

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
 Data File : VY016828.D
 Acq On : 22 Dec 2023 23:01
 Operator : SY/MD
 Sample : 05957-05
 Misc : 3.56g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 23 00:56:15 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)

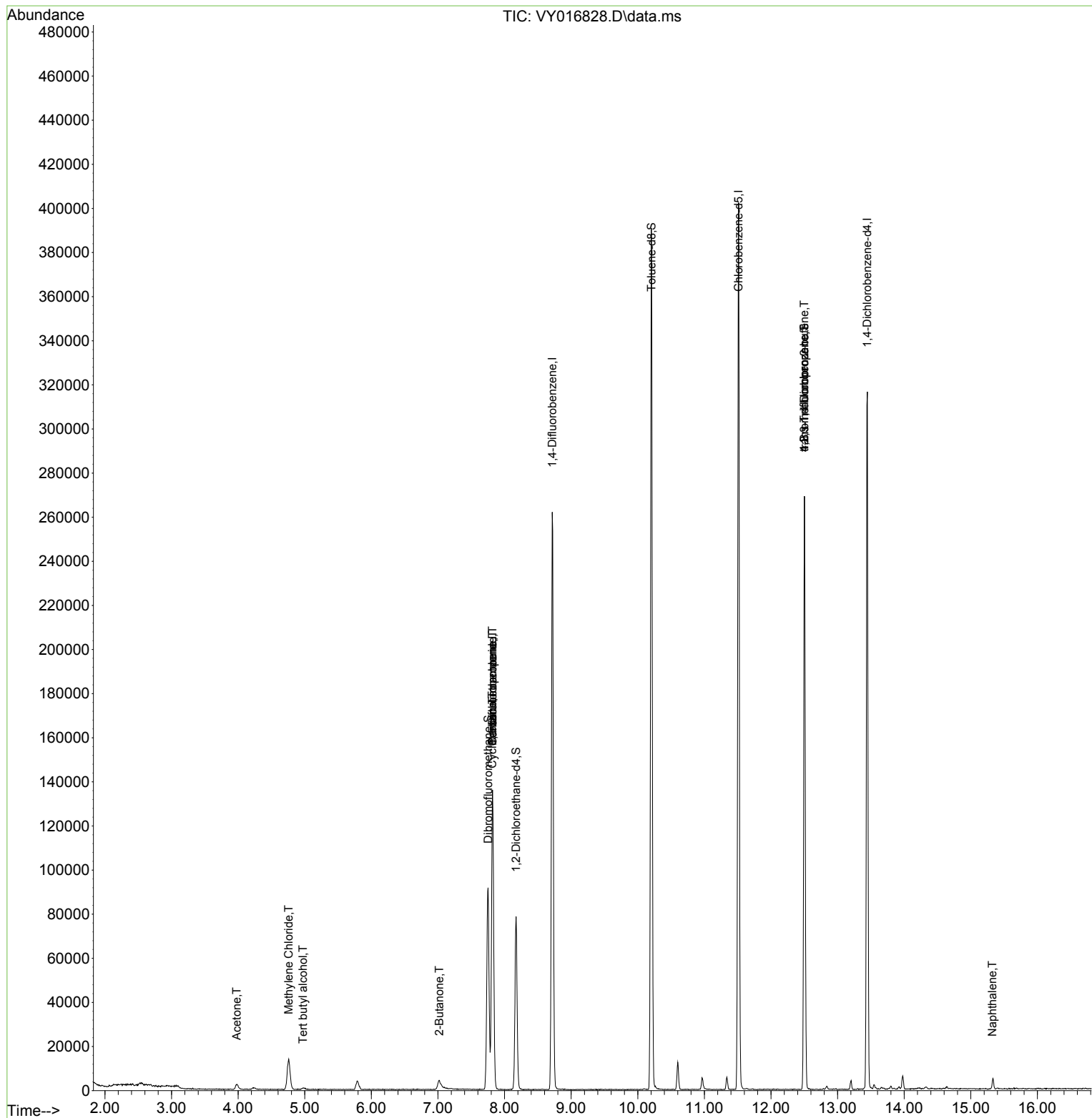
Internal Standards						
1) Pentafluorobenzene	7.820	168	100699	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	223319	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	219111	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.447	152	78625	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	58941	64.117	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.240%	
35) Dibromofluoromethane	7.752	113	67025	52.395	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.780%	
50) Toluene-d8	10.203	98	252183	54.686	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.380%	
62) 4-Bromofluorobenzene	12.502	95	77607	51.873	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.740%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	1308	17.354	ug/l #	79
16) Acetone	3.979	43	4421	17.785	ug/l	90
20) Methylene Chloride	4.759	84	10882	5.820	ug/l	91
25) 2-Butanone	7.021	43	347	1.014	ug/l #	48
31) Cyclohexane	7.813	56	2490	1.414	ug/l #	13
36) 1,1-Dichloropropene	7.820	75	8509	4.149	ug/l #	49
38) Carbon Tetrachloride	7.820	117	10573	5.210	ug/l #	18
76) 1,2,3-Trichloropropane	12.502	75	41107	47.295	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.502	75	41107	111.070	ug/l #	13
95) Naphthalene	15.324	128	55	3.614	ug/l #	27

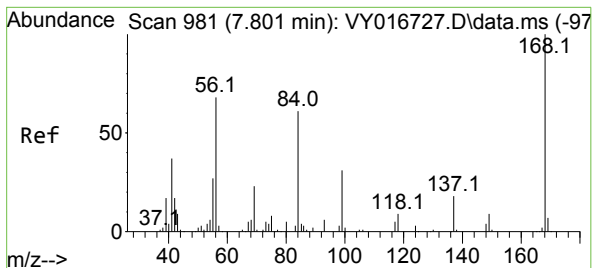
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
Data File : VY016828.D
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Misc : 3.56g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Dec 23 00:56:15 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: 7.820 min Scan# 9

Delta R.T. 0.019 min

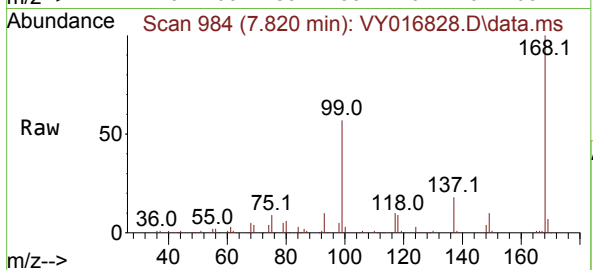
Lab File: VY016828.D

Acq: 22 Dec 2023 23:01

Instrument :

MSVOA_Y

ClientSampleId :

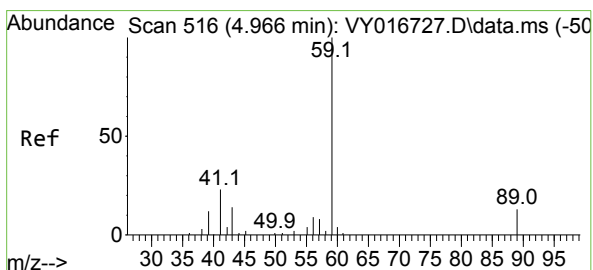
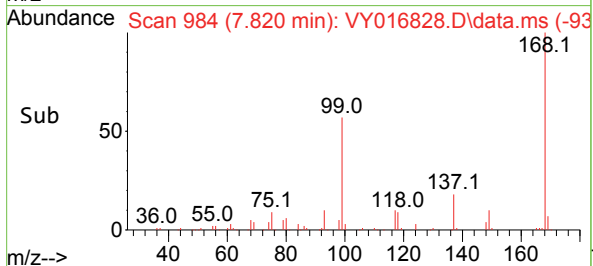
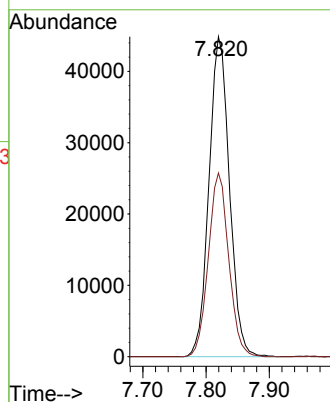


Tgt Ion:168 Resp: 100699

Ion Ratio Lower Upper

168 100

99 57.4 44.2 66.4



#11

Tert butyl alcohol

Concen: 17.354 ug/l

RT: 4.972 min Scan# 517

Delta R.T. 0.006 min

Lab File: VY016828.D

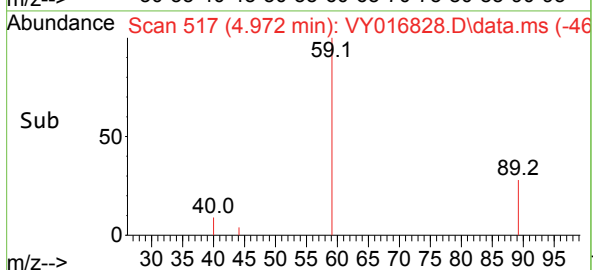
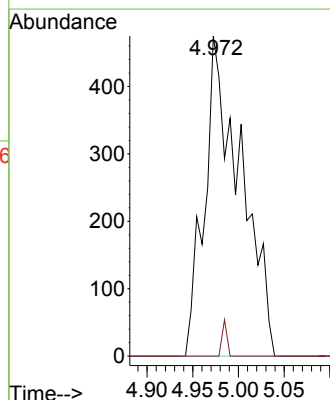
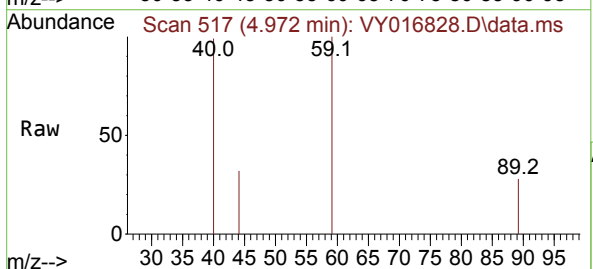
Acq: 22 Dec 2023 23:01

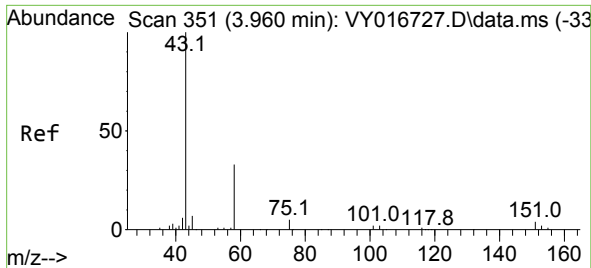
Tgt Ion: 59 Resp: 1308

Ion Ratio Lower Upper

59 100

57 1.5 7.4 11.0#

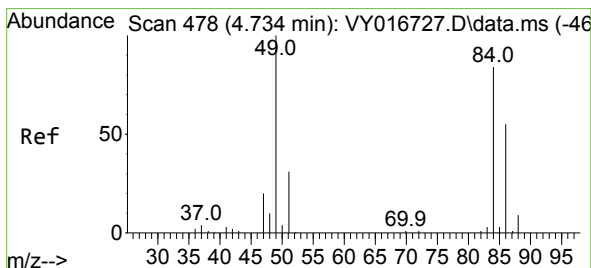
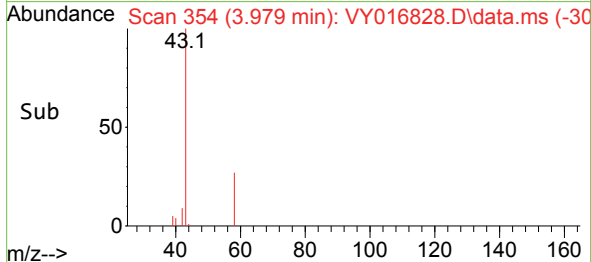
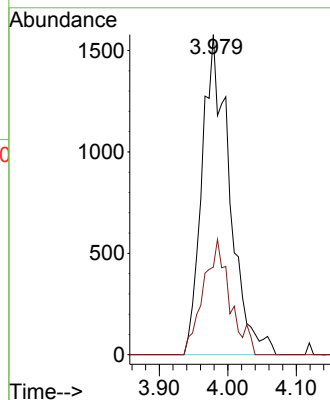
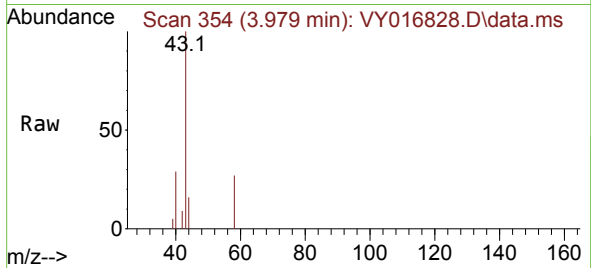




#16
Acetone
Concen: 17.785 ug/l
RT: 3.979 min Scan# 351
Delta R.T. 0.019 min
Lab File: VY016828.D
Acq: 22 Dec 2023 23:01

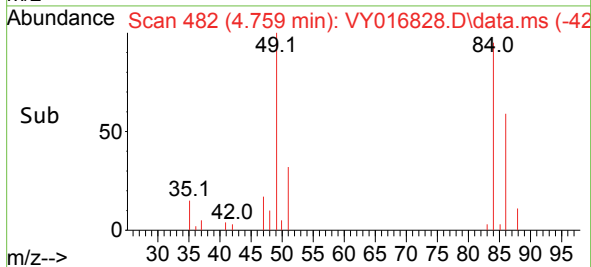
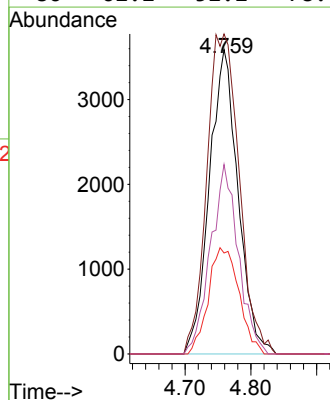
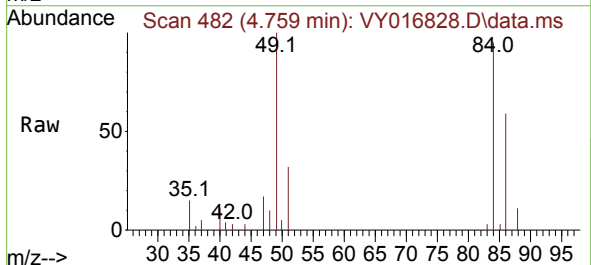
Instrument :
MSVOA_Y
ClientSampleId :

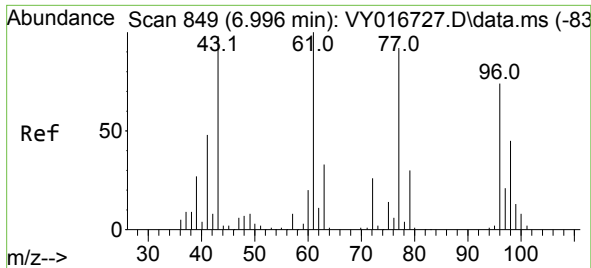
Tgt Ion: 43 Resp: 4421
Ion Ratio Lower Upper
43 100
58 27.4 26.6 39.8



#20
Methylene Chloride
Concen: 5.820 ug/l
RT: 4.759 min Scan# 482
Delta R.T. 0.025 min
Lab File: VY016828.D
Acq: 22 Dec 2023 23:01

Tgt Ion: 84 Resp: 10882
Ion Ratio Lower Upper
84 100
49 105.1 95.2 142.8
51 33.1 29.9 44.9
86 62.2 52.2 78.4

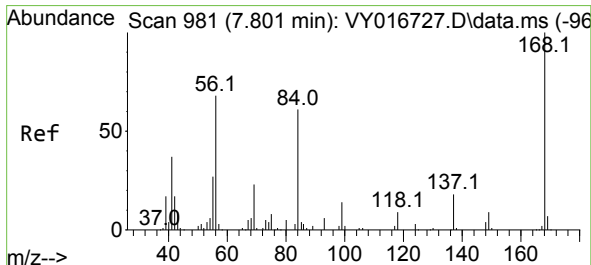
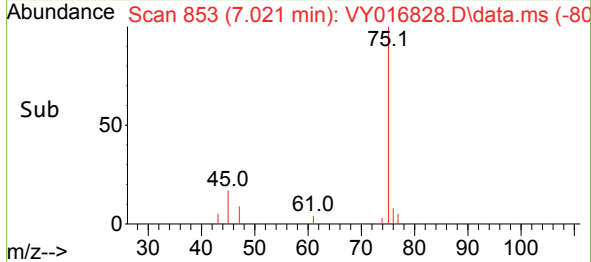
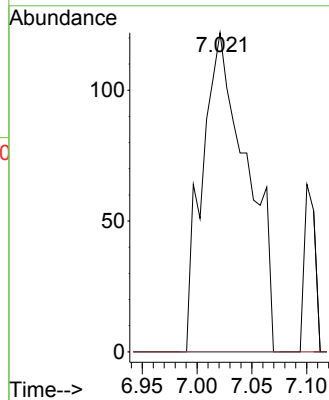
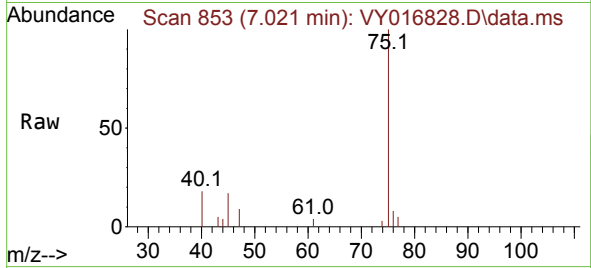




#25
2-Butanone
Concen: 1.014 ug/l
RT: 7.021 min Scan# 849
Delta R.T. 0.025 min
Lab File: VY016828.D
Acq: 22 Dec 2023 23:01

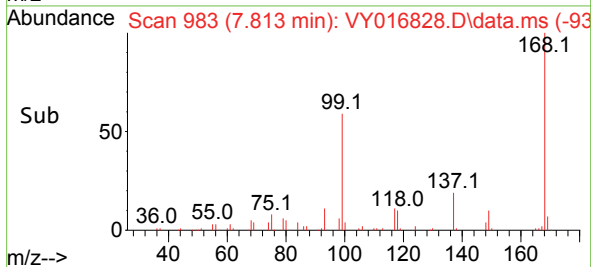
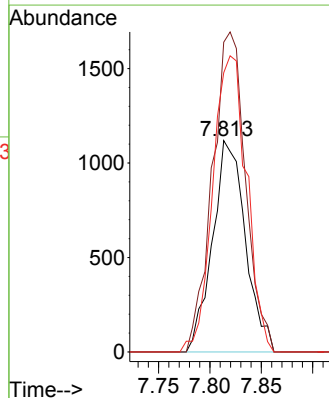
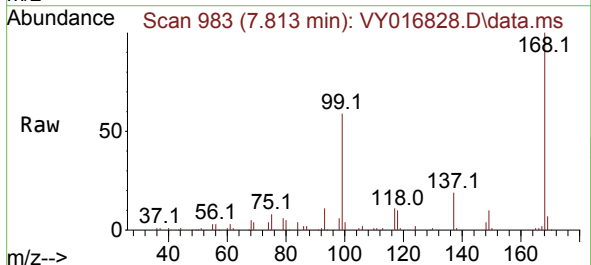
Instrument :
MSVOA_Y
ClientSampleId :

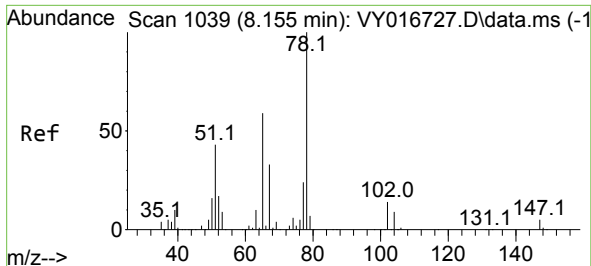
Tgt Ion: 43 Resp: 347
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.2#



#31
Cyclohexane
Concen: 1.414 ug/l
RT: 7.813 min Scan# 983
Delta R.T. 0.012 min
Lab File: VY016828.D
Acq: 22 Dec 2023 23:01

Tgt Ion: 56 Resp: 2490
Ion Ratio Lower Upper
56 100
69 146.6 27.0 40.6#
84 132.1 71.8 107.6#

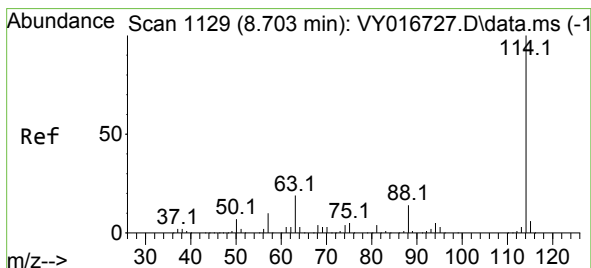
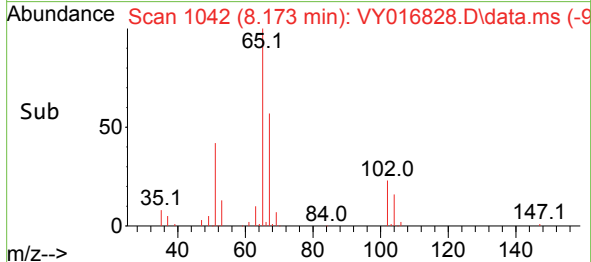
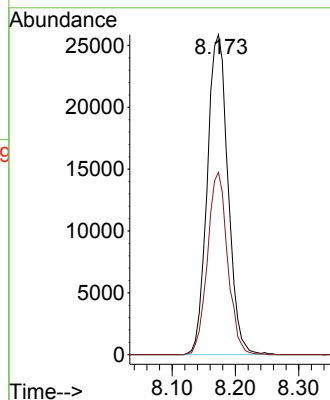
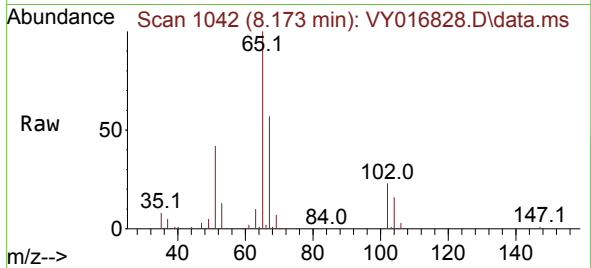




#33
 1,2-Dichloroethane-d4
 Concen: 64.117 ug/l
 RT: 8.173 min Scan# 110
 Delta R.T. 0.019 min
 Lab File: VY016828.D
 Acq: 22 Dec 2023 23:01

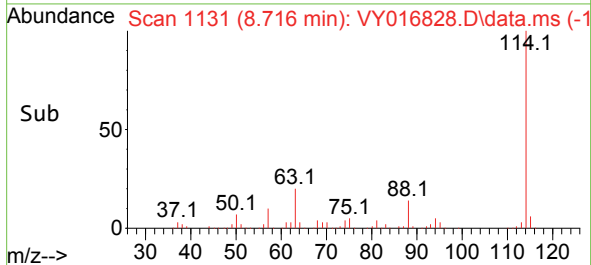
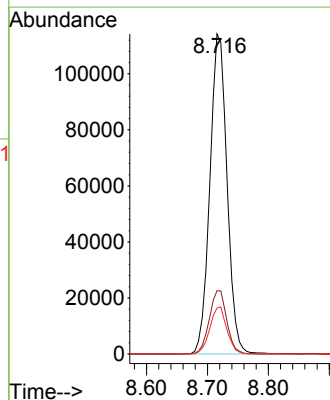
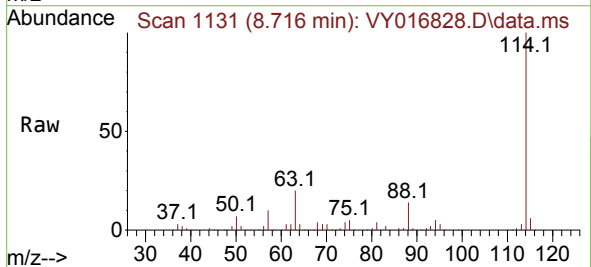
Instrument :
 MSVOA_Y
 ClientSampleId :

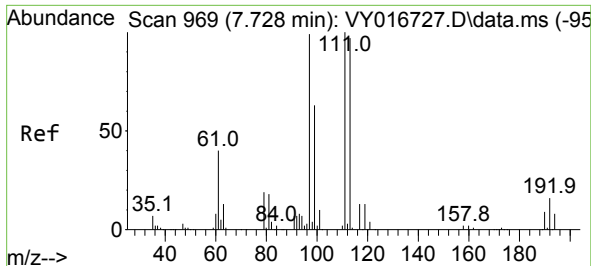
Tgt Ion: 65 Resp: 58941
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.716 min Scan# 1131
 Delta R.T. 0.013 min
 Lab File: VY016828.D
 Acq: 22 Dec 2023 23:01

Tgt Ion: 114 Resp: 223319
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 37.4
 88 14.3 0.0 29.0

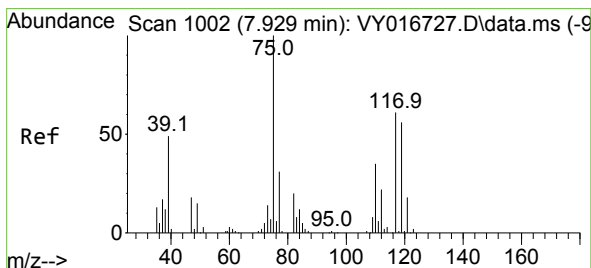
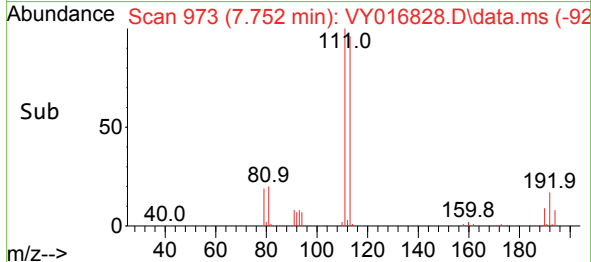
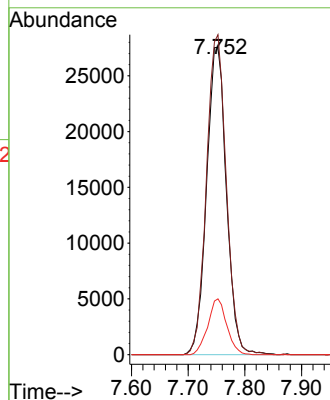
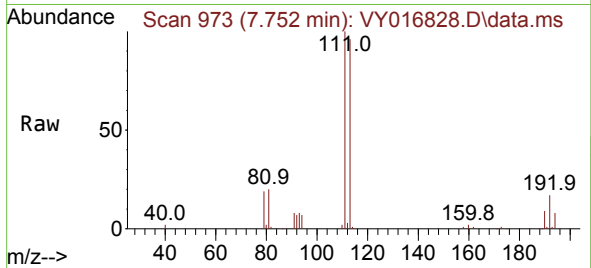




#35
Dibromofluoromethane
Concen: 52.395 ug/l
RT: 7.752 min Scan# 91
Delta R.T. 0.025 min
Lab File: VY016828.D
Acq: 22 Dec 2023 23:01

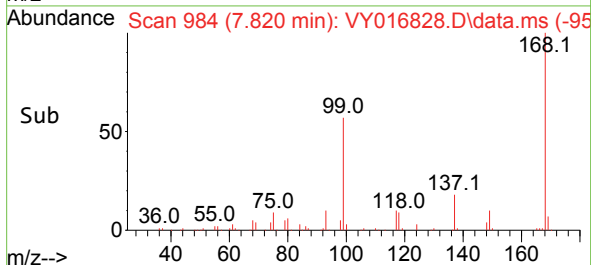
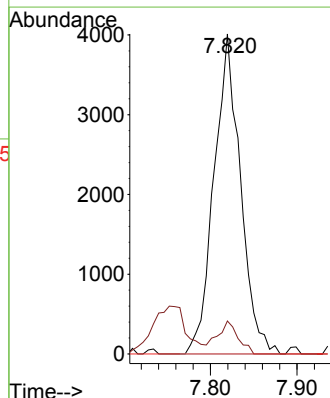
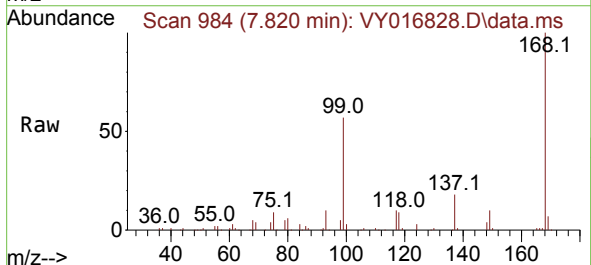
Instrument :
MSVOA_Y
ClientSampleId :

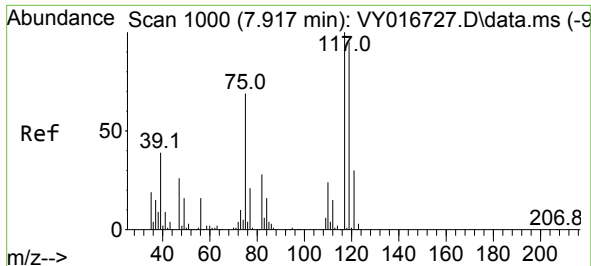
Tgt Ion:113 Resp: 67025
Ion Ratio Lower Upper
113 100
111 104.0 83.8 125.6
192 17.3 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.149 ug/l
RT: 7.820 min Scan# 984
Delta R.T. -0.109 min
Lab File: VY016828.D
Acq: 22 Dec 2023 23:01

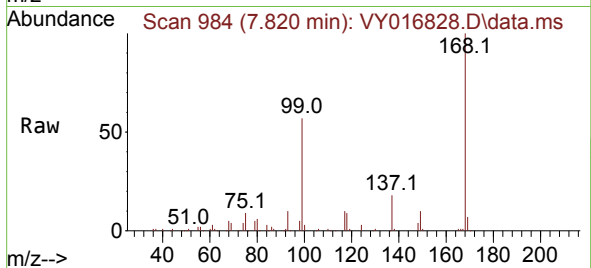
Tgt Ion: 75 Resp: 8509
Ion Ratio Lower Upper
75 100
110 8.0 17.4 52.3#
77 0.0 24.7 37.1#



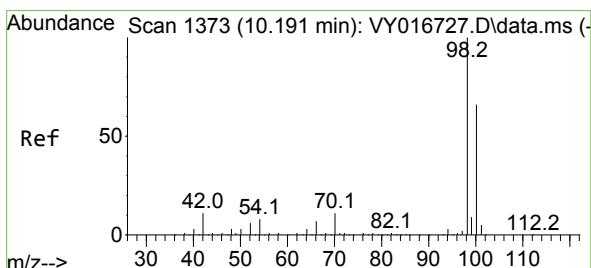
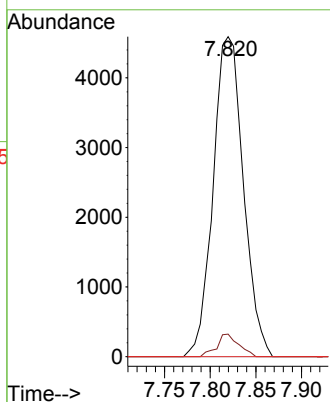
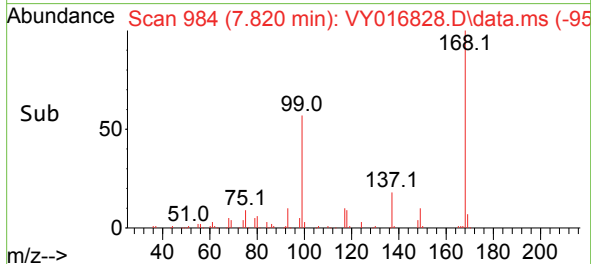


#38
Carbon Tetrachloride
Concen: 5.210 ug/l
RT: 7.820 min Scan# 91
Delta R.T. -0.097 min
Lab File: VY016828.D
Acq: 22 Dec 2023 23:01

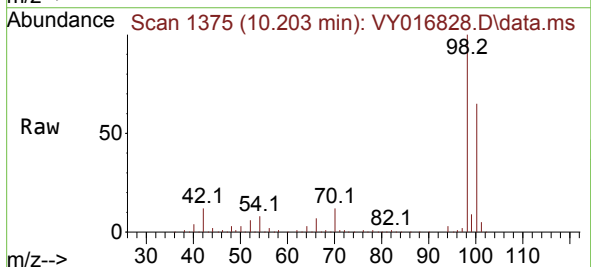
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ClientSampleId :



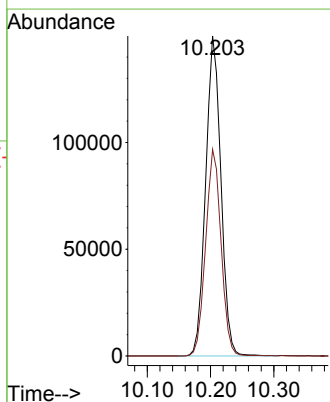
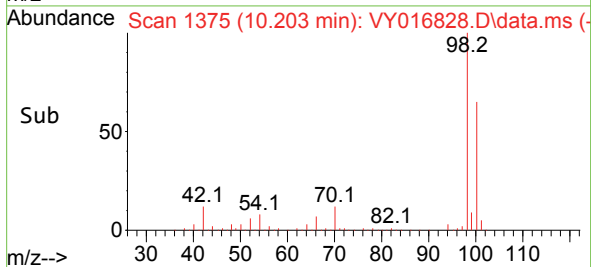
Tgt Ion:117 Resp: 10573
Ion Ratio Lower Upper
117 100
119 7.0 76.0 114.0#
121 0.0 24.2 36.2#

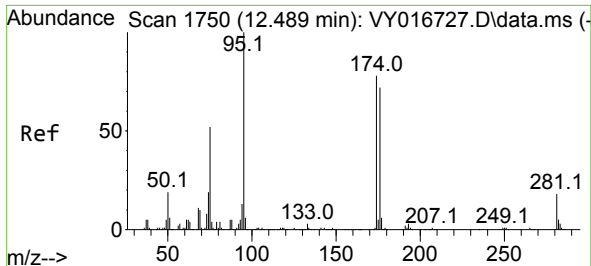


#50
Toluene-d8
Concen: 54.686 ug/l
RT: 10.203 min Scan# 1375
Delta R.T. 0.012 min
Lab File: VY016828.D
Acq: 22 Dec 2023 23:01



Tgt Ion: 98 Resp: 252183
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5

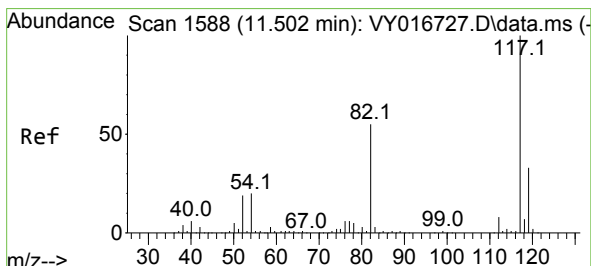
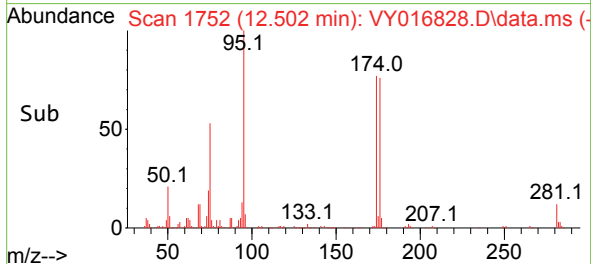
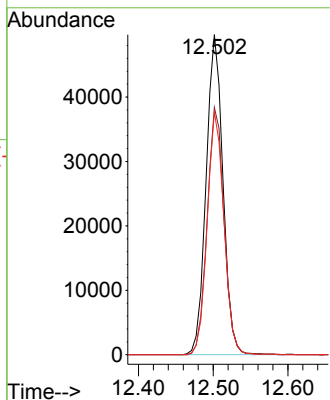
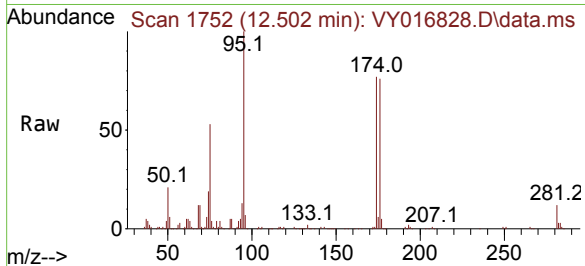




#62
4-Bromofluorobenzene
Concen: 51.873 ug/l
RT: 12.502 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016828.D
Acq: 22 Dec 2023 23:01

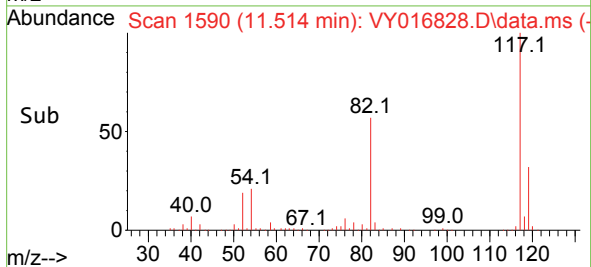
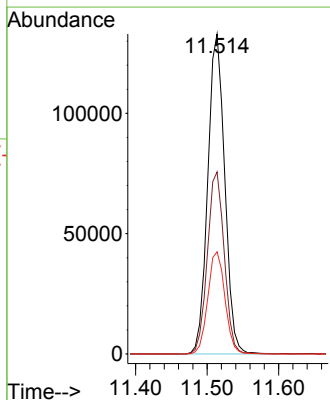
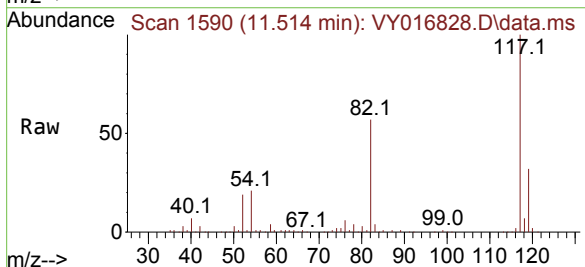
Instrument :
MSVOA_Y
ClientSampleId :

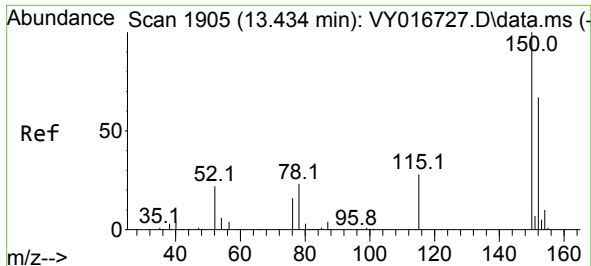
Tgt Ion: 95 Resp: 77607
Ion Ratio Lower Upper
95 100
174 77.9 0.0 160.0
176 75.3 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.012 min
Lab File: VY016828.D
Acq: 22 Dec 2023 23:01

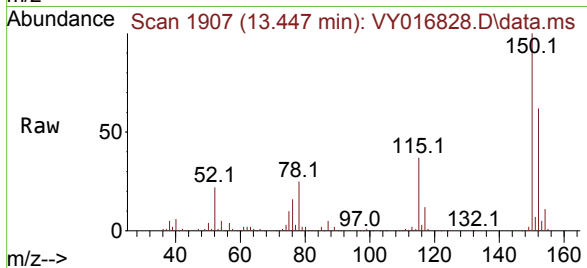
Tgt Ion: 117 Resp: 219111
Ion Ratio Lower Upper
117 100
82 56.9 43.8 65.8
119 32.0 26.5 39.7



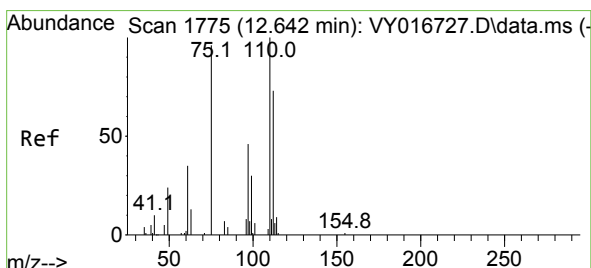
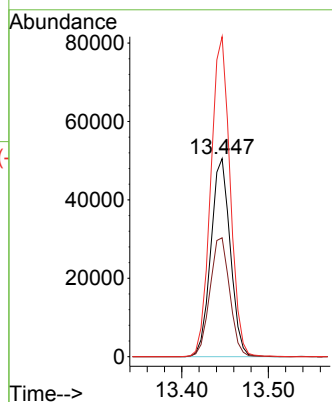
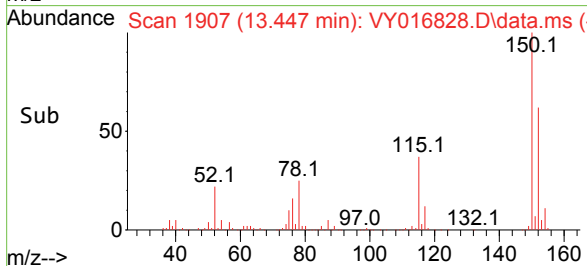


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.447 min Scan# 1905
Delta R.T. 0.012 min
Lab File: VY016828.D
Acq: 22 Dec 2023 23:01

Instrument :
MSVOA_Y
ClientSampleId :

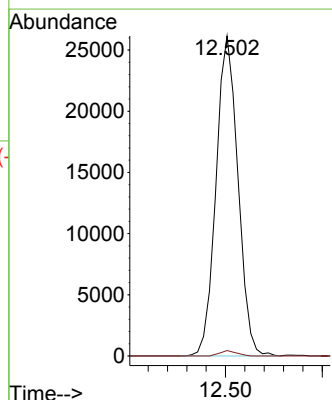
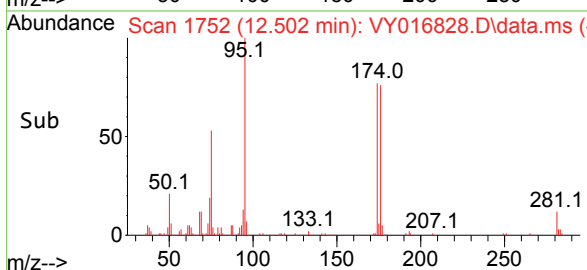
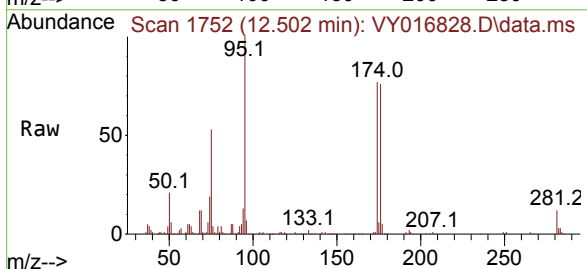


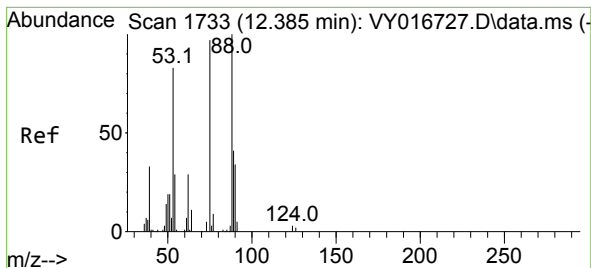
Tgt Ion:152 Resp: 78625
Ion Ratio Lower Upper
152 100
115 61.2 30.0 90.0
150 161.1 0.0 344.6



#76
1,2,3-Trichloropropane
Concen: 47.295 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. -0.140 min
Lab File: VY016828.D
Acq: 22 Dec 2023 23:01

Tgt Ion: 75 Resp: 41107
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

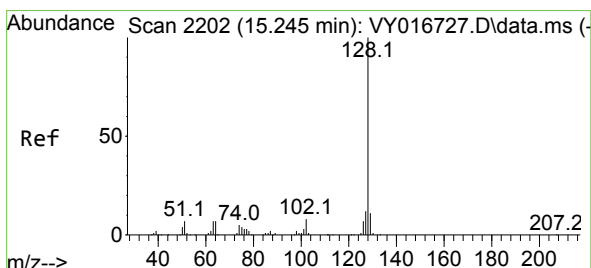
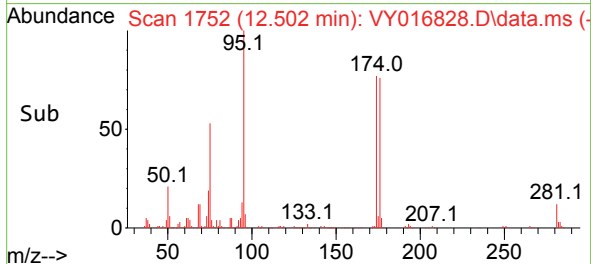
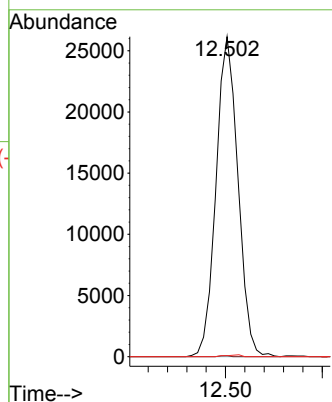
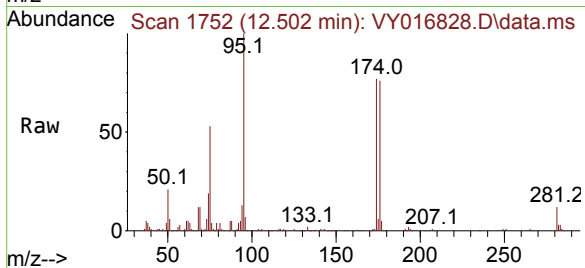




#81
trans-1,4-Dichloro-2-butene
Concen: 111.070 ug/l
RT: 12.502 min Scan# 11
Delta R.T. 0.116 min
Lab File: VY016828.D
Acq: 22 Dec 2023 23:01

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 41107
Ion Ratio Lower Upper
75 100
53 0.1 74.0 111.0#
89 0.4 36.5 54.7#



#95
Naphthalene
Concen: 3.614 ug/l
RT: 15.324 min Scan# 2215
Delta R.T. 0.079 min
Lab File: VY016828.D
Acq: 22 Dec 2023 23:01

Tgt Ion:128 Resp: 55
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 56.4 8.6 12.8#

