

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071322\
 Data File : VY009556.D
 Acq On : 13 Jul 2022 14:06
 Operator : KP/MD
 Sample : N3597-06RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220511-FIELD-DUPLICATE-COMP

Quant Time: Jul 14 02:44:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 11:00:56 2022
 Response via : Initial Calibration

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

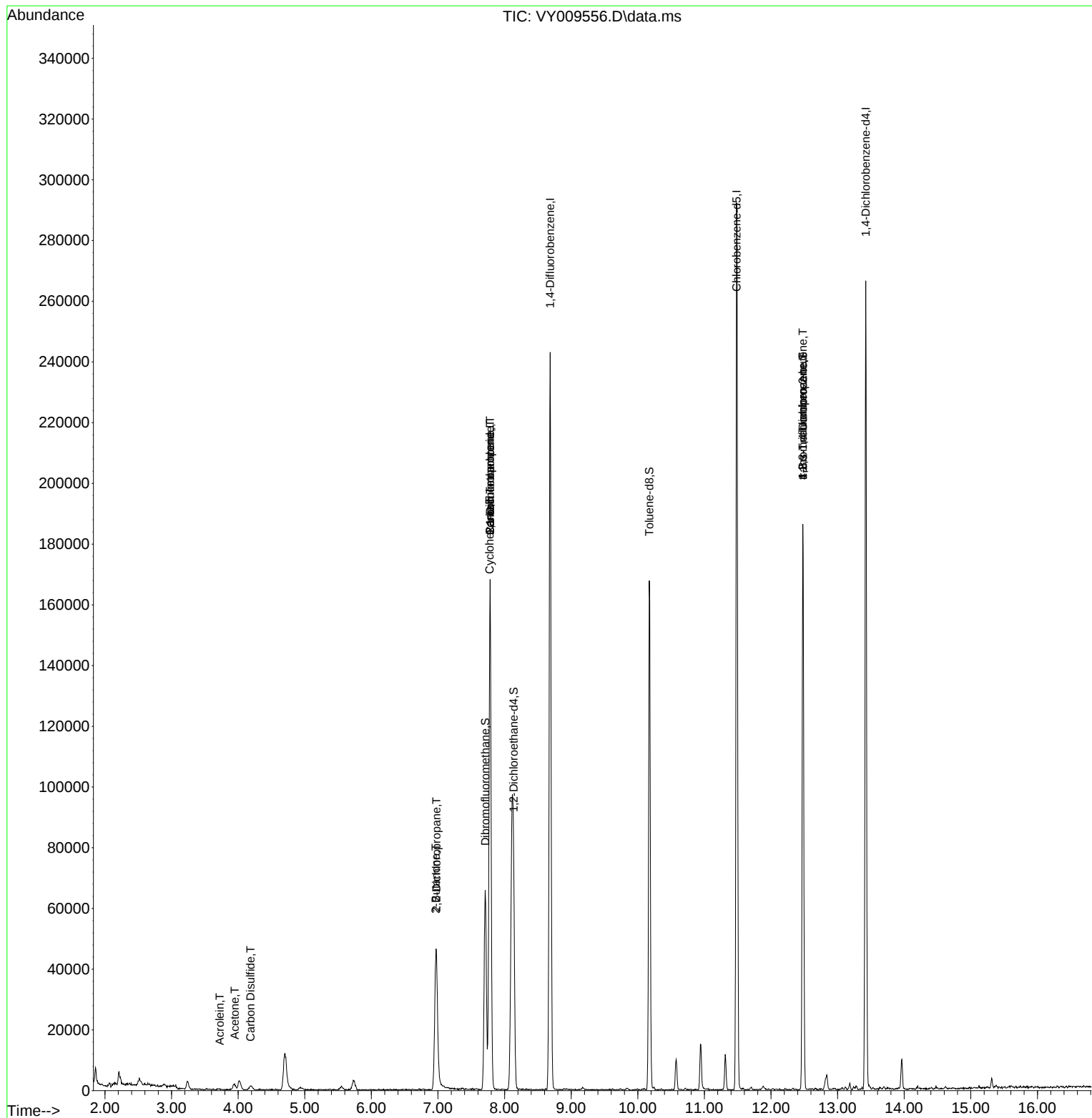
Internal Standards						
1) Pentafluorobenzene	7.783	168	130283	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	202761	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	165658	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	68671	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	42935	46.305	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.600%
35) Dibromofluoromethane	7.710	113	45374	42.530	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.060%
50) Toluene-d8	10.173	98	113217	36.515	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	73.040%#
62) 4-Bromofluorobenzene	12.477	95	52224	34.678	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	69.360%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	924	Below Cal	#	83
13) Acrolein	3.723	56	27	30.468	ug/l #	1
16) Acetone	3.948	43	3572	11.271	ug/l	98
17) Carbon Disulfide	4.186	76	1624	4.839	ug/l #	75
23) Vinyl Acetate	6.088	43	19	Below Cal	#	75
25) 2-Butanone	6.966	43	1837	3.583	ug/l #	79
26) 2,2-Dichloropropane	6.978	77	3503	1.617	ug/l #	55
31) Cyclohexane	7.777	56	2772	1.297	ug/l #	44
36) 1,1-Dichloropropene	7.783	75	9462	5.448	ug/l #	52
38) Carbon Tetrachloride	7.783	117	12331	6.638	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	26837	36.918	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	26837	75.558	ug/l #	7

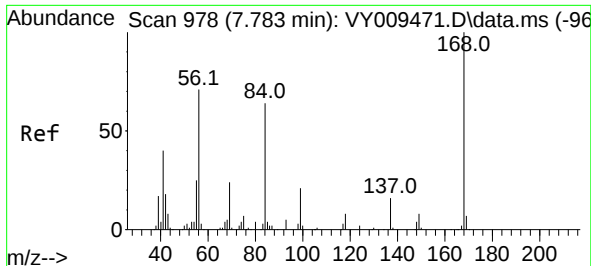
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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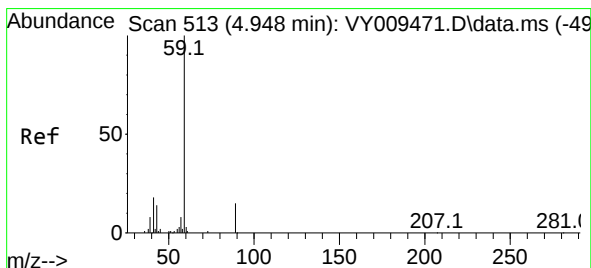
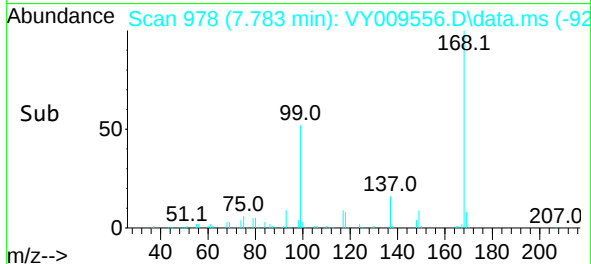
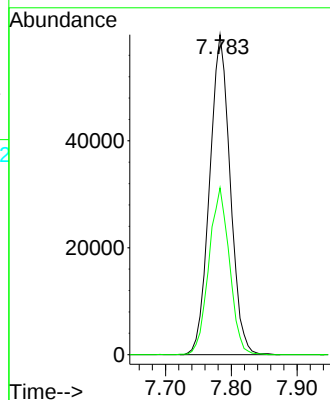
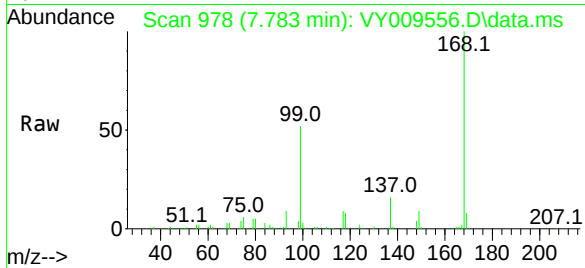




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009556.D
Acq: 13 Jul 2022 14:06

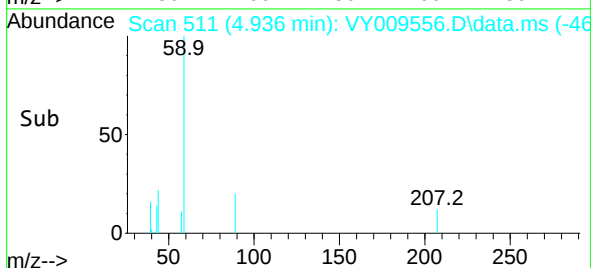
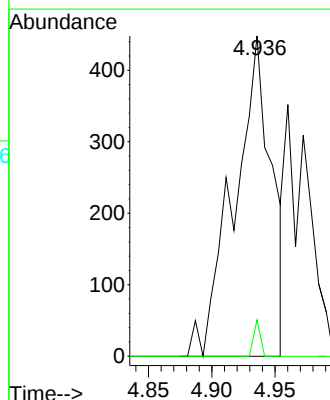
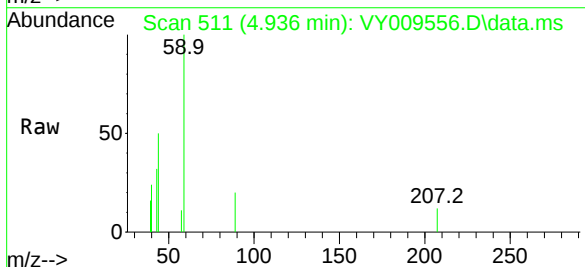
Instrument :
MSVOA_Y
ClientSampleId :
20220511-FIELD-DUPLICATE-COMP

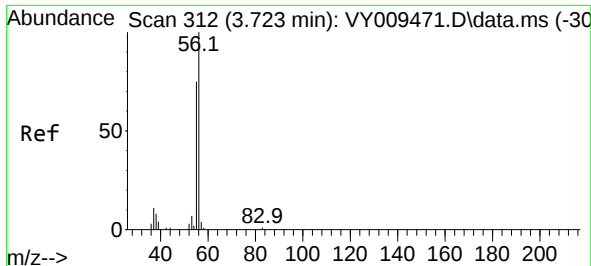
Tgt Ion:168 Resp: 130283
Ion Ratio Lower Upper
168 100
99 52.2 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY009556.D
Acq: 13 Jul 2022 14:06

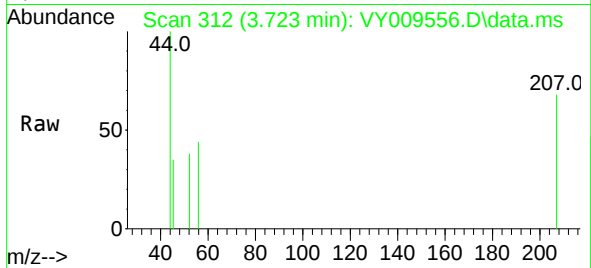
Tgt Ion: 59 Resp: 924
Ion Ratio Lower Upper
59 100
57 2.1 6.4 9.6#



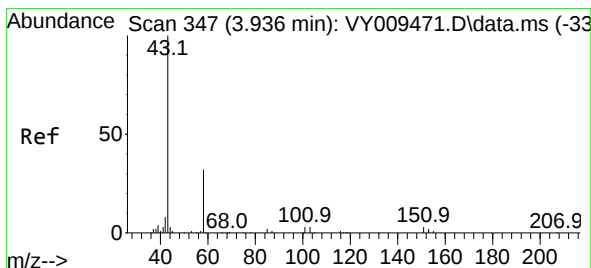
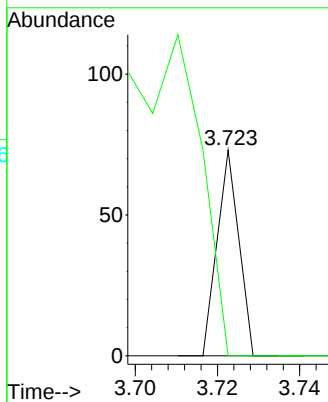
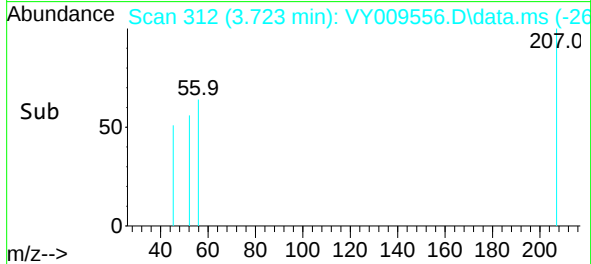


#13
Acrolein
Concen: 30.468 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY009556.D
Acq: 13 Jul 2022 14:06

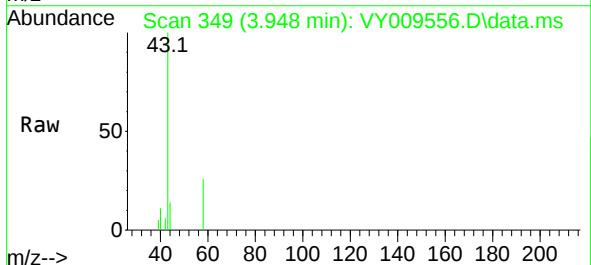
Instrument : MSVOA_Y
ClientSampleId : 20220511-FIELD-DUPLICATE-COMPRE



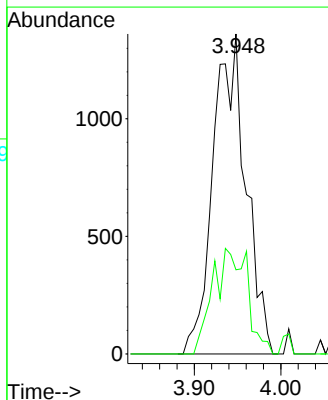
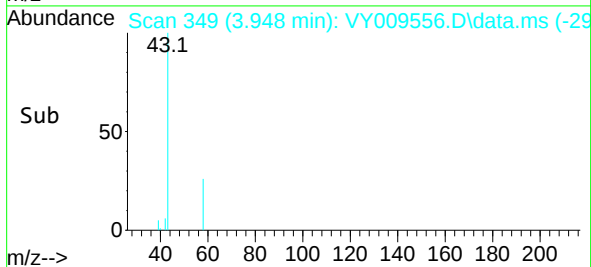
Tgt Ion: 56 Resp: 27
Ion Ratio Lower Upper
56 100
55 507.4 57.6 86.4#

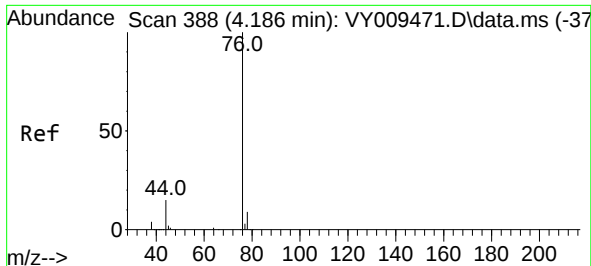


#16
Acetone
Concen: 11.271 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.012 min
Lab File: VY009556.D
Acq: 13 Jul 2022 14:06



Tgt Ion: 43 Resp: 3572
Ion Ratio Lower Upper
43 100
58 26.3 22.0 33.0

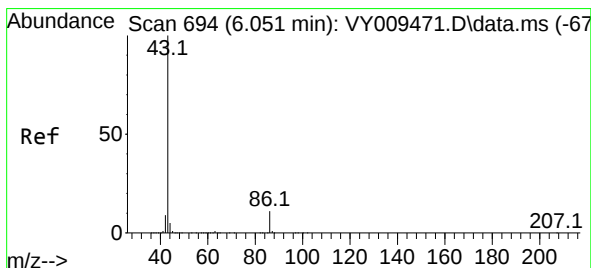
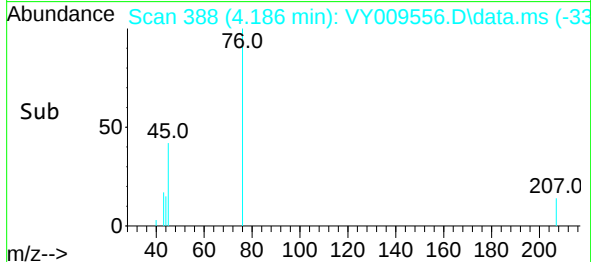
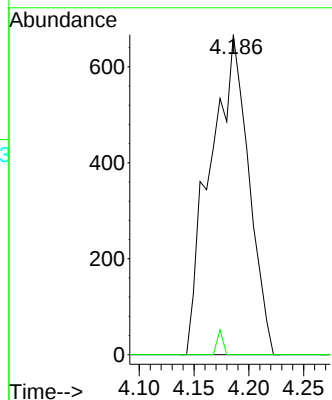
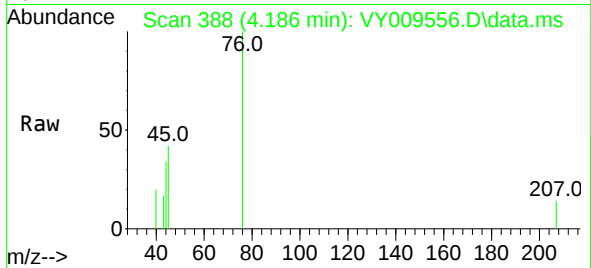




#17
Carbon Disulfide
Concen: 4.839 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY009556.D
Acq: 13 Jul 2022 14:06

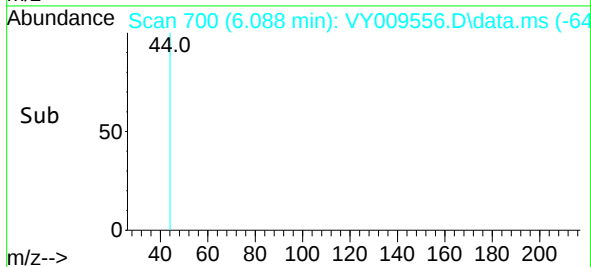
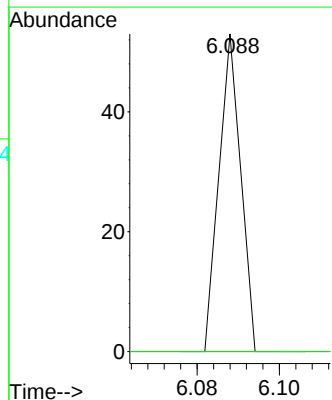
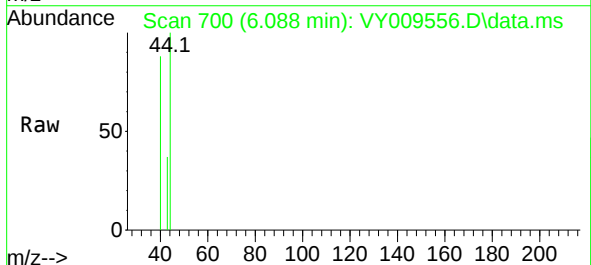
Instrument : MSVOA_Y
ClientSampleId : 20220511-FIELD-DUPLICATE-COMPRE

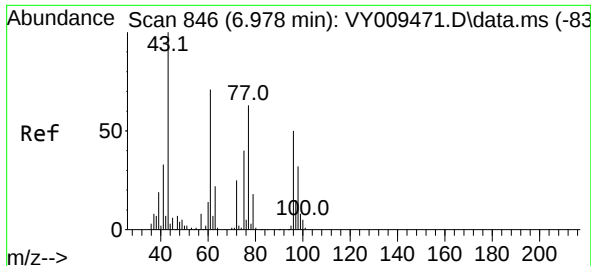
Tgt Ion: 76 Resp: 1624
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#23
Vinyl Acetate
Concen: Below Cal
RT: 6.088 min Scan# 700
Delta R.T. 0.037 min
Lab File: VY009556.D
Acq: 13 Jul 2022 14:06

Tgt Ion: 43 Resp: 19
Ion Ratio Lower Upper
43 100
86 0.0 7.1 10.7#

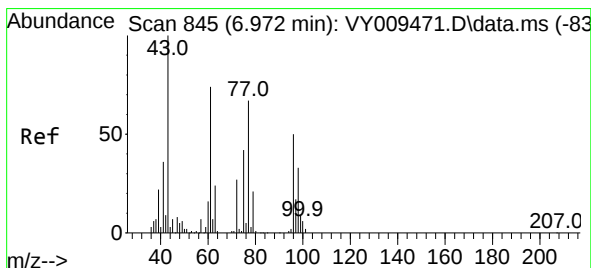
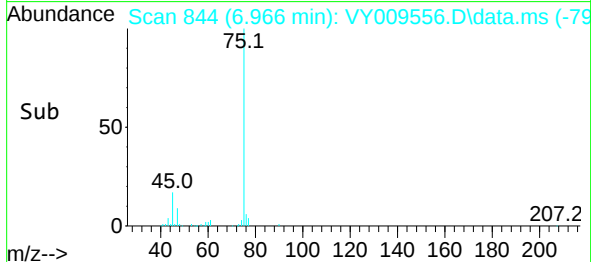
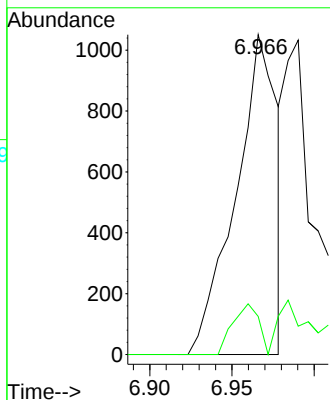
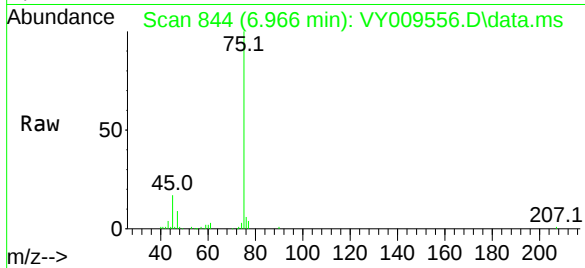




#25
2-Butanone
Concen: 3.583 ug/l
RT: 6.966 min Scan# 845
Delta R.T. -0.012 min
Lab File: VY009556.D
Acq: 13 Jul 2022 14:06

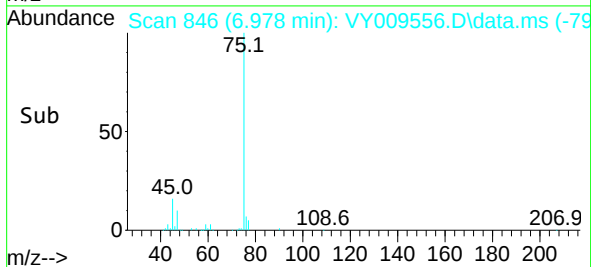
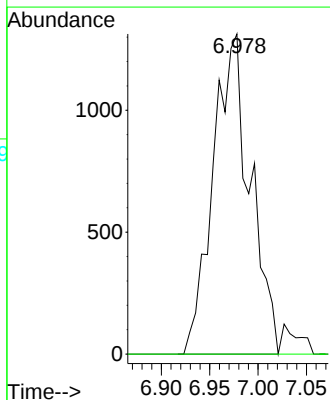
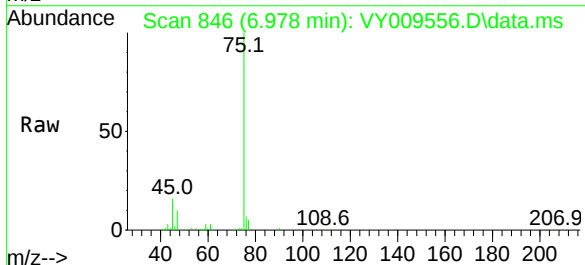
Instrument : MSVOA_Y
ClientSampleId : 20220511-FIELD-DUPLICATE-COMPRE

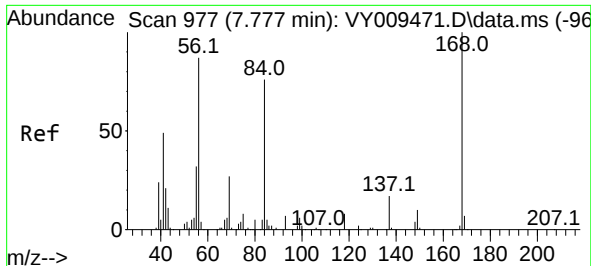
Tgt Ion: 43 Resp: 1837
Ion Ratio Lower Upper
43 100
72 11.9 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 1.617 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY009556.D
Acq: 13 Jul 2022 14:06

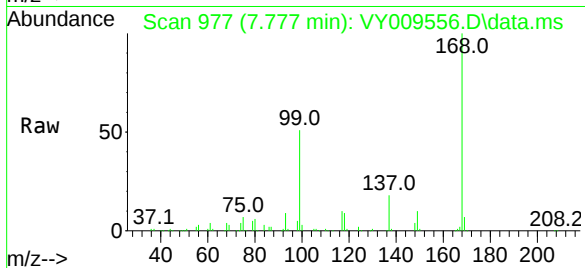
Tgt Ion: 77 Resp: 3503
Ion Ratio Lower Upper
77 100
97 0.0 10.4 31.4#



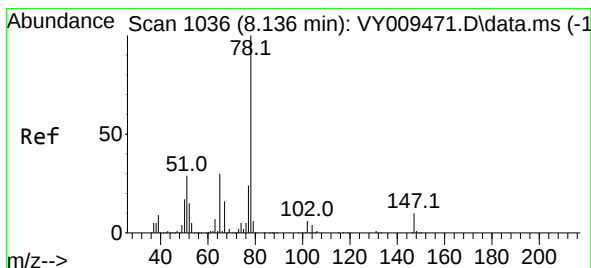
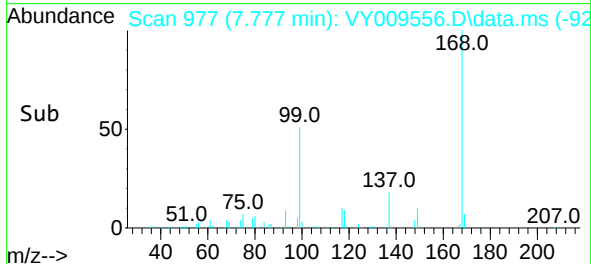
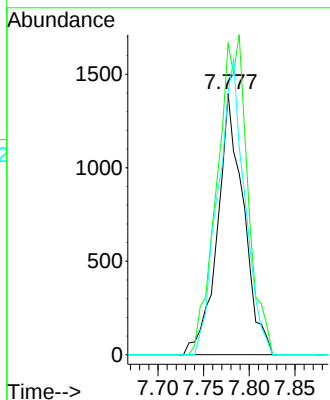


#31
Cyclohexane
Concen: 1.297 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009556.D
Acq: 13 Jul 2022 14:06

Instrument :
MSVOA_Y
ClientSampleId :
20220511-FIELD-DUPLICATE-COMP

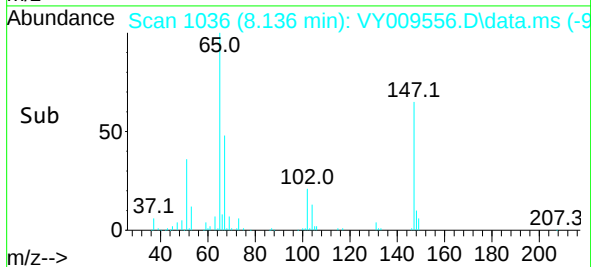
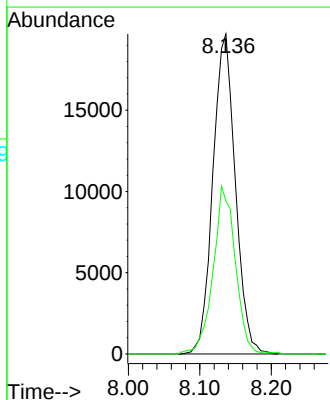
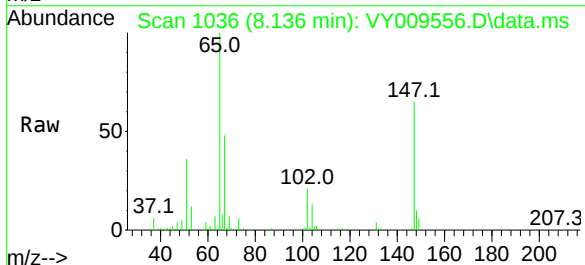


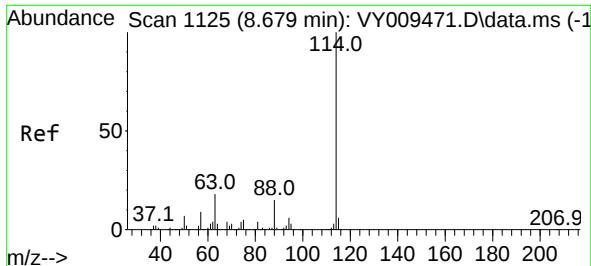
Tgt Ion: 56 Resp: 2772
Ion Ratio Lower Upper
56 100
69 119.0 26.7 40.1#
84 100.4 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 46.305 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009556.D
Acq: 13 Jul 2022 14:06

Tgt Ion: 65 Resp: 42935
Ion Ratio Lower Upper
65 100
67 52.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VY009556.D

Acq: 13 Jul 2022 14:06

Instrument :

MSVOA_Y

ClientSampleId :

20220511-FIELD-DUPLICATE-COMP

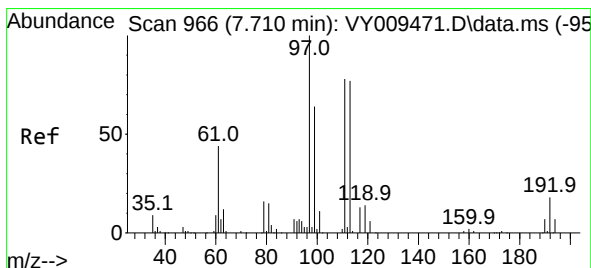
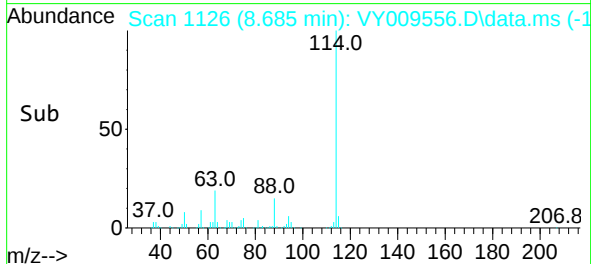
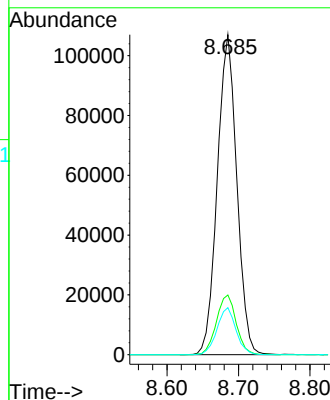
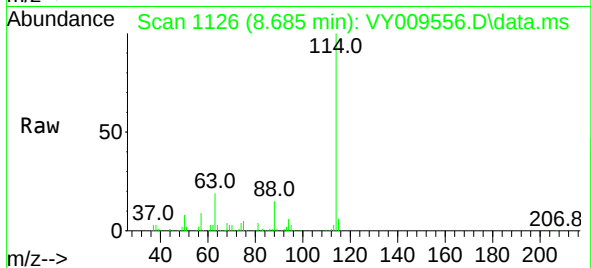
Tgt Ion:114 Resp: 202761

Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

88 14.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 42.530 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009556.D

Acq: 13 Jul 2022 14:06

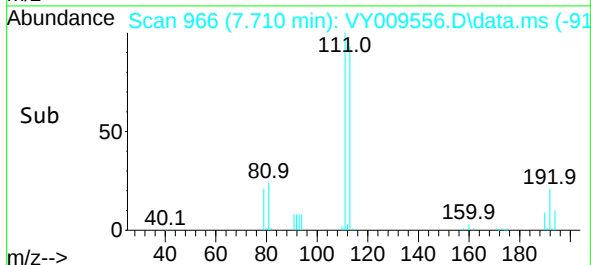
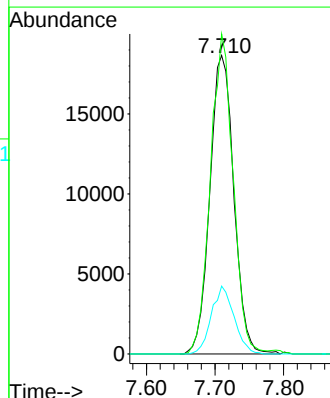
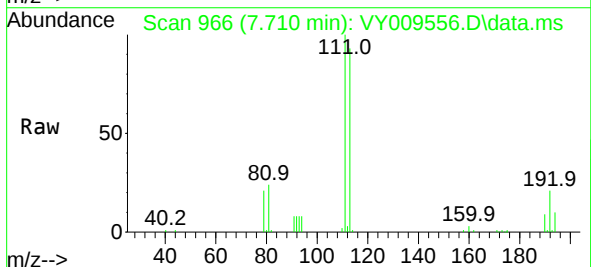
Tgt Ion:113 Resp: 45374

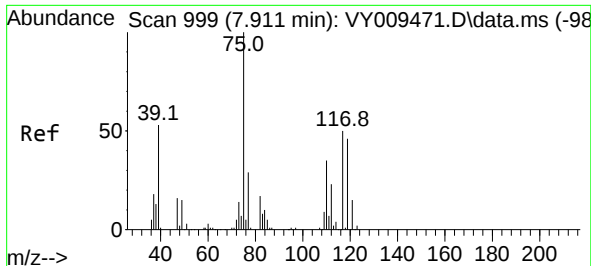
Ion Ratio Lower Upper

113 100

111 101.6 82.6 124.0

192 21.5 17.6 26.4

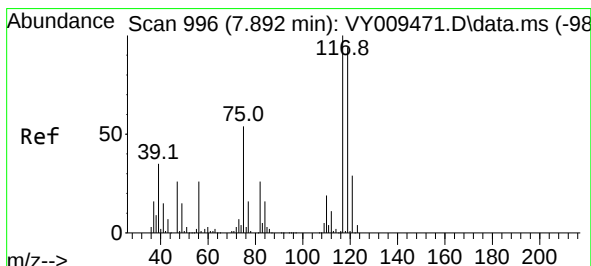
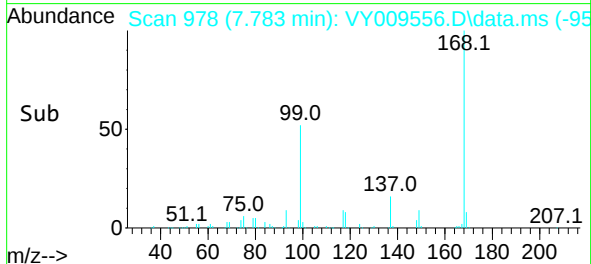
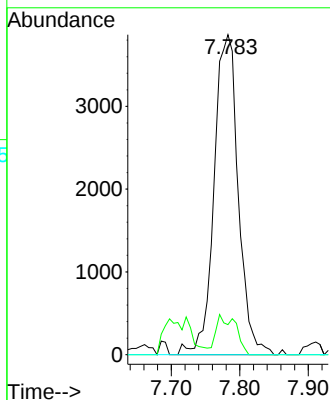
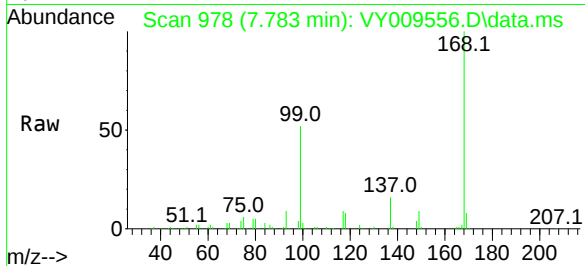




#36
1,1-Dichloropropene
Concen: 5.448 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY009556.D
Acq: 13 Jul 2022 14:06

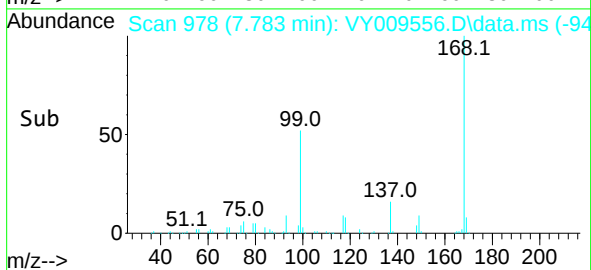
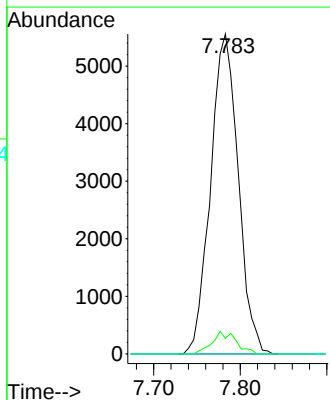
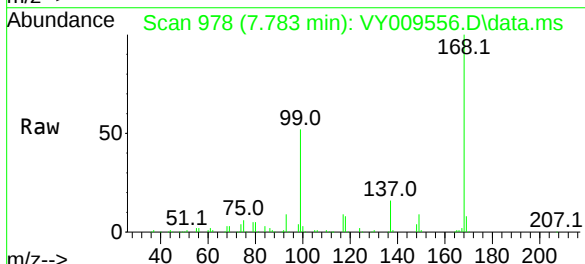
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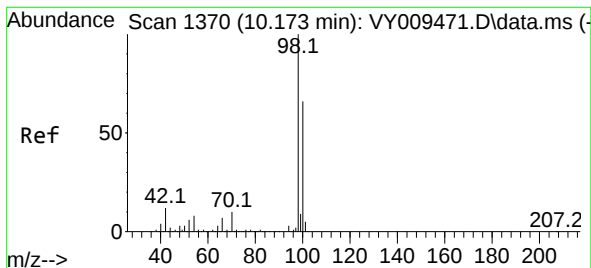
Tgt Ion: 75 Resp: 9462
Ion Ratio Lower Upper
75 100
110 10.2 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.638 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.109 min
Lab File: VY009556.D
Acq: 13 Jul 2022 14:06

Tgt Ion: 117 Resp: 12331
Ion Ratio Lower Upper
117 100
119 4.9 77.9 116.9#
121 0.0 24.8 37.2#

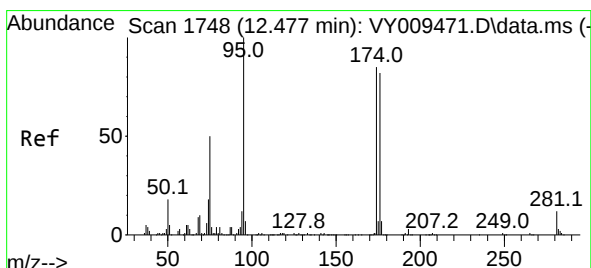
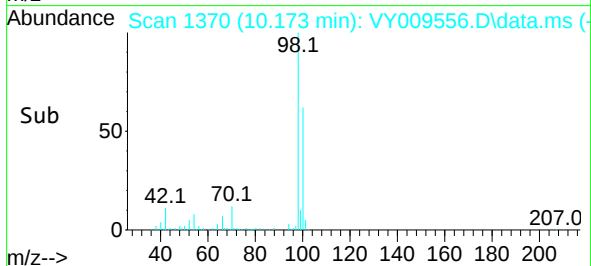
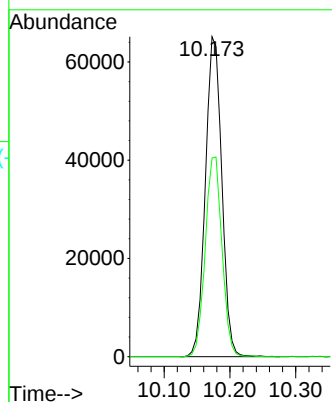
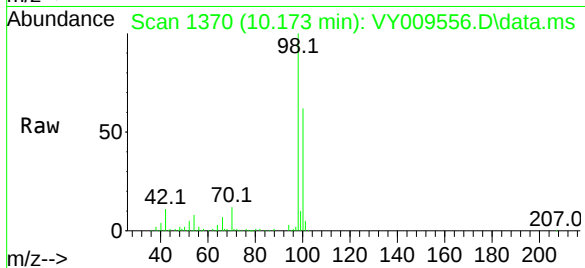




#50
Toluene-d8
Concen: 36.515 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009556.D
Acq: 13 Jul 2022 14:06

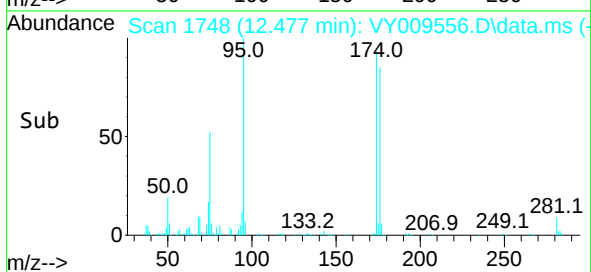
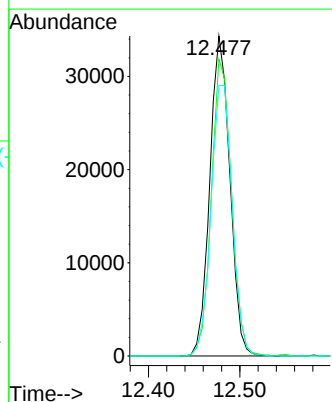
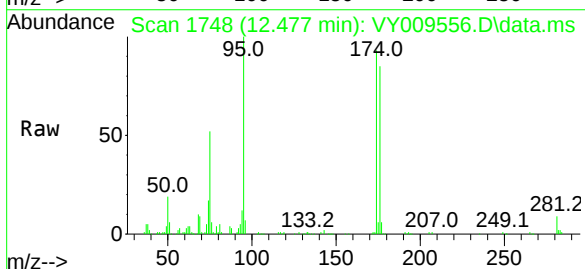
Instrument :
MSVOA_Y
ClientSampleId :
20220511-FIELD-DUPLICATE-COMP

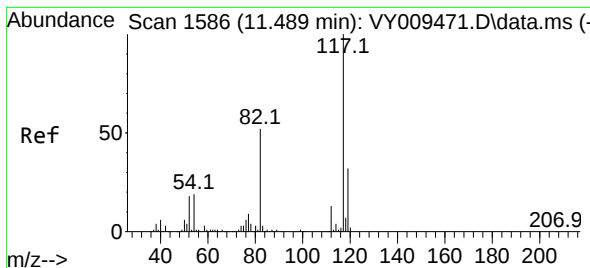
Tgt Ion: 98 Resp: 113217
Ion Ratio Lower Upper
98 100
100 63.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 34.678 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009556.D
Acq: 13 Jul 2022 14:06

Tgt Ion: 95 Resp: 52224
Ion Ratio Lower Upper
95 100
174 92.8 0.0 177.0
176 89.9 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY009556.D

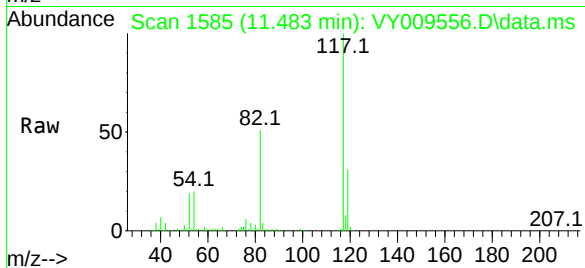
Acq: 13 Jul 2022 14:06

Instrument :

MSVOA_Y

ClientSampleId :

20220511-FIELD-DUPLICATE-COMPRE



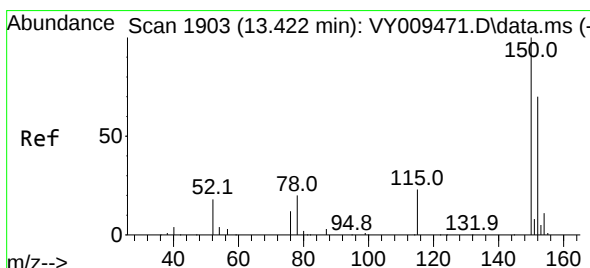
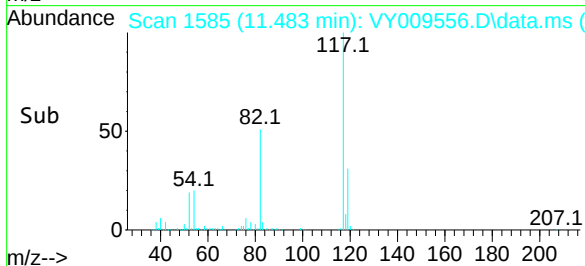
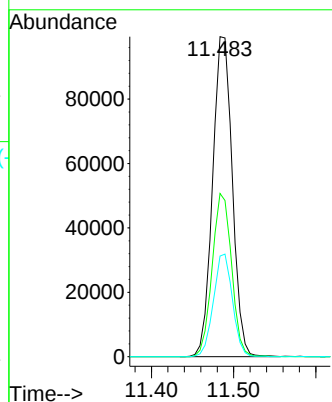
Tgt Ion:117 Resp: 165658

Ion Ratio Lower Upper

117 100

82 51.0 43.0 64.4

119 31.4 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: VY009556.D

Acq: 13 Jul 2022 14:06

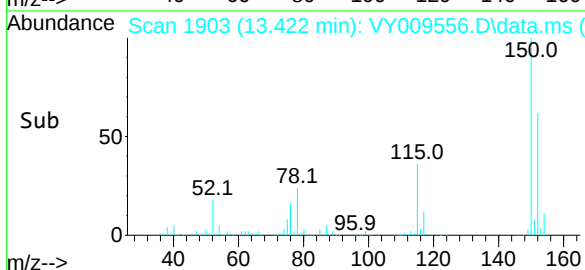
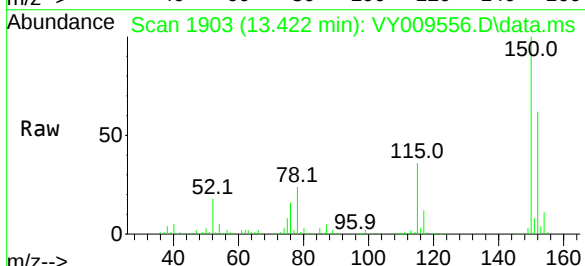
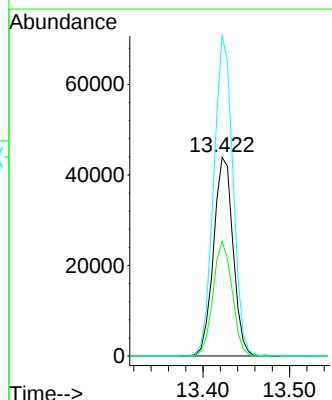
Tgt Ion:152 Resp: 68671

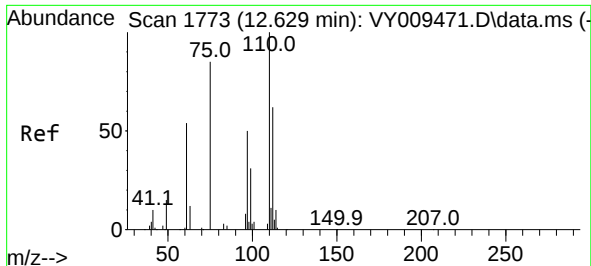
Ion Ratio Lower Upper

152 100

115 56.3 28.2 84.7

150 158.8 0.0 347.6

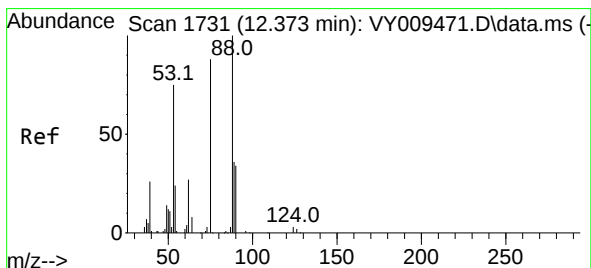
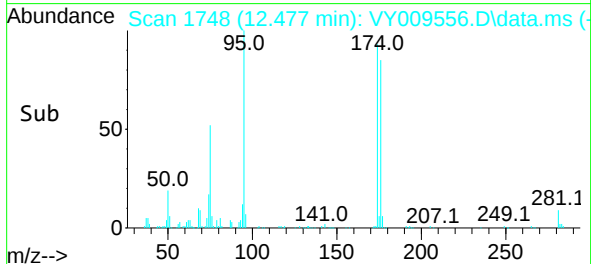
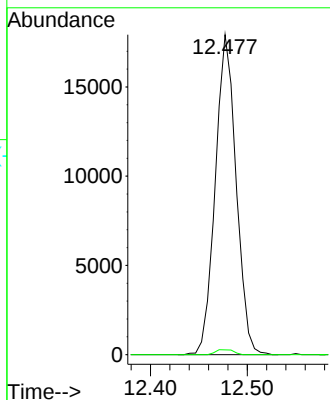
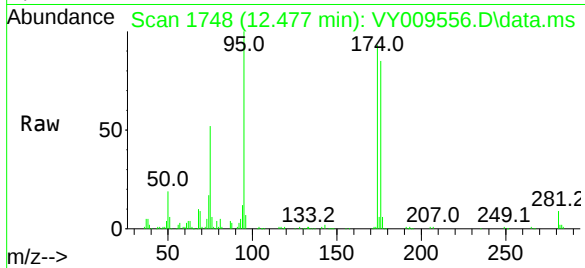




#76
1,2,3-Trichloropropane
Concen: 36.918 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009556.D
Acq: 13 Jul 2022 14:06

Instrument : MSVOA_Y
ClientSampleId : 20220511-FIELD-DUPLICATE-COMP

Tgt Ion: 75 Resp: 26837
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.558 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009556.D
Acq: 13 Jul 2022 14:06

Tgt Ion: 75 Resp: 26837
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

