

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122623\
 Data File : VY016848.D
 Acq On : 26 Dec 2023 13:15
 Operator : SY/MD
 Sample : 05957-12RE
 Misc : 3.19g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 27 01:33:14 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)

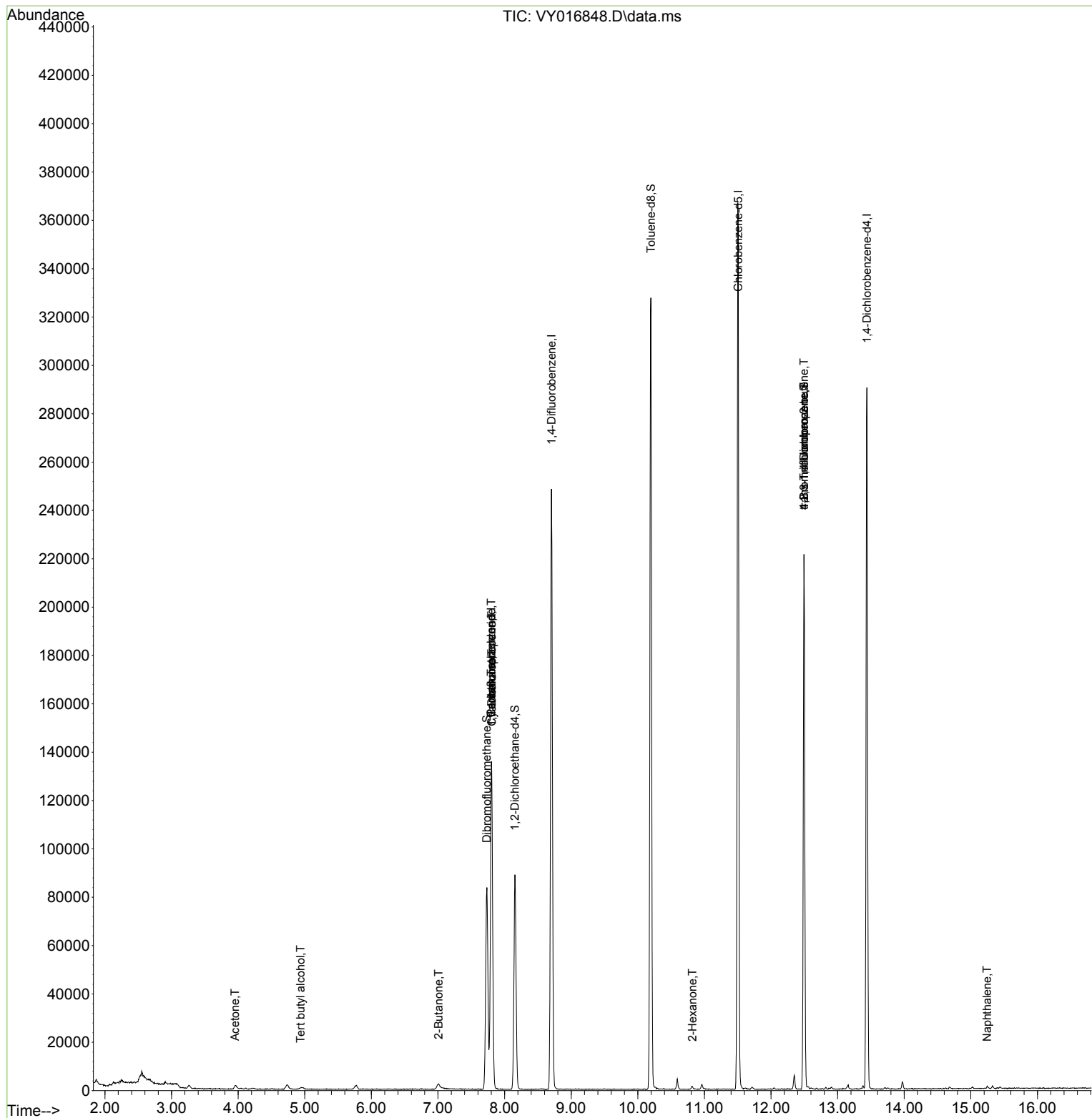
Internal Standards						
1) Pentafluorobenzene	7.801	168	104246	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	210073	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	197743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	73260	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	67895	71.344	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 142.680%	
35) Dibromofluoromethane	7.734	113	61079	50.757	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.520%	
50) Toluene-d8	10.197	98	218496	50.369	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.740%	
62) 4-Bromofluorobenzene	12.495	95	67137	47.704	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 95.400%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	502	6.434	ug/l #	75
16) Acetone	3.954	43	2996	11.642	ug/l	99
20) Methylene Chloride	4.735	84	1555	Below Cal	#	73
25) 2-Butanone	7.009	43	1118	3.155	ug/l #	78
31) Cyclohexane	7.807	56	2408	1.321	ug/l #	11
36) 1,1-Dichloropropene	7.807	75	8721	4.521	ug/l #	49
38) Carbon Tetrachloride	7.801	117	10497	5.499	ug/l #	17
59) 2-Hexanone	10.819	43	1293	2.026	ug/l #	23
76) 1,2,3-Trichloropropane	12.495	75	35946	44.386	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	35946	104.238	ug/l #	12
95) Naphthalene	15.245	128	1108	4.029	ug/l #	84

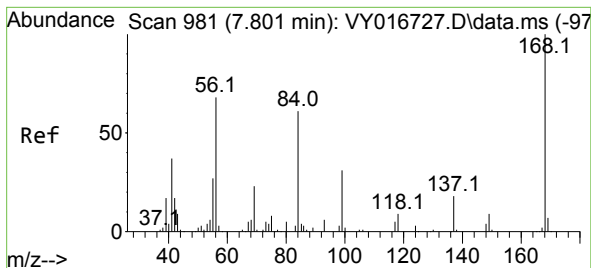
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 91

Delta R.T. 0.000 min

Lab File: VY016848.D

Acq: 26 Dec 2023 13:15

Instrument :

MSVOA_Y

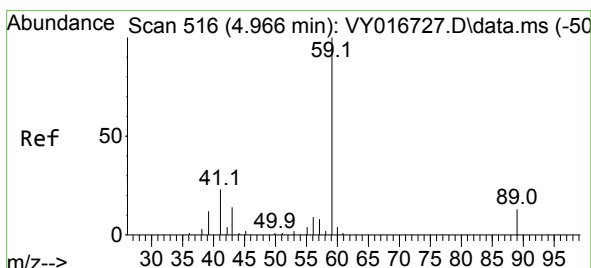
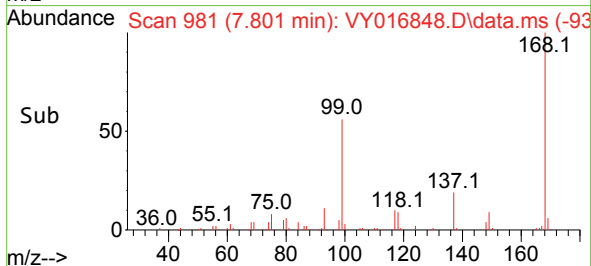
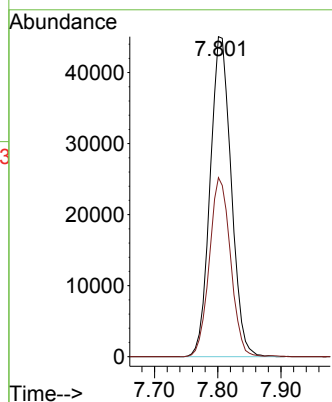
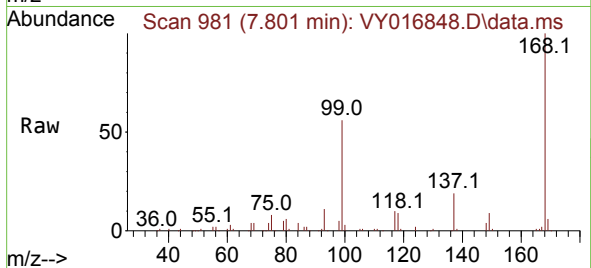
ClientSampleId :

Tgt Ion:168 Resp: 104246

Ion Ratio Lower Upper

168 100

99 56.0 44.2 66.4



#11

Tert butyl alcohol

Concen: 6.434 ug/l

RT: 4.936 min Scan# 511

Delta R.T. -0.030 min

Lab File: VY016848.D

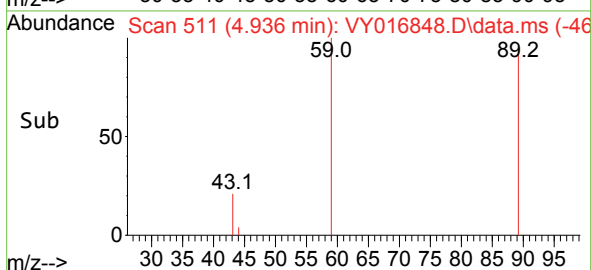
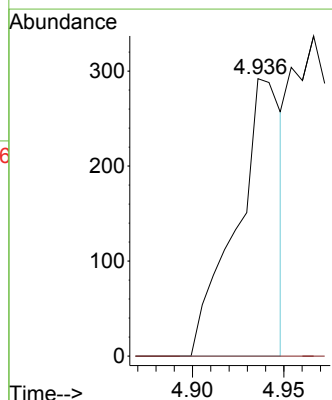
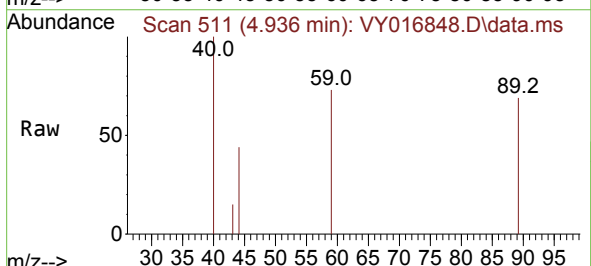
Acq: 26 Dec 2023 13:15

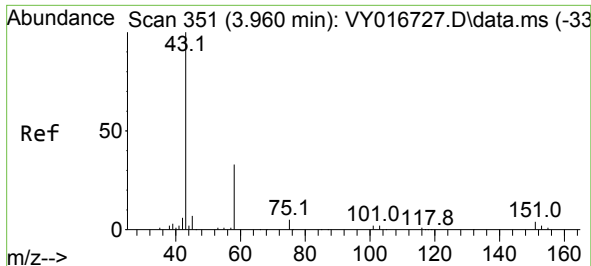
Tgt Ion: 59 Resp: 502

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.0#

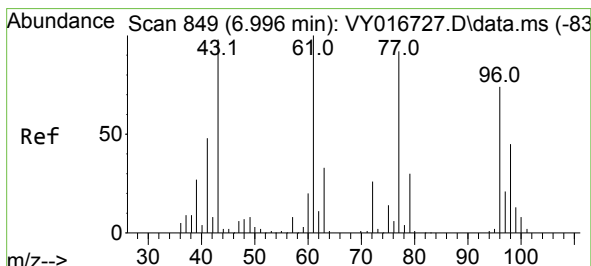
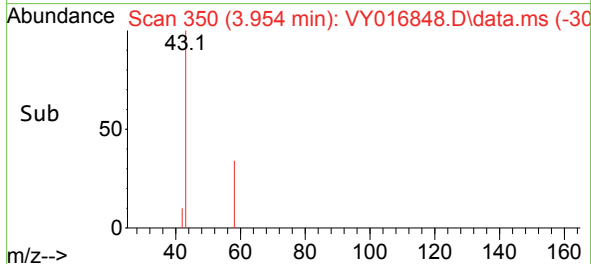
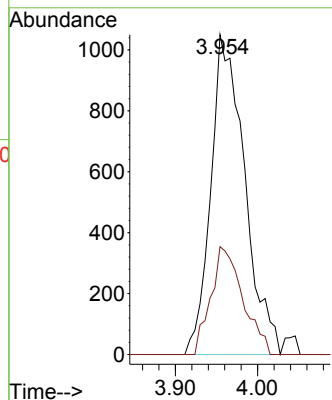
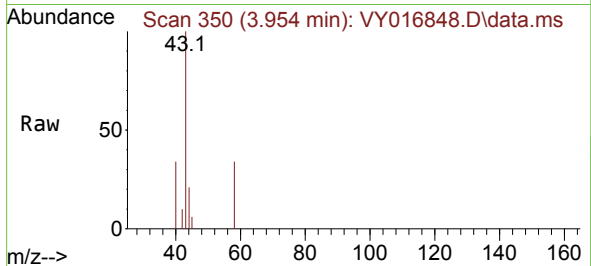




#16
Acetone
Concen: 11.642 ug/l
RT: 3.954 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY016848.D
Acq: 26 Dec 2023 13:15

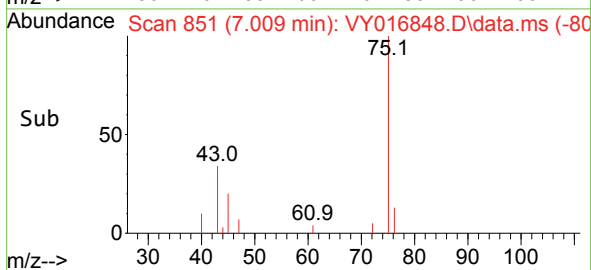
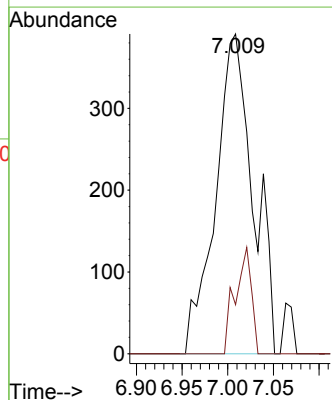
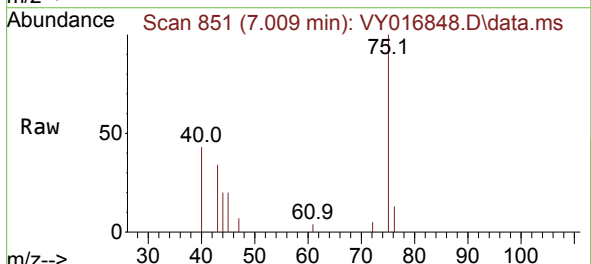
Instrument :
MSVOA_Y
ClientSampleId :

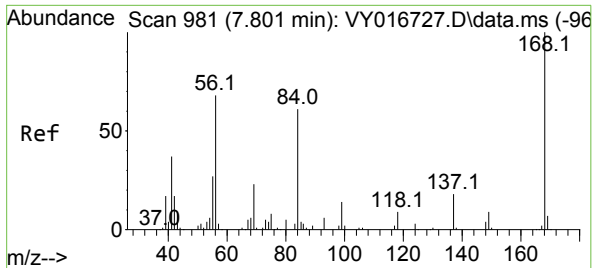
Tgt Ion: 43 Resp: 2996
Ion Ratio Lower Upper
43 100
58 33.7 26.6 39.8



#25
2-Butanone
Concen: 3.155 ug/l
RT: 7.009 min Scan# 851
Delta R.T. 0.013 min
Lab File: VY016848.D
Acq: 26 Dec 2023 13:15

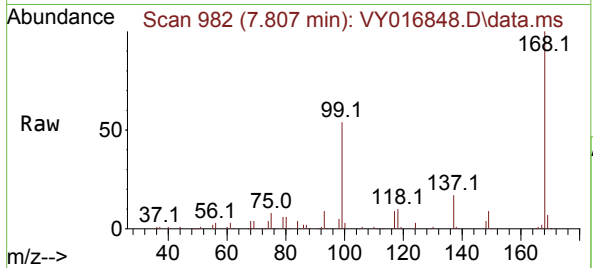
Tgt Ion: 43 Resp: 1118
Ion Ratio Lower Upper
43 100
72 15.3 21.4 32.2#



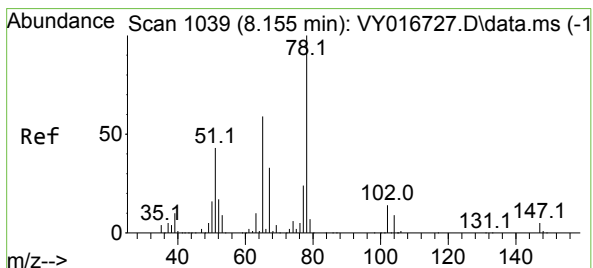
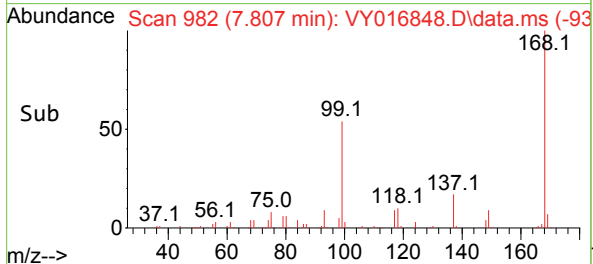
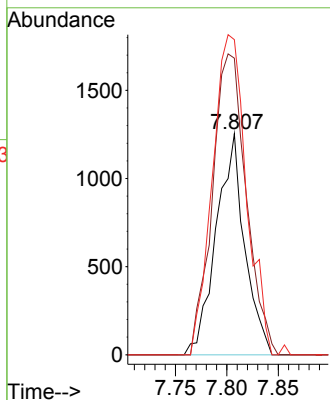


#31
Cyclohexane
Concen: 1.321 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016848.D
Acq: 26 Dec 2023 13:15

Instrument :
MSVOA_Y
ClientSampleId :

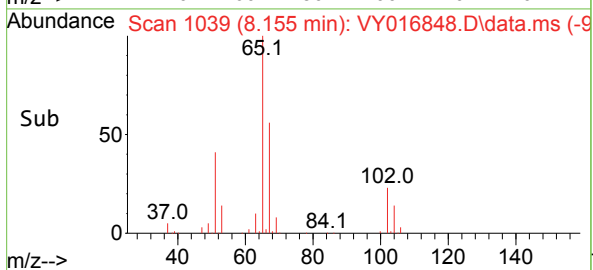
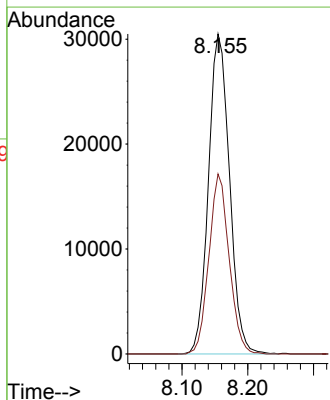
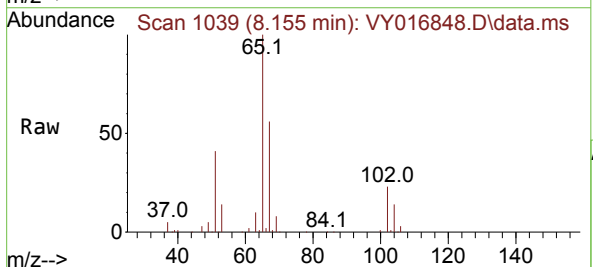


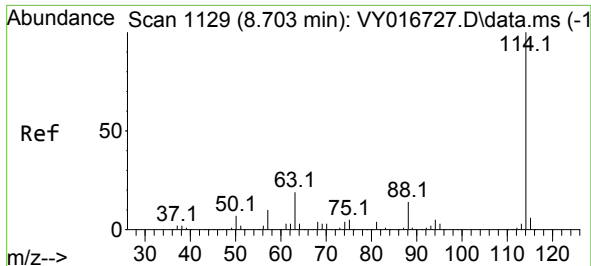
Tgt Ion: 56 Resp: 2408
Ion Ratio Lower Upper
56 100
69 134.2 27.0 40.6#
84 142.6 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 71.344 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY016848.D
Acq: 26 Dec 2023 13:15

Tgt Ion: 65 Resp: 67895
Ion Ratio Lower Upper
65 100
67 54.2 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: VY016848.D

Acq: 26 Dec 2023 13:15

Instrument :

MSVOA_Y

ClientSampleId :

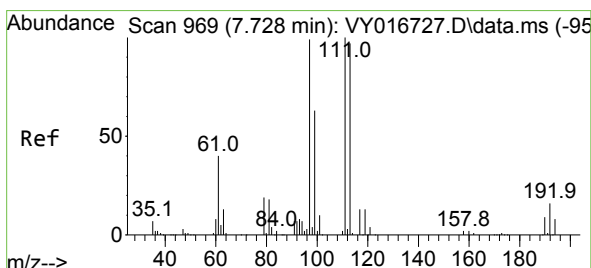
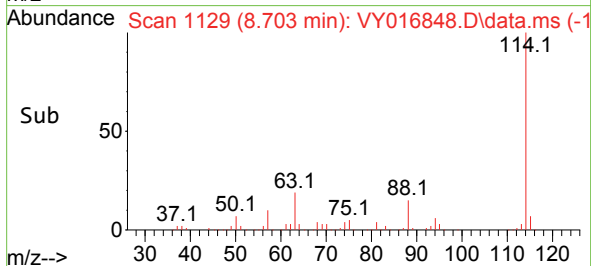
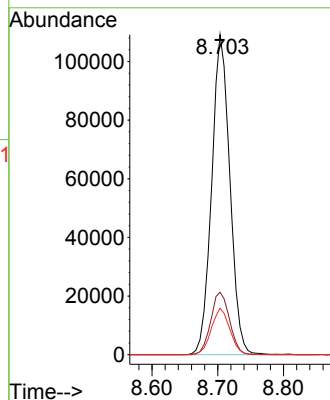
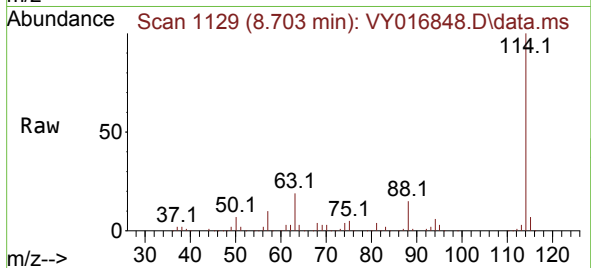
Tgt Ion:114 Resp: 210073

Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.4

88 14.5 0.0 29.0



#35

Dibromofluoromethane

Concen: 50.757 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY016848.D

Acq: 26 Dec 2023 13:15

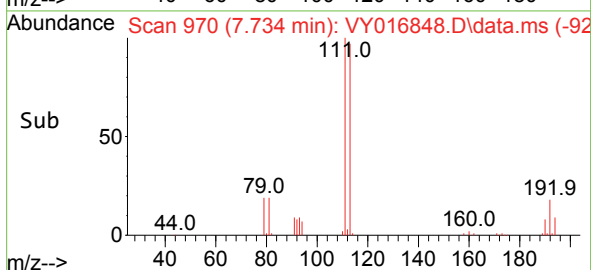
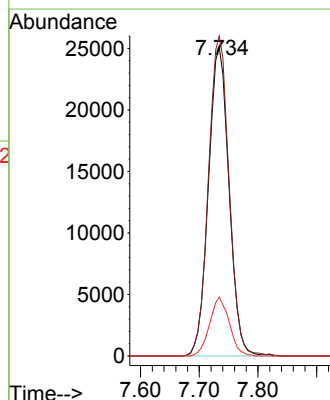
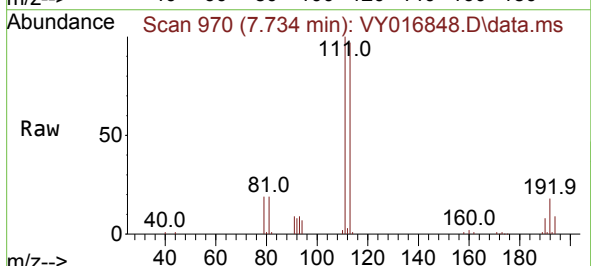
Tgt Ion:113 Resp: 61079

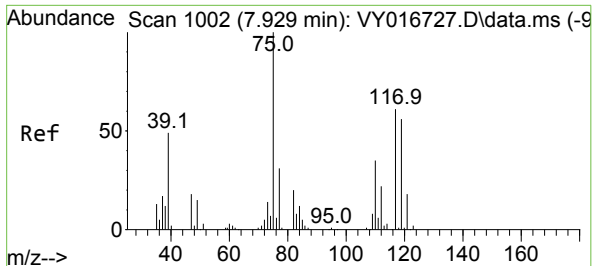
Ion Ratio Lower Upper

113 100

111 103.6 83.8 125.6

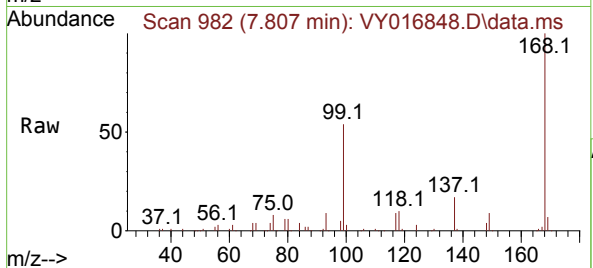
192 18.2 14.5 21.7



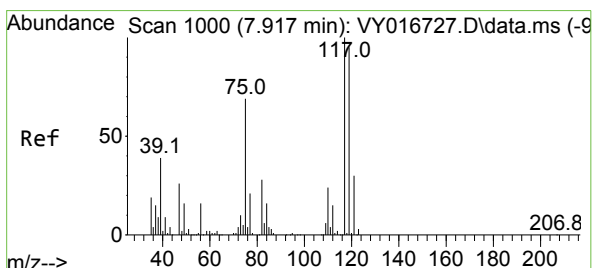
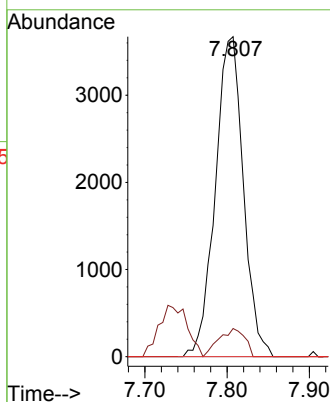
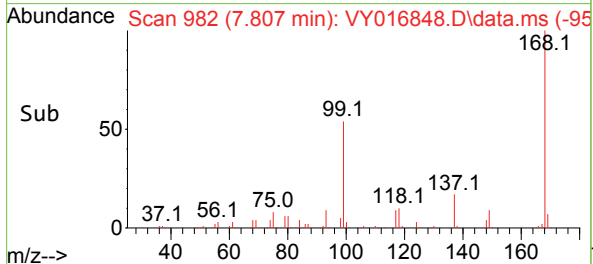


#36
 1,1-Dichloropropene
 Concen: 4.521 ug/l
 RT: 7.807 min Scan# 982
 Delta R.T. -0.122 min
 Lab File: VY016848.D
 Acq: 26 Dec 2023 13:15

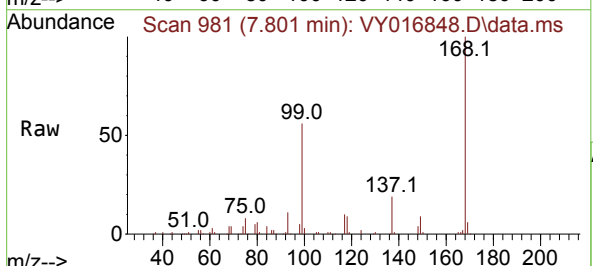
Instrument :
 MSVOA_Y
 ClientSampleId :



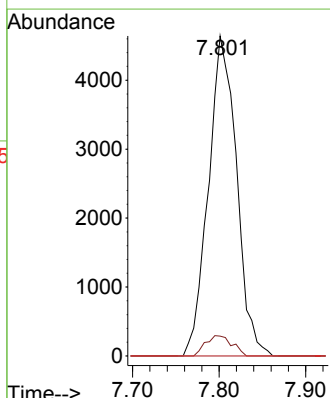
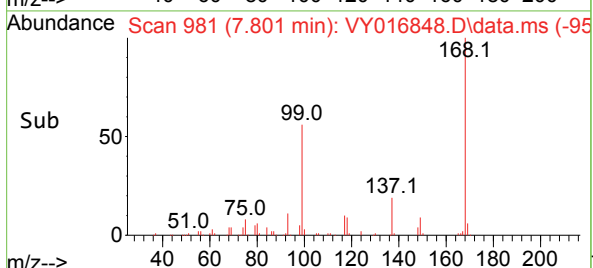
Tgt Ion: 75 Resp: 8721
 Ion Ratio Lower Upper
 75 100
 110 8.1 17.4 52.3#
 77 0.0 24.7 37.1#

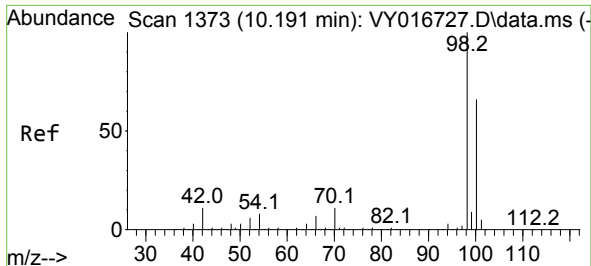


#38
 Carbon Tetrachloride
 Concen: 5.499 ug/l
 RT: 7.801 min Scan# 981
 Delta R.T. -0.116 min
 Lab File: VY016848.D
 Acq: 26 Dec 2023 13:15



Tgt Ion: 117 Resp: 10497
 Ion Ratio Lower Upper
 117 100
 119 6.2 76.0 114.0#
 121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 50.369 ug/l

RT: 10.197 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016848.D

Acq: 26 Dec 2023 13:15

Instrument :

MSVOA_Y

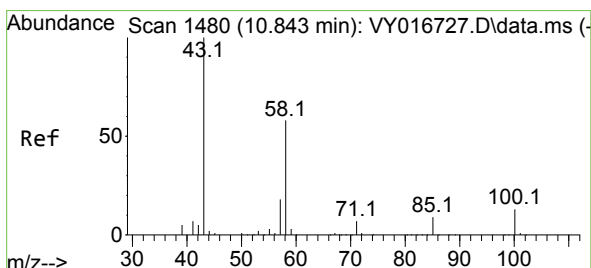
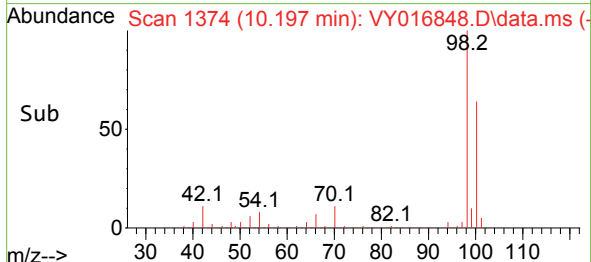
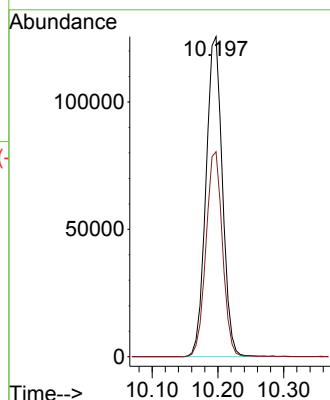
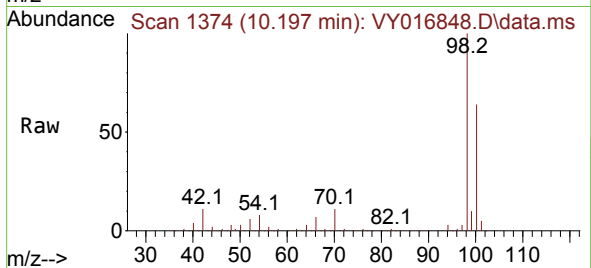
ClientSampleId :

Tgt Ion: 98 Resp: 218496

Ion Ratio Lower Upper

98 100

100 64.3 52.3 78.5



#59

2-Hexanone

Concen: 2.026 ug/l

RT: 10.819 min Scan# 1476

Delta R.T. -0.024 min

Lab File: VY016848.D

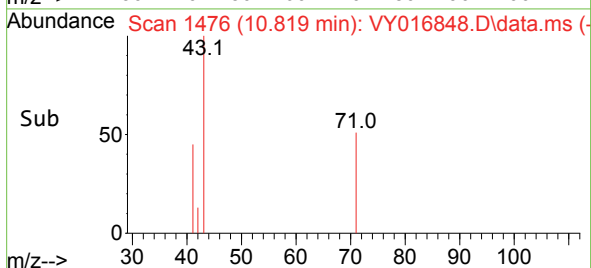
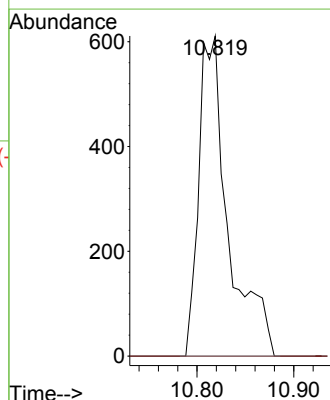
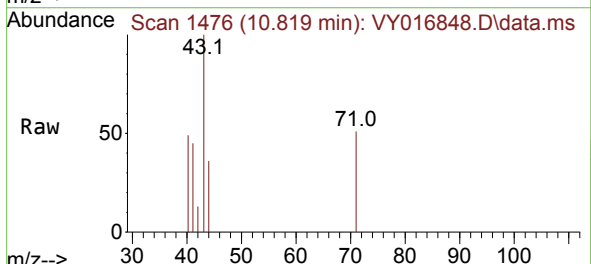
Acq: 26 Dec 2023 13:15

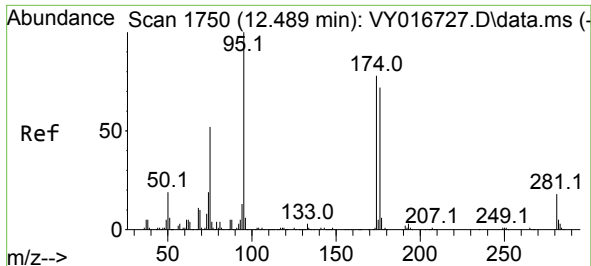
Tgt Ion: 43 Resp: 1293

Ion Ratio Lower Upper

43 100

58 0.0 28.1 84.3#

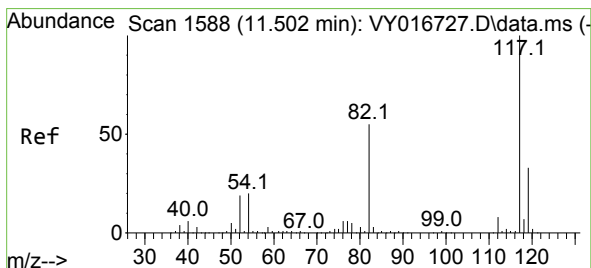
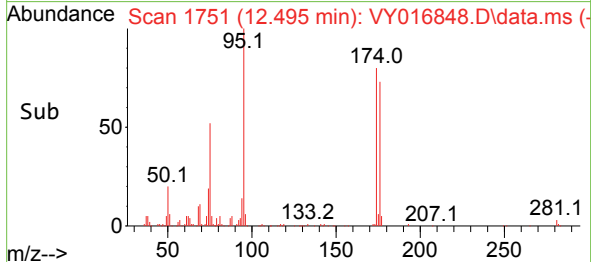
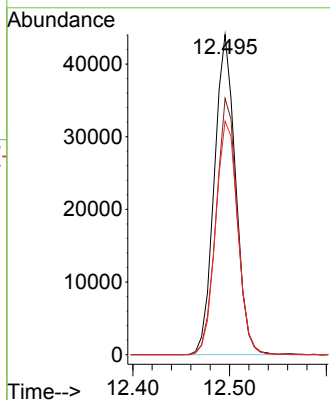
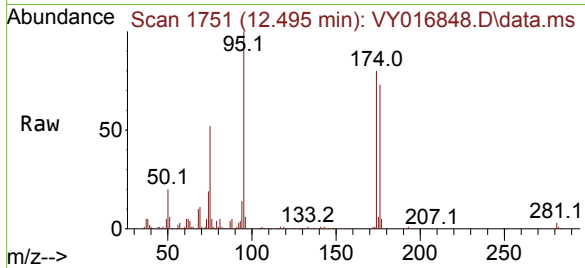




#62
4-Bromofluorobenzene
Concen: 47.704 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016848.D
Acq: 26 Dec 2023 13:15

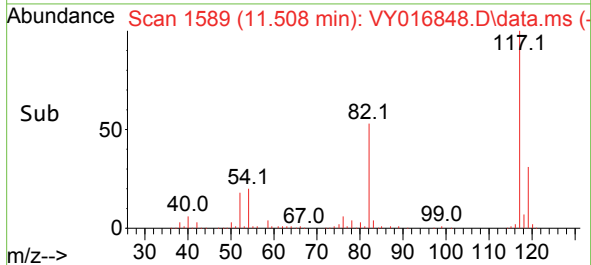
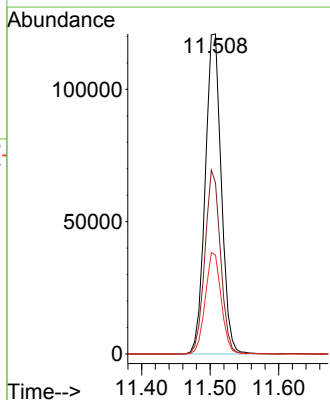
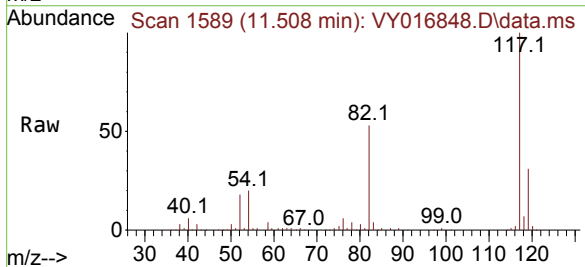
Instrument :
MSVOA_Y
ClientSampleId :

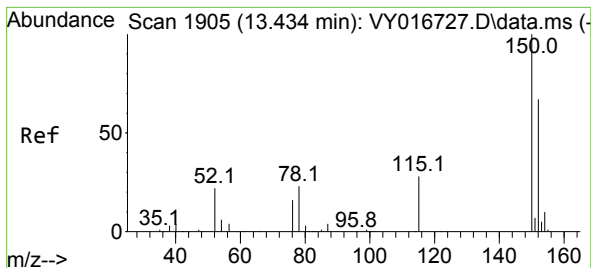
Tgt Ion: 95 Resp: 67137
Ion Ratio Lower Upper
95 100
174 79.9 0.0 160.0
176 76.2 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. 0.006 min
Lab File: VY016848.D
Acq: 26 Dec 2023 13:15

Tgt Ion: 117 Resp: 197743
Ion Ratio Lower Upper
117 100
82 53.5 43.8 65.8
119 31.0 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY016848.D

Acq: 26 Dec 2023 13:15

Instrument :

MSVOA_Y

ClientSampleId :

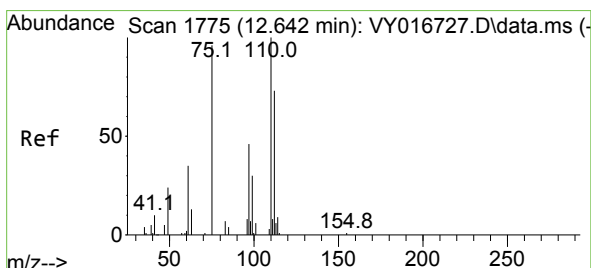
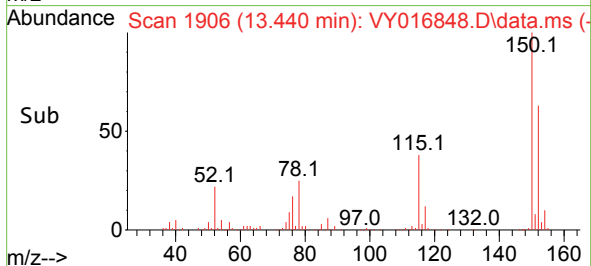
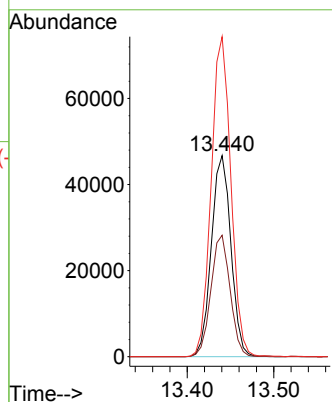
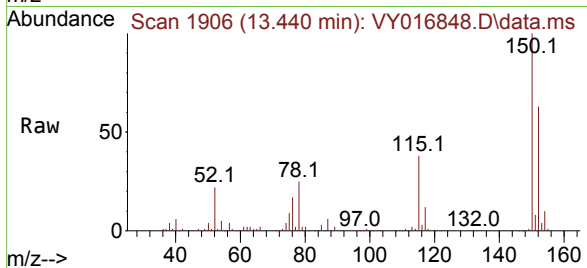
Tgt Ion:152 Resp: 73260

Ion Ratio Lower Upper

152 100

115 59.4 30.0 90.0

150 160.1 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 44.386 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. -0.146 min

Lab File: VY016848.D

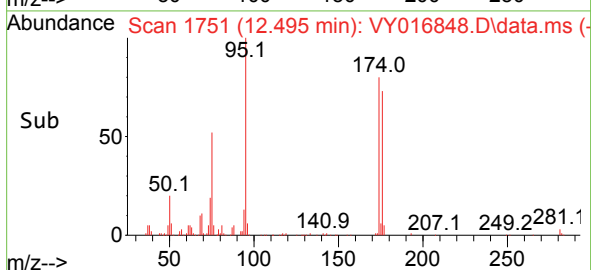
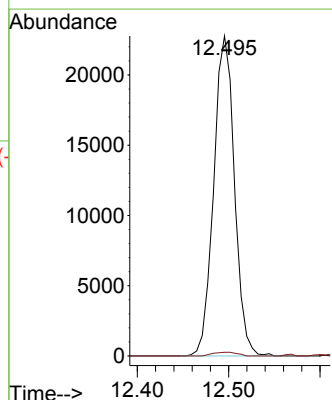
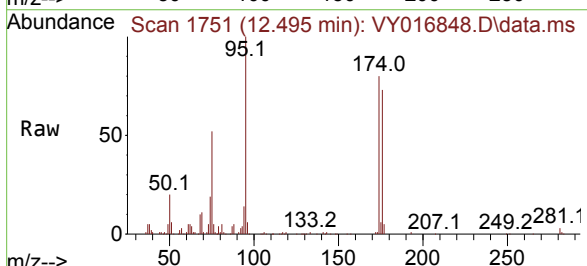
Acq: 26 Dec 2023 13:15

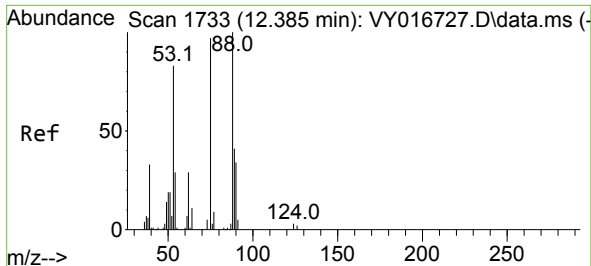
Tgt Ion: 75 Resp: 35946

Ion Ratio Lower Upper

75 100

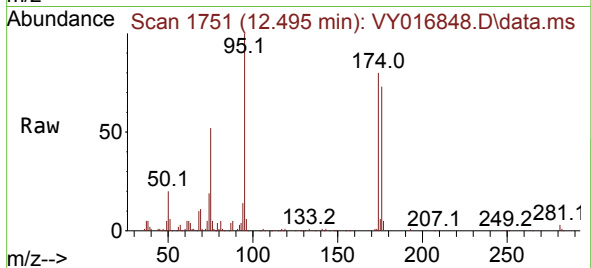
77 1.4 0.0 0.0#



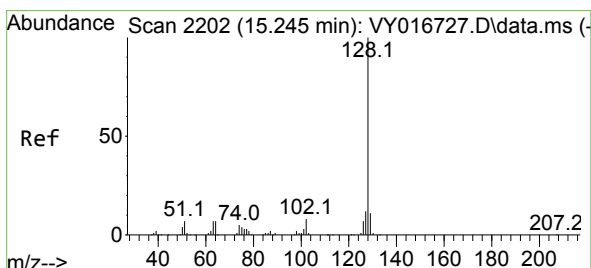
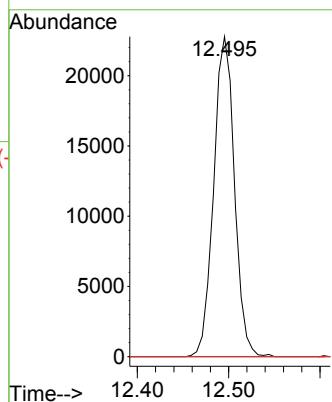
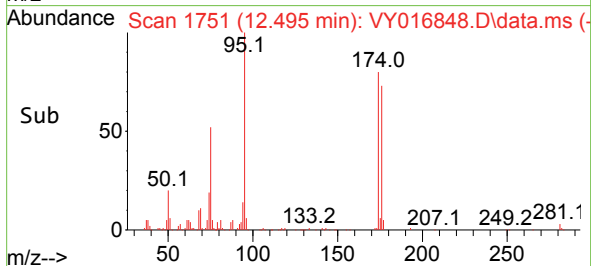


#81
trans-1,4-Dichloro-2-butene
Concen: 104.238 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.110 min
Lab File: VY016848.D
Acq: 26 Dec 2023 13:15

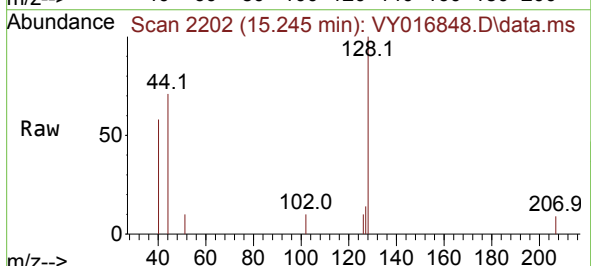
Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 35946
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#



#95
Naphthalene
Concen: 4.029 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. -0.000 min
Lab File: VY016848.D
Acq: 26 Dec 2023 13:15



Tgt Ion: 128 Resp: 1108
Ion Ratio Lower Upper
128 100
127 7.1 10.2 15.4#
129 3.6 8.6 12.8#

