

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020524\
 Data File : VY017226.D
 Acq On : 05 Feb 2024 14:06
 Operator : SY/MD
 Sample : P1367-05
 Misc : 4.87g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EB-6-7-9

Quant Time: Feb 06 00:59:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

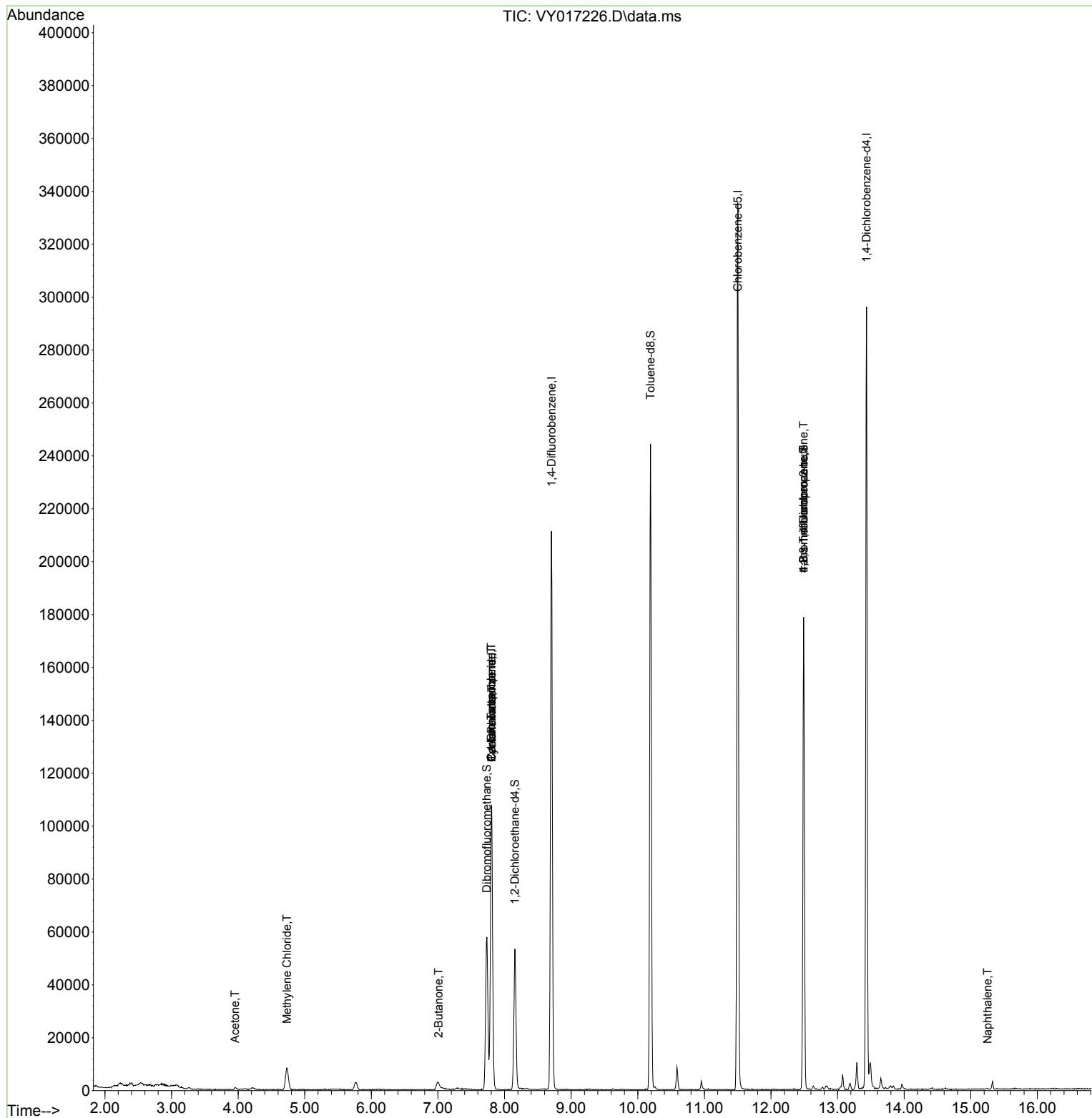
Internal Standards						
1) Pentafluorobenzene	7.807	168	83150	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.704	114	179175	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	182335	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	72219	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	39628	53.349	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.700%			
35) Dibromofluoromethane	7.734	113	42217	43.638	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 87.280%			
50) Toluene-d8	10.191	98	157490	44.712	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 89.420%			
62) 4-Bromofluorobenzene	12.489	95	53217	46.121	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 92.240%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.979	59	178	Below Cal	#	75
16) Acetone	3.954	43	1152	5.277	ug/l #	87
20) Methylene Chloride	4.735	84	6499	4.049	ug/l	86
25) 2-Butanone	7.009	43	341	1.175	ug/l #	48
31) Cyclohexane	7.807	56	1934	1.292	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	6935	4.156	ug/l #	48
38) Carbon Tetrachloride	7.801	117	8482	5.309	ug/l #	16
76) 1,2,3-Trichloropropane	12.489	75	28731	43.103	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	28731	89.562	ug/l #	12
95) Naphthalene	15.251	128	267	3.553	ug/l #	69

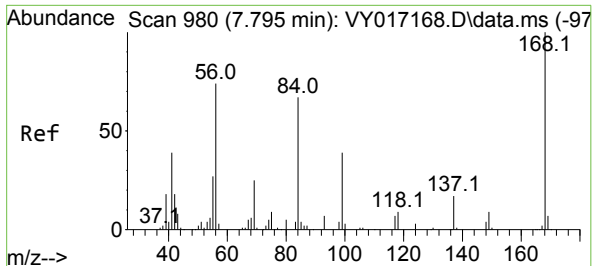
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020524\
Data File : VY017226.D
Acq On : 05 Feb 2024 14:06
Operator : SY/MD
Sample : P1367-05
Misc : 4.87g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EB-6-7-9

Quant Time: Feb 06 00:59:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 02 00:56:04 2024
Response via : Initial Calibration

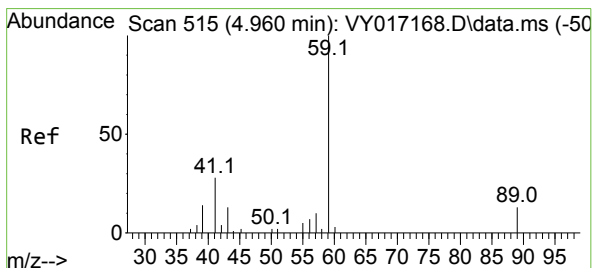
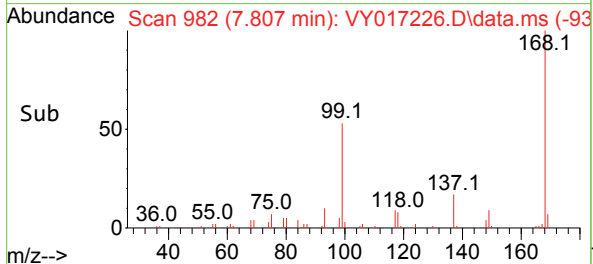
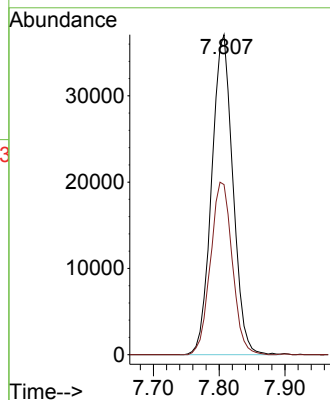
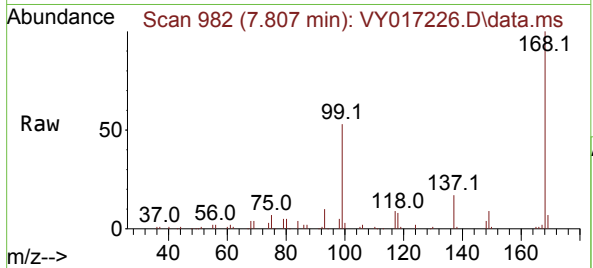




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 980
Delta R.T. 0.012 min
Lab File: VY017226.D
Acq: 05 Feb 2024 14:06

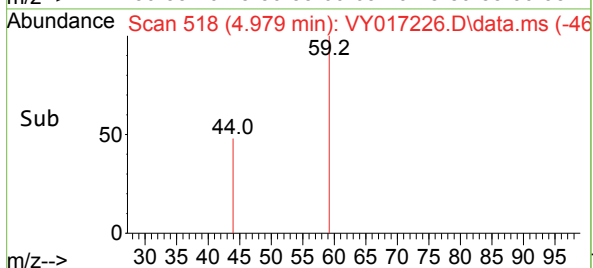
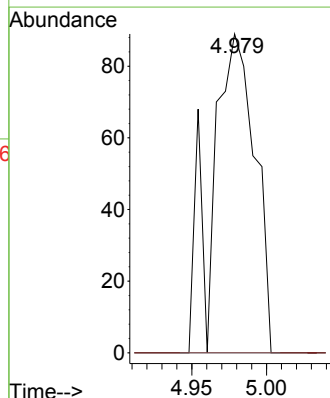
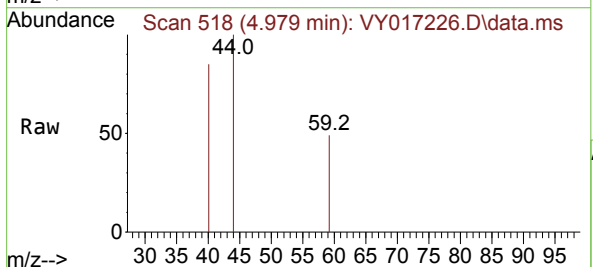
Instrument :
MSVOA_Y
ClientSampleId :
EB-6-7-9

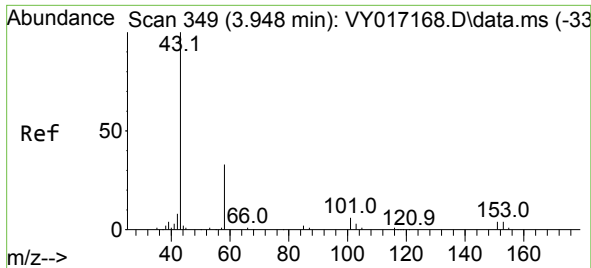
Tgt Ion:168 Resp: 83150
Ion Ratio Lower Upper
168 100
99 53.1 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.979 min Scan# 518
Delta R.T. 0.019 min
Lab File: VY017226.D
Acq: 05 Feb 2024 14:06

Tgt Ion: 59 Resp: 178
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: 5.277 ug/l

RT: 3.954 min Scan# 3

Delta R.T. 0.007 min

Lab File: VY017226.D

Acq: 05 Feb 2024 14:06

Instrument :

MSVOA_Y

ClientSampleId :

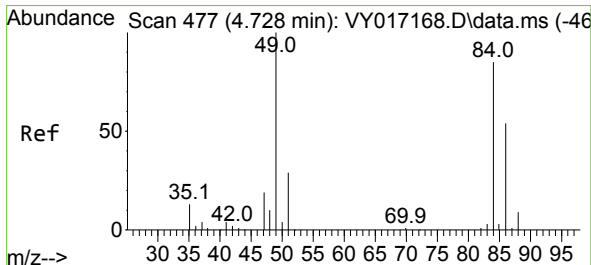
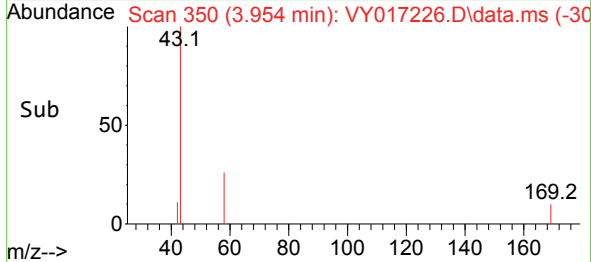
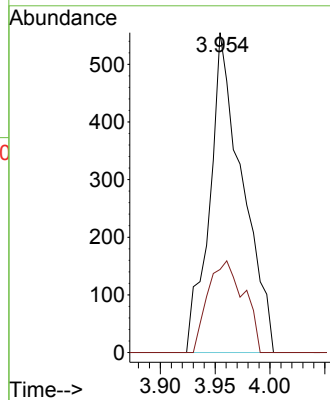
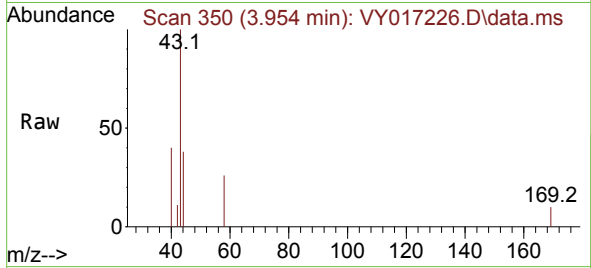
EB-6-7-9

Tgt Ion: 43 Resp: 1152

Ion Ratio Lower Upper

43 100

58 25.9 26.6 39.8#



#20

Methylene Chloride

Concen: 4.049 ug/l

RT: 4.735 min Scan# 478

Delta R.T. 0.007 min

Lab File: VY017226.D

Acq: 05 Feb 2024 14:06

Tgt Ion: 84 Resp: 6499

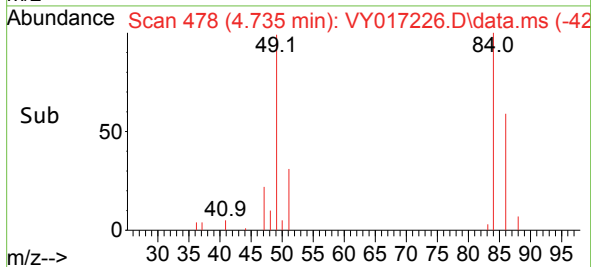
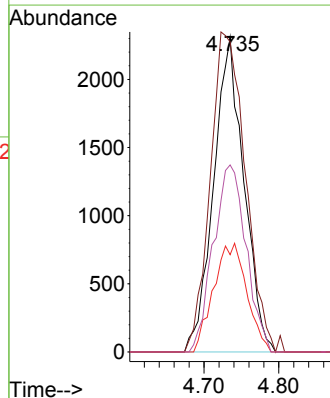
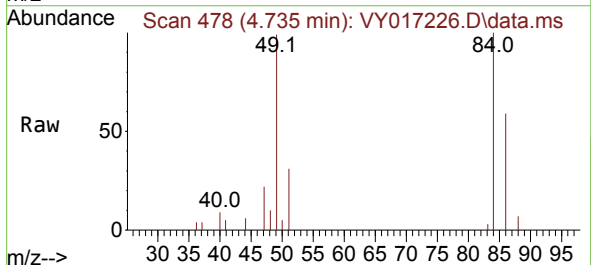
Ion Ratio Lower Upper

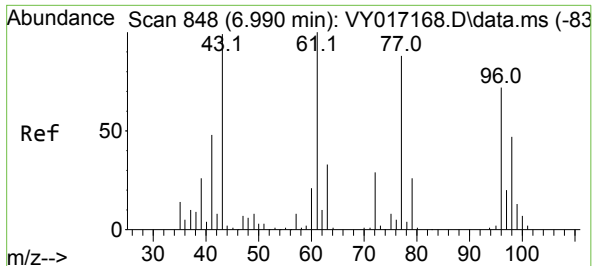
84 100

49 98.5 95.2 142.8

51 30.9 29.9 44.9

86 59.5 52.2 78.4





#25

2-Butanone

Concen: 1.175 ug/l

RT: 7.009 min Scan# 81

Delta R.T. 0.019 min

Lab File: VY017226.D

Acq: 05 Feb 2024 14:06

Instrument :

MSVOA_Y

ClientSampleId :

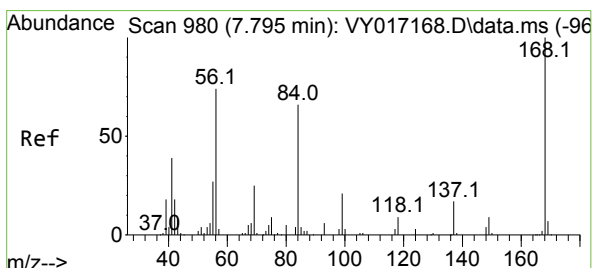
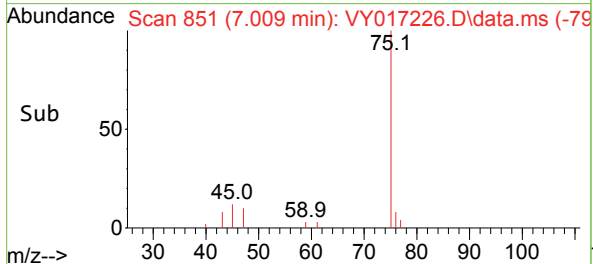
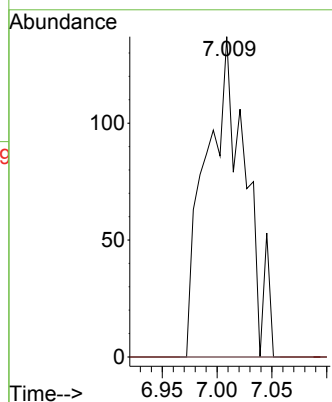
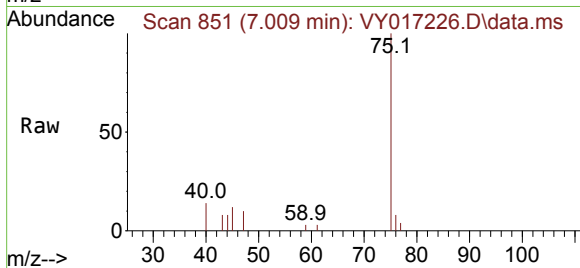
EB-6-7-9

Tgt Ion: 43 Resp: 341

Ion Ratio Lower Upper

43 100

72 0.0 21.4 32.2#



#31

Cyclohexane

Concen: 1.292 ug/l

RT: 7.807 min Scan# 982

Delta R.T. 0.013 min

Lab File: VY017226.D

Acq: 05 Feb 2024 14:06

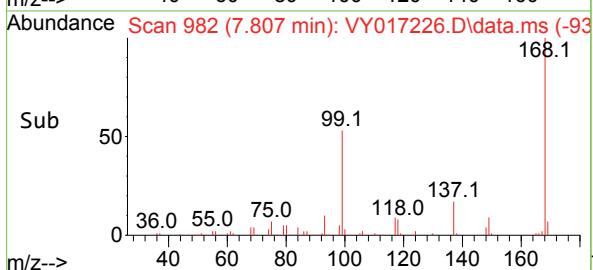
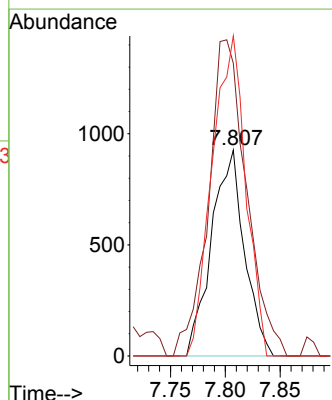
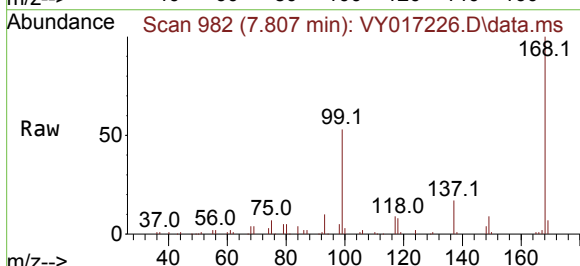
Tgt Ion: 56 Resp: 1934

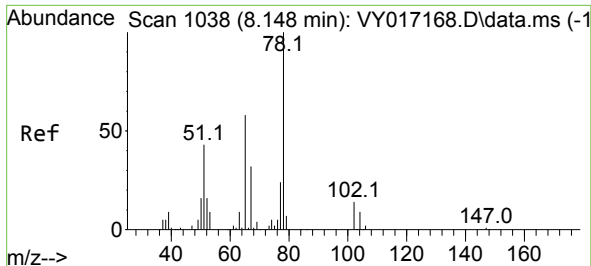
Ion Ratio Lower Upper

56 100

69 134.0 27.0 40.6#

84 155.3 71.8 107.6#

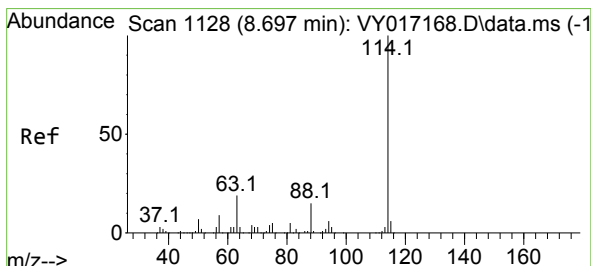
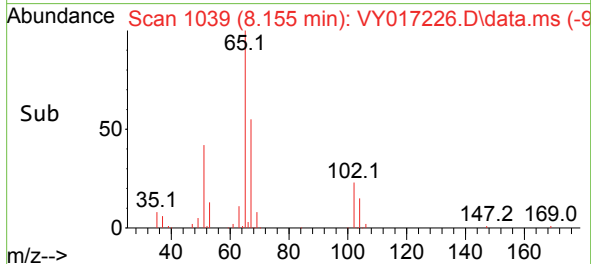
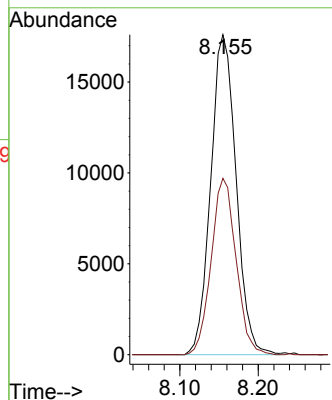
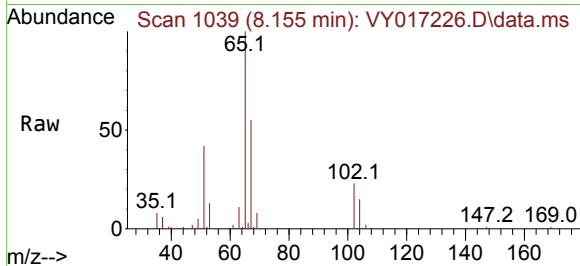




#33
1,2-Dichloroethane-d4
Concen: 53.349 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.007 min
Lab File: VY017226.D
Acq: 05 Feb 2024 14:06

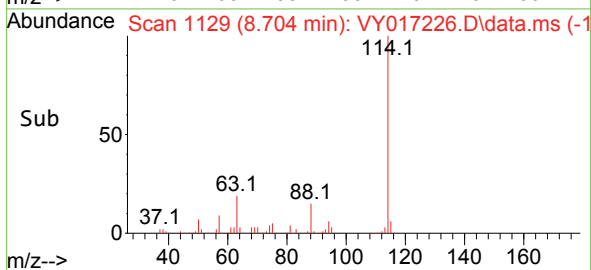
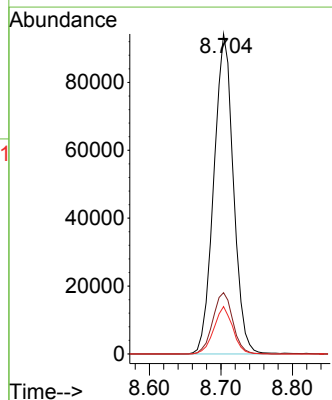
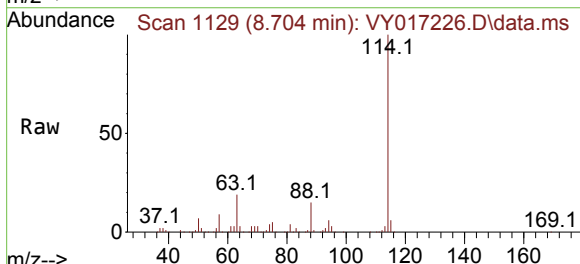
Instrument :
MSVOA_Y
ClientSampleId :
EB-6-7-9

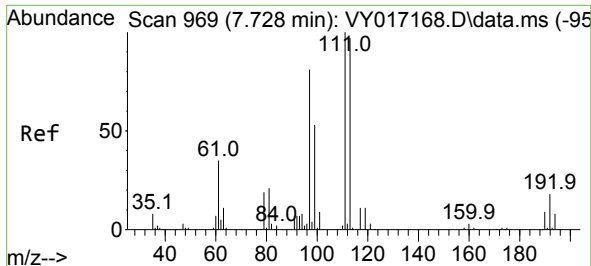
Tgt Ion: 65 Resp: 39628
Ion Ratio Lower Upper
65 100
67 54.0 0.0 109.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.704 min Scan# 1129
Delta R.T. 0.007 min
Lab File: VY017226.D
Acq: 05 Feb 2024 14:06

Tgt Ion: 114 Resp: 179175
Ion Ratio Lower Upper
114 100
63 19.2 0.0 37.4
88 14.8 0.0 29.0

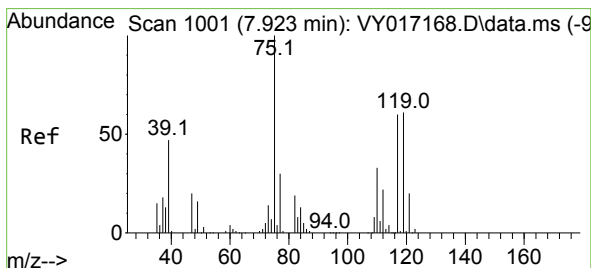
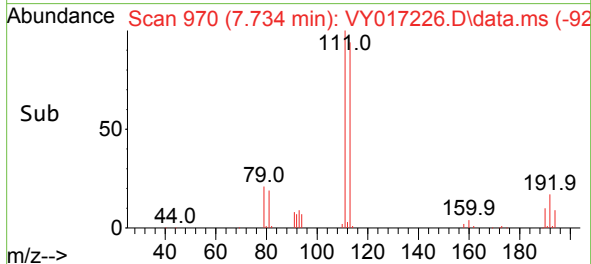
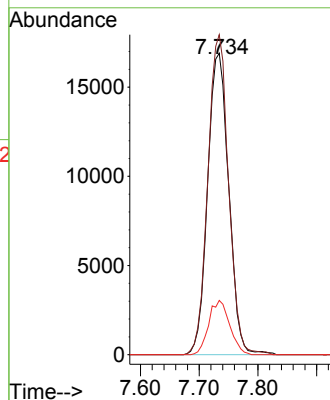
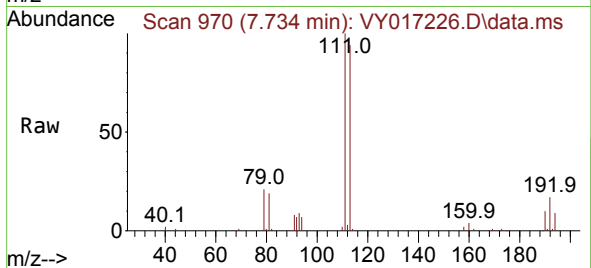




#35
Dibromofluoromethane
Concen: 43.638 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY017226.D
Acq: 05 Feb 2024 14:06

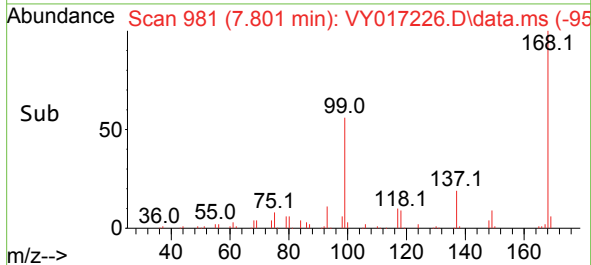
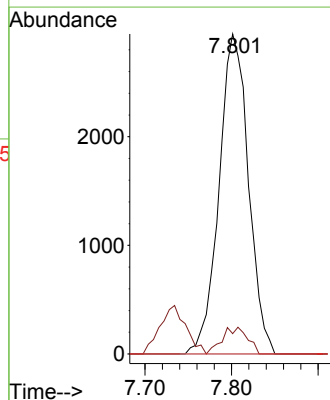
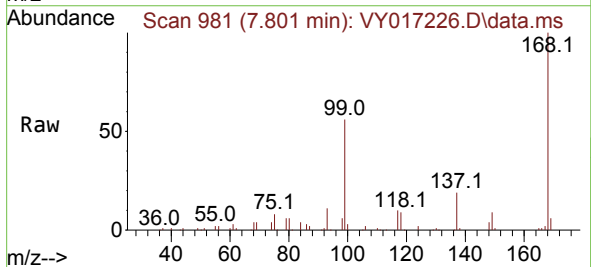
Instrument :
MSVOA_Y
ClientSampleId :
EB-6-7-9

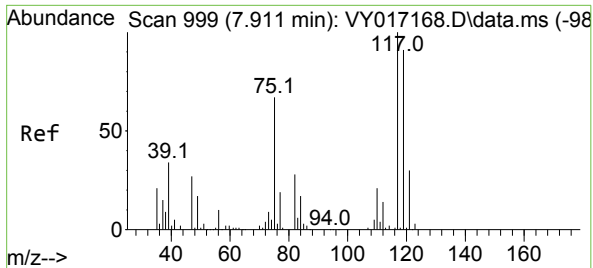
Tgt Ion:113 Resp: 42217
Ion Ratio Lower Upper
113 100
111 104.2 83.8 125.6
192 17.9 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.156 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.121 min
Lab File: VY017226.D
Acq: 05 Feb 2024 14:06

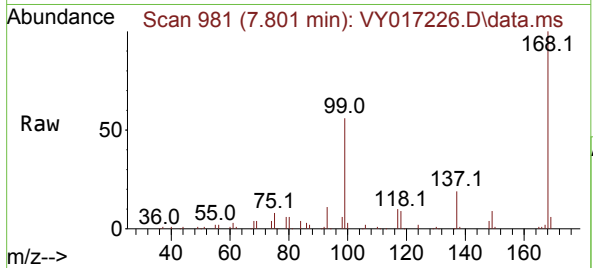
Tgt Ion: 75 Resp: 6935
Ion Ratio Lower Upper
75 100
110 7.2 17.4 52.3#
77 0.0 24.7 37.1#



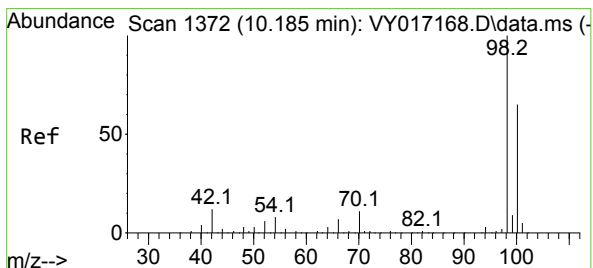
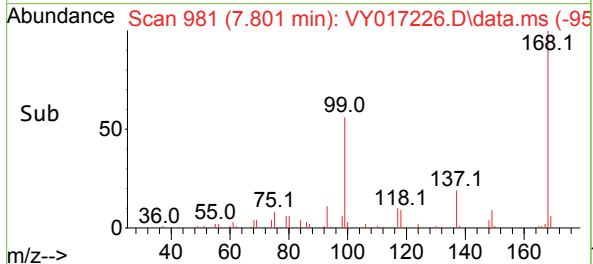
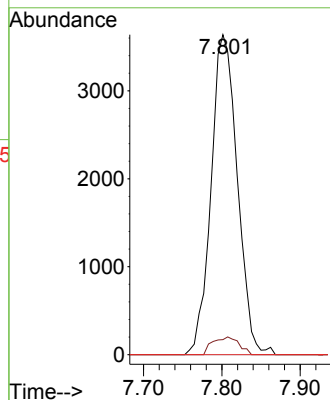


#38
Carbon Tetrachloride
Concen: 5.309 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY017226.D
Acq: 05 Feb 2024 14:06

Instrument :
MSVOA_Y
ClientSampleId :
EB-6-7-9

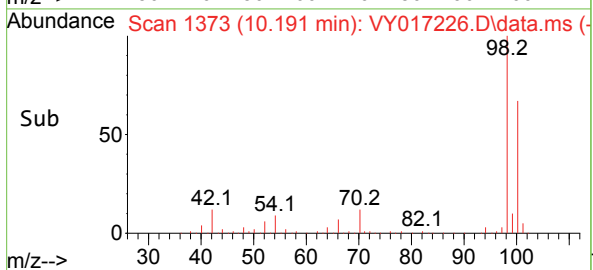
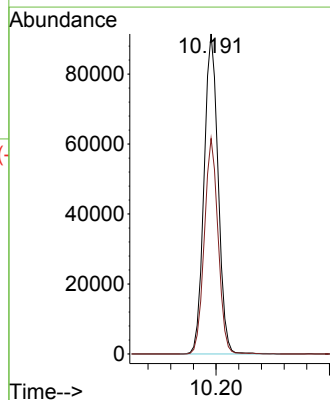
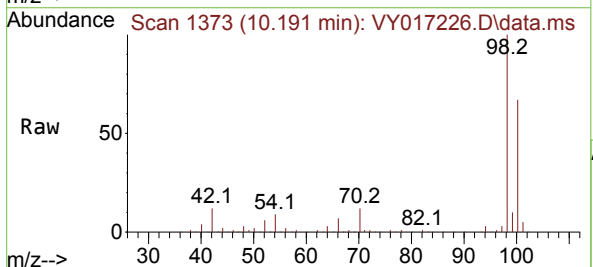


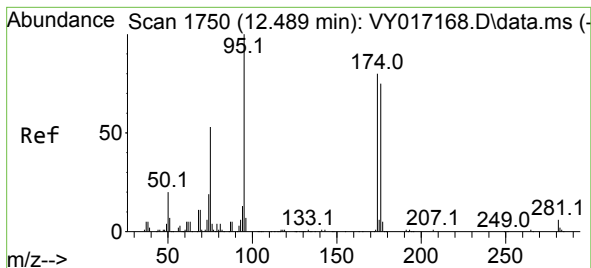
Tgt Ion:117 Resp: 8482
Ion Ratio Lower Upper
117 100
119 4.7 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 44.712 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.007 min
Lab File: VY017226.D
Acq: 05 Feb 2024 14:06

Tgt Ion: 98 Resp: 157490
Ion Ratio Lower Upper
98 100
100 65.8 52.3 78.5

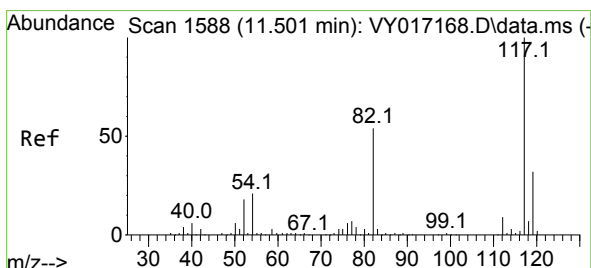
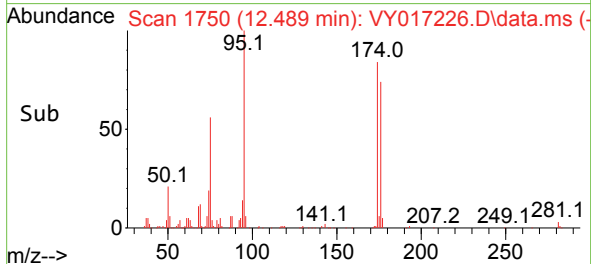
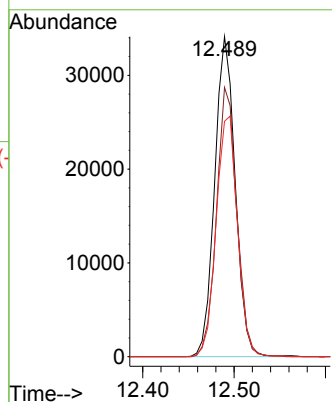
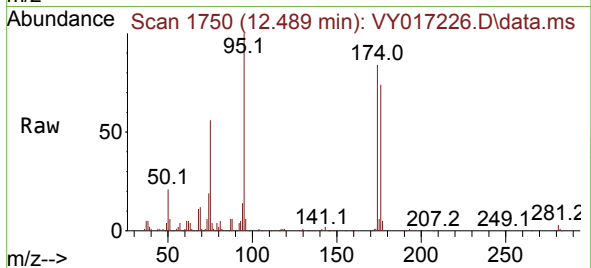




#62
4-Bromofluorobenzene
Concen: 46.121 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017226.D
Acq: 05 Feb 2024 14:06

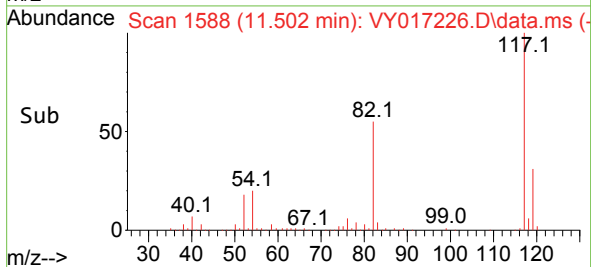
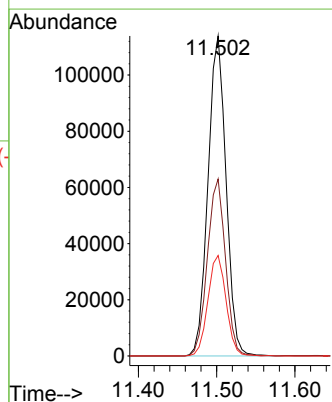
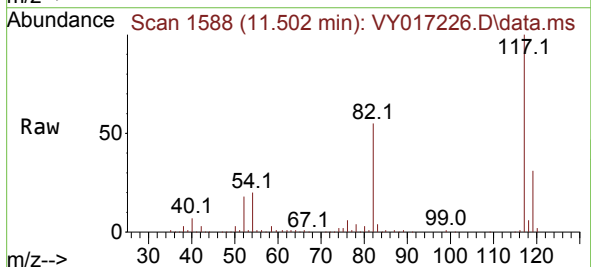
Instrument :
MSVOA_Y
ClientSampleId :
EB-6-7-9

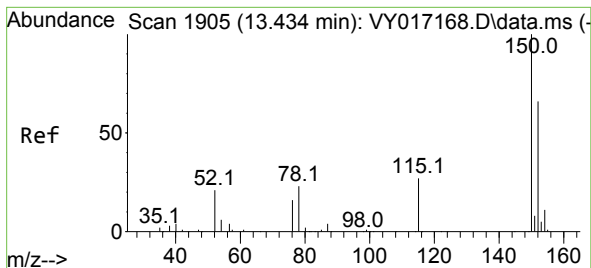
Tgt Ion: 95 Resp: 53217
Ion Ratio Lower Upper
95 100
174 83.2 0.0 160.0
176 78.2 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.000 min
Lab File: VY017226.D
Acq: 05 Feb 2024 14:06

Tgt Ion: 117 Resp: 182335
Ion Ratio Lower Upper
117 100
82 55.3 43.8 65.8
119 31.4 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: VY017226.D

Acq: 05 Feb 2024 14:06

Instrument :

MSVOA_Y

ClientSampleId :

EB-6-7-9

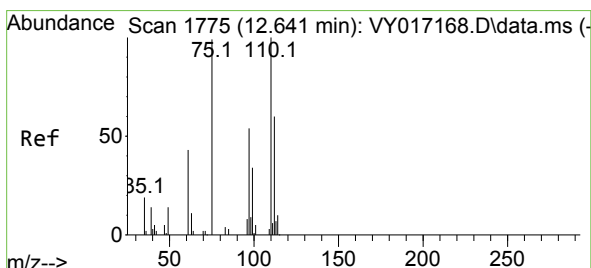
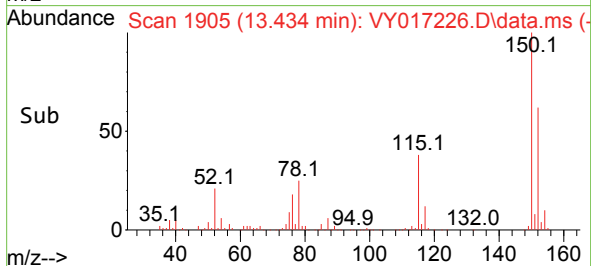
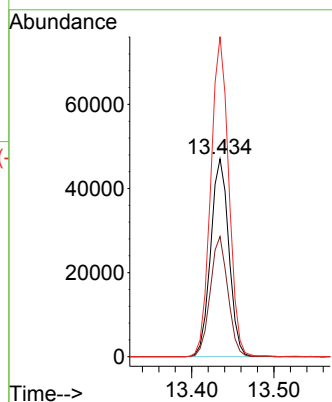
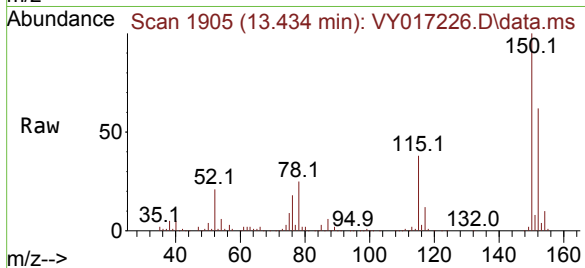
Tgt Ion:152 Resp: 72219

Ion Ratio Lower Upper

152 100

115 58.9 30.0 90.0

150 159.8 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 43.103 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.152 min

Lab File: VY017226.D

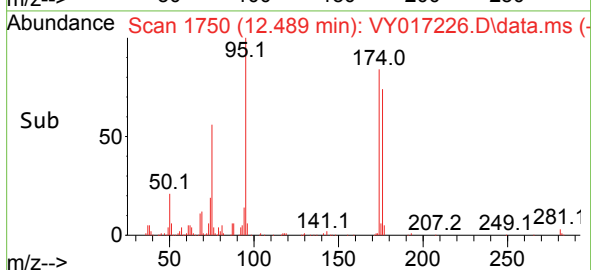
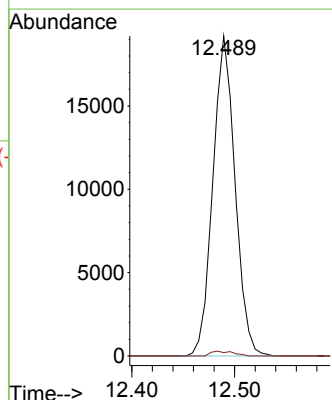
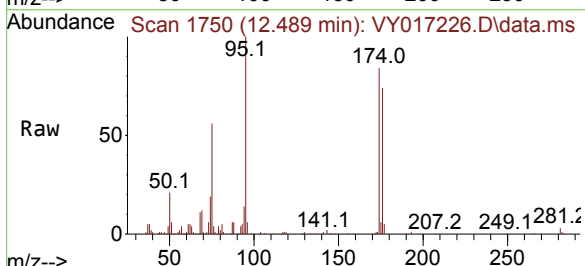
Acq: 05 Feb 2024 14:06

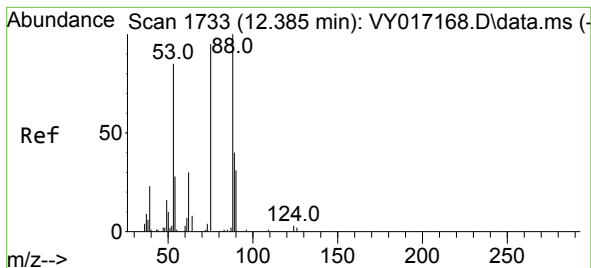
Tgt Ion: 75 Resp: 28731

Ion Ratio Lower Upper

75 100

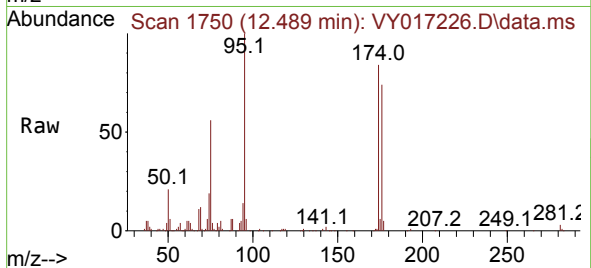
77 1.5 0.0 0.0#



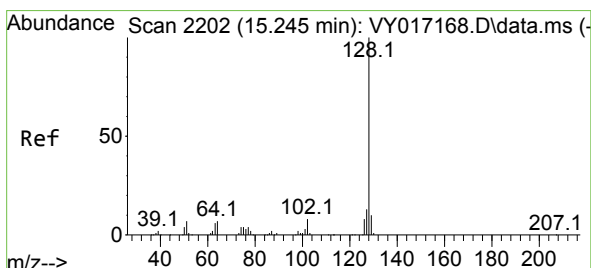
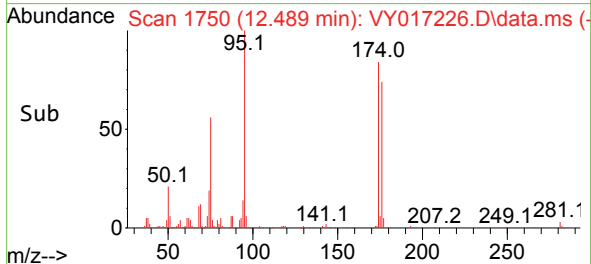
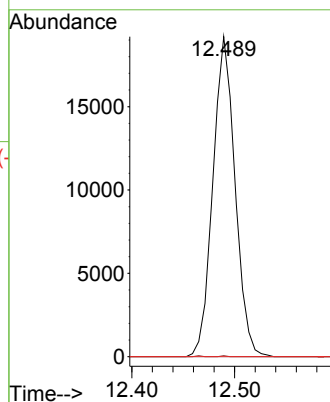


#81
trans-1,4-Dichloro-2-butene
Concen: 89.562 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY017226.D
Acq: 05 Feb 2024 14:06

Instrument :
MSVOA_Y
ClientSampleId :
EB-6-7-9



Tgt Ion: 75 Resp: 28731
Ion Ratio Lower Upper
75 100
53 0.1 74.0 111.0#
89 0.0 36.5 54.7#



#95
Naphthalene
Concen: 3.553 ug/l
RT: 15.251 min Scan# 2203
Delta R.T. 0.006 min
Lab File: VY017226.D
Acq: 05 Feb 2024 14:06

Tgt Ion: 128 Resp: 267
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.6 12.8#

