

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063022\
 Data File : VY009397.D
 Acq On : 30 Jun 2022 16:46
 Operator : KP/MD
 Sample : N3488-08
 Misc : 4.72g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 01 03:47:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

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

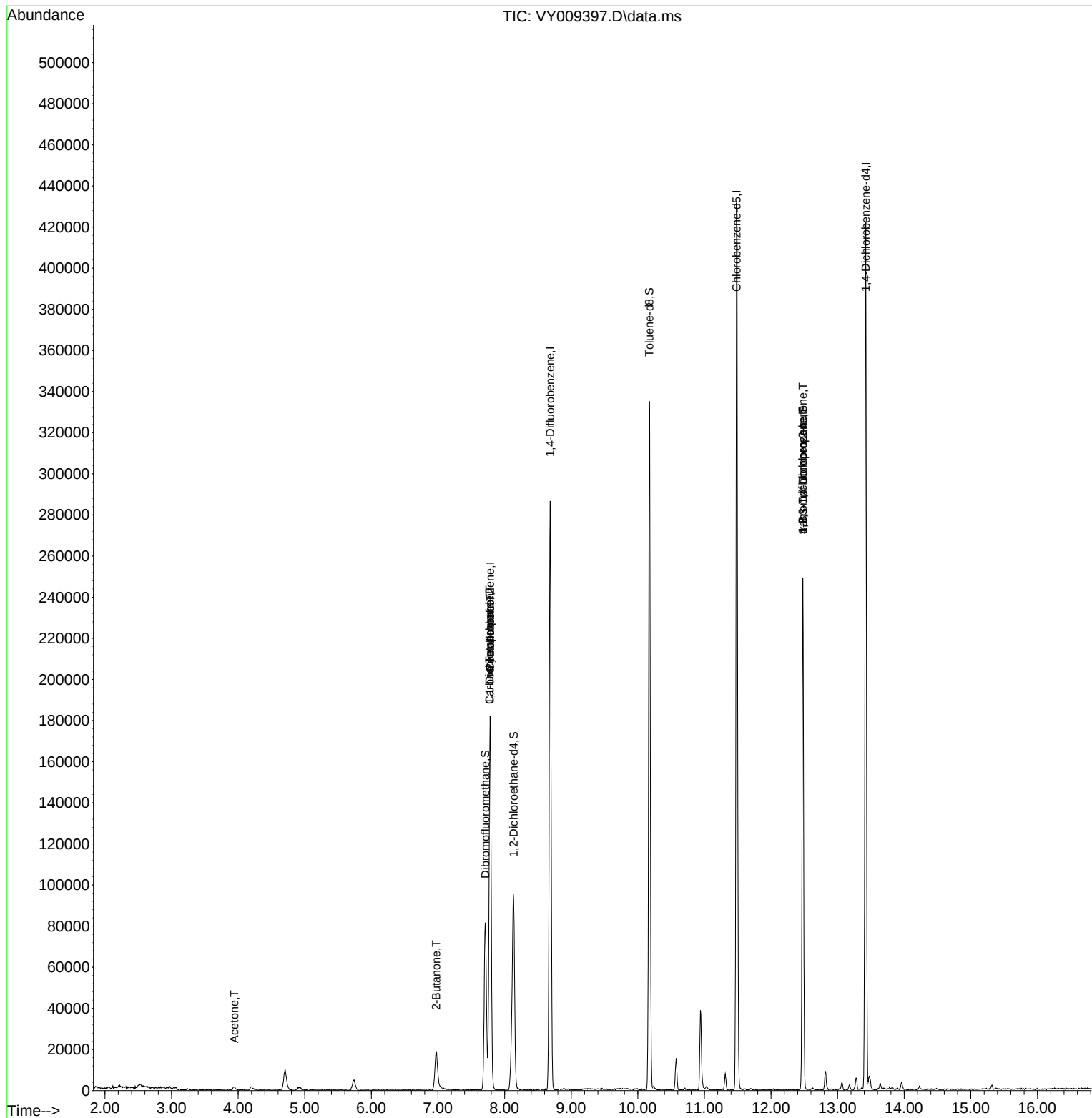
Internal Standards						
1) Pentafluorobenzene	7.783	168	140284	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	240916	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	229441	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	104256	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	64947	57.802	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.600%
35) Dibromofluoromethane	7.710	113	55700	42.008	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.020%
50) Toluene-d8	10.173	98	213823	52.596	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.200%
62) 4-Bromofluorobenzene	12.477	95	67798	35.164	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	70.320%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.905	59	1048	Below Cal	#	77
16) Acetone	3.942	43	2591	7.021	ug/l #	89
18) Methyl Acetate	4.479	43	171	Below Cal	#	56
20) Methylene Chloride	4.704	84	6938	Below Cal		85
25) 2-Butanone	6.972	43	1315	2.248	ug/l #	54
31) Cyclohexane	7.783	56	3017	1.194	ug/l #	1
36) 1,1-Dichloropropene	7.777	75	10938	4.718	ug/l #	50
38) Carbon Tetrachloride	7.777	117	13743	5.671	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	36325	29.752	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	36325	66.242	ug/l #	7

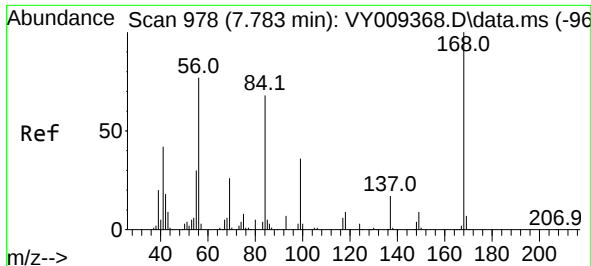
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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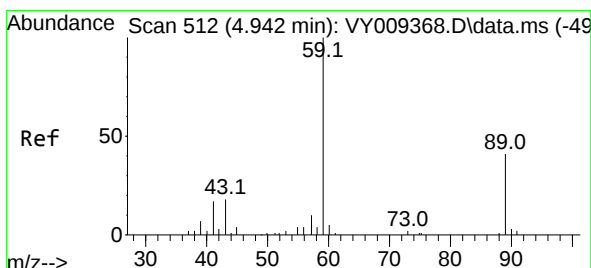
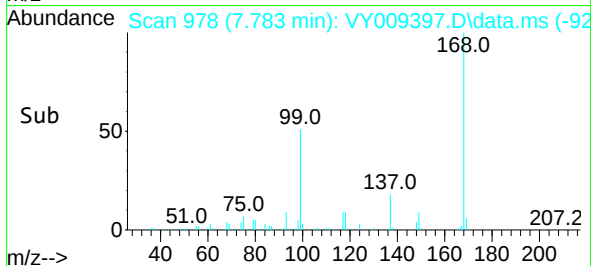
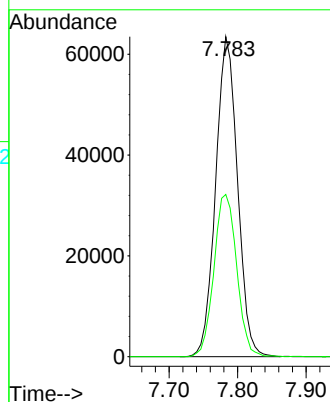
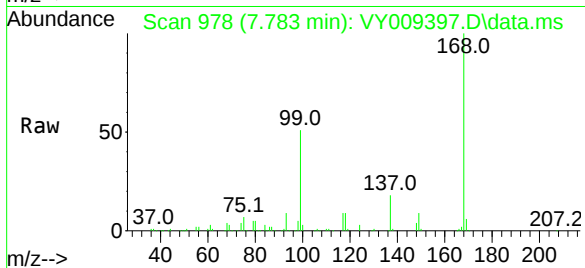




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009397.D
Acq: 30 Jun 2022 16:46

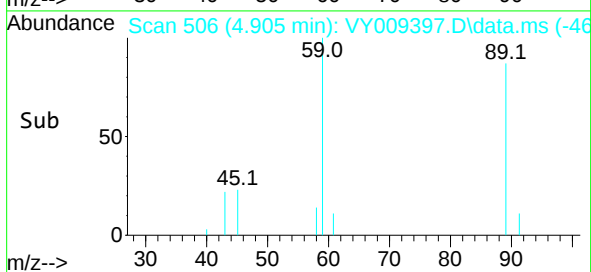
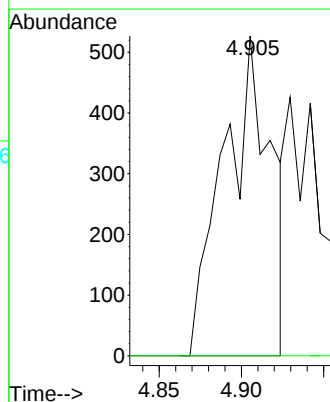
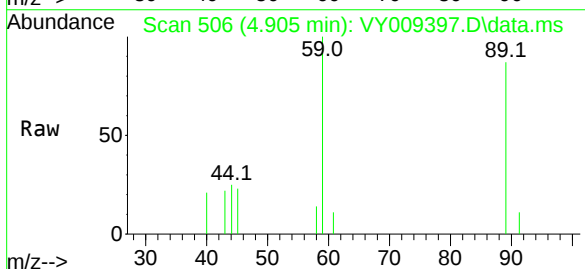
Instrument :
MSVOA_Y
ClientSampleId :

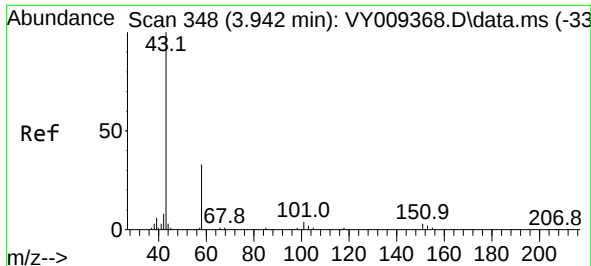
Tgt Ion:168 Resp: 140284
Ion Ratio Lower Upper
168 100
99 50.7 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.905 min Scan# 506
Delta R.T. -0.037 min
Lab File: VY009397.D
Acq: 30 Jun 2022 16:46

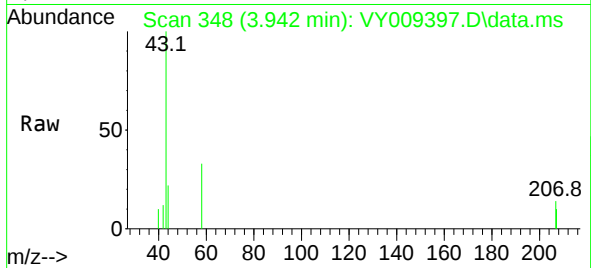
Tgt Ion: 59 Resp: 1048
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



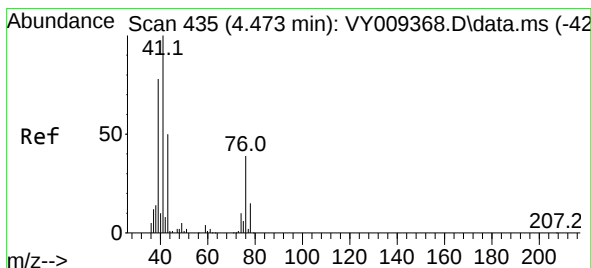
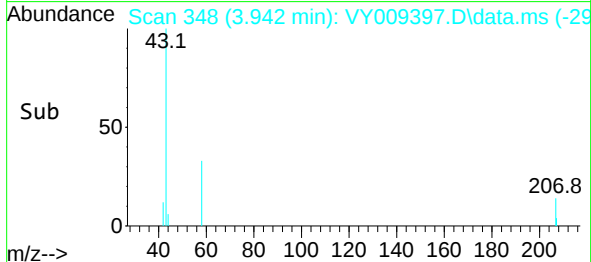
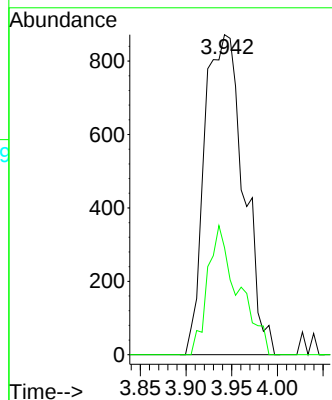


#16
Acetone
Concen: 7.021 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY009397.D
Acq: 30 Jun 2022 16:46

Instrument :
MSVOA_Y
ClientSampleId :

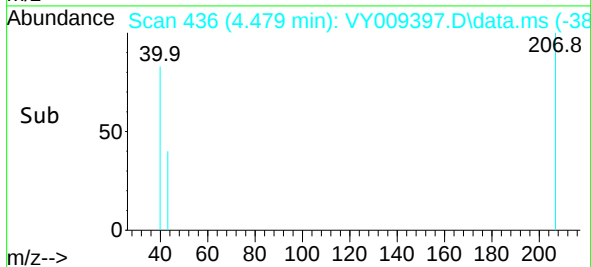
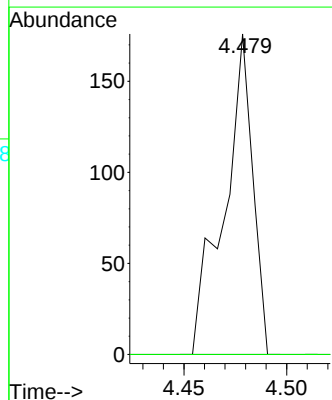
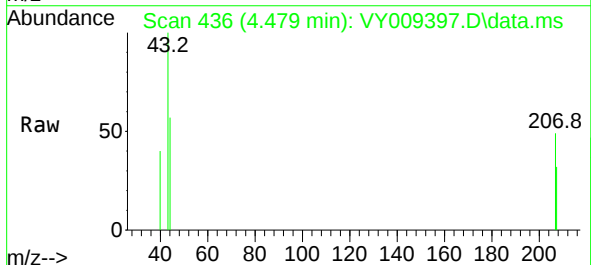


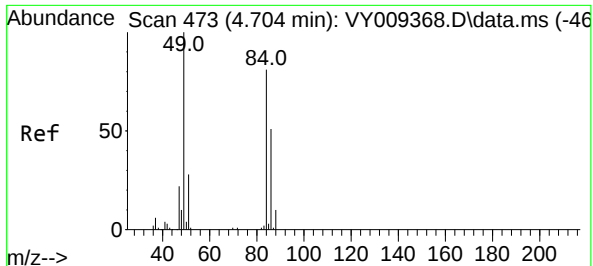
Tgt Ion: 43 Resp: 2591
Ion Ratio Lower Upper
43 100
58 33.5 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY009397.D
Acq: 30 Jun 2022 16:46

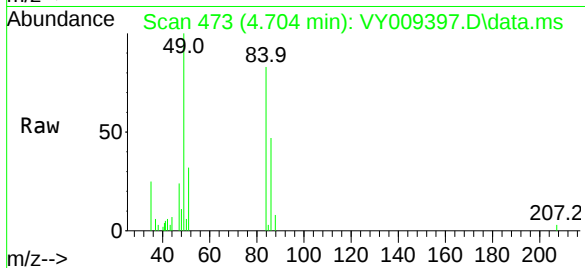
Tgt Ion: 43 Resp: 171
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



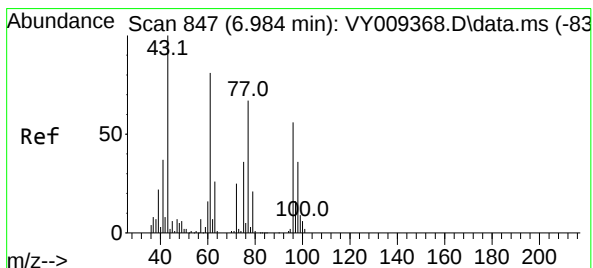
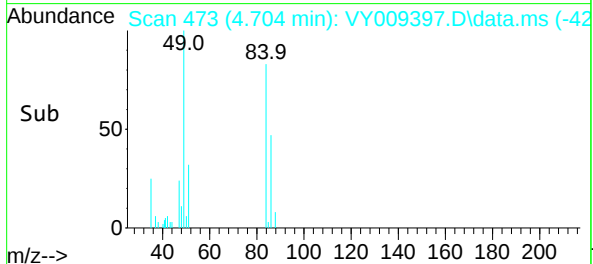
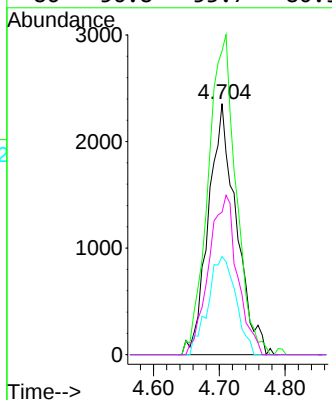


#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY009397.D
Acq: 30 Jun 2022 16:46

Instrument :
MSVOA_Y
ClientSampleId :

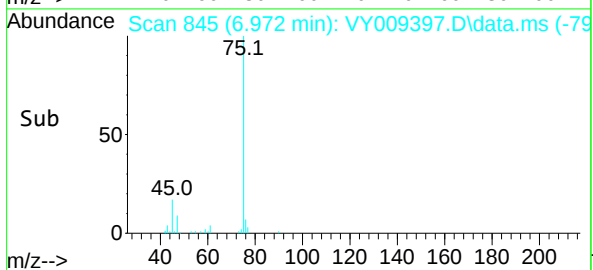
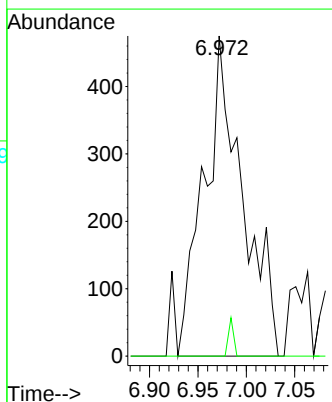
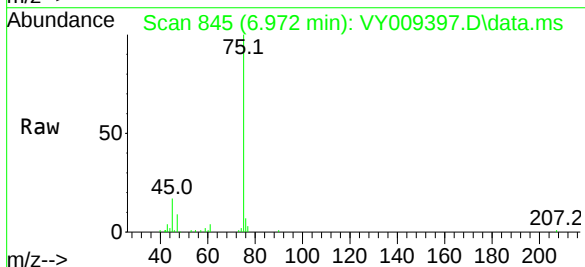


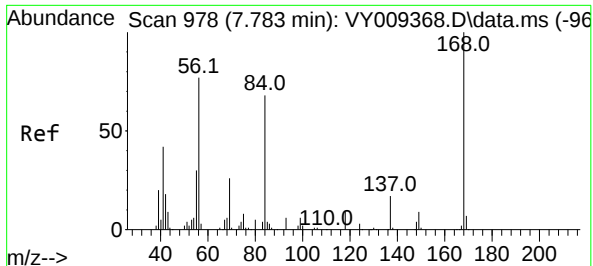
Tgt Ion: 84	Resp: 6938
Ion Ratio	Lower Upper
84 100	
49 121.0	114.4 171.6
51 39.0	35.3 52.9
86 56.8	53.7 80.5



#25
2-Butanone
Concen: 2.248 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY009397.D
Acq: 30 Jun 2022 16:46

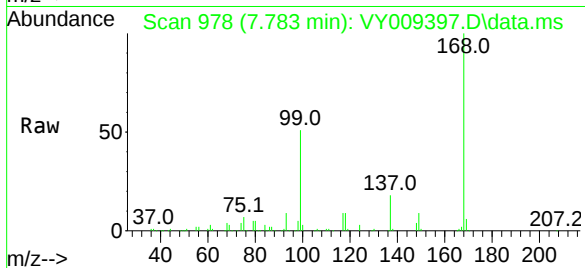
Tgt Ion: 43	Resp: 1315
Ion Ratio	Lower Upper
43 100	
72 0.0	17.7 26.5#



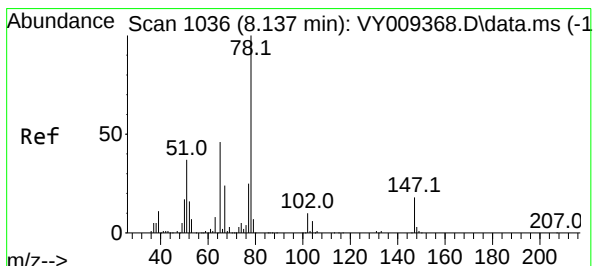
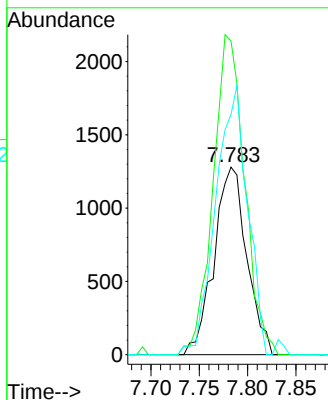
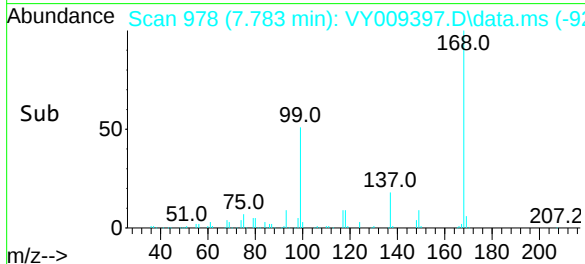


#31
Cyclohexane
Concen: 1.194 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009397.D
Acq: 30 Jun 2022 16:46

Instrument :
MSVOA_Y
ClientSampleId :

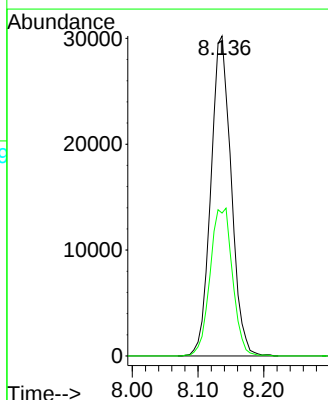
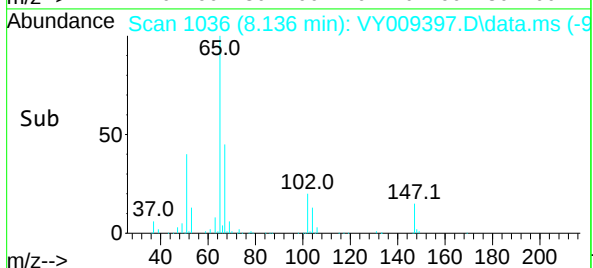
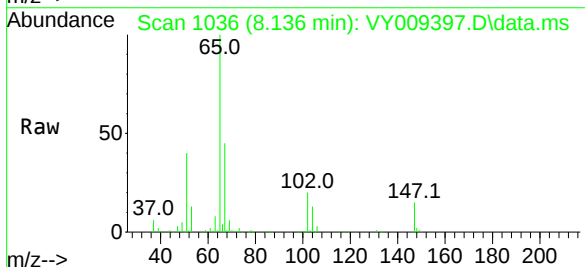


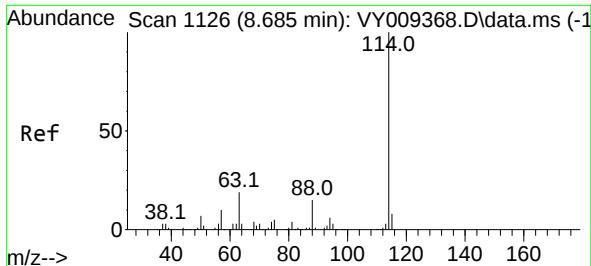
Tgt Ion: 56 Resp: 3017
Ion Ratio Lower Upper
56 100
69 167.2 26.7 40.1#
84 128.0 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 57.802 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009397.D
Acq: 30 Jun 2022 16:46

Tgt Ion: 65 Resp: 64947
Ion Ratio Lower Upper
65 100
67 51.1 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: VY009397.D

Acq: 30 Jun 2022 16:46

Instrument :

MSVOA_Y

ClientSampleId :

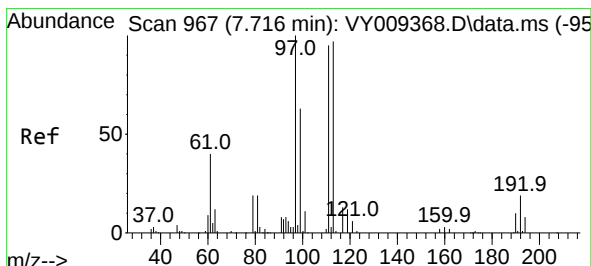
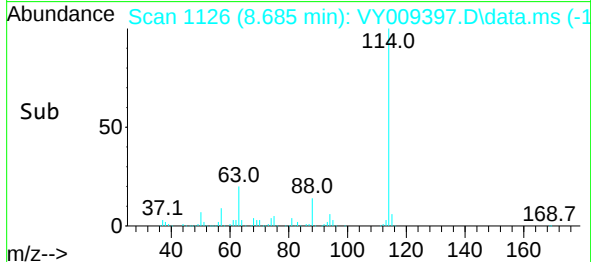
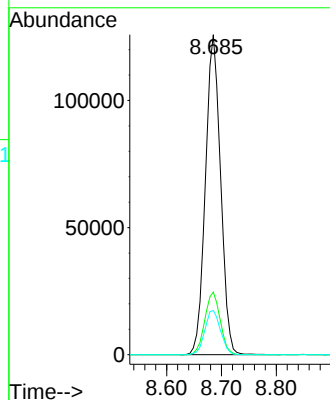
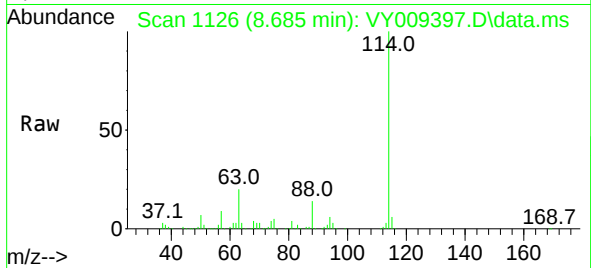
Tgt Ion:114 Resp: 240916

Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 13.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 42.008 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009397.D

Acq: 30 Jun 2022 16:46

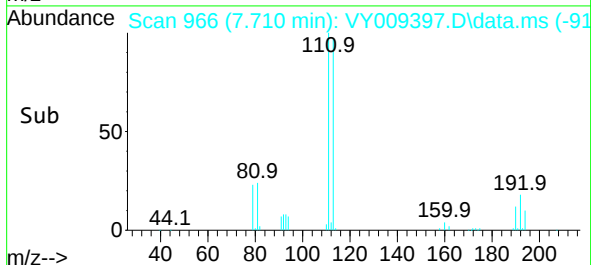
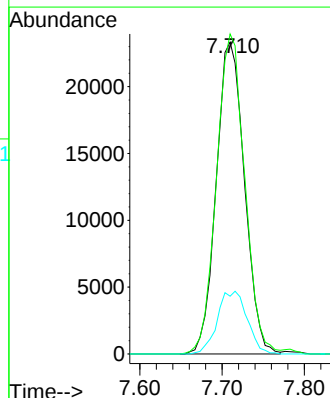
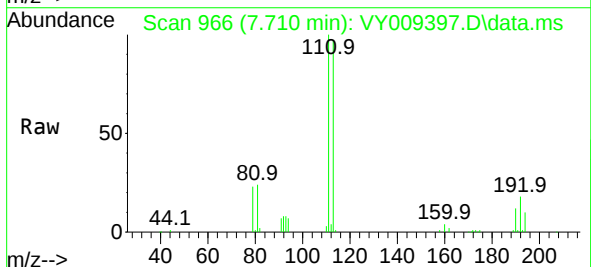
Tgt Ion:113 Resp: 55700

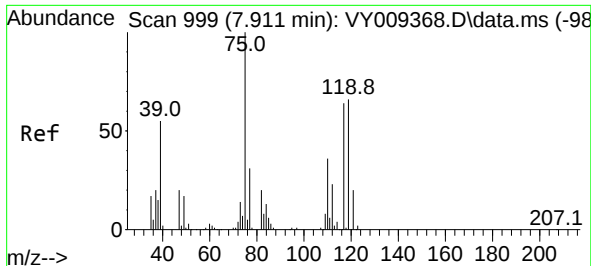
Ion Ratio Lower Upper

113 100

111 102.6 82.6 124.0

192 21.2 17.6 26.4

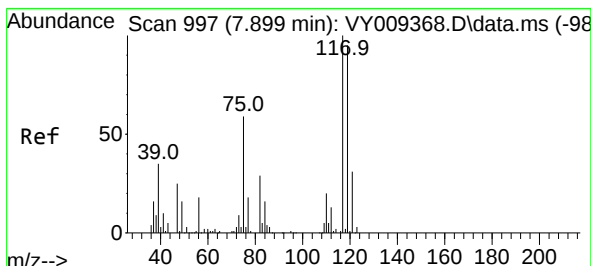
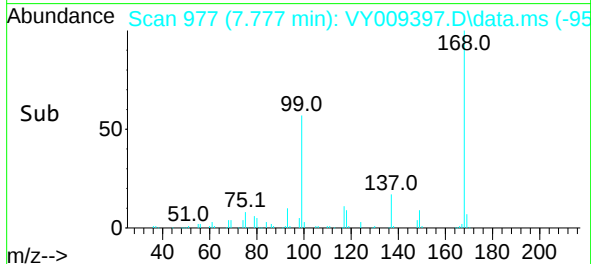
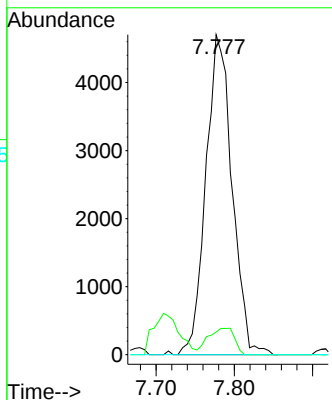
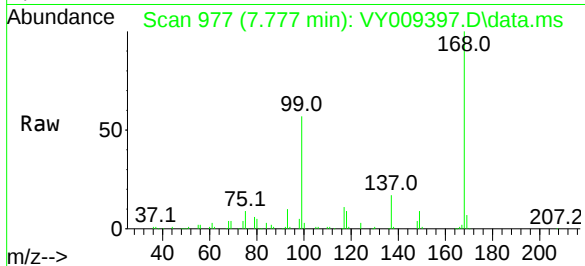




#36
1,1-Dichloropropene
Concen: 4.718 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY009397.D
Acq: 30 Jun 2022 16:46

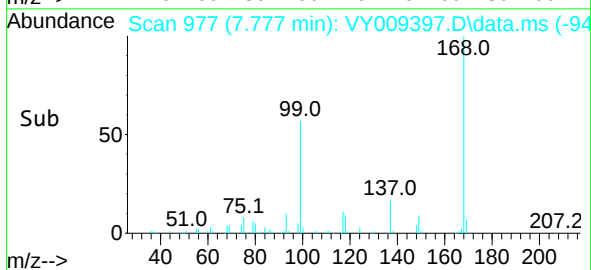
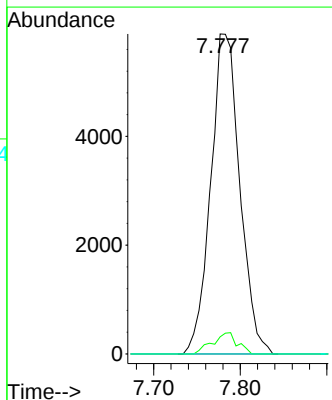
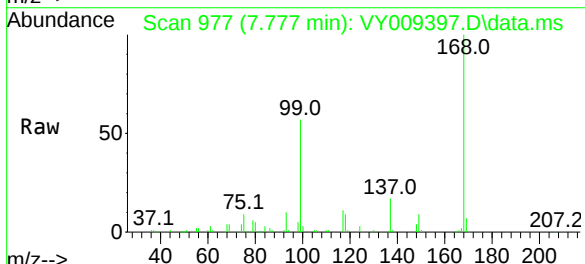
Instrument :
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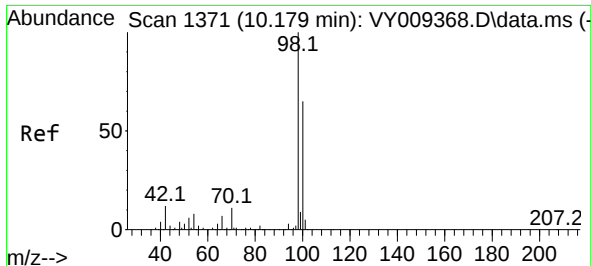
Tgt Ion: 75 Resp: 10938
Ion Ratio Lower Upper
75 100
110 8.3 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.671 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.116 min
Lab File: VY009397.D
Acq: 30 Jun 2022 16:46

Tgt Ion: 117 Resp: 13743
Ion Ratio Lower Upper
117 100
119 5.3 77.9 116.9#
121 0.0 24.8 37.2#

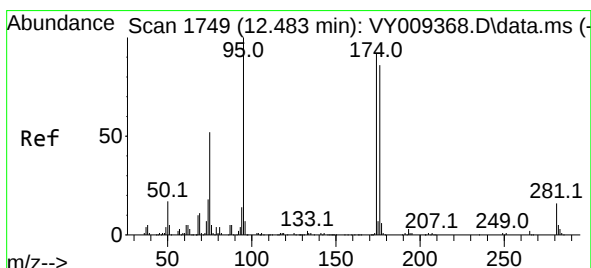
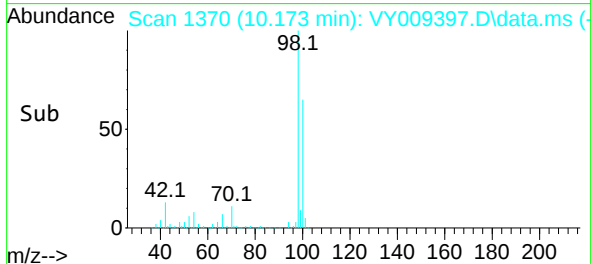
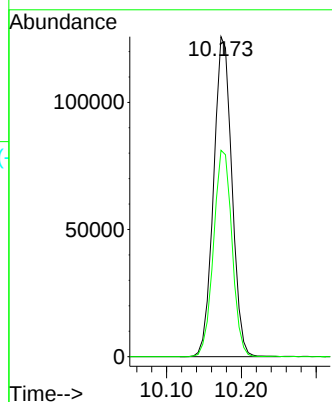
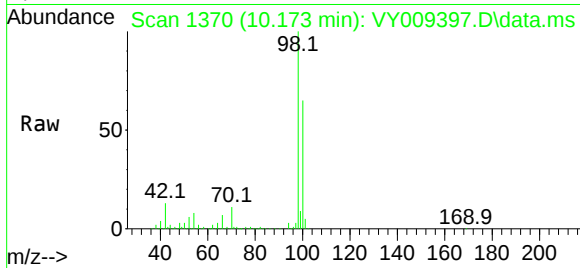




#50
Toluene-d8
Concen: 52.596 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009397.D
Acq: 30 Jun 2022 16:46

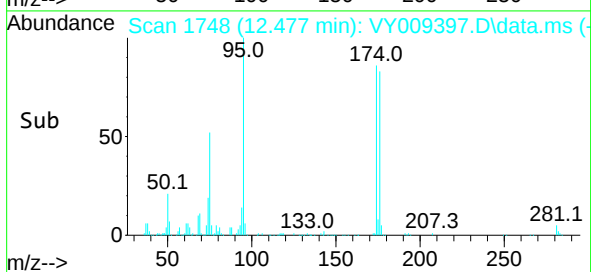
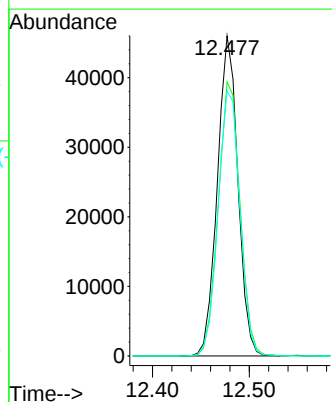
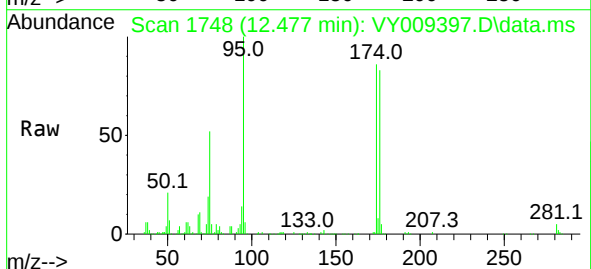
Instrument :
MSVOA_Y
ClientSampleId :

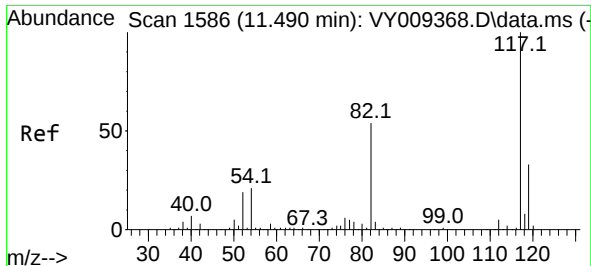
Tgt Ion: 98 Resp: 213823
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 35.164 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009397.D
Acq: 30 Jun 2022 16:46

Tgt Ion: 95 Resp: 67798
Ion Ratio Lower Upper
95 100
174 90.9 0.0 177.0
176 88.1 0.0 175.8

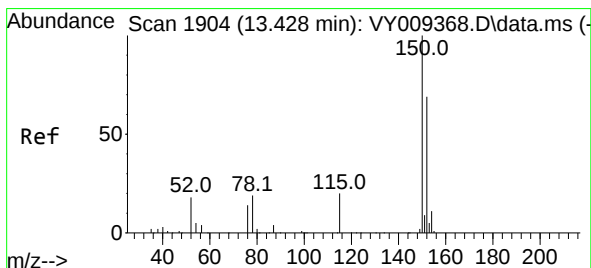
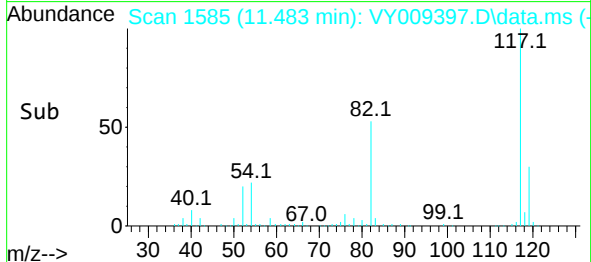
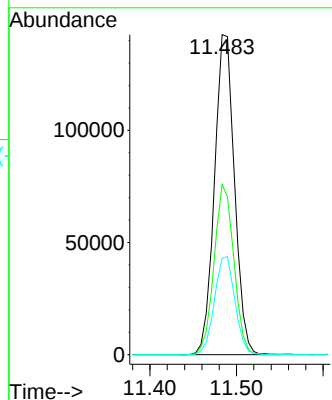
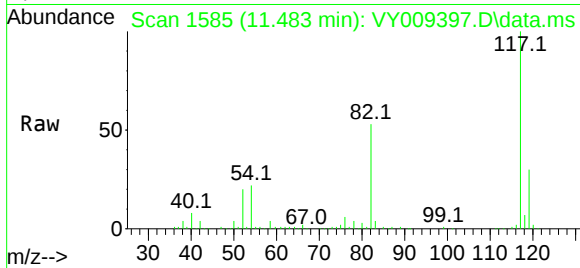




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY009397.D
Acq: 30 Jun 2022 16:46

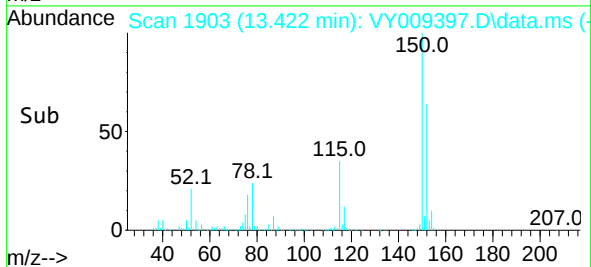
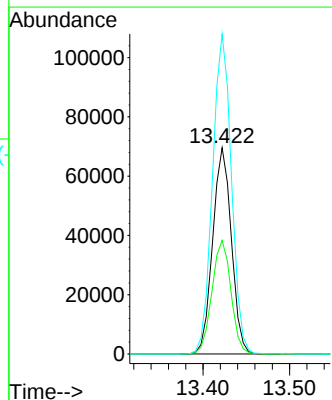
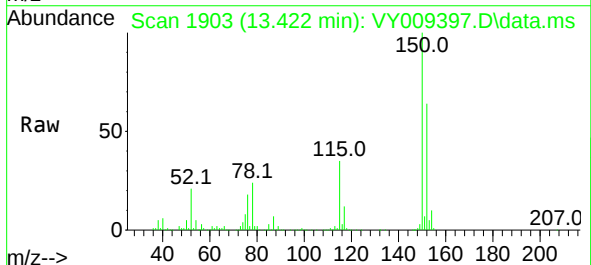
Instrument :
MSVOA_Y
ClientSampleId :

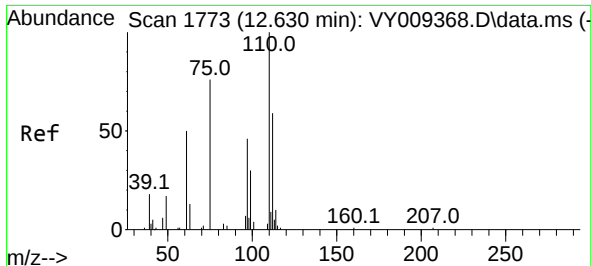
Tgt Ion:117 Resp: 229441
Ion Ratio Lower Upper
117 100
82 53.2 43.0 64.4
119 30.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009397.D
Acq: 30 Jun 2022 16:46

Tgt Ion:152 Resp: 104256
Ion Ratio Lower Upper
152 100
115 55.9 28.2 84.7
150 156.8 0.0 347.6

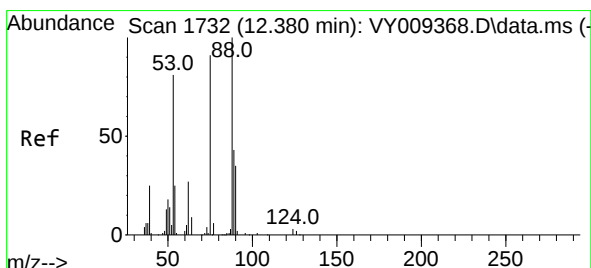
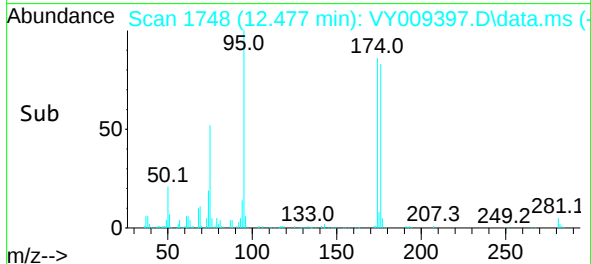
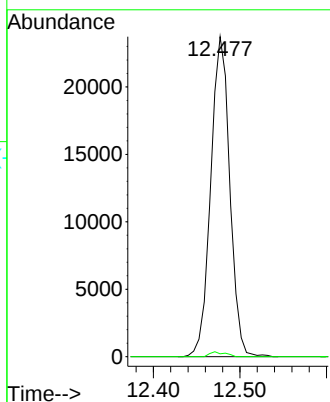
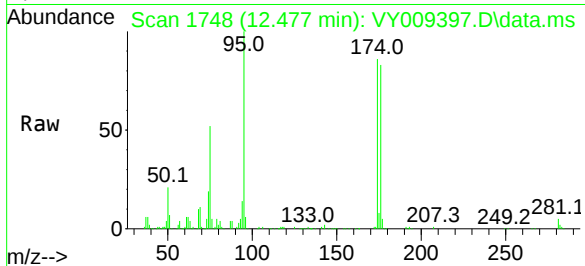




#76
1,2,3-Trichloropropane
Concen: 29.752 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009397.D
Acq: 30 Jun 2022 16:46

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 36325
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.242 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY009397.D
Acq: 30 Jun 2022 16:46

Tgt Ion: 75 Resp: 36325
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

