

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080422\
 Data File : VY009838.D
 Acq On : 04 Aug 2022 17:32
 Operator : KP/MD
 Sample : N4009-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-080222

Quant Time: Aug 05 01:44:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 04 02:27:45 2022
 Response via : Initial Calibration

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

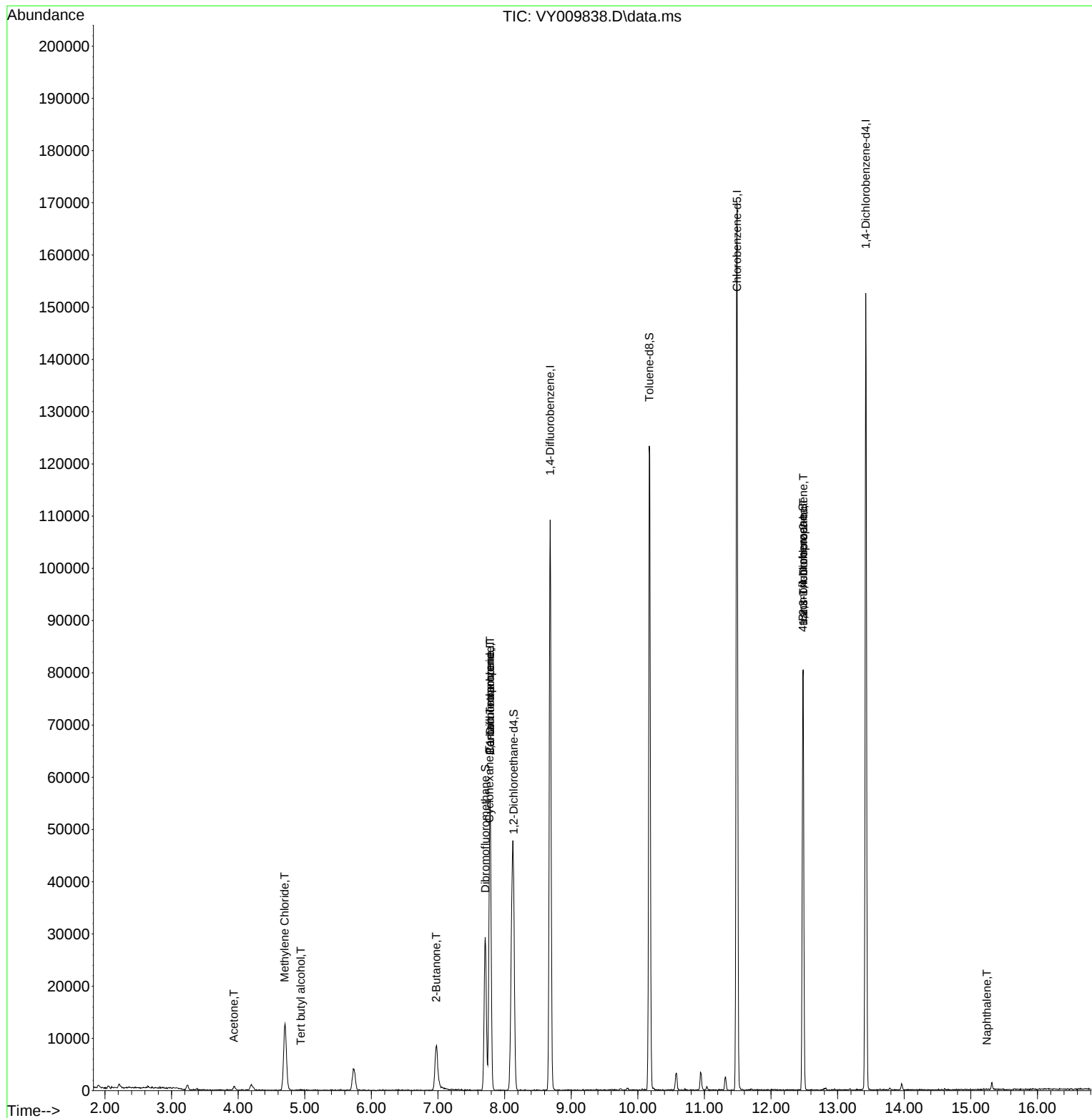
Internal Standards						
1) Pentafluorobenzene	7.783	168	43693	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	89551	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	88250	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	38042	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	22809	65.368	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 130.740%			
35) Dibromofluoromethane	7.710	113	20343	37.258	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 74.520%			
50) Toluene-d8	10.173	98	78678	48.936	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery = 97.880%			
62) 4-Bromofluorobenzene	12.477	95	22615	30.587	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery = 61.180%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.894	85	474	Below Cal	#	69
5) Bromomethane	2.650	94	19	Below Cal	#	2
11) Tert butyl alcohol	4.942	59	70	1.509	ug/l #	78
16) Acetone	3.936	43	1125	9.096	ug/l #	86
20) Methylene Chloride	4.698	84	8997	9.317	ug/l	93
25) 2-Butanone	6.972	43	497	2.457	ug/l #	53
31) Cyclohexane	7.771	56	1032	1.248	ug/l #	17
36) 1,1-Dichloropropene	7.783	75	3568	3.939	ug/l #	49
38) Carbon Tetrachloride	7.783	117	4344	4.560	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	12443	28.593	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	12443	61.367	ug/l #	12
95) Naphthalene	15.239	128	80	5.467	ug/l #	69

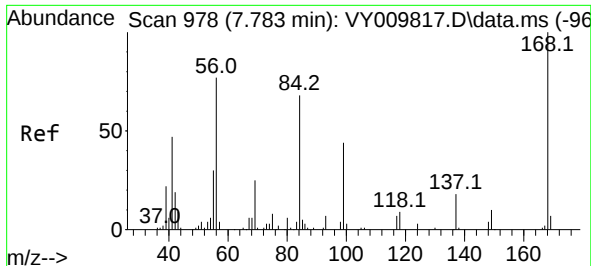
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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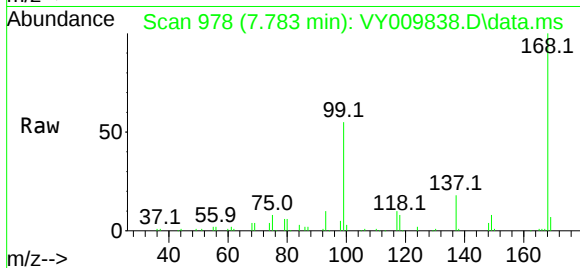
Quant Time: Aug 05 01:44:36 2022
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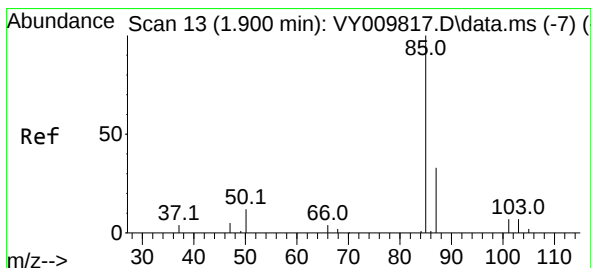
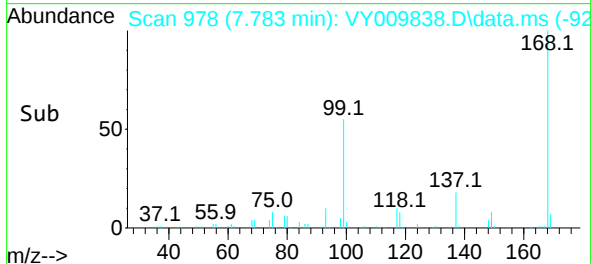
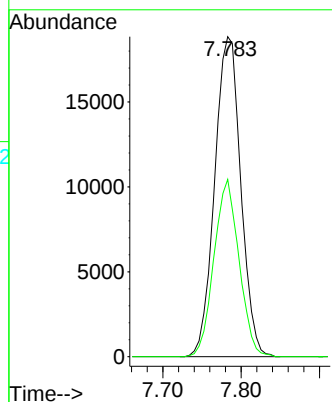


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009838.D
Acq: 04 Aug 2022 17:32

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-080222

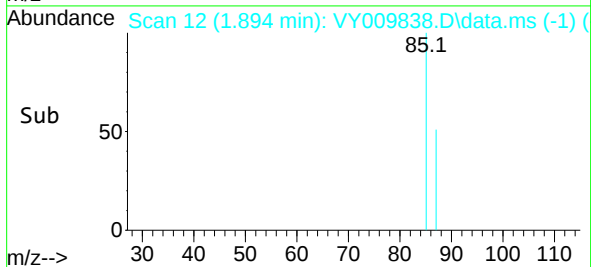
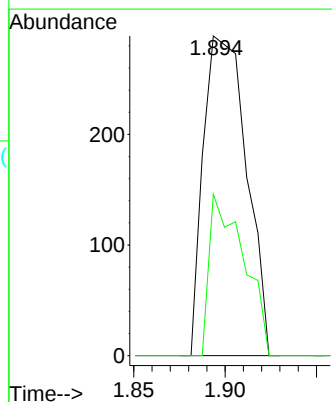
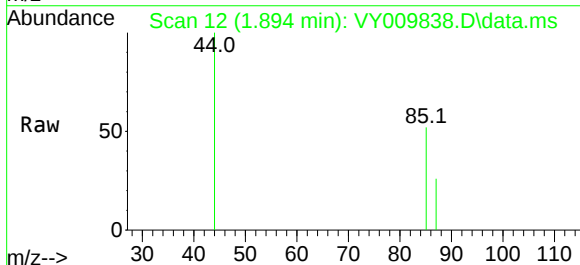


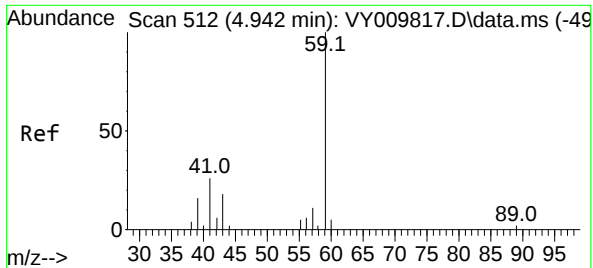
Tgt Ion:168 Resp: 43693
Ion Ratio Lower Upper
168 100
99 55.4 44.7 67.1



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.894 min Scan# 12
Delta R.T. -0.006 min
Lab File: VY009838.D
Acq: 04 Aug 2022 17:32

Tgt Ion: 85 Resp: 474
Ion Ratio Lower Upper
85 100
87 50.5 16.4 49.2#

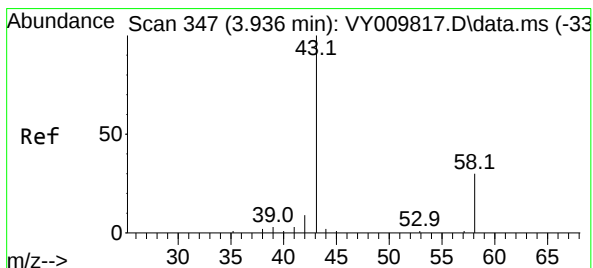
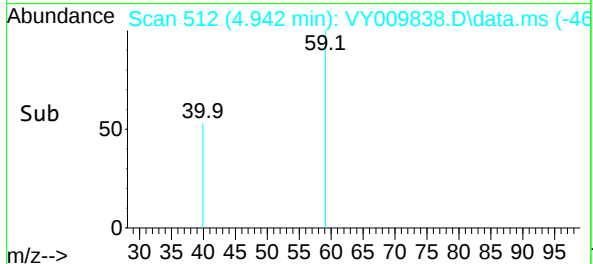
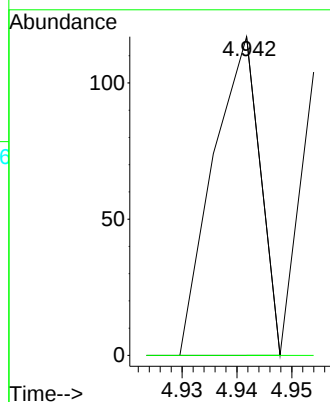
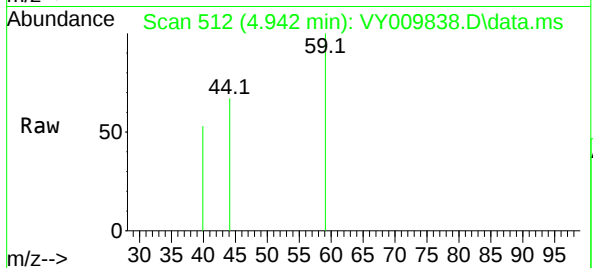




#11
Tert butyl alcohol
Concen: 1.509 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.000 min
Lab File: VY009838.D
Acq: 04 Aug 2022 17:32

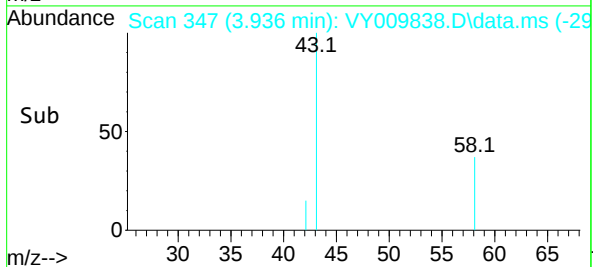
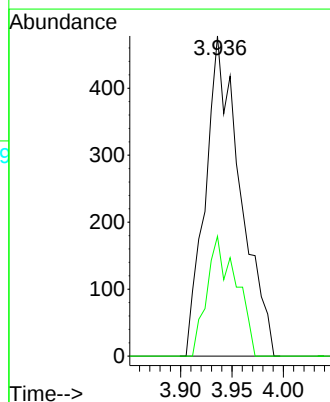
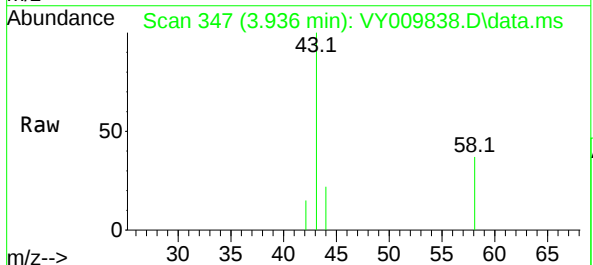
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-080222

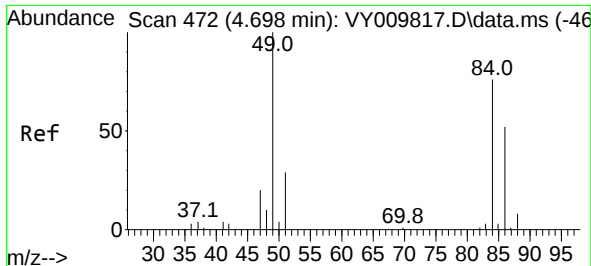
Tgt Ion: 59 Resp: 70
Ion Ratio Lower Upper
59 100
57 0.0 6.2 9.2#



#16
Acetone
Concen: 9.096 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009838.D
Acq: 04 Aug 2022 17:32

Tgt Ion: 43 Resp: 1125
Ion Ratio Lower Upper
43 100
58 37.4 24.1 36.1#

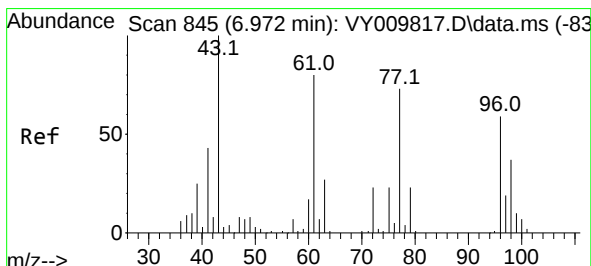
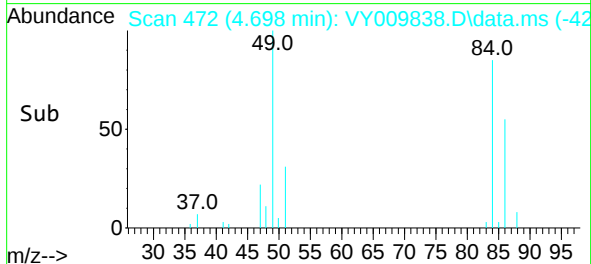
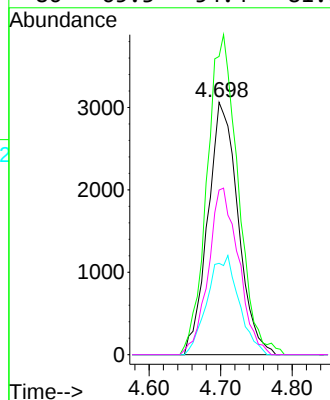
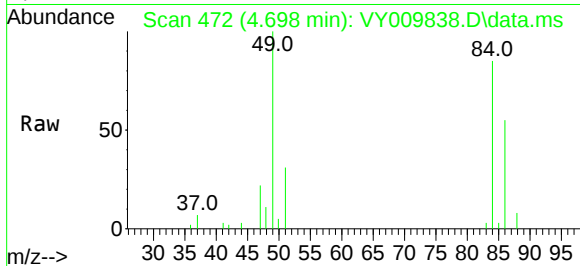




#20
Methylene Chloride
Concen: 9.317 ug/l
RT: 4.698 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY009838.D
Acq: 04 Aug 2022 17:32

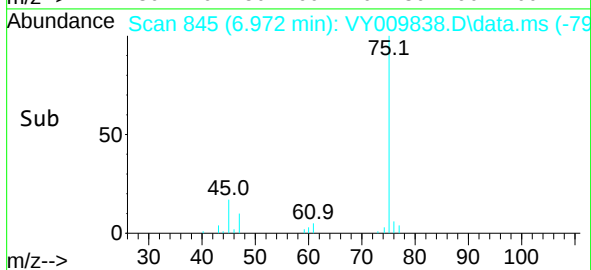
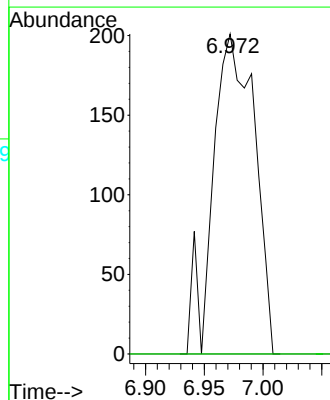
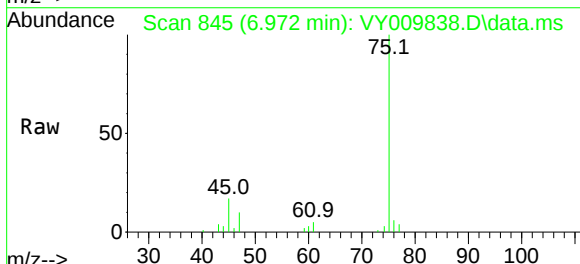
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-080222

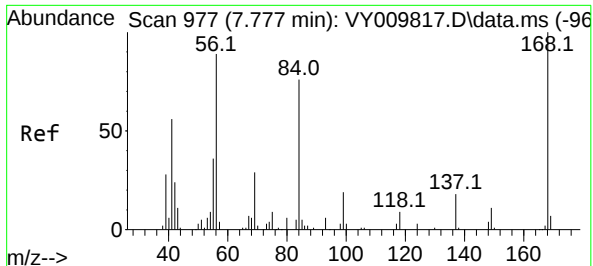
Tgt Ion:	84	Resp:	8997
Ion	Ratio	Lower	Upper
84	100		
49	118.2	104.6	156.8
51	36.2	30.9	46.3
86	65.3	54.4	81.6



#25
2-Butanone
Concen: 2.457 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.000 min
Lab File: VY009838.D
Acq: 04 Aug 2022 17:32

Tgt Ion:	43	Resp:	497
Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.2	27.4#

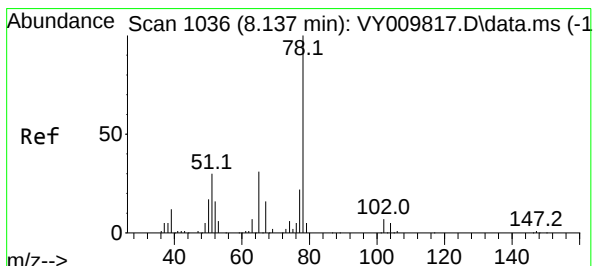
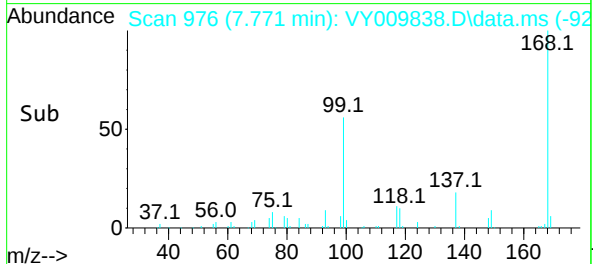
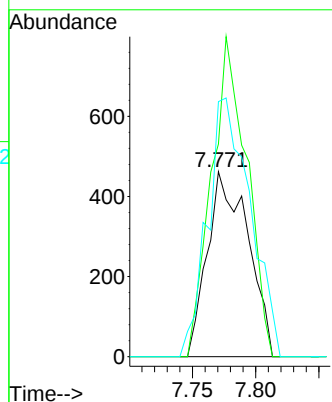
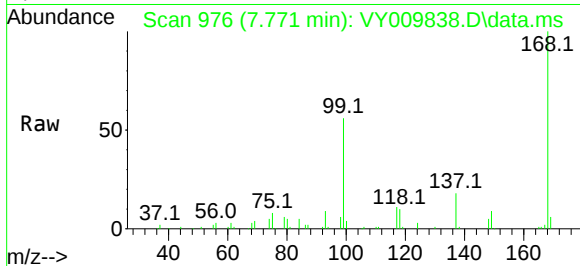




#31
Cyclohexane
Concen: 1.248 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009838.D
Acq: 04 Aug 2022 17:32

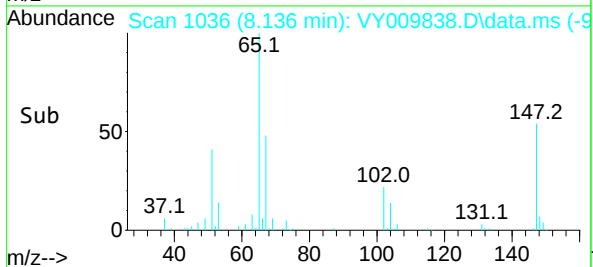
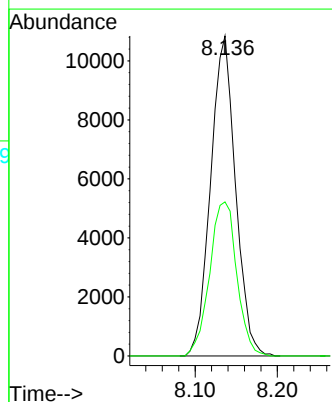
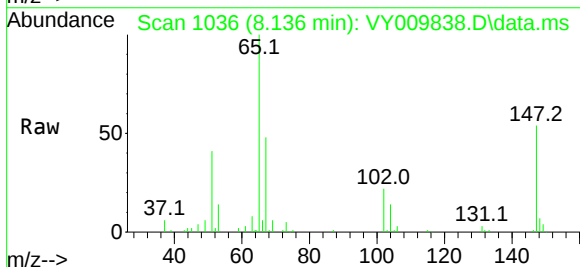
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-080222

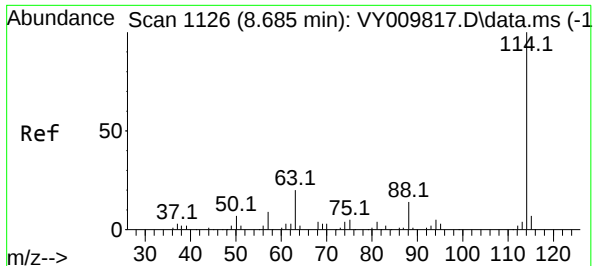
Tgt Ion: 56 Resp: 1032
Ion Ratio Lower Upper
56 100
69 114.9 25.8 38.8#
84 137.9 67.9 101.9#



#33
1,2-Dichloroethane-d4
Concen: 65.368 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY009838.D
Acq: 04 Aug 2022 17:32

Tgt Ion: 65 Resp: 22809
Ion Ratio Lower Upper
65 100
67 52.6 0.0 112.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009838.D

Acq: 04 Aug 2022 17:32

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-080222

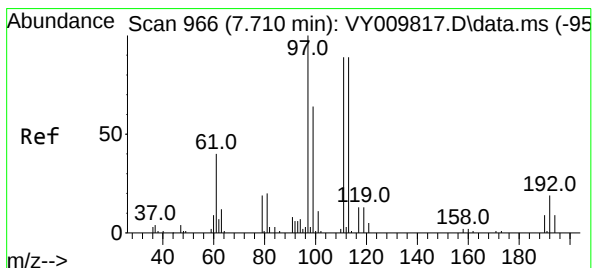
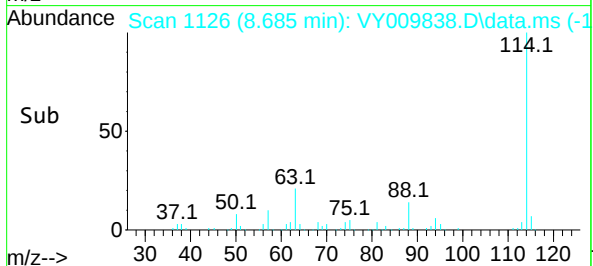
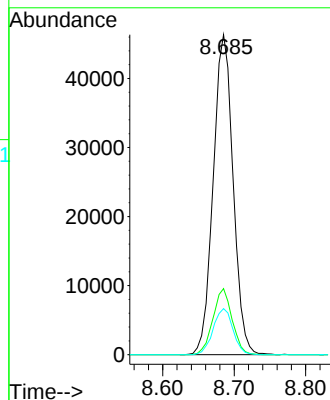
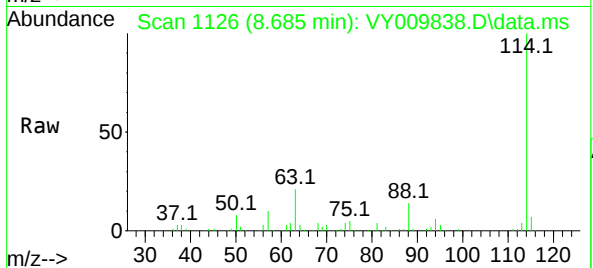
Tgt Ion:114 Resp: 89551

Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.2

88 14.4 0.0 27.6



#35

Dibromofluoromethane

Concen: 37.258 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009838.D

Acq: 04 Aug 2022 17:32

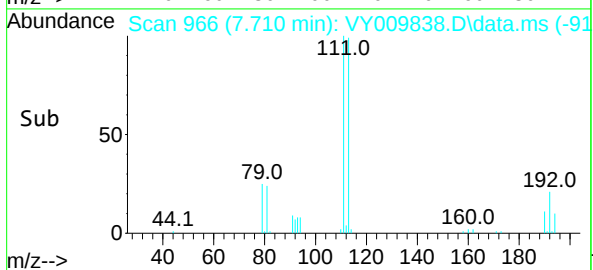
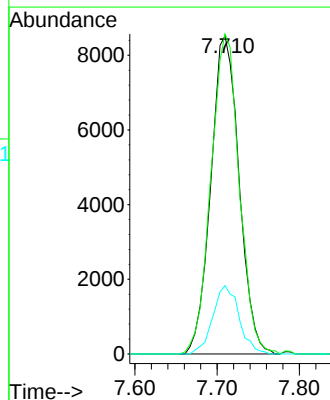
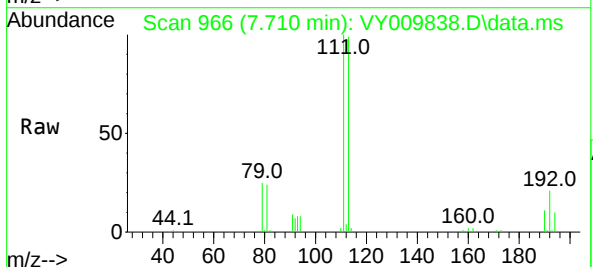
Tgt Ion:113 Resp: 20343

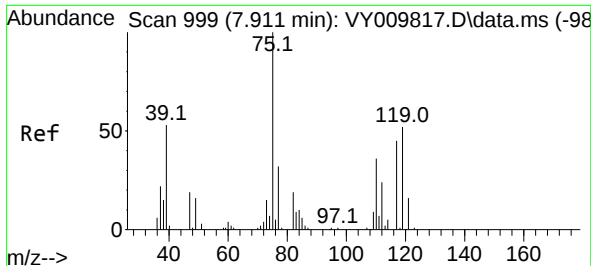
Ion Ratio Lower Upper

113 100

111 100.7 82.4 123.6

192 20.0 16.5 24.7





#36

1,1-Dichloropropene

Concen: 3.939 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY009838.D

Acq: 04 Aug 2022 17:32

Instrument :

MSVOA_Y

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TR-05-080222

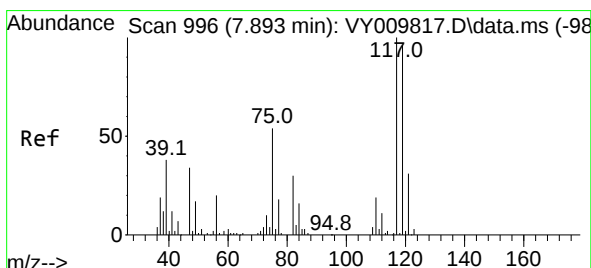
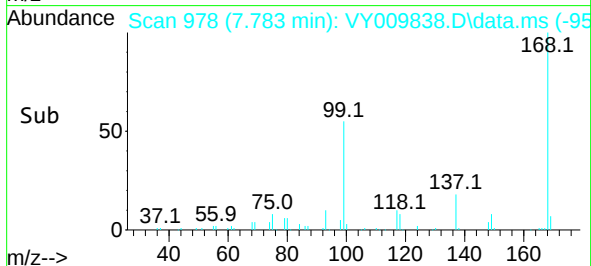
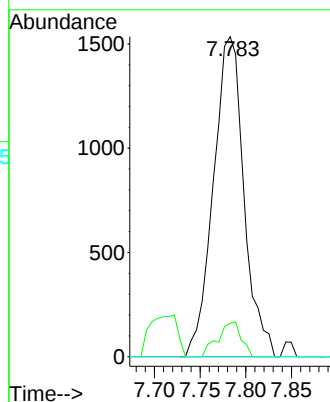
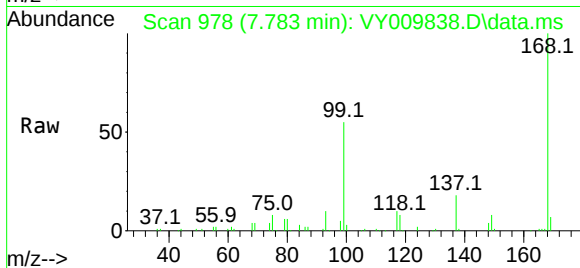
Tgt Ion: 75 Resp: 3568

Ion Ratio Lower Upper

75 100

110 8.3 17.8 53.4#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 4.560 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.110 min

Lab File: VY009838.D

Acq: 04 Aug 2022 17:32

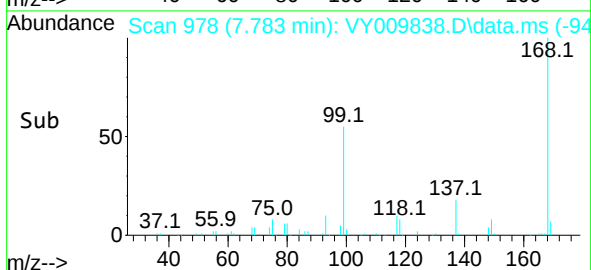
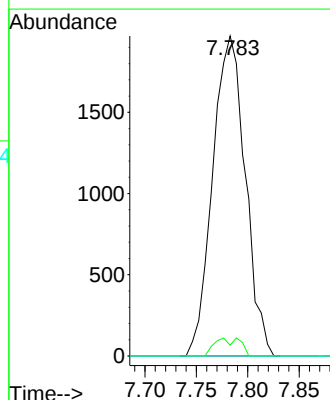
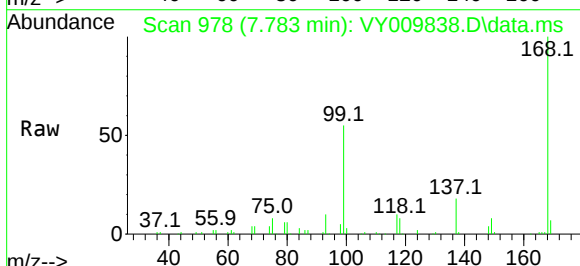
Tgt Ion: 117 Resp: 4344

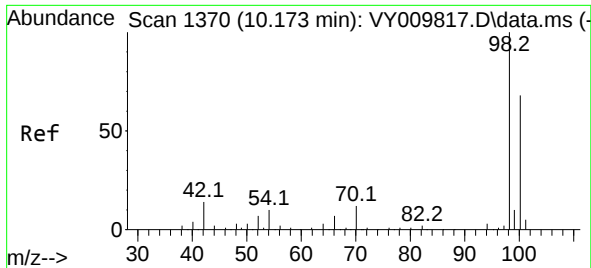
Ion Ratio Lower Upper

117 100

119 3.4 76.8 115.2#

121 0.0 24.9 37.3#

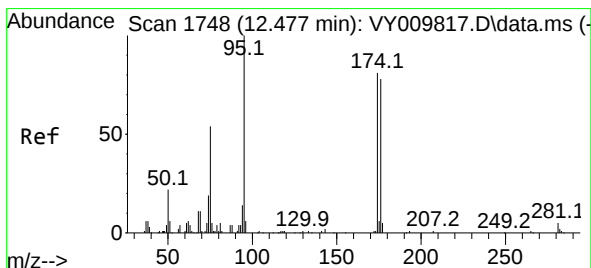
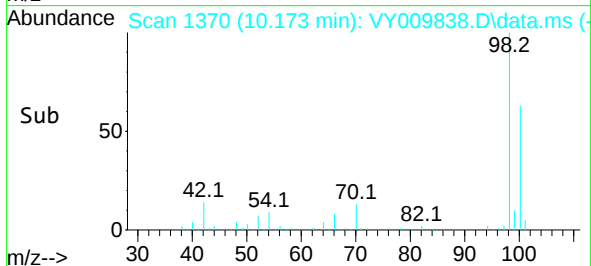
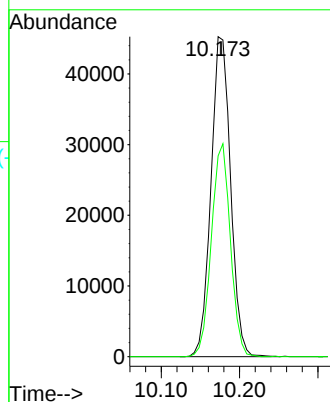
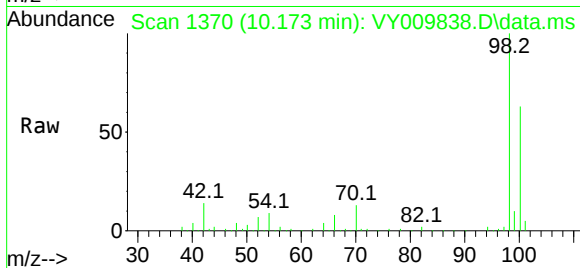




#50
Toluene-d8
Concen: 48.936 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009838.D
Acq: 04 Aug 2022 17:32

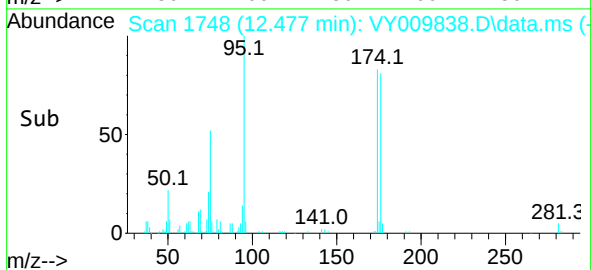
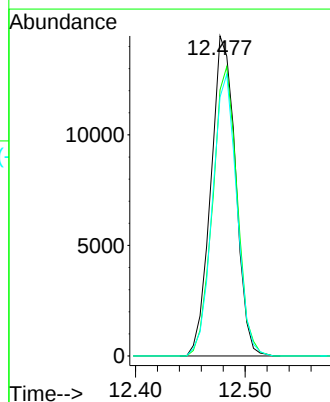
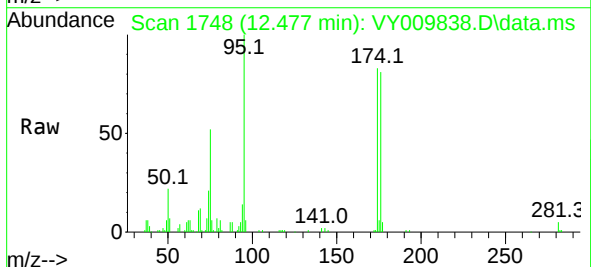
Instrument :
MSVOA_Y
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TR-05-080222

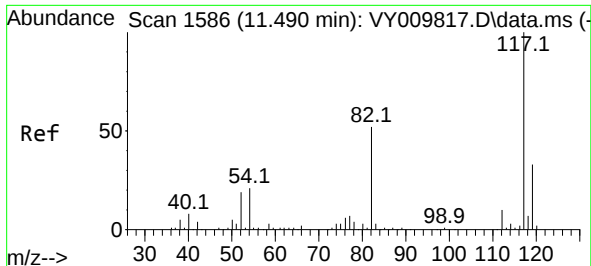
Tgt Ion: 98 Resp: 78678
Ion Ratio Lower Upper
98 100
100 64.5 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 30.587 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009838.D
Acq: 04 Aug 2022 17:32

Tgt Ion: 95 Resp: 22615
Ion Ratio Lower Upper
95 100
174 89.5 0.0 168.6
176 86.8 0.0 163.6

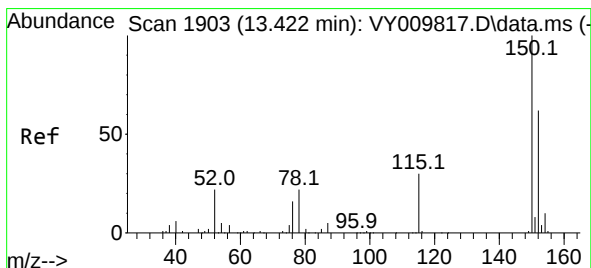
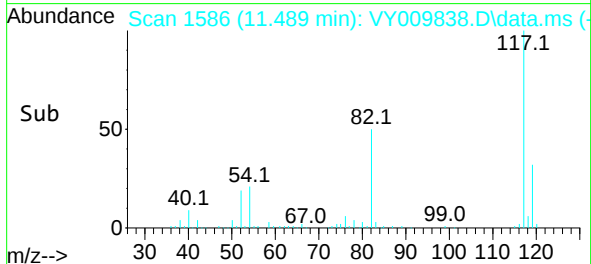
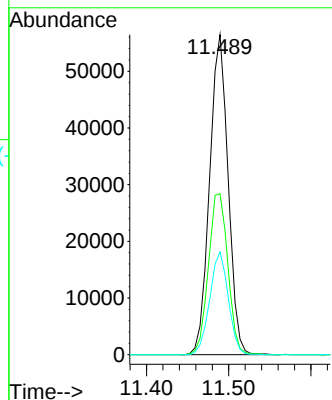
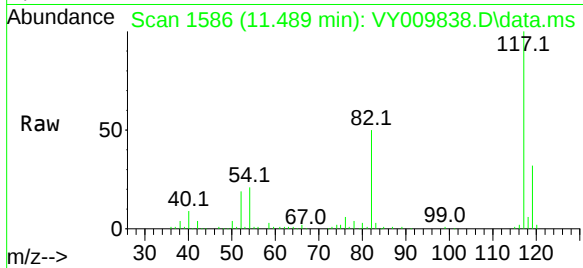




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY009838.D
Acq: 04 Aug 2022 17:32

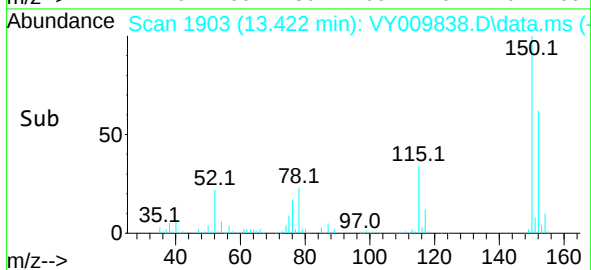
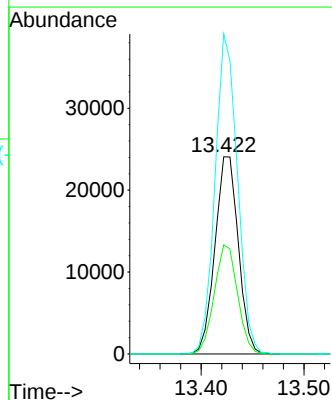
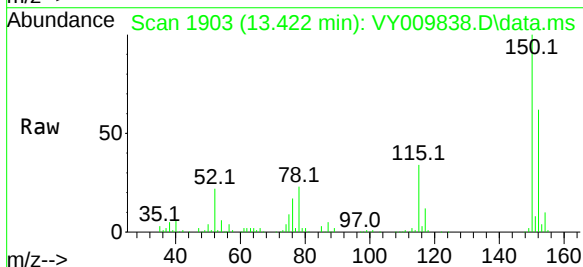
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-080222

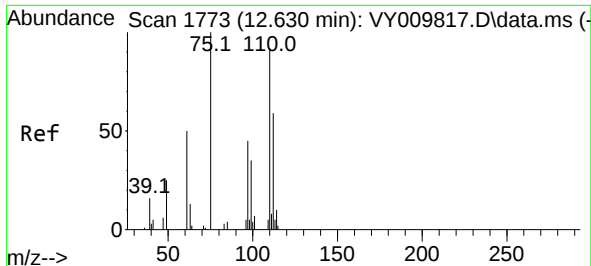
Tgt Ion:117 Resp: 88250
Ion Ratio Lower Upper
117 100
82 50.3 41.7 62.5
119 32.1 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009838.D
Acq: 04 Aug 2022 17:32

Tgt Ion:152 Resp: 38042
Ion Ratio Lower Upper
152 100
115 55.1 28.9 86.7
150 155.5 0.0 354.2

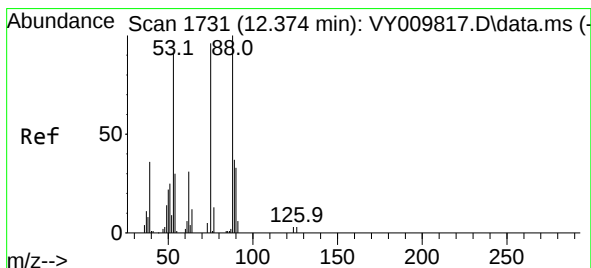
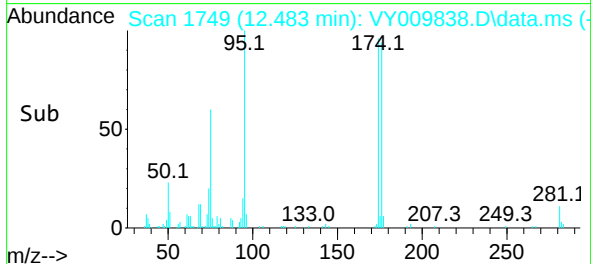
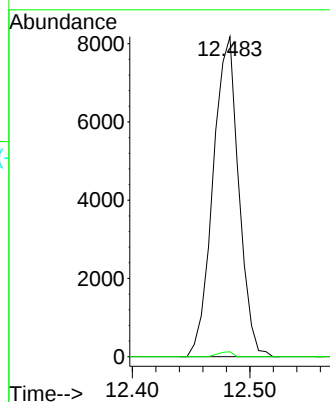
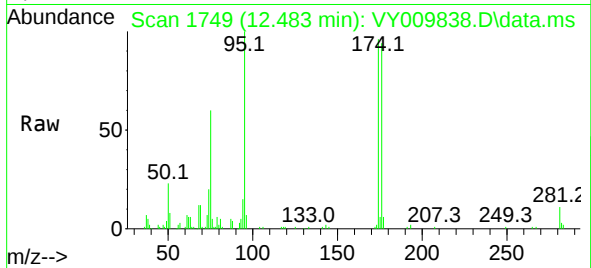




#76
1,2,3-Trichloropropane
Concen: 28.593 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY009838.D
Acq: 04 Aug 2022 17:32

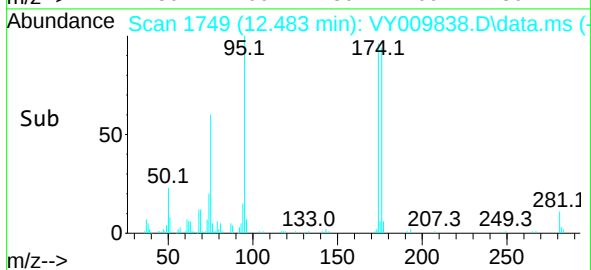
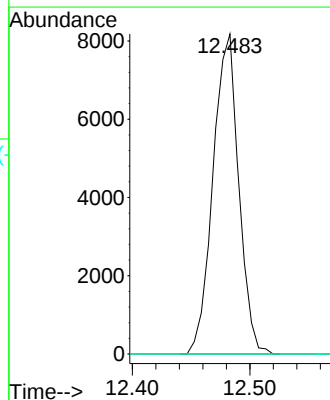
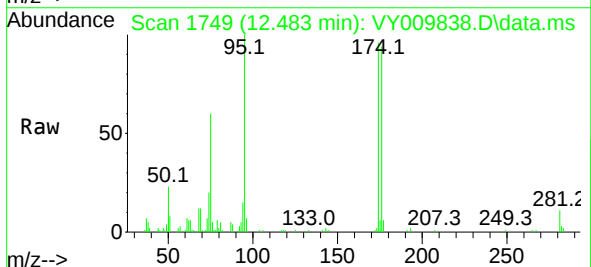
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-080222

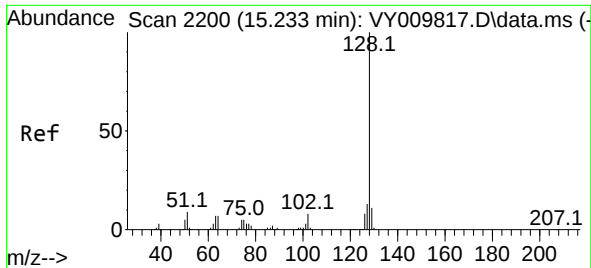
Tgt Ion: 75 Resp: 12443
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.367 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY009838.D
Acq: 04 Aug 2022 17:32

Tgt Ion: 75 Resp: 12443
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 35.3 52.9#





#95

Naphthalene

Concen: 5.467 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY009838.D

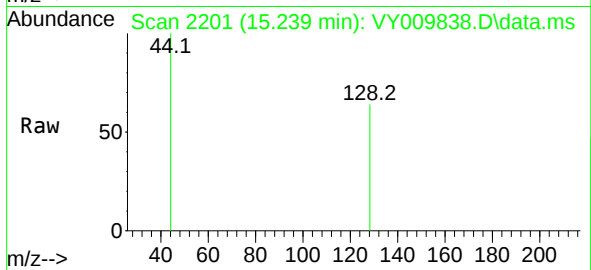
Acq: 04 Aug 2022 17:32

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-080222



Tgt Ion:128 Resp: 80

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

129 0.0 8.7 13.1#

