

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070122\
 Data File : VY009420.D
 Acq On : 01 Jul 2022 14:20
 Operator : KP/MD
 Sample : N3548-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 V-1

Quant Time: Jul 05 02:45:29 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)

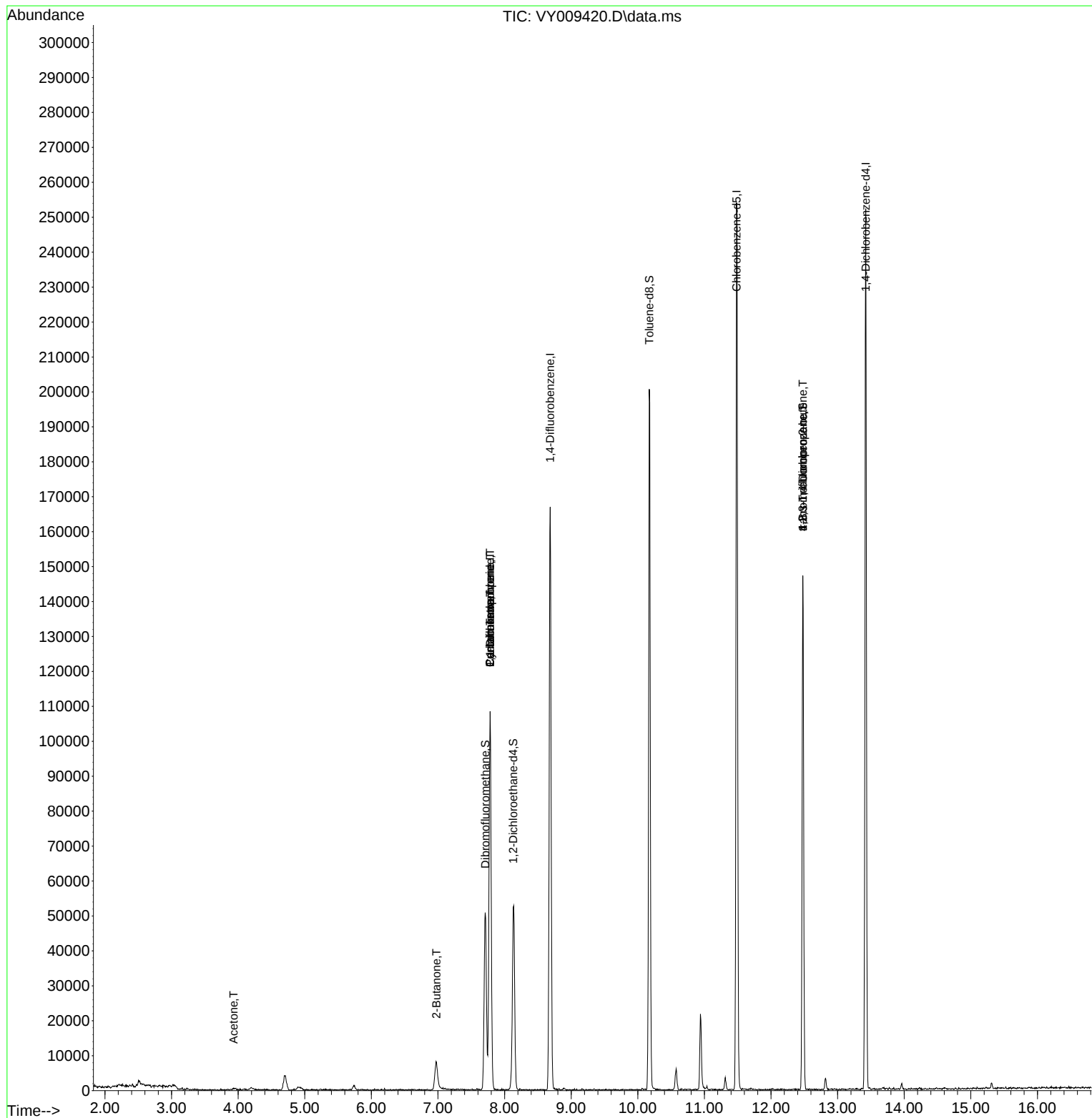
Internal Standards						
1) Pentafluorobenzene	7.783	168	84477	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	143066	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	138405	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	63122	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	40629	60.046	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.100%	
35) Dibromofluoromethane	7.710	113	34983	44.428	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 88.860%	
50) Toluene-d8	10.173	98	125575	52.016	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.040%	
62) 4-Bromofluorobenzene	12.477	95	40286	35.185	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 70.380%	
Target Compounds						
11) Tert butyl alcohol	4.942	59	390	Below Cal	#	77
16) Acetone	3.930	43	324	1.458	ug/l	91
18) Methyl Acetate	4.540	43	22	Below Cal	#	56
20) Methylene Chloride	4.704	84	2982	Below Cal	#	79
25) 2-Butanone	6.978	43	648	1.839	ug/l	# 54
31) Cyclohexane	7.783	56	1759	1.156	ug/l	# 1
36) 1,1-Dichloropropene	7.783	75	6537	4.748	ug/l	# 52
38) Carbon Tetrachloride	7.783	117	8648	6.010	ug/l	# 16
76) 1,2,3-Trichloropropane	12.477	75	21919	29.652	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	21919	66.019	ug/l	# 7

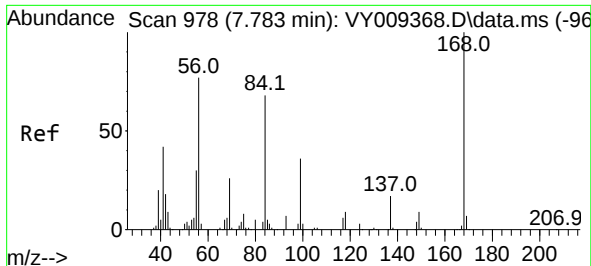
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070122\
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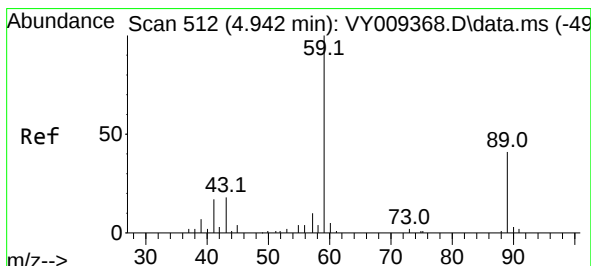
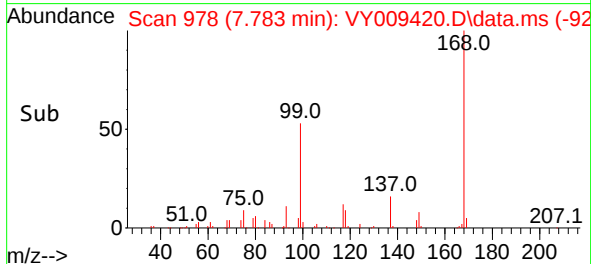
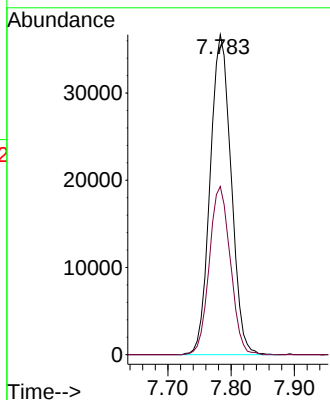
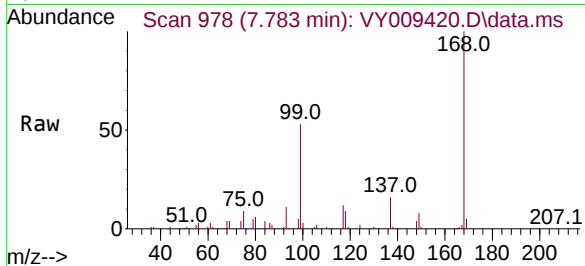




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009420.D
Acq: 01 Jul 2022 14:20

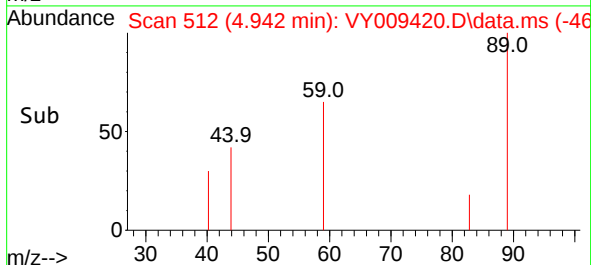
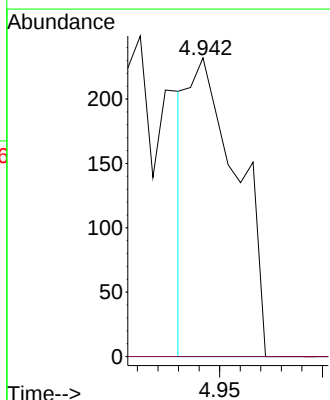
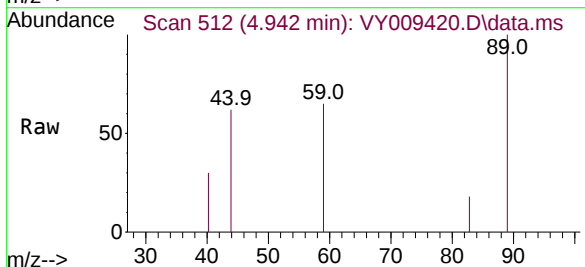
Instrument :
MSVOA_Y
ClientSampleId :
V-1

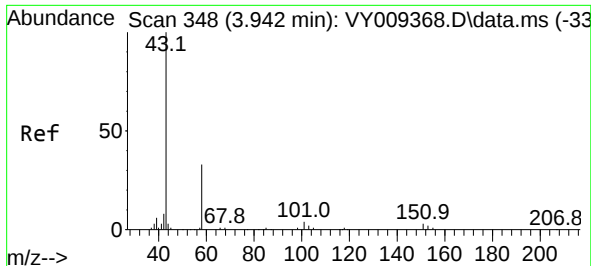
Tgt Ion:168 Resp: 84477
Ion Ratio Lower Upper
168 100
99 52.5 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.000 min
Lab File: VY009420.D
Acq: 01 Jul 2022 14:20

Tgt Ion: 59 Resp: 390
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#





#16

Acetone

Concen: 1.458 ug/l

RT: 3.930 min Scan# 34

Delta R.T. -0.012 min

Lab File: VY009420.D

Acq: 01 Jul 2022 14:20

Instrument :

MSVOA_Y

ClientSampleId :

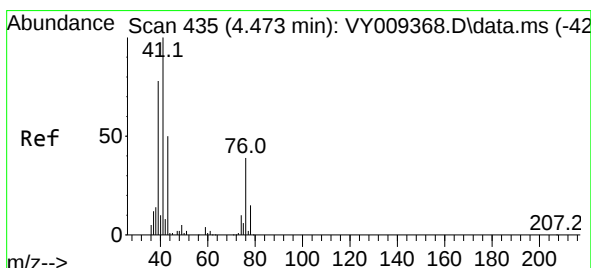
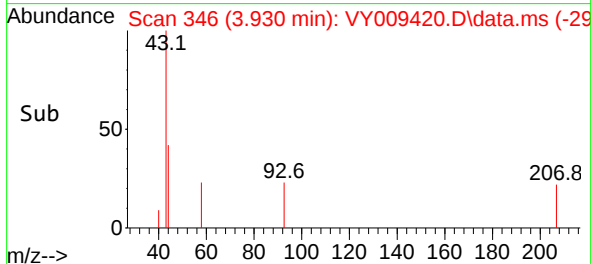
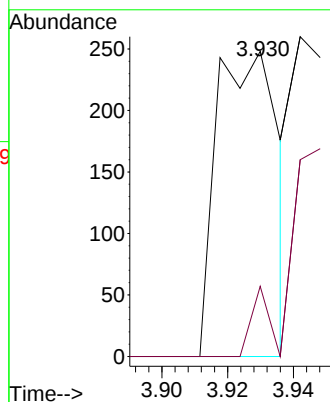
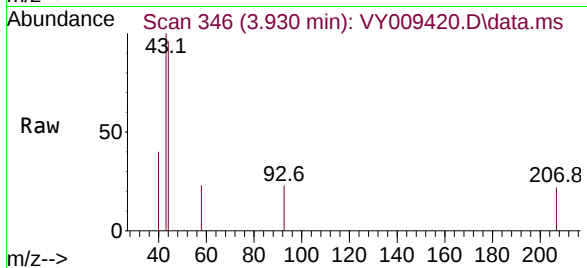
V-1

Tgt Ion: 43 Resp: 324

Ion Ratio Lower Upper

43 100

58 23.0 22.0 33.0



#18

Methyl Acetate

Concen: Below Cal

RT: 4.540 min Scan# 446

Delta R.T. 0.067 min

Lab File: VY009420.D

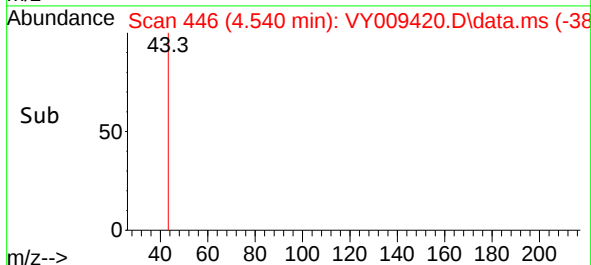
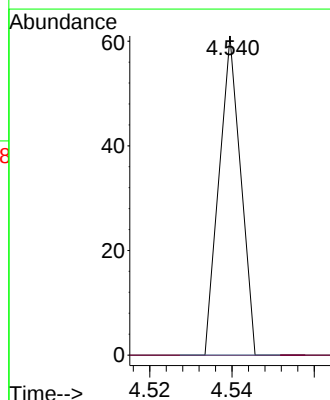
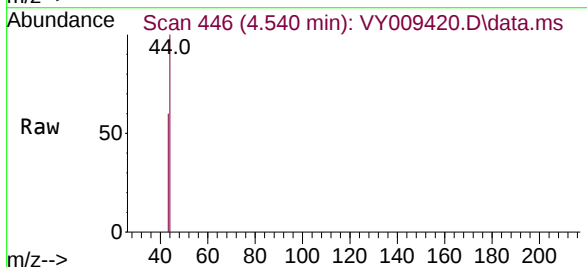
Acq: 01 Jul 2022 14:20

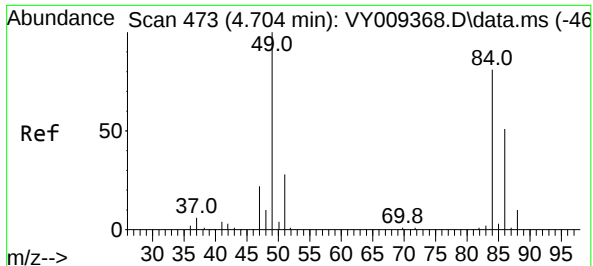
Tgt Ion: 43 Resp: 22

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#

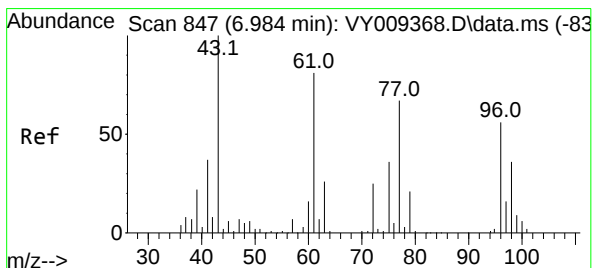
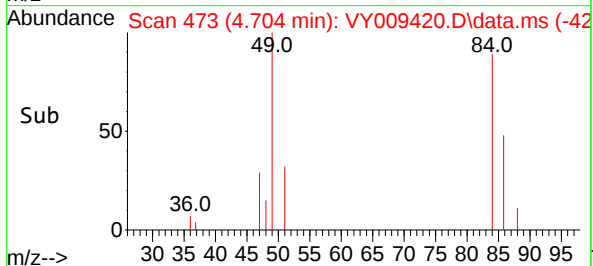
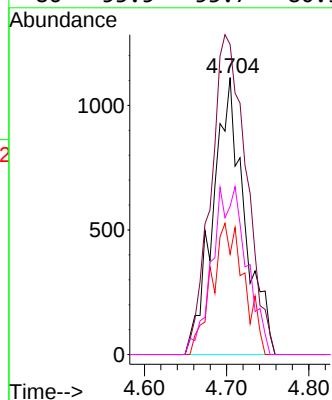
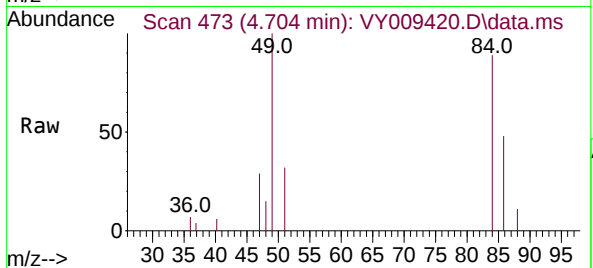




#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY009420.D
Acq: 01 Jul 2022 14:20

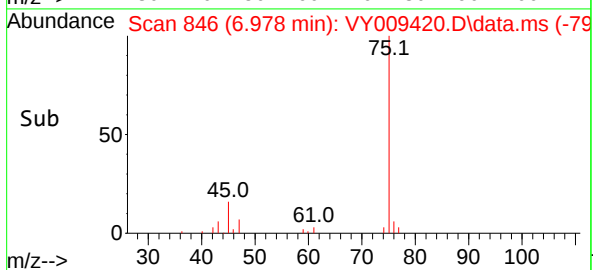
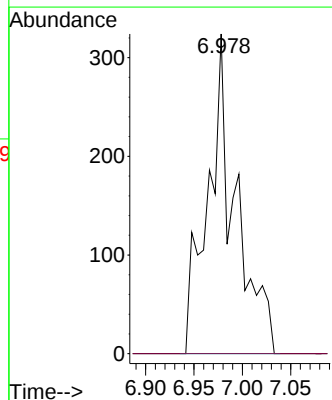
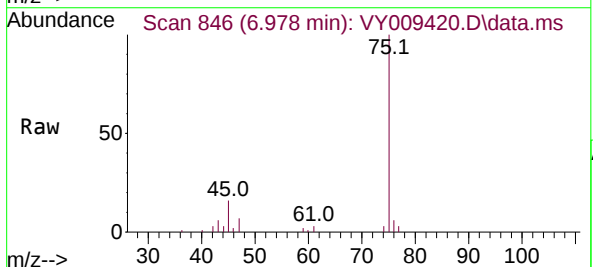
Instrument :
MSVOA_Y
ClientSampleId :
V-1

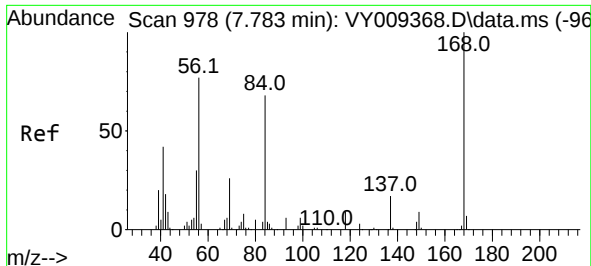
Tgt Ion: 84 Resp: 2982
Ion Ratio Lower Upper
84 100
49 112.0 114.4 171.6#
51 36.2 35.3 52.9
86 53.5 53.7 80.5#



#25
2-Butanone
Concen: 1.839 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009420.D
Acq: 01 Jul 2022 14:20

Tgt Ion: 43 Resp: 648
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#

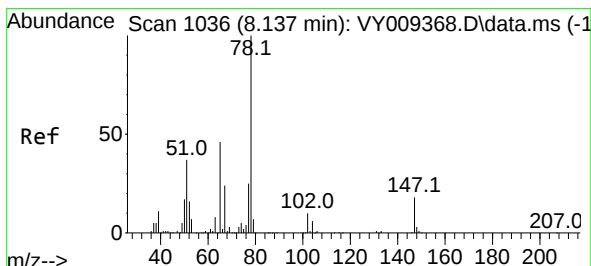
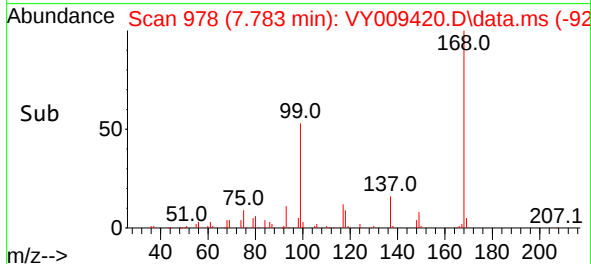
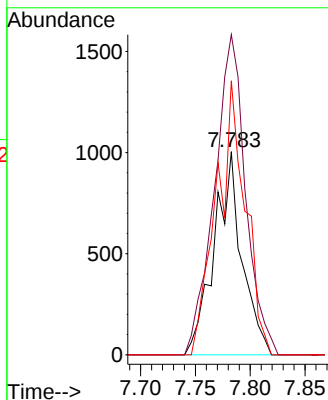
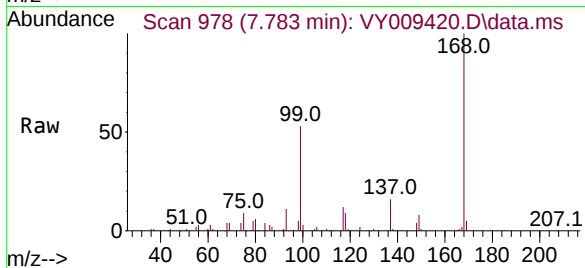




#31
Cyclohexane
Concen: 1.156 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009420.D
Acq: 01 Jul 2022 14:20

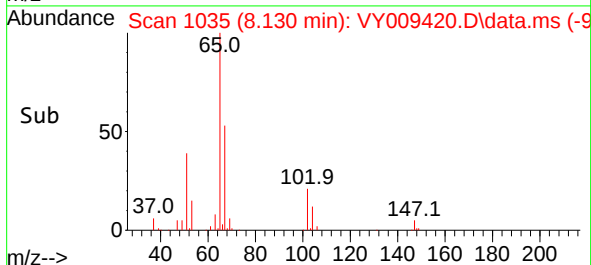
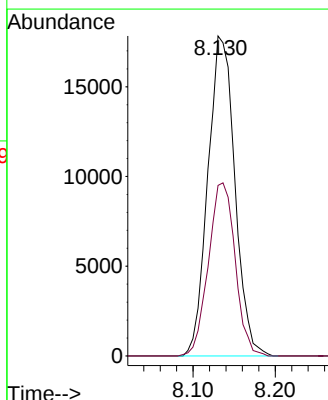
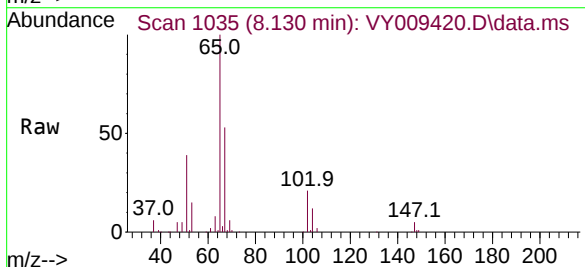
Instrument :
MSVOA_Y
ClientSampleId :
V-1

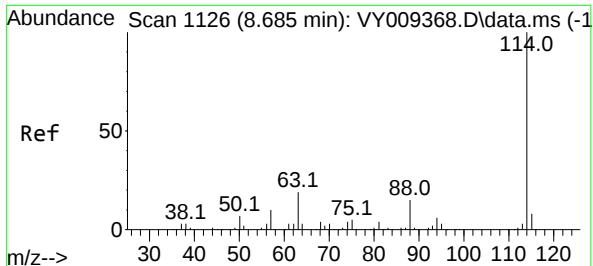
Tgt Ion: 56 Resp: 1759
Ion Ratio Lower Upper
56 100
69 157.5 26.7 40.1#
84 134.8 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 60.046 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009420.D
Acq: 01 Jul 2022 14:20

Tgt Ion: 65 Resp: 40629
Ion Ratio Lower Upper
65 100
67 53.6 0.0 99.4

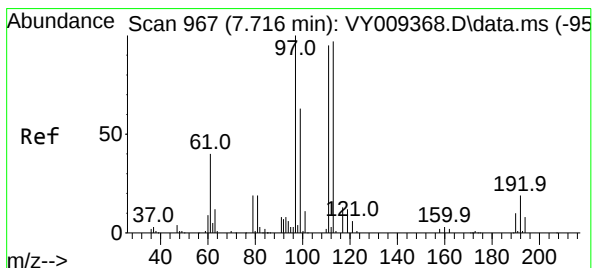
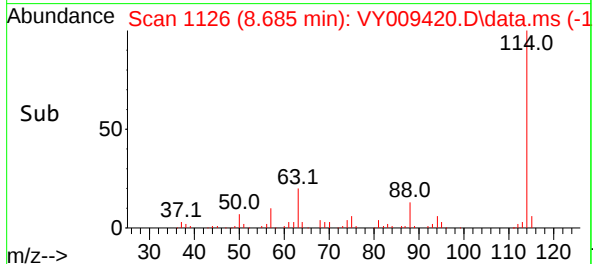
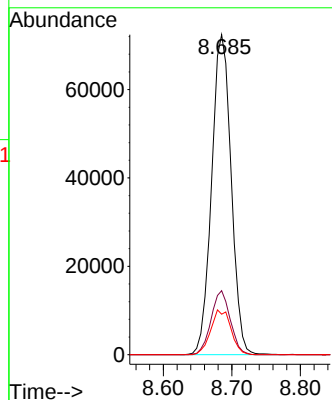
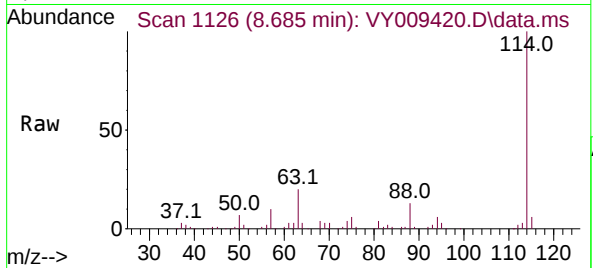




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009420.D
Acq: 01 Jul 2022 14:20

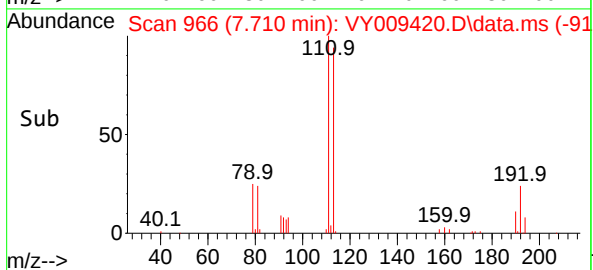
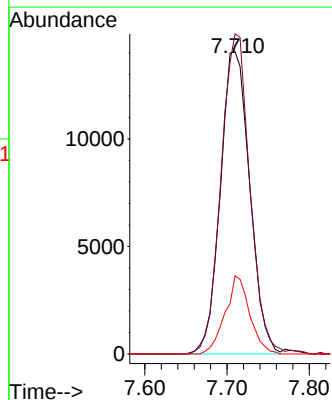
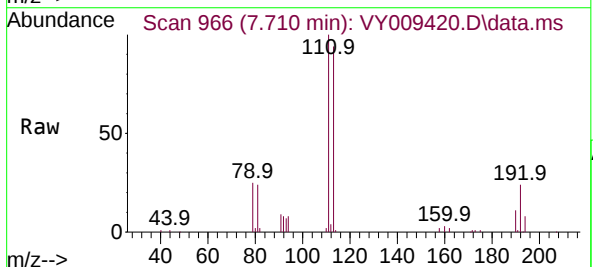
Instrument :
MSVOA_Y
ClientSampleId :
V-1

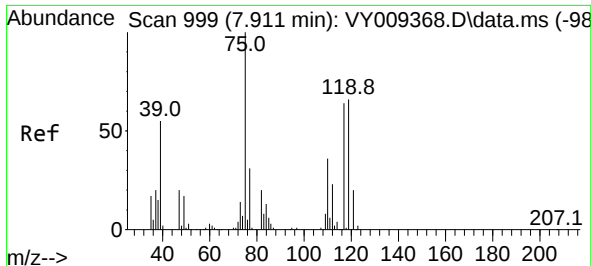
Tgt Ion:114 Resp: 143066
Ion Ratio Lower Upper
114 100
63 20.0 0.0 43.2
88 12.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 44.428 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY009420.D
Acq: 01 Jul 2022 14:20

Tgt Ion:113 Resp: 34983
Ion Ratio Lower Upper
113 100
111 103.6 82.6 124.0
192 21.5 17.6 26.4

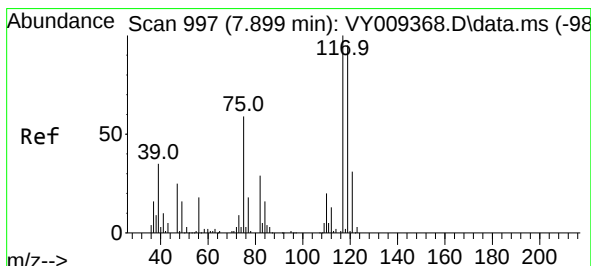
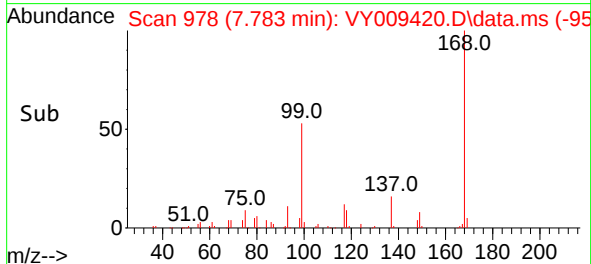
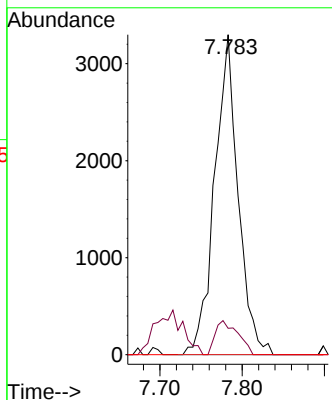
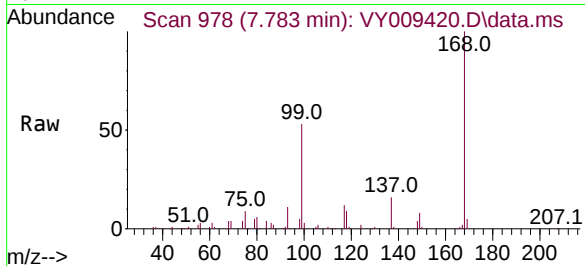




#36
 1,1-Dichloropropene
 Concen: 4.748 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY009420.D
 Acq: 01 Jul 2022 14:20

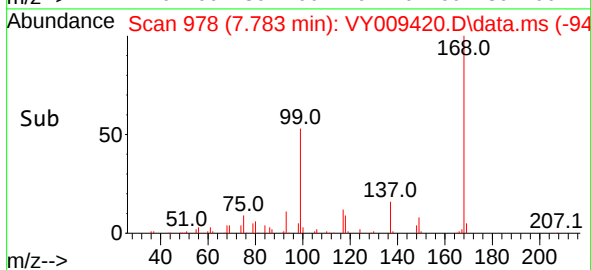
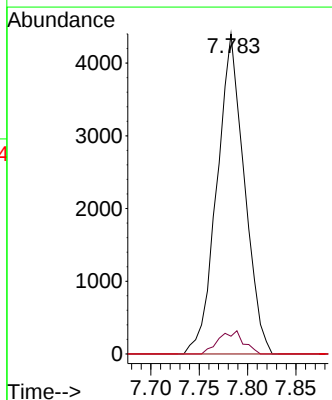
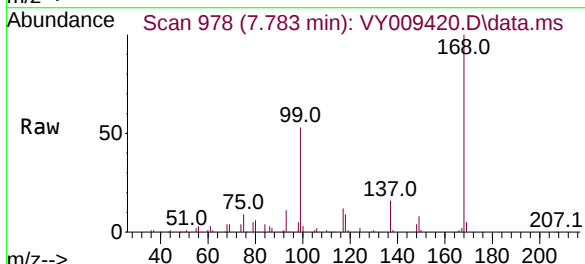
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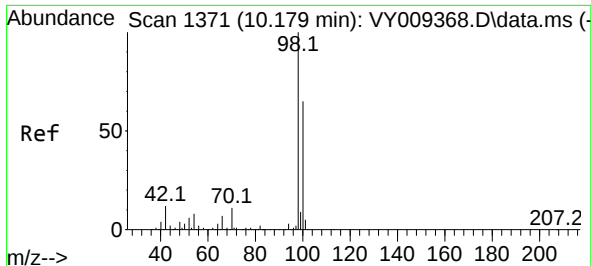
Tgt Ion: 75 Resp: 6537
 Ion Ratio Lower Upper
 75 100
 110 10.2 17.1 51.2#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 6.010 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.110 min
 Lab File: VY009420.D
 Acq: 01 Jul 2022 14:20

Tgt Ion: 117 Resp: 8648
 Ion Ratio Lower Upper
 117 100
 119 5.5 77.9 116.9#
 121 0.0 24.8 37.2#

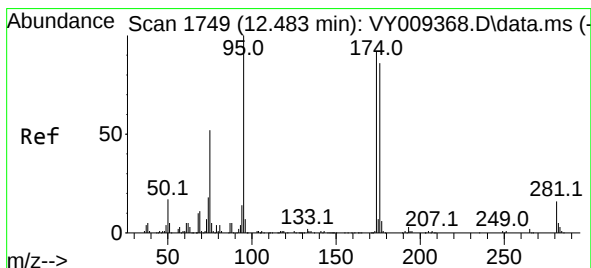
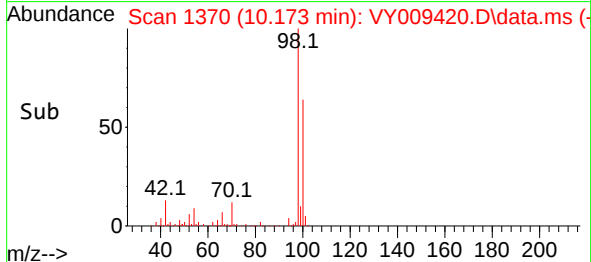
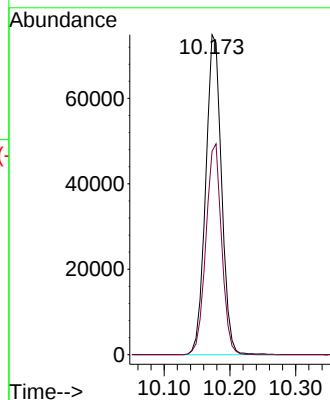
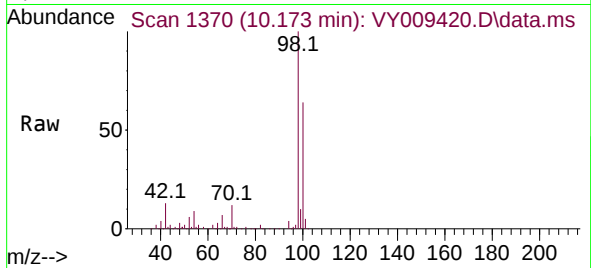




#50
Toluene-d8
Concen: 52.016 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009420.D
Acq: 01 Jul 2022 14:20

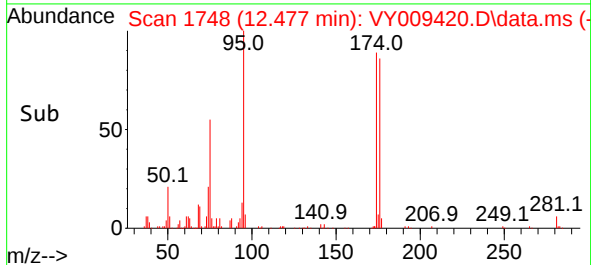
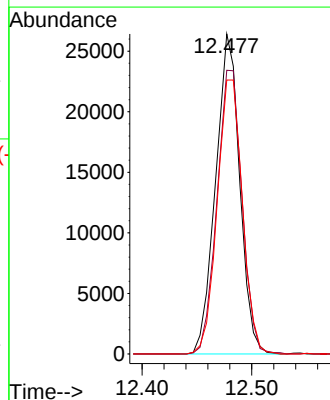
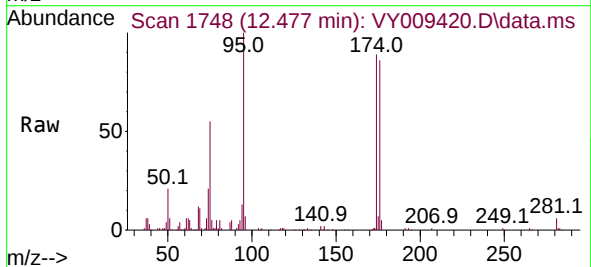
Instrument :
MSVOA_Y
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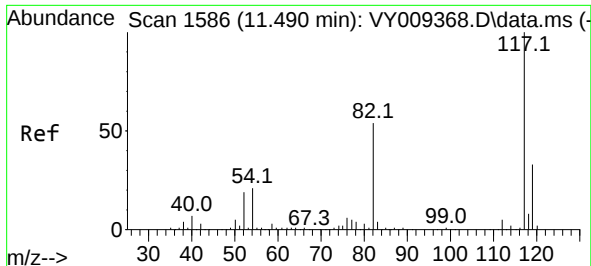
Tgt Ion: 98 Resp: 125575
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 35.185 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009420.D
Acq: 01 Jul 2022 14:20

Tgt Ion: 95 Resp: 40286
Ion Ratio Lower Upper
95 100
174 92.1 0.0 177.0
176 89.5 0.0 175.8

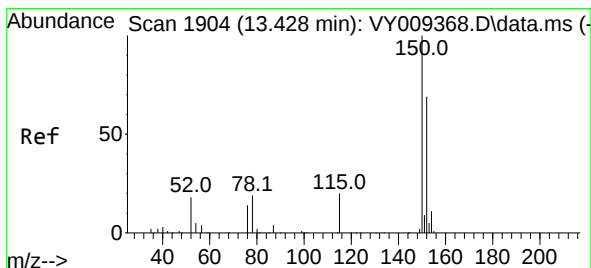
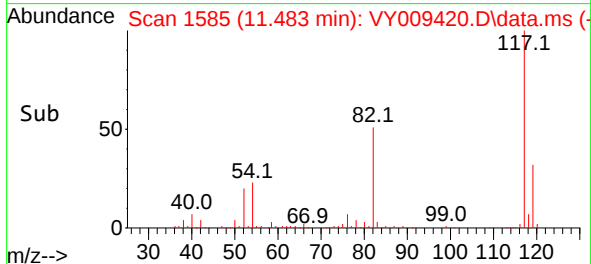
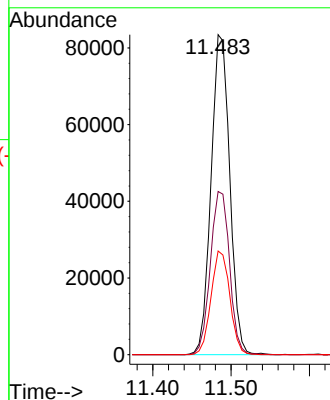
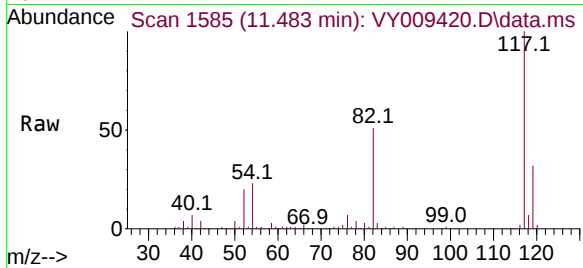




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 117
Delta R.T. -0.007 min
Lab File: VY009420.D
Acq: 01 Jul 2022 14:20

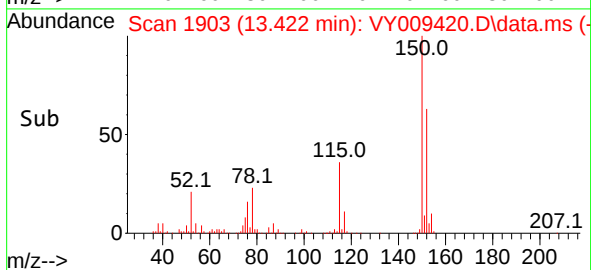
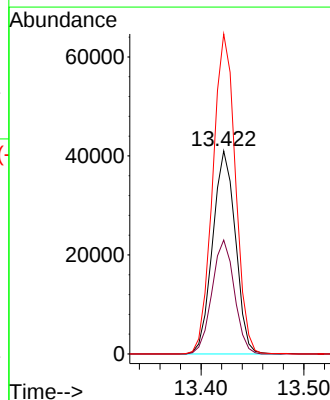
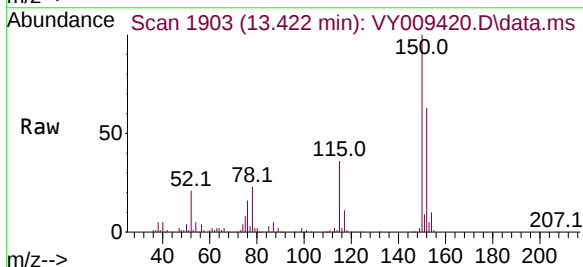
Instrument :
MSVOA_Y
ClientSampleId :
V-1

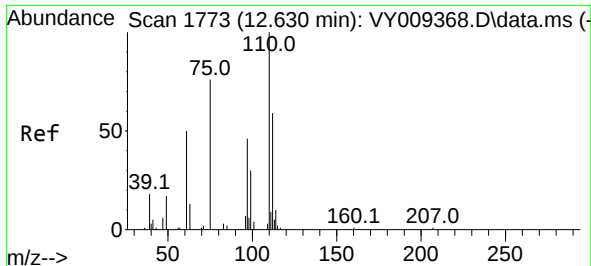
Tgt Ion:117 Resp: 138405
Ion Ratio Lower Upper
117 100
82 51.0 43.0 64.4
119 32.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009420.D
Acq: 01 Jul 2022 14:20

Tgt Ion:152 Resp: 63122
Ion Ratio Lower Upper
152 100
115 55.0 28.2 84.7
150 156.6 0.0 347.6

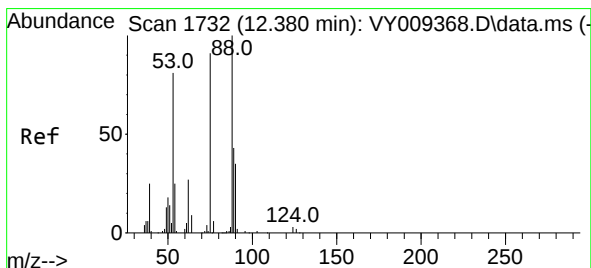
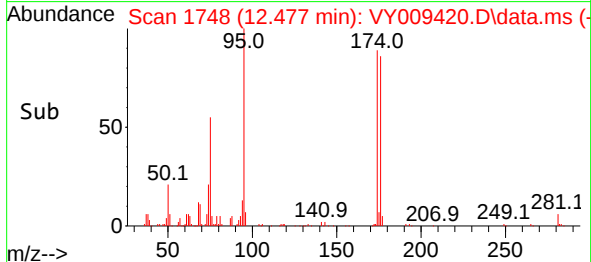
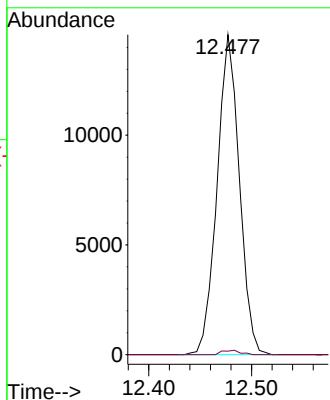
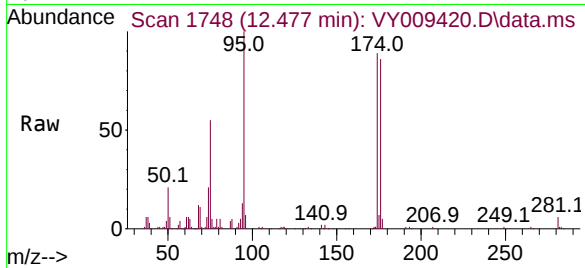




#76
1,2,3-Trichloropropane
Concen: 29.652 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009420.D
Acq: 01 Jul 2022 14:20

Instrument :
MSVOA_Y
ClientSampleId :
V-1

Tgt Ion: 75 Resp: 21919
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.019 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY009420.D
Acq: 01 Jul 2022 14:20

Tgt Ion: 75 Resp: 21919
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

