

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112524\
 Data File : VY020438.D
 Acq On : 25 Nov 2024 18:31
 Operator : SY/MD
 Sample : P4954-03
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 26 00:48:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:38:24 2024
 Response via : Initial Calibration

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

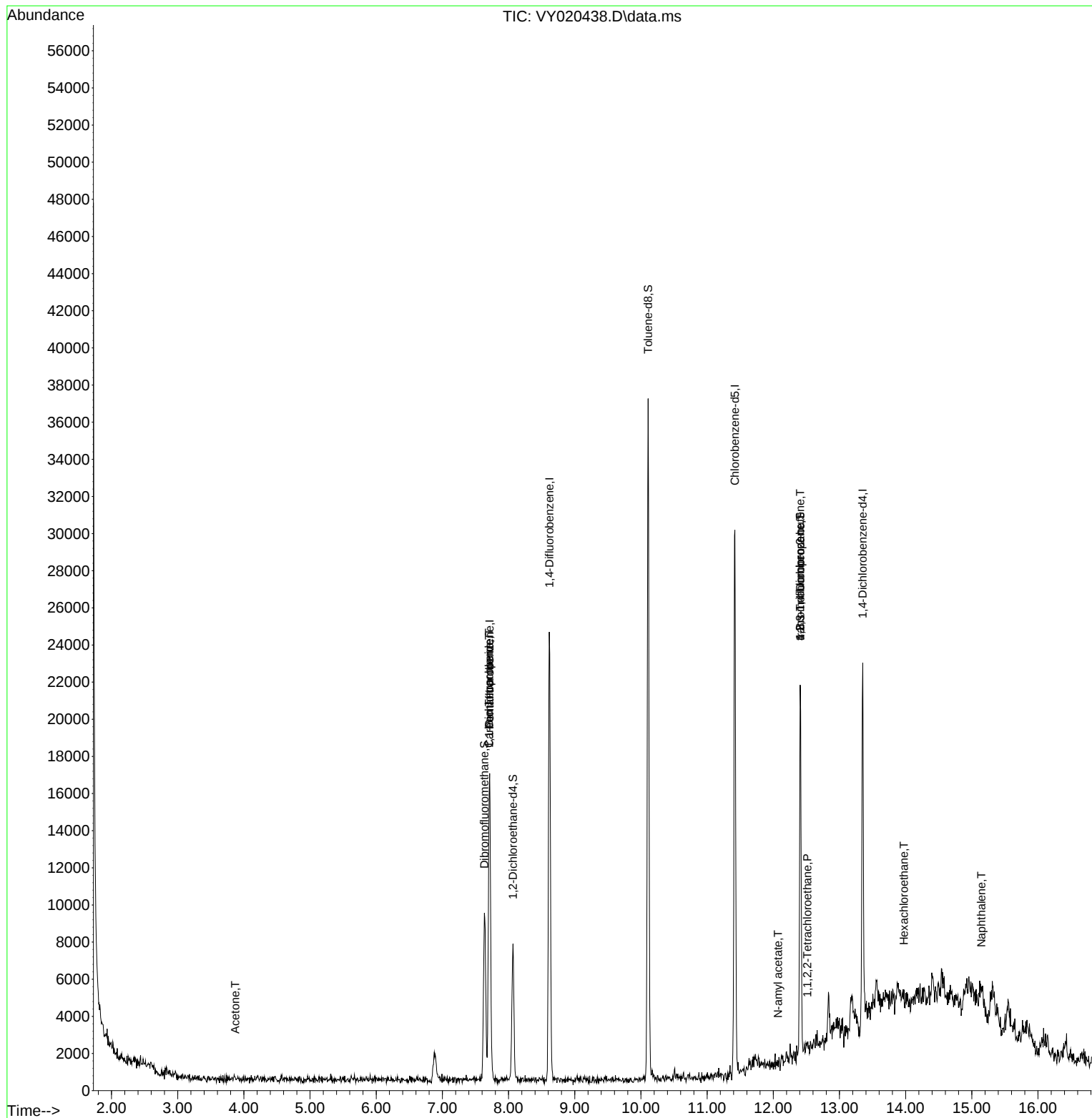
Internal Standards						
1) Pentafluorobenzene	7.713	168	13111	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	20807	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	16571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	4446	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	6413	42.574	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.140%
35) Dibromofluoromethane	7.634	113	6700	50.217	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.440%
50) Toluene-d8	10.109	98	23863	45.404	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.800%
62) 4-Bromofluorobenzene	12.407	95	6478	38.342	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	76.680%
Target Compounds						
					Qvalue	
16) Acetone	3.872	43	153	4.237	ug/l #	43
36) 1,1-Dichloropropene	7.707	75	1101	5.403	ug/l #	43
38) Carbon Tetrachloride	7.707	117	1269	5.964	ug/l #	11
74) N-amyl acetate	12.072	43	120	1.318	ug/l #	44
75) 1,1,2,2-Tetrachloroethane	12.517	83	452	7.426	ug/l #	25
76) 1,2,3-Trichloropropane	12.407	75	3617	86.314	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	3617	169.129	ug/l #	10
90) Hexachloroethane	13.974	117	67	1.060	ug/l #	12
95) Naphthalene	15.145	128	261	1.886	ug/l #	65

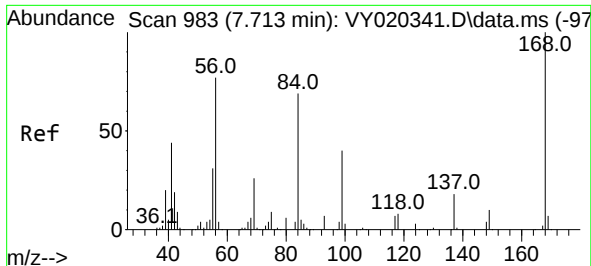
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

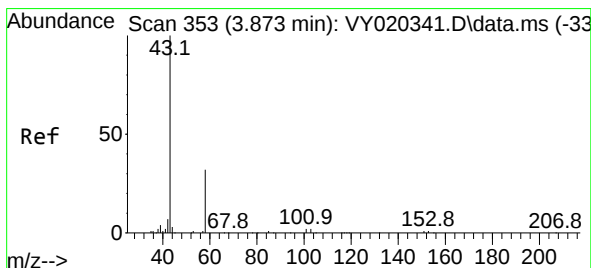
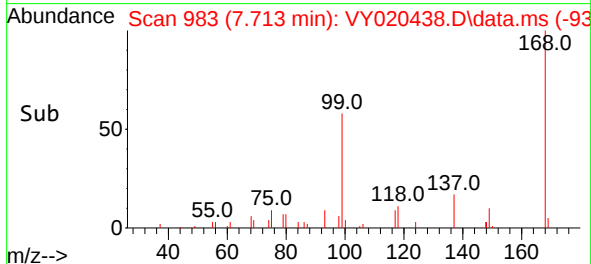
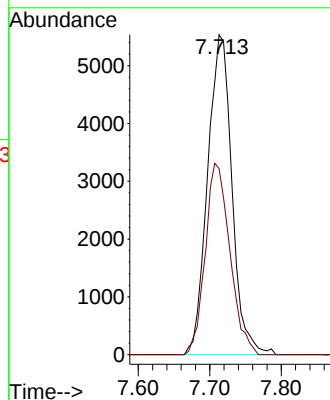
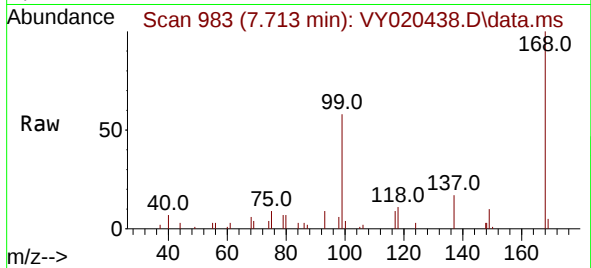




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY020438.D
Acq: 25 Nov 2024 18:31

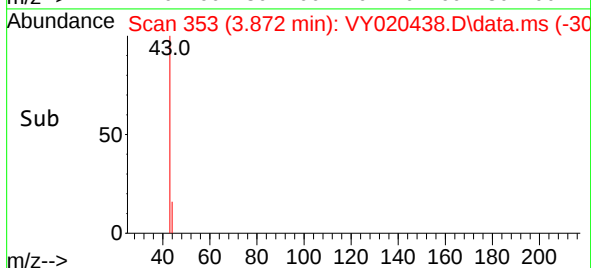
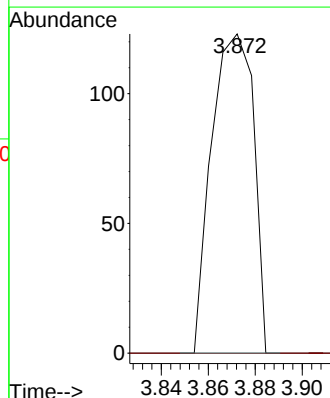
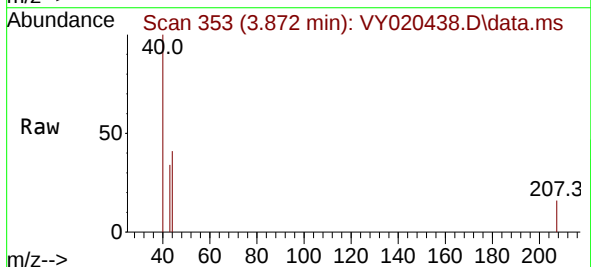
Instrument :
MSVOA_Y
ClientSampleId :

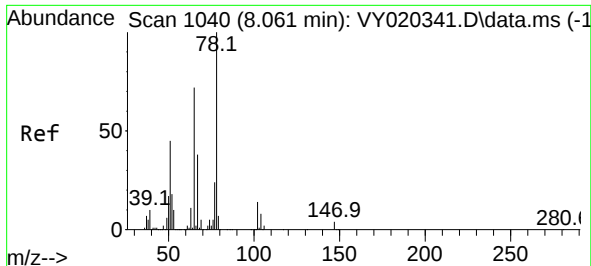
Tgt Ion:168 Resp: 13111
Ion Ratio Lower Upper
168 100
99 58.1 46.6 69.8



#16
Acetone
Concen: 4.237 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.000 min
Lab File: VY020438.D
Acq: 25 Nov 2024 18:31

Tgt Ion: 43 Resp: 153
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#





#33

1,2-Dichloroethane-d4

Concen: 42.574 ug/l

RT: 8.067 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VY020438.D

Acq: 25 Nov 2024 18:31

Instrument :

MSVOA_Y

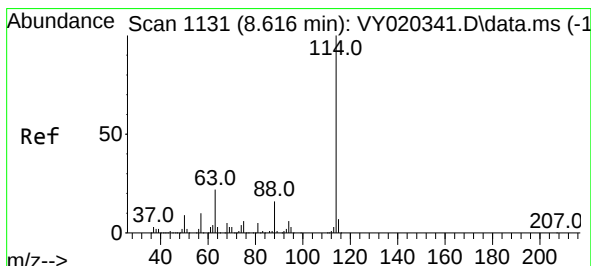
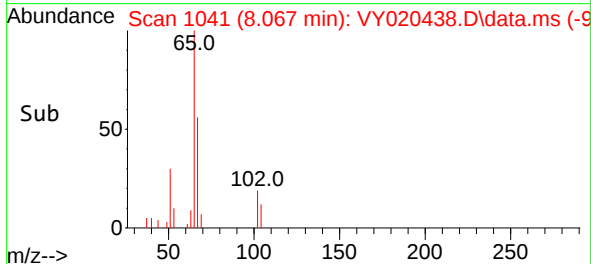
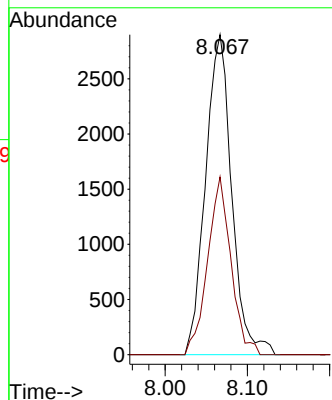
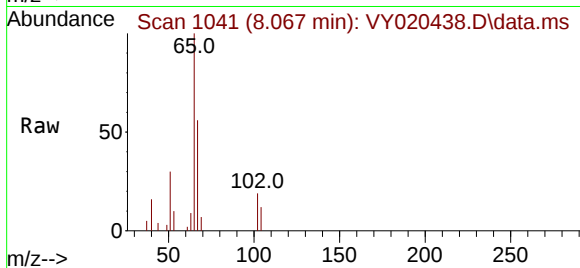
ClientSampleId :

Tgt Ion: 65 Resp: 6413

Ion Ratio Lower Upper

65 100

67 49.6 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY020438.D

Acq: 25 Nov 2024 18:31

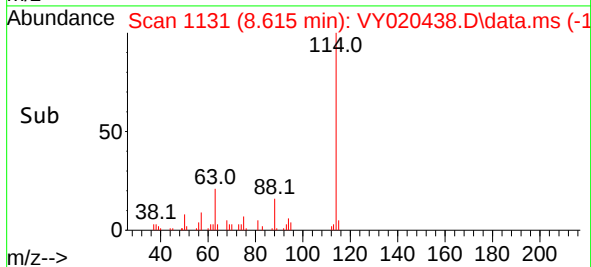
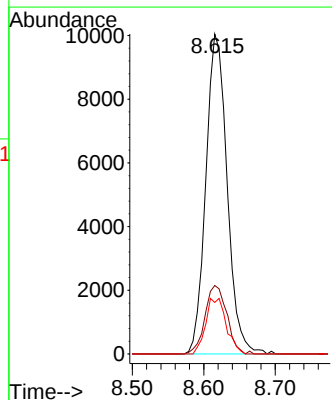
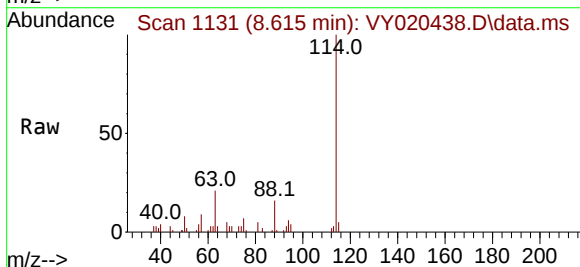
Tgt Ion: 114 Resp: 20807

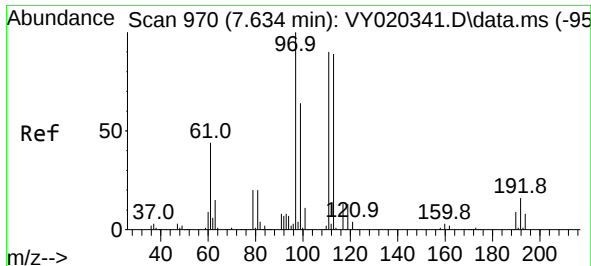
Ion Ratio Lower Upper

114 100

63 21.4 0.0 44.8

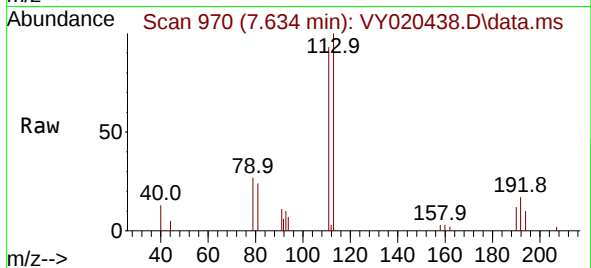
88 16.1 0.0 32.0



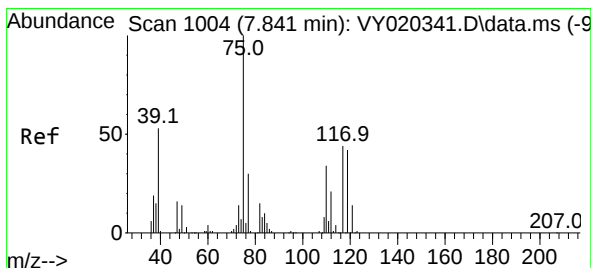
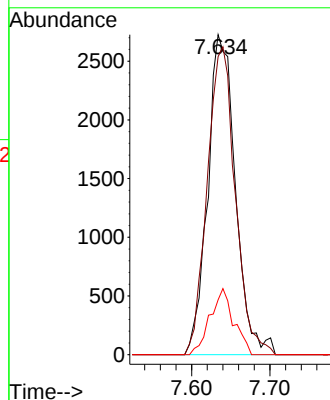
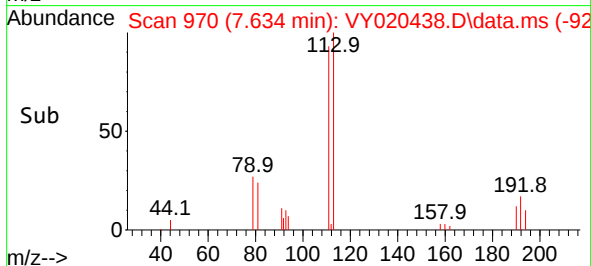


#35
Dibromofluoromethane
Concen: 50.217 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY020438.D
Acq: 25 Nov 2024 18:31

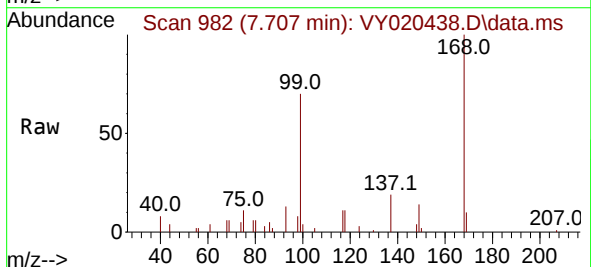
Instrument :
MSVOA_Y
ClientSampleId :



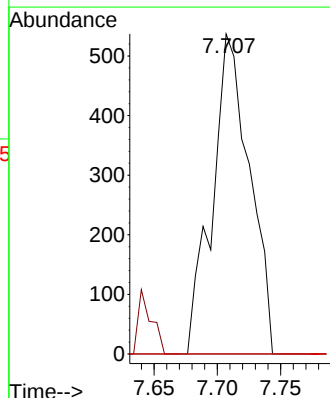
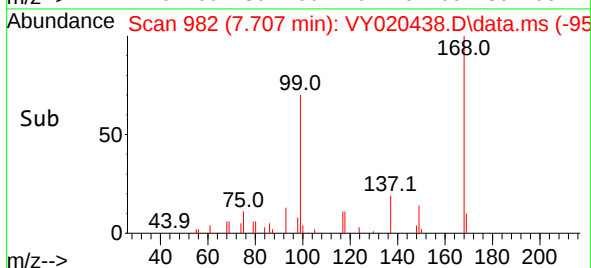
Tgt Ion:113 Resp: 6700
Ion Ratio Lower Upper
113 100
111 97.5 81.4 122.0
192 17.6 15.1 22.7

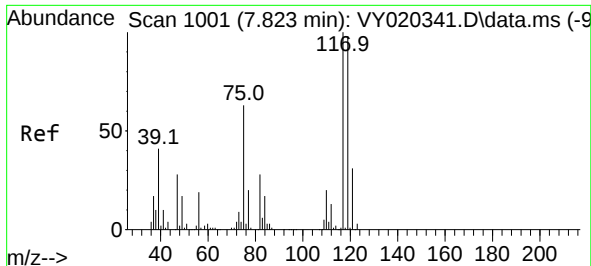


#36
1,1-Dichloropropene
Concen: 5.403 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.134 min
Lab File: VY020438.D
Acq: 25 Nov 2024 18:31



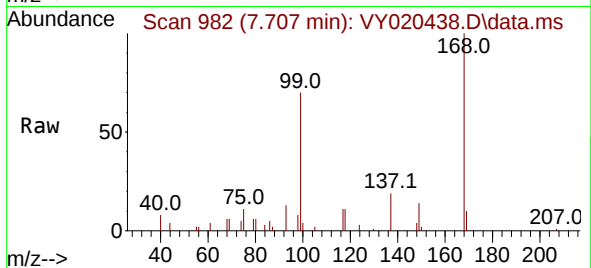
Tgt Ion: 75 Resp: 1101
Ion Ratio Lower Upper
75 100
110 0.0 16.7 50.0#
77 0.0 24.6 36.8#



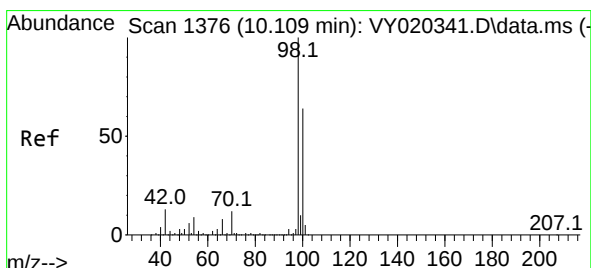
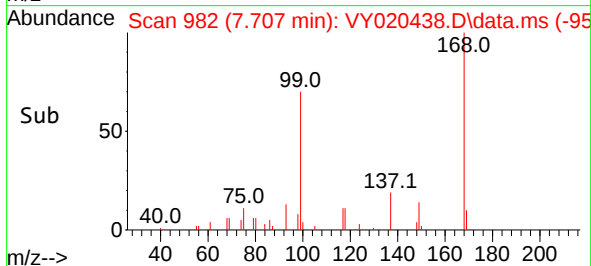
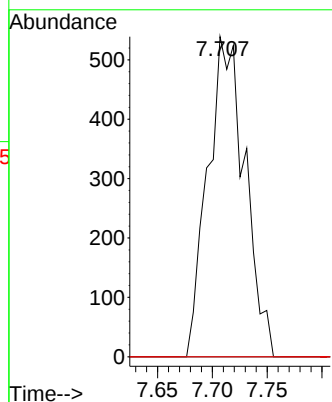


#38
Carbon Tetrachloride
Concen: 5.964 ug/l
RT: 7.707 min Scan# 911
Delta R.T. -0.116 min
Lab File: VY020438.D
Acq: 25 Nov 2024 18:31

Instrument :
MSVOA_Y
ClientSampleId :

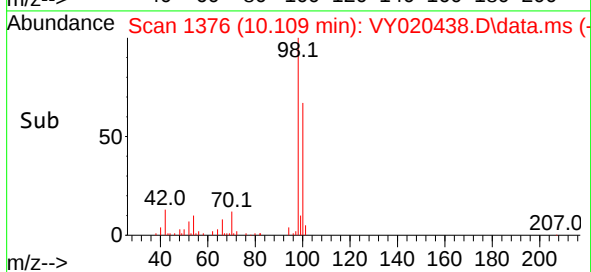
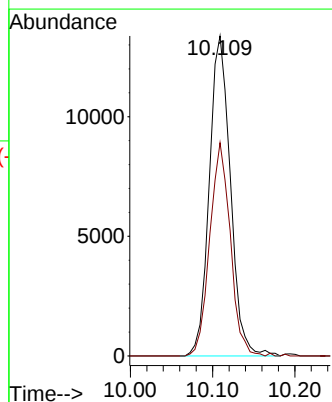
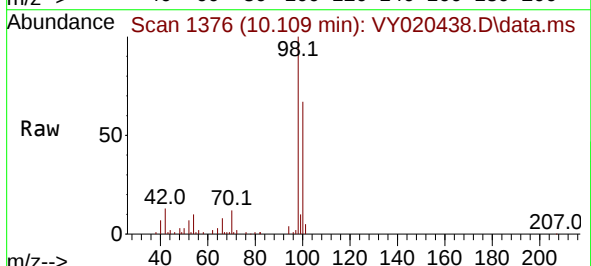


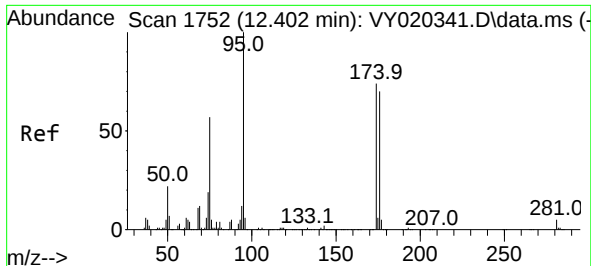
Tgt Ion:117 Resp: 1269
Ion Ratio Lower Upper
117 100
119 0.0 77.8 116.6#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 45.404 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY020438.D
Acq: 25 Nov 2024 18:31

Tgt Ion: 98 Resp: 23863
Ion Ratio Lower Upper
98 100
100 64.7 51.3 76.9

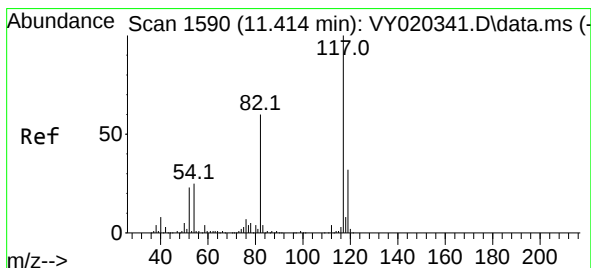
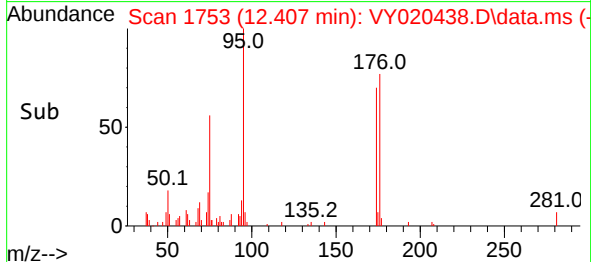
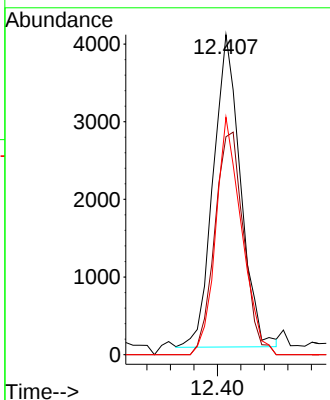
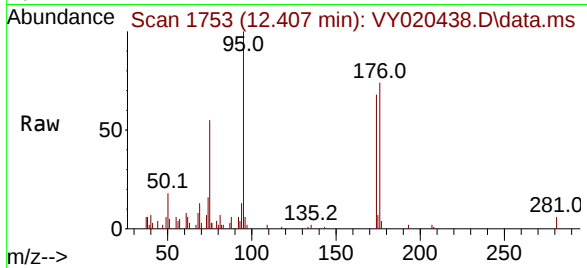




#62
4-Bromofluorobenzene
Concen: 38.342 ug/l
RT: 12.407 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020438.D
Acq: 25 Nov 2024 18:31

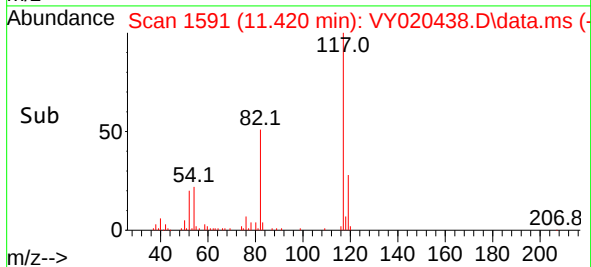
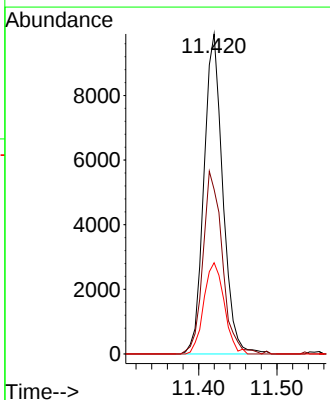
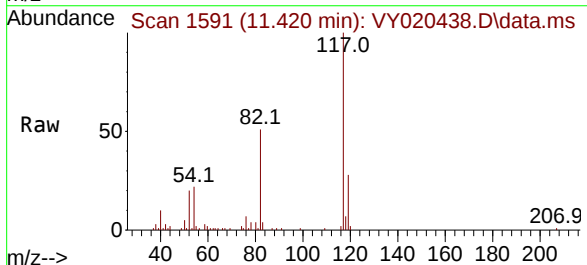
Instrument :
MSVOA_Y
ClientSampleId :

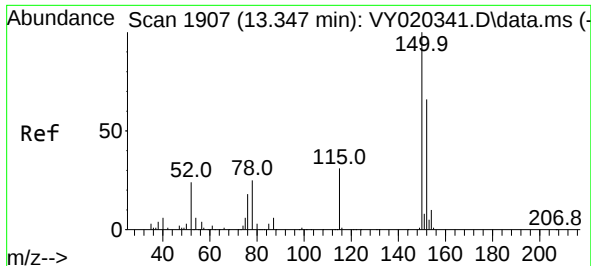
Tgt Ion: 95 Resp: 6478
Ion Ratio Lower Upper
95 100
174 75.5 0.0 156.8
176 72.2 0.0 152.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY020438.D
Acq: 25 Nov 2024 18:31

Tgt Ion: 117 Resp: 16571
Ion Ratio Lower Upper
117 100
82 51.4 48.2 72.4
119 28.5 25.8 38.8

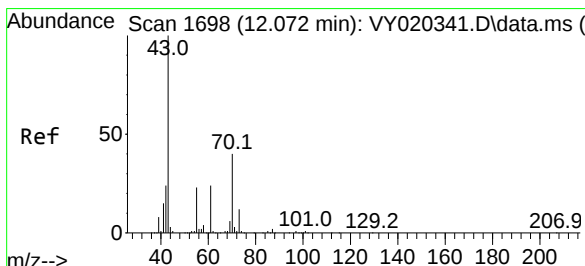
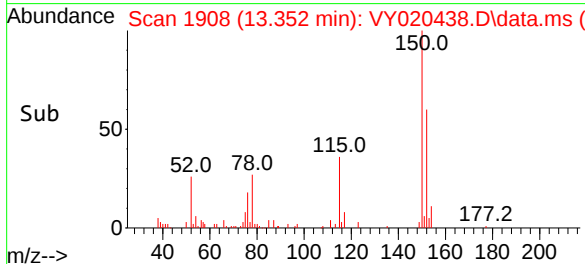
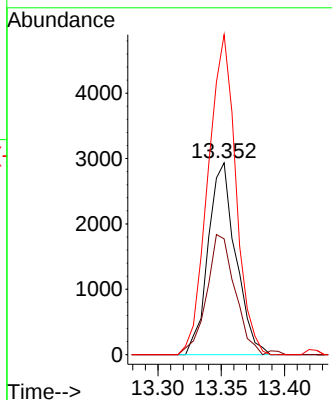
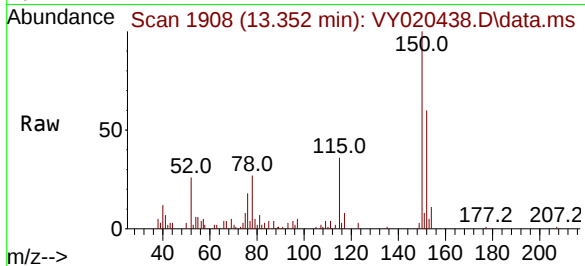




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY020438.D
Acq: 25 Nov 2024 18:31

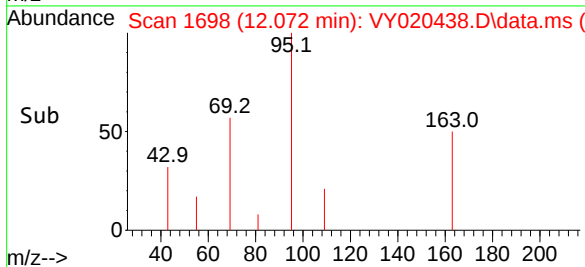
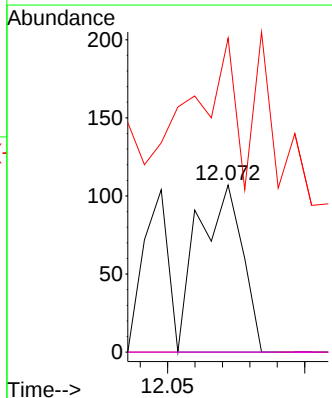
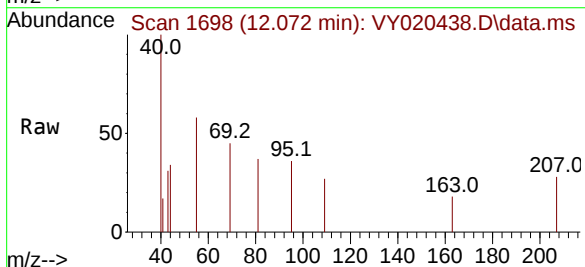
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MSVOA_Y
ClientSampleId :

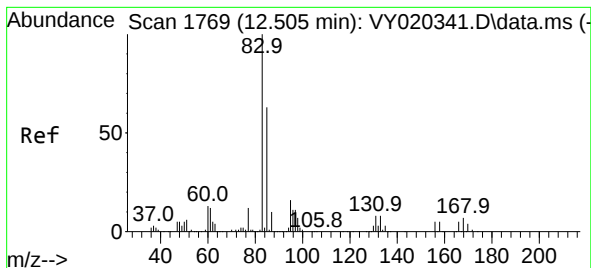
Tgt Ion:152 Resp: 4446
Ion Ratio Lower Upper
152 100
115 65.2 30.0 90.0
150 168.4 0.0 348.2



#74
N-ethyl acetate
Concen: 1.318 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY020438.D
Acq: 25 Nov 2024 18:31

Tgt Ion: 43 Resp: 120
Ion Ratio Lower Upper
43 100
70 0.0 32.9 49.3#
55 0.0 19.3 28.9#
61 0.0 19.0 28.4#





#75

1,1,2,2-Tetrachloroethane

Concen: 7.426 ug/l

RT: 12.517 min Scan# 1771

Delta R.T. 0.012 min

Lab File: VY020438.D

Acq: 25 Nov 2024 18:31

Instrument :

MSVOA_Y

ClientSampleId :

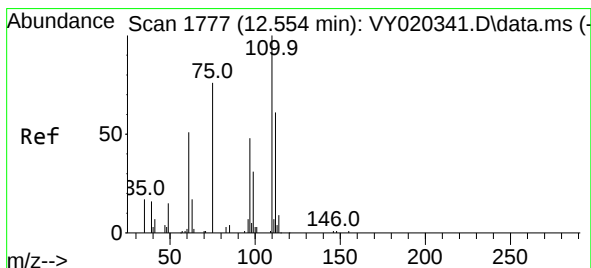
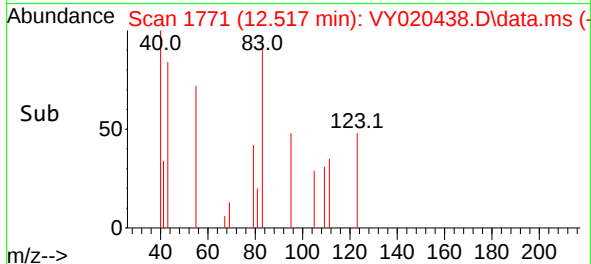
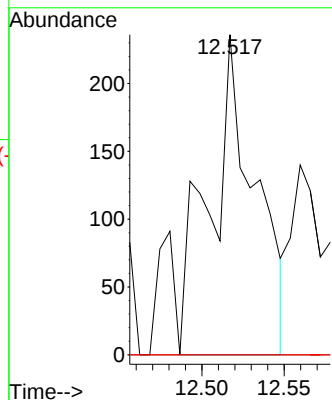
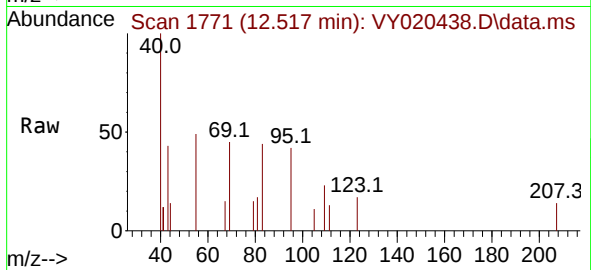
Tgt Ion: 83 Resp: 452

Ion Ratio Lower Upper

83 100

131 0.0 4.8 14.4#

85 0.0 32.0 96.0#



#76

1,2,3-Trichloropropane

Concen: 86.314 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.147 min

Lab File: VY020438.D

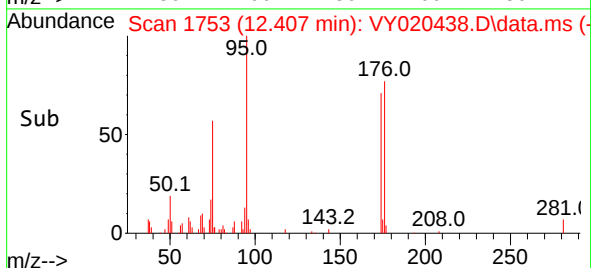
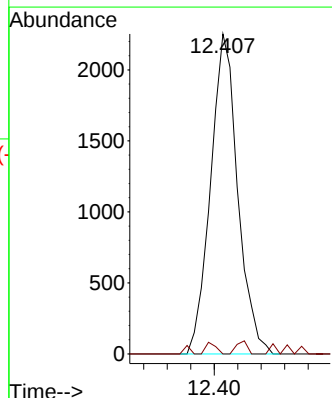
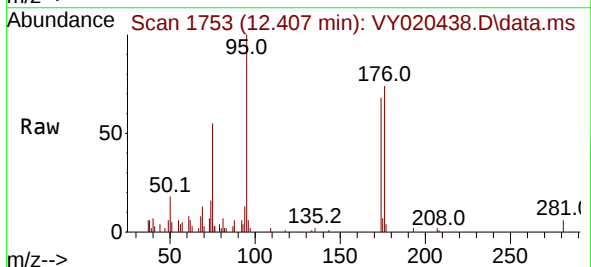
Acq: 25 Nov 2024 18:31

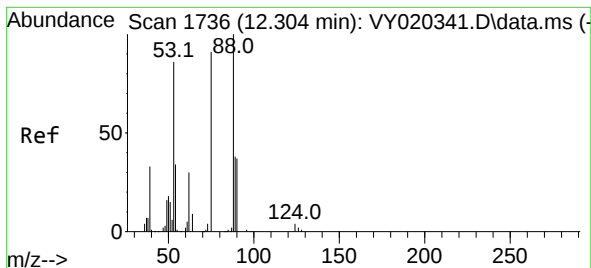
Tgt Ion: 75 Resp: 3617

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#

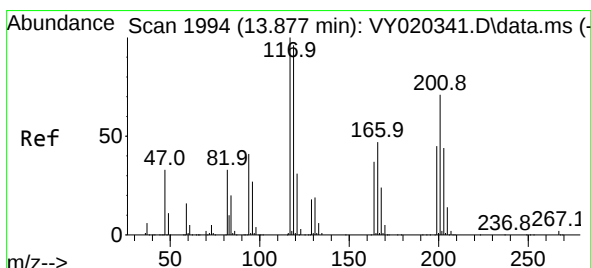
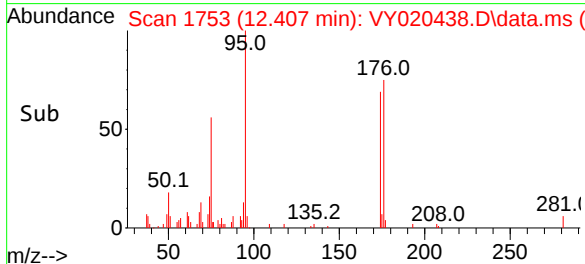
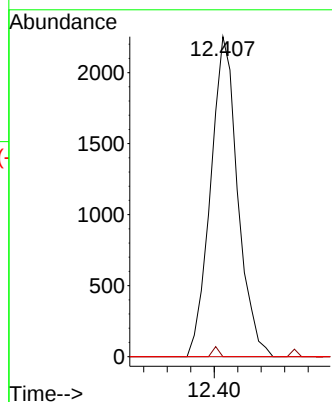
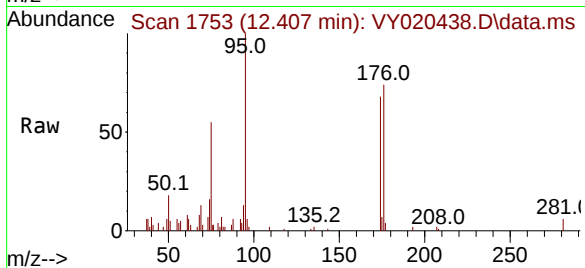




#81
trans-1,4-Dichloro-2-butene
Concen: 169.129 ug/l
RT: 12.407 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY020438.D
Acq: 25 Nov 2024 18:31

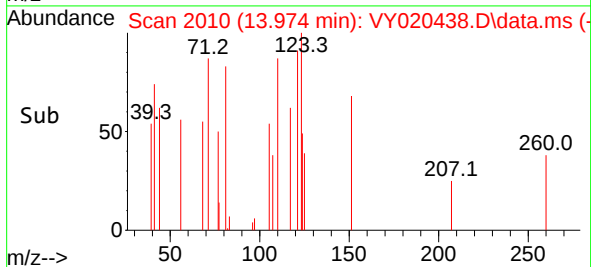
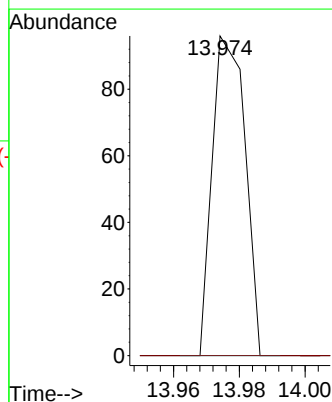
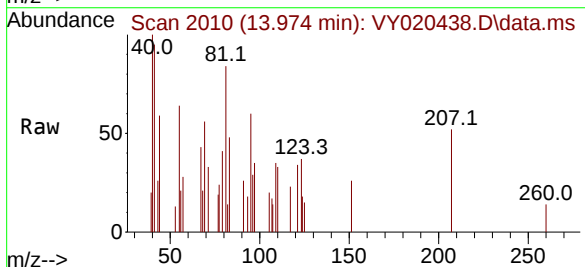
Instrument :
MSVOA_Y
ClientSampleId :

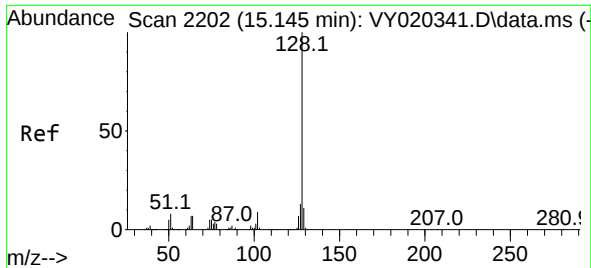
Tgt Ion: 75 Resp: 3617
Ion Ratio Lower Upper
75 100
53 0.7 81.1 121.7#
89 0.0 35.1 52.7#



#90
Hexachloroethane
Concen: 1.060 ug/l
RT: 13.974 min Scan# 2010
Delta R.T. 0.097 min
Lab File: VY020438.D
Acq: 25 Nov 2024 18:31

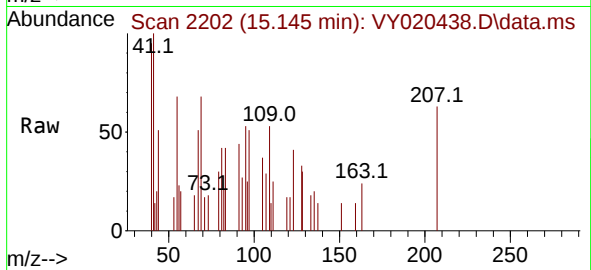
Tgt Ion: 117 Resp: 67
Ion Ratio Lower Upper
117 100
201 0.0 37.1 111.3#





#95
Naphthalene
Concen: 1.886 ug/l
RT: 15.145 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY020438.D
Acq: 25 Nov 2024 18:31

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 261
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 24.9 8.6 13.0#

