

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062322\
 Data File : VY009302.D
 Acq On : 23 Jun 2022 18:18
 Operator : KP/MD
 Sample : N3462-07
 Misc : 3.61g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-0-2-20220622

Quant Time: Jun 24 09:24:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 14:08:27 2022
 Response via : Initial Calibration

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

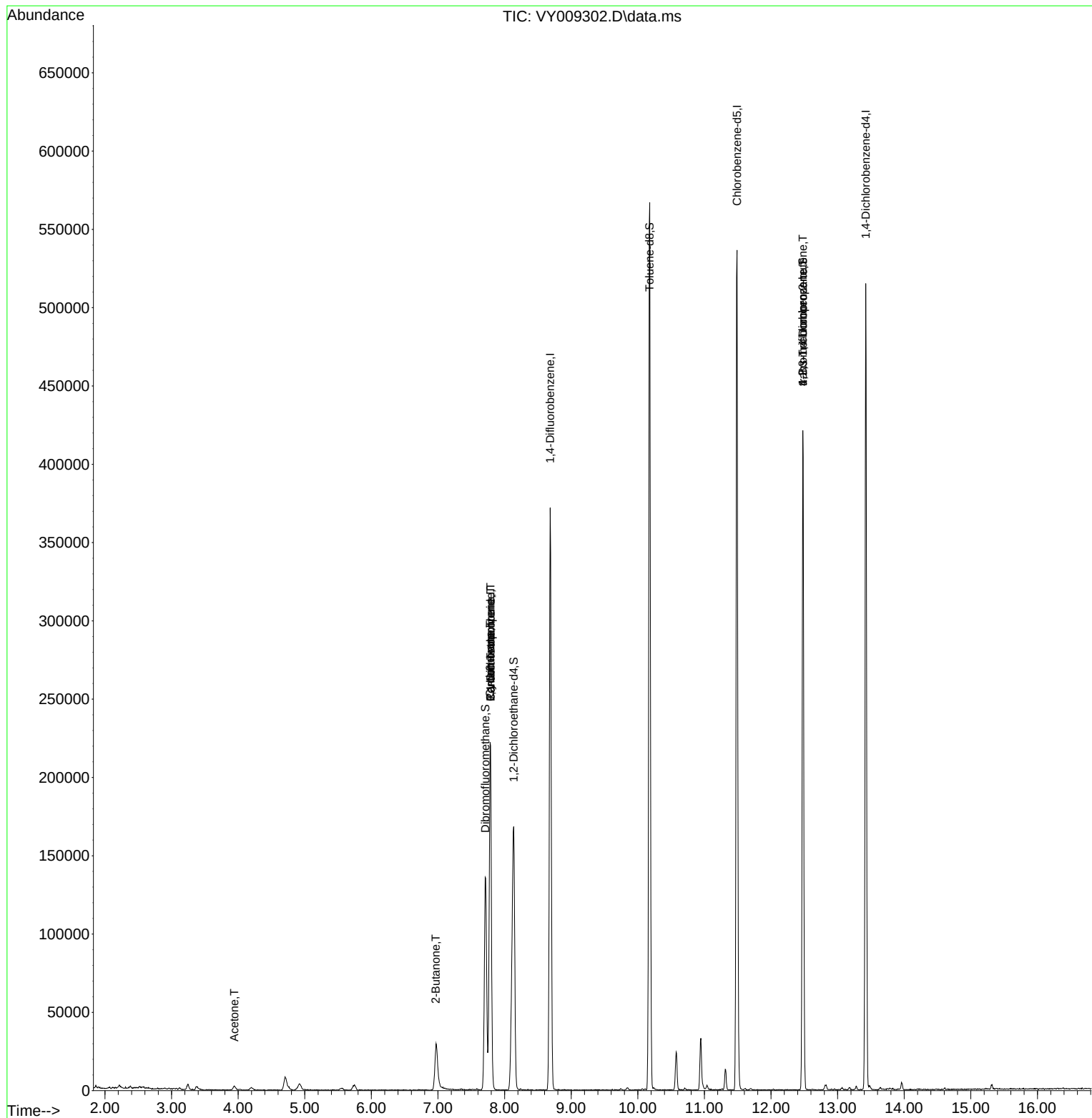
Internal Standards						
1) Pentafluorobenzene	7.789	168	176381	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	312985	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	293423	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	129354	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	106883	55.176	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.360%			
35) Dibromofluoromethane	7.710	113	95836	47.281	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 94.560%			
50) Toluene-d8	10.179	98	371778	47.746	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.500%			
62) 4-Bromofluorobenzene	12.477	95	122561	44.794	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 89.580%			
Target Compounds						
11) Tert butyl alcohol	4.924	59	4220	Below Cal	#	77
16) Acetone	3.942	43	4147	8.665	ug/l	90
18) Methyl Acetate	4.472	43	121	Below Cal	#	56
20) Methylene Chloride	4.704	84	5454	Below Cal	#	89
25) 2-Butanone	6.966	43	1825	2.361	ug/l	94
31) Cyclohexane	7.783	56	3685	1.096	ug/l	# 1
36) 1,1-Dichloropropene	7.789	75	13794	4.472	ug/l	# 51
38) Carbon Tetrachloride	7.789	117	17087	5.327	ug/l	# 15
76) 1,2,3-Trichloropropane	12.477	75	64585	42.587	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	64585	90.298	ug/l	# 7

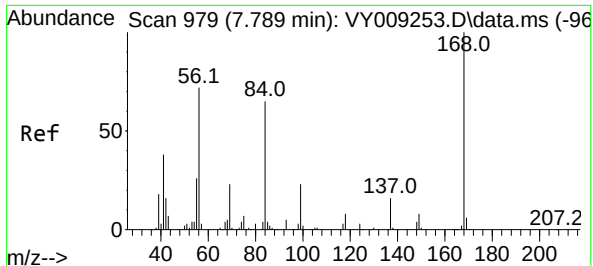
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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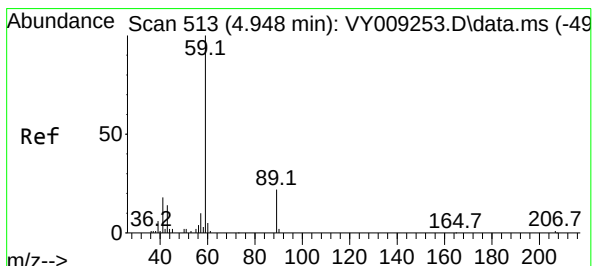
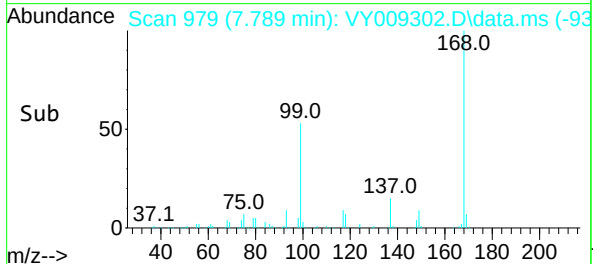
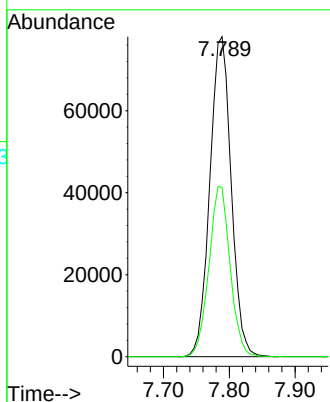
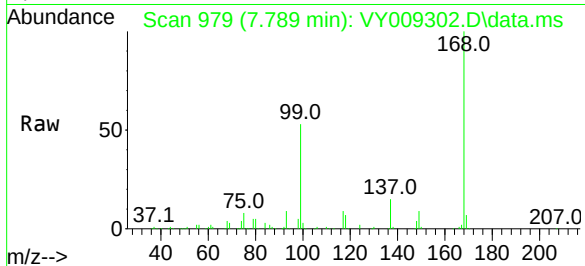




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009302.D
Acq: 23 Jun 2022 18:18

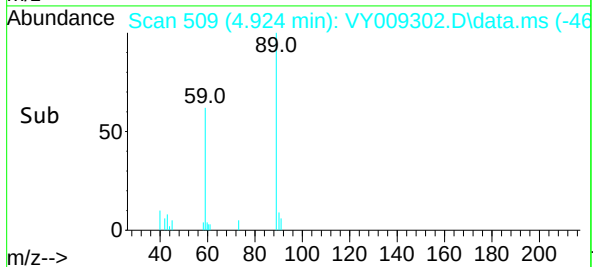
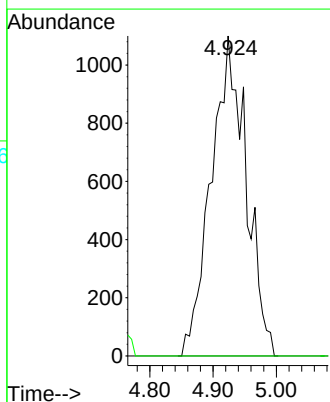
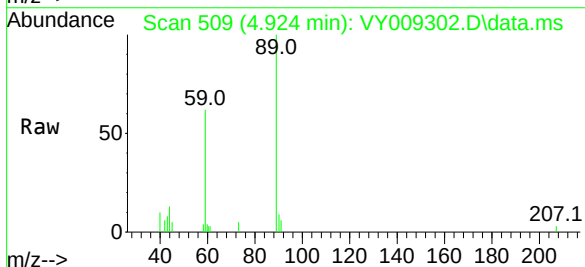
Instrument :
MSVOA_Y
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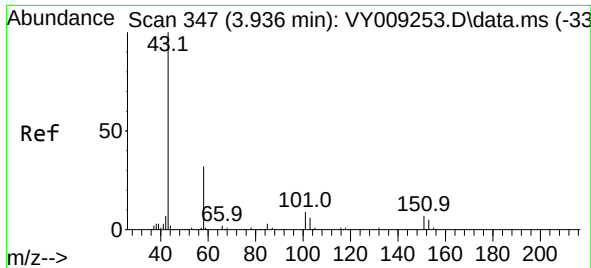
Tgt Ion:168 Resp: 176381
Ion Ratio Lower Upper
168 100
99 52.9 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.924 min Scan# 509
Delta R.T. -0.024 min
Lab File: VY009302.D
Acq: 23 Jun 2022 18:18

Tgt Ion: 59 Resp: 4220
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

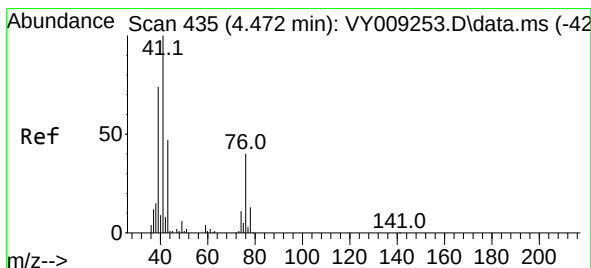
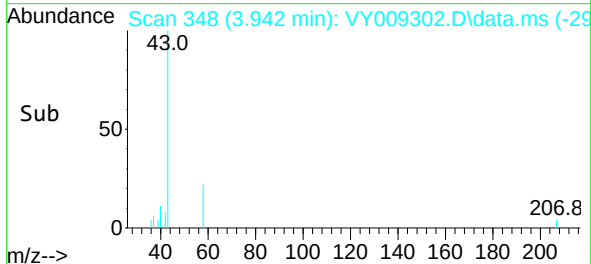
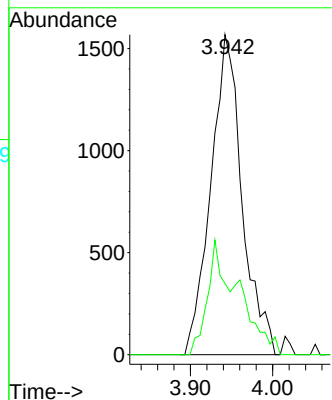
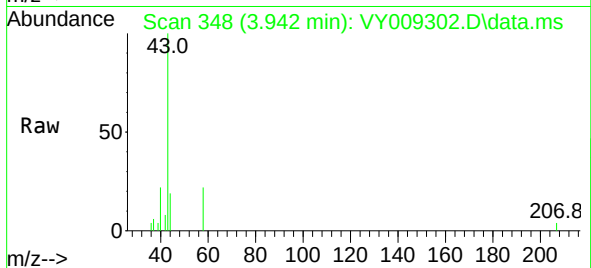




#16
Acetone
Concen: 8.665 ug/l
RT: 3.942 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY009302.D
Acq: 23 Jun 2022 18:18

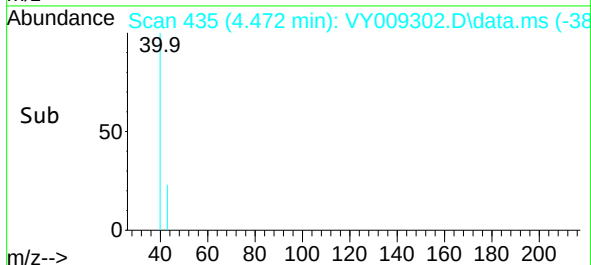
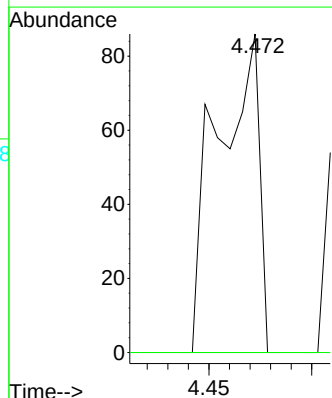
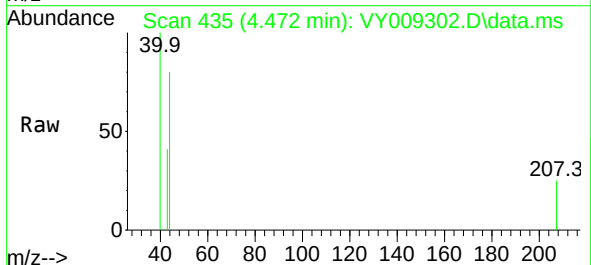
Instrument :
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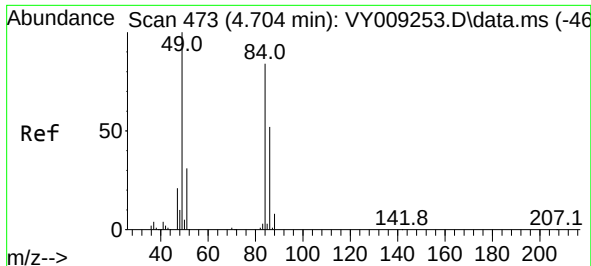
Tgt Ion: 43 Resp: 4147
Ion Ratio Lower Upper
43 100
58 22.3 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY009302.D
Acq: 23 Jun 2022 18:18

Tgt Ion: 43 Resp: 121
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

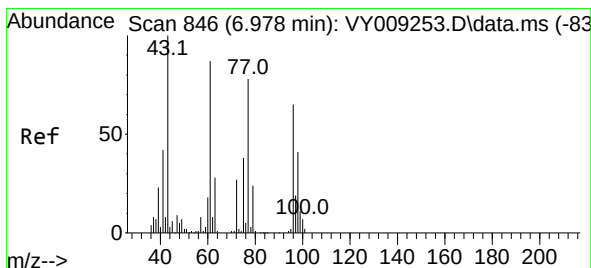
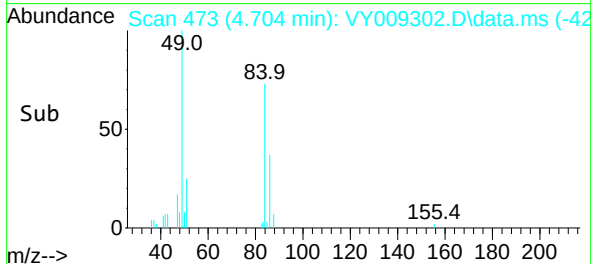
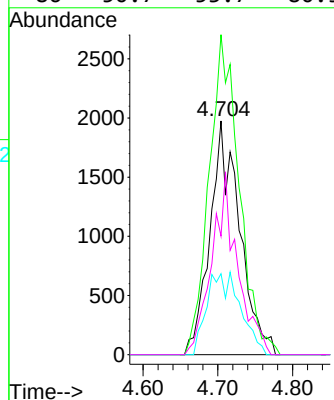
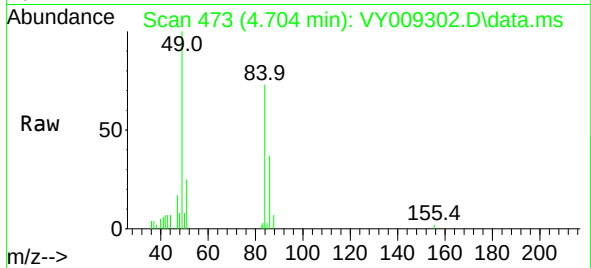




#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009302.D
Acq: 23 Jun 2022 18:18

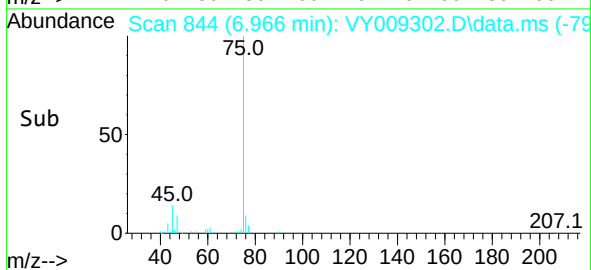
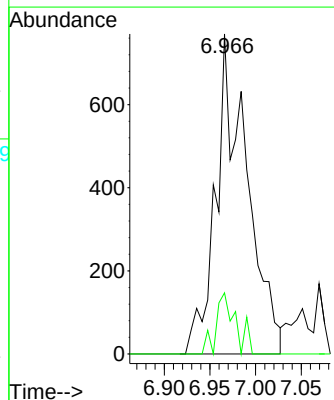
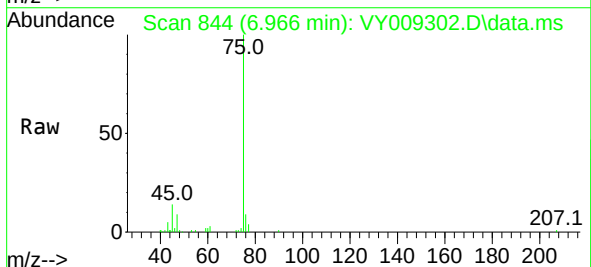
Instrument :
MSVOA_Y
ClientSampleId :
SB-2-0-2-20220622

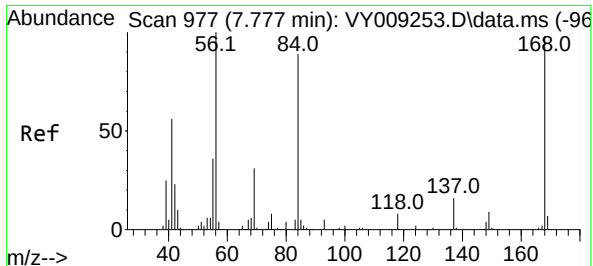
Tgt Ion:	84	Resp:	5454
Ion	Ratio	Lower	Upper
84	100		
49	136.8	114.4	171.6
51	34.6	35.3	52.9#
86	50.7	53.7	80.5#



#25
2-Butanone
Concen: 2.361 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.012 min
Lab File: VY009302.D
Acq: 23 Jun 2022 18:18

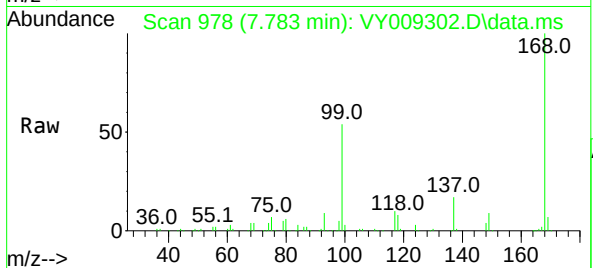
Tgt Ion:	43	Resp:	1825
Ion	Ratio	Lower	Upper
43	100		
72	19.1	17.7	26.5



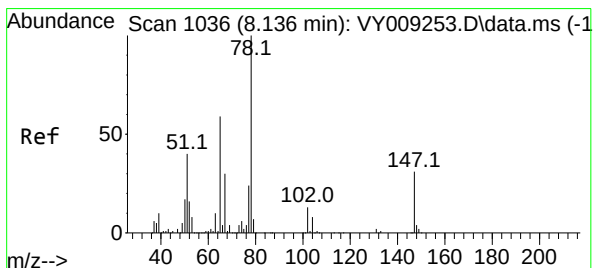
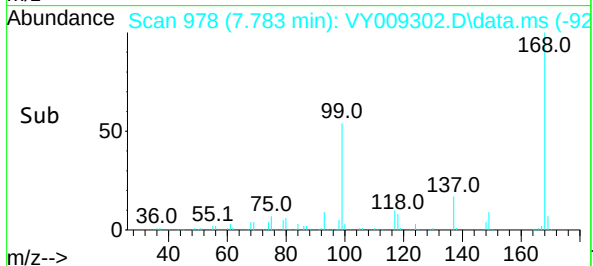
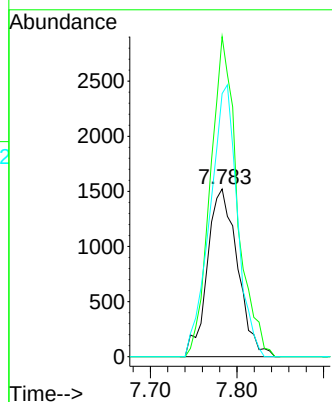


#31
Cyclohexane
Concen: 1.096 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009302.D
Acq: 23 Jun 2022 18:18

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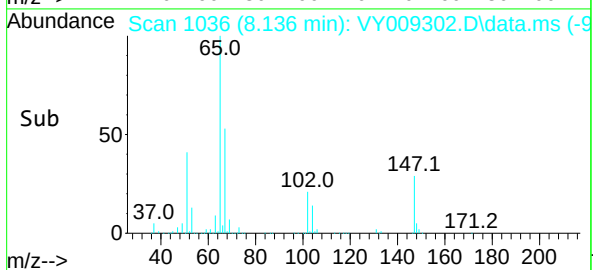
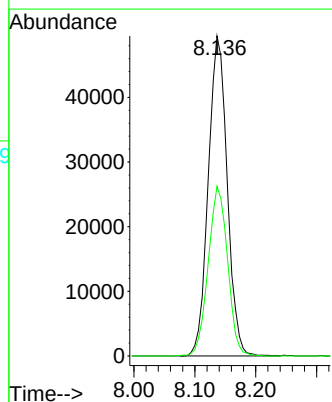
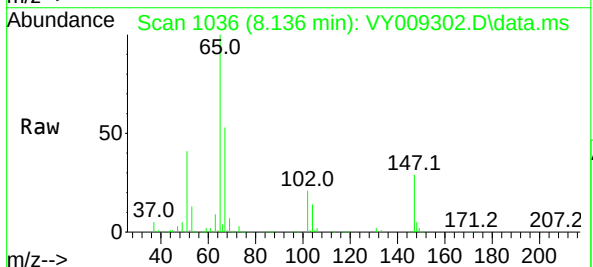


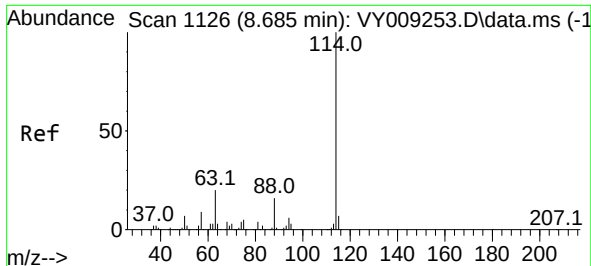
Tgt Ion: 56 Resp: 3685
Ion Ratio Lower Upper
56 100
69 190.8 26.7 40.1#
84 156.8 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 55.176 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009302.D
Acq: 23 Jun 2022 18:18

Tgt Ion: 65 Resp: 106883
Ion Ratio Lower Upper
65 100
67 54.3 0.0 99.4

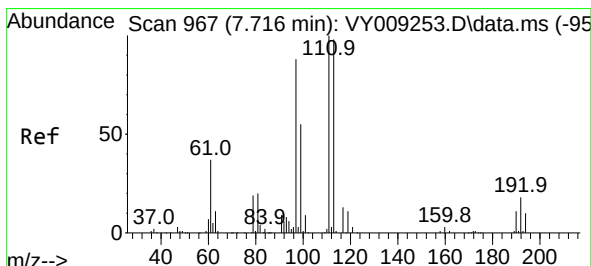
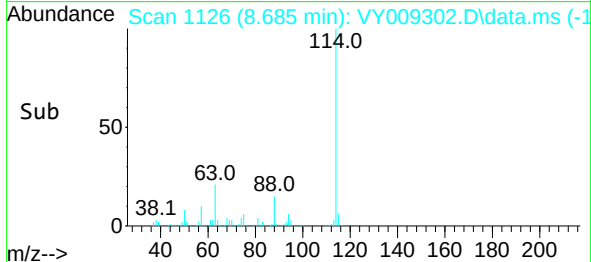
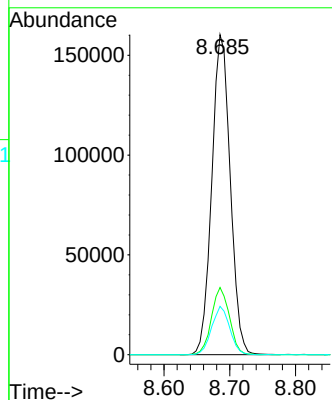
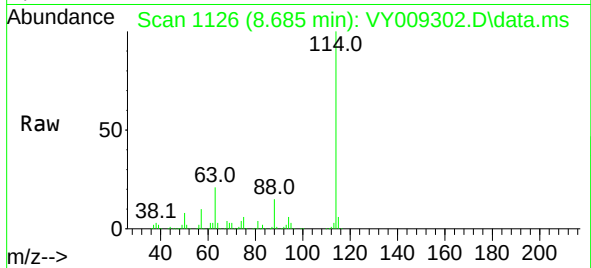




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009302.D
Acq: 23 Jun 2022 18:18

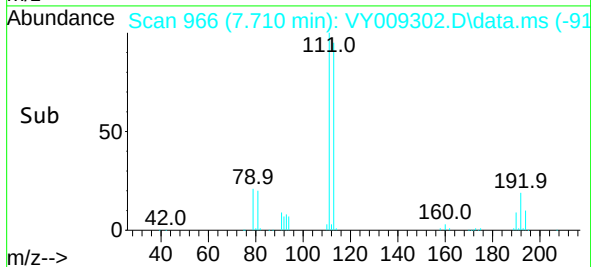
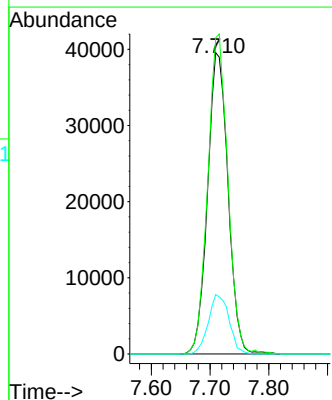
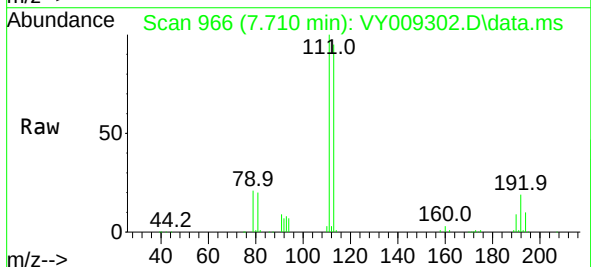
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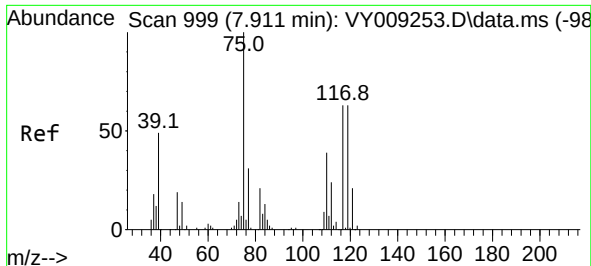
Tgt Ion:	114	Resp:	312985
Ion Ratio	Lower	Upper	
114	100		
63	21.0	0.0	43.2
88	15.1	0.0	31.8



#35
Dibromofluoromethane
Concen: 47.281 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY009302.D
Acq: 23 Jun 2022 18:18

Tgt Ion:	113	Resp:	95836
Ion Ratio	Lower	Upper	
113	100		
111	104.5	82.6	124.0
192	19.9	17.6	26.4

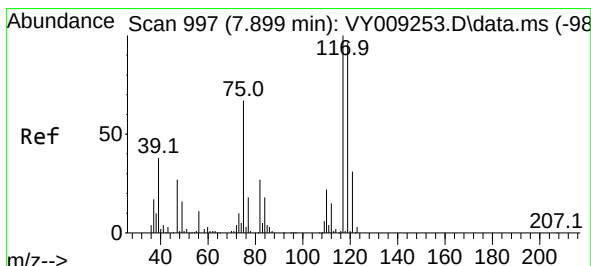
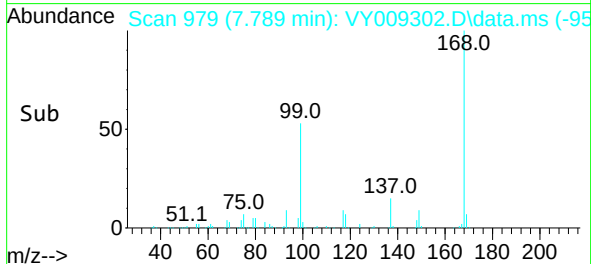
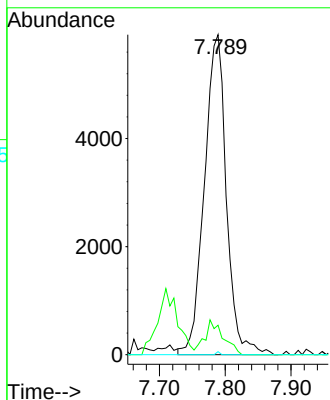
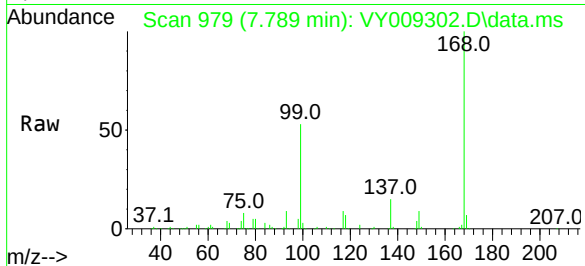




#36
1,1-Dichloropropene
Concen: 4.472 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY009302.D
Acq: 23 Jun 2022 18:18

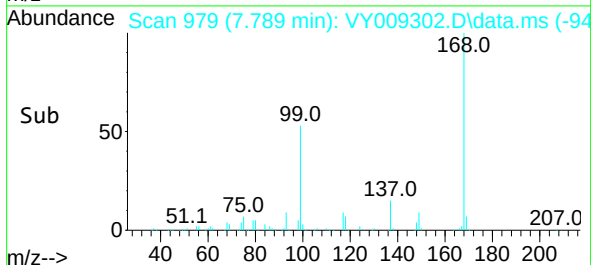
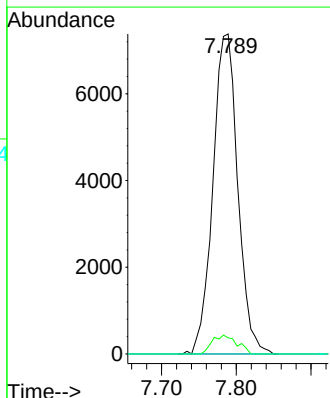
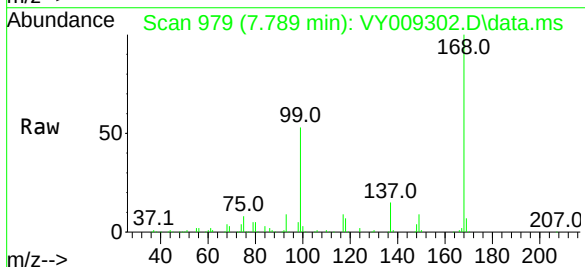
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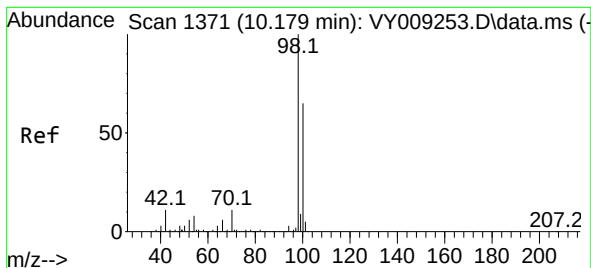
Tgt Ion: 75 Resp: 13794
Ion Ratio Lower Upper
75 100
110 9.1 17.1 51.2#
77 0.1 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.327 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY009302.D
Acq: 23 Jun 2022 18:18

Tgt Ion: 117 Resp: 17087
Ion Ratio Lower Upper
117 100
119 5.0 77.9 116.9#
121 0.0 24.8 37.2#

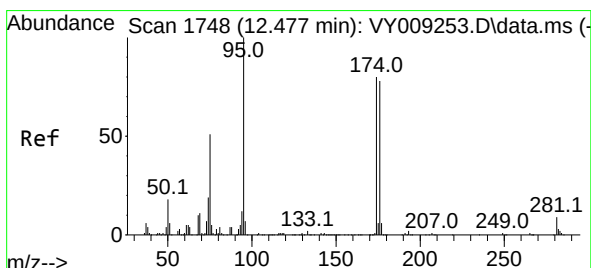
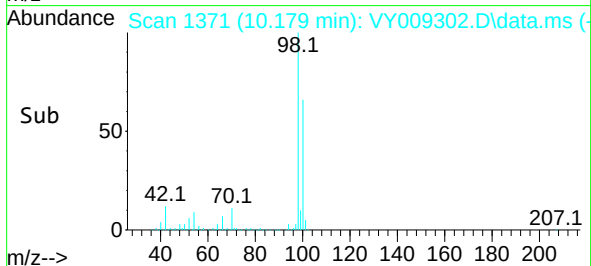
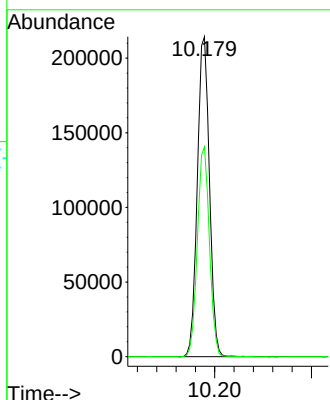
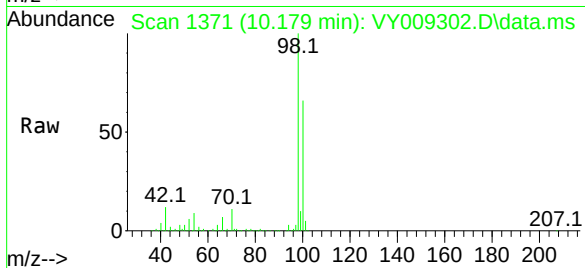




#50
Toluene-d8
Concen: 47.746 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009302.D
Acq: 23 Jun 2022 18:18

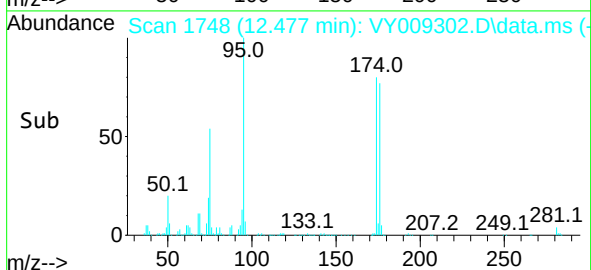
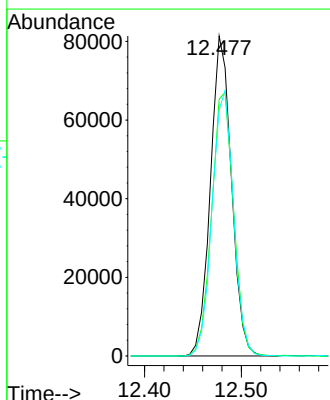
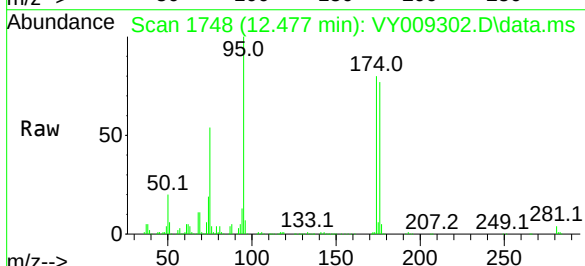
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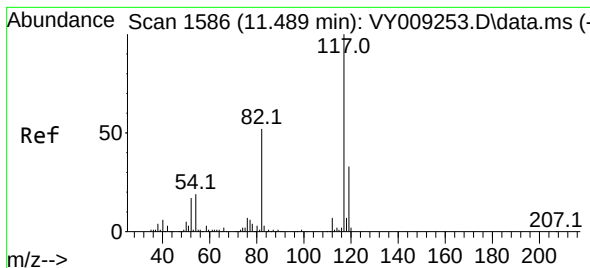
Tgt Ion: 98 Resp: 371778
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 44.794 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009302.D
Acq: 23 Jun 2022 18:18

Tgt Ion: 95 Resp: 122561
Ion Ratio Lower Upper
95 100
174 86.0 0.0 177.0
176 84.4 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009302.D

Acq: 23 Jun 2022 18:18

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-0-2-20220622

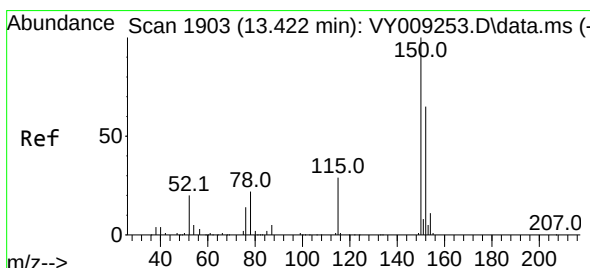
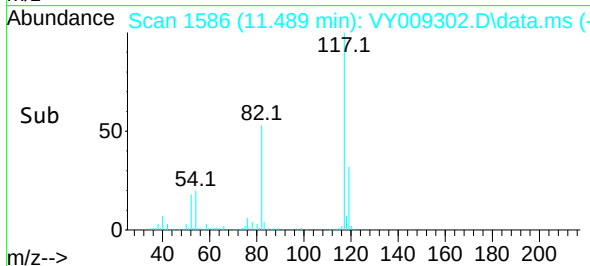
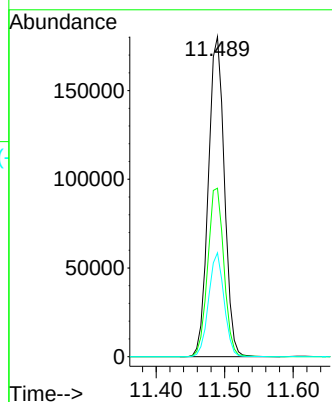
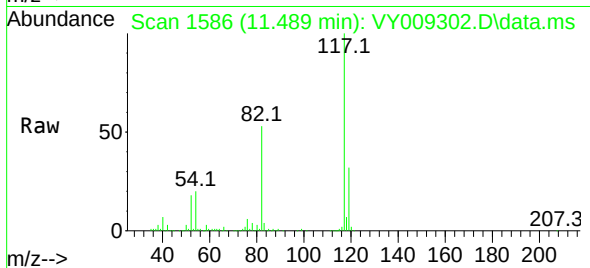
Tgt Ion:117 Resp: 293423

Ion Ratio Lower Upper

117 100

82 52.7 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: VY009302.D

Acq: 23 Jun 2022 18:18

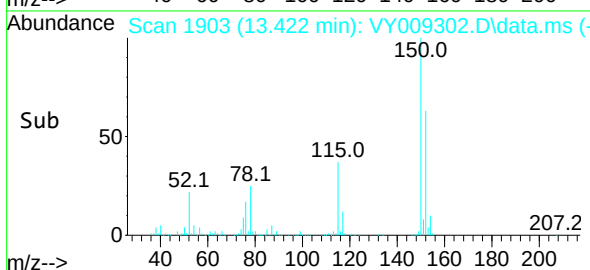
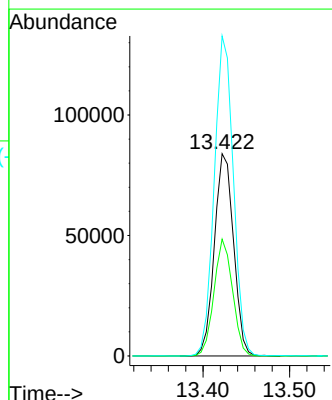
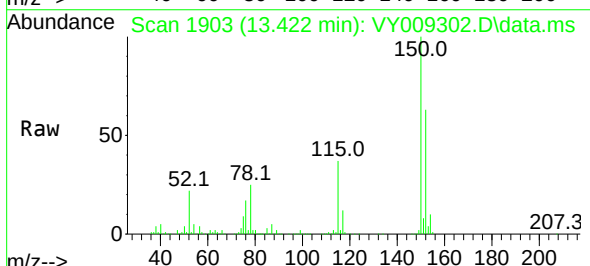
Tgt Ion:152 Resp: 129354

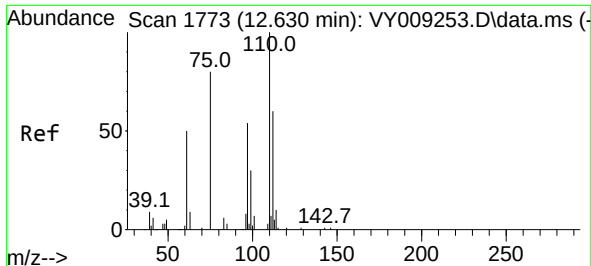
Ion Ratio Lower Upper

152 100

115 55.8 28.2 84.7

150 157.3 0.0 347.6

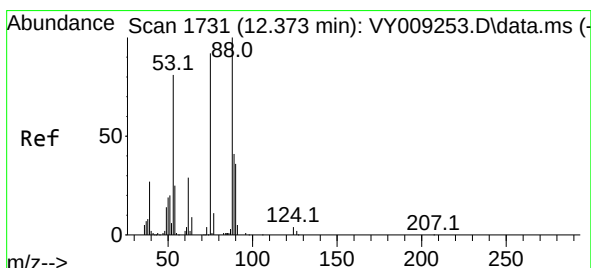
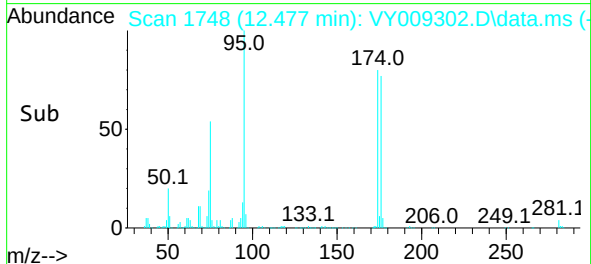
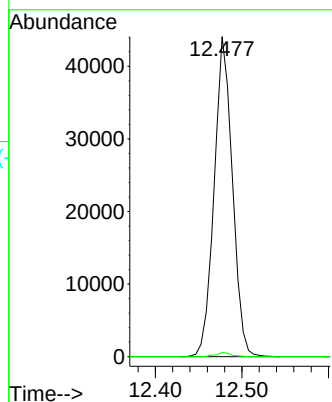
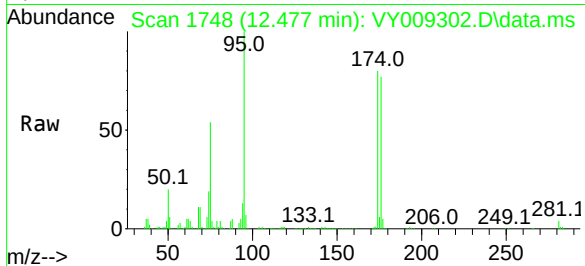




#76
1,2,3-Trichloropropane
Concen: 42.587 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009302.D
Acq: 23 Jun 2022 18:18

Instrument :
MSVOA_Y
ClientSampleId :
SB-2-0-2-20220622

Tgt Ion: 75 Resp: 64585
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.298 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009302.D
Acq: 23 Jun 2022 18:18

Tgt Ion: 75 Resp: 64585
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

