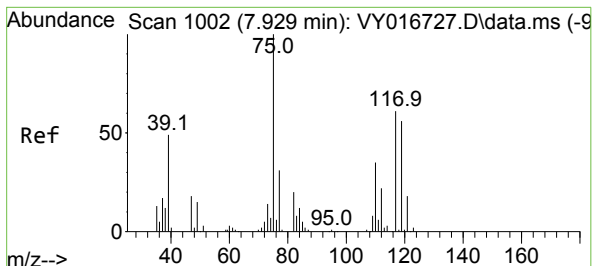
Tgt Ion:114 Resp: 219290
Ion Ratio Lower Upper
114 100
63 20.2 0.0 37.4
88 14.6 0.0 29.0



#35
Dibromofluoromethane
Concen: 50.315 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY016856.D
Acq: 26 Dec 2023 16:29

Tgt Ion:113 Resp: 63203
Ion Ratio Lower Upper
113 100
111 103.3 83.8 125.6
192 17.5 14.5 21.7





#36

1,1-Dichloropropene

Concen: 4.660 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY016856.D

Acq: 26 Dec 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

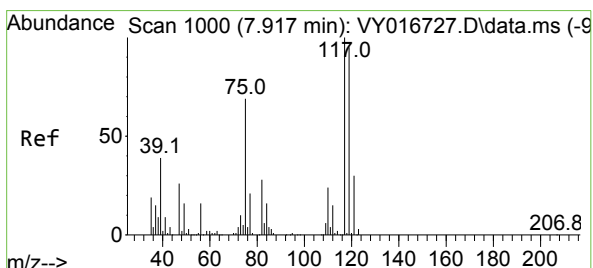
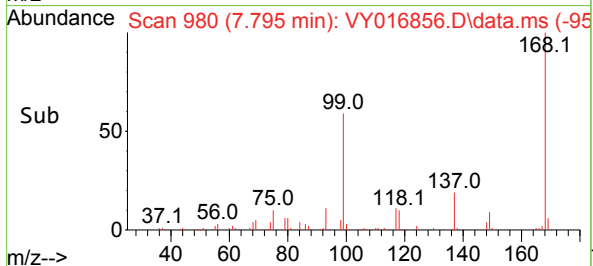
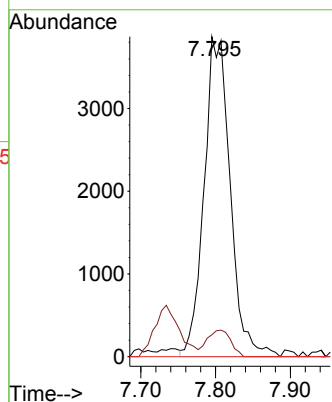
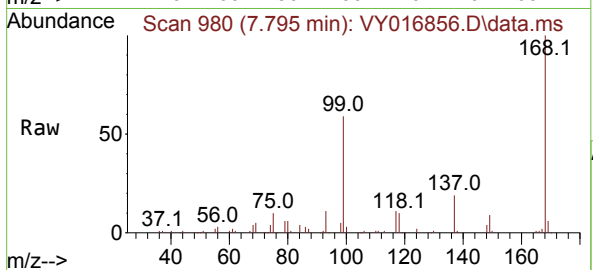
Tgt Ion: 75 Resp: 9384

Ion Ratio Lower Upper

75 100

110 7.5 17.4 52.3#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.342 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.116 min

Lab File: VY016856.D

Acq: 26 Dec 2023 16:29

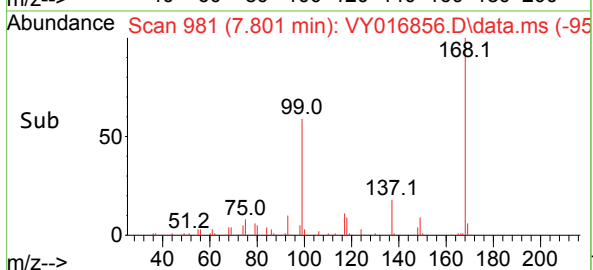
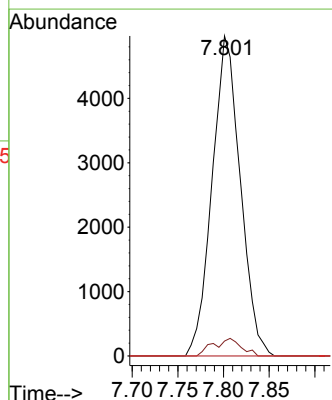
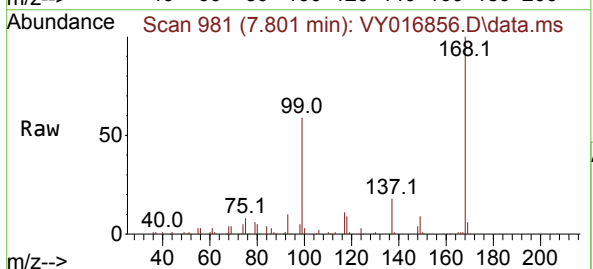
Tgt Ion: 117 Resp: 10645

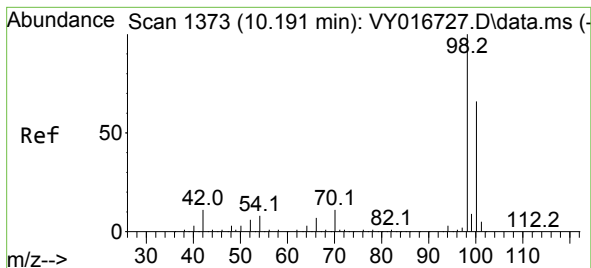
Ion Ratio Lower Upper

117 100

119 4.6 76.0 114.0#

121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 50.413 ug/l

RT: 10.191 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016856.D

Acq: 26 Dec 2023 16:29

Instrument :

MSVOA_Y

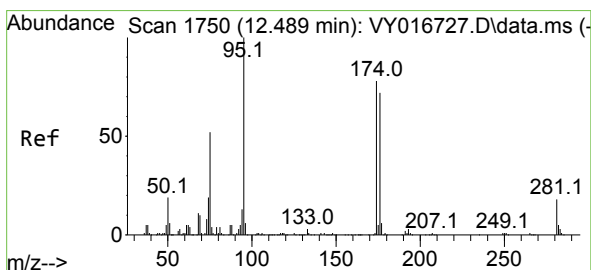
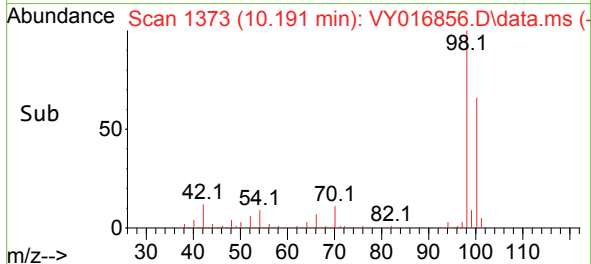
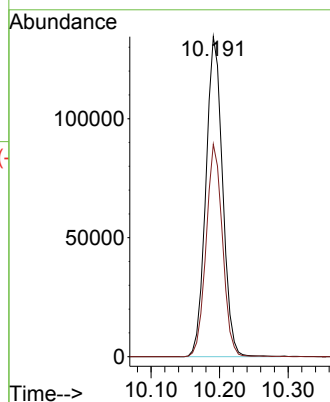
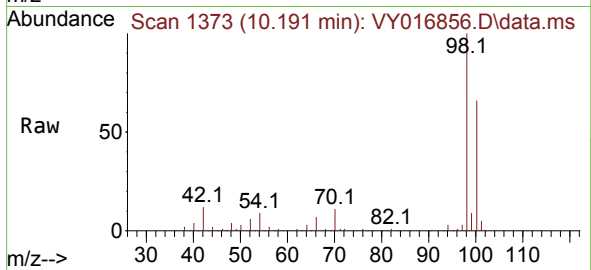
ClientSampleId :

Tgt Ion: 98 Resp: 228286

Ion Ratio Lower Upper

98 100

100 65.2 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 50.979 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY016856.D

Acq: 26 Dec 2023 16:29

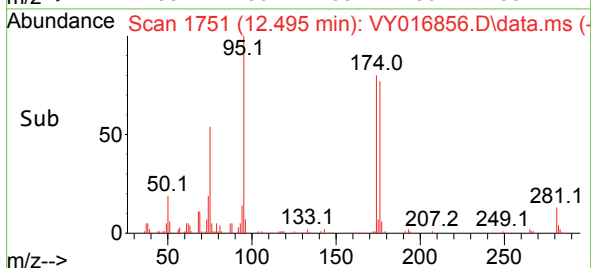
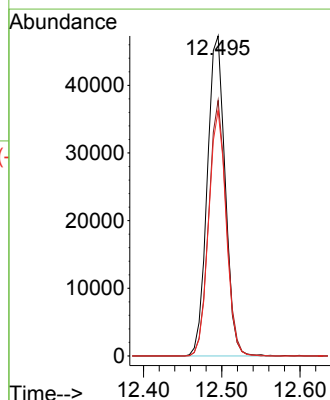
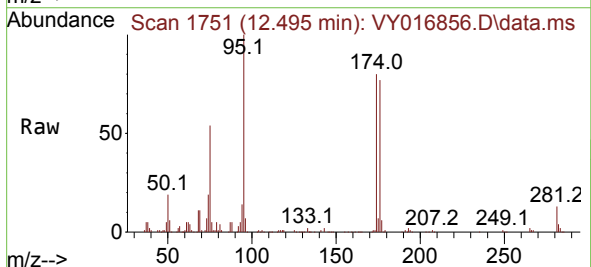
Tgt Ion: 95 Resp: 74893

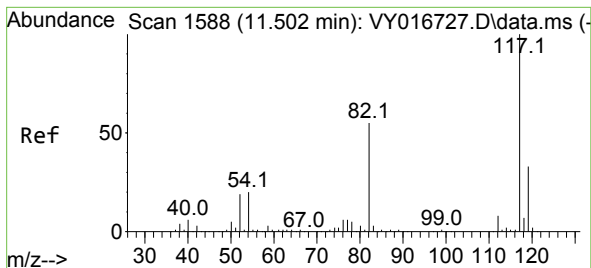
Ion Ratio Lower Upper

95 100

174 78.2 0.0 160.0

176 74.9 0.0 151.8

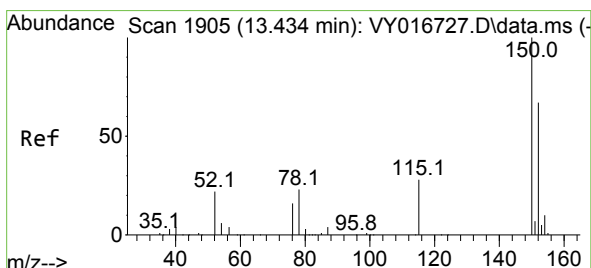
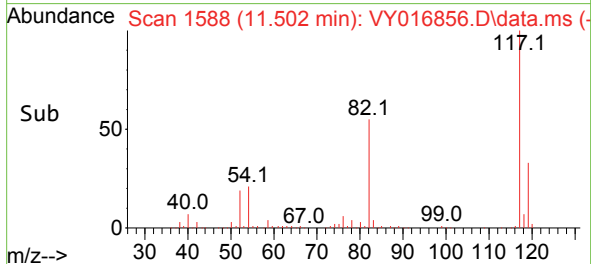
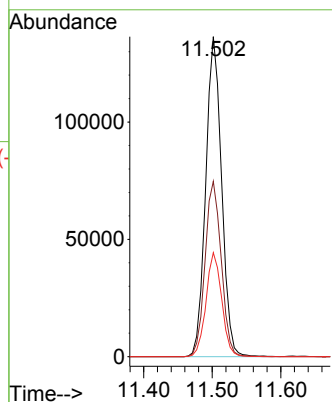
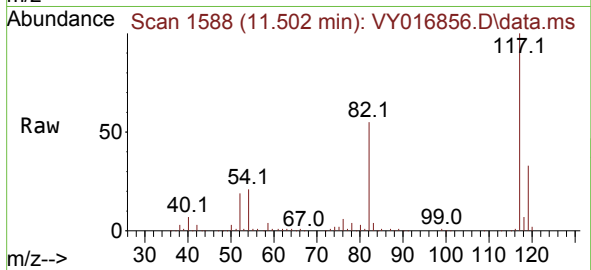




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY016856.D
Acq: 26 Dec 2023 16:29

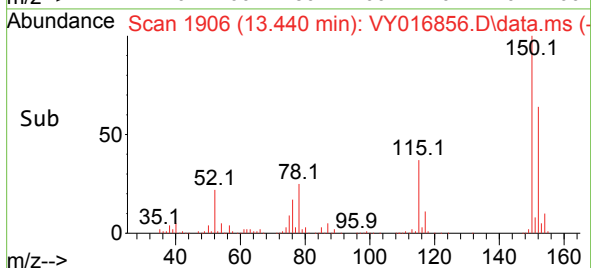
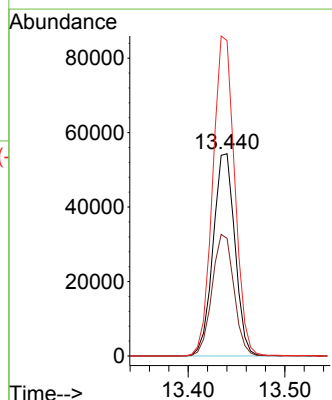
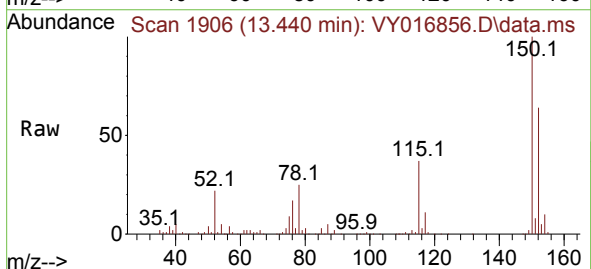
Instrument :
MSVOA_Y
ClientSampleId :

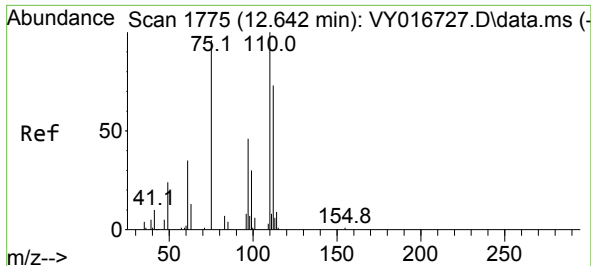
Tgt Ion:117 Resp: 220082
Ion Ratio Lower Upper
117 100
82 54.8 43.8 65.8
119 32.5 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016856.D
Acq: 26 Dec 2023 16:29

Tgt Ion:152 Resp: 85305
Ion Ratio Lower Upper
152 100
115 60.2 30.0 90.0
150 158.9 0.0 344.6

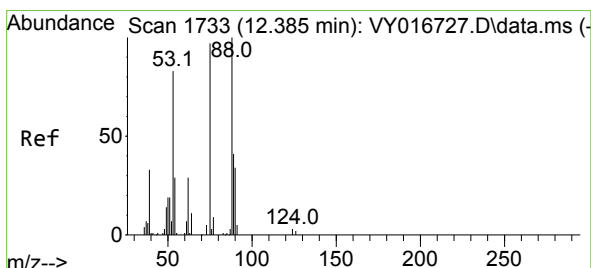
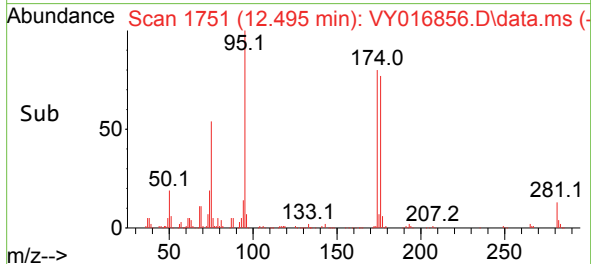
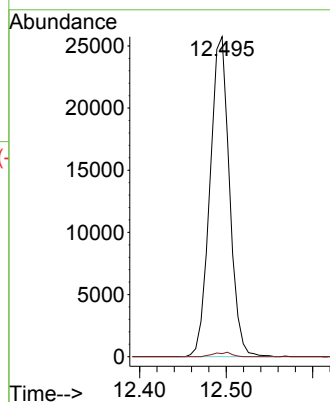
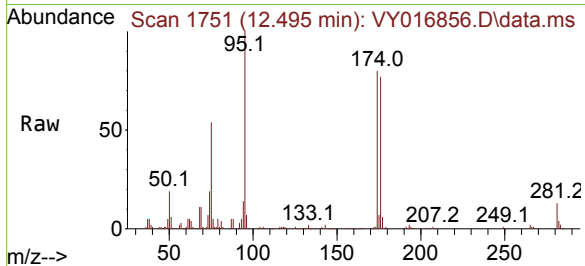




#76
1,2,3-Trichloropropane
Concen: 42.679 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.146 min
Lab File: VY016856.D
Acq: 26 Dec 2023 16:29

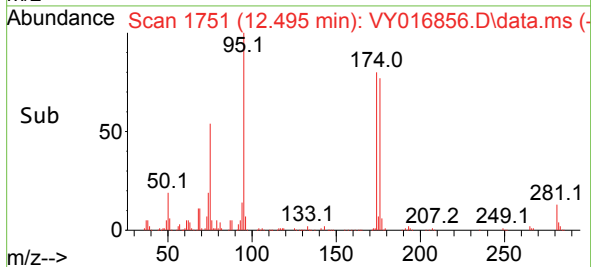
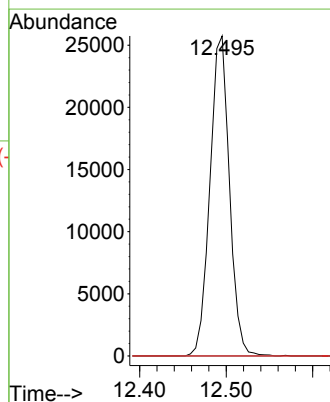
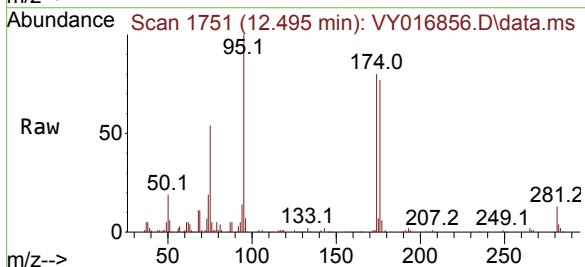
Instrument :
MSVOA_Y
ClientSampleId :

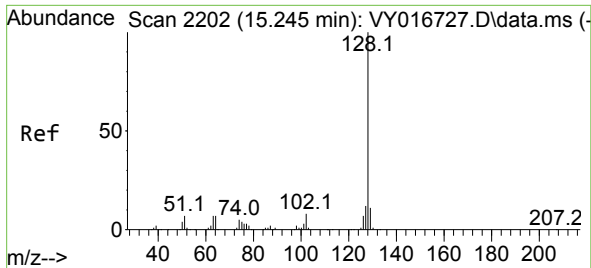
Tgt Ion: 75 Resp: 40246
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 100.228 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.110 min
Lab File: VY016856.D
Acq: 26 Dec 2023 16:29

Tgt Ion: 75 Resp: 40246
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#





#95

Naphthalene

Concen: 3.617 ug/l

RT: 15.251 min Scan# 21

Delta R.T. 0.006 min

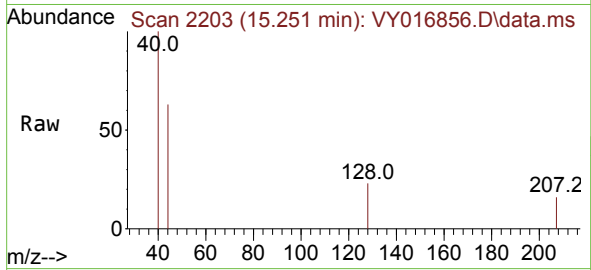
Lab File: VY016856.D

Acq: 26 Dec 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:128 Resp: 67

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.4#

129 0.0 8.6 12.8#

