

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060622\
 Data File : VY009148.D
 Acq On : 06 Jun 2022 15:28
 Operator : KP/MD
 Sample : N3170-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 07 02:32:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

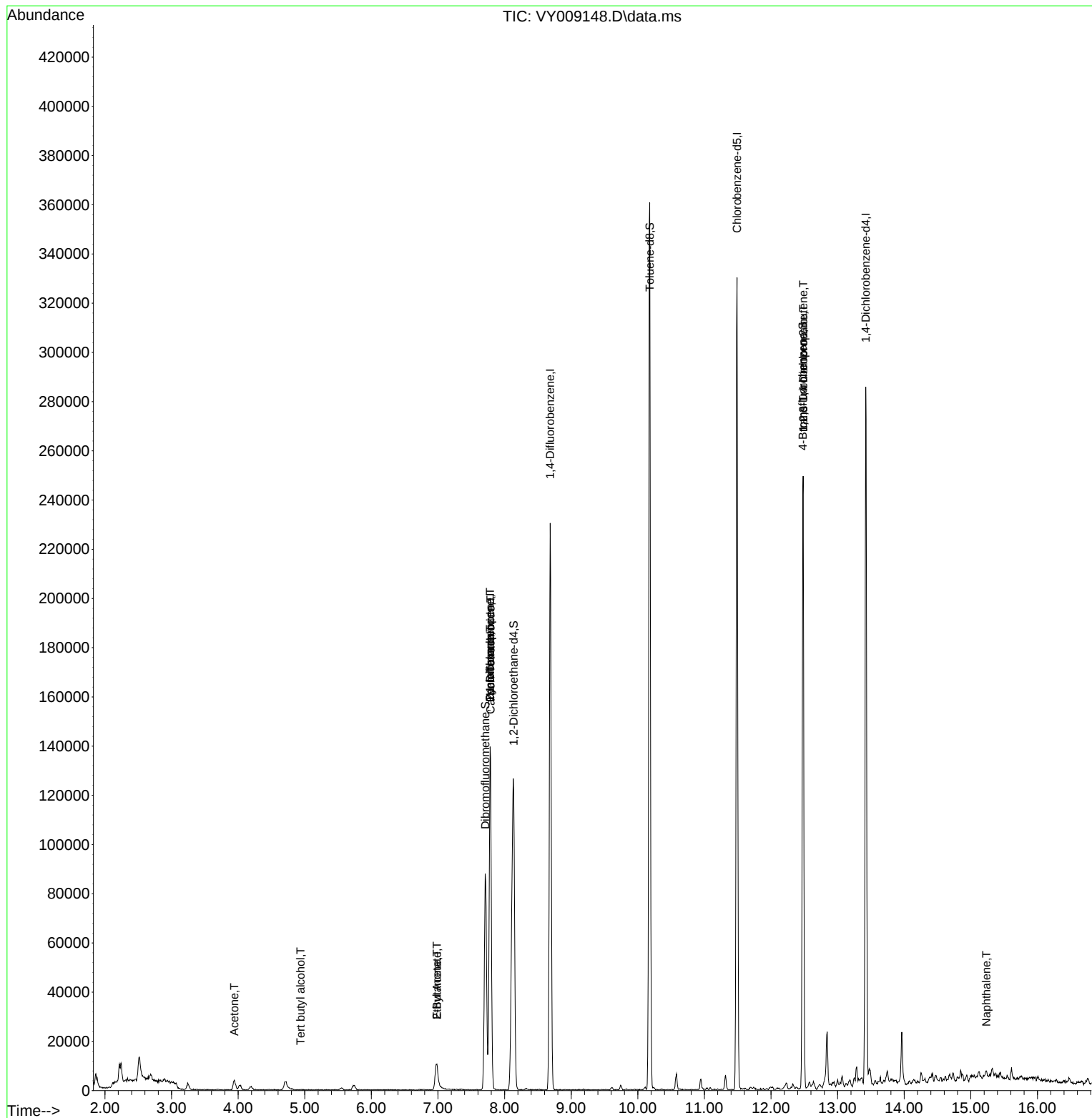
Internal Standards						
1) Pentafluorobenzene	7.783	168	106088	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	187780	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	166632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	67998	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	70994	65.022	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.040%	
35) Dibromofluoromethane	7.710	113	59770	51.186	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.380%	
50) Toluene-d8	10.179	98	228380	53.016	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.040%	
62) 4-Bromofluorobenzene	12.477	95	63161	36.347	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 72.700%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	278	2.510	ug/l #	77
16) Acetone	3.942	43	6619	29.123	ug/l	93
20) Methylene Chloride	4.704	84	2194	Below Cal	#	79
25) 2-Butanone	6.984	43	2851	7.023	ug/l	96
31) Cyclohexane	7.783	56	2460	1.152	ug/l #	21
36) 1,1-Dichloropropene	7.783	75	8855	4.456	ug/l #	51
37) Ethyl Acetate	6.984	43	2851	2.766	ug/l #	76
38) Carbon Tetrachloride	7.789	117	10377	4.992	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	37139	50.860	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	37139	104.391	ug/l #	7
95) Naphthalene	15.233	128	2652	1.084	ug/l	99

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

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Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

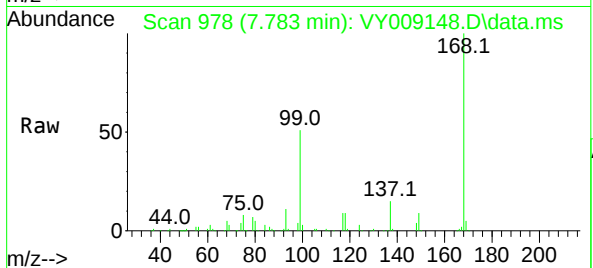
Quant Time: Jun 07 02:32:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
Quant Title : SW846 8260
QLast Update : Fri May 20 23:50:52 2022
Response via : Initial Calibration



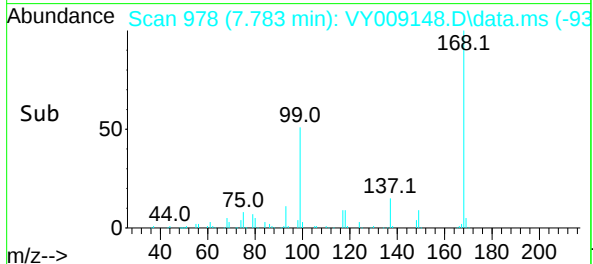
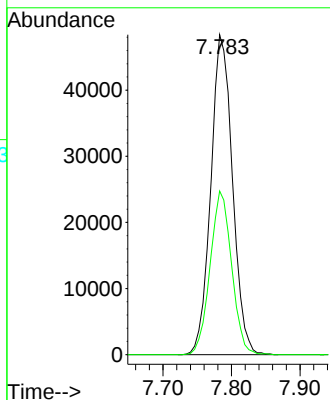


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009148.D
Acq: 06 Jun 2022 15:28

Instrument :
MSVOA_Y
ClientSampleId :

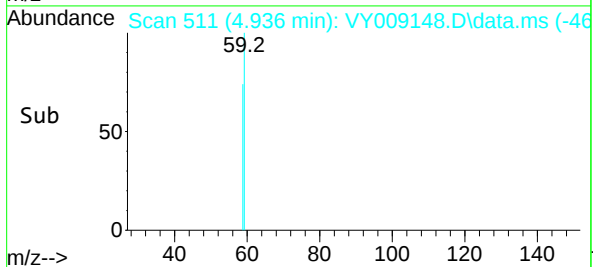
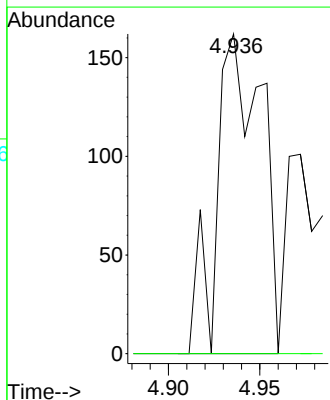
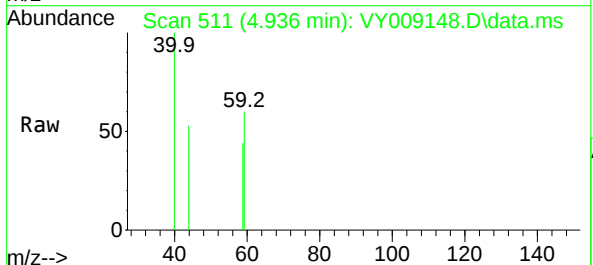


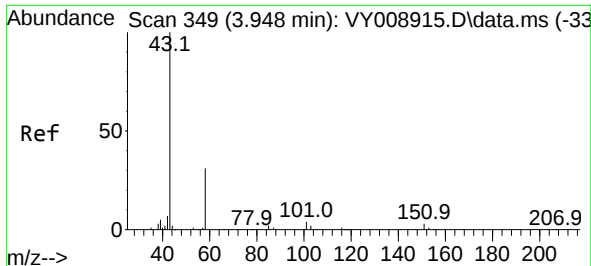
Tgt Ion:168 Resp: 106088
Ion Ratio Lower Upper
168 100
99 51.1 46.9 70.3



#11
Tert butyl alcohol
Concen: 2.510 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY009148.D
Acq: 06 Jun 2022 15:28

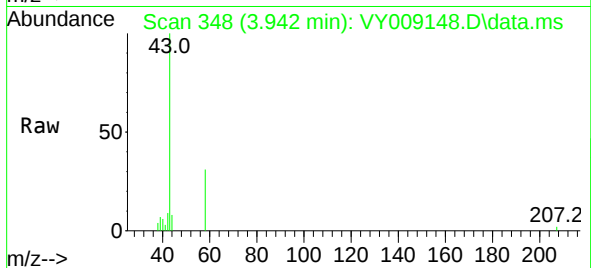
Tgt Ion: 59 Resp: 278
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



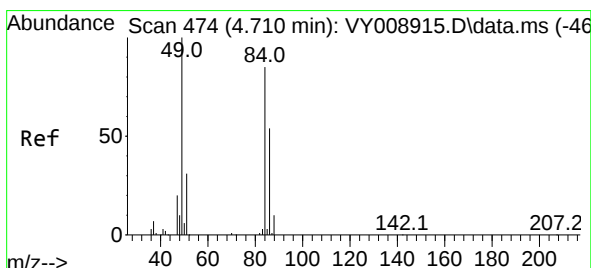
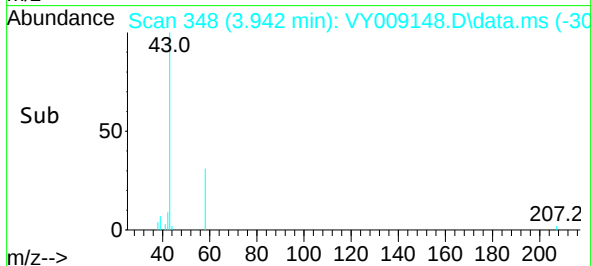
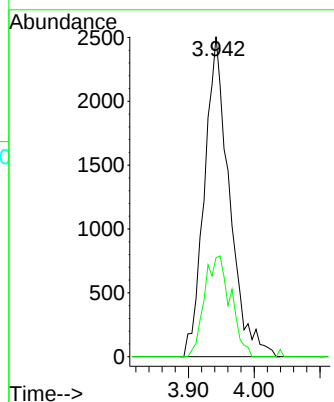


#16
Acetone
Concen: 29.123 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY009148.D
Acq: 06 Jun 2022 15:28

Instrument :
MSVOA_Y
ClientSampleId :

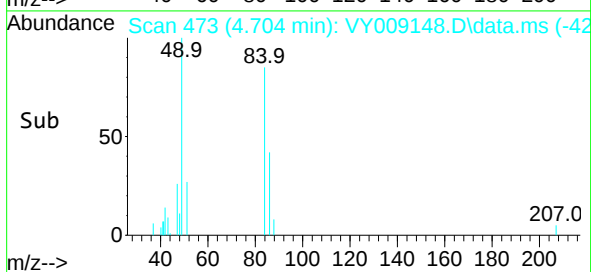
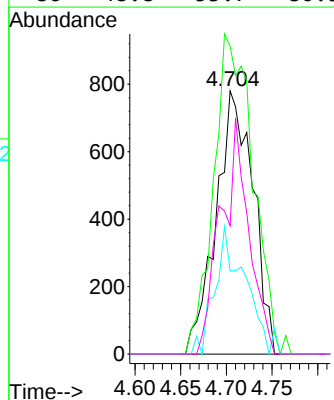
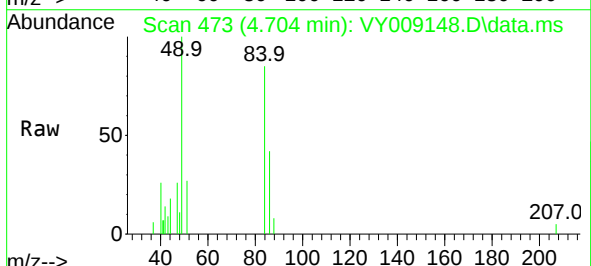


Tgt Ion: 43 Resp: 6619
Ion Ratio Lower Upper
43 100
58 31.0 22.0 33.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY009148.D
Acq: 06 Jun 2022 15:28

Tgt Ion: 84 Resp: 2194
Ion Ratio Lower Upper
84 100
49 117.1 114.4 171.6
51 31.7 35.3 52.9#
86 48.8 53.7 80.5#

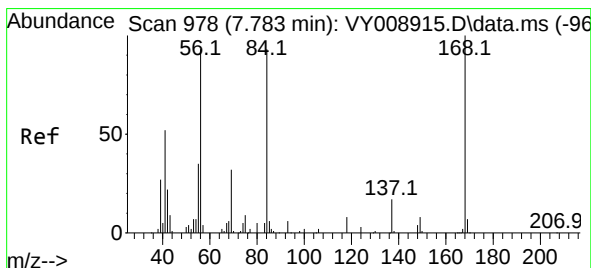
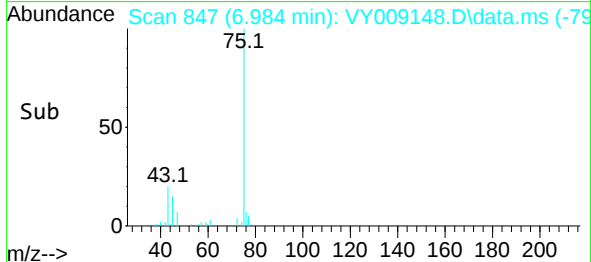
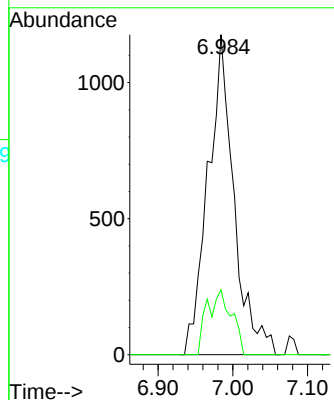
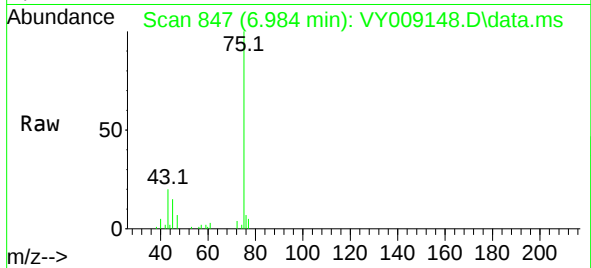




#25
2-Butanone
Concen: 7.023 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY009148.D
Acq: 06 Jun 2022 15:28

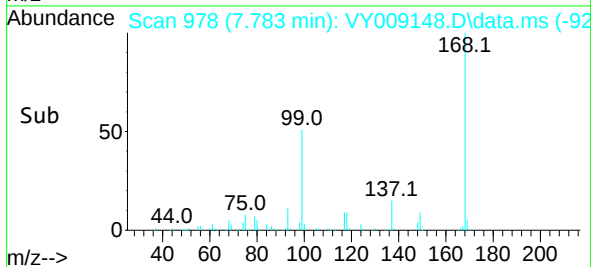
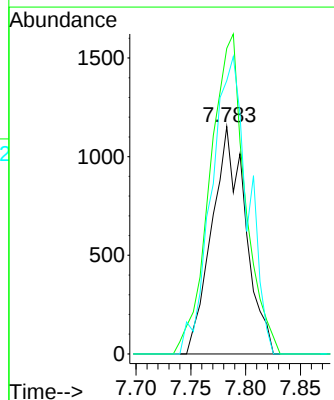
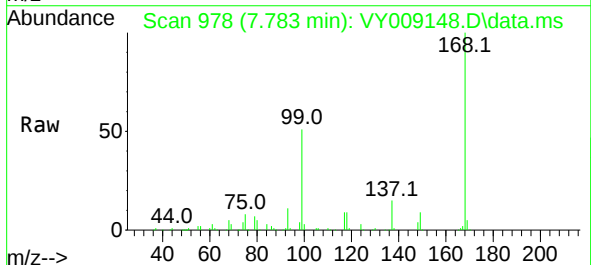
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 2851
Ion Ratio Lower Upper
43 100
72 20.3 17.7 26.5



#31
Cyclohexane
Concen: 1.152 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY009148.D
Acq: 06 Jun 2022 15:28

Tgt Ion: 56 Resp: 2460
Ion Ratio Lower Upper
56 100
69 134.5 26.7 40.1#
84 120.2 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 65.022 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY009148.D

Acq: 06 Jun 2022 15:28

Instrument :

MSVOA_Y

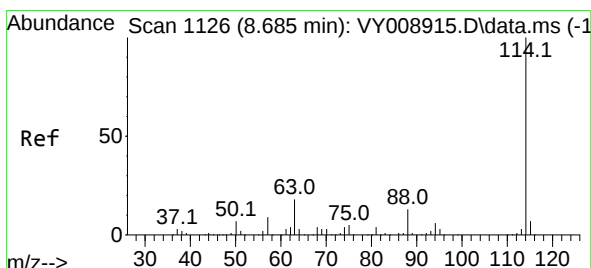
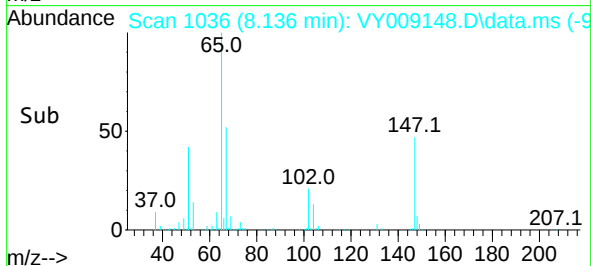
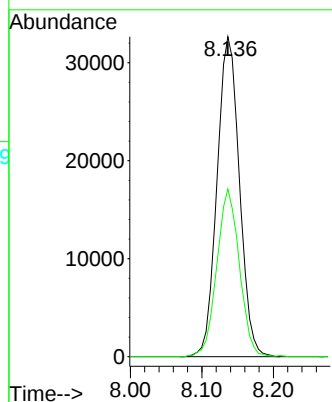
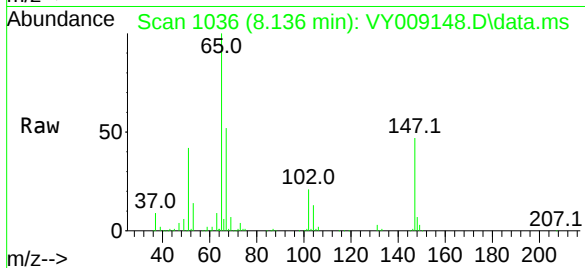
ClientSampleId :

Tgt Ion: 65 Resp: 70994

Ion Ratio Lower Upper

65 100

67 52.7 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY009148.D

Acq: 06 Jun 2022 15:28

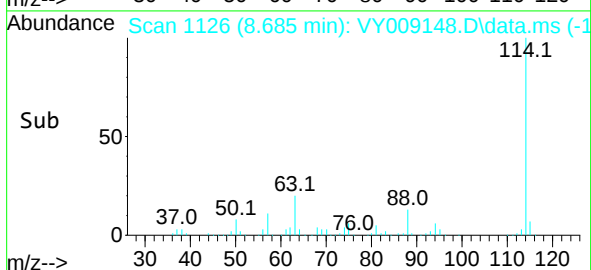
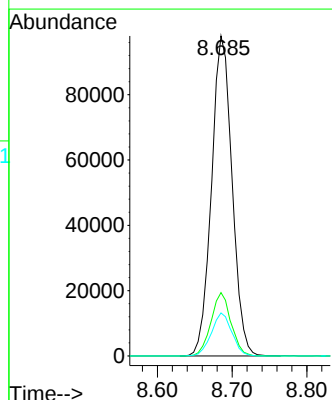
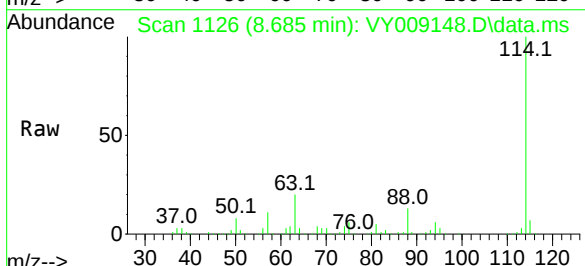
Tgt Ion: 114 Resp: 187780

Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.2

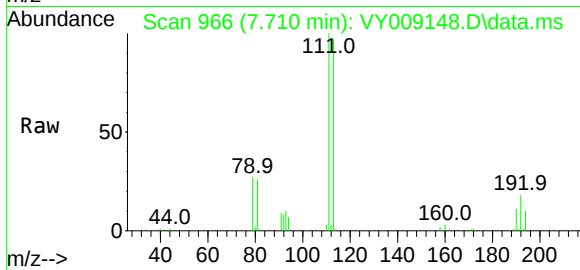
88 13.4 0.0 31.8



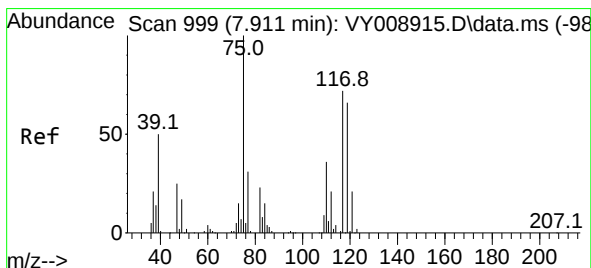
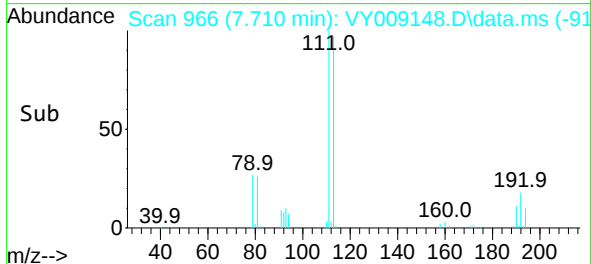
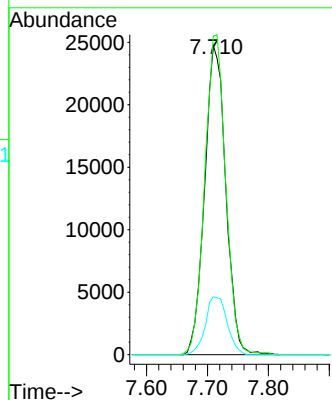


#35
Dibromofluoromethane
Concen: 51.186 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY009148.D
Acq: 06 Jun 2022 15:28

Instrument :
MSVOA_Y
ClientSampleId :

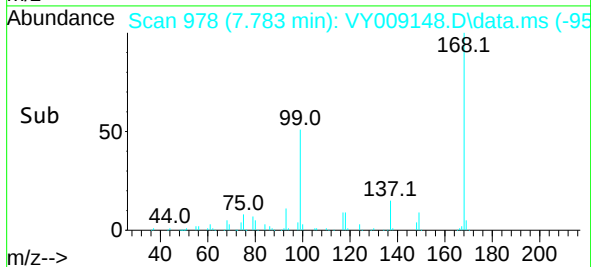
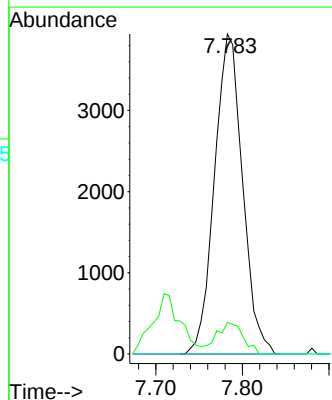
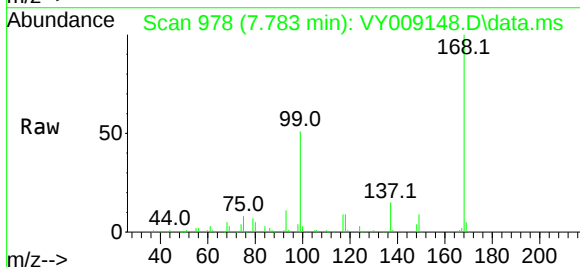


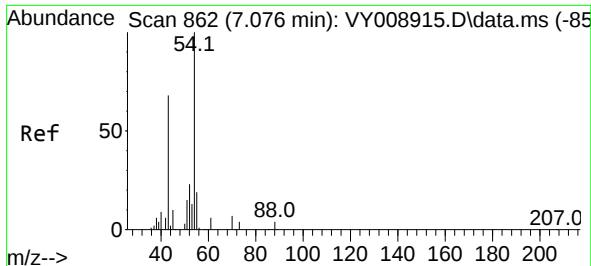
Tgt Ion:113 Resp: 59770
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 19.2 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.456 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY009148.D
Acq: 06 Jun 2022 15:28

Tgt Ion: 75 Resp: 8855
Ion Ratio Lower Upper
75 100
110 9.4 17.1 51.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 2.766 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.092 min

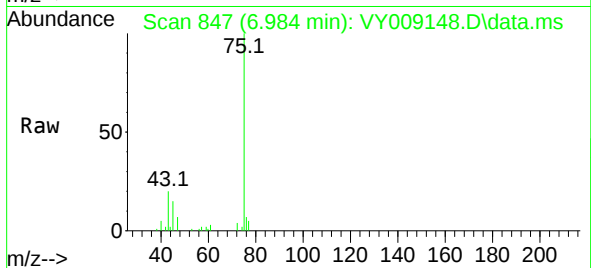
Lab File: VY009148.D

Acq: 06 Jun 2022 15:28

Instrument :

MSVOA_Y

ClientSampleId :



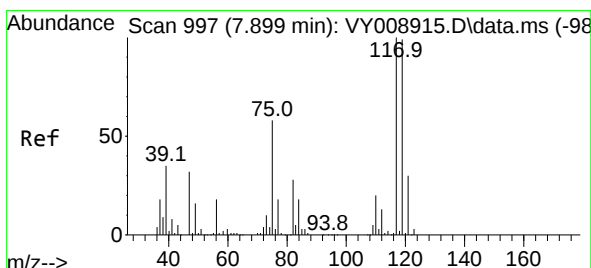
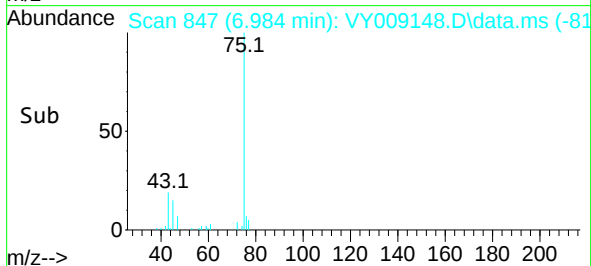
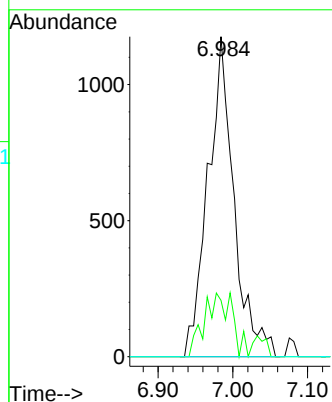
Tgt Ion: 43 Resp: 2851

Ion Ratio Lower Upper

43 100

61 21.3 9.7 14.5#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 4.992 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY009148.D

Acq: 06 Jun 2022 15:28

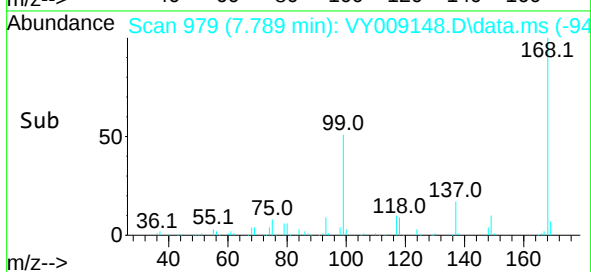
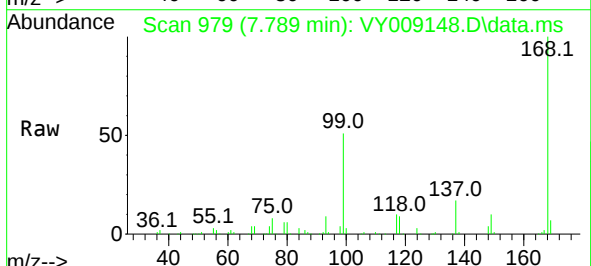
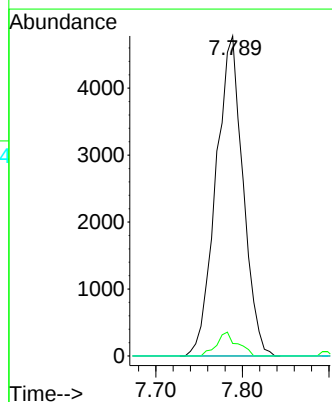
Tgt Ion: 117 Resp: 10377

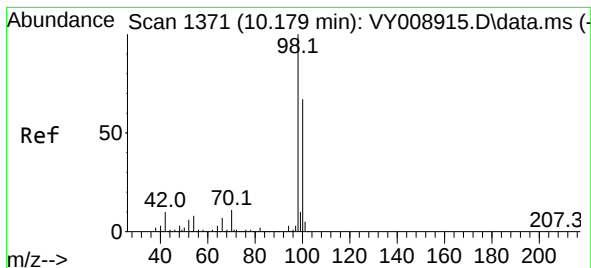
Ion Ratio Lower Upper

117 100

119 3.9 77.9 116.9#

121 0.0 24.8 37.2#

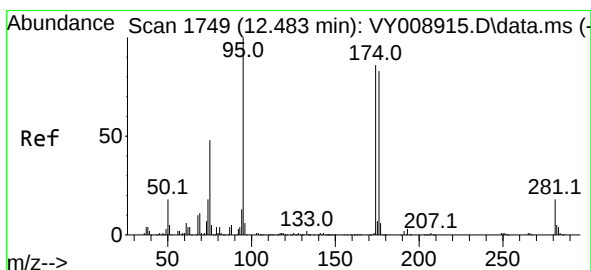
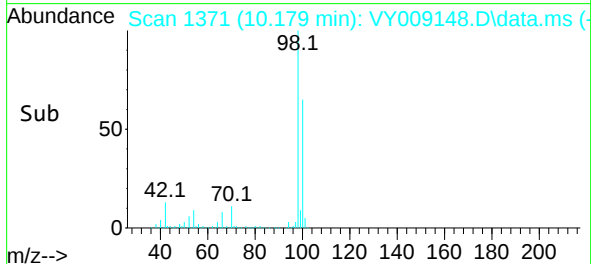
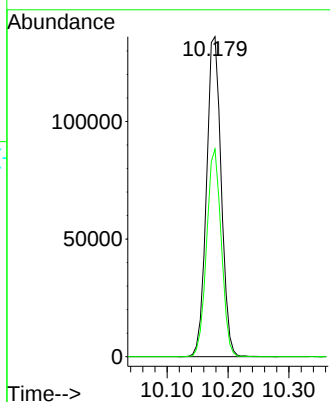
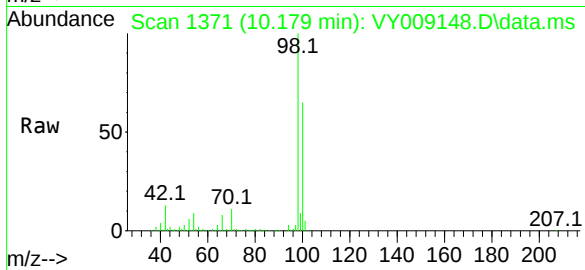




#50
Toluene-d8
Concen: 53.016 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009148.D
Acq: 06 Jun 2022 15:28

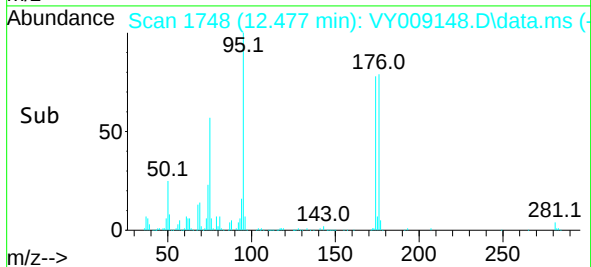
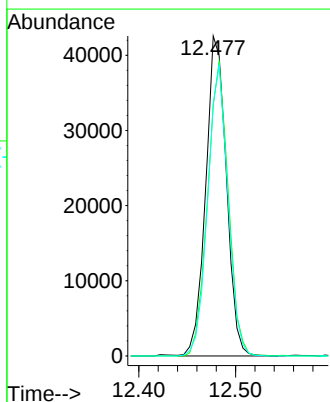
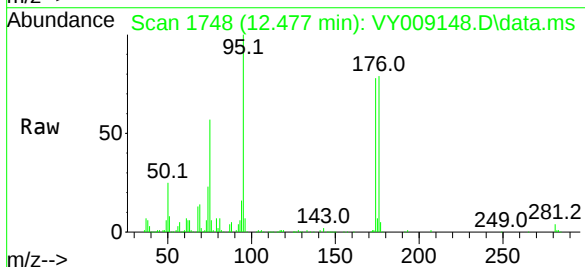
Instrument :
MSVOA_Y
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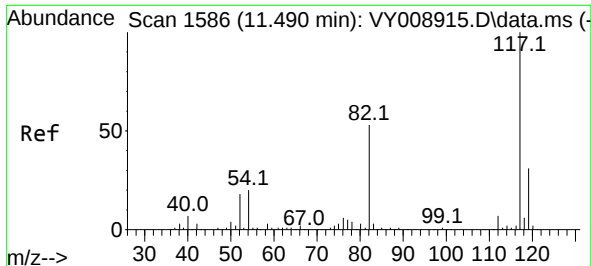
Tgt Ion: 98 Resp: 228380
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 36.347 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY009148.D
Acq: 06 Jun 2022 15:28

Tgt Ion: 95 Resp: 63161
Ion Ratio Lower Upper
95 100
174 91.9 0.0 177.0
176 89.0 0.0 175.8

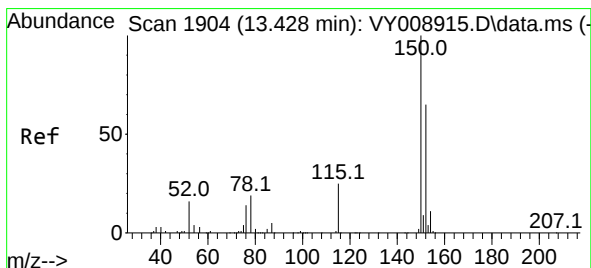
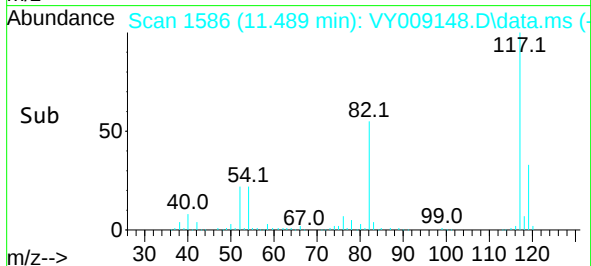
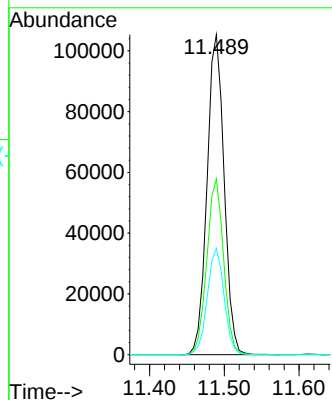
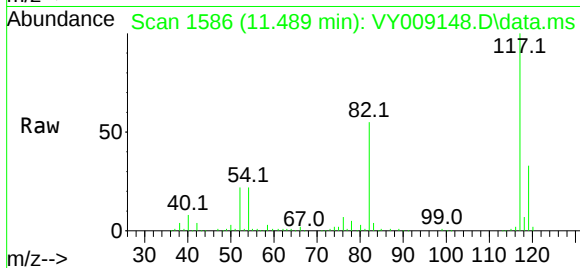




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009148.D
Acq: 06 Jun 2022 15:28

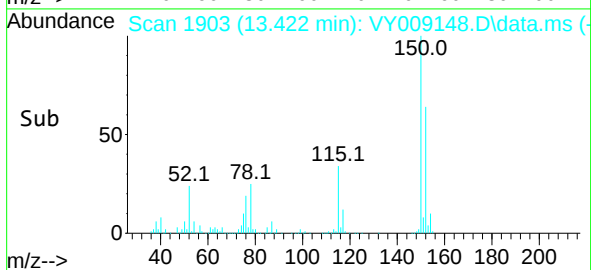
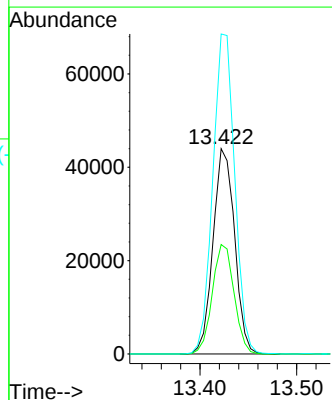
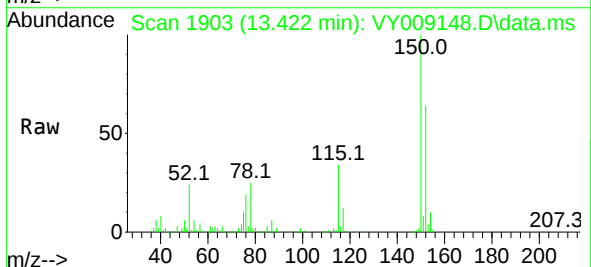
Instrument :
MSVOA_Y
ClientSampleId :

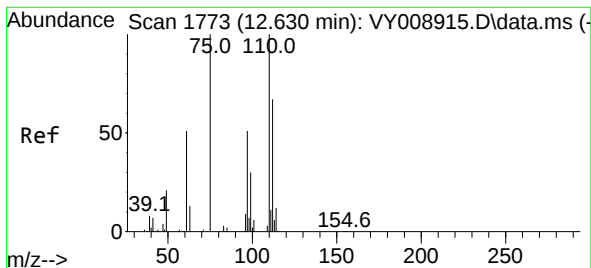
Tgt Ion:117 Resp: 166632
Ion Ratio Lower Upper
117 100
82 54.9 43.0 64.4
119 33.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY009148.D
Acq: 06 Jun 2022 15:28

Tgt Ion:152 Resp: 67998
Ion Ratio Lower Upper
152 100
115 53.9 28.2 84.7
150 158.6 0.0 347.6





#76

1,2,3-Trichloropropane

Concen: 50.860 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.147 min

Lab File: VY009148.D

Acq: 06 Jun 2022 15:28

Instrument :

MSVOA_Y

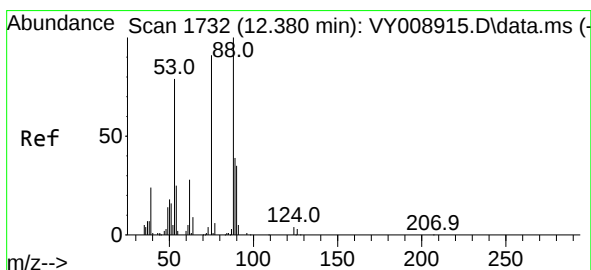
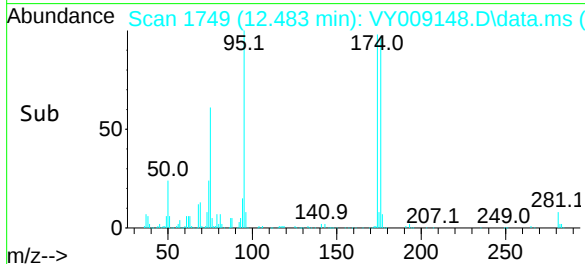
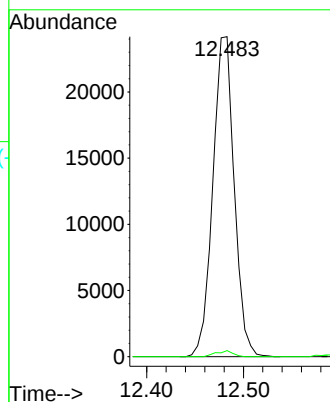
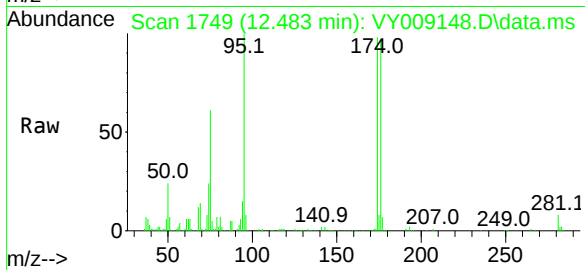
ClientSampleId :

Tgt Ion: 75 Resp: 37139

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 104.391 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.103 min

Lab File: VY009148.D

Acq: 06 Jun 2022 15:28

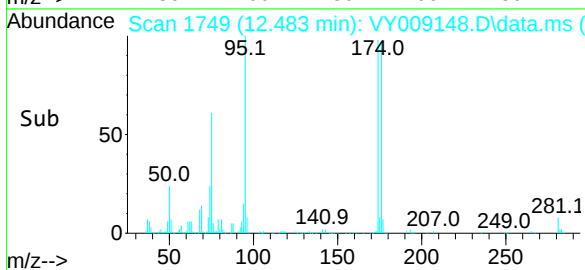
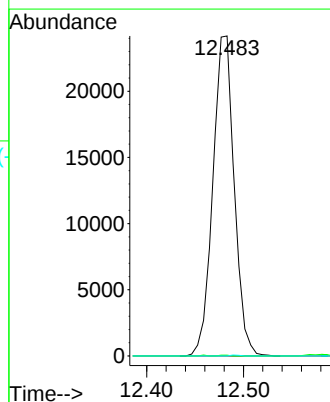
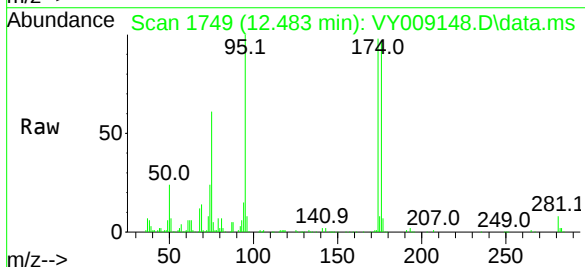
Tgt Ion: 75 Resp: 37139

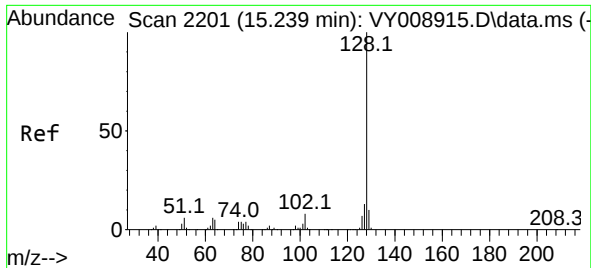
Ion Ratio Lower Upper

75 100

53 0.1 85.3 127.9#

89 0.1 37.0 55.4#





#95

Naphthalene

Concen: 1.084 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

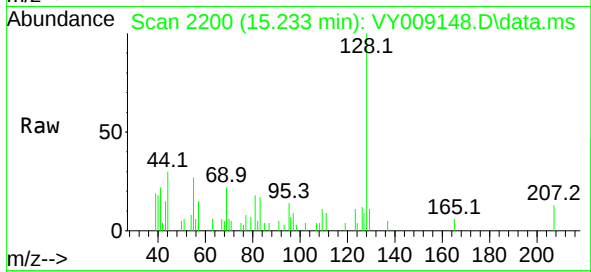
Lab File: VY009148.D

Acq: 06 Jun 2022 15:28

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:128 Resp: 2652

Ion Ratio Lower Upper

128 100

127 13.5 11.0 16.4

129 9.9 8.4 12.6

