

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020624\
 Data File : VY017254.D
 Acq On : 06 Feb 2024 10:51
 Operator : SY/MD
 Sample : VY0206SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0206SBL01

Quant Time: Feb 07 00:05:43 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)

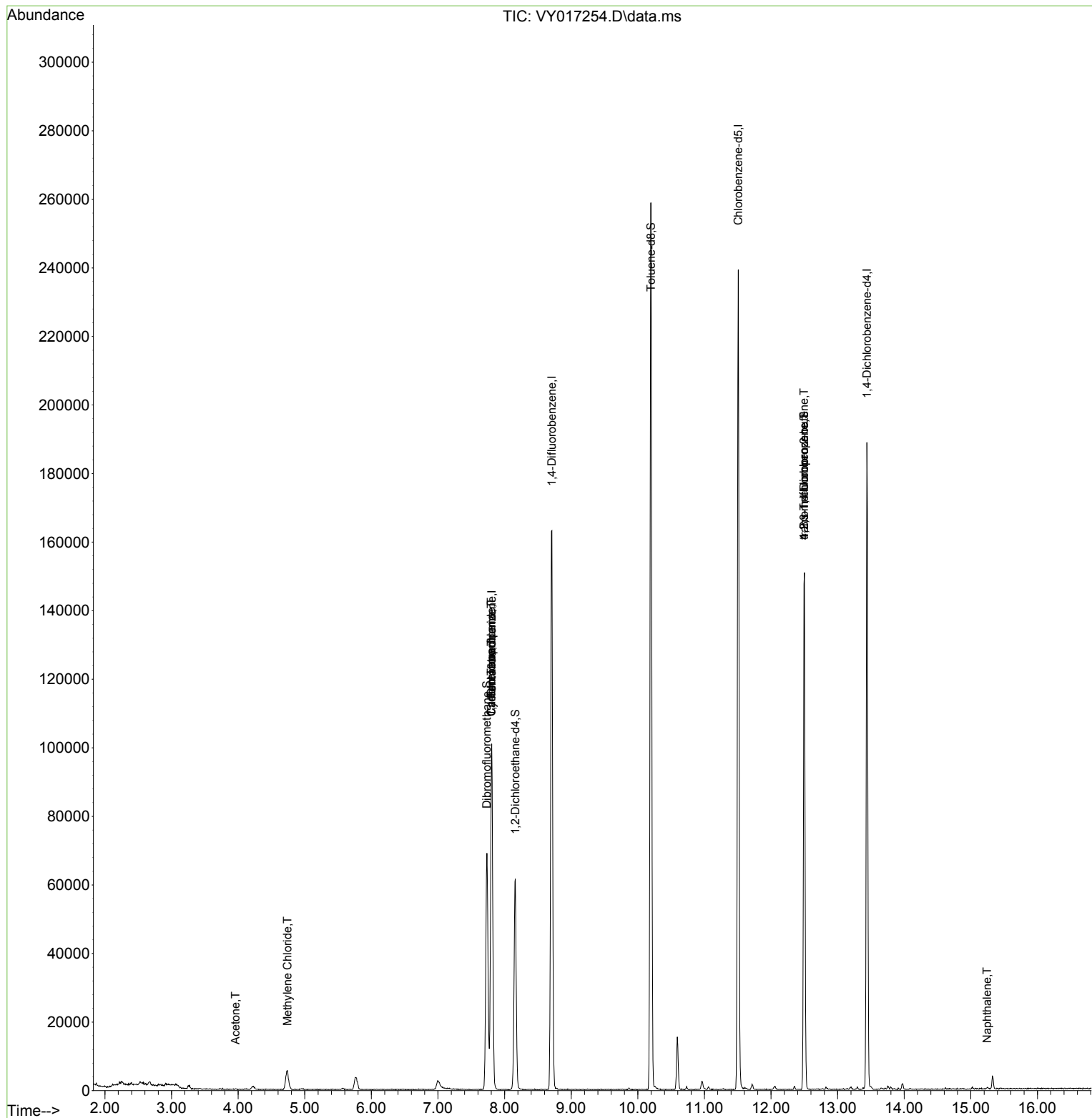
Internal Standards						
1) Pentafluorobenzene	7.807	168	76909	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.710	114	143363	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	130424	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	48060	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	46097	67.093	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.180%	
35) Dibromofluoromethane	7.734	113	49535	63.993	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 127.980%	
50) Toluene-d8	10.197	98	169018	59.971	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 119.940%	
62) 4-Bromofluorobenzene	12.495	95	47300	51.233	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.460%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	210	Below Cal	#	75
16) Acetone	3.960	43	252	1.248	ug/l #	41
20) Methylene Chloride	4.741	84	4379	1.926	ug/l	84
31) Cyclohexane	7.801	56	1572	1.135	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	6497	4.866	ug/l #	49
38) Carbon Tetrachloride	7.801	117	7785	6.090	ug/l #	16
76) 1,2,3-Trichloropropane	12.495	75	24910	56.156	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	24910	116.684	ug/l #	12
95) Naphthalene	15.245	128	477	3.773	ug/l #	75

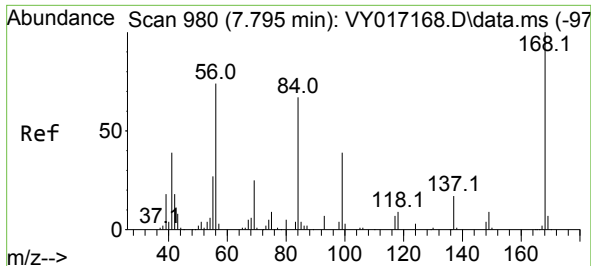
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VY0206SBL01

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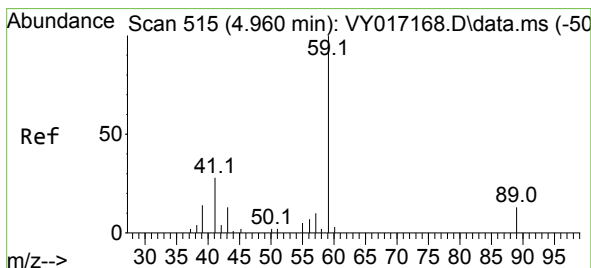
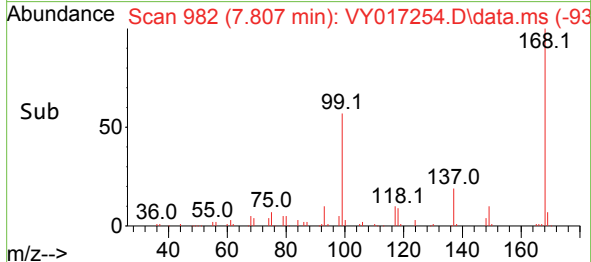
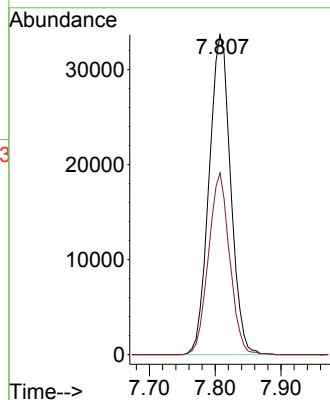
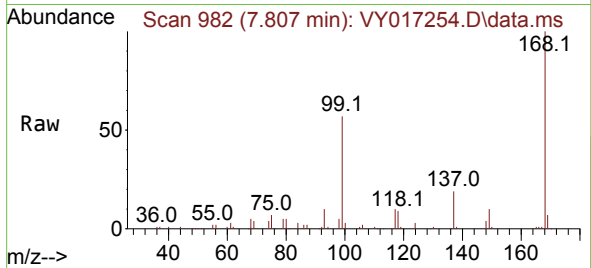




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017254.D
Acq: 06 Feb 2024 10:51

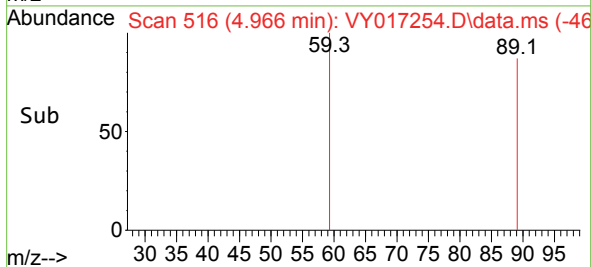
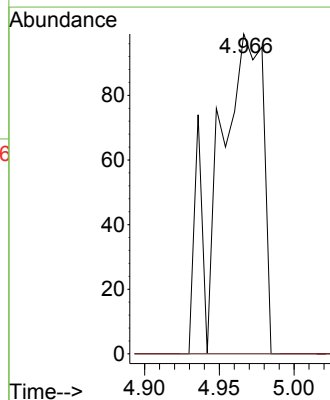
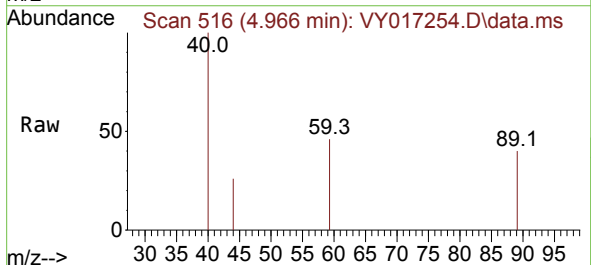
Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBL01

Tgt Ion:168 Resp: 76909
Ion Ratio Lower Upper
168 100
99 56.8 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.966 min Scan# 516
Delta R.T. 0.006 min
Lab File: VY017254.D
Acq: 06 Feb 2024 10:51

Tgt Ion: 59 Resp: 210
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

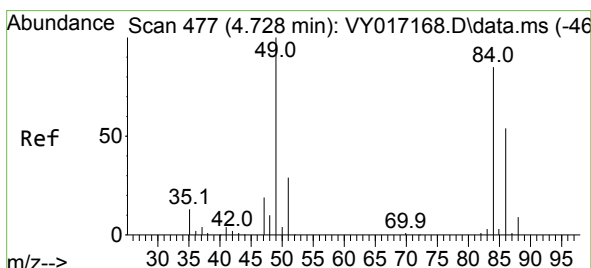
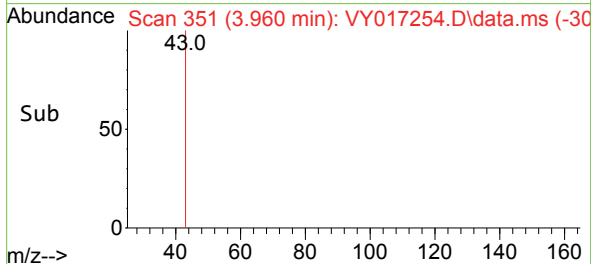
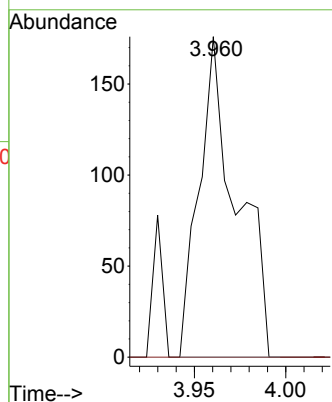
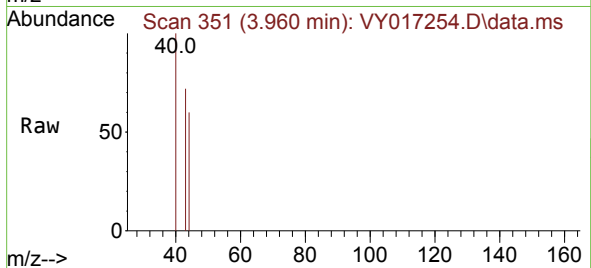




#16
Acetone
Concen: 1.248 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.013 min
Lab File: VY017254.D
Acq: 06 Feb 2024 10:51

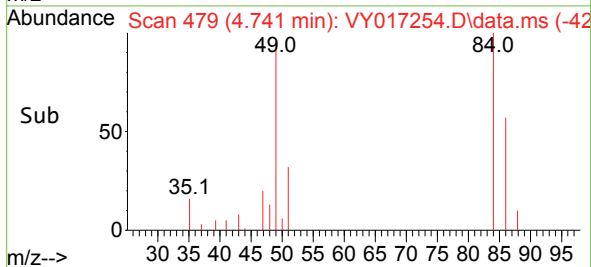
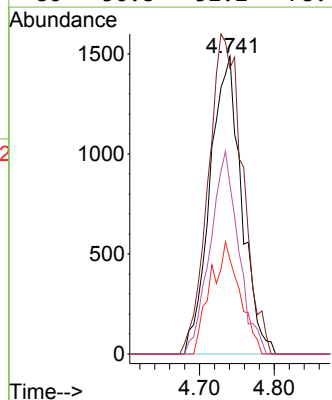
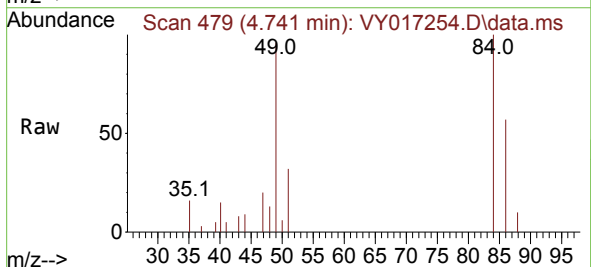
Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBL01

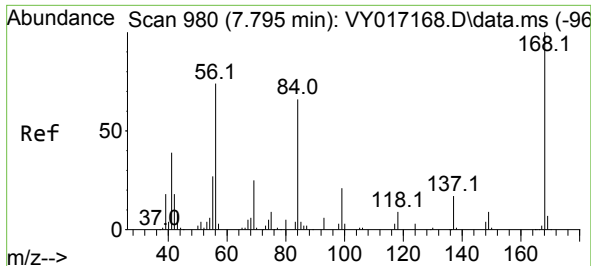
Tgt Ion: 43 Resp: 252
Ion Ratio Lower Upper
43 100
58 0.0 26.6 39.8#



#20
Methylene Chloride
Concen: 1.926 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.013 min
Lab File: VY017254.D
Acq: 06 Feb 2024 10:51

Tgt Ion: 84 Resp: 4379
Ion Ratio Lower Upper
84 100
49 96.2 95.2 142.8
51 31.7 29.9 44.9
86 56.8 52.2 78.4

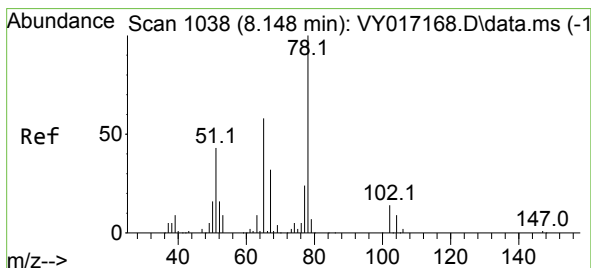
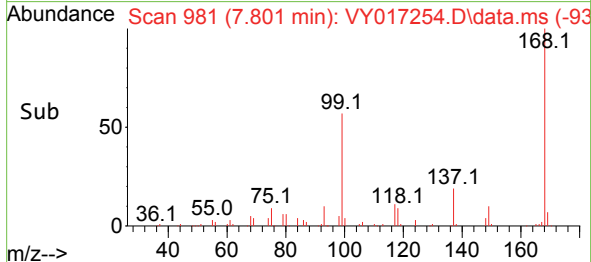
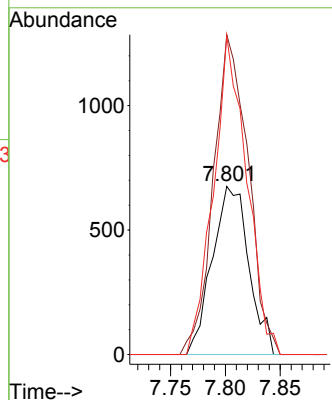
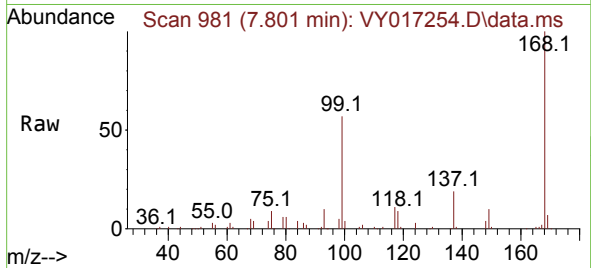




#31
Cyclohexane
Concen: 1.135 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017254.D
Acq: 06 Feb 2024 10:51

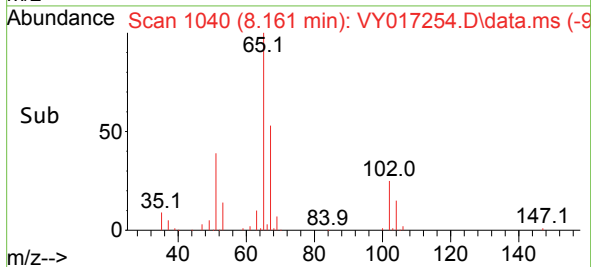
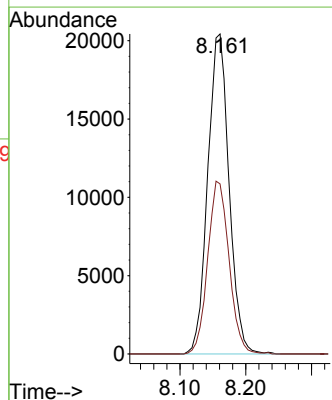
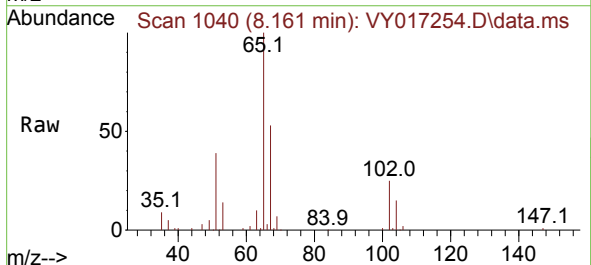
Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBL01

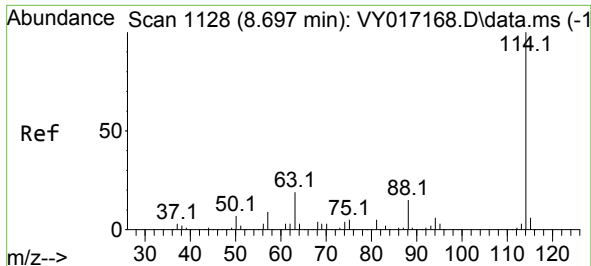
Tgt Ion: 56 Resp: 1572
Ion Ratio Lower Upper
56 100
69 190.1 27.0 40.6#
84 189.6 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 67.093 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.013 min
Lab File: VY017254.D
Acq: 06 Feb 2024 10:51

Tgt Ion: 65 Resp: 46097
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 11

Delta R.T. 0.013 min

Lab File: VY017254.D

Acq: 06 Feb 2024 10:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0206SBL01

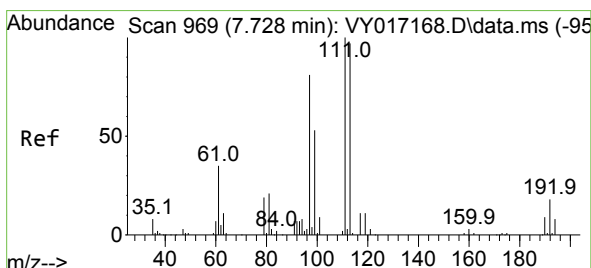
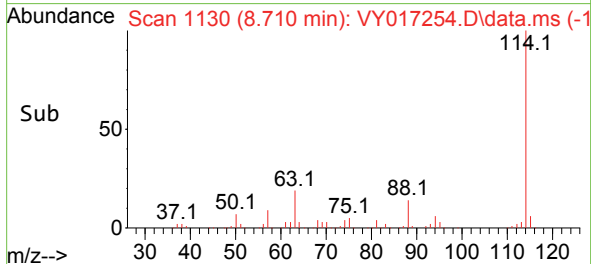
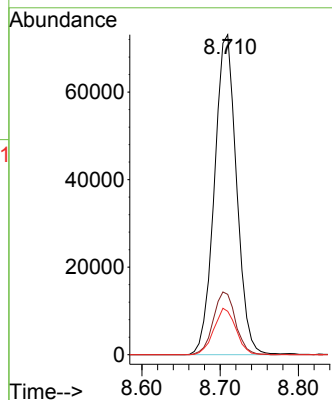
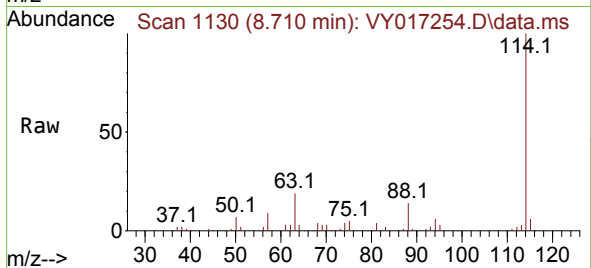
Tgt Ion:114 Resp: 143363

Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.4

88 13.6 0.0 29.0



#35

Dibromofluoromethane

Concen: 63.993 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY017254.D

Acq: 06 Feb 2024 10:51

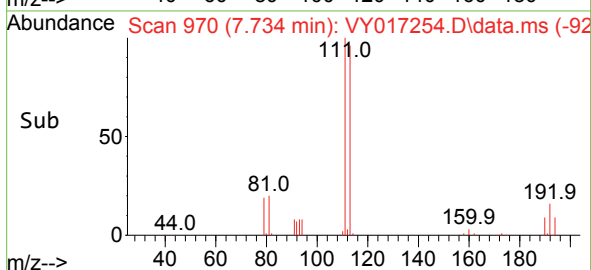
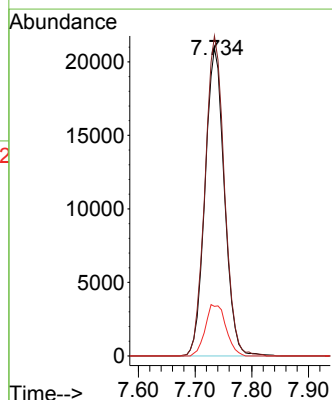
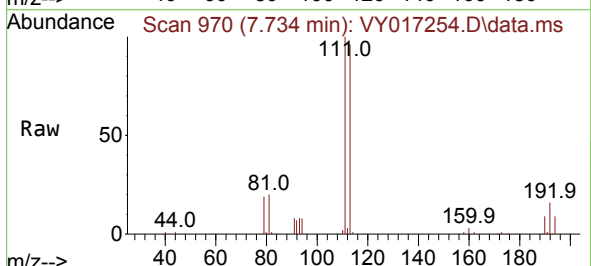
Tgt Ion:113 Resp: 49535

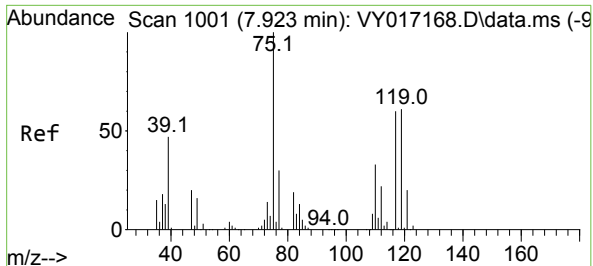
Ion Ratio Lower Upper

113 100

111 104.4 83.8 125.6

192 17.9 14.5 21.7





#36

1,1-Dichloropropene

Concen: 4.866 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.122 min

Lab File: VY017254.D

Acq: 06 Feb 2024 10:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0206SBL01

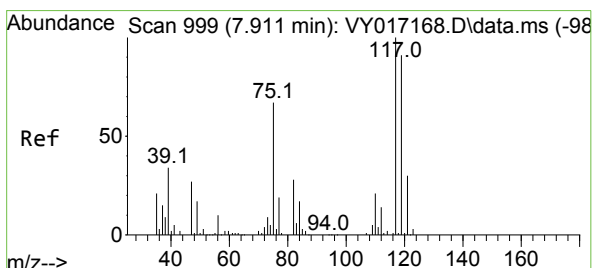
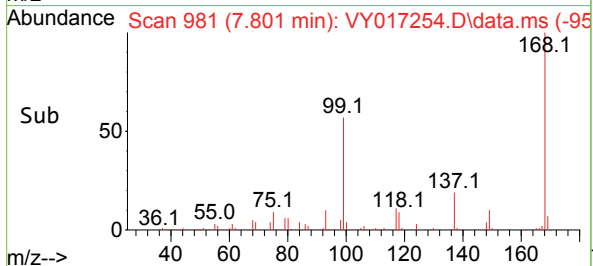
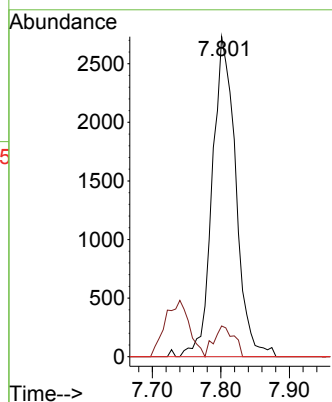
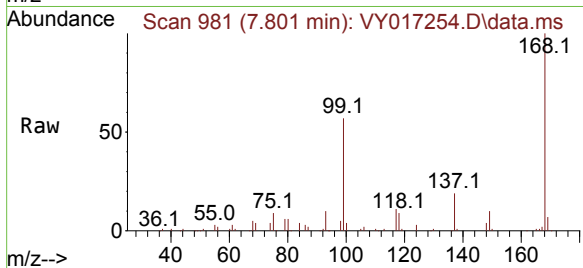
Tgt Ion: 75 Resp: 6497

Ion Ratio Lower Upper

75 100

110 8.1 17.4 52.3#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.090 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.109 min

Lab File: VY017254.D

Acq: 06 Feb 2024 10:51

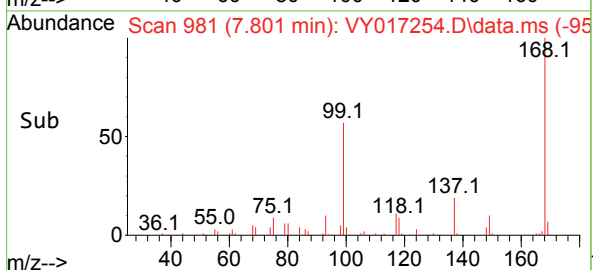
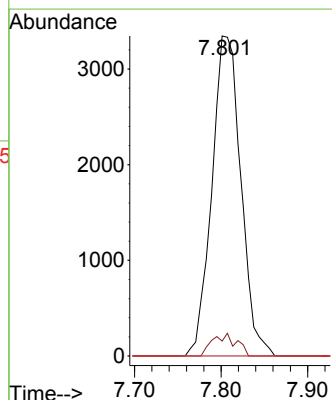
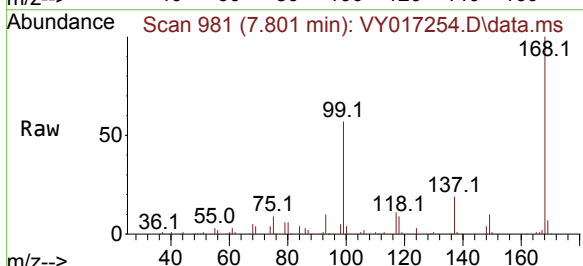
Tgt Ion: 117 Resp: 7785

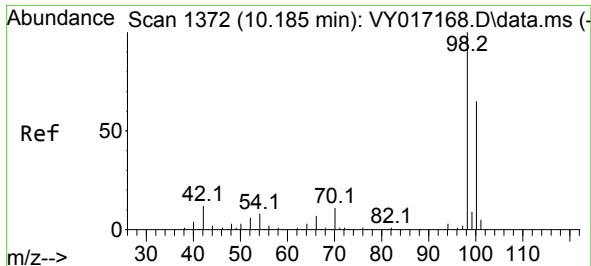
Ion Ratio Lower Upper

117 100

119 4.7 76.0 114.0#

121 0.0 24.2 36.2#

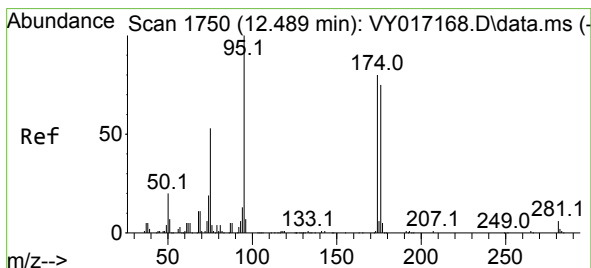
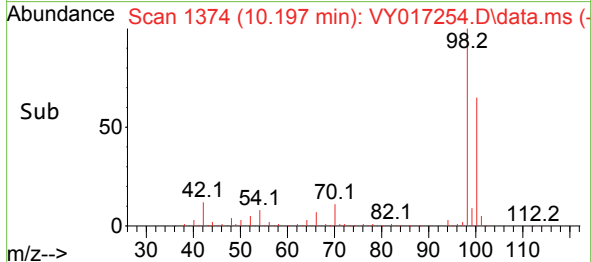
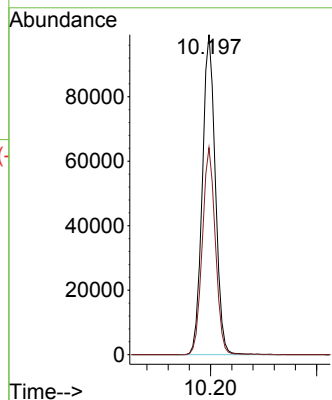
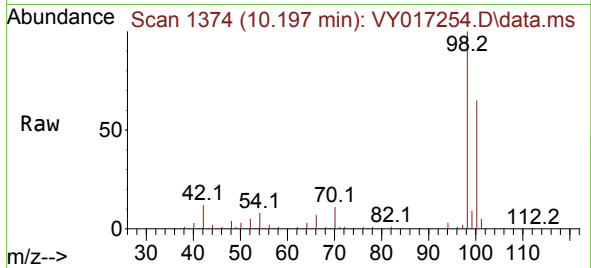




#50
Toluene-d8
Concen: 59.971 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY017254.D
Acq: 06 Feb 2024 10:51

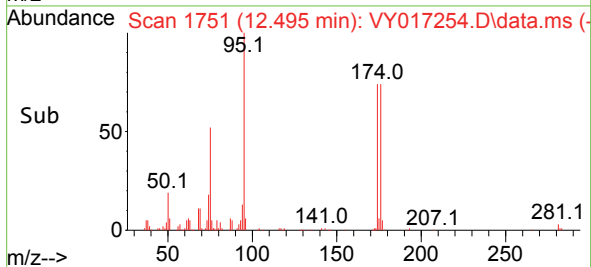
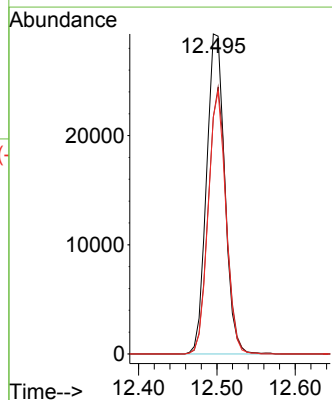
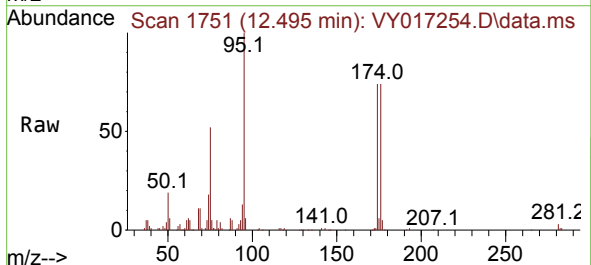
Instrument :
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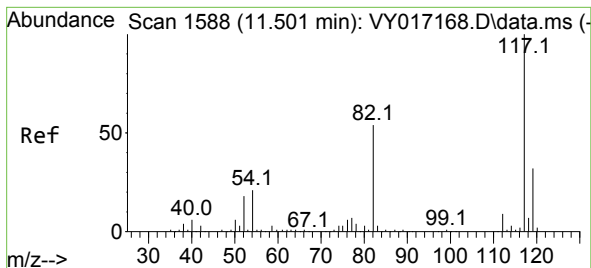
Tgt Ion: 98 Resp: 169018
Ion Ratio Lower Upper
98 100
100 64.8 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 51.233 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017254.D
Acq: 06 Feb 2024 10:51

Tgt Ion: 95 Resp: 47300
Ion Ratio Lower Upper
95 100
174 82.2 0.0 160.0
176 79.6 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017254.D

Acq: 06 Feb 2024 10:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0206SBL01

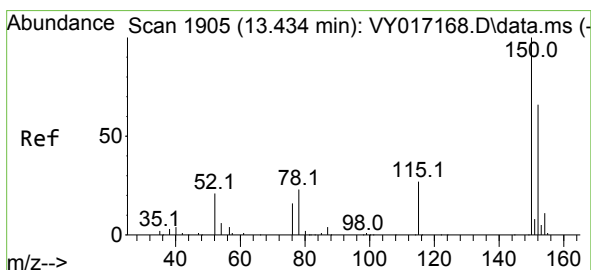
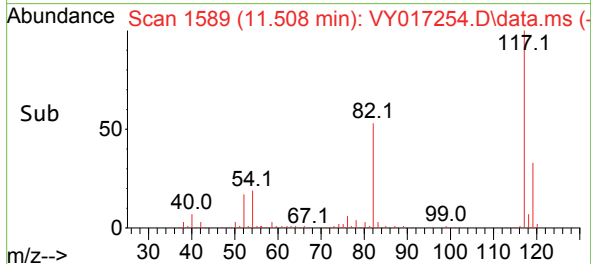
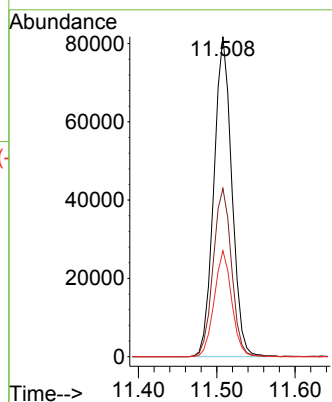
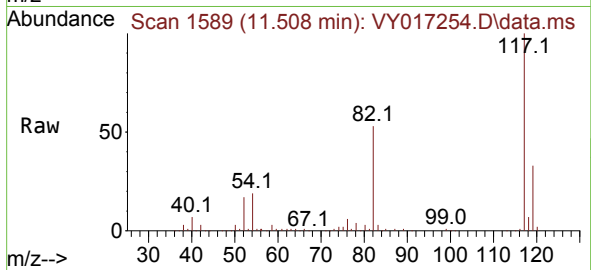
Tgt Ion:117 Resp: 130424

Ion Ratio Lower Upper

117 100

82 52.6 43.8 65.8

119 33.1 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY017254.D

Acq: 06 Feb 2024 10:51

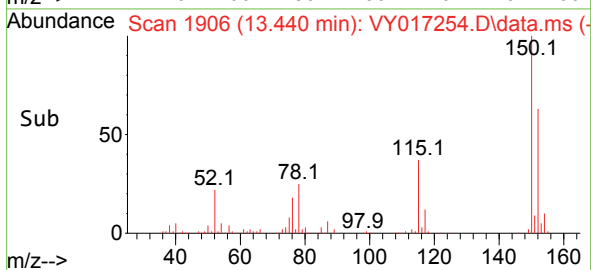
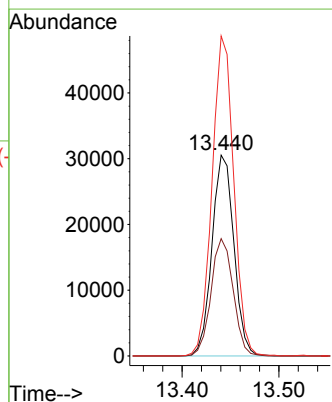
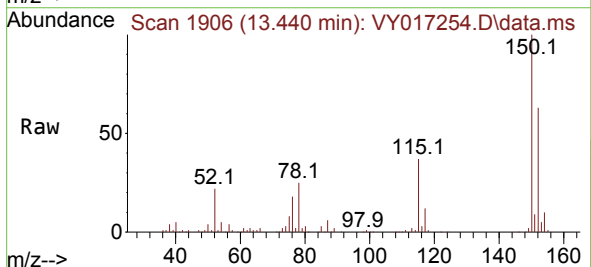
Tgt Ion:152 Resp: 48060

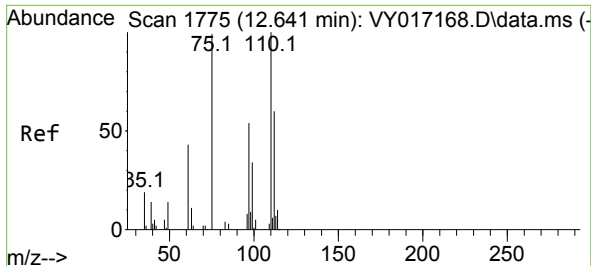
Ion Ratio Lower Upper

152 100

115 58.9 30.0 90.0

150 157.6 0.0 344.6

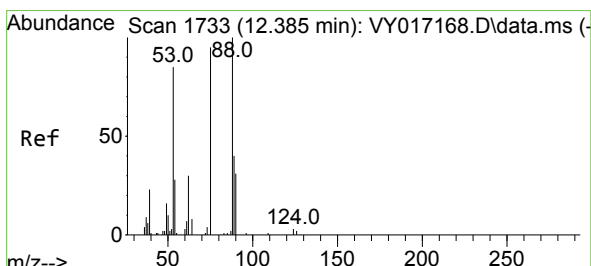
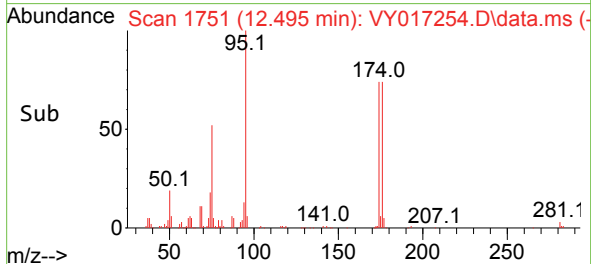
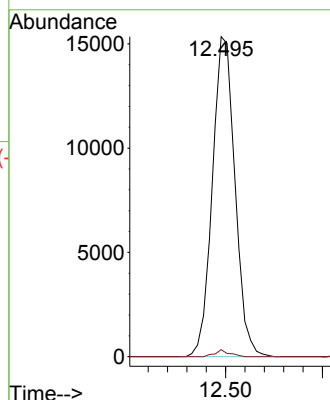
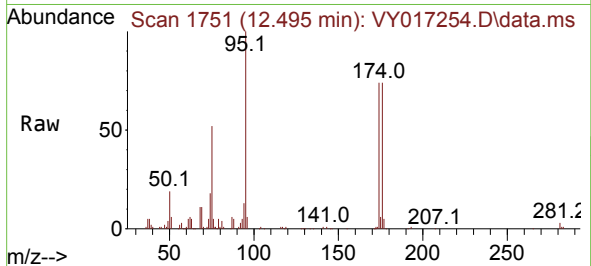




#76
1,2,3-Trichloropropane
Concen: 56.156 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.146 min
Lab File: VY017254.D
Acq: 06 Feb 2024 10:51

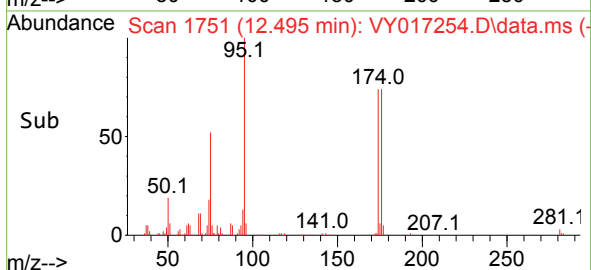
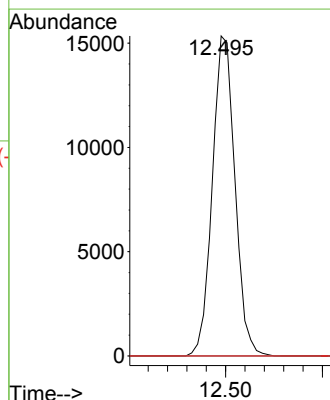
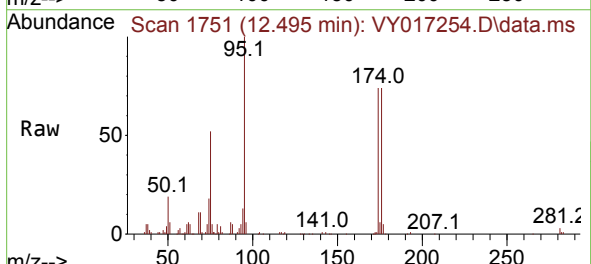
Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBL01

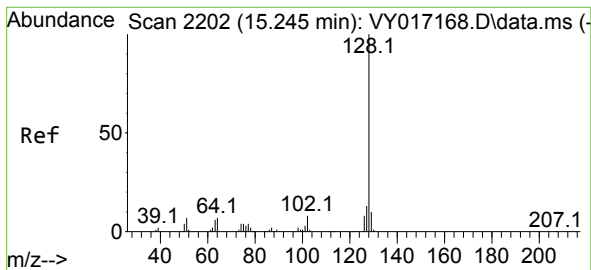
Tgt Ion: 75 Resp: 24910
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 116.684 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.110 min
Lab File: VY017254.D
Acq: 06 Feb 2024 10:51

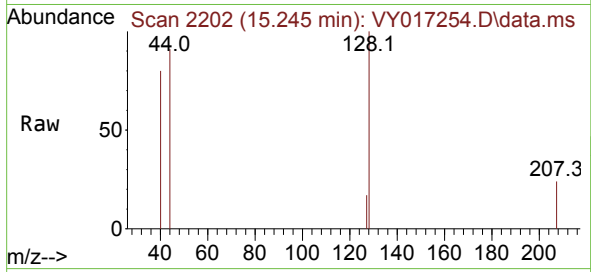
Tgt Ion: 75 Resp: 24910
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#





#95
Naphthalene
Concen: 3.773 ug/l
RT: 15.245 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY017254.D
Acq: 06 Feb 2024 10:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBL01



Tgt Ion:	128	Resp:	477
Ion	Ratio	Lower	Upper
128	100		
127	4.2	10.2	15.4#
129	0.0	8.6	12.8#

