

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
 Data File : VY016837.D
 Acq On : 23 Dec 2023 04:21
 Operator : SY/MD
 Sample : 05957-09
 Misc : 2.12g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 23 05:35:51 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)

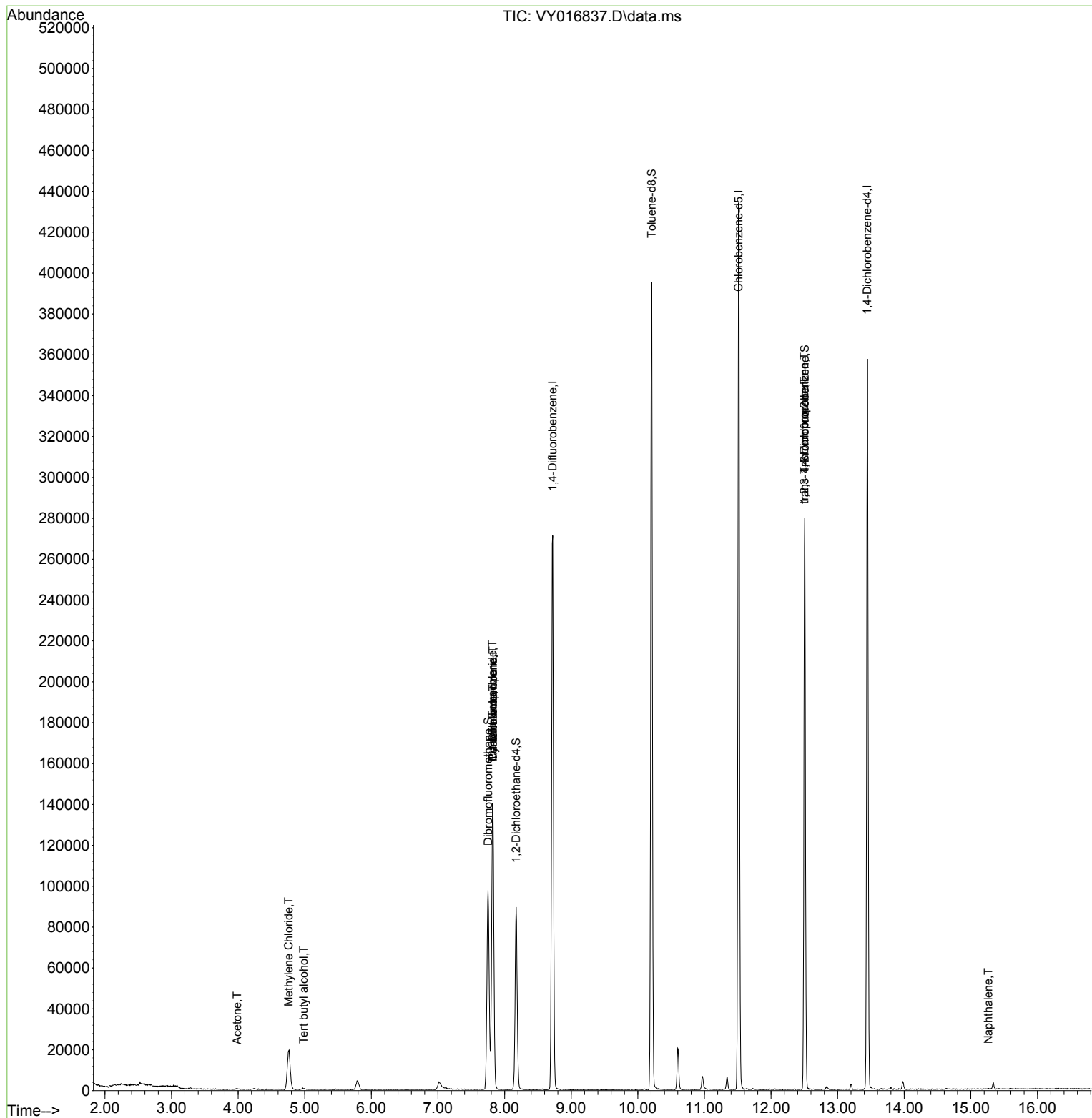
Internal Standards						
1) Pentafluorobenzene	7.826	168	106085	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.722	114	234992	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.514	117	234073	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.447	152	87991	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	66586	68.756	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 137.520%	
35) Dibromofluoromethane	7.752	113	70513	52.383	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.760%	
50) Toluene-d8	10.209	98	261136	53.815	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.620%	
62) 4-Bromofluorobenzene	12.508	95	83440	53.001	ug/l	0.02
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.000%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.985	59	395	4.975	ug/l #	75
16) Acetone	3.985	43	762	2.910	ug/l	90
20) Methylene Chloride	4.759	84	14808	8.387	ug/l	98
31) Cyclohexane	7.826	56	2433	1.311	ug/l #	31
36) 1,1-Dichloropropene	7.826	75	9065	4.201	ug/l #	50
38) Carbon Tetrachloride	7.819	117	10850	5.081	ug/l #	16
76) 1,2,3-Trichloropropane	12.502	75	44280	45.523	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.502	75	44280	106.908	ug/l #	12
95) Naphthalene	15.263	128	336	3.704	ug/l #	69

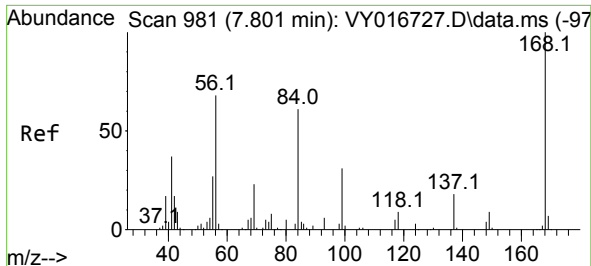
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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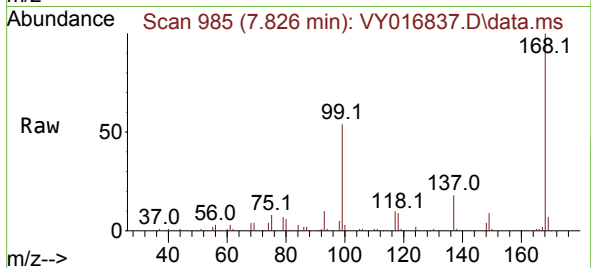
Quant Time: Dec 23 05:35:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
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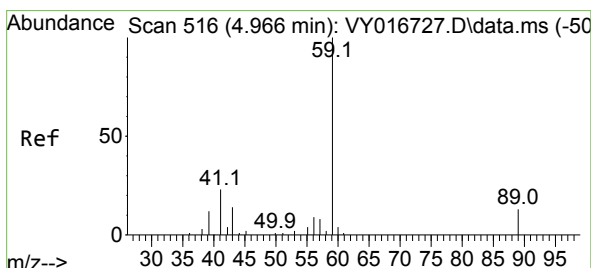
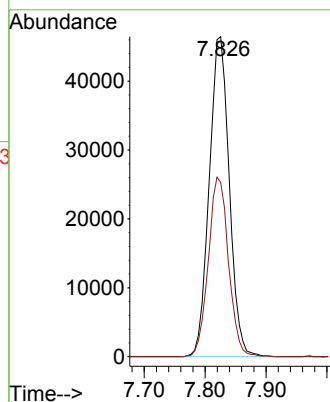
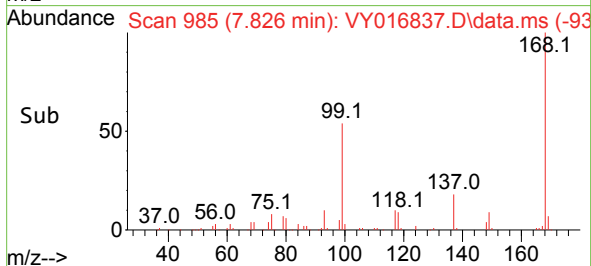


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.826 min Scan# 91
Delta R.T. 0.025 min
Lab File: VY016837.D
Acq: 23 Dec 2023 04:21

Instrument :
MSVOA_Y
ClientSampleId :

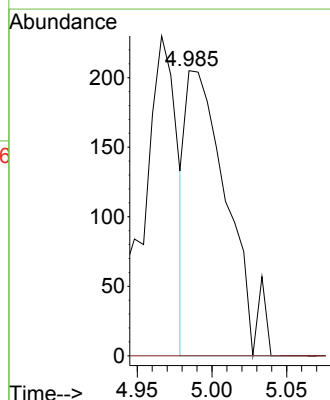
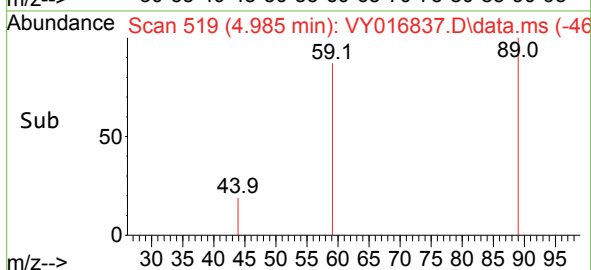
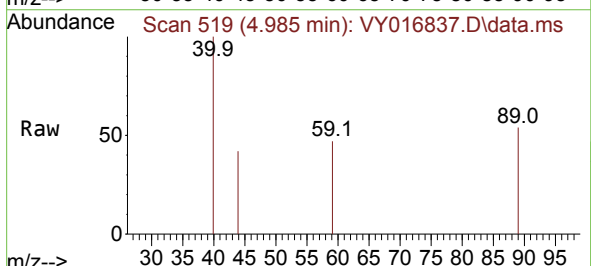


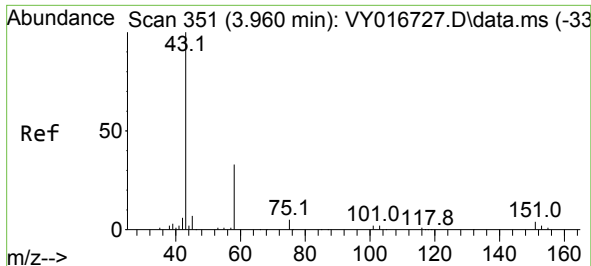
Tgt Ion:168 Resp: 106085
Ion Ratio Lower Upper
168 100
99 54.5 44.2 66.4



#11
Tert butyl alcohol
Concen: 4.975 ug/l
RT: 4.985 min Scan# 519
Delta R.T. 0.019 min
Lab File: VY016837.D
Acq: 23 Dec 2023 04:21

Tgt Ion: 59 Resp: 395
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: 2.910 ug/l

RT: 3.985 min Scan# 3

Delta R.T. 0.025 min

Lab File: VY016837.D

Acq: 23 Dec 2023 04:21

Instrument :

MSVOA_Y

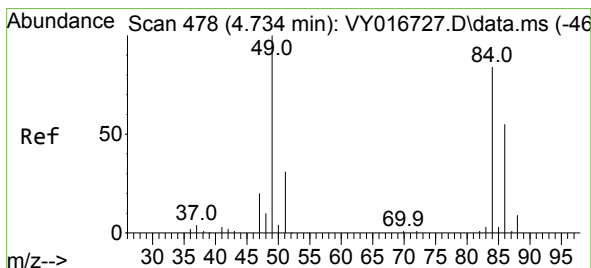
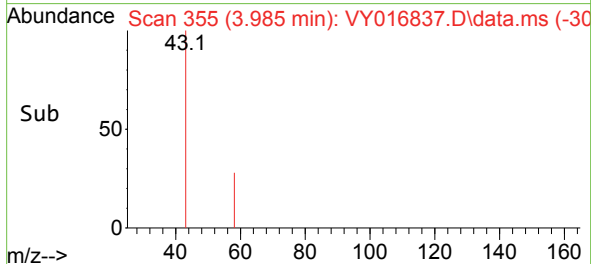
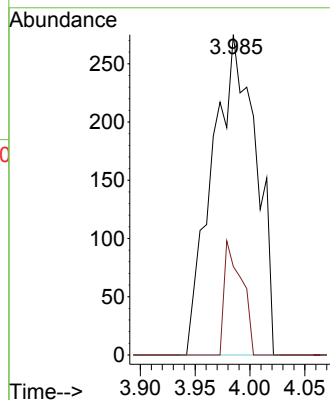
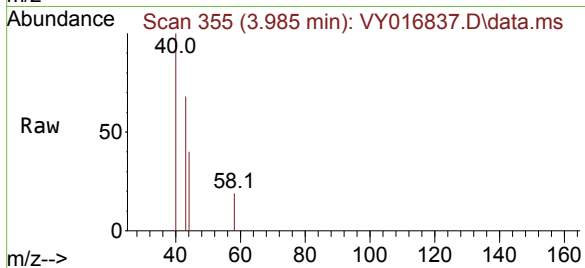
ClientSampleId :

Tgt Ion: 43 Resp: 762

Ion Ratio Lower Upper

43 100

58 27.6 26.6 39.8



#20

Methylene Chloride

Concen: 8.387 ug/l

RT: 4.759 min Scan# 482

Delta R.T. 0.025 min

Lab File: VY016837.D

Acq: 23 Dec 2023 04:21

Tgt Ion: 84 Resp: 14808

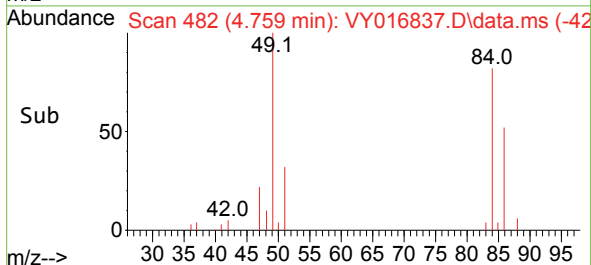
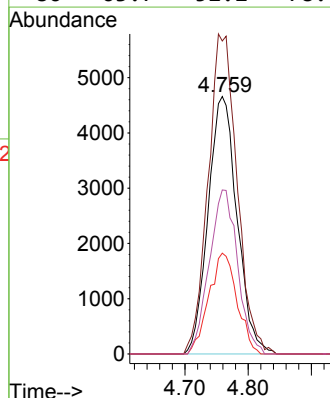
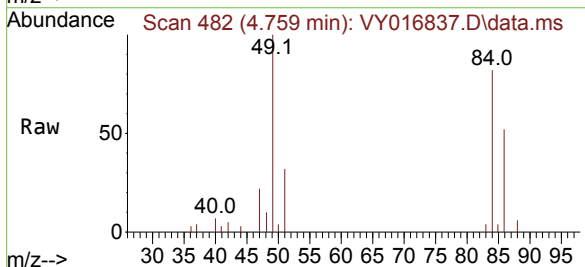
Ion Ratio Lower Upper

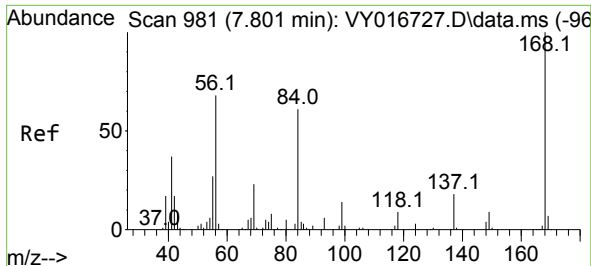
84 100

49 121.5 95.2 142.8

51 39.2 29.9 44.9

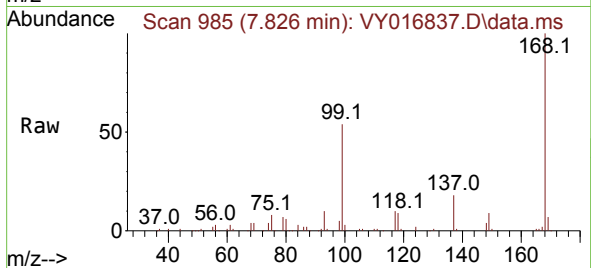
86 63.7 52.2 78.4



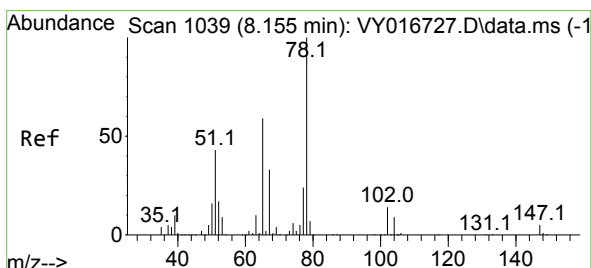
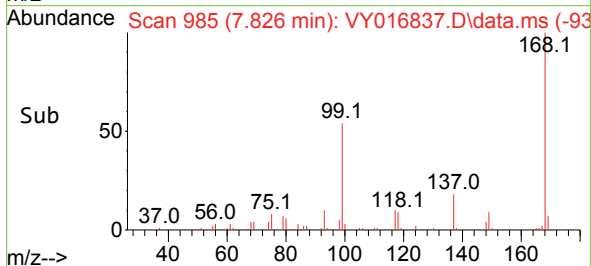
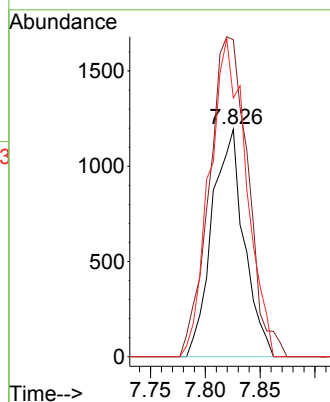


#31
Cyclohexane
Concen: 1.311 ug/l
RT: 7.826 min Scan# 91
Delta R.T. 0.025 min
Lab File: VY016837.D
Acq: 23 Dec 2023 04:21

Instrument :
MSVOA_Y
ClientSampleId :

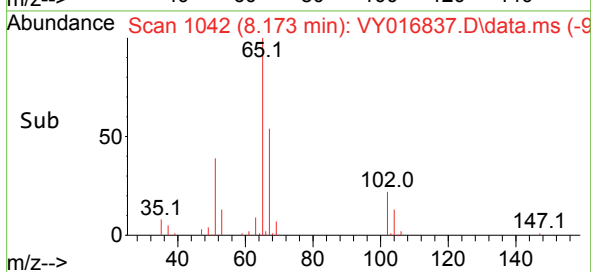
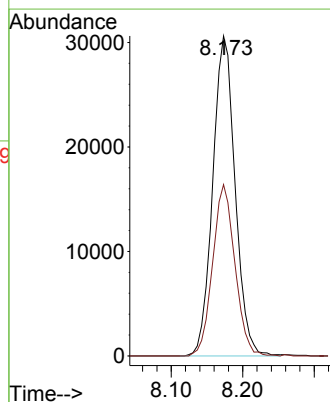
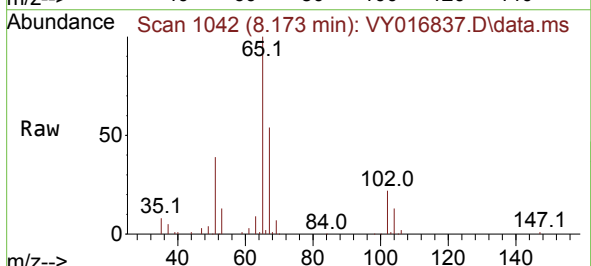


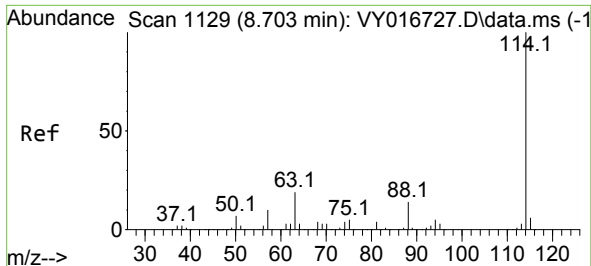
Tgt Ion: 56 Resp: 2433
Ion Ratio Lower Upper
56 100
69 139.4 27.0 40.6#
84 113.7 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 68.756 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.019 min
Lab File: VY016837.D
Acq: 23 Dec 2023 04:21

Tgt Ion: 65 Resp: 66586
Ion Ratio Lower Upper
65 100
67 53.2 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.722 min Scan# 1129

Delta R.T. 0.019 min

Lab File: VY016837.D

Acq: 23 Dec 2023 04:21

Instrument :

MSVOA_Y

ClientSampleId :

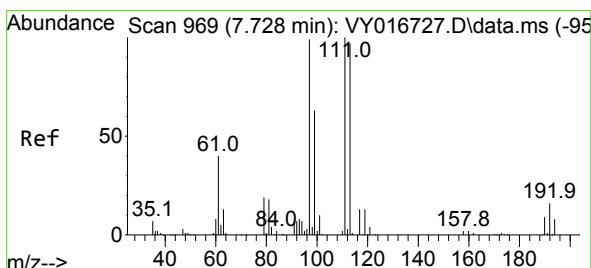
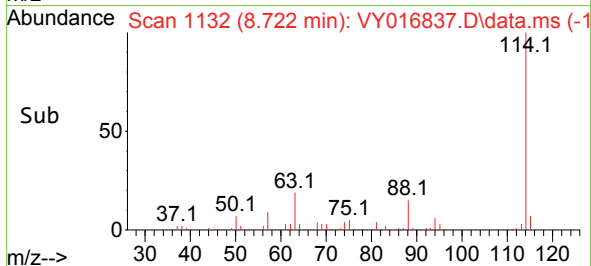
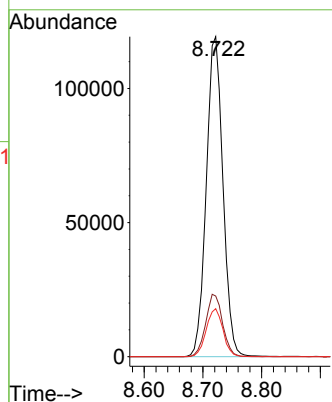
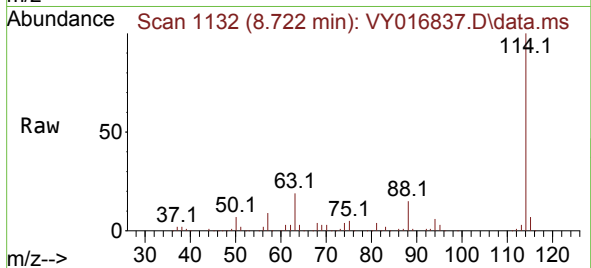
Tgt Ion:114 Resp: 234992

Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.4

88 15.0 0.0 29.0



#35

Dibromofluoromethane

Concen: 52.383 ug/l

RT: 7.752 min Scan# 973

Delta R.T. 0.025 min

Lab File: VY016837.D

Acq: 23 Dec 2023 04:21

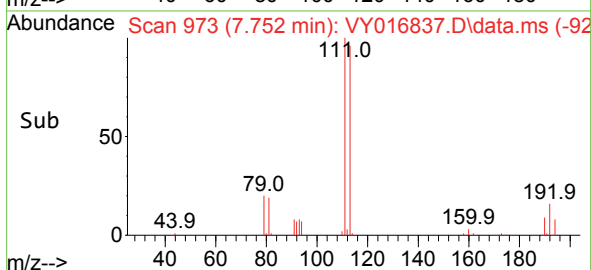
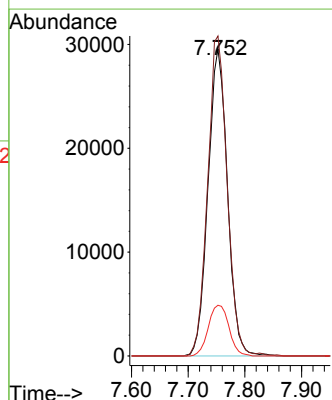
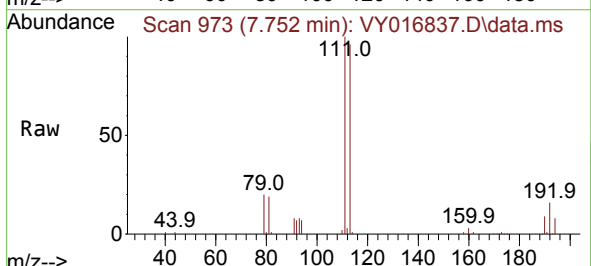
Tgt Ion:113 Resp: 70513

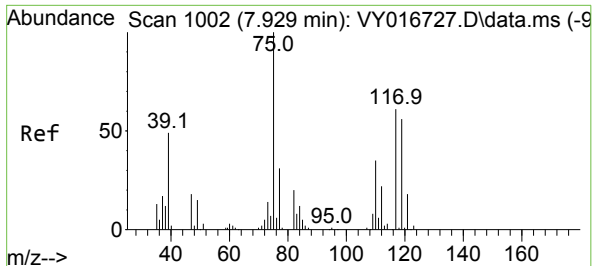
Ion Ratio Lower Upper

113 100

111 104.6 83.8 125.6

192 17.5 14.5 21.7





#36

1,1-Dichloropropene

Concen: 4.201 ug/l

RT: 7.826 min Scan# 90

Delta R.T. -0.103 min

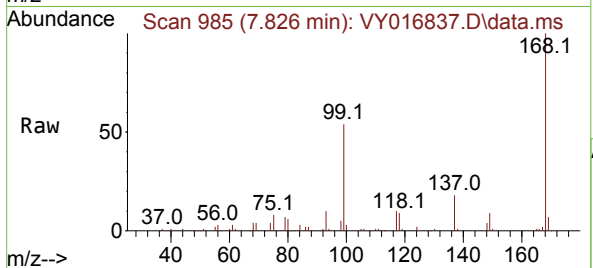
Lab File: VY016837.D

Acq: 23 Dec 2023 04:21

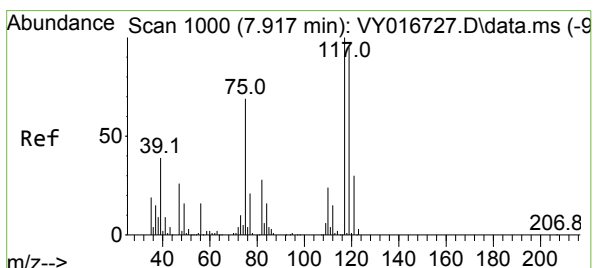
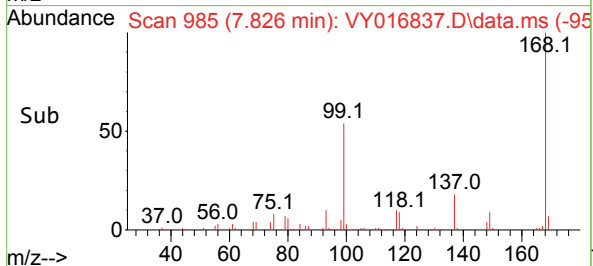
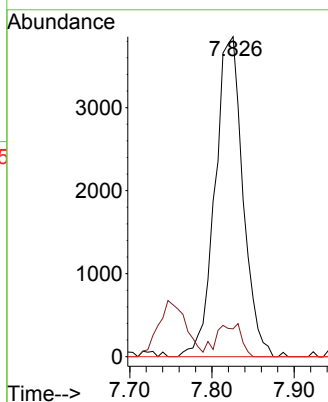
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 9065
Ion Ratio	Lower Upper
75	100
110	9.1 17.4 52.3#
77	0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.081 ug/l

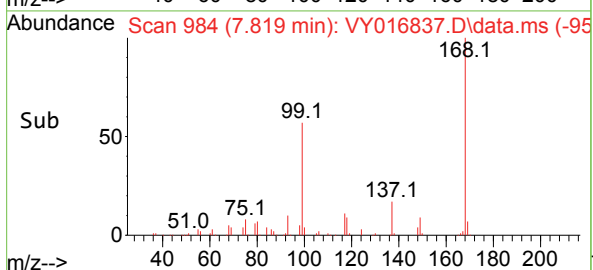
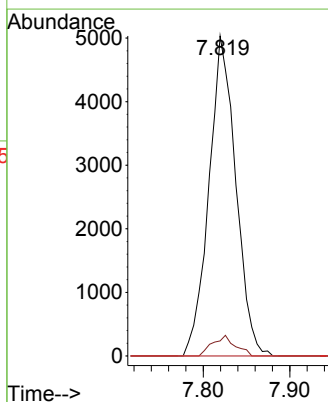
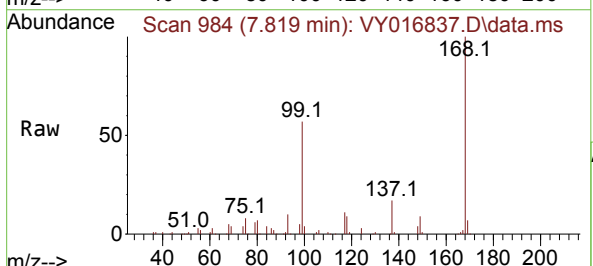
RT: 7.819 min Scan# 984

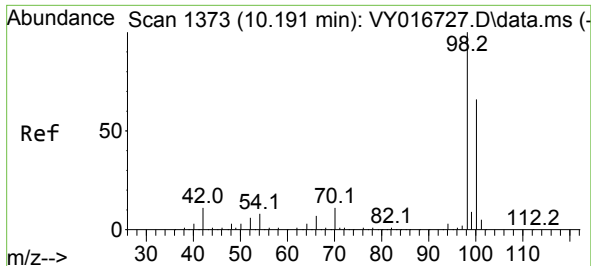
Delta R.T. -0.097 min

Lab File: VY016837.D

Acq: 23 Dec 2023 04:21

Tgt Ion: 117	Resp: 10850
Ion Ratio	Lower Upper
117	100
119	4.7 76.0 114.0#
121	0.0 24.2 36.2#

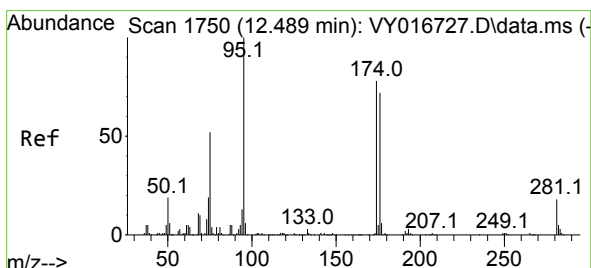
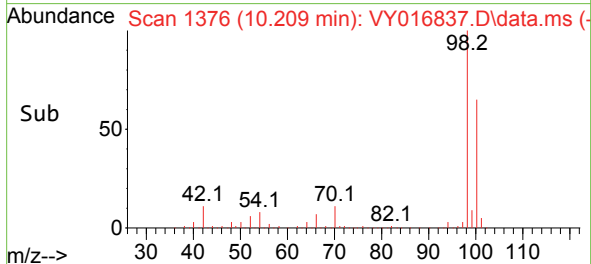
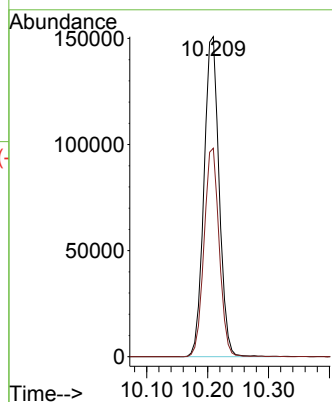
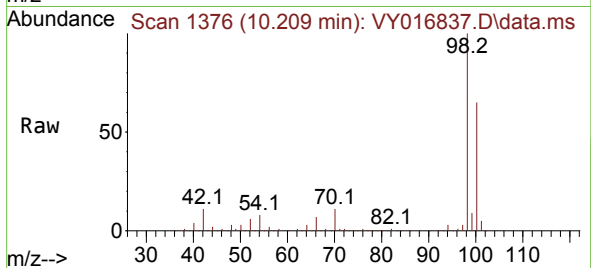




#50
Toluene-d8
Concen: 53.815 ug/l
RT: 10.209 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY016837.D
Acq: 23 Dec 2023 04:21

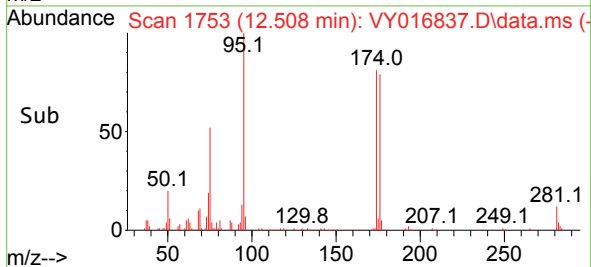
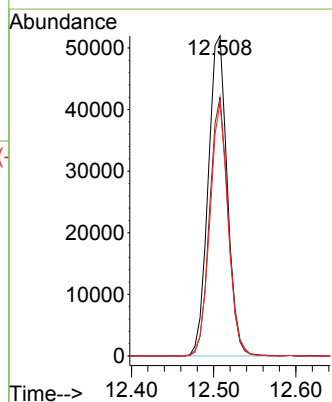
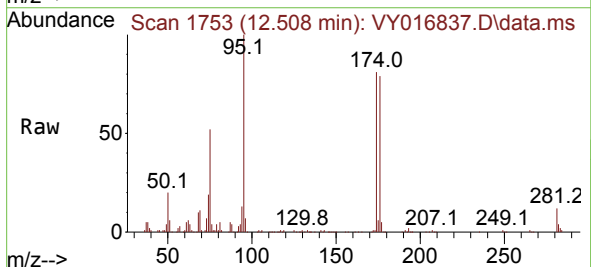
Instrument :
MSVOA_Y
ClientSampleId :

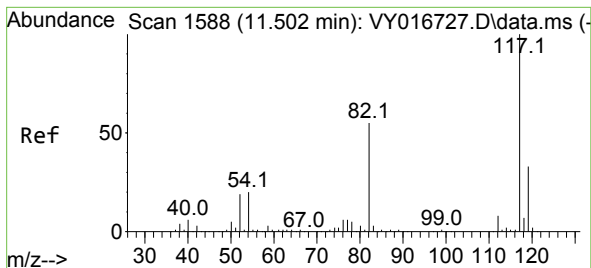
Tgt Ion: 98 Resp: 261136
Ion Ratio Lower Upper
98 100
100 65.0 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 53.001 ug/l
RT: 12.508 min Scan# 1753
Delta R.T. 0.019 min
Lab File: VY016837.D
Acq: 23 Dec 2023 04:21

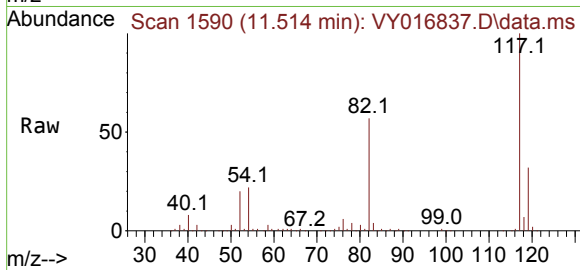
Tgt Ion: 95 Resp: 83440
Ion Ratio Lower Upper
95 100
174 79.2 0.0 160.0
176 75.3 0.0 151.8



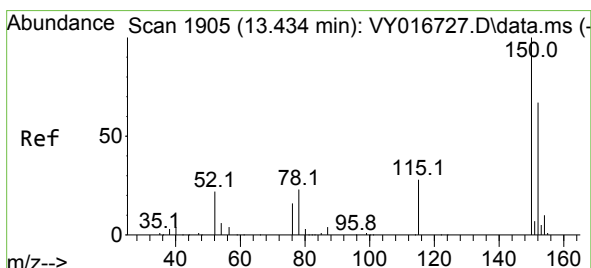
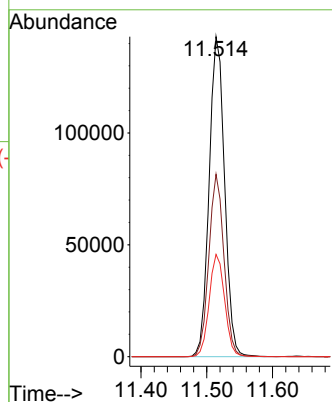
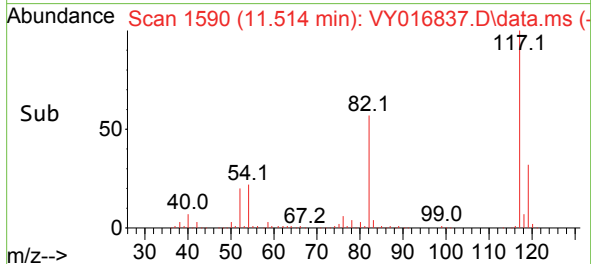


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016837.D
Acq: 23 Dec 2023 04:21

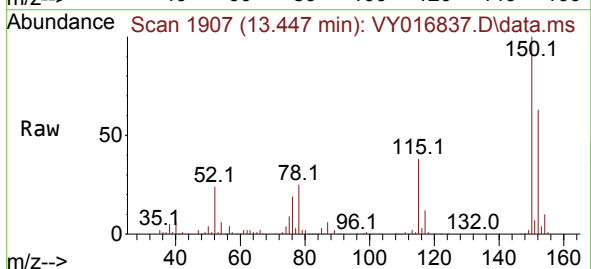
Instrument :
MSVOA_Y
ClientSampleId :



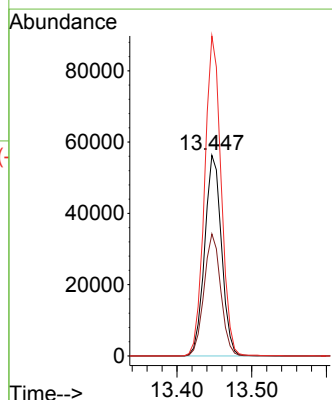
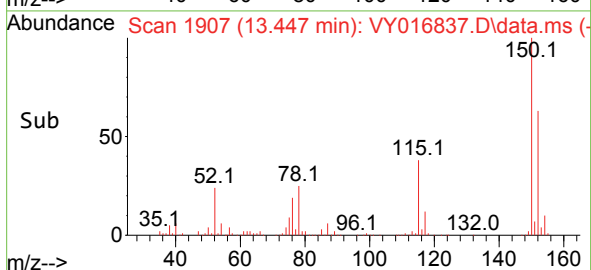
Tgt Ion:117 Resp: 234073
Ion Ratio Lower Upper
117 100
82 57.0 43.8 65.8
119 31.9 26.5 39.7

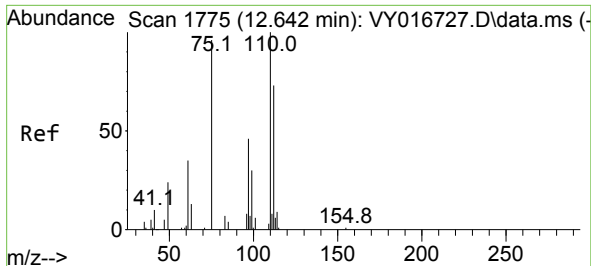


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.012 min
Lab File: VY016837.D
Acq: 23 Dec 2023 04:21



Tgt Ion:152 Resp: 87991
Ion Ratio Lower Upper
152 100
115 60.5 30.0 90.0
150 156.7 0.0 344.6

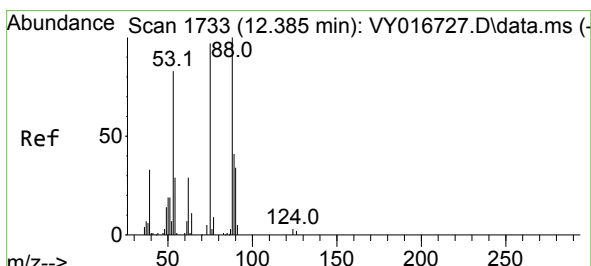
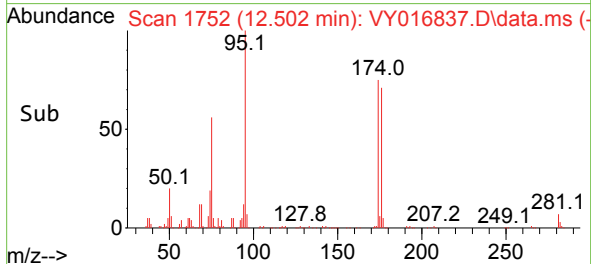
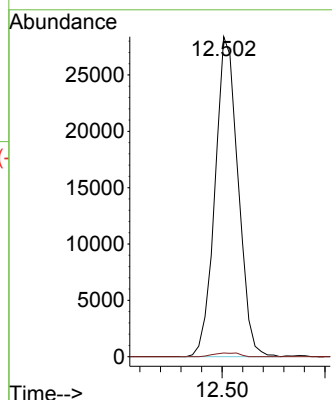
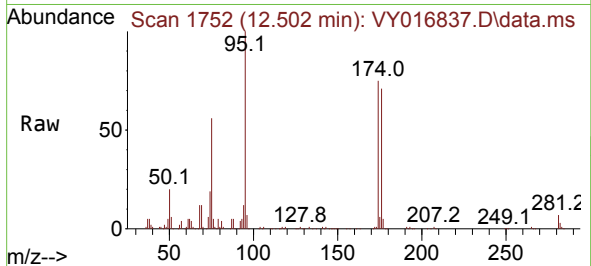




#76
1,2,3-Trichloropropane
Concen: 45.523 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. -0.140 min
Lab File: VY016837.D
Acq: 23 Dec 2023 04:21

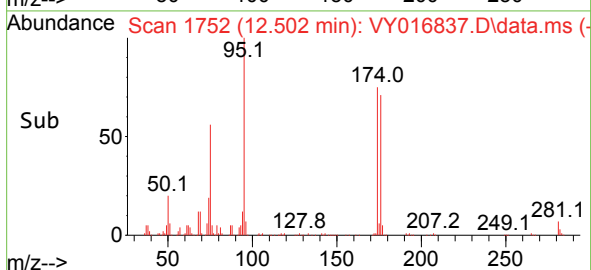
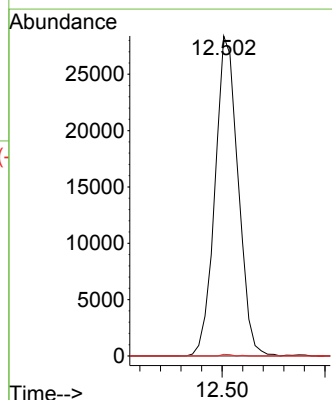
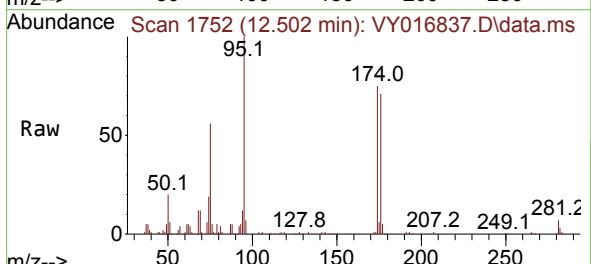
Instrument :
MSVOA_Y
ClientSampleId :

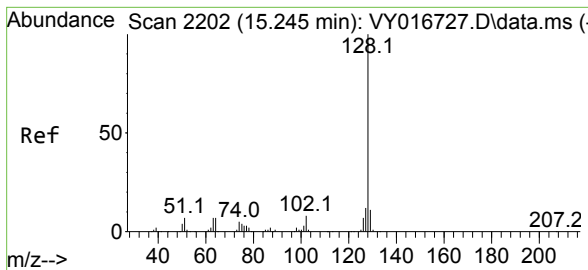
Tgt Ion: 75 Resp: 44280
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.908 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. 0.116 min
Lab File: VY016837.D
Acq: 23 Dec 2023 04:21

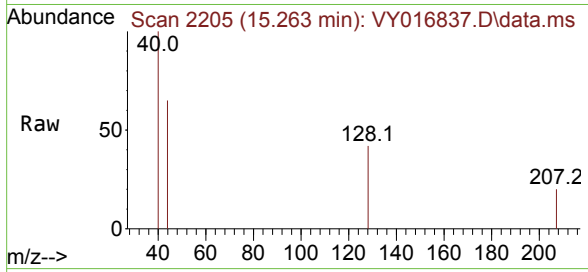
Tgt Ion: 75 Resp: 44280
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.3 36.5 54.7#





#95
 Naphthalene
 Concen: 3.704 ug/l
 RT: 15.263 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: VY016837.D
 Acq: 23 Dec 2023 04:21

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	128	Resp:	336
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.4#
129	0.0	8.6	12.8#

