

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063022\
 Data File : VY009401.D
 Acq On : 30 Jun 2022 18:20
 Operator : KP/MD
 Sample : N3488-12
 Misc : 4.37g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 01 03:48:31 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)

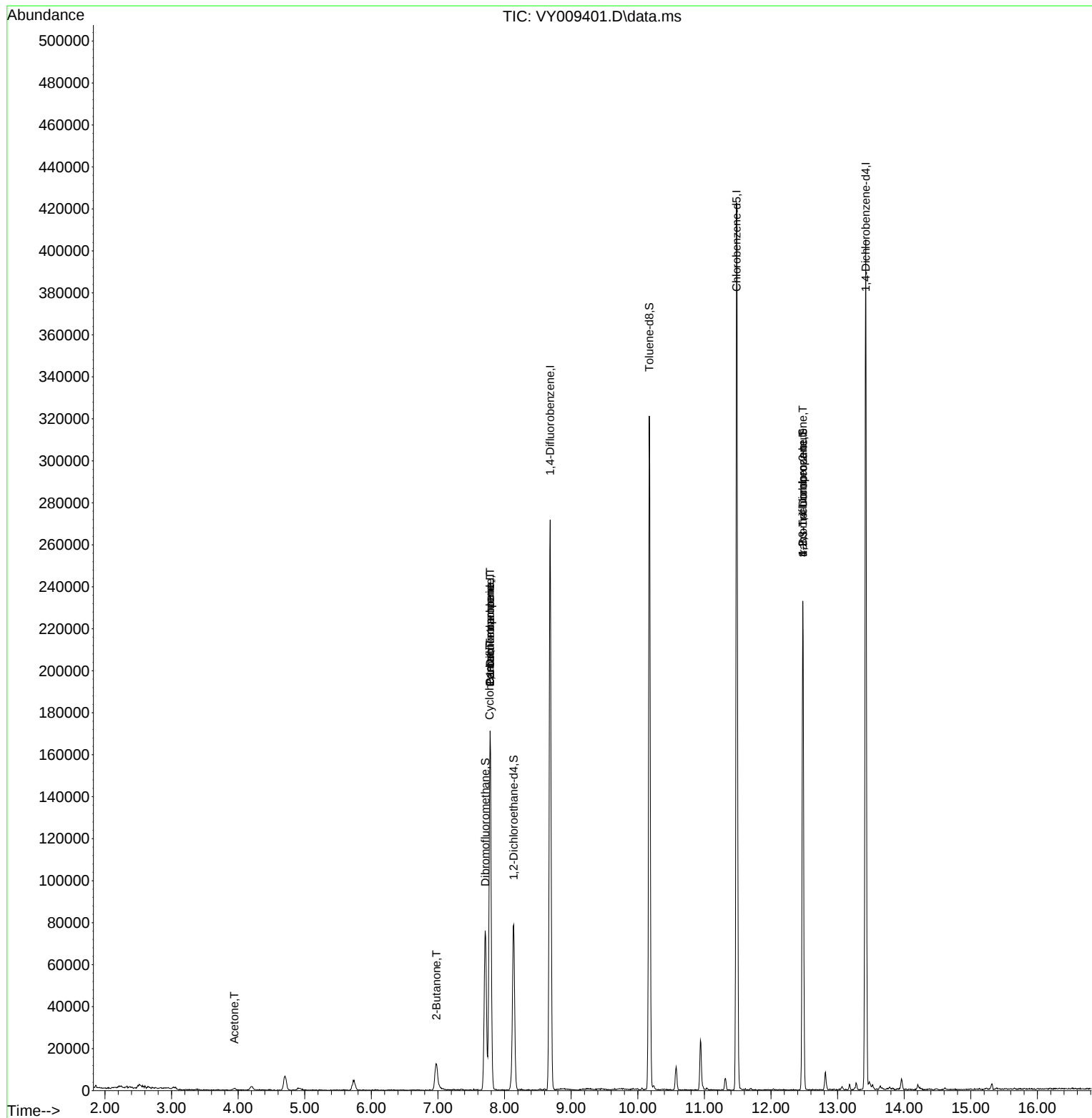
Internal Standards						
1) Pentafluorobenzene	7.783	168	130254	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	225329	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	215712	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	99504	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	59729	57.251	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.500%			
35) Dibromofluoromethane	7.710	113	52819	42.591	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 85.180%			
50) Toluene-d8	10.173	98	200731	52.792	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.580%			
62) 4-Bromofluorobenzene	12.477	95	64551	35.796	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 71.600%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.893	59	394	Below Cal	#	77
16) Acetone	3.942	43	1375	4.013	ug/l #	83
18) Methyl Acetate	4.466	43	106	Below Cal	#	56
20) Methylene Chloride	4.704	84	4690	Below Cal	#	84
25) 2-Butanone	6.978	43	1103	2.031	ug/l	91
31) Cyclohexane	7.777	56	2949	1.257	ug/l #	49
36) 1,1-Dichloropropene	7.783	75	10534	4.858	ug/l #	52
38) Carbon Tetrachloride	7.783	117	12557	5.540	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	33821	29.024	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	33821	64.622	ug/l #	7

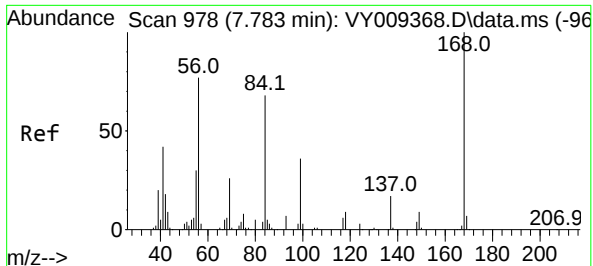
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063022\
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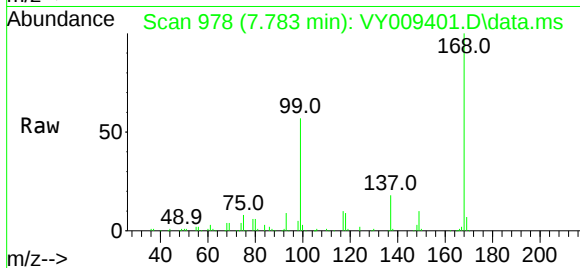
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 29 17:35:34 2022
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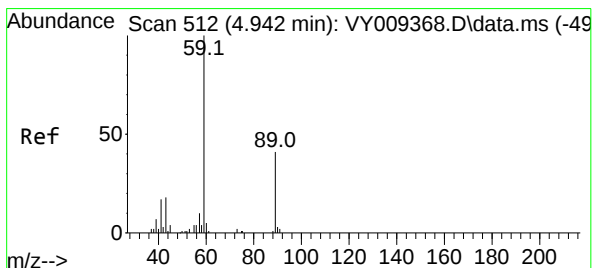
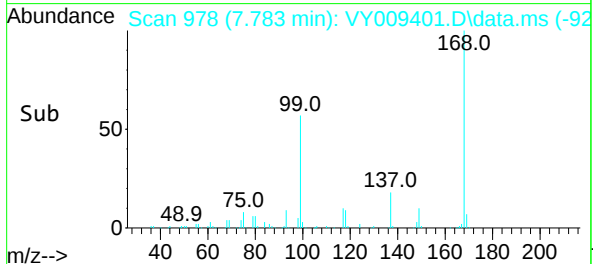
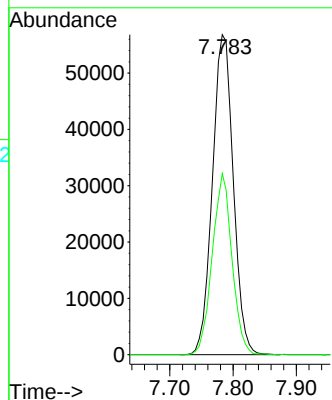


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009401.D
Acq: 30 Jun 2022 18:20

Instrument :
MSVOA_Y
ClientSampleId :

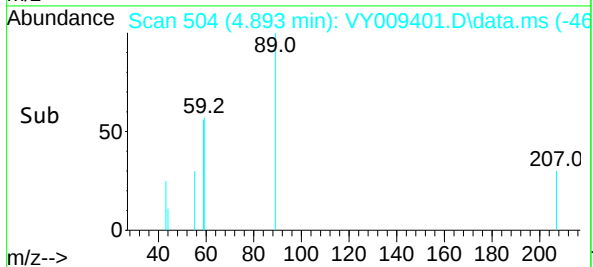
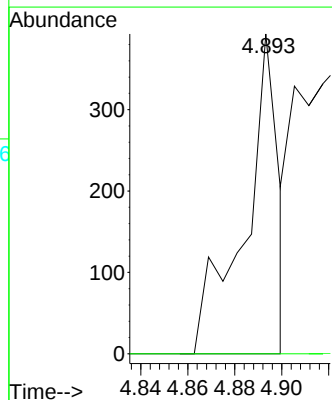
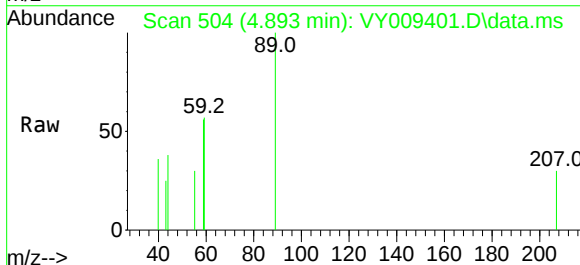


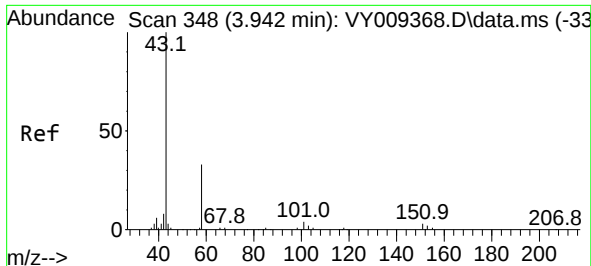
Tgt Ion:168 Resp: 130254
Ion Ratio Lower Upper
168 100
99 56.6 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.893 min Scan# 504
Delta R.T. -0.049 min
Lab File: VY009401.D
Acq: 30 Jun 2022 18:20

Tgt Ion: 59 Resp: 394
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

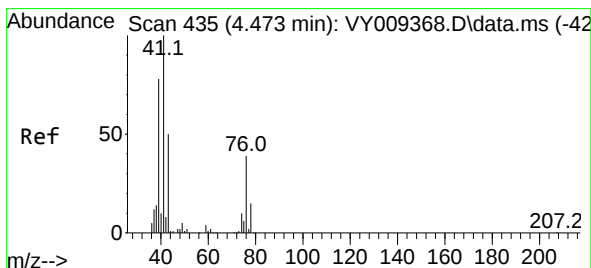
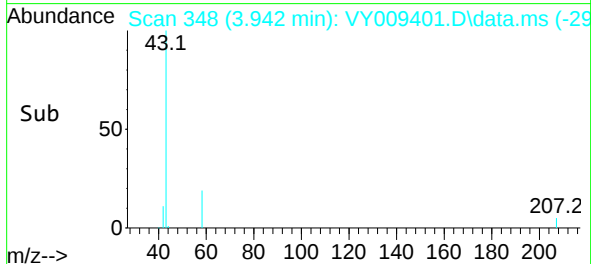
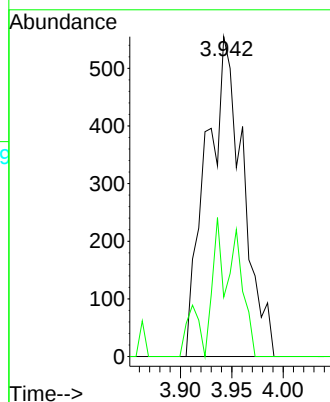
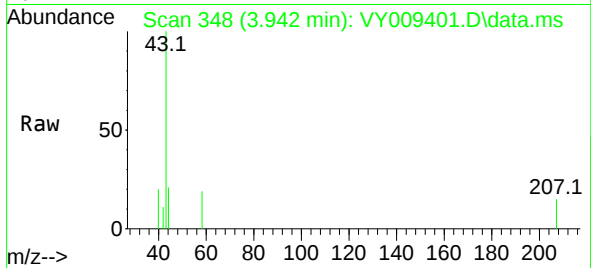




#16
Acetone
Concen: 4.013 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY009401.D
Acq: 30 Jun 2022 18:20

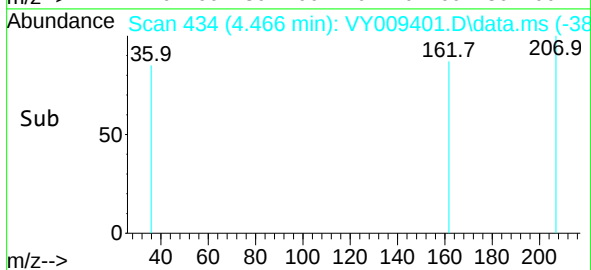
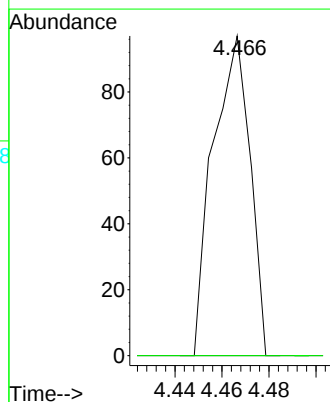
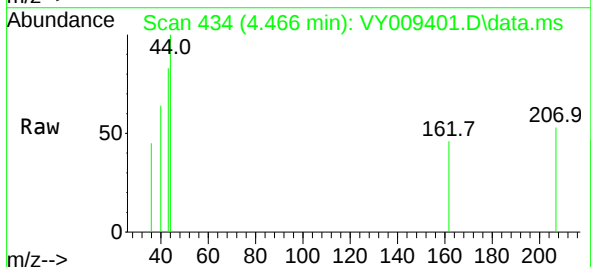
Instrument :
MSVOA_Y
ClientSampleId :

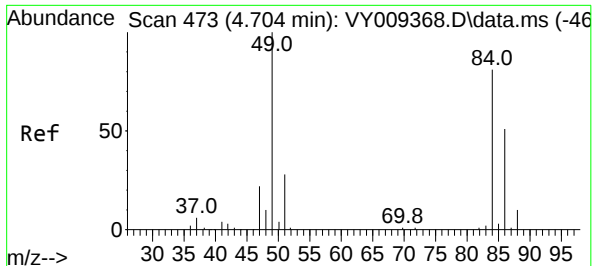
Tgt Ion: 43 Resp: 1375
Ion Ratio Lower Upper
43 100
58 18.6 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 434
Delta R.T. -0.007 min
Lab File: VY009401.D
Acq: 30 Jun 2022 18:20

Tgt Ion: 43 Resp: 106
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

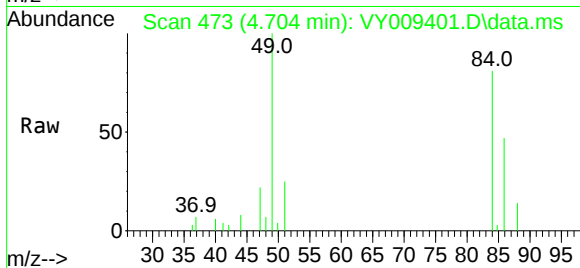
Lab File: VY009401.D

Acq: 30 Jun 2022 18:20

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 4690

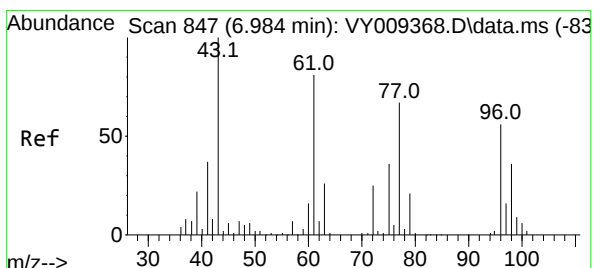
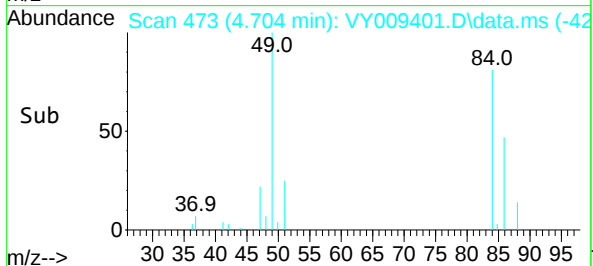
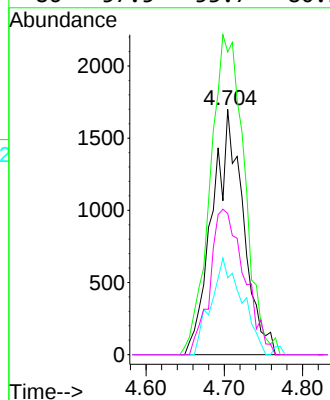
Ion Ratio Lower Upper

84 100

49 123.4 114.4 171.6

51 31.3 35.3 52.9#

86 57.5 53.7 80.5



#25

2-Butanone

Concen: 2.031 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY009401.D

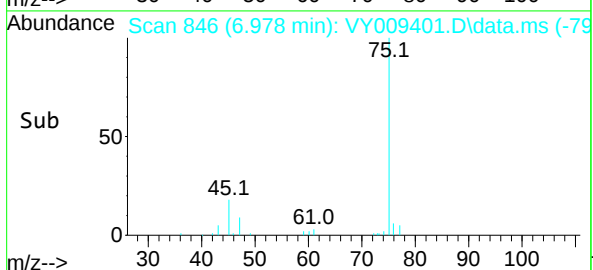
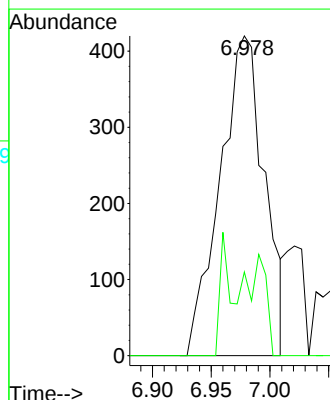
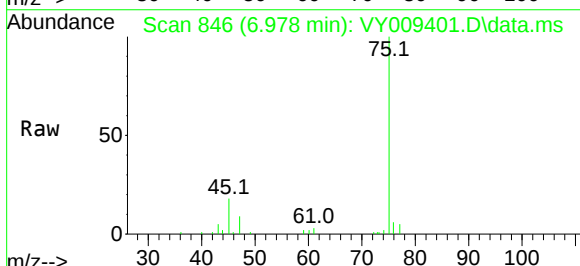
Acq: 30 Jun 2022 18:20

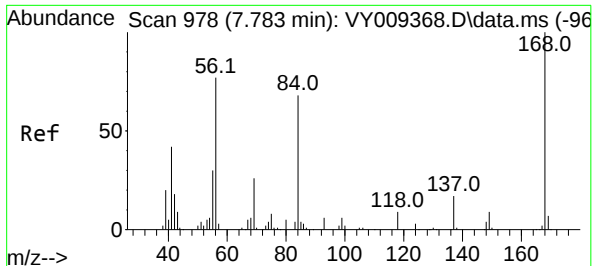
Tgt Ion: 43 Resp: 1103

Ion Ratio Lower Upper

43 100

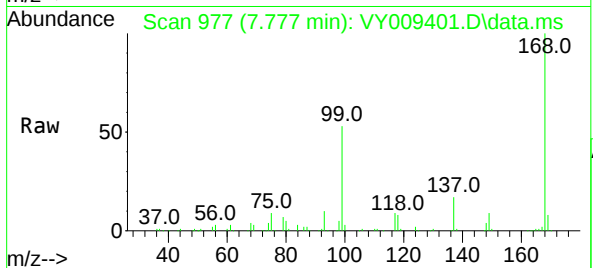
72 26.2 17.7 26.5



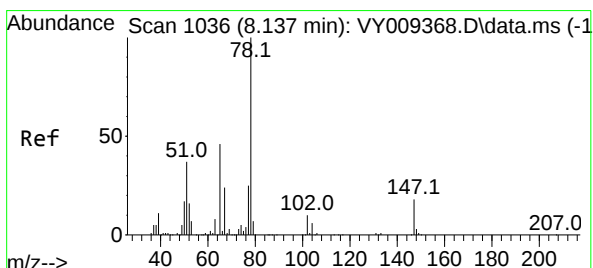
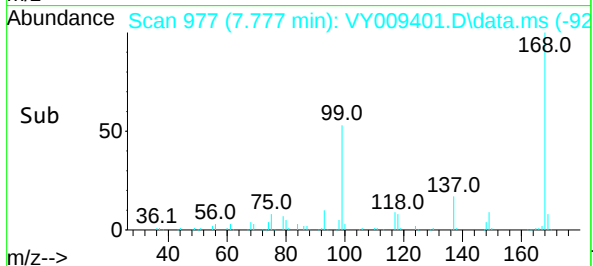
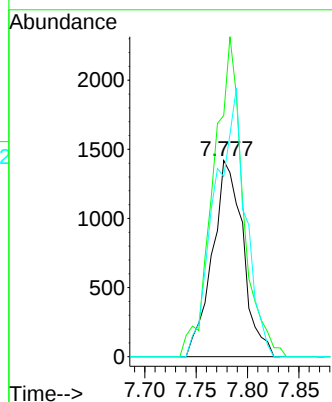


#31
Cyclohexane
Concen: 1.257 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009401.D
Acq: 30 Jun 2022 18:20

Instrument :
MSVOA_Y
ClientSampleId :

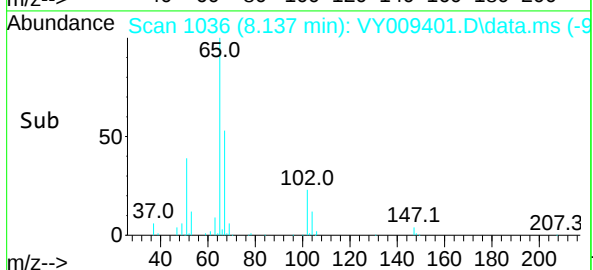
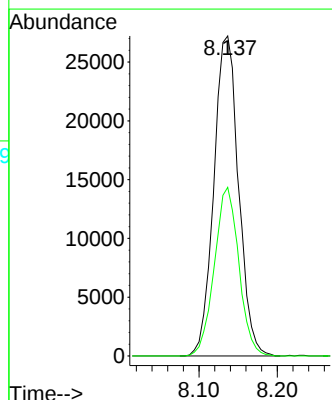
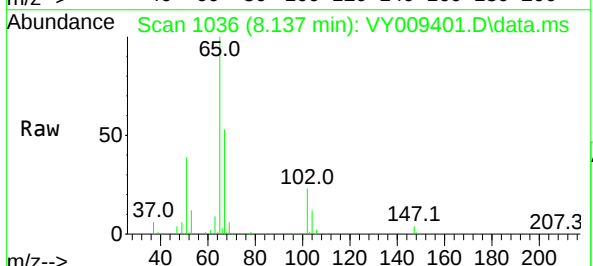


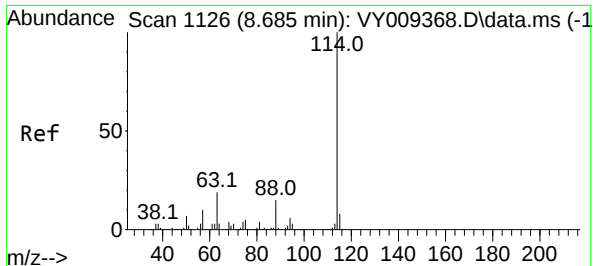
Tgt Ion: 56 Resp: 2949
Ion Ratio Lower Upper
56 100
69 123.0 26.7 40.1#
84 91.9 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 57.251 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY009401.D
Acq: 30 Jun 2022 18:20

Tgt Ion: 65 Resp: 59729
Ion Ratio Lower Upper
65 100
67 52.2 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: VY009401.D

Acq: 30 Jun 2022 18:20

Instrument :

MSVOA_Y

ClientSampleId :

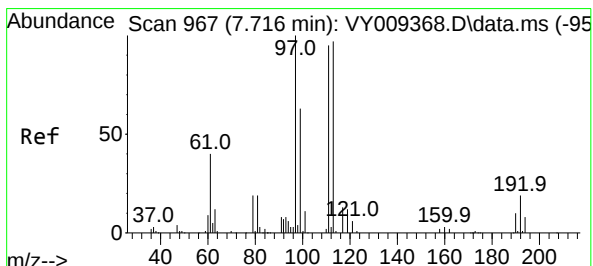
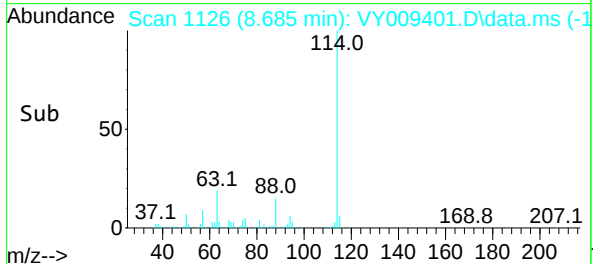
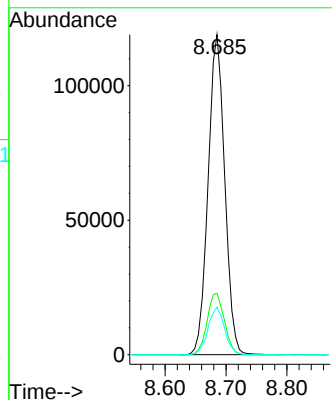
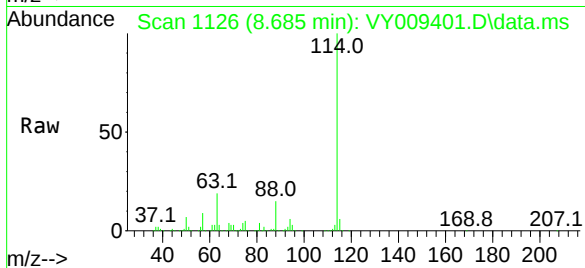
Tgt Ion:114 Resp: 225329

Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 14.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 42.591 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009401.D

Acq: 30 Jun 2022 18:20

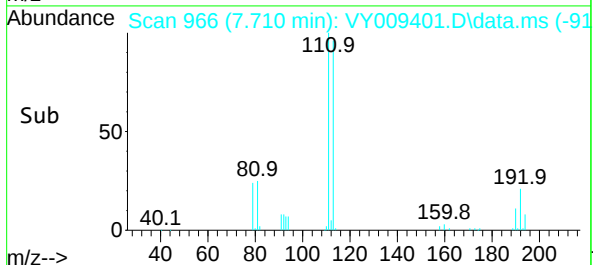
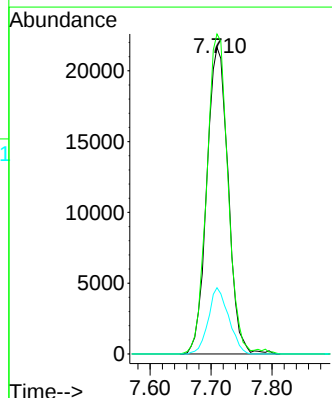
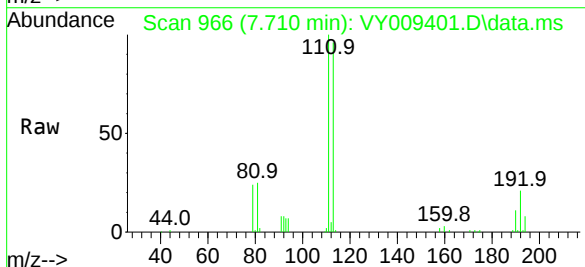
Tgt Ion:113 Resp: 52819

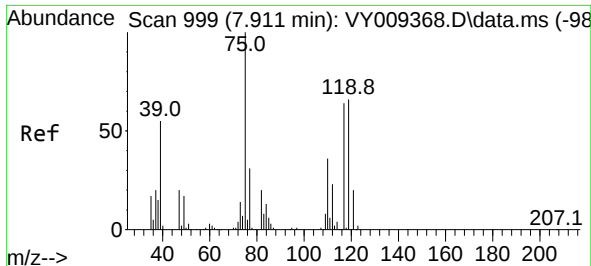
Ion Ratio Lower Upper

113 100

111 103.2 82.6 124.0

192 20.5 17.6 26.4

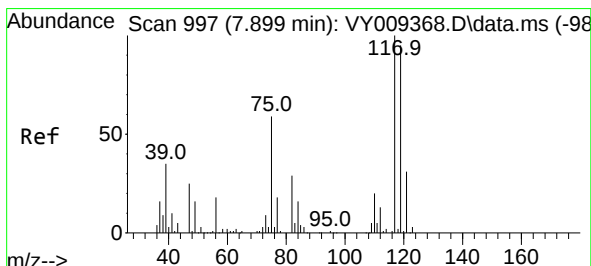
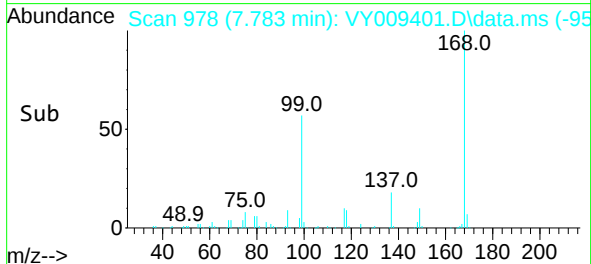
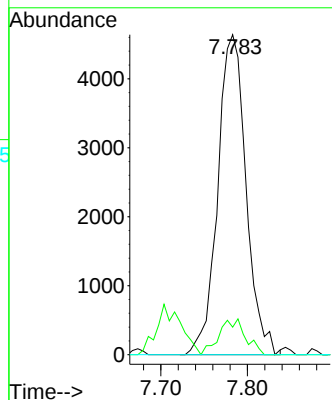
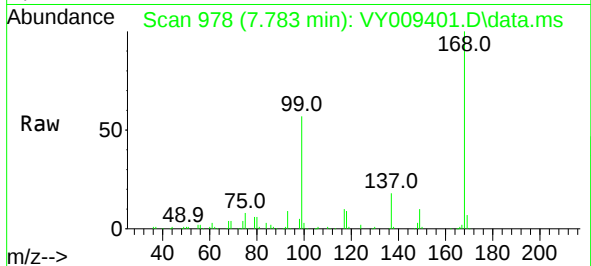




#36
1,1-Dichloropropene
Concen: 4.858 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY009401.D
Acq: 30 Jun 2022 18:20

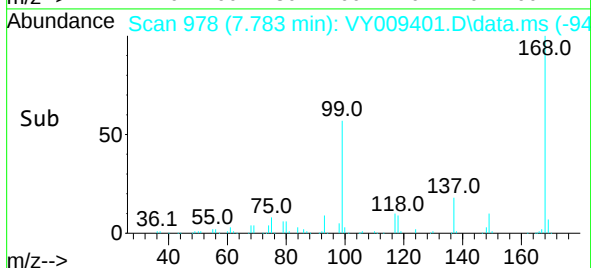
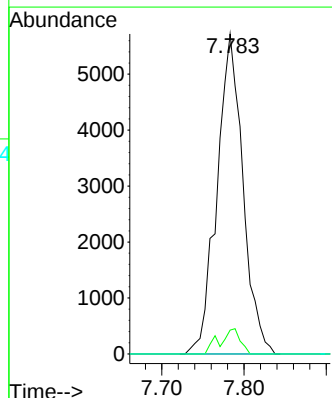
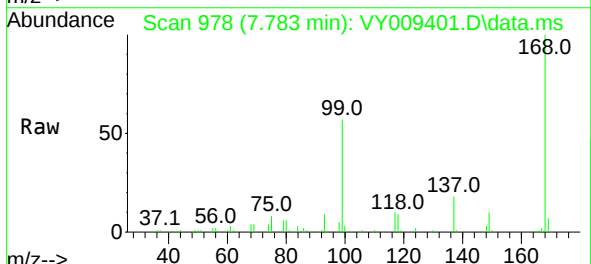
Instrument :
MSVOA_Y
ClientSampleId :

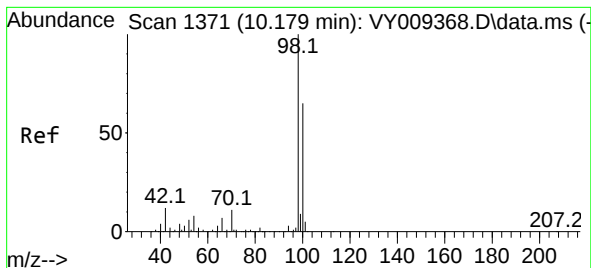
Tgt Ion: 75 Resp: 10534
Ion Ratio Lower Upper
75 100
110 10.4 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.540 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY009401.D
Acq: 30 Jun 2022 18:20

Tgt Ion: 117 Resp: 12557
Ion Ratio Lower Upper
117 100
119 7.4 77.9 116.9#
121 0.0 24.8 37.2#

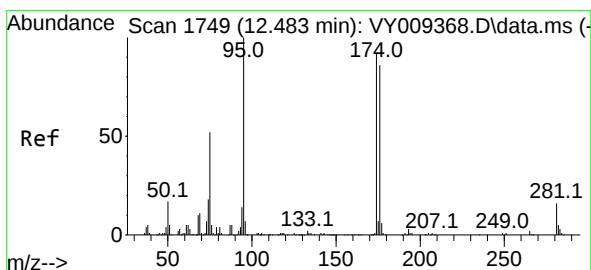
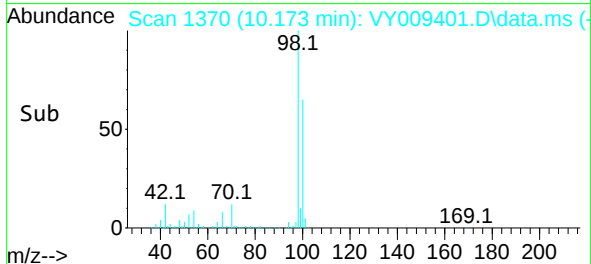
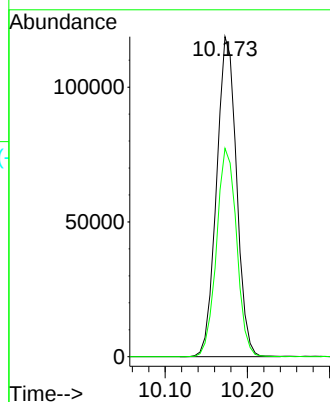
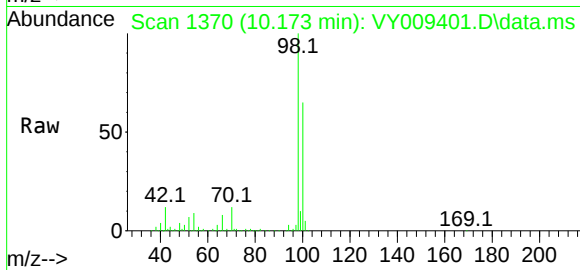




#50
Toluene-d8
Concen: 52.792 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009401.D
Acq: 30 Jun 2022 18:20

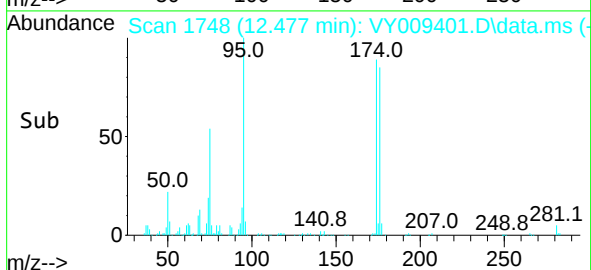
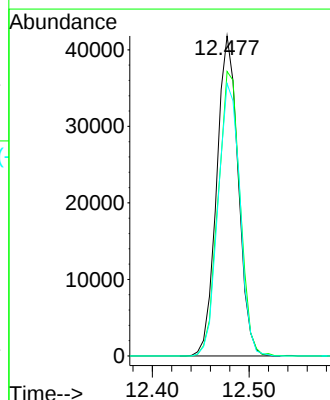
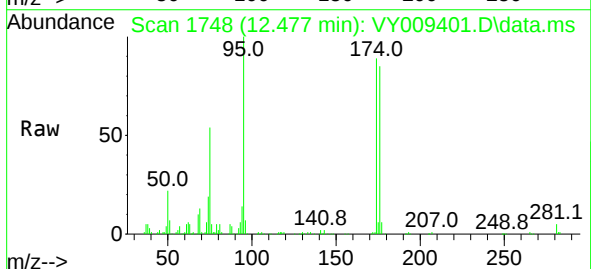
Instrument :
MSVOA_Y
ClientSampleId :

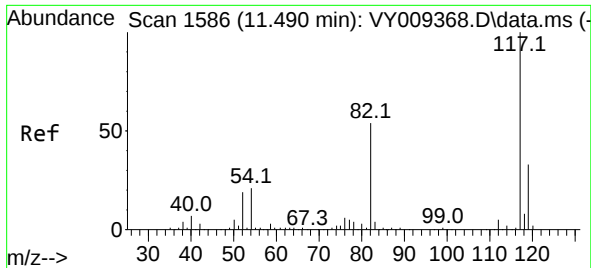
Tgt Ion: 98 Resp: 200731
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 35.796 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009401.D
Acq: 30 Jun 2022 18:20

Tgt Ion: 95 Resp: 64551
Ion Ratio Lower Upper
95 100
174 90.5 0.0 177.0
176 86.3 0.0 175.8

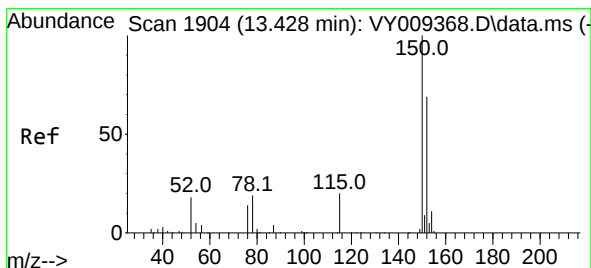
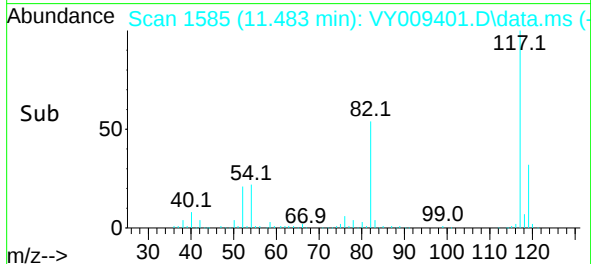
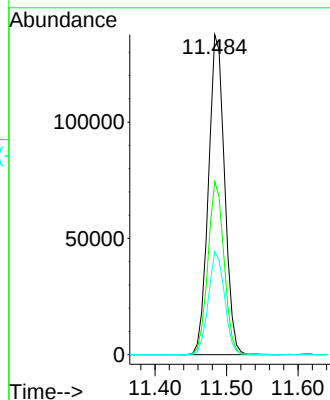
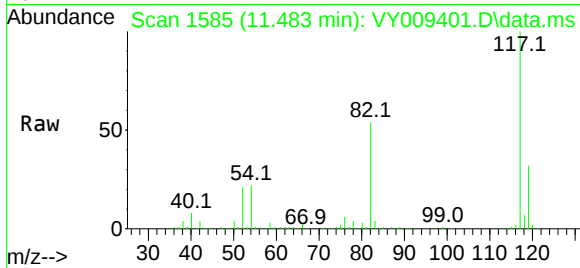




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY009401.D
Acq: 30 Jun 2022 18:20

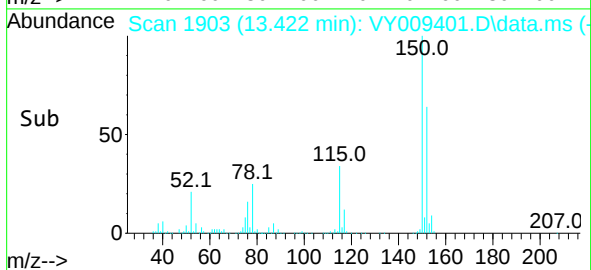
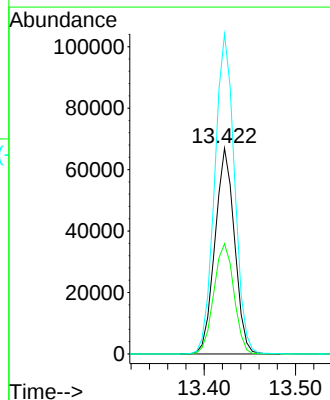
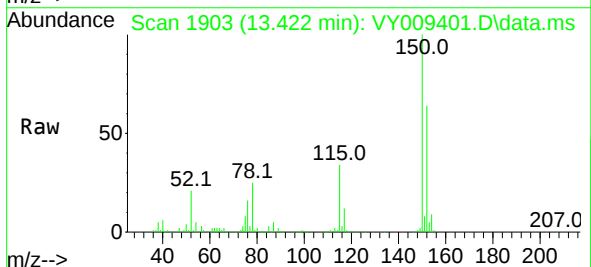
Instrument :
MSVOA_Y
ClientSampleId :

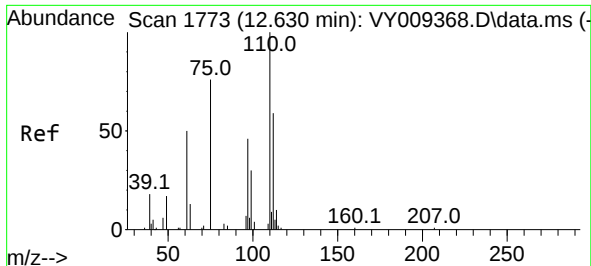
Tgt Ion:117 Resp: 215712
Ion Ratio Lower Upper
117 100
82 54.0 43.0 64.4
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009401.D
Acq: 30 Jun 2022 18:20

Tgt Ion:152 Resp: 99504
Ion Ratio Lower Upper
152 100
115 55.1 28.2 84.7
150 157.8 0.0 347.6

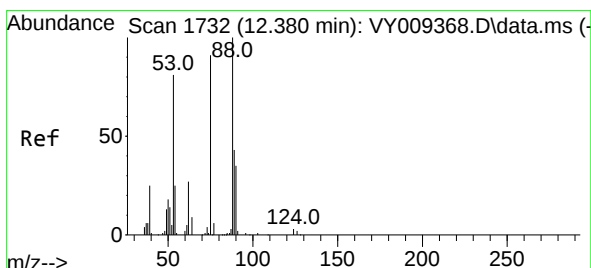
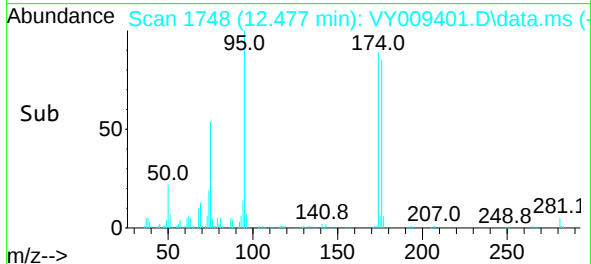
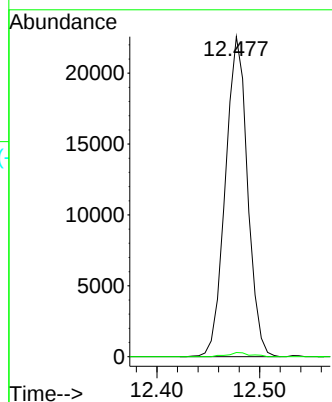
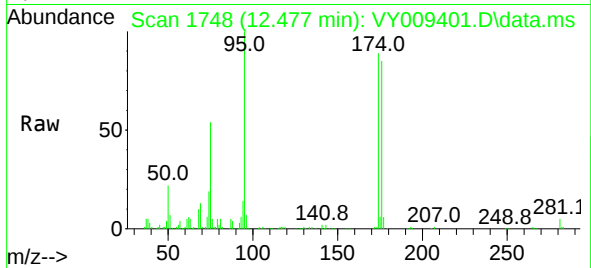




#76
1,2,3-Trichloropropane
Concen: 29.024 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009401.D
Acq: 30 Jun 2022 18:20

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 33821
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.622 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY009401.D
Acq: 30 Jun 2022 18:20

Tgt Ion: 75 Resp: 33821
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

