

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022224\
 Data File : VY017456.D
 Acq On : 22 Feb 2024 14:26
 Operator : SY/MD
 Sample : P1560-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 23 00:30:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 20 06:16:24 2024
 Response via : Initial Calibration

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

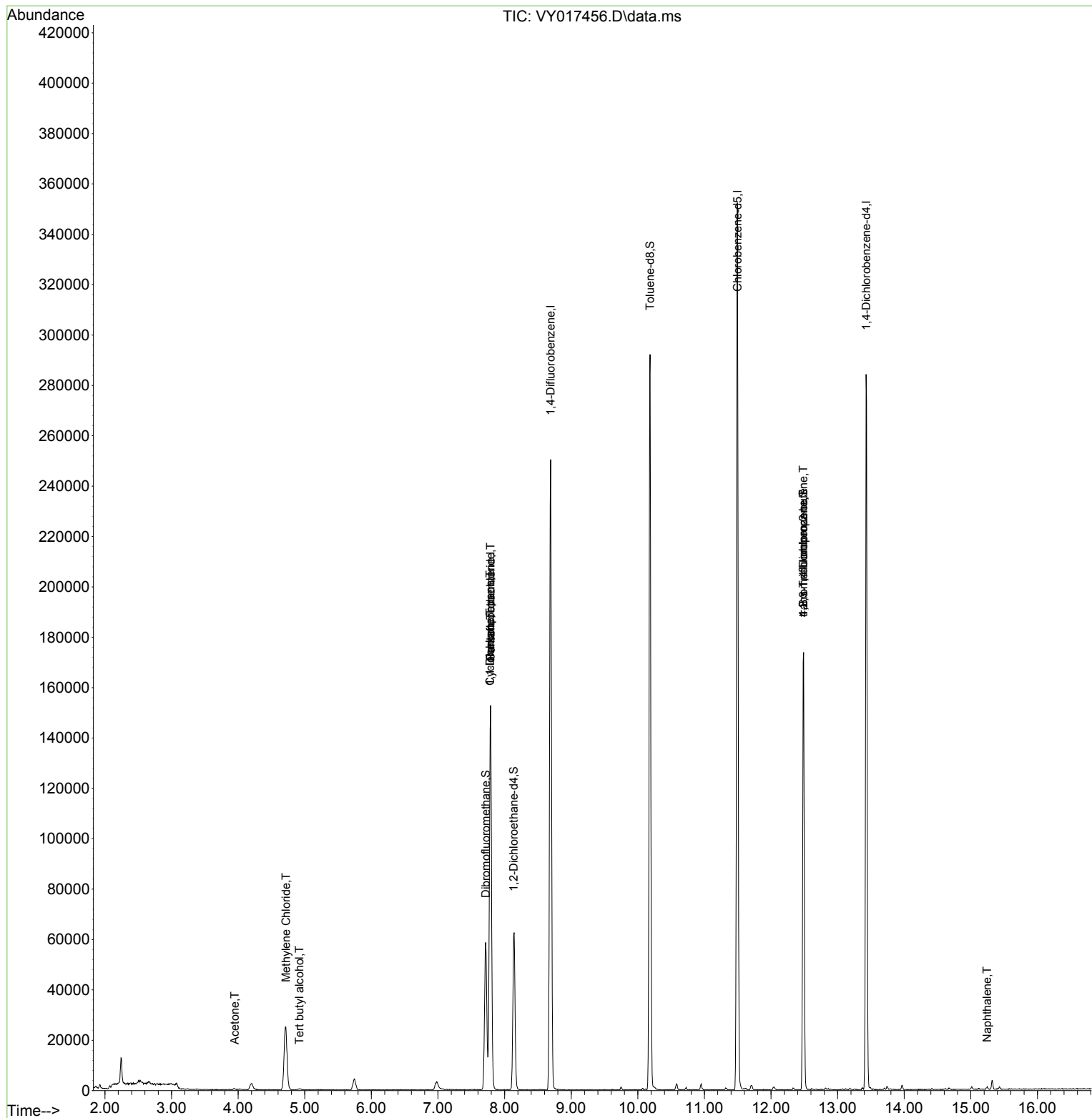
Internal Standards						
1) Pentafluorobenzene	7.789	168	125622	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	232929	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	204264	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	77031	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	47675	44.424	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.840%
35) Dibromofluoromethane	7.716	113	42935	31.489	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	62.980%
50) Toluene-d8	10.185	98	199462	37.719	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	75.440%
62) 4-Bromofluorobenzene	12.483	95	53216	30.859	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	61.720%
Target Compounds						
					Qvalue	
5) Bromomethane	2.668	94	673	Below Cal	#	77
11) Tert butyl alcohol	4.918	59	436	5.225	ug/l #	88
16) Acetone	3.948	43	926	3.984	ug/l #	78
20) Methylene Chloride	4.716	84	20561	9.487	ug/l	97
31) Cyclohexane	7.783	56	2151	1.012	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	9473	4.160	ug/l #	48
38) Carbon Tetrachloride	7.789	117	11766	5.190	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	26763	35.833	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	26763	83.546	ug/l #	16
95) Naphthalene	15.245	128	1040	3.959	ug/l #	89

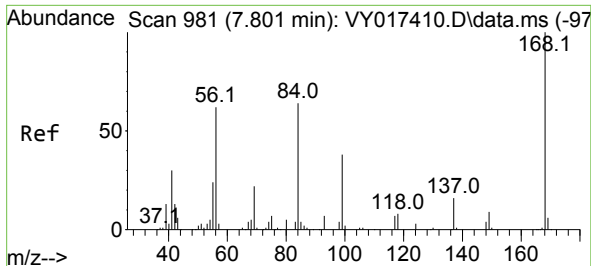
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022224\
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Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

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MSVOA_Y
ClientSampleId :

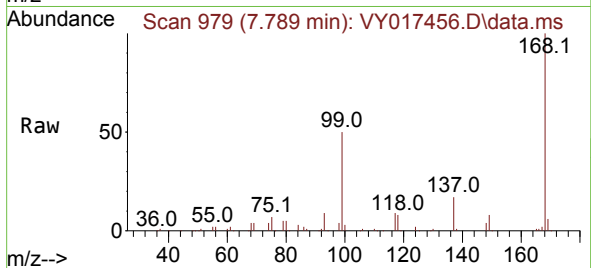
Quant Time: Feb 23 00:30:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
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QLast Update : Tue Feb 20 06:16:24 2024
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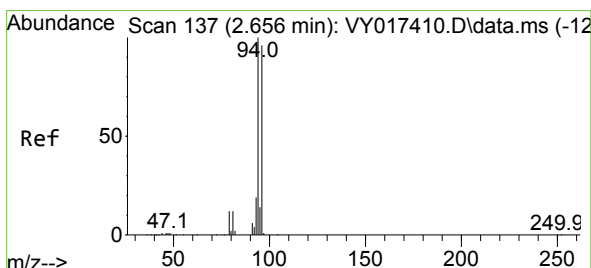
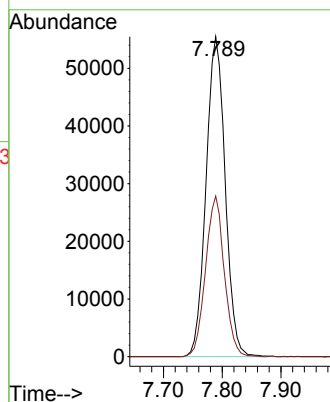
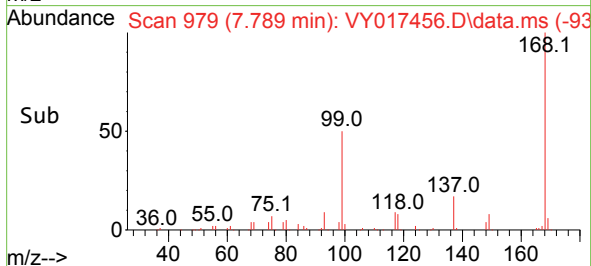


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017456.D
Acq: 22 Feb 2024 14:26

Instrument :
MSVOA_Y
ClientSampleId :

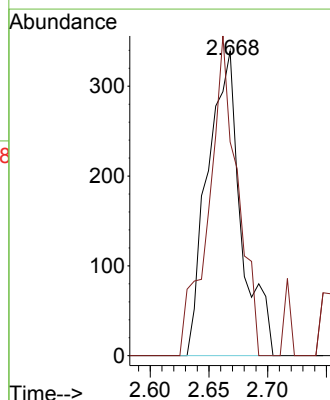
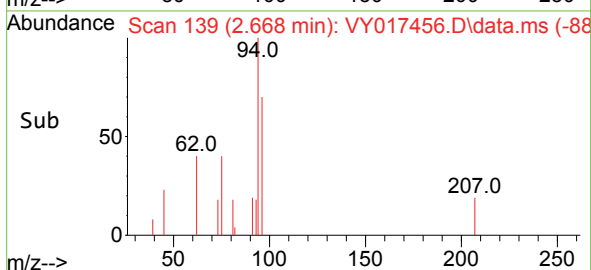
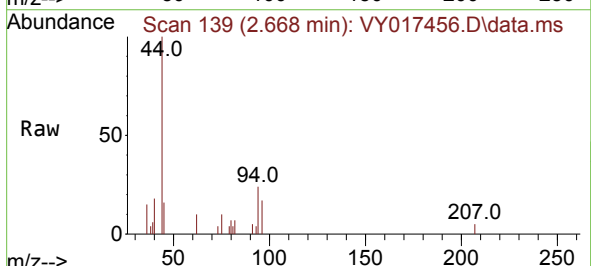


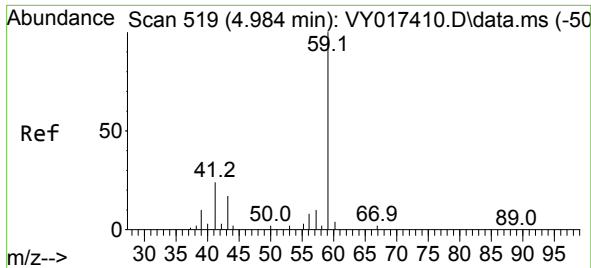
Tgt Ion:168 Resp: 125622
Ion Ratio Lower Upper
168 100
99 50.2 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 139
Delta R.T. 0.012 min
Lab File: VY017456.D
Acq: 22 Feb 2024 14:26

Tgt Ion: 94 Resp: 673
Ion Ratio Lower Upper
94 100
96 70.2 74.1 111.1#

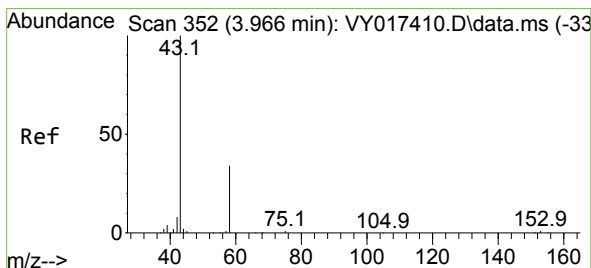
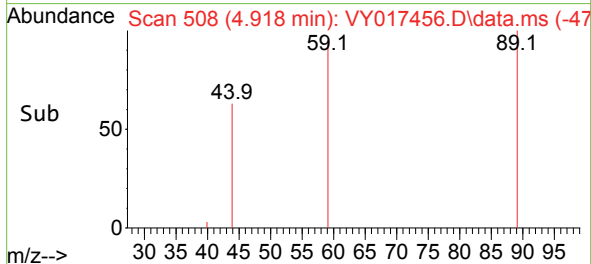
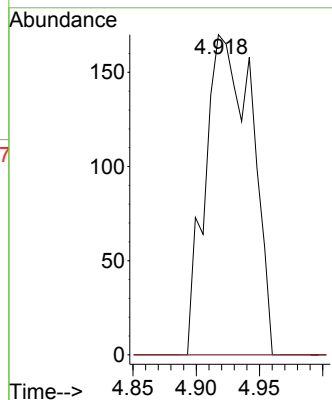
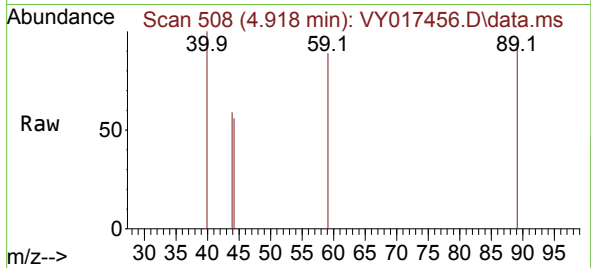




#11
Tert butyl alcohol
Concen: 5.225 ug/l
RT: 4.918 min Scan# 50
Delta R.T. -0.066 min
Lab File: VY017456.D
Acq: 22 Feb 2024 14:26

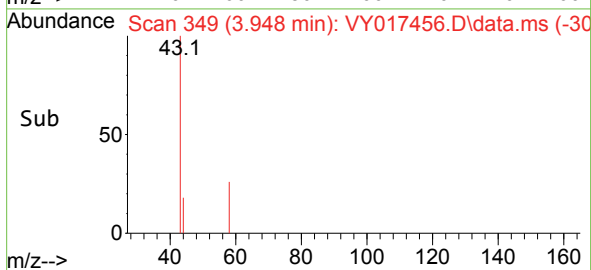
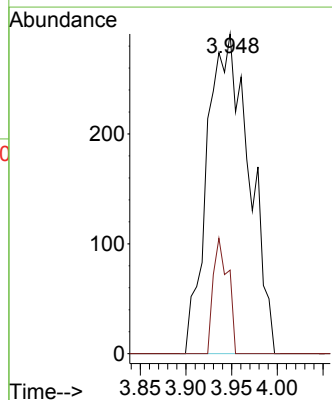
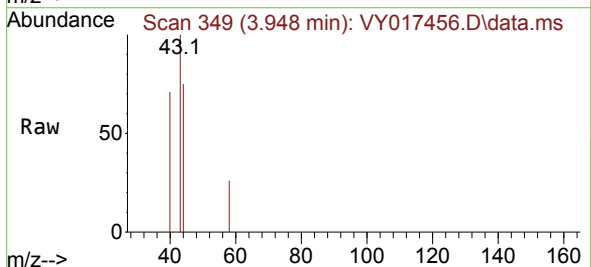
Instrument :
MSVOA_Y
ClientSampleId :

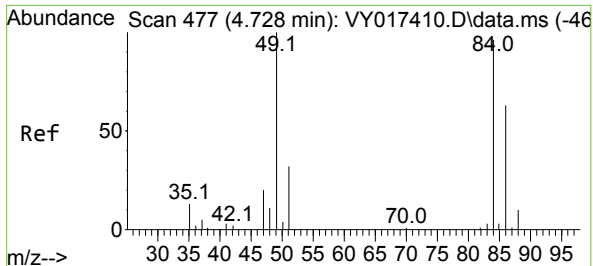
Tgt Ion: 59 Resp: 436
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#16
Acetone
Concen: 3.984 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.018 min
Lab File: VY017456.D
Acq: 22 Feb 2024 14:26

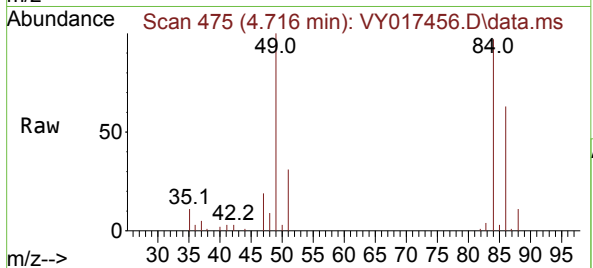
Tgt Ion: 43 Resp: 926
Ion Ratio Lower Upper
43 100
58 26.1 31.7 47.5#



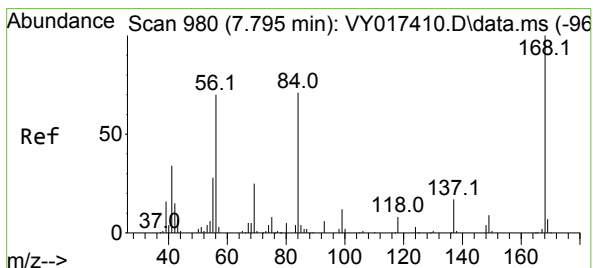
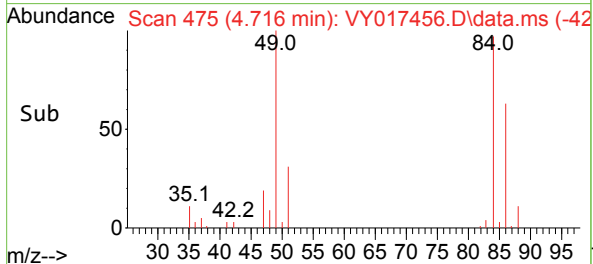
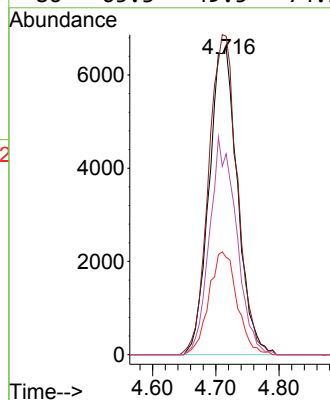


#20
Methylene Chloride
Concen: 9.487 ug/l
RT: 4.716 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY017456.D
Acq: 22 Feb 2024 14:26

Instrument :
MSVOA_Y
ClientSampleId :

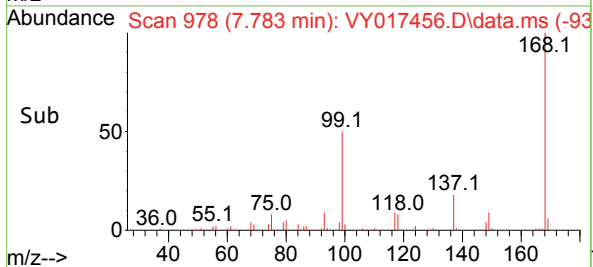
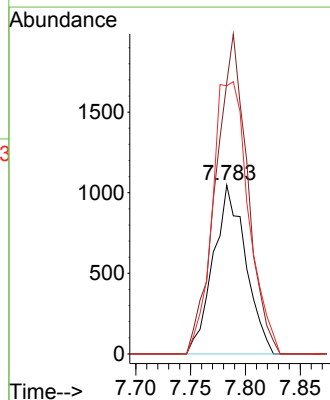
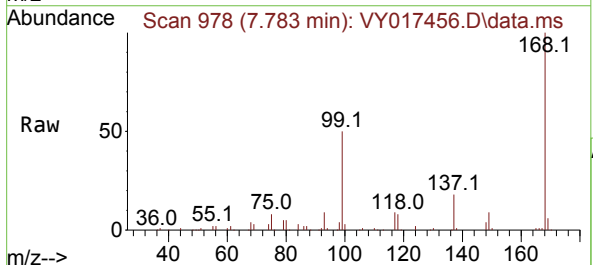


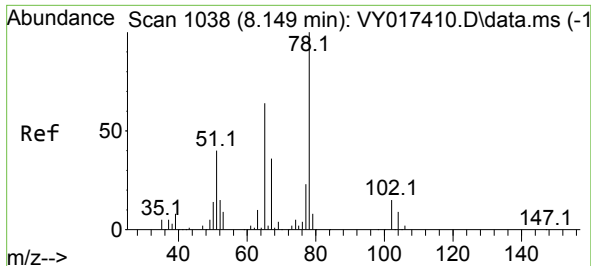
Tgt Ion: 84 Resp: 20561
Ion Ratio Lower Upper
84 100
49 103.5 84.4 126.6
51 31.7 26.0 39.0
86 65.3 49.5 74.3



#31
Cyclohexane
Concen: 1.012 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.012 min
Lab File: VY017456.D
Acq: 22 Feb 2024 14:26

Tgt Ion: 56 Resp: 2151
Ion Ratio Lower Upper
56 100
69 160.6 28.7 43.1#
84 158.8 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 44.424 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.012 min

Lab File: VY017456.D

Acq: 22 Feb 2024 14:26

Instrument :

MSVOA_Y

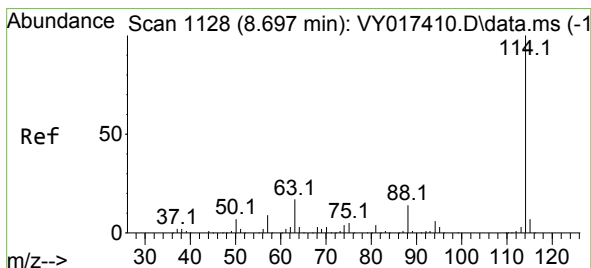
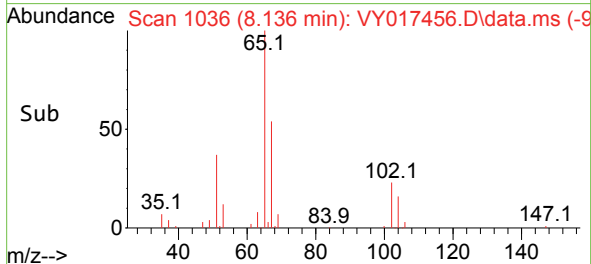
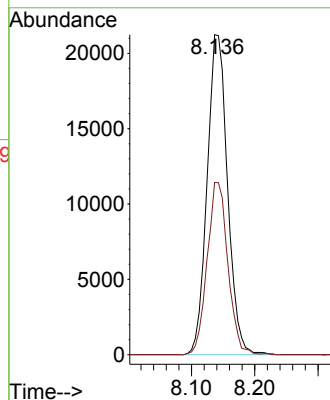
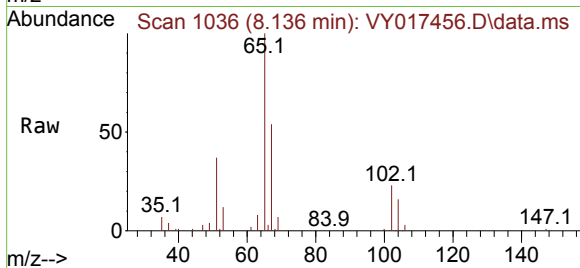
ClientSampleId :

Tgt Ion: 65 Resp: 47675

Ion Ratio Lower Upper

65 100

67 54.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY017456.D

Acq: 22 Feb 2024 14:26

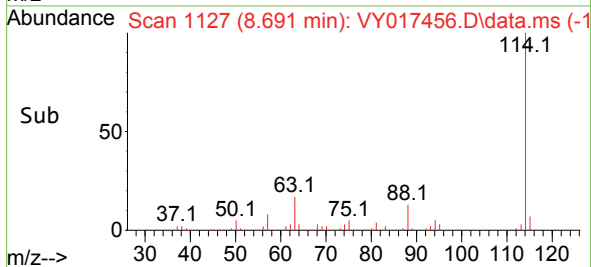
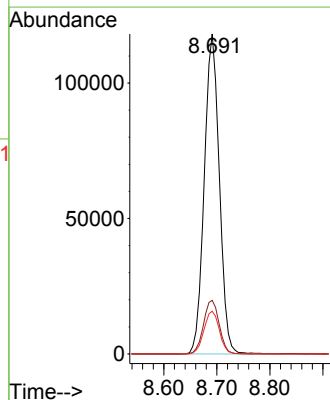
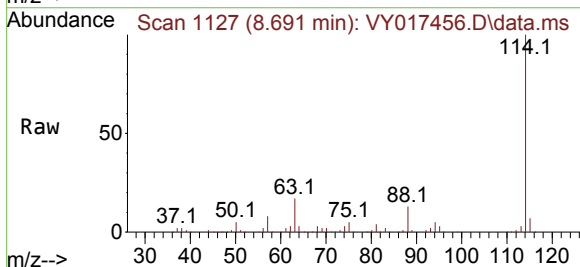
Tgt Ion: 114 Resp: 232929

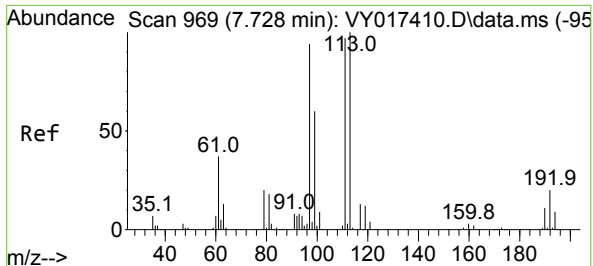
Ion Ratio Lower Upper

114 100

63 16.8 0.0 35.0

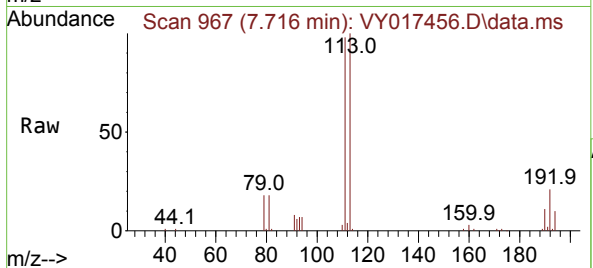
88 13.3 0.0 27.2



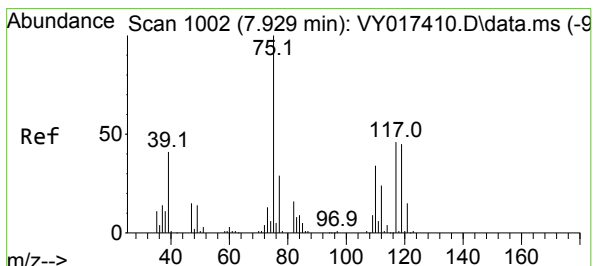
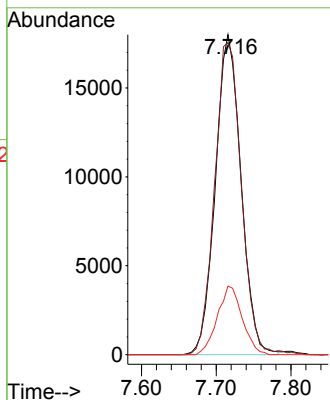
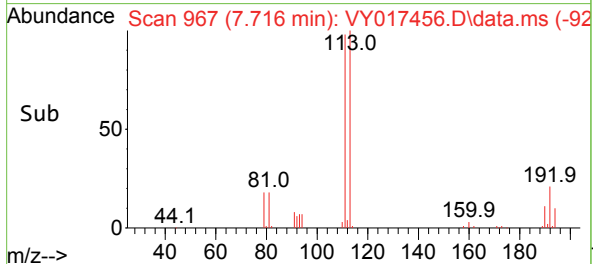


#35
Dibromofluoromethane
Concen: 31.489 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.012 min
Lab File: VY017456.D
Acq: 22 Feb 2024 14:26

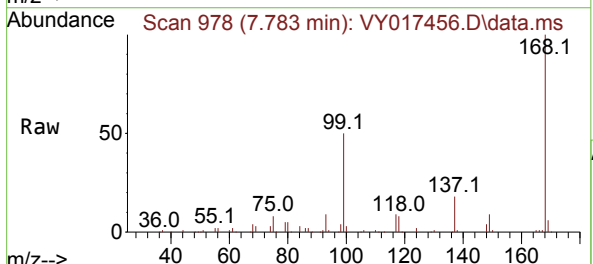
Instrument :
MSVOA_Y
ClientSampleId :



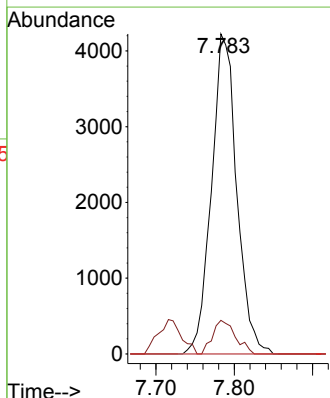
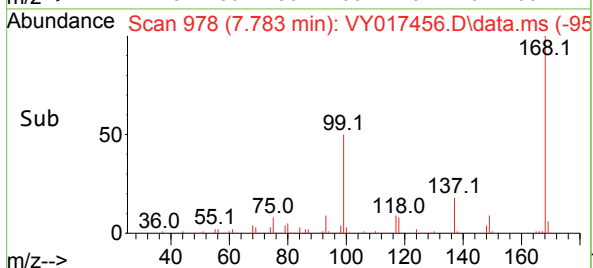
Tgt Ion:113 Resp: 42935
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.4
192 20.8 15.9 23.9

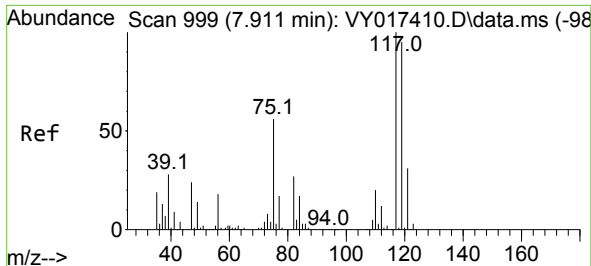


#36
1,1-Dichloropropene
Concen: 4.160 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.146 min
Lab File: VY017456.D
Acq: 22 Feb 2024 14:26



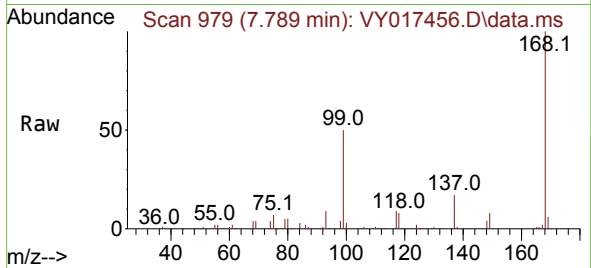
Tgt Ion: 75 Resp: 9473
Ion Ratio Lower Upper
75 100
110 9.5 19.0 57.0#
77 0.0 25.3 37.9#



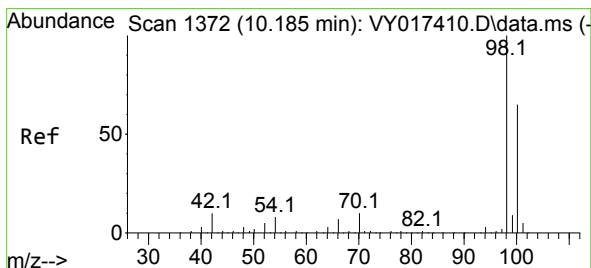
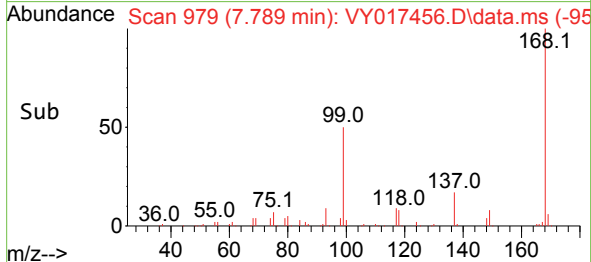
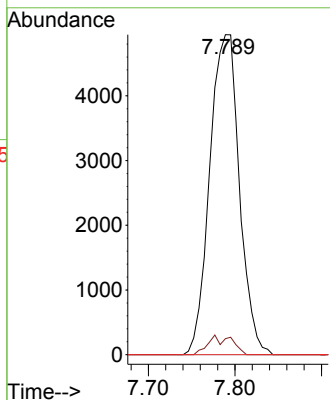


#38
Carbon Tetrachloride
Concen: 5.190 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY017456.D
Acq: 22 Feb 2024 14:26

Instrument :
MSVOA_Y
ClientSampleId :

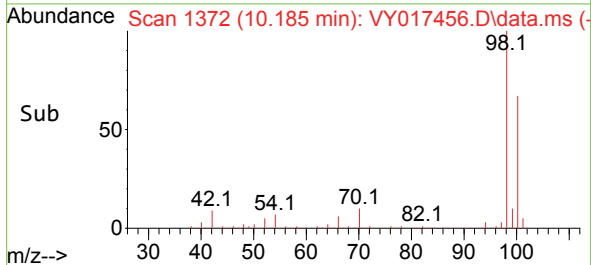
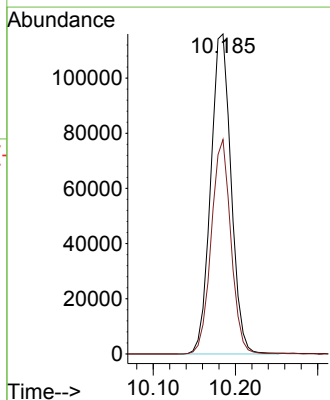
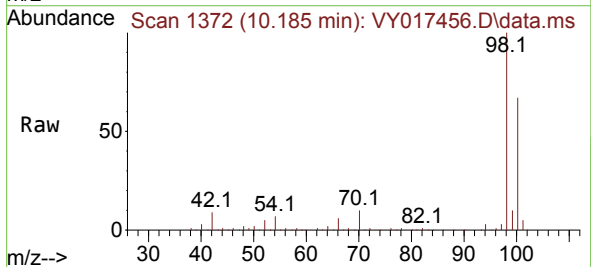


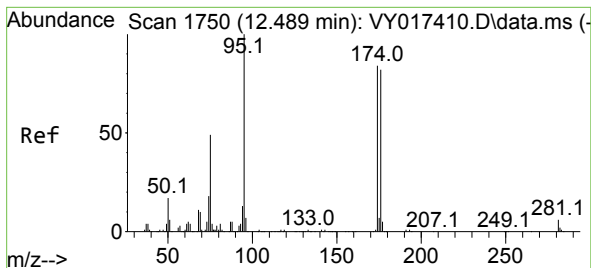
Tgt Ion:117 Resp: 11766
Ion Ratio Lower Upper
117 100
119 5.0 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 37.719 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017456.D
Acq: 22 Feb 2024 14:26

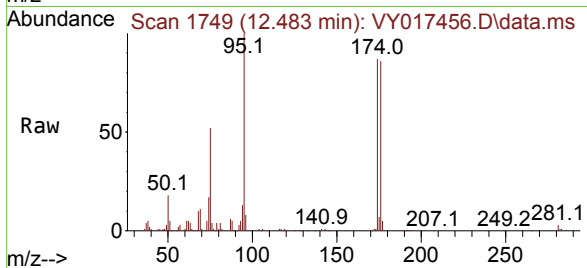
Tgt Ion: 98 Resp: 199462
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



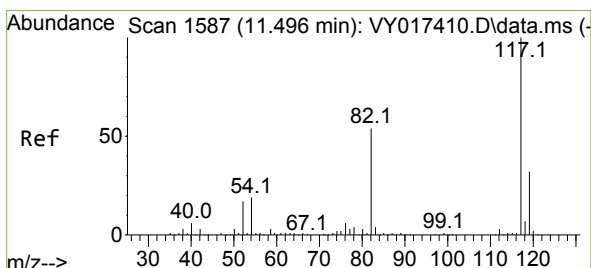
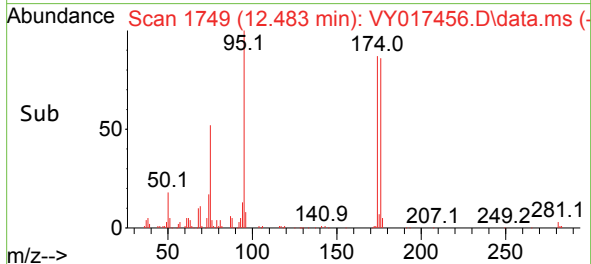
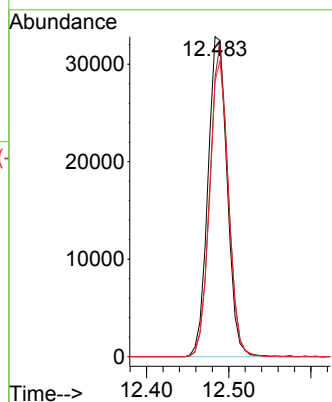


#62
4-Bromofluorobenzene
Concen: 30.859 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017456.D
Acq: 22 Feb 2024 14:26

Instrument :
MSVOA_Y
ClientSampleId :

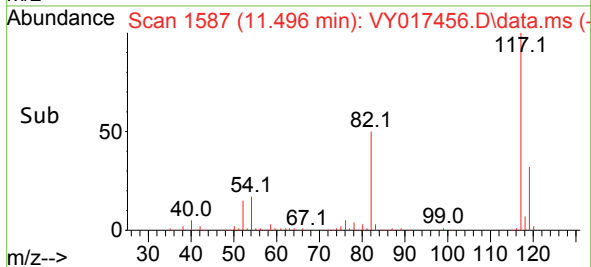
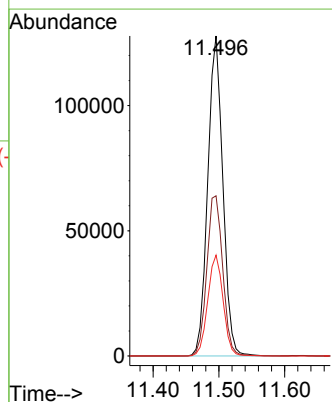
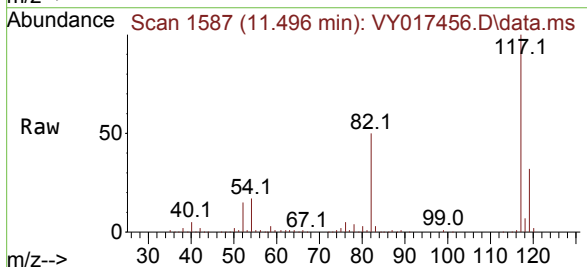


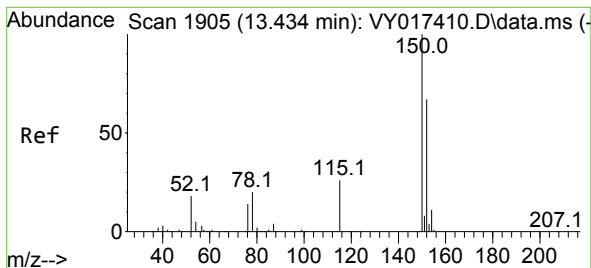
Tgt Ion: 95 Resp: 53216
Ion Ratio Lower Upper
95 100
174 93.4 0.0 175.6
176 90.9 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY017456.D
Acq: 22 Feb 2024 14:26

Tgt Ion: 117 Resp: 204264
Ion Ratio Lower Upper
117 100
82 50.1 42.4 63.6
119 31.5 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1905

Delta R.T. -0.006 min

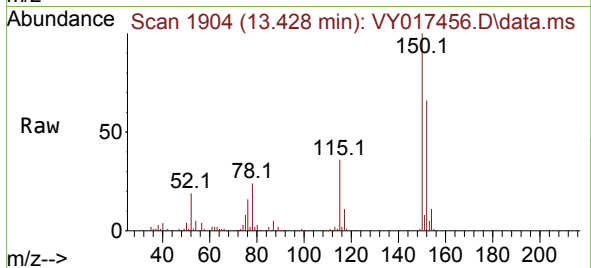
Lab File: VY017456.D

Acq: 22 Feb 2024 14:26

Instrument :

MSVOA_Y

ClientSampleId :



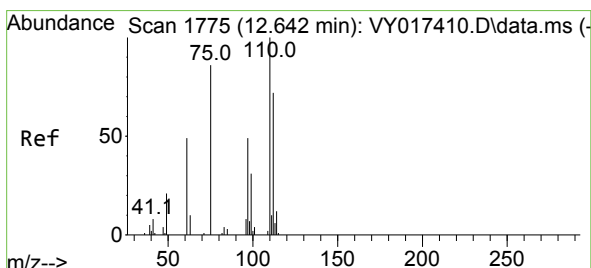
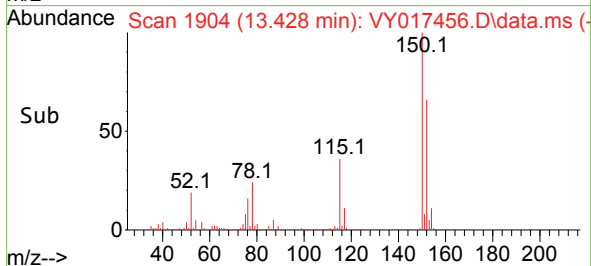
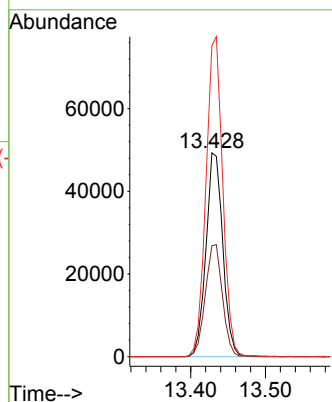
Tgt Ion:152 Resp: 77031

Ion Ratio Lower Upper

152 100

115 56.1 28.2 84.7

150 156.1 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 35.833 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.158 min

Lab File: VY017456.D

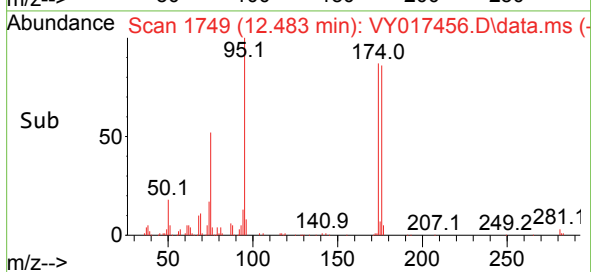
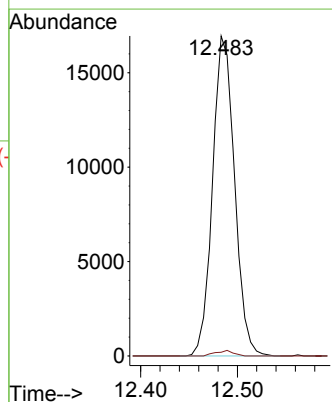
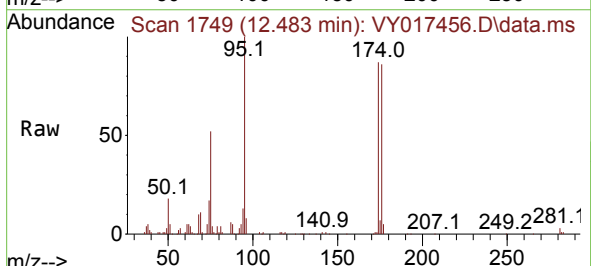
Acq: 22 Feb 2024 14:26

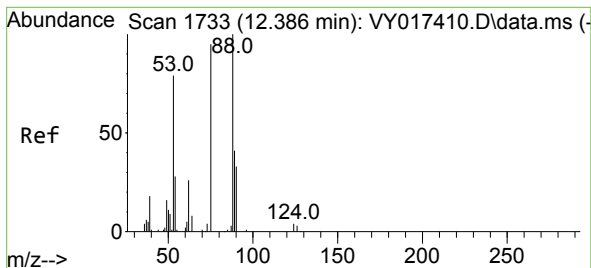
Tgt Ion: 75 Resp: 26763

Ion Ratio Lower Upper

75 100

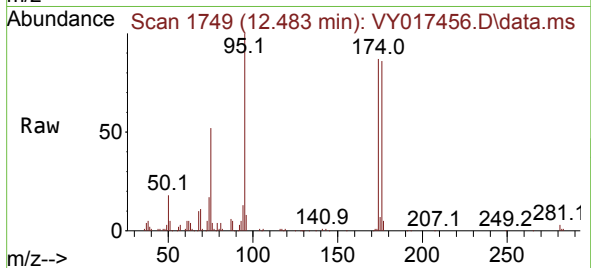
77 1.4 0.0 0.0#



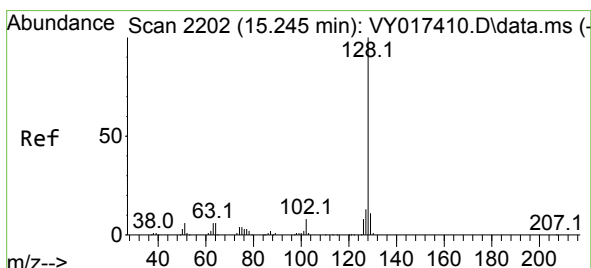
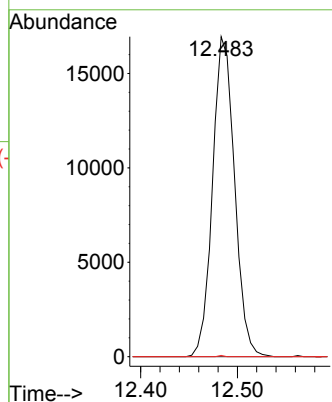
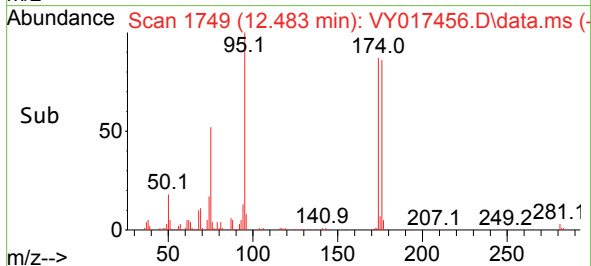


#81
trans-1,4-Dichloro-2-butene
Concen: 83.546 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY017456.D
Acq: 22 Feb 2024 14:26

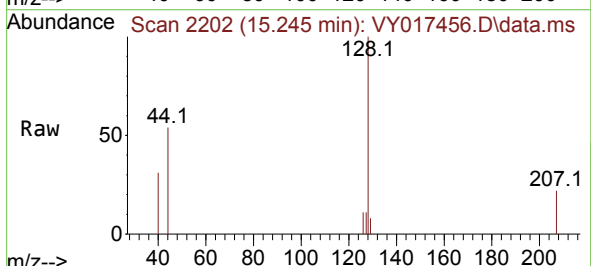
Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 26763
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#



#95
Naphthalene
Concen: 3.959 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. -0.000 min
Lab File: VY017456.D
Acq: 22 Feb 2024 14:26



Tgt Ion: 128 Resp: 1040
Ion Ratio Lower Upper
128 100
127 9.9 10.6 16.0#
129 5.7 8.6 13.0#

