

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063022\
 Data File : VY009400.D
 Acq On : 30 Jun 2022 17:56
 Operator : KP/MD
 Sample : N3488-11
 Misc : 4.77g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 01 03:48:22 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)

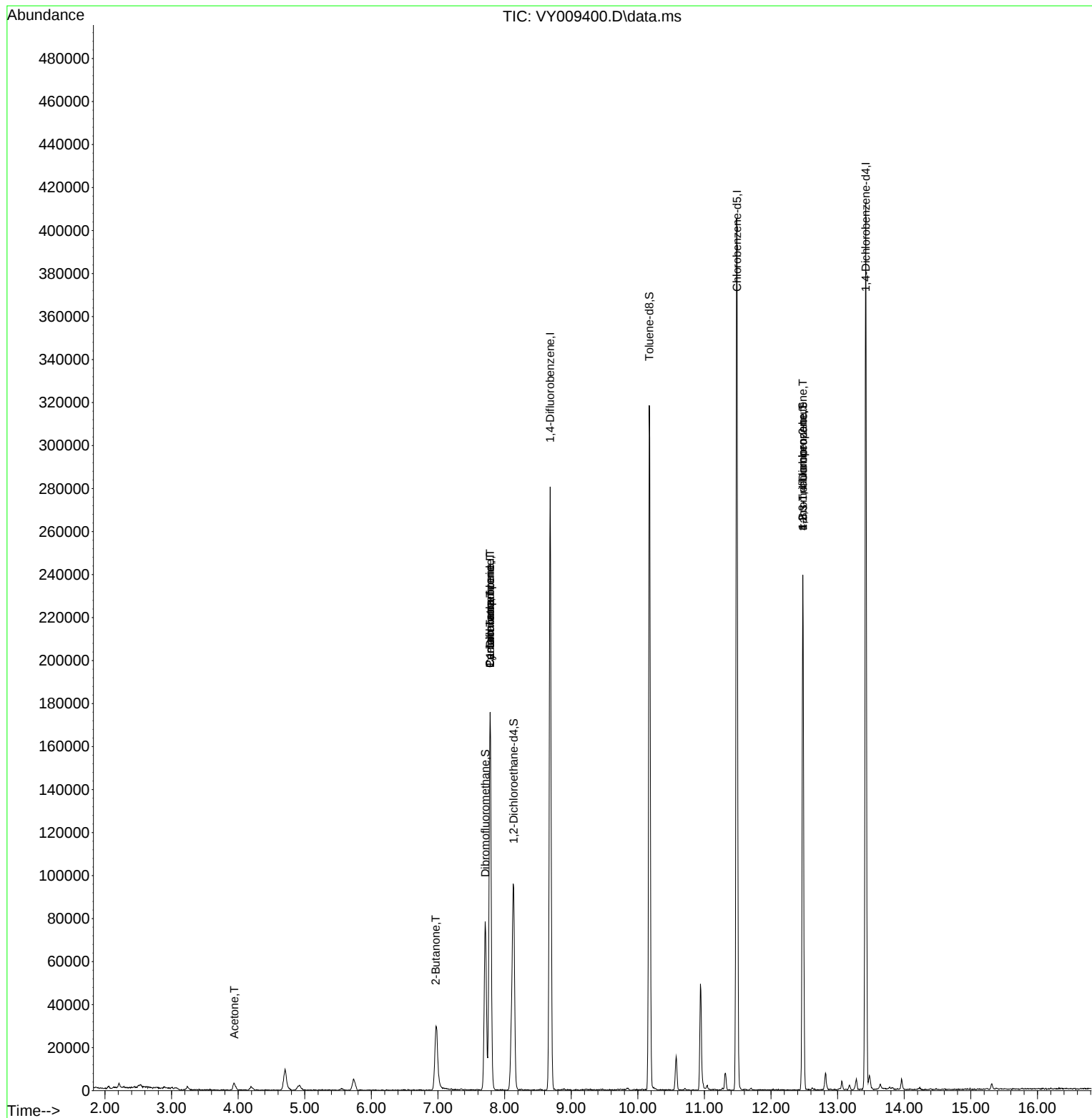
Internal Standards						
1) Pentafluorobenzene	7.783	168	138357	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	228212	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	219082	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	100252	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	61573	55.562	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.120%	
35) Dibromofluoromethane	7.709	113	52555	41.842	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 83.680%	
50) Toluene-d8	10.172	98	201589	52.348	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.700%	
62) 4-Bromofluorobenzene	12.477	95	63864	34.967	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 69.940%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.923	59	2476	Below Cal	#	77
16) Acetone	3.942	43	5433	14.928	ug/l	99
18) Methyl Acetate	4.381	43	44	Below Cal	#	56
20) Methylene Chloride	4.698	84	6287	Below Cal	#	75
25) 2-Butanone	6.966	43	2363	4.095	ug/l	95
31) Cyclohexane	7.783	56	3074	1.233	ug/l #	2
36) 1,1-Dichloropropene	7.783	75	11021	5.018	ug/l #	52
38) Carbon Tetrachloride	7.783	117	13158	5.732	ug/l #	18
76) 1,2,3-Trichloropropane	12.477	75	35041	29.847	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	35041	66.453	ug/l #	7

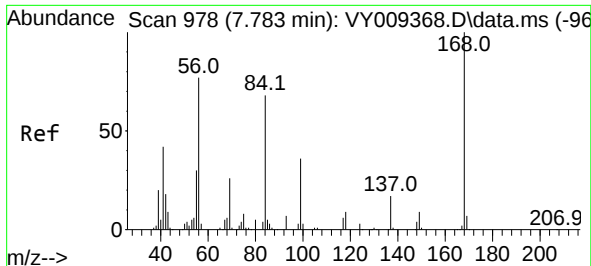
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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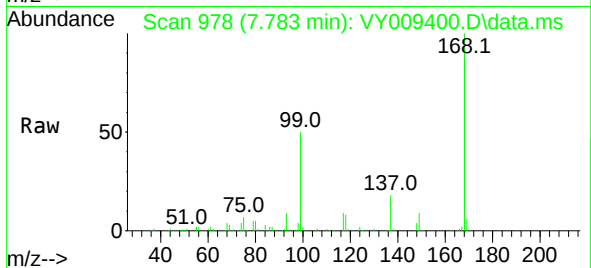
Quant Time: Jul 01 03:48:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 29 17:35:34 2022
Response via : Initial Calibration



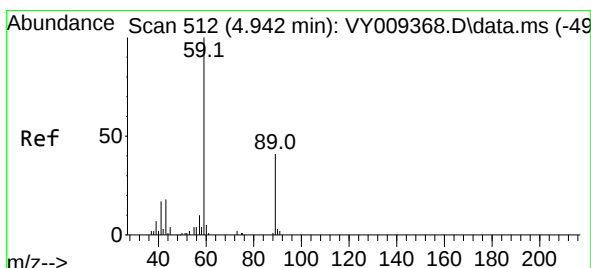
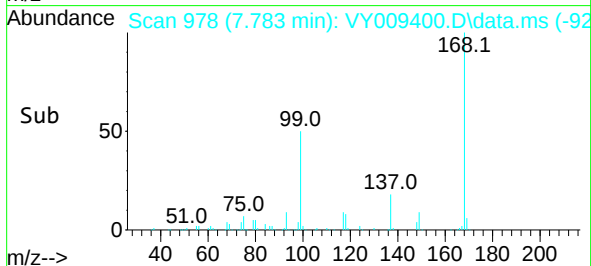
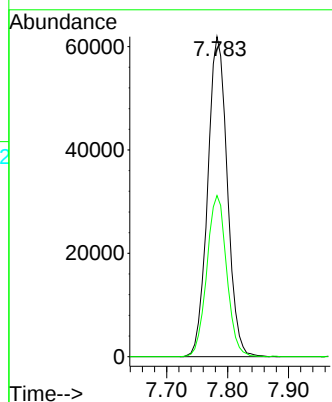


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009400.D
Acq: 30 Jun 2022 17:56

Instrument :
MSVOA_Y
ClientSampleId :

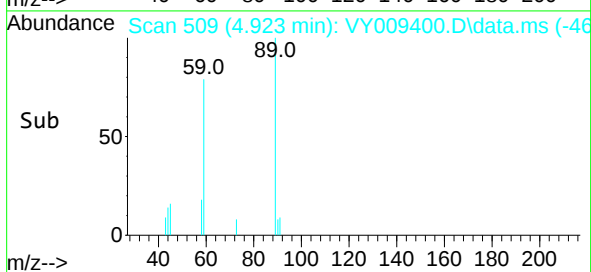
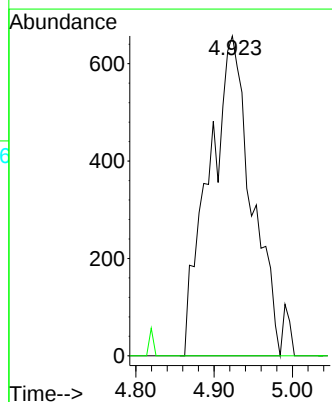
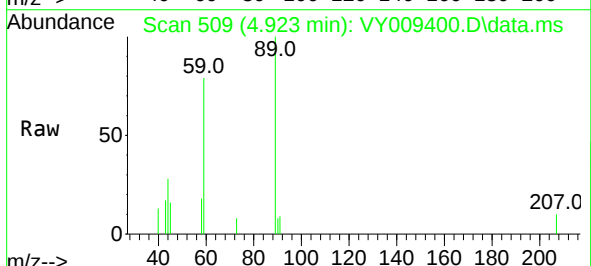


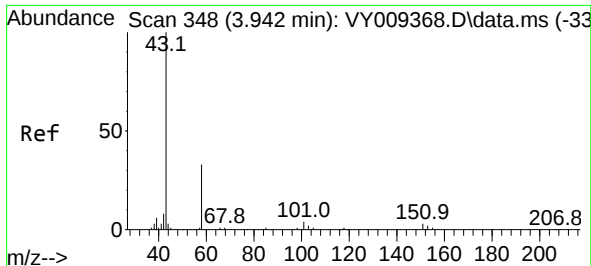
Tgt Ion:168 Resp: 138357
Ion Ratio Lower Upper
168 100
99 50.3 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.923 min Scan# 509
Delta R.T. -0.019 min
Lab File: VY009400.D
Acq: 30 Jun 2022 17:56

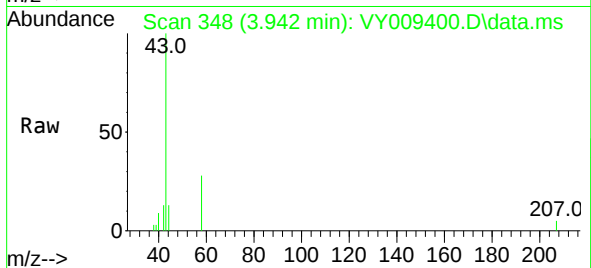
Tgt Ion: 59 Resp: 2476
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



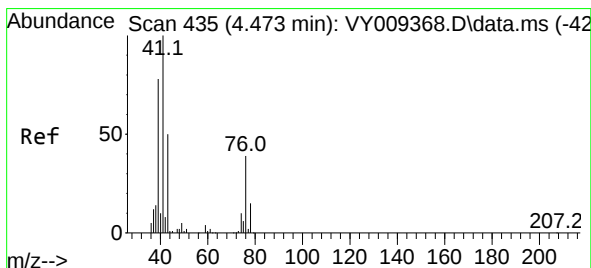
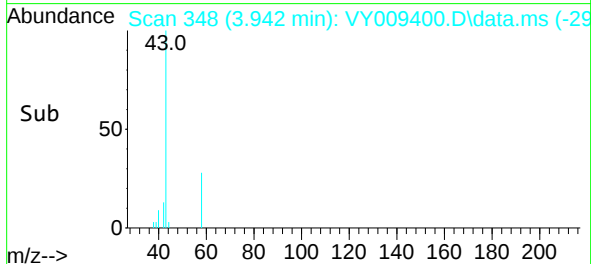
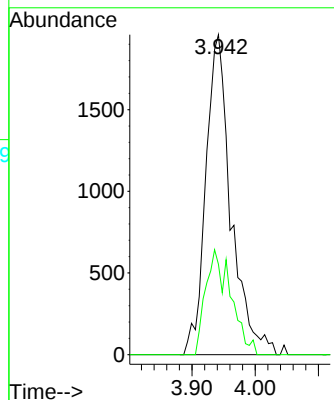


#16
Acetone
Concen: 14.928 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY009400.D
Acq: 30 Jun 2022 17:56

Instrument :
MSVOA_Y
ClientSampleId :

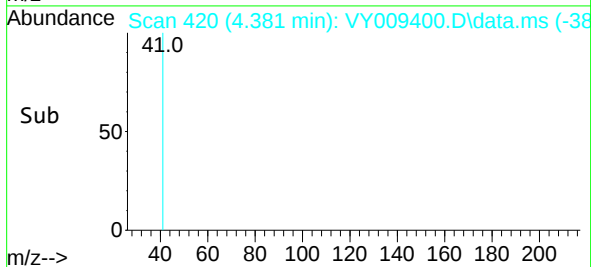
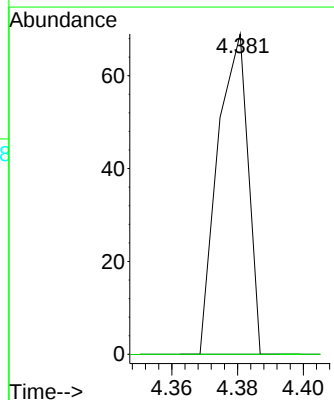
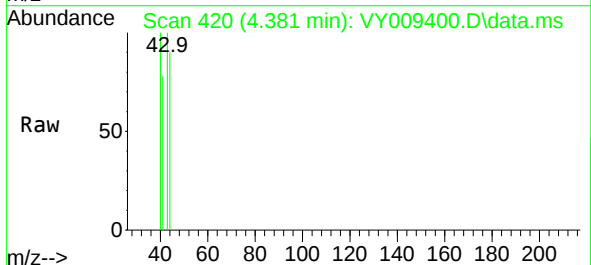


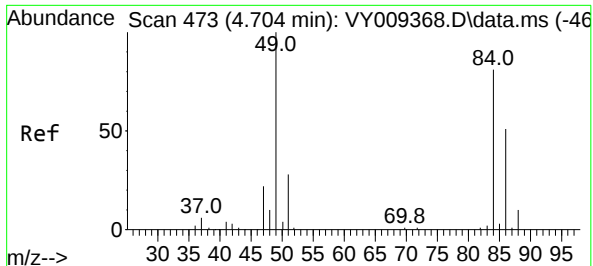
Tgt Ion: 43 Resp: 5433
Ion Ratio Lower Upper
43 100
58 28.2 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.381 min Scan# 420
Delta R.T. -0.092 min
Lab File: VY009400.D
Acq: 30 Jun 2022 17:56

Tgt Ion: 43 Resp: 44
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.698 min Scan# 41

Delta R.T. -0.012 min

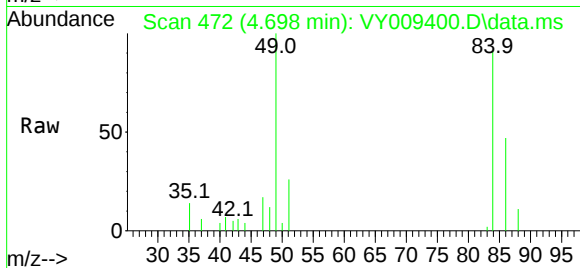
Lab File: VY009400.D

Acq: 30 Jun 2022 17:56

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 6287

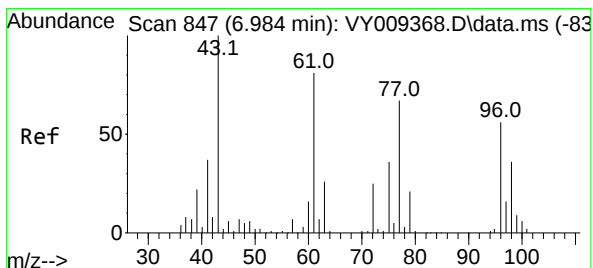
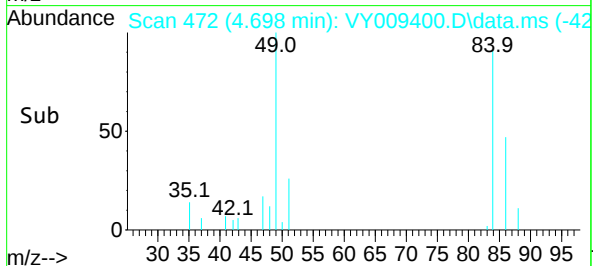
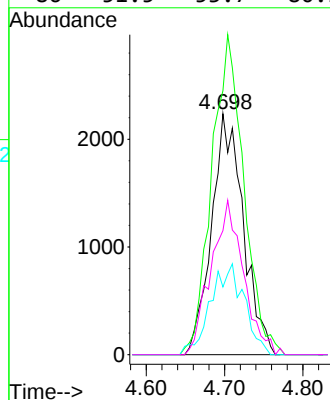
Ion Ratio Lower Upper

84 100

49 109.5 114.4 171.6#

51 28.1 35.3 52.9#

86 51.5 53.7 80.5#



#25

2-Butanone

Concen: 4.095 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.012 min

Lab File: VY009400.D

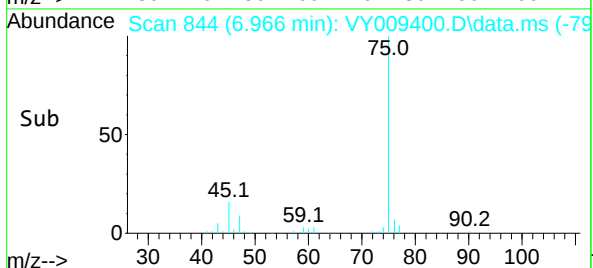
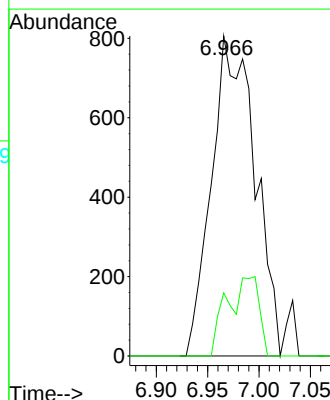
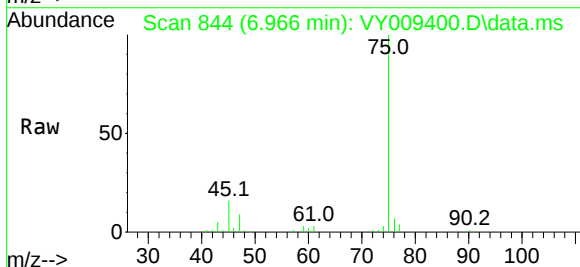
Acq: 30 Jun 2022 17:56

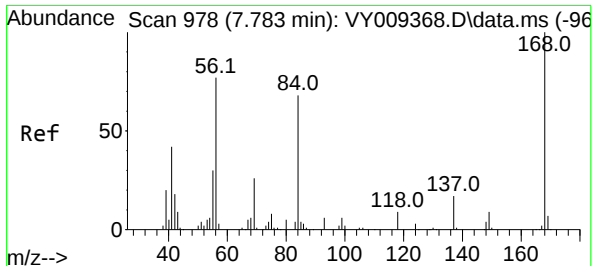
Tgt Ion: 43 Resp: 2363

Ion Ratio Lower Upper

43 100

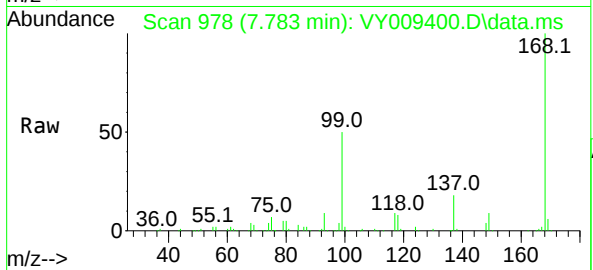
72 19.7 17.7 26.5



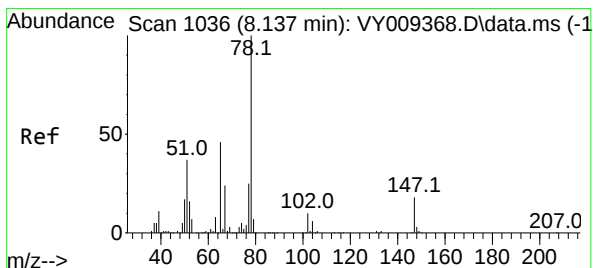
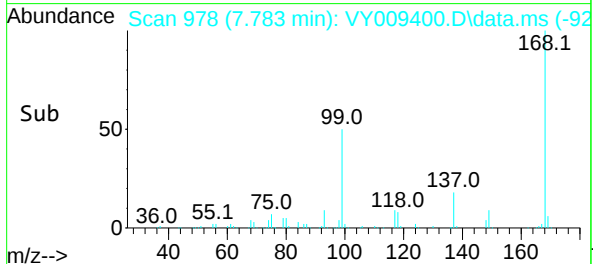
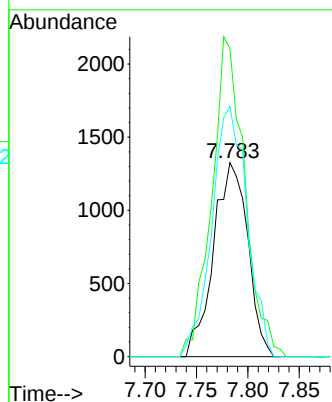


#31
Cyclohexane
Concen: 1.233 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009400.D
Acq: 30 Jun 2022 17:56

Instrument :
MSVOA_Y
ClientSampleId :

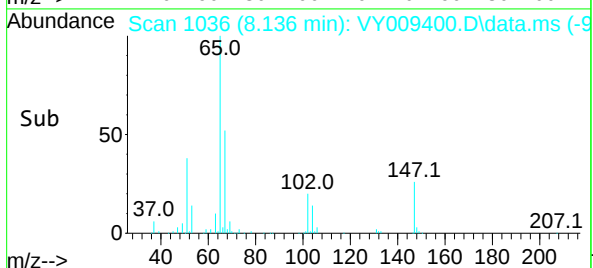
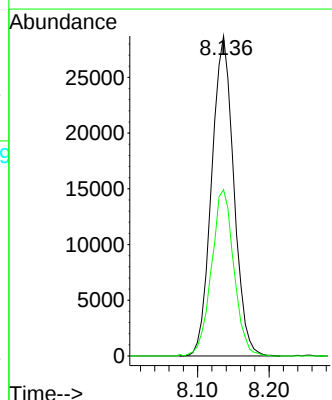
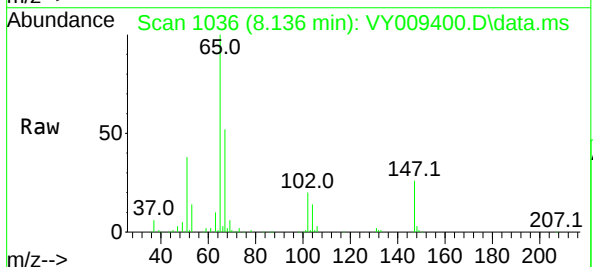


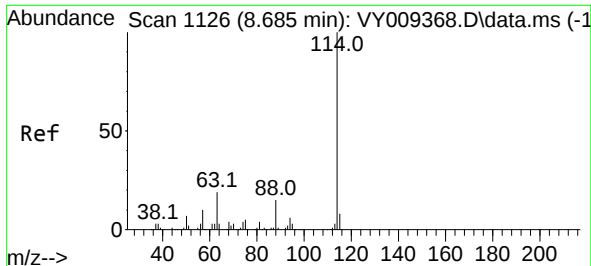
Tgt Ion: 56 Resp: 3074
Ion Ratio Lower Upper
56 100
69 158.9 26.7 40.1#
84 129.0 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 55.562 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009400.D
Acq: 30 Jun 2022 17:56

Tgt Ion: 65 Resp: 61573
Ion Ratio Lower Upper
65 100
67 52.7 0.0 99.4

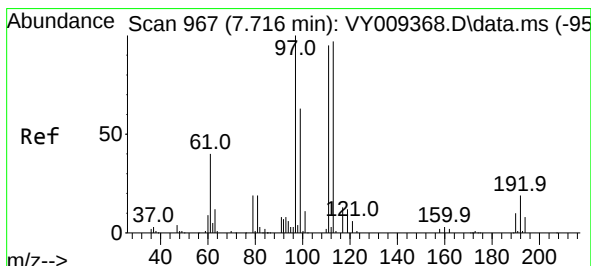
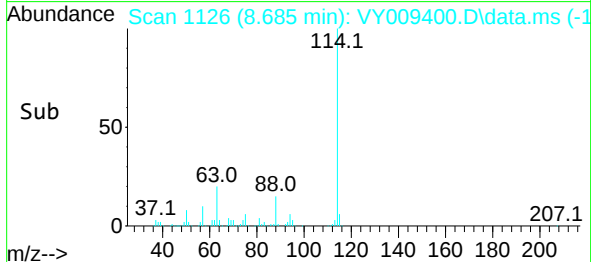
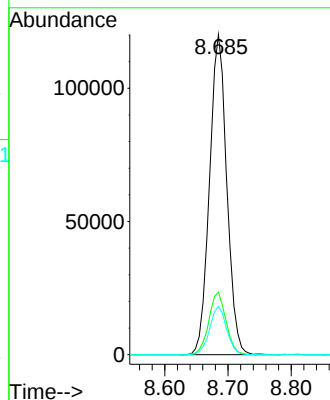
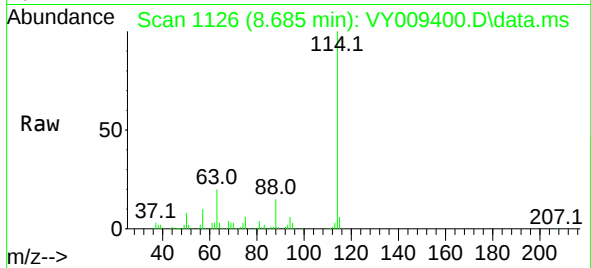




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY009400.D
Acq: 30 Jun 2022 17:56

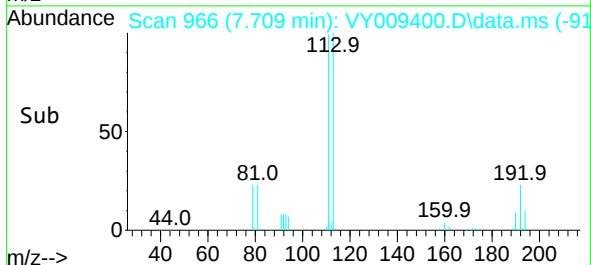
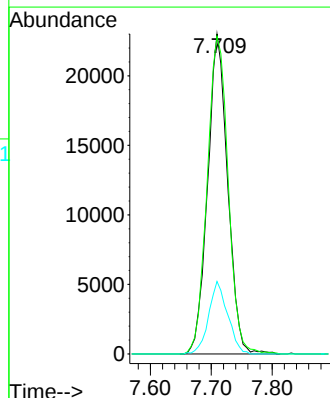
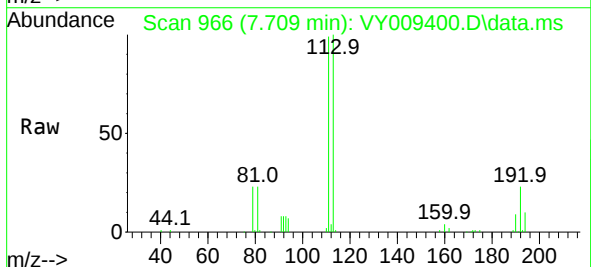
Instrument :
MSVOA_Y
ClientSampleId :

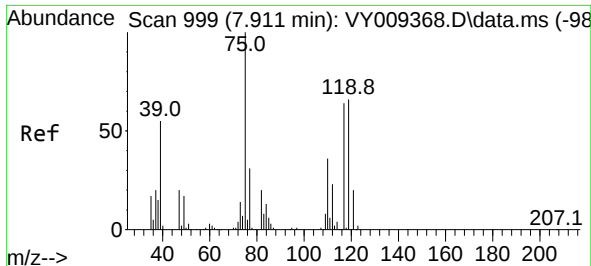
Tgt Ion:114 Resp: 228212
Ion Ratio Lower Upper
114 100
63 19.6 0.0 43.2
88 15.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 41.842 ug/l
RT: 7.709 min Scan# 966
Delta R.T. -0.001 min
Lab File: VY009400.D
Acq: 30 Jun 2022 17:56

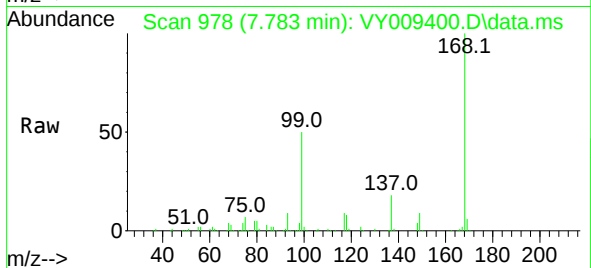
Tgt Ion:113 Resp: 52555
Ion Ratio Lower Upper
113 100
111 104.0 82.6 124.0
192 21.5 17.6 26.4



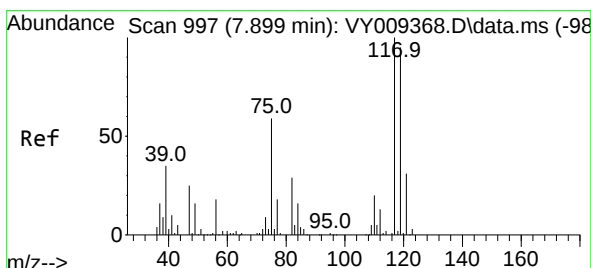
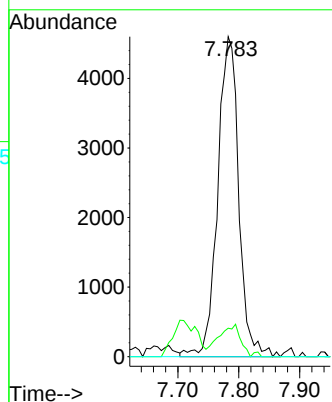
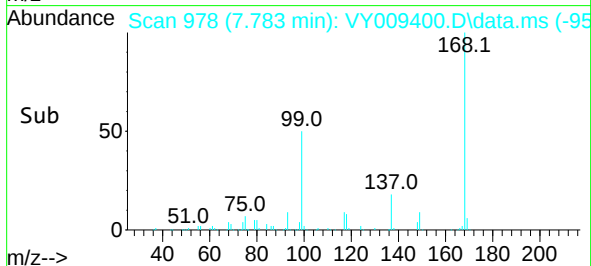


#36
1,1-Dichloropropene
Concen: 5.018 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY009400.D
Acq: 30 Jun 2022 17:56

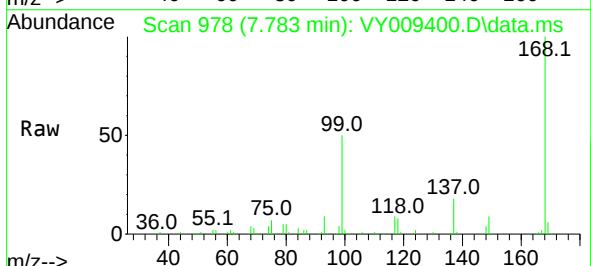
Instrument :
MSVOA_Y
ClientSampleId :



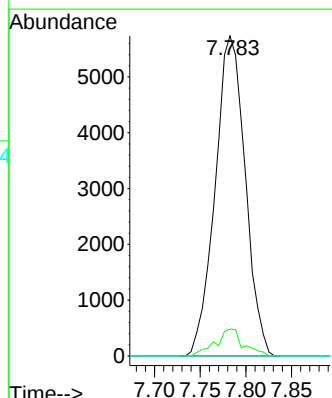
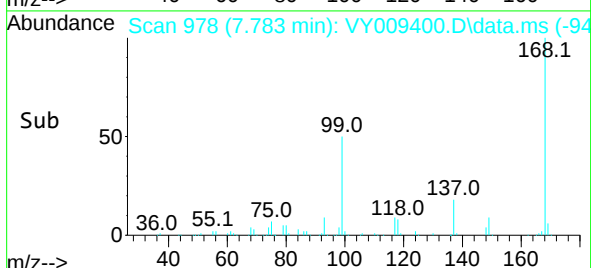
Tgt Ion: 75 Resp: 11021
Ion Ratio Lower Upper
75 100
110 10.4 17.1 51.2#
77 0.0 24.4 36.6#

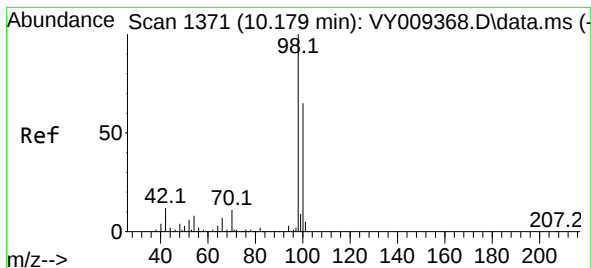


#38
Carbon Tetrachloride
Concen: 5.732 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY009400.D
Acq: 30 Jun 2022 17:56



Tgt Ion: 117 Resp: 13158
Ion Ratio Lower Upper
117 100
119 8.4 77.9 116.9#
121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 52.348 ug/l

RT: 10.172 min Scan# 1

Delta R.T. -0.007 min

Lab File: VY009400.D

Acq: 30 Jun 2022 17:56

Instrument :

MSVOA_Y

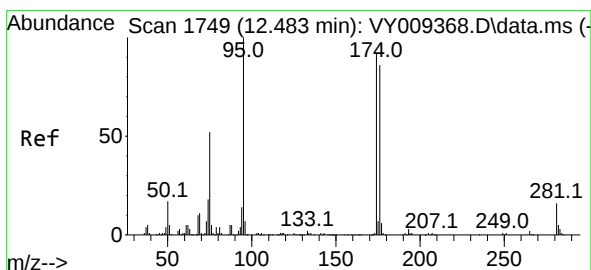
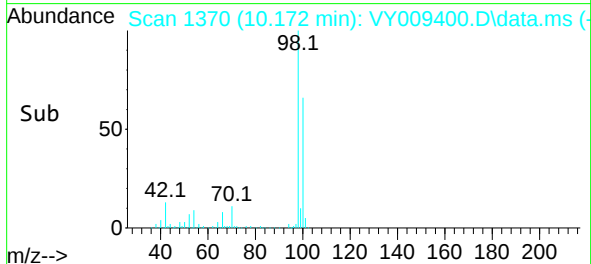
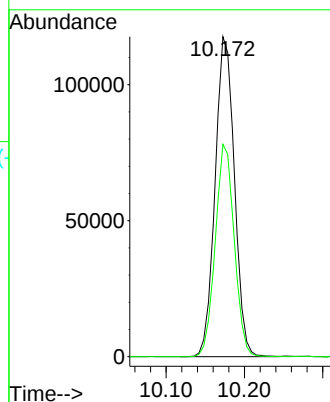
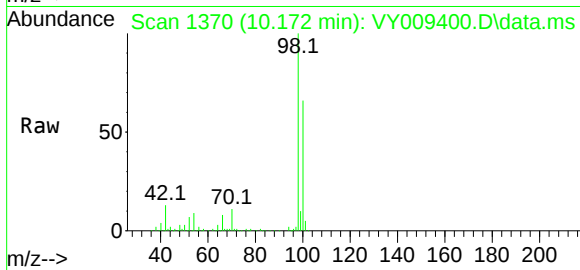
ClientSampleId :

Tgt Ion: 98 Resp: 201589

Ion Ratio Lower Upper

98 100

100 65.3 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 34.967 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY009400.D

Acq: 30 Jun 2022 17:56

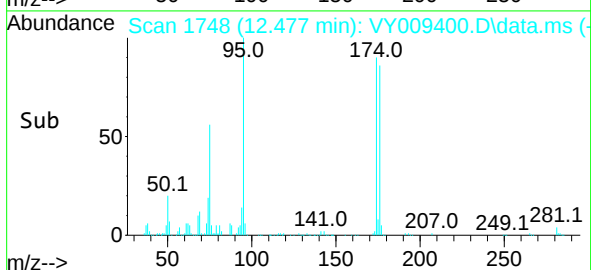
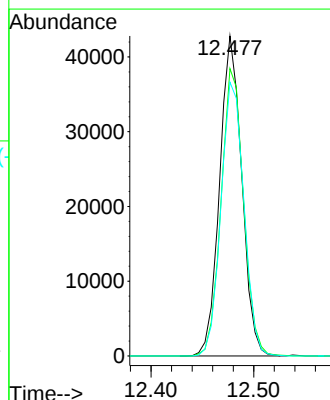
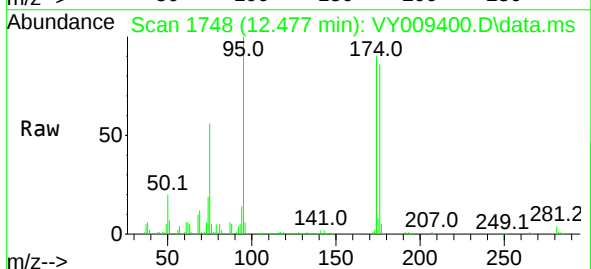
Tgt Ion: 95 Resp: 63864

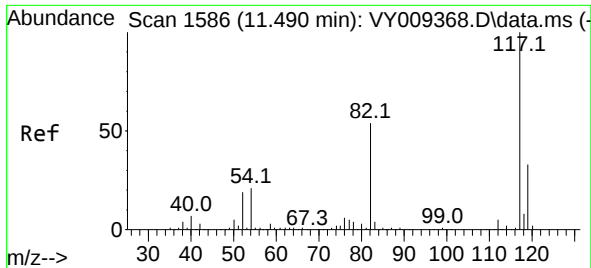
Ion Ratio Lower Upper

95 100

174 90.9 0.0 177.0

176 88.5 0.0 175.8

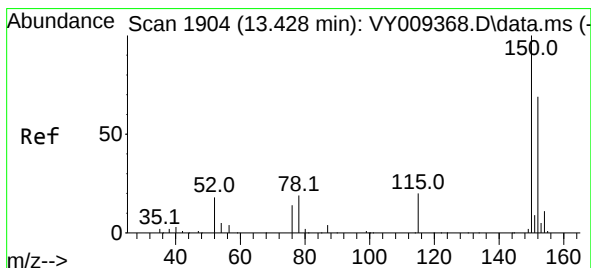
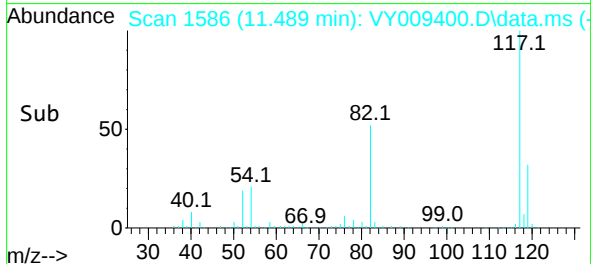
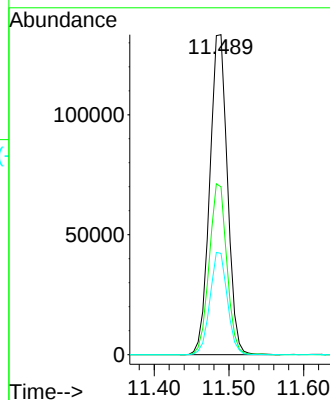
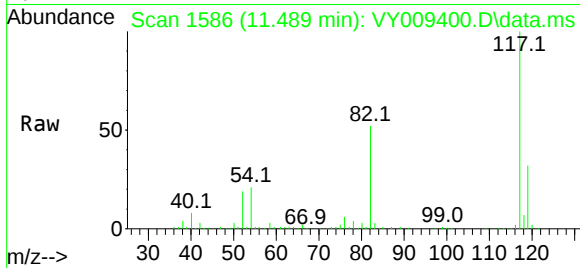




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY009400.D
Acq: 30 Jun 2022 17:56

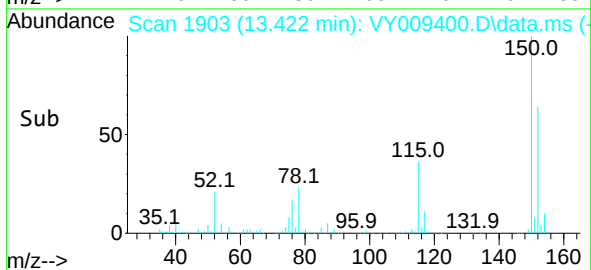
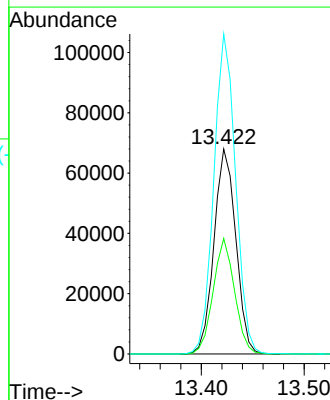
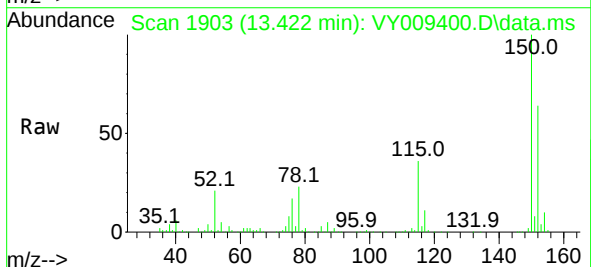
Instrument :
MSVOA_Y
ClientSampleId :

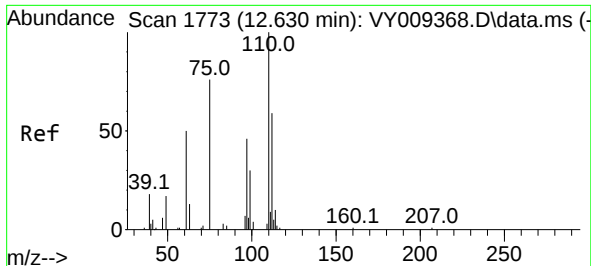
Tgt Ion:117 Resp: 219082
Ion Ratio Lower Upper
117 100
82 52.5 43.0 64.4
119 31.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009400.D
Acq: 30 Jun 2022 17:56

Tgt Ion:152 Resp: 100252
Ion Ratio Lower Upper
152 100
115 55.2 28.2 84.7
150 155.8 0.0 347.6

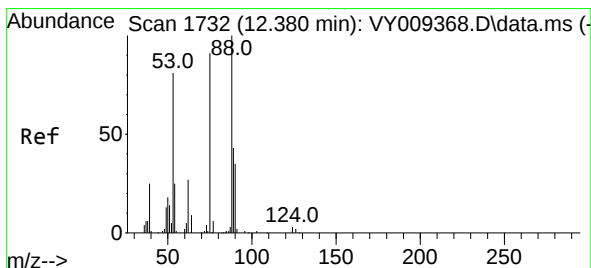
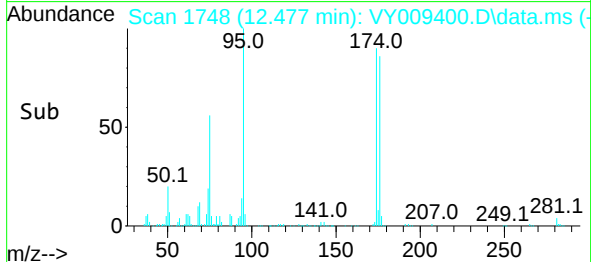
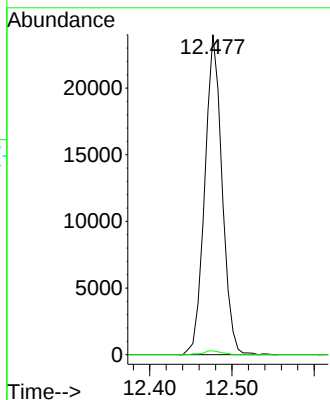
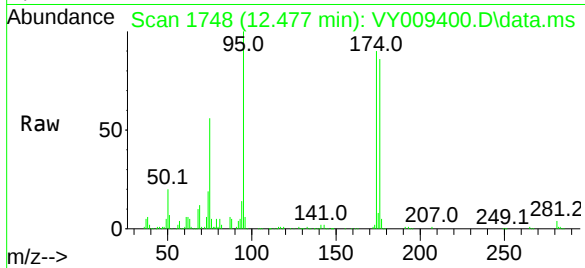




#76
1,2,3-Trichloropropane
Concen: 29.847 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009400.D
Acq: 30 Jun 2022 17:56

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 35041
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.453 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY009400.D
Acq: 30 Jun 2022 17:56

Tgt Ion: 75 Resp: 35041
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

