

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022224\
 Data File : VY017462.D
 Acq On : 22 Feb 2024 16:47
 Operator : SY/MD
 Sample : P1564-03
 Misc : 3.95g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 23 00:32:02 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)

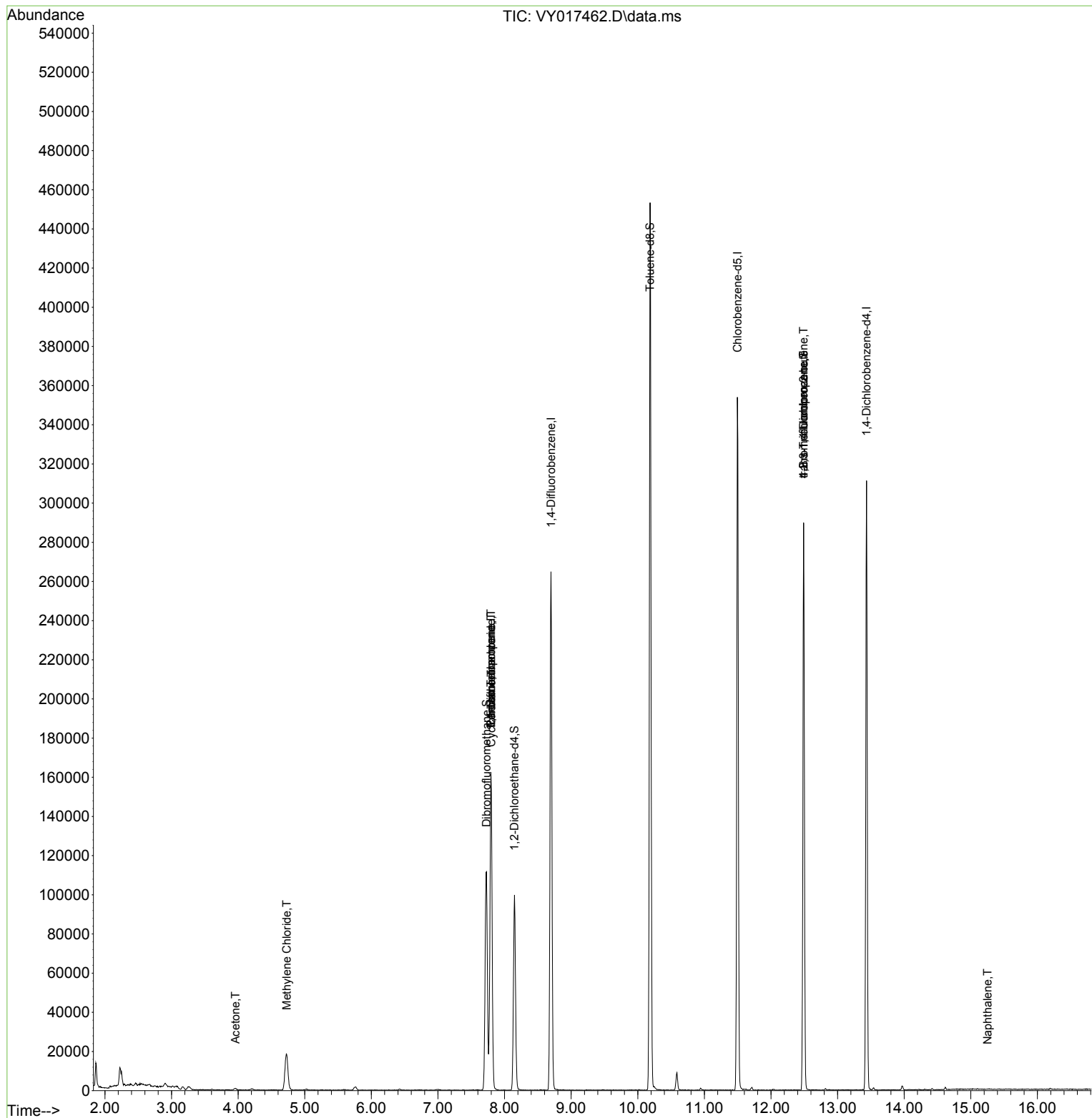
Internal Standards						
1) Pentafluorobenzene	7.795	168	135098	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	240945	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	208012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	83667	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	71732	62.153	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.300%	
35) Dibromofluoromethane	7.728	113	82837	58.733	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.460%	
50) Toluene-d8	10.185	98	305802	55.905	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.820%	
62) 4-Bromofluorobenzene	12.489	95	83249	45.783	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 91.560%	
Target Compounds						Qvalue
5) Bromomethane	2.674	94	355	Below Cal	90	
16) Acetone	3.960	43	1495	5.981	ug/l	93
20) Methylene Chloride	4.729	84	15842	4.840	ug/l	92
31) Cyclohexane	7.801	56	2419	1.059	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	9637	4.091	ug/l #	47
38) Carbon Tetrachloride	7.795	117	12217	5.209	ug/l #	16
76) 1,2,3-Trichloropropane	12.489	75	41169	50.749	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	41169	118.324	ug/l #	16
95) Naphthalene	15.251	128	128	3.587	ug/l #	69

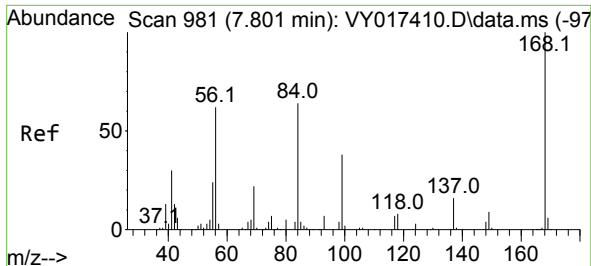
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Feb 20 06:16:24 2024
Response via : Initial Calibration

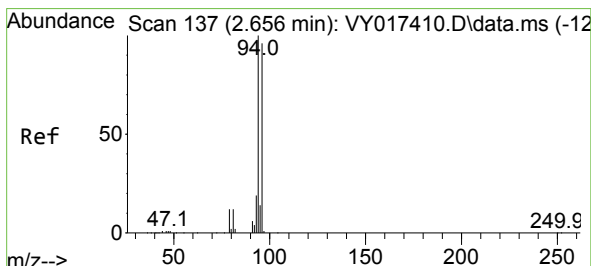
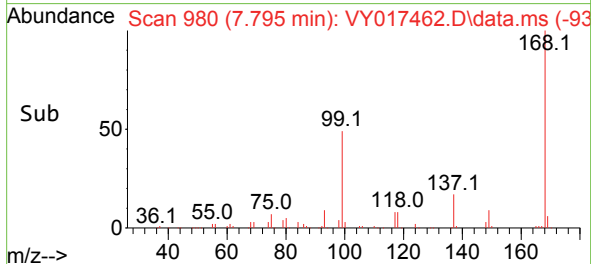
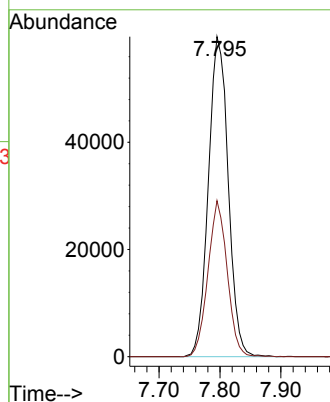
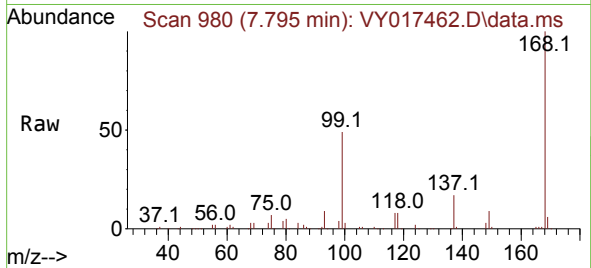




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017462.D
Acq: 22 Feb 2024 16:47

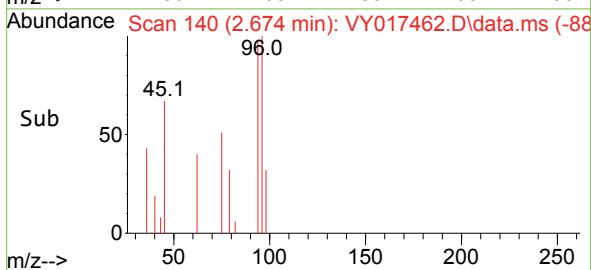
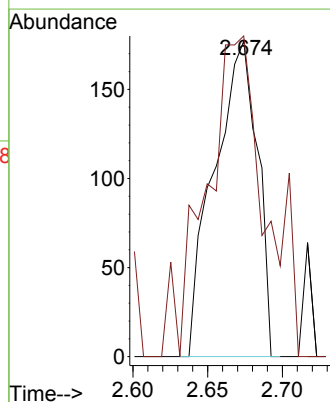
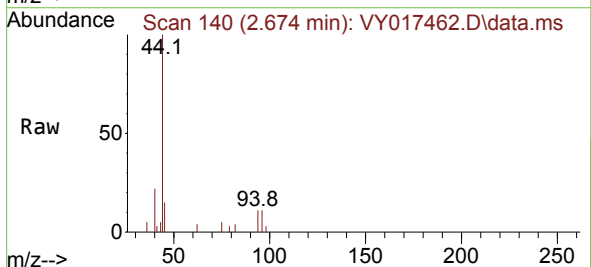
Instrument :
MSVOA_Y
ClientSampleId :

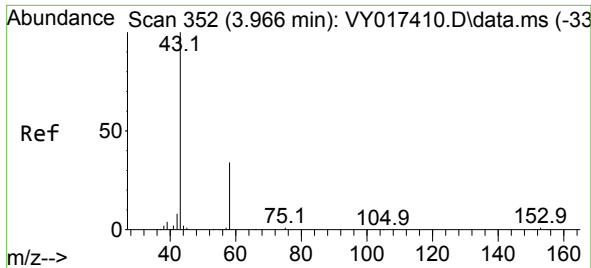
Tgt Ion:168 Resp: 135098
Ion Ratio Lower Upper
168 100
99 48.8 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.674 min Scan# 140
Delta R.T. 0.018 min
Lab File: VY017462.D
Acq: 22 Feb 2024 16:47

Tgt Ion: 94 Resp: 355
Ion Ratio Lower Upper
94 100
96 101.7 74.1 111.1





#16

Acetone

Concen: 5.981 ug/l

RT: 3.960 min Scan# 351

Delta R.T. -0.006 min

Lab File: VY017462.D

Acq: 22 Feb 2024 16:47

Instrument :

MSVOA_Y

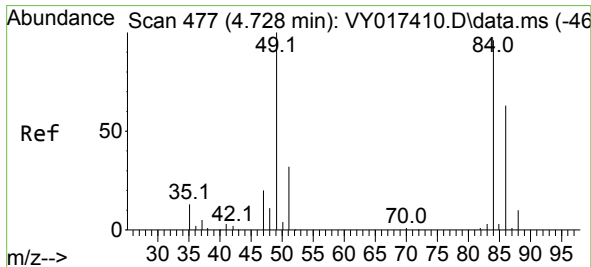
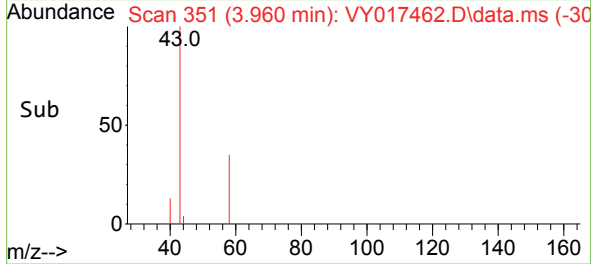
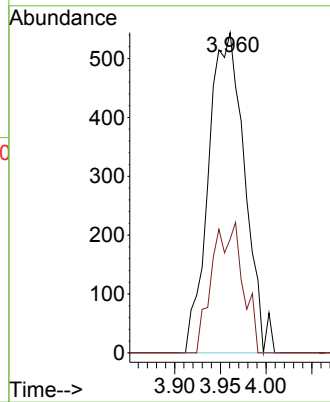
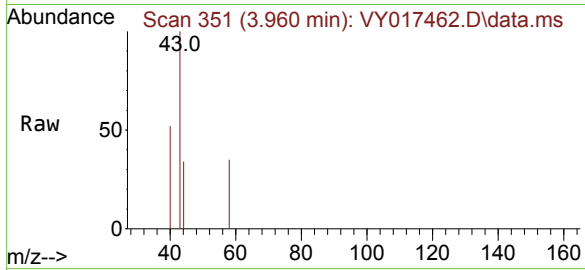
ClientSampleId :

Tgt Ion: 43 Resp: 1495

Ion Ratio Lower Upper

43 100

58 35.5 31.7 47.5



#20

Methylene Chloride

Concen: 4.840 ug/l

RT: 4.729 min Scan# 477

Delta R.T. 0.001 min

Lab File: VY017462.D

Acq: 22 Feb 2024 16:47

Tgt Ion: 84 Resp: 15842

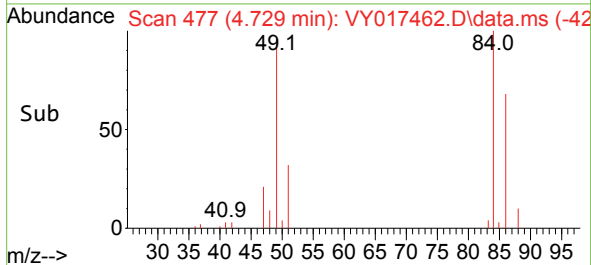
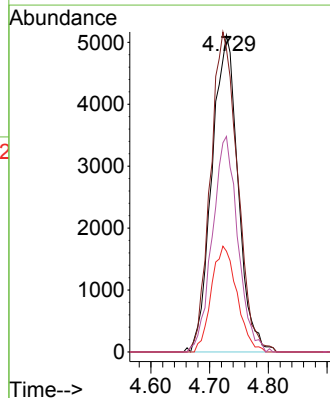
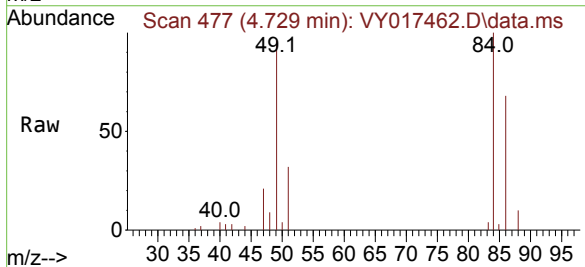
Ion Ratio Lower Upper

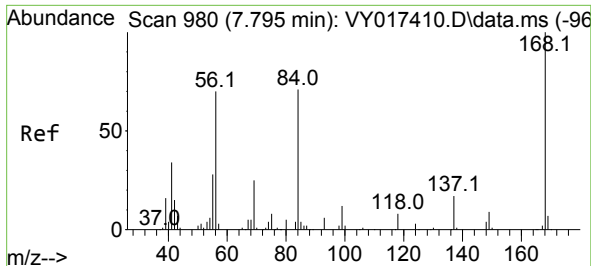
84 100

49 95.7 84.4 126.6

51 31.8 26.0 39.0

86 68.1 49.5 74.3

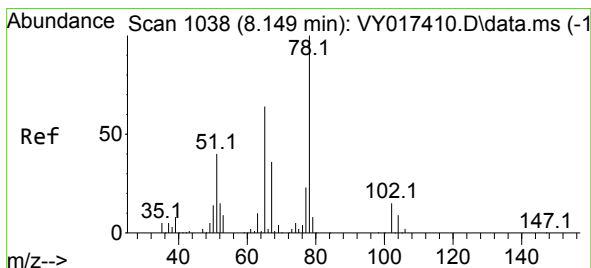
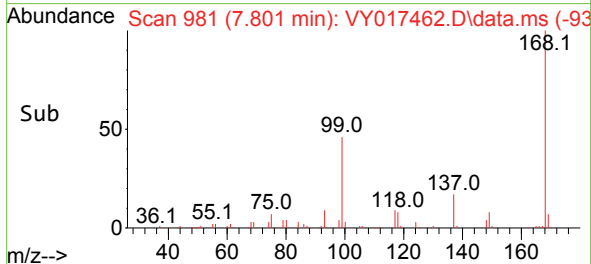
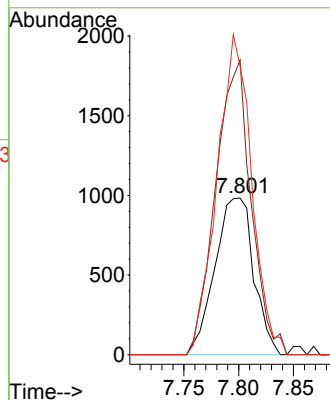
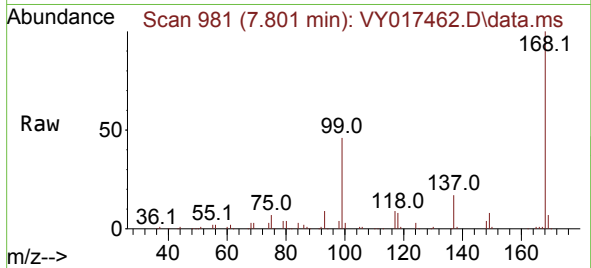




#31
Cyclohexane
Concen: 1.059 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY017462.D
Acq: 22 Feb 2024 16:47

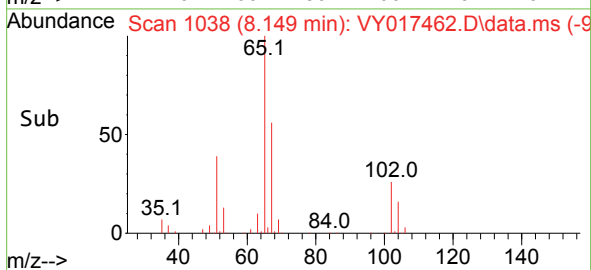
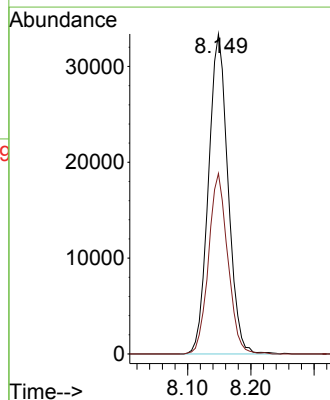
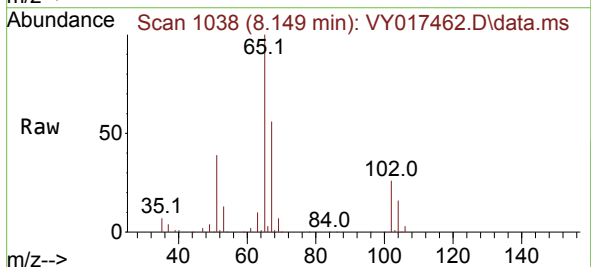
Instrument :
MSVOA_Y
ClientSampleId :

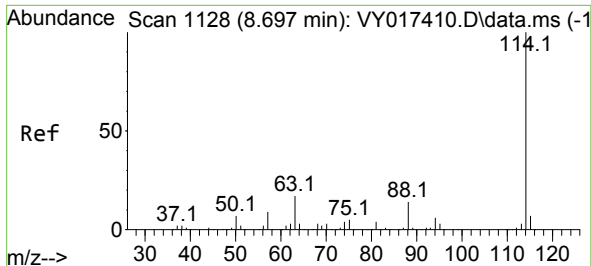
Tgt Ion: 56 Resp: 2419
Ion Ratio Lower Upper
56 100
69 188.0 28.7 43.1#
84 184.2 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 62.153 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY017462.D
Acq: 22 Feb 2024 16:47

Tgt Ion: 65 Resp: 71732
Ion Ratio Lower Upper
65 100
67 55.5 0.0 109.6

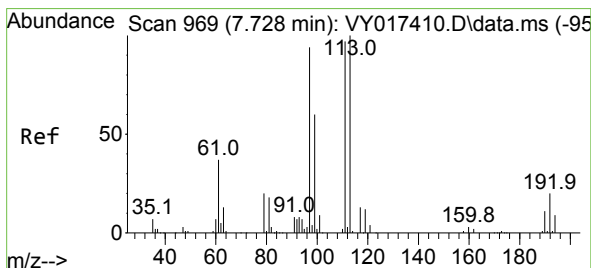
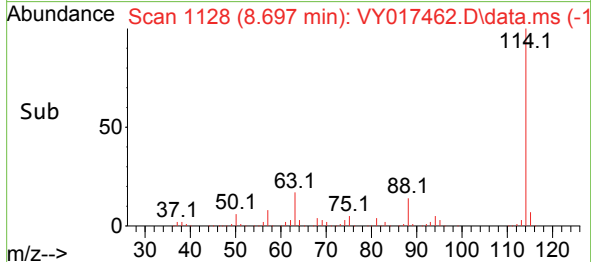
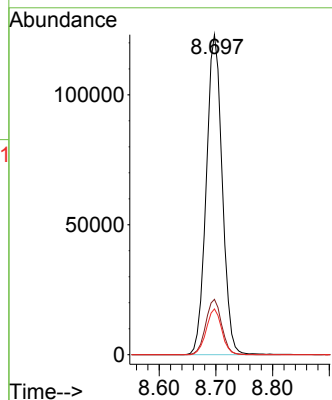
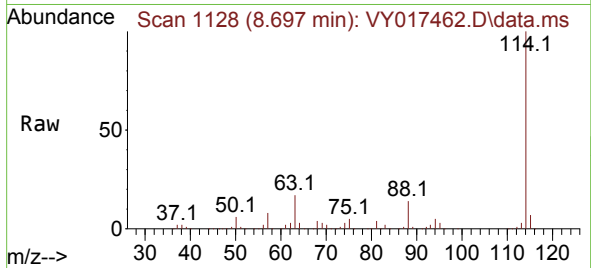




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY017462.D
Acq: 22 Feb 2024 16:47

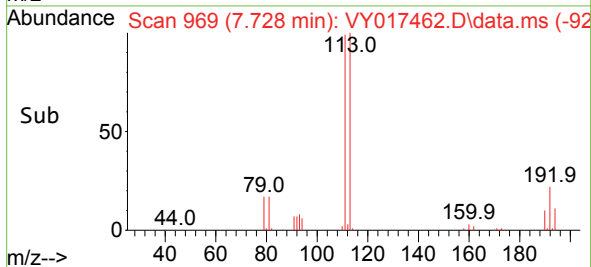
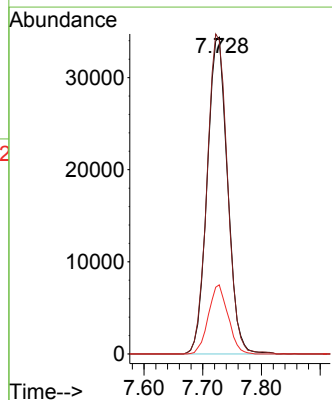
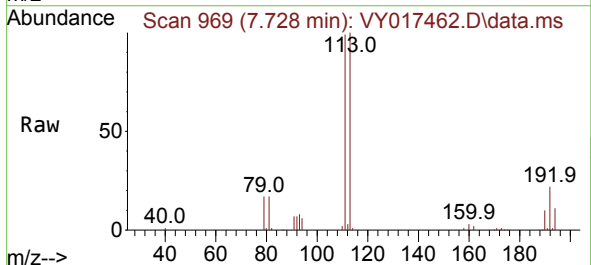
Instrument :
MSVOA_Y
ClientSampleId :

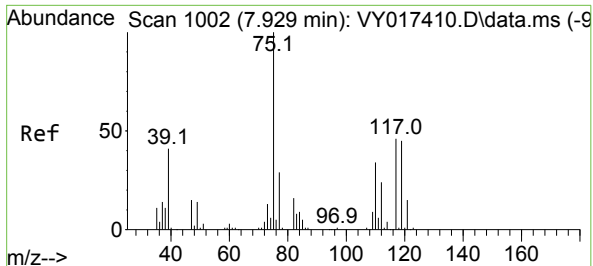
Tgt Ion:114 Resp: 240945
Ion Ratio Lower Upper
114 100
63 17.3 0.0 35.0
88 14.3 0.0 27.2



#35
Dibromofluoromethane
Concen: 58.733 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY017462.D
Acq: 22 Feb 2024 16:47

Tgt Ion:113 Resp: 82837
Ion Ratio Lower Upper
113 100
111 101.4 82.2 123.4
192 21.1 15.9 23.9

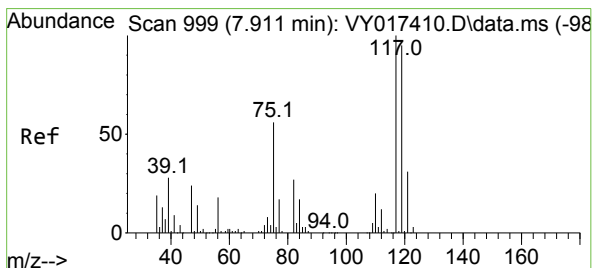
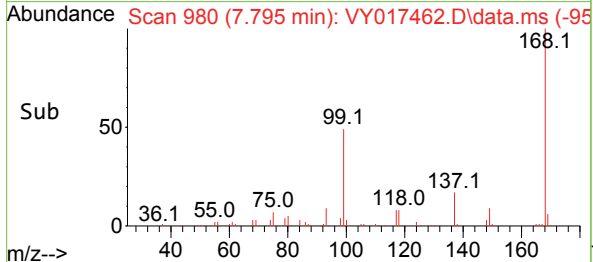
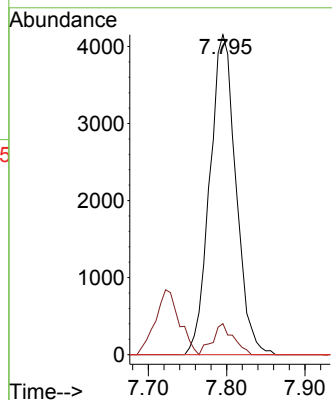
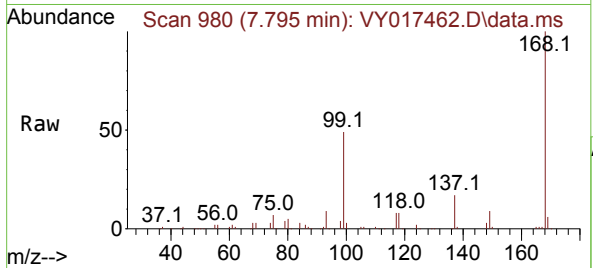




#36
1,1-Dichloropropene
Concen: 4.091 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY017462.D
Acq: 22 Feb 2024 16:47

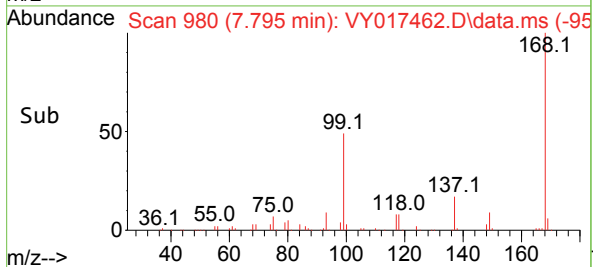
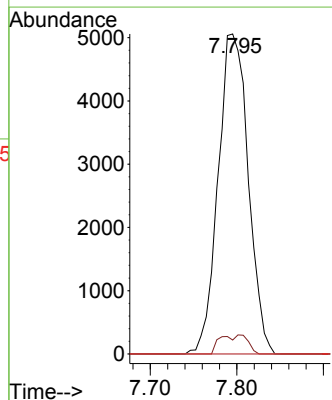
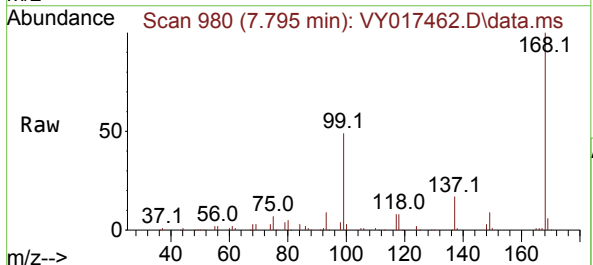
Instrument :
MSVOA_Y
ClientSampleId :

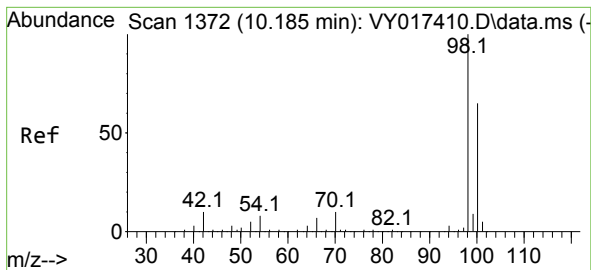
Tgt Ion: 75 Resp: 9637
Ion Ratio Lower Upper
75 100
110 7.6 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.209 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY017462.D
Acq: 22 Feb 2024 16:47

Tgt Ion: 117 Resp: 12217
Ion Ratio Lower Upper
117 100
119 4.4 75.8 113.6#
121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 55.905 ug/l

RT: 10.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017462.D

Acq: 22 Feb 2024 16:47

Instrument :

MSVOA_Y

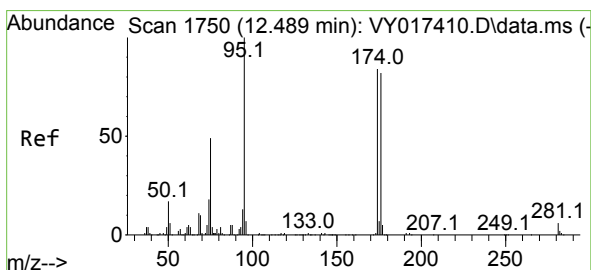
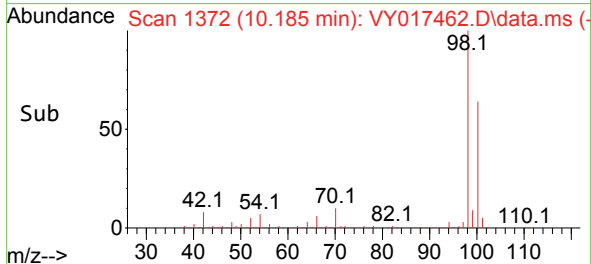
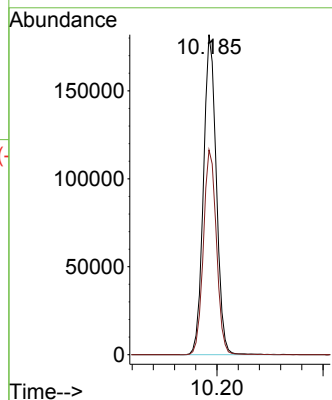
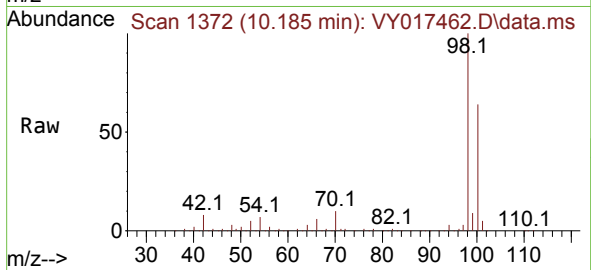
ClientSampleId :

Tgt Ion: 98 Resp: 305802

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 45.783 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY017462.D

Acq: 22 Feb 2024 16:47

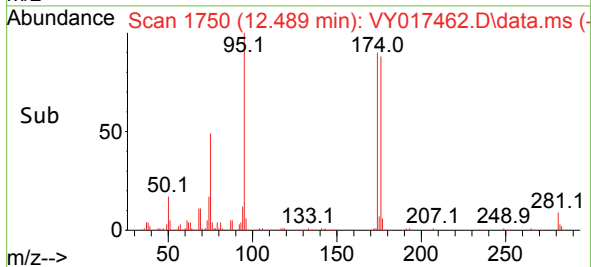
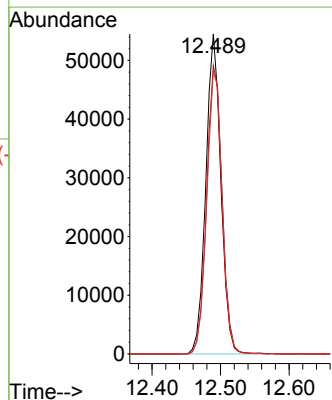
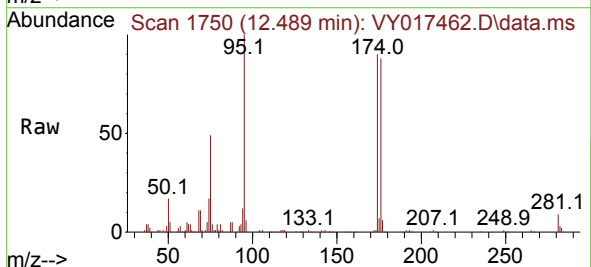
Tgt Ion: 95 Resp: 83249

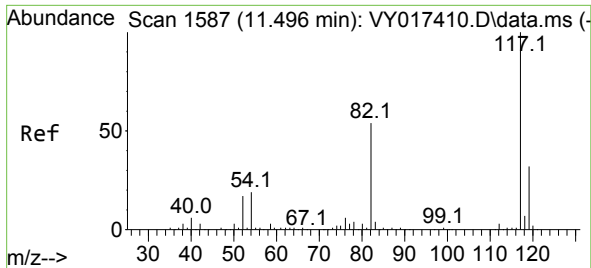
Ion Ratio Lower Upper

95 100

174 93.3 0.0 175.6

176 90.5 0.0 171.4

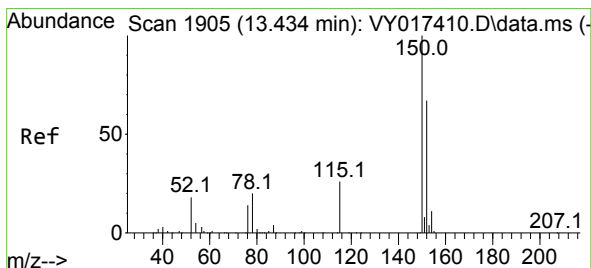
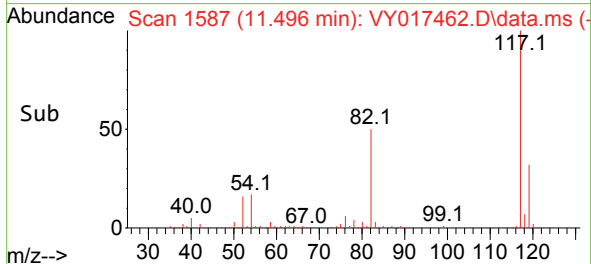
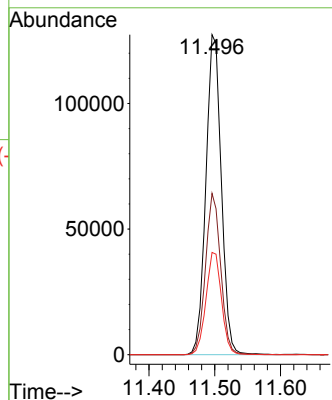
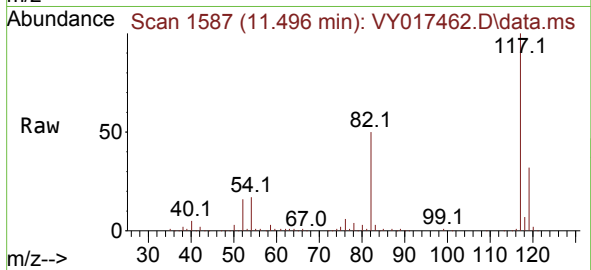




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY017462.D
Acq: 22 Feb 2024 16:47

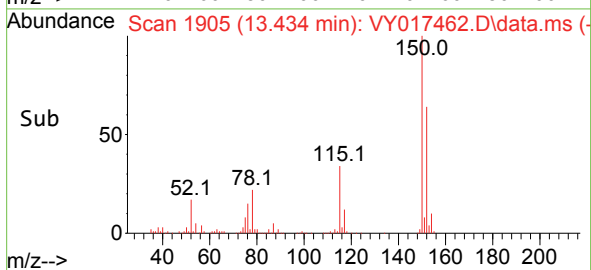
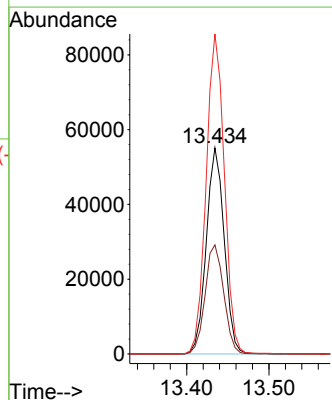
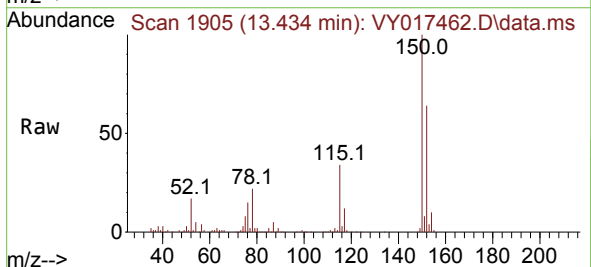
Instrument :
MSVOA_Y
ClientSampleId :

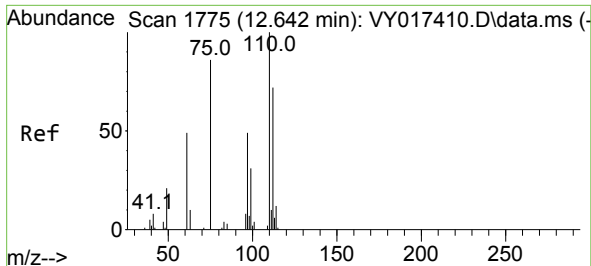
Tgt Ion:117 Resp: 208012
Ion Ratio Lower Upper
117 100
82 50.4 42.4 63.6
119 32.0 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY017462.D
Acq: 22 Feb 2024 16:47

Tgt Ion:152 Resp: 83667
Ion Ratio Lower Upper
152 100
115 55.0 28.2 84.7
150 157.4 0.0 345.6

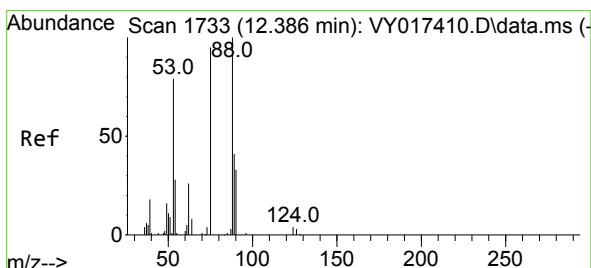
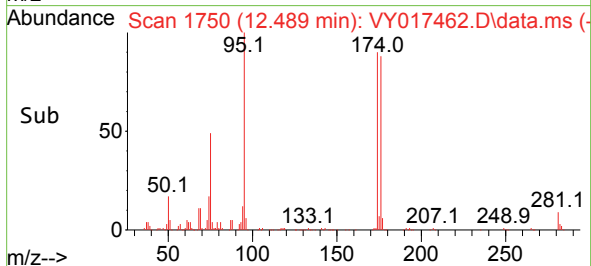
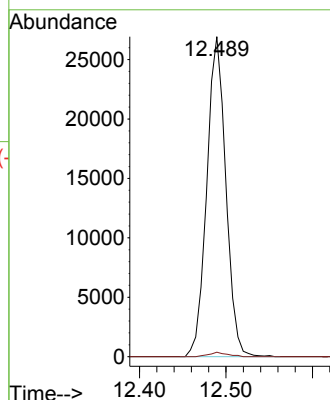
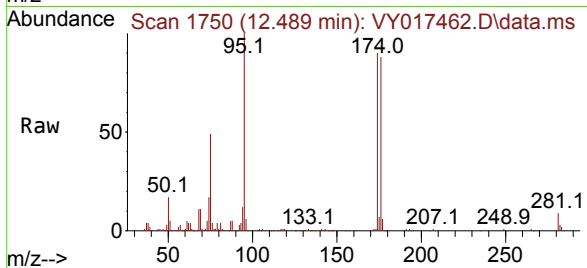




#76
1,2,3-Trichloropropane
Concen: 50.749 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.152 min
Lab File: VY017462.D
Acq: 22 Feb 2024 16:47

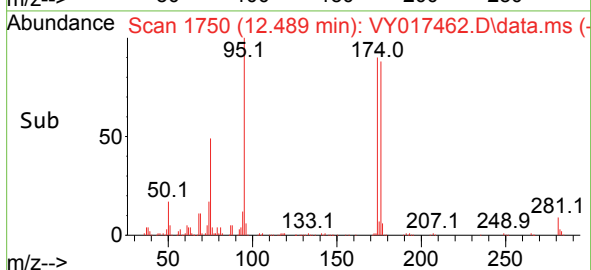
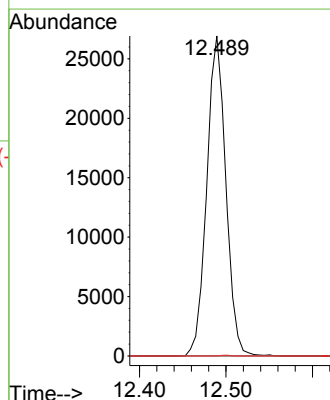
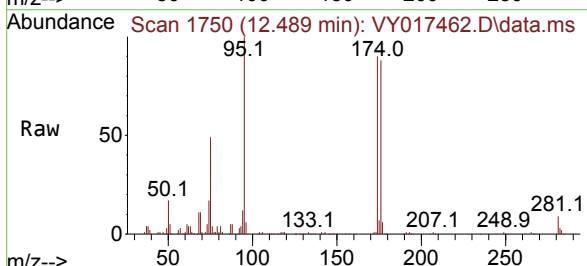
Instrument :
MSVOA_Y
ClientSampleId :

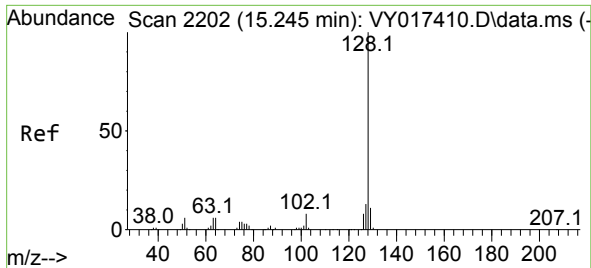
Tgt Ion: 75 Resp: 41169
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 118.324 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY017462.D
Acq: 22 Feb 2024 16:47

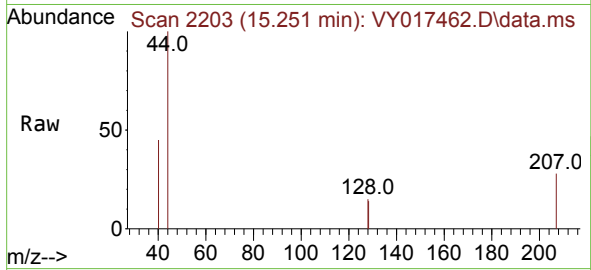
Tgt Ion: 75 Resp: 41169
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#





#95
Naphthalene
Concen: 3.587 ug/l
RT: 15.251 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY017462.D
Acq: 22 Feb 2024 16:47

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 128
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 13.0#

