

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070122\
 Data File : VY009421.D
 Acq On : 01 Jul 2022 14:43
 Operator : KP/MD
 Sample : N3557-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-063022

Quant Time: Jul 05 02:45:44 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)

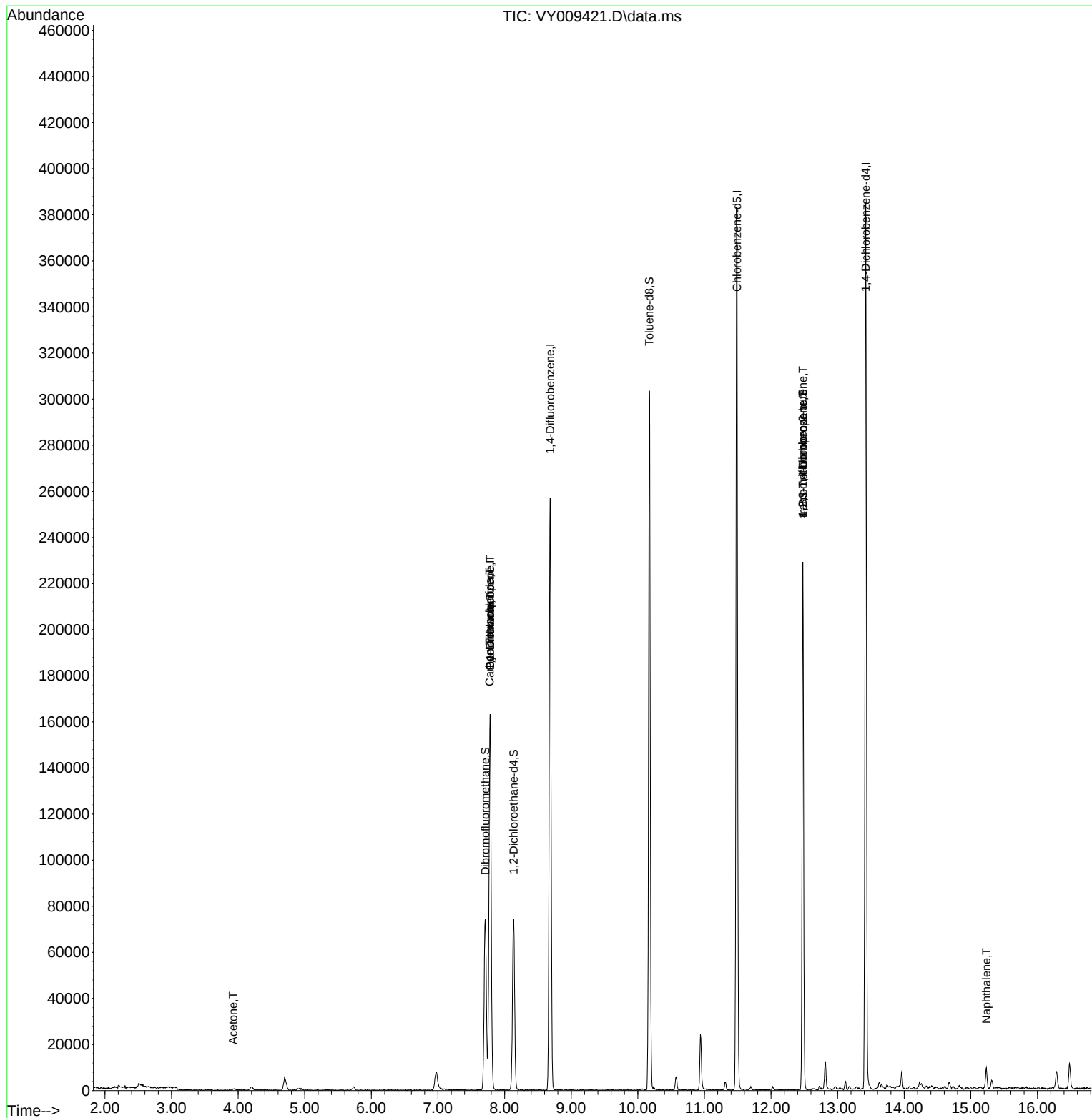
Internal Standards						
1) Pentafluorobenzene	7.783	168	127384	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	217685	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	202580	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	96261	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	57274	56.135	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.260%			
35) Dibromofluoromethane	7.710	113	50701	42.318	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 84.640%			
50) Toluene-d8	10.173	98	193755	52.746	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.500%			
62) 4-Bromofluorobenzene	12.477	95	61491	35.296	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 70.600%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	488	Below Cal	#	77
16) Acetone	3.924	43	1003	2.993	ug/l #	47
18) Methyl Acetate	4.204	43	517	Below Cal	#	56
20) Methylene Chloride	4.710	84	3583	Below Cal	#	84
31) Cyclohexane	7.783	56	2844	1.239	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	9236	4.409	ug/l #	51
38) Carbon Tetrachloride	7.777	117	12036	5.497	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	33508	29.724	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	33508	66.180	ug/l #	7
95) Naphthalene	15.233	128	7197	1.994	ug/l #	95

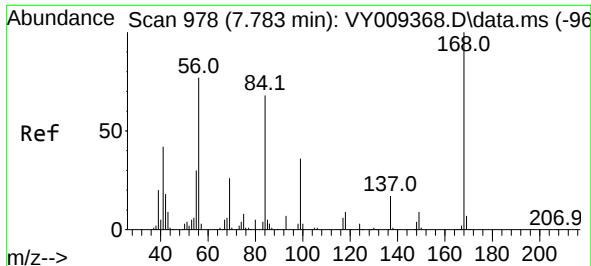
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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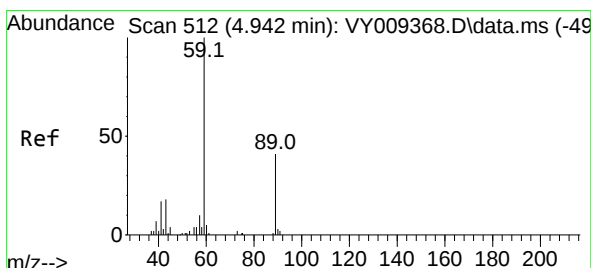
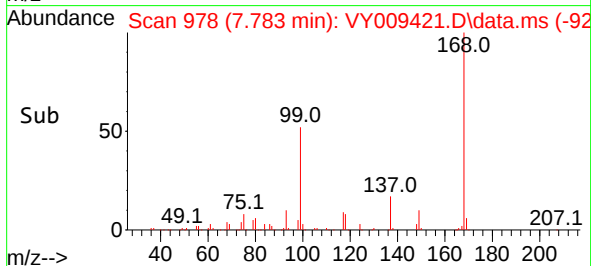
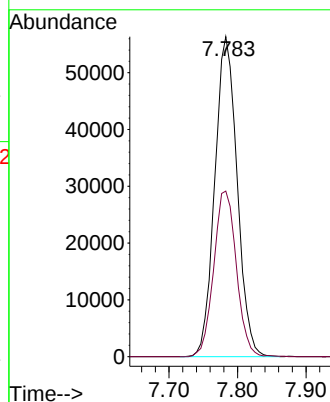
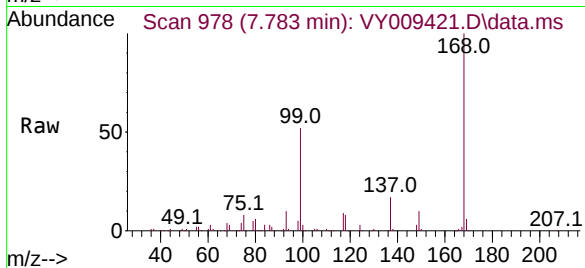




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009421.D
Acq: 01 Jul 2022 14:43

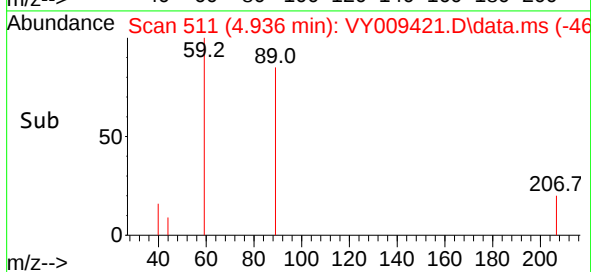
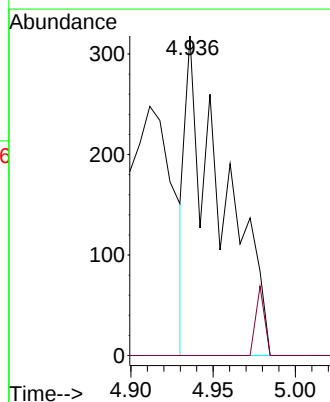
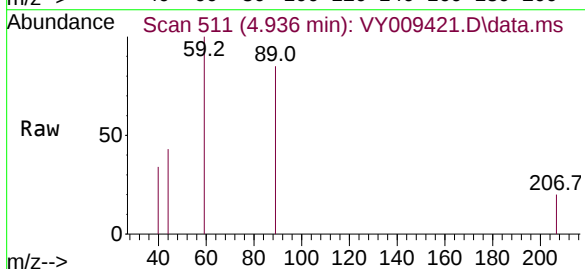
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-063022

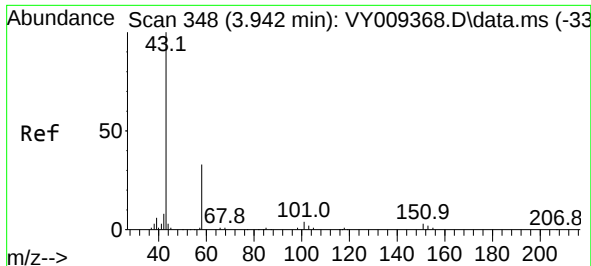
Tgt Ion:168 Resp: 127384
Ion Ratio Lower Upper
168 100
99 51.8 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY009421.D
Acq: 01 Jul 2022 14:43

Tgt Ion: 59 Resp: 488
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

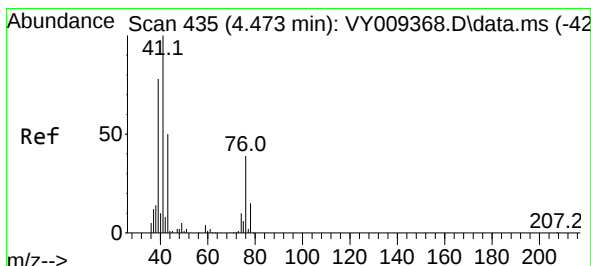
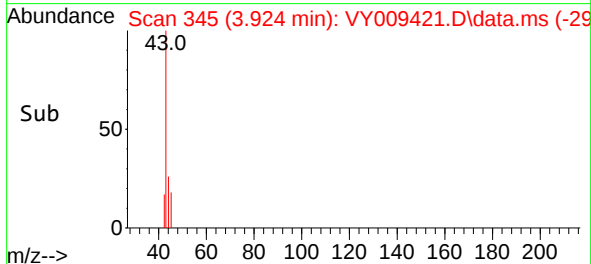
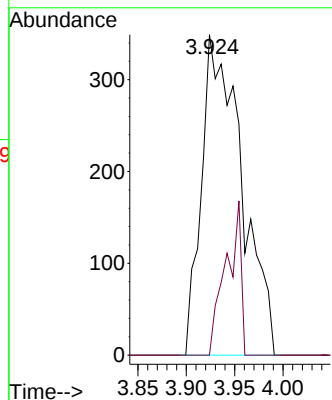
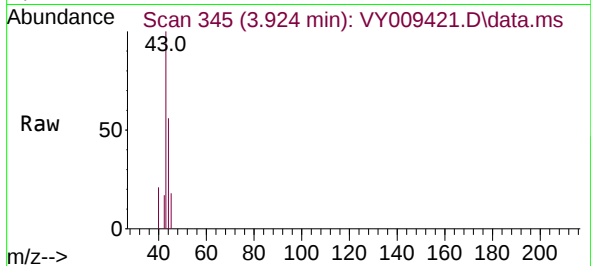




#16
Acetone
Concen: 2.993 ug/l
RT: 3.924 min Scan# 348
Delta R.T. -0.018 min
Lab File: VY009421.D
Acq: 01 Jul 2022 14:43

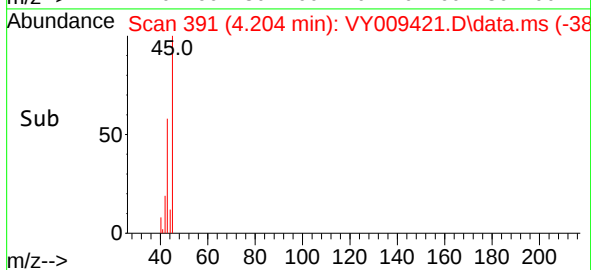
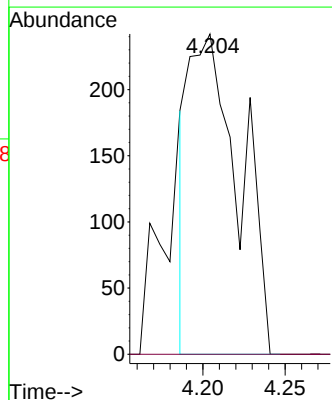
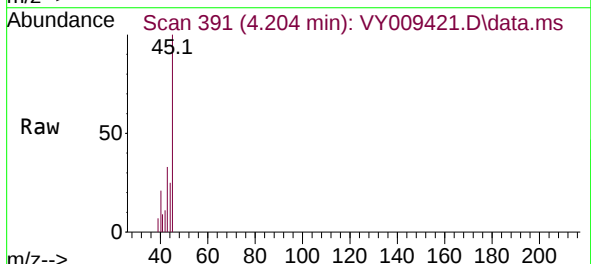
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-063022

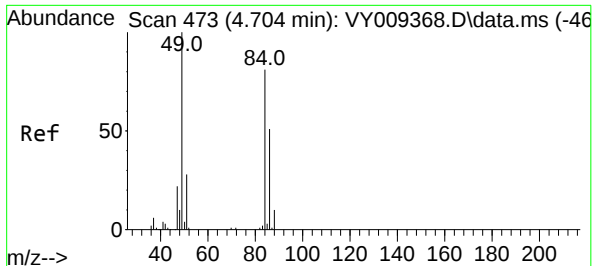
Tgt Ion: 43 Resp: 1003
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.204 min Scan# 391
Delta R.T. -0.269 min
Lab File: VY009421.D
Acq: 01 Jul 2022 14:43

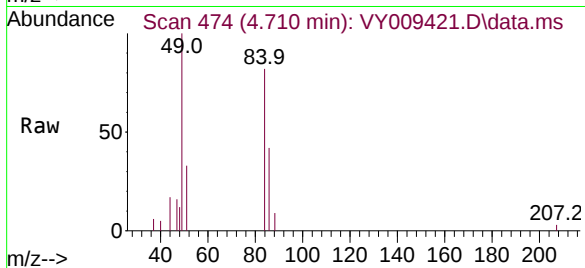
Tgt Ion: 43 Resp: 517
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





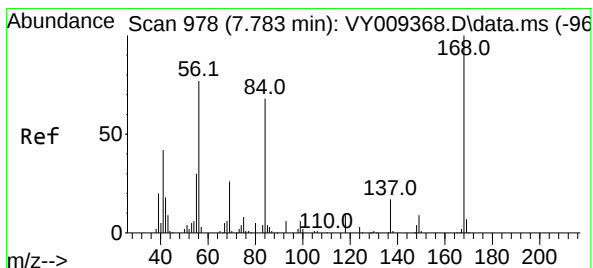
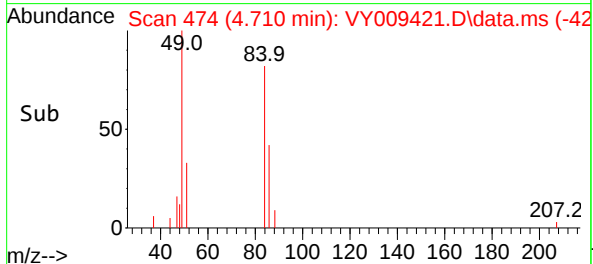
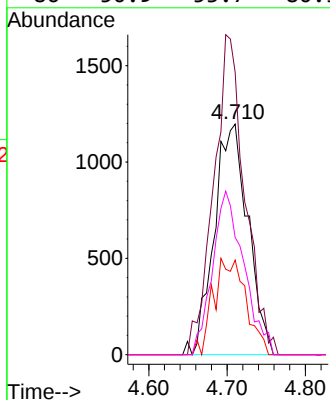
#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009421.D
Acq: 01 Jul 2022 14:43

Instrument :
MSVOA_Y
ClientSampleId :
OR-02-063022



Tgt Ion: 84 Resp: 3583

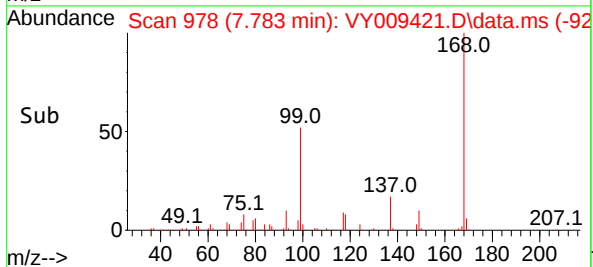
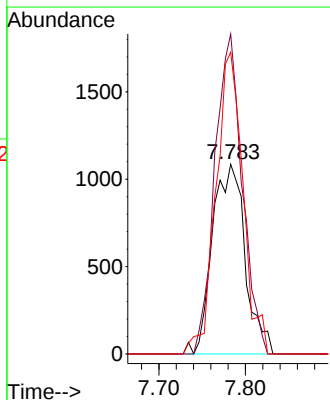
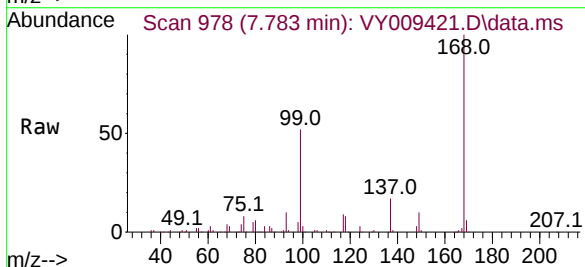
Ion	Ratio	Lower	Upper
84	100		
49	122.5	114.4	171.6
51	41.0	35.3	52.9
86	50.9	53.7	80.5#

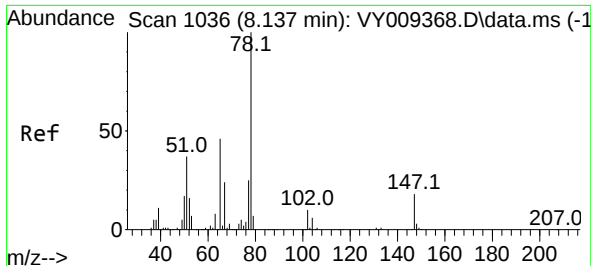


#31
Cyclohexane
Concen: 1.239 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY009421.D
Acq: 01 Jul 2022 14:43

Tgt Ion: 56 Resp: 2844

Ion	Ratio	Lower	Upper
56	100		
69	168.6	26.7	40.1#
84	159.0	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 56.135 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY009421.D

Acq: 01 Jul 2022 14:43

Instrument :

MSVOA_Y

ClientSampleId :

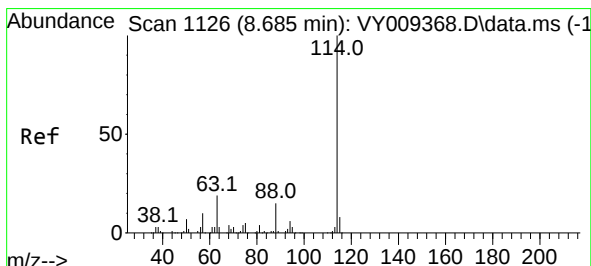
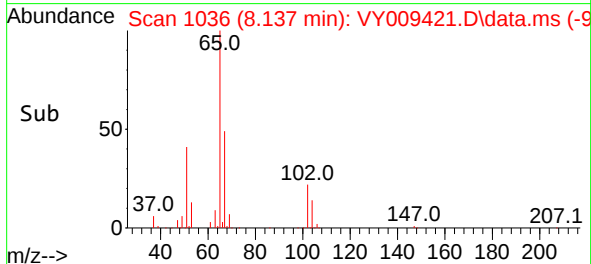
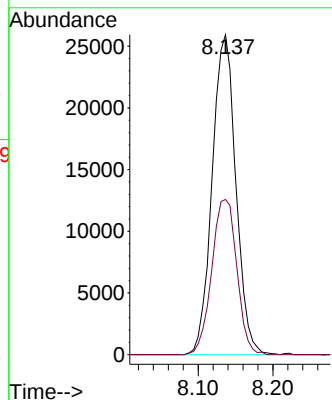
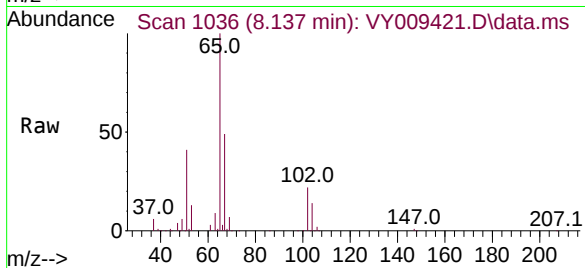
OR-02-063022

Tgt Ion: 65 Resp: 57274

Ion Ratio Lower Upper

65 100

67 51.2 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: VY009421.D

Acq: 01 Jul 2022 14:43

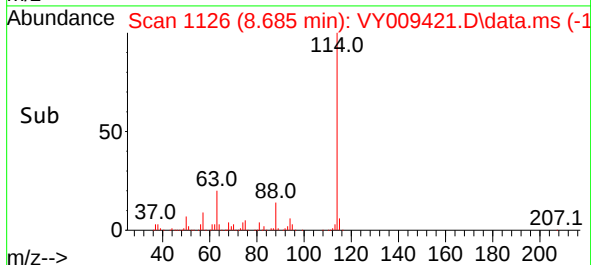
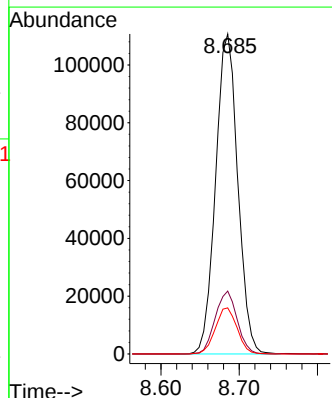
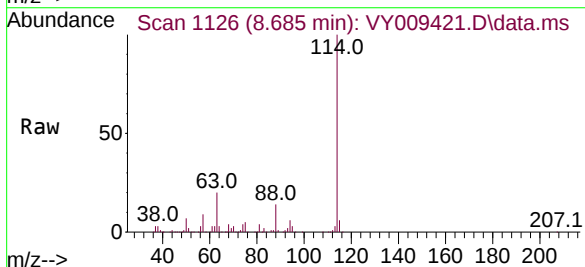
Tgt Ion: 114 Resp: 217685

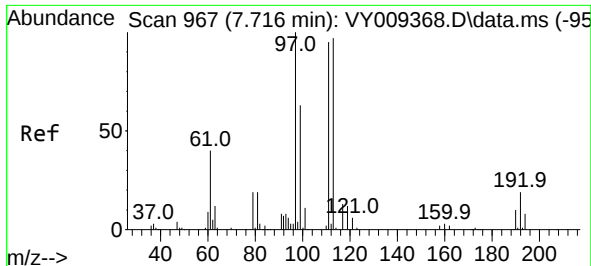
Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.2

88 14.4 0.0 31.8

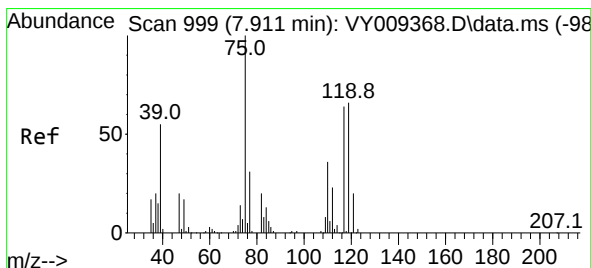
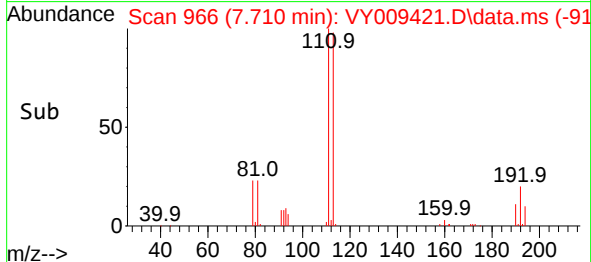
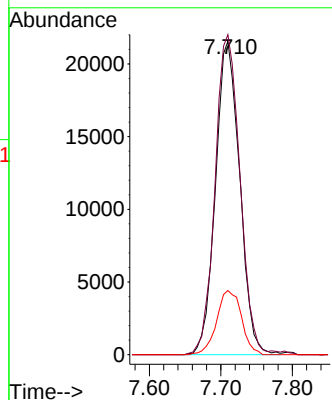
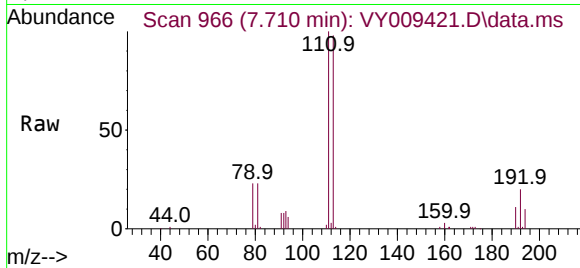




#35
Dibromofluoromethane
Concen: 42.318 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY009421.D
Acq: 01 Jul 2022 14:43

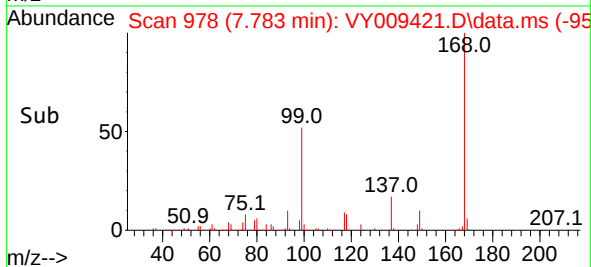
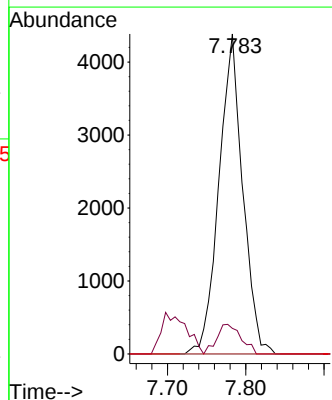
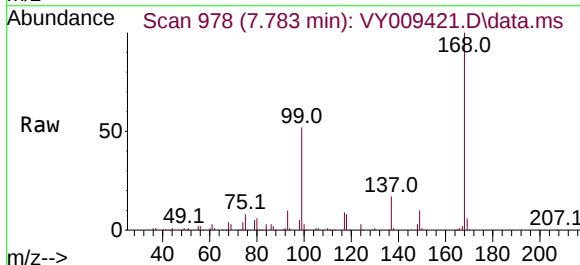
Instrument :
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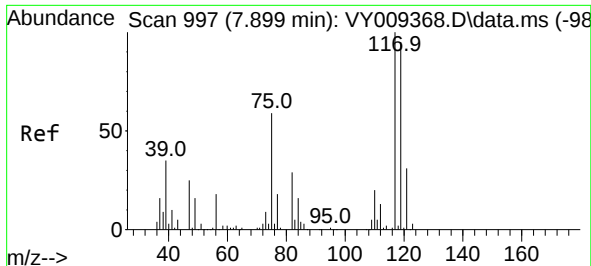
Tgt Ion:113 Resp: 50701
Ion Ratio Lower Upper
113 100
111 105.2 82.6 124.0
192 21.0 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.409 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY009421.D
Acq: 01 Jul 2022 14:43

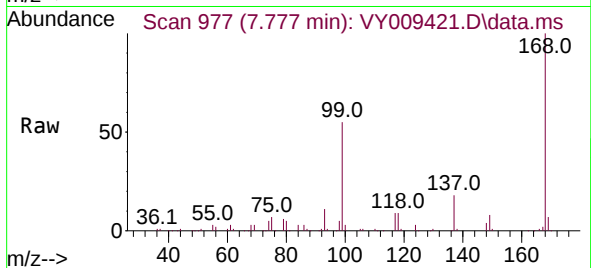
Tgt Ion: 75 Resp: 9236
Ion Ratio Lower Upper
75 100
110 9.4 17.1 51.2#
77 0.0 24.4 36.6#



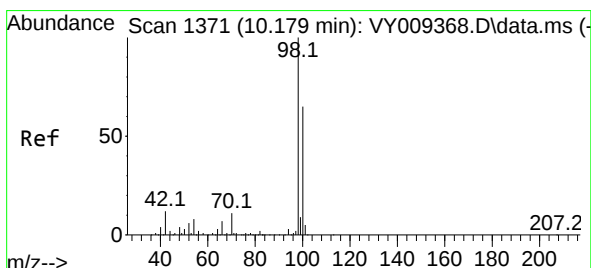
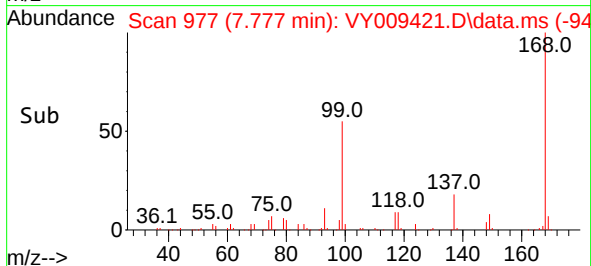
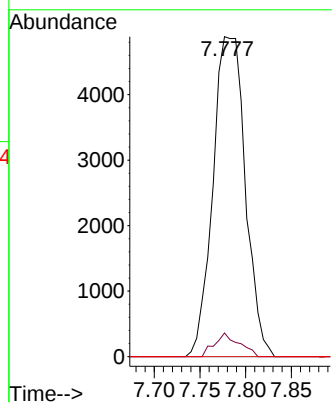


#38
Carbon Tetrachloride
Concen: 5.497 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY009421.D
Acq: 01 Jul 2022 14:43

Instrument :
MSVOA_Y
ClientSampleId :
OR-02-063022

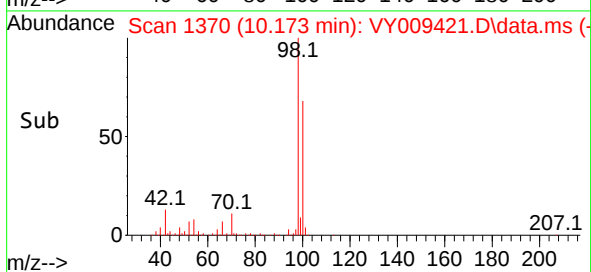
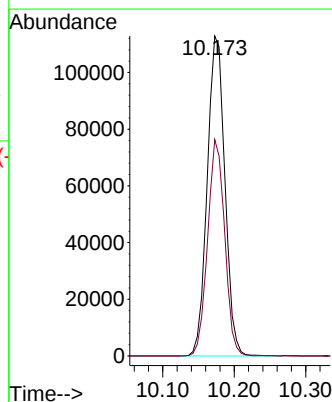
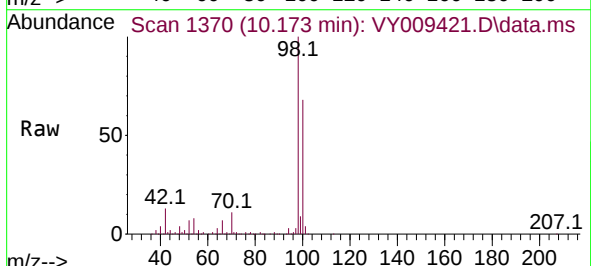


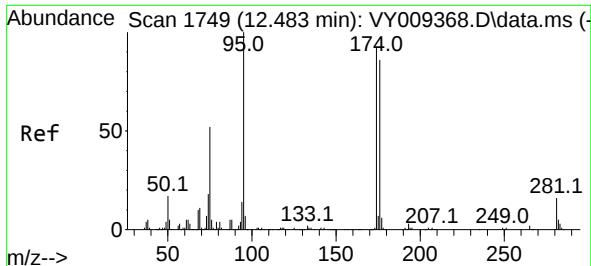
Tgt Ion:117 Resp: 12036
Ion Ratio Lower Upper
117 100
119 7.4 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.746 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY009421.D
Acq: 01 Jul 2022 14:43

Tgt Ion: 98 Resp: 193755
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2

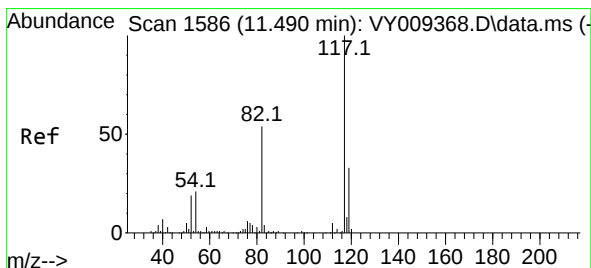
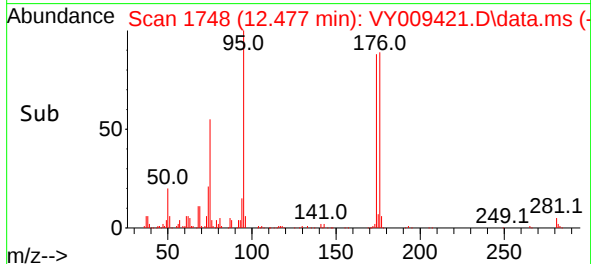
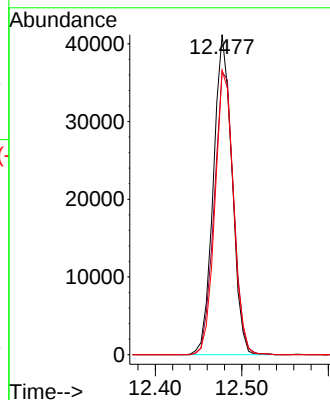
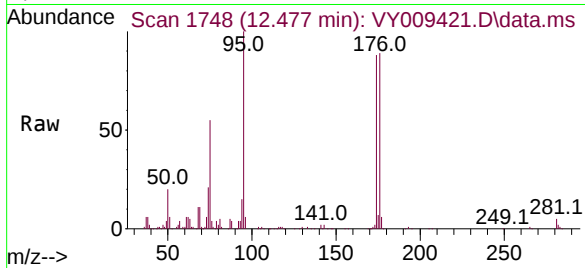




#62
4-Bromofluorobenzene
Concen: 35.296 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009421.D
Acq: 01 Jul 2022 14:43

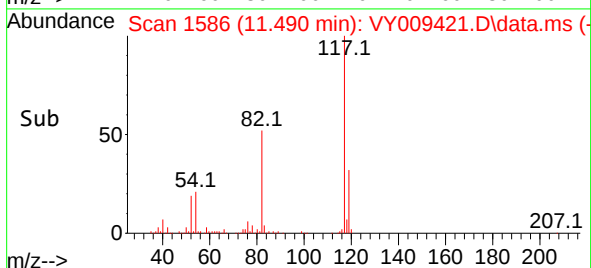
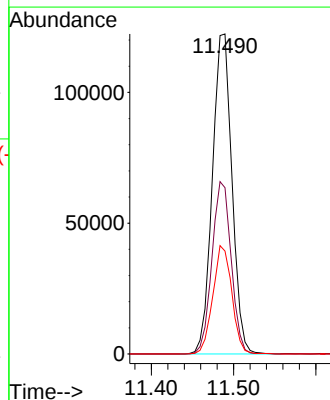
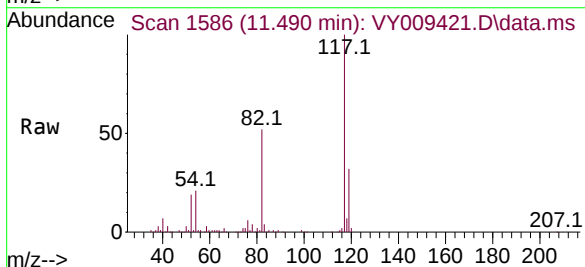
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-063022

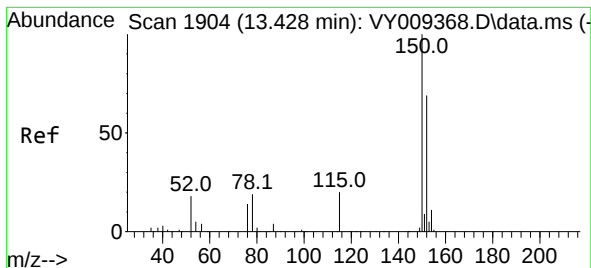
Tgt Ion: 95 Resp: 61491
Ion Ratio Lower Upper
95 100
174 92.2 0.0 177.0
176 88.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009421.D
Acq: 01 Jul 2022 14:43

Tgt Ion: 117 Resp: 202580
Ion Ratio Lower Upper
117 100
82 51.9 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# 1904

Delta R.T. 0.000 min

Lab File: VY009421.D

Acq: 01 Jul 2022 14:43

Instrument :

MSVOA_Y

ClientSampleId :

OR-02-063022

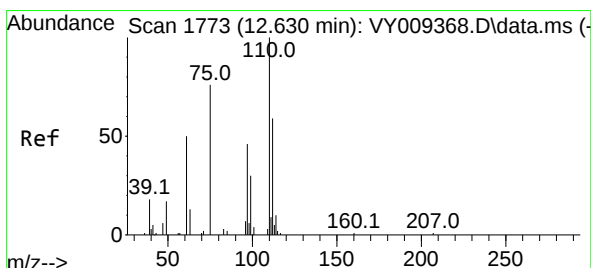
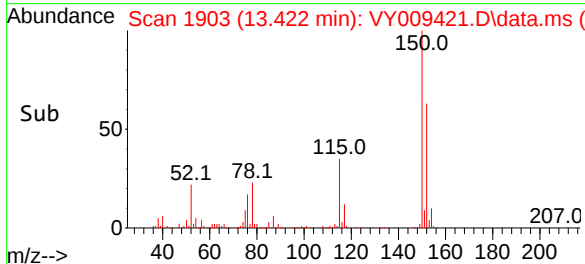
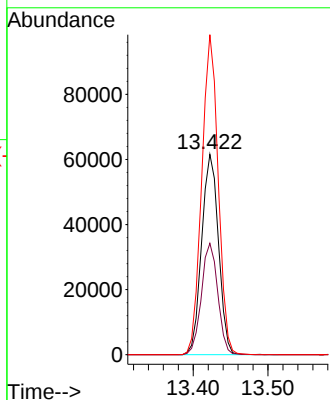
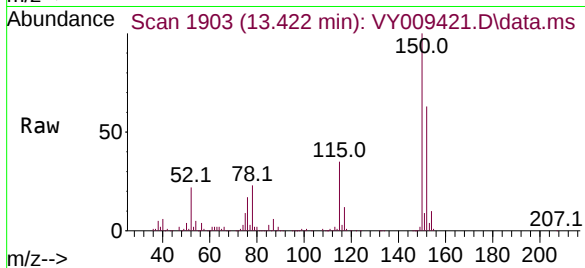
Tgt Ion:152 Resp: 96261

Ion Ratio Lower Upper

152 100

115 54.0 28.2 84.7

150 155.8 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 29.724 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY009421.D

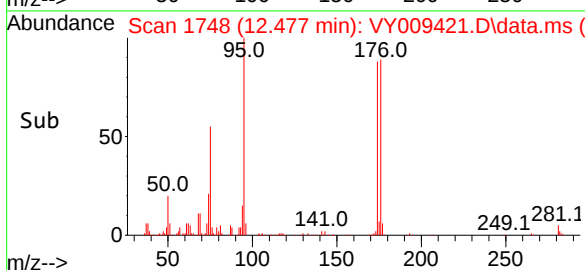
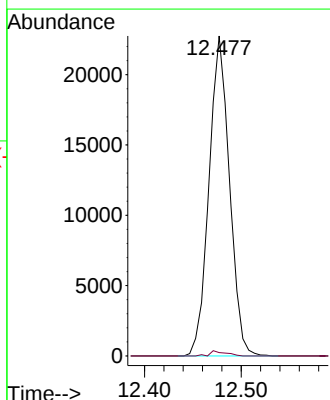
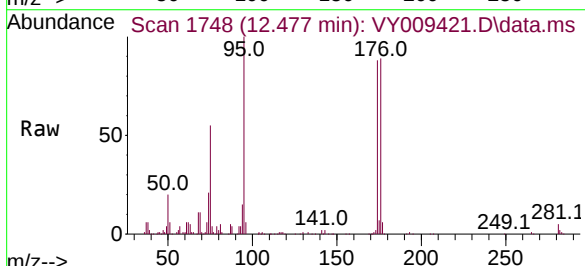
Acq: 01 Jul 2022 14:43

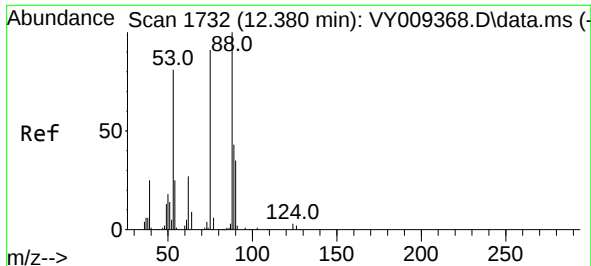
Tgt Ion: 75 Resp: 33508

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#

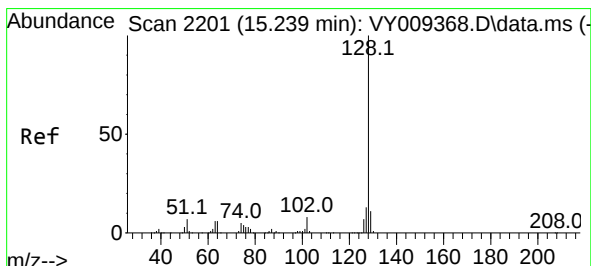
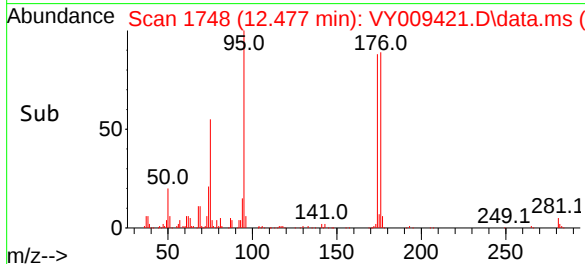
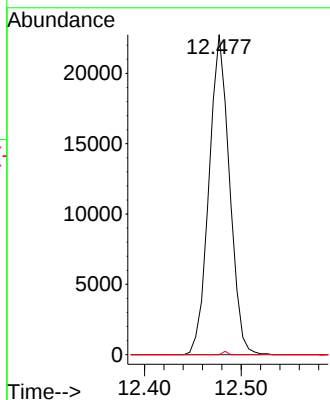
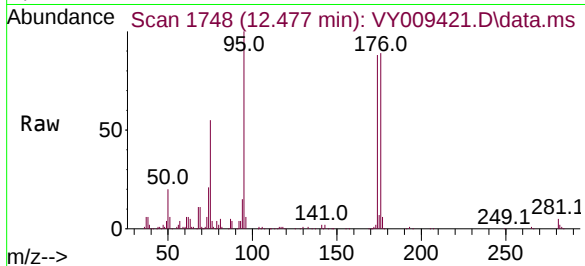




#81
trans-1,4-Dichloro-2-butene
Concen: 66.180 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY009421.D
Acq: 01 Jul 2022 14:43

Instrument :
MSVOA_Y
ClientSampleId :
OR-02-063022

Tgt Ion: 75 Resp: 33508
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.3 37.0 55.4#



#95
Naphthalene
Concen: 1.994 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY009421.D
Acq: 01 Jul 2022 14:43

Tgt Ion: 128 Resp: 7197
Ion Ratio Lower Upper
128 100
127 13.1 11.0 16.4
129 14.4 8.4 12.6#

