

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022224\
 Data File : VY017461.D
 Acq On : 22 Feb 2024 16:24
 Operator : SY/MD
 Sample : P1564-01
 Misc : 3.57g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 23 00:31:43 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)

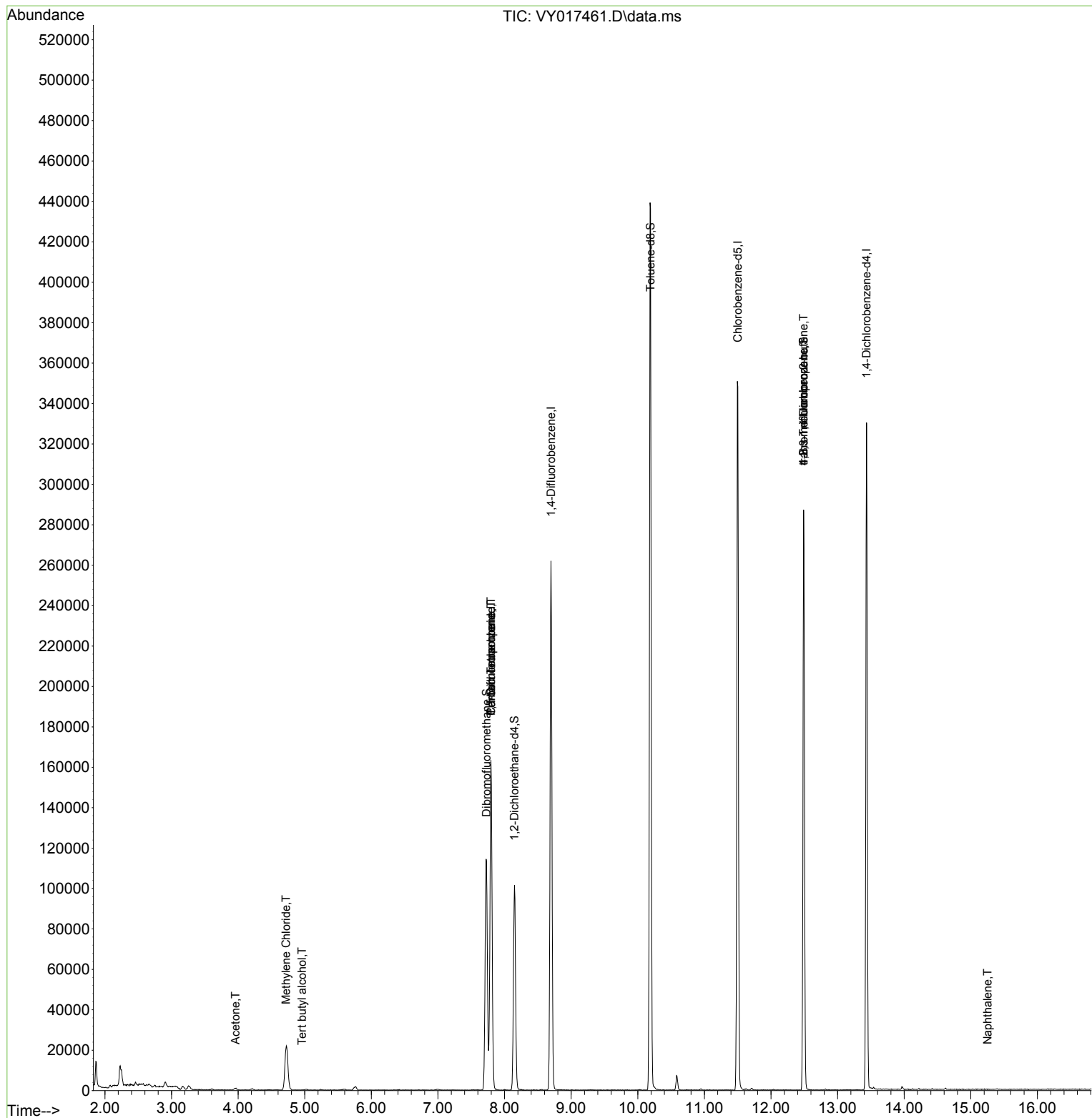
Internal Standards						
1) Pentafluorobenzene	7.795	168	133904	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	239458	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	209047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	88275	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	76006	66.443	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.880%	
35) Dibromofluoromethane	7.728	113	84014	59.937	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 119.880%	
50) Toluene-d8	10.191	98	304424	55.999	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.000%	
62) 4-Bromofluorobenzene	12.489	95	85006	46.992	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 93.980%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.674	94	303	Below Cal	#	70
11) Tert butyl alcohol	4.960	59	112	1.259	ug/l #	88
16) Acetone	3.960	43	1495	6.035	ug/l	97
20) Methylene Chloride	4.716	84	18768	7.133	ug/l	93
36) 1,1-Dichloropropene	7.795	75	9257	3.954	ug/l #	47
38) Carbon Tetrachloride	7.795	117	12576	5.396	ug/l #	16
76) 1,2,3-Trichloropropane	12.489	75	41714	48.737	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	41714	113.632	ug/l #	16
95) Naphthalene	15.251	128	193	3.607	ug/l #	69

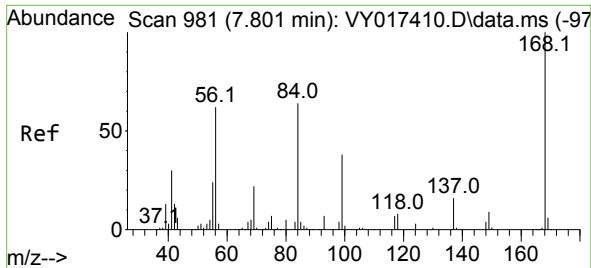
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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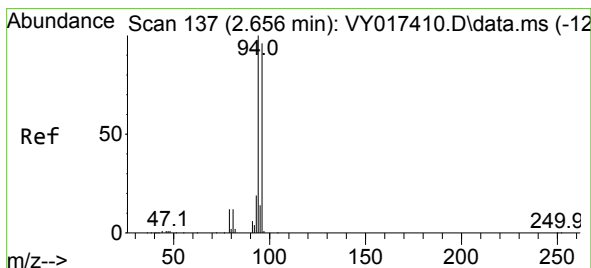
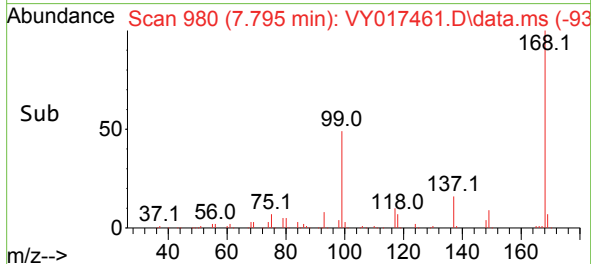
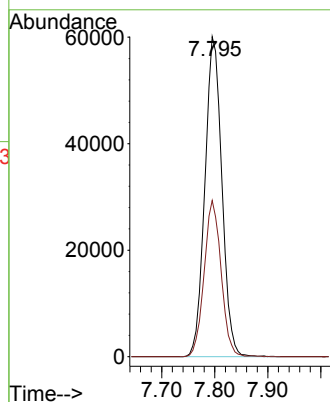
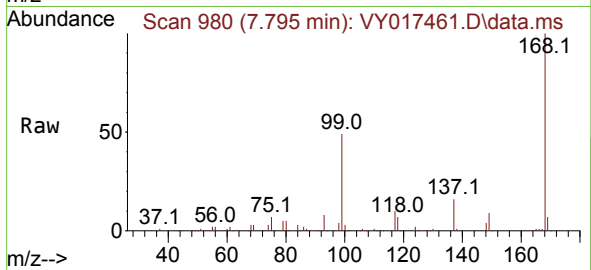




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017461.D
Acq: 22 Feb 2024 16:24

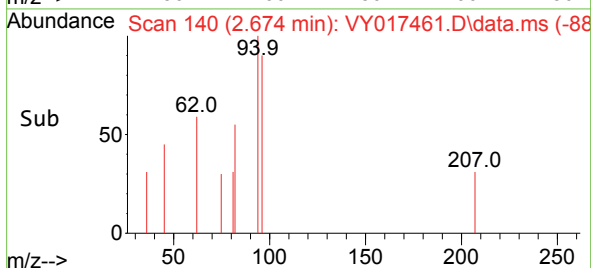
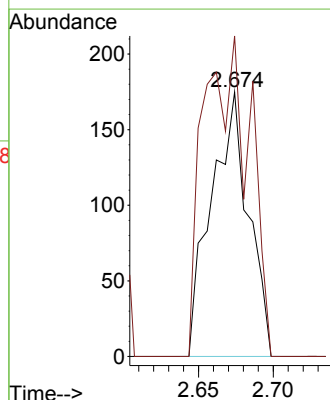
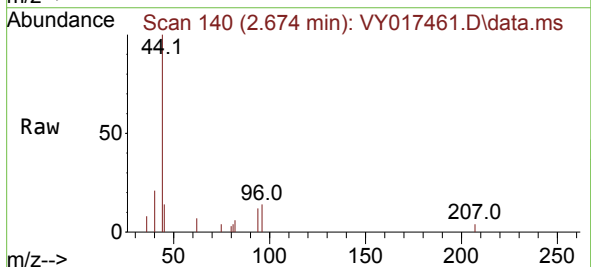
Instrument :
MSVOA_Y
ClientSampleId :

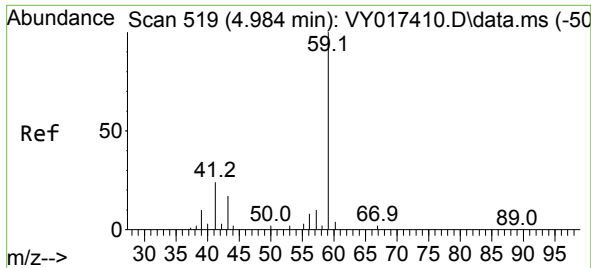
Tgt Ion:168 Resp: 133904
Ion Ratio Lower Upper
168 100
99 48.8 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.674 min Scan# 140
Delta R.T. 0.018 min
Lab File: VY017461.D
Acq: 22 Feb 2024 16:24

Tgt Ion: 94 Resp: 303
Ion Ratio Lower Upper
94 100
96 121.1 74.1 111.1#





#11

Tert butyl alcohol

Concen: 1.259 ug/l

RT: 4.960 min Scan# 51

Delta R.T. -0.024 min

Lab File: VY017461.D

Acq: 22 Feb 2024 16:24

Instrument :

MSVOA_Y

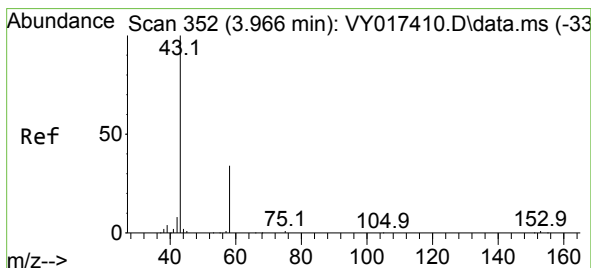
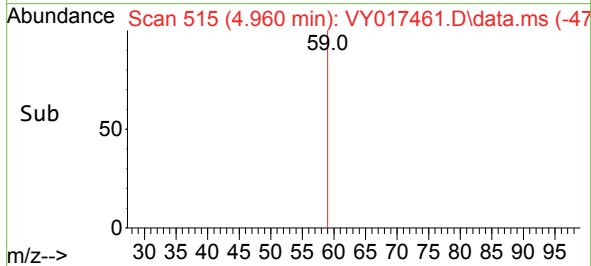
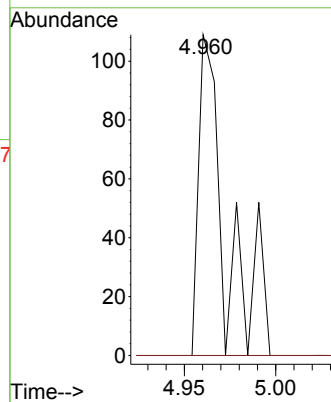
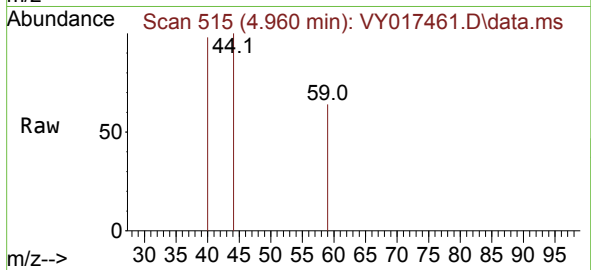
ClientSampleId :

Tgt Ion: 59 Resp: 112

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#16

Acetone

Concen: 6.035 ug/l

RT: 3.960 min Scan# 351

Delta R.T. -0.006 min

Lab File: VY017461.D

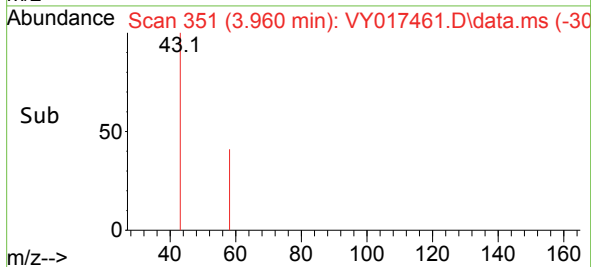
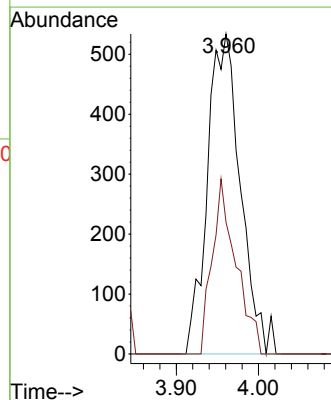
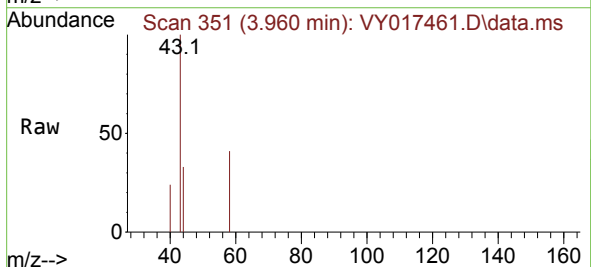
Acq: 22 Feb 2024 16:24

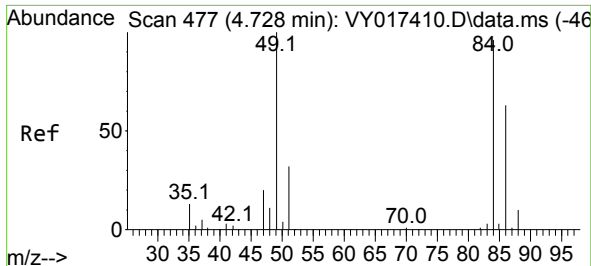
Tgt Ion: 43 Resp: 1495

Ion Ratio Lower Upper

43 100

58 41.2 31.7 47.5





#20

Methylene Chloride

Concen: 7.133 ug/l

RT: 4.716 min Scan# 41

Delta R.T. -0.012 min

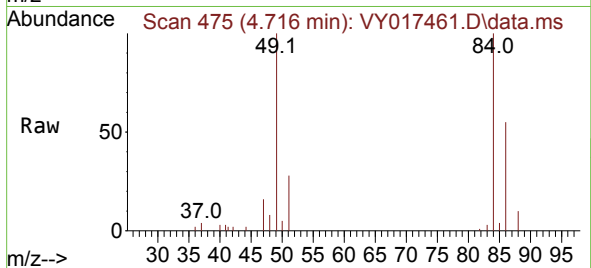
Lab File: VY017461.D

Acq: 22 Feb 2024 16:24

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 18768

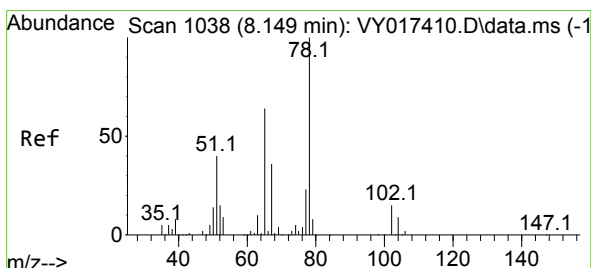
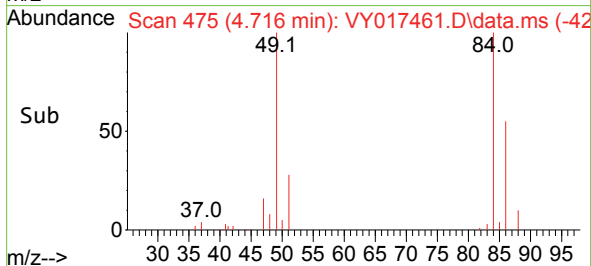
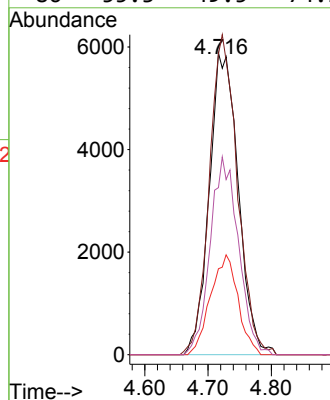
Ion Ratio Lower Upper

84 100

49 99.6 84.4 126.6

51 28.5 26.0 39.0

86 55.3 49.5 74.3



#33

1,2-Dichloroethane-d4

Concen: 66.443 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY017461.D

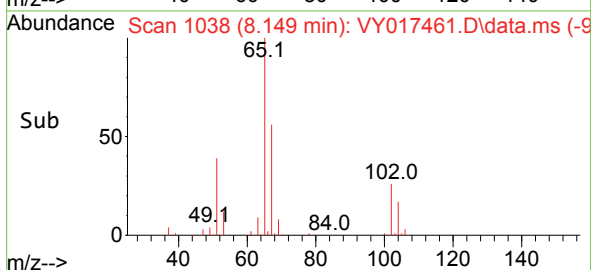
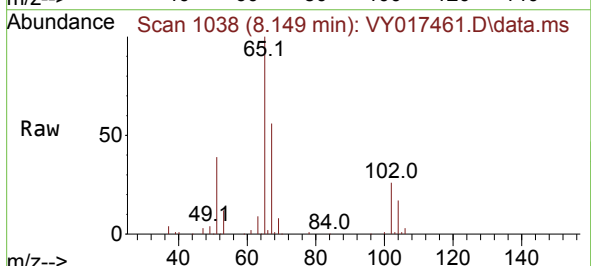
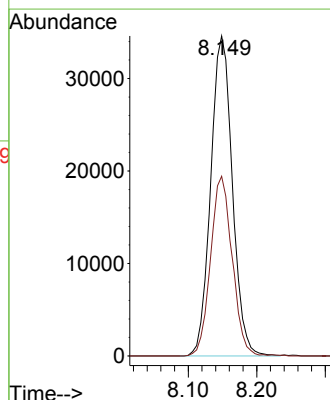
Acq: 22 Feb 2024 16:24

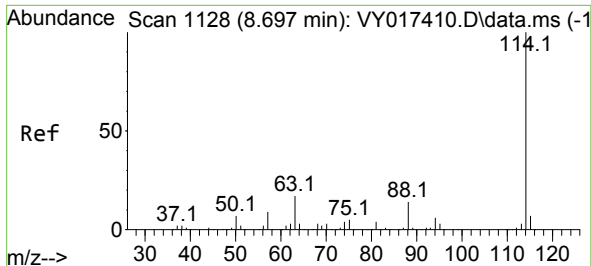
Tgt Ion: 65 Resp: 76006

Ion Ratio Lower Upper

65 100

67 56.1 0.0 109.6

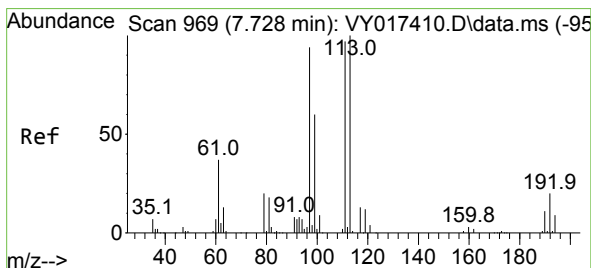
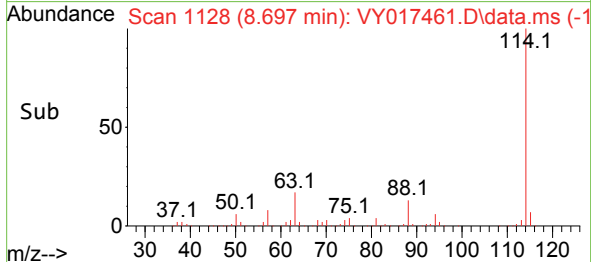
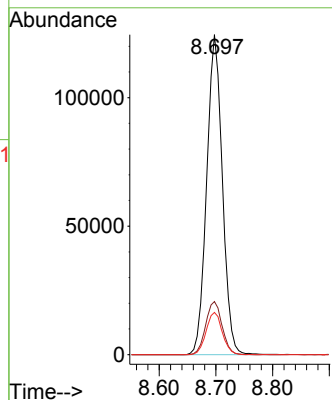
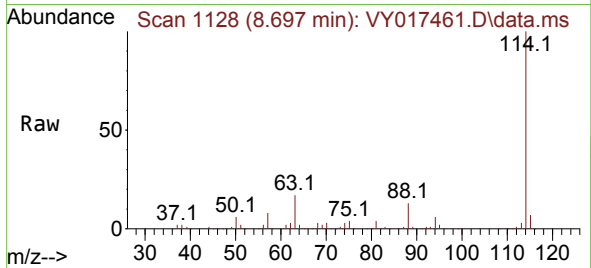




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY017461.D
Acq: 22 Feb 2024 16:24

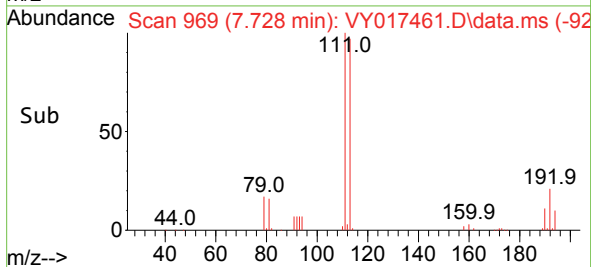
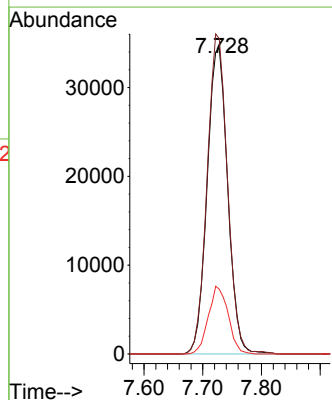
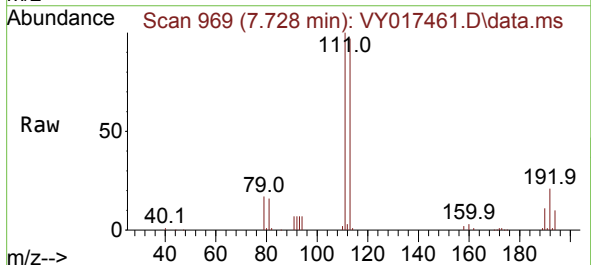
Instrument :
MSVOA_Y
ClientSampleId :

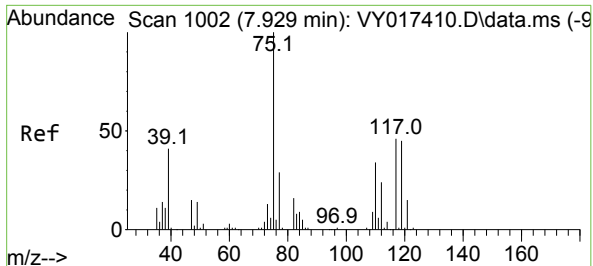
Tgt Ion:114 Resp: 239458
Ion Ratio Lower Upper
114 100
63 16.6 0.0 35.0
88 13.2 0.0 27.2



#35
Dibromofluoromethane
Concen: 59.937 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY017461.D
Acq: 22 Feb 2024 16:24

Tgt Ion:113 Resp: 84014
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.4
192 21.3 15.9 23.9





#36

1,1-Dichloropropene

Concen: 3.954 ug/l

RT: 7.795 min Scan# 9

Delta R.T. -0.134 min

Lab File: VY017461.D

Acq: 22 Feb 2024 16:24

Instrument :

MSVOA_Y

ClientSampleId :

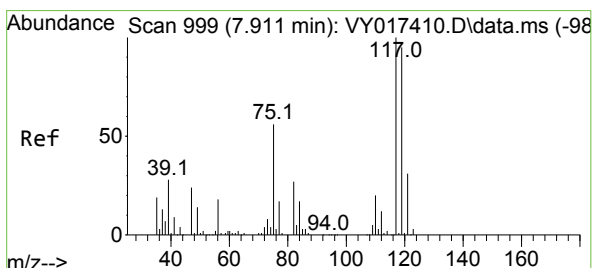
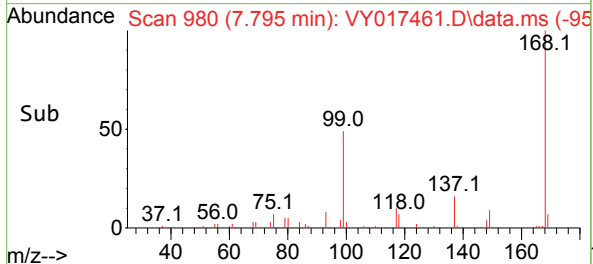
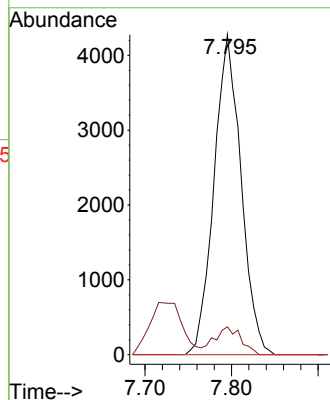
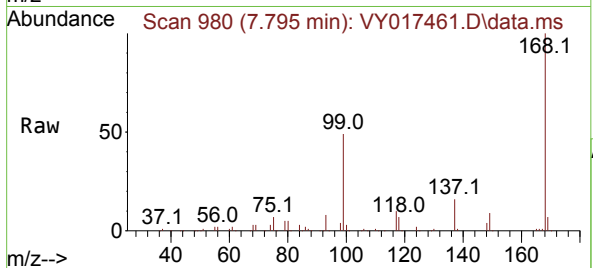
Tgt Ion: 75 Resp: 9257

Ion Ratio Lower Upper

75 100

110 8.5 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.396 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.116 min

Lab File: VY017461.D

Acq: 22 Feb 2024 16:24

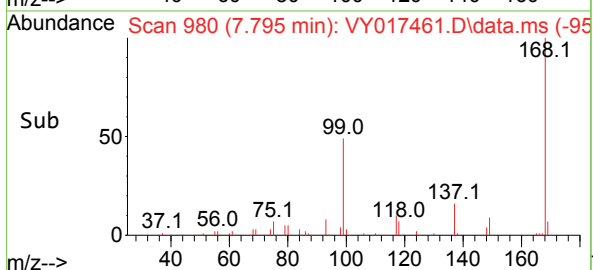
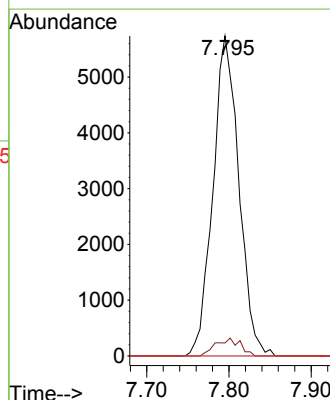
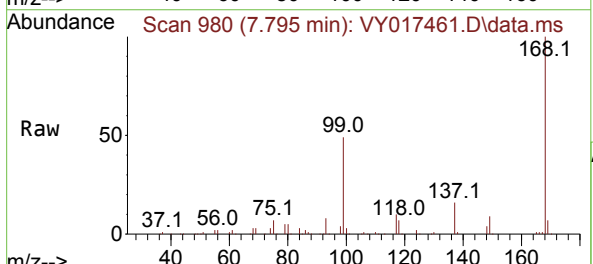
Tgt Ion:117 Resp: 12576

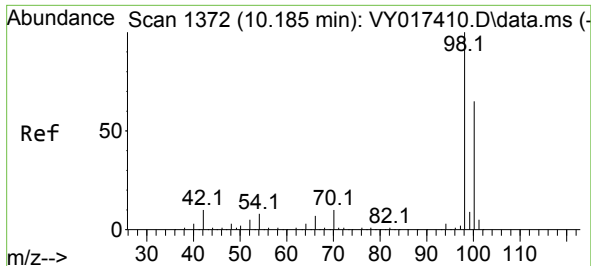
Ion Ratio Lower Upper

117 100

119 4.0 75.8 113.6#

121 0.0 24.0 36.0#

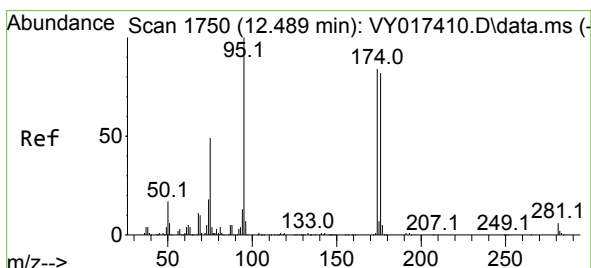
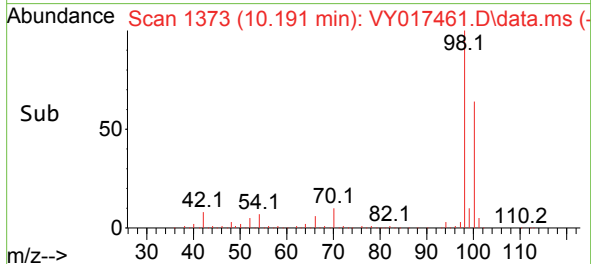
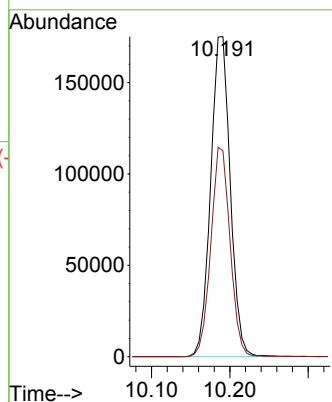
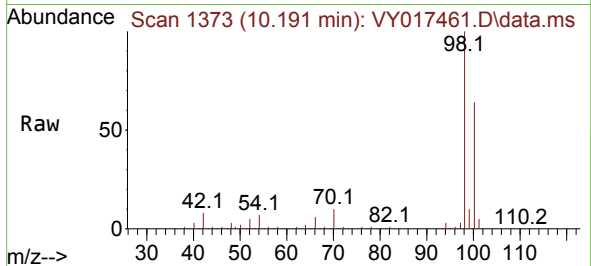




#50
Toluene-d8
Concen: 55.999 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017461.D
Acq: 22 Feb 2024 16:24

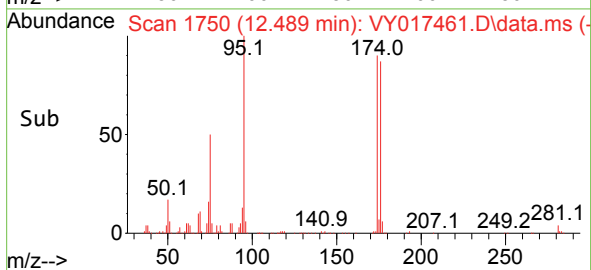
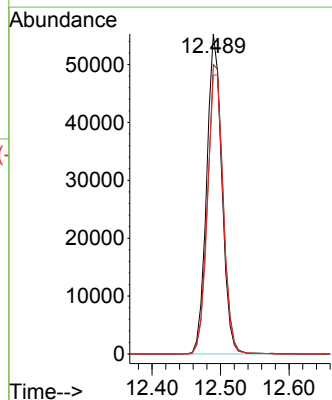
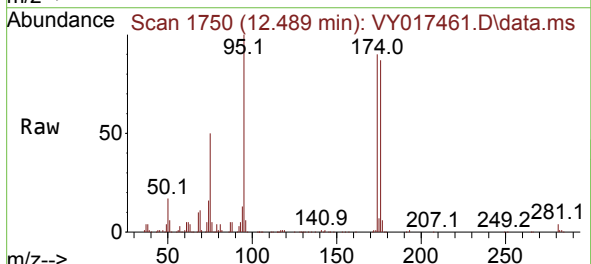
Instrument :
MSVOA_Y
ClientSampleId :

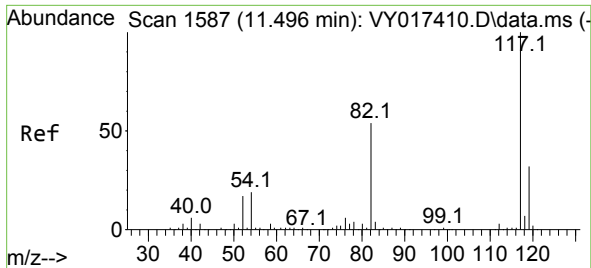
Tgt Ion: 98 Resp: 304424
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.992 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017461.D
Acq: 22 Feb 2024 16:24

Tgt Ion: 95 Resp: 85006
Ion Ratio Lower Upper
95 100
174 94.1 0.0 175.6
176 90.8 0.0 171.4

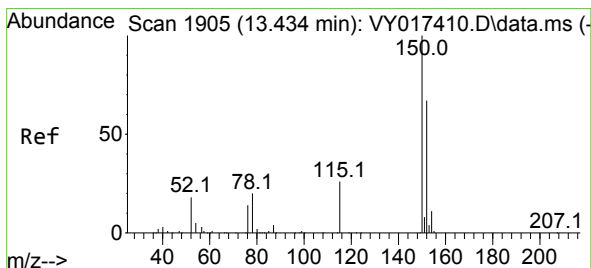
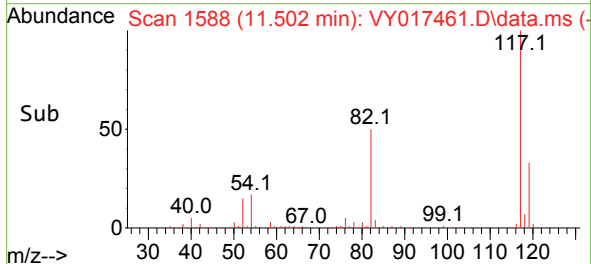
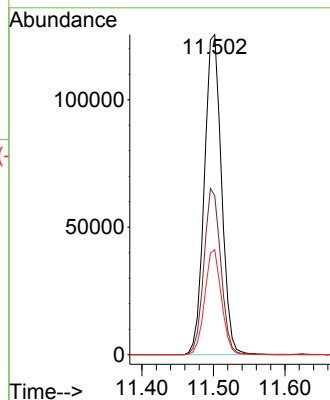
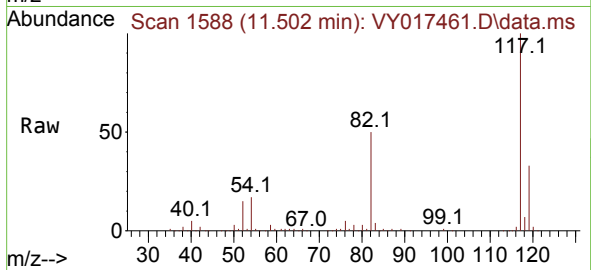




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017461.D
Acq: 22 Feb 2024 16:24

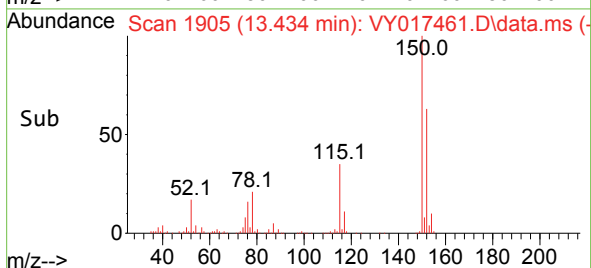
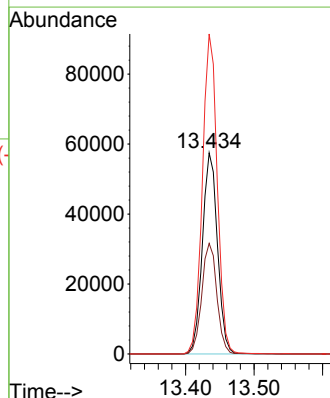
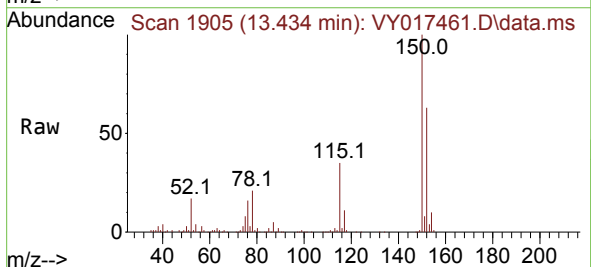
Instrument :
MSVOA_Y
ClientSampleId :

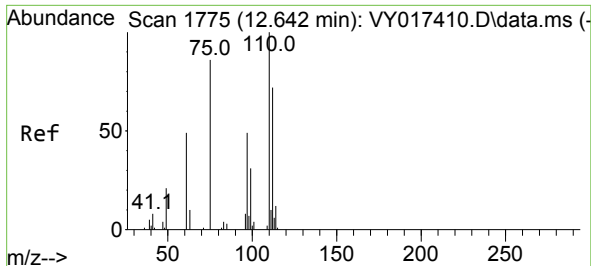
Tgt Ion:117 Resp: 209047
Ion Ratio Lower Upper
117 100
82 49.7 42.4 63.6
119 32.8 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY017461.D
Acq: 22 Feb 2024 16:24

Tgt Ion:152 Resp: 88275
Ion Ratio Lower Upper
152 100
115 54.8 28.2 84.7
150 156.6 0.0 345.6

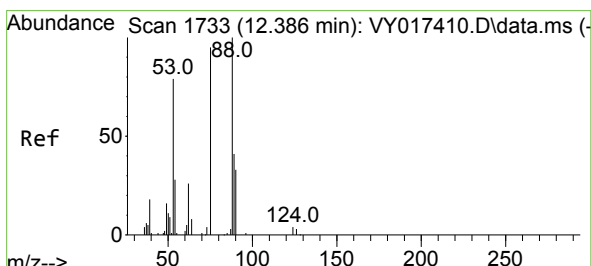
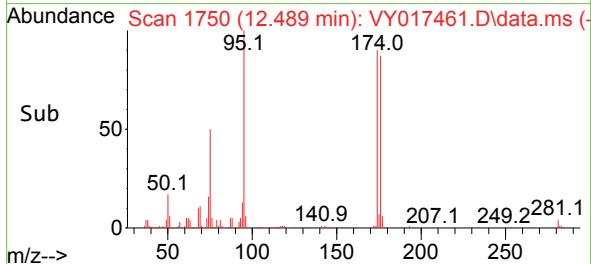
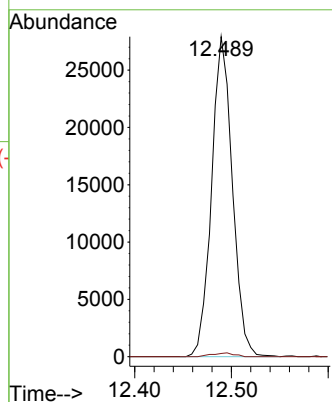
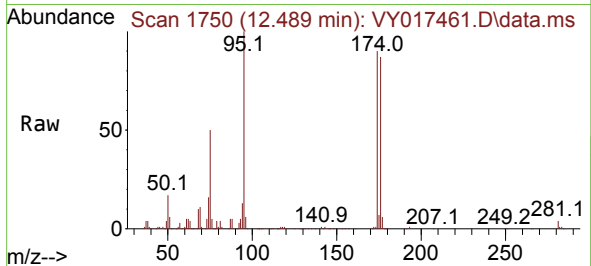




#76
1,2,3-Trichloropropane
Concen: 48.737 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.152 min
Lab File: VY017461.D
Acq: 22 Feb 2024 16:24

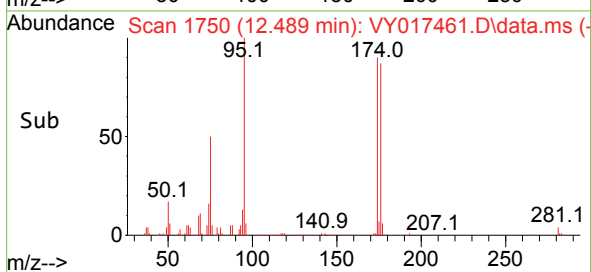
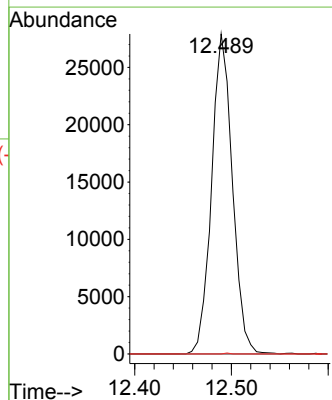
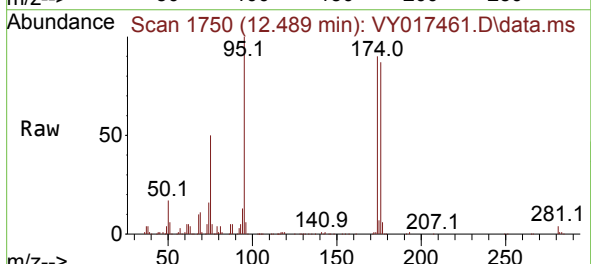
Instrument :
MSVOA_Y
ClientSampleId :

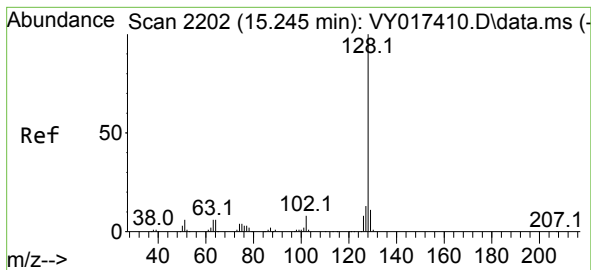
Tgt Ion: 75 Resp: 41714
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 113.632 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY017461.D
Acq: 22 Feb 2024 16:24

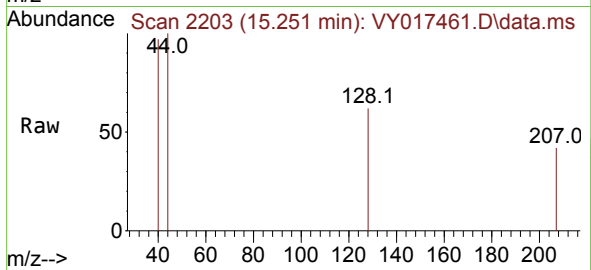
Tgt Ion: 75 Resp: 41714
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#





#95
Naphthalene
Concen: 3.607 ug/l
RT: 15.251 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY017461.D
Acq: 22 Feb 2024 16:24

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 193
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 13.0#

