

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072122\
 Data File : VY009643.D
 Acq On : 21 Jul 2022 19:11
 Operator : KP/MD
 Sample : N3833-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-072122

Quant Time: Jul 22 02:31:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

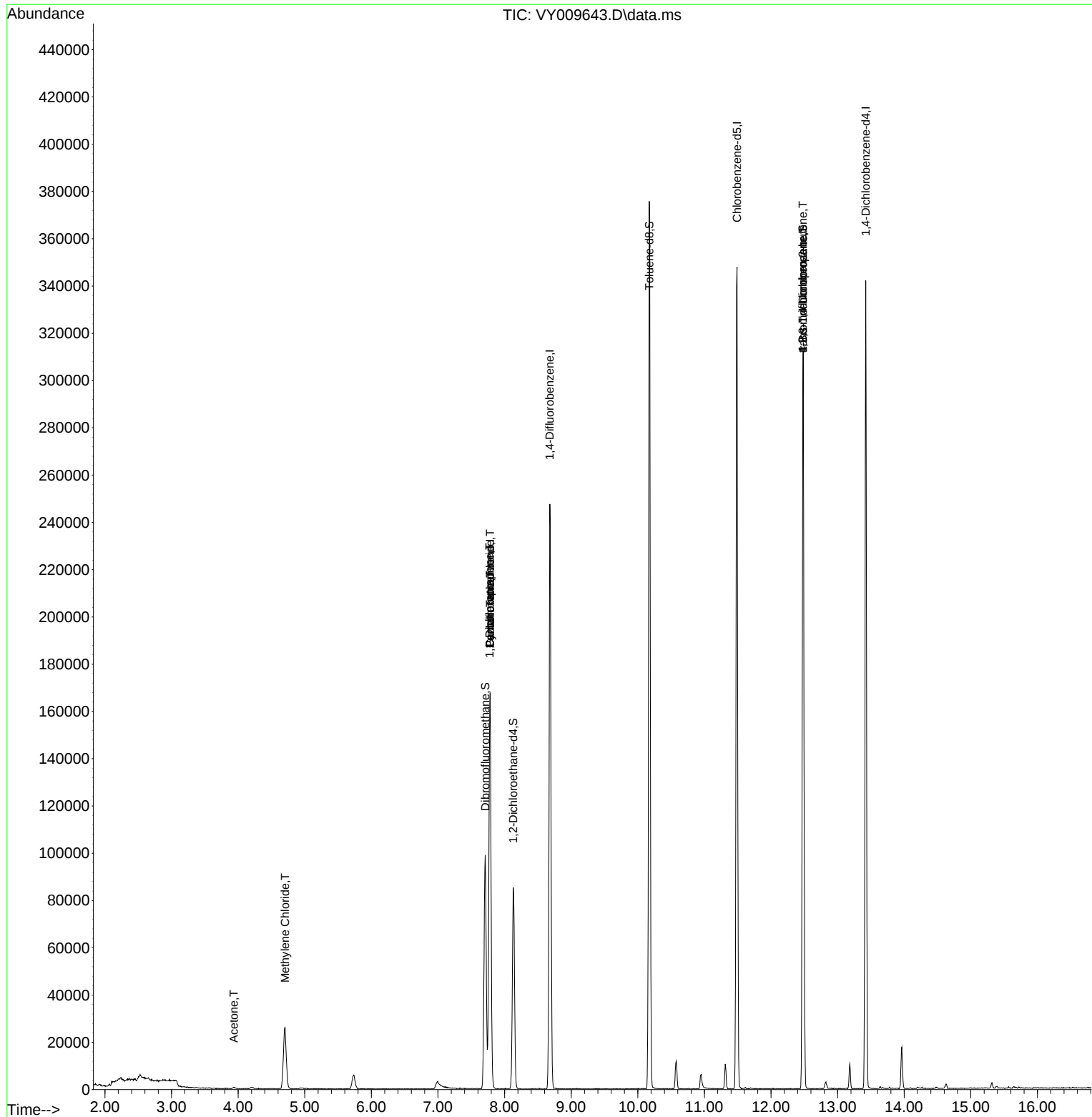
Internal Standards						
1) Pentafluorobenzene	7.783	168	140338	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	218706	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	200163	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	90185	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	65984	49.715	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.420%
35) Dibromofluoromethane	7.710	113	69229	50.245	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.480%
50) Toluene-d8	10.173	98	250043	47.206	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	94.420%
62) 4-Bromofluorobenzene	12.477	95	74988	43.691	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	87.380%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	385	Below Cal	#	77
16) Acetone	3.936	43	1165	3.470	ug/l	98
20) Methylene Chloride	4.704	84	20336	2.699	ug/l #	80
31) Cyclohexane	7.783	56	2499	1.068	ug/l #	2
36) 1,1-Dichloropropene	7.777	75	9696	4.762	ug/l #	52
38) Carbon Tetrachloride	7.783	117	12556	5.891	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	38035	44.273	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	38035	87.296	ug/l #	7

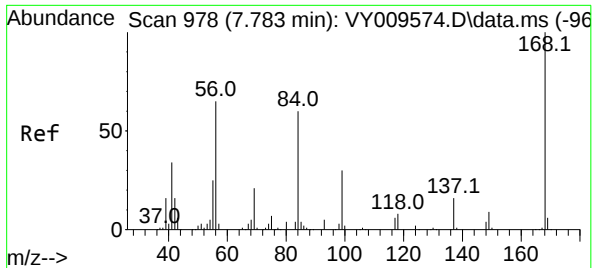
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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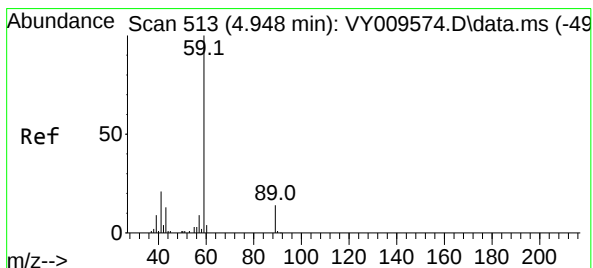
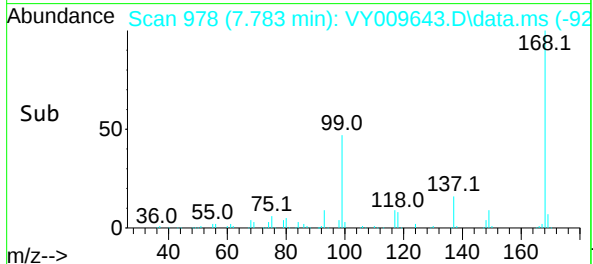
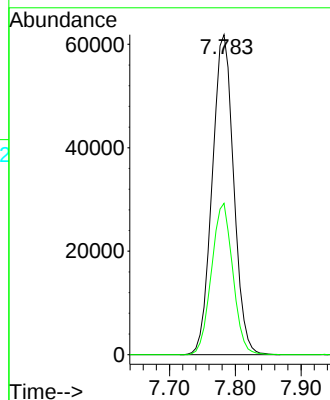
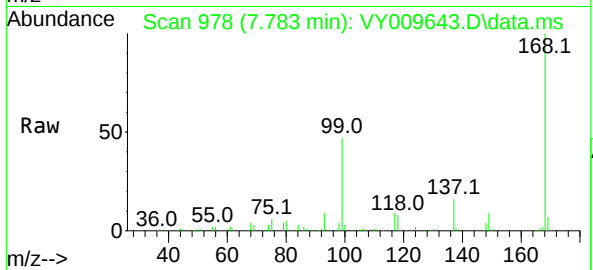




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009643.D
Acq: 21 Jul 2022 19:11

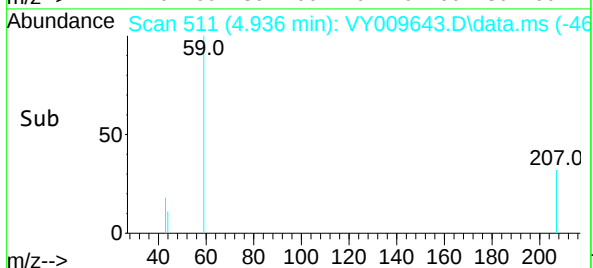
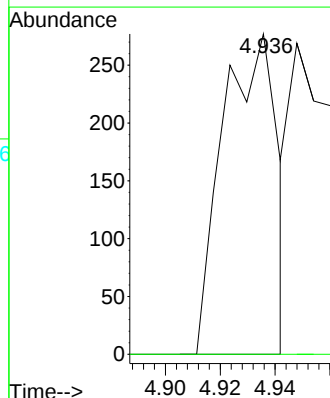
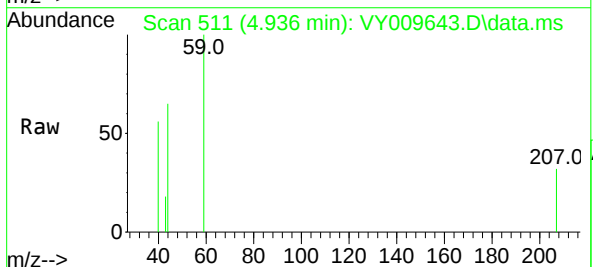
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-072122

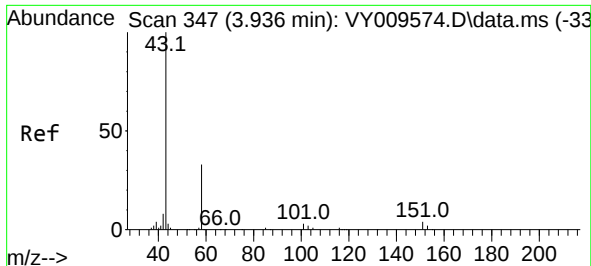
Tgt Ion:168 Resp: 140338
Ion Ratio Lower Upper
168 100
99 47.3 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY009643.D
Acq: 21 Jul 2022 19:11

Tgt Ion: 59 Resp: 385
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

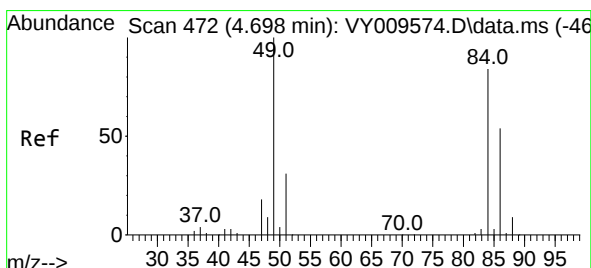
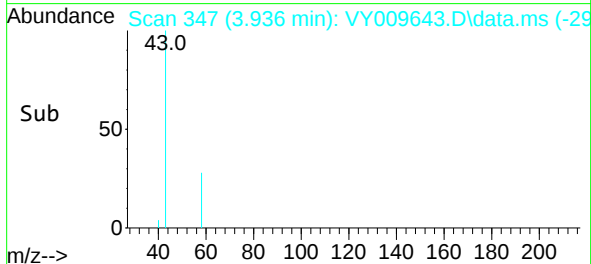
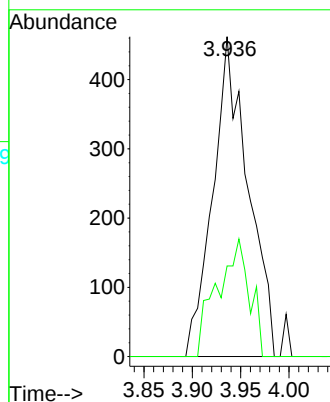
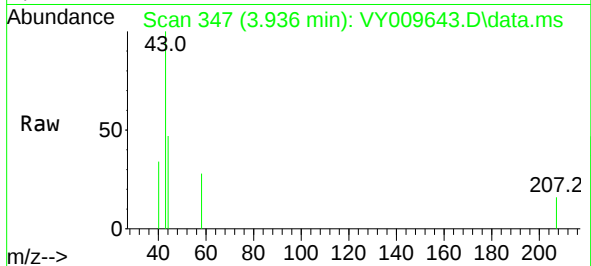




#16
Acetone
Concen: 3.470 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009643.D
Acq: 21 Jul 2022 19:11

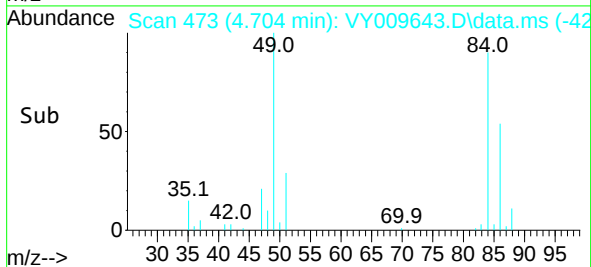
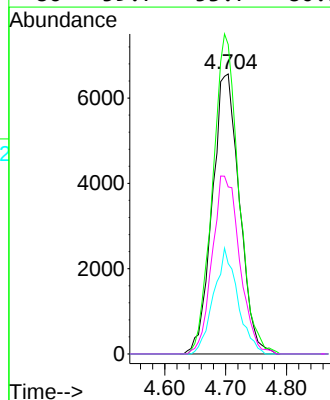
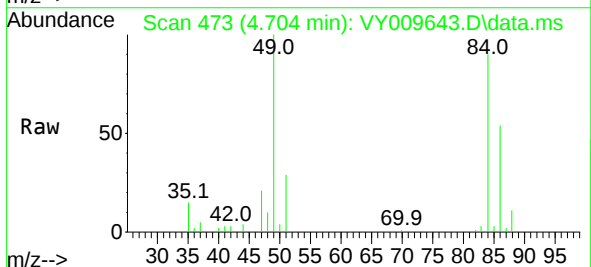
Instrument :
MSVOA_Y
ClientSampleId :
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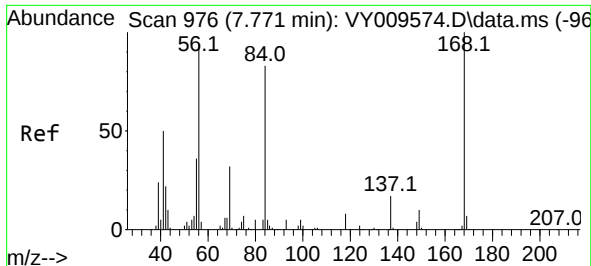
Tgt Ion: 43 Resp: 1165
Ion Ratio Lower Upper
43 100
58 28.4 22.0 33.0



#20
Methylene Chloride
Concen: 2.699 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.006 min
Lab File: VY009643.D
Acq: 21 Jul 2022 19:11

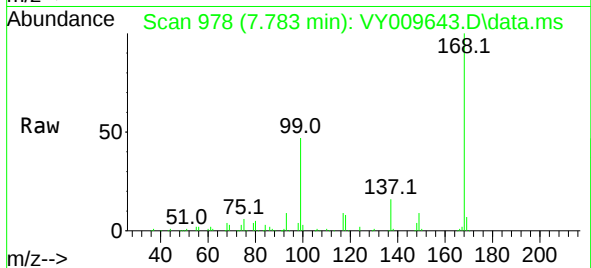
Tgt Ion: 84 Resp: 20336
Ion Ratio Lower Upper
84 100
49 110.6 114.4 171.6#
51 32.3 35.3 52.9#
86 59.7 53.7 80.5



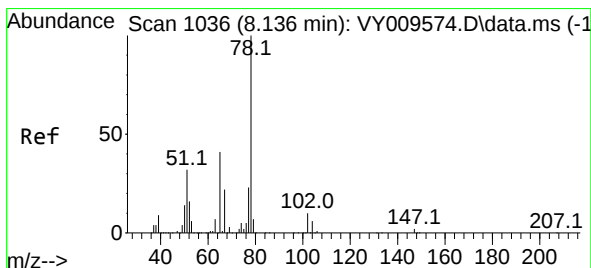
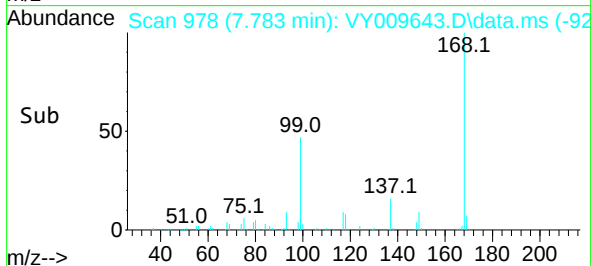
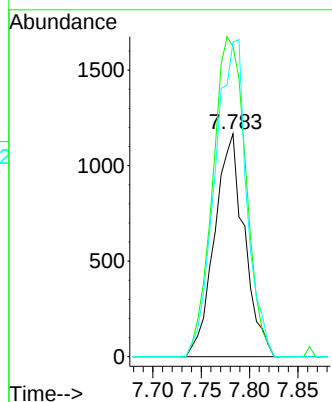


#31
Cyclohexane
Concen: 1.068 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY009643.D
Acq: 21 Jul 2022 19:11

Instrument :
MSVOA_Y
ClientSampleId :
OR-03-072122

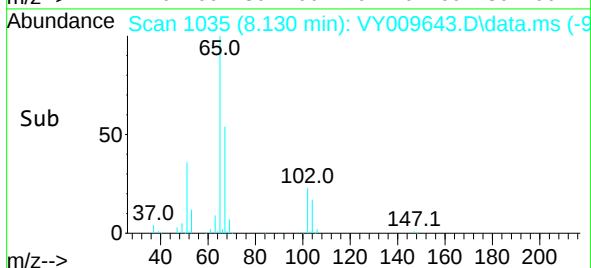
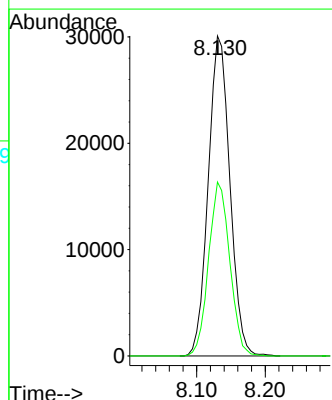
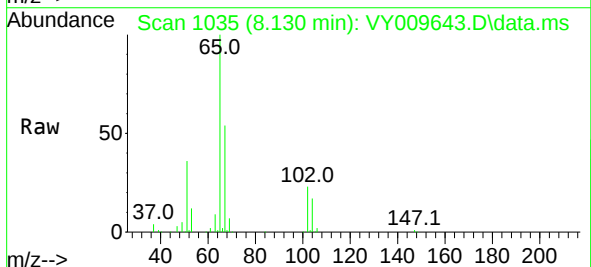


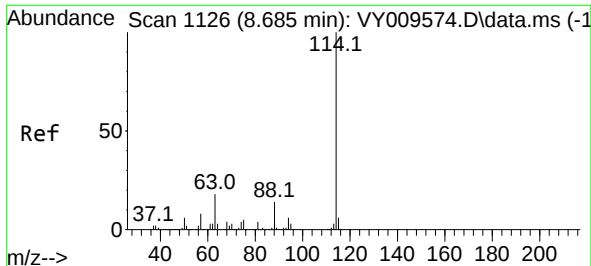
Tgt Ion: 56 Resp: 2499
Ion Ratio Lower Upper
56 100
69 139.2 26.7 40.1#
84 141.1 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 49.715 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009643.D
Acq: 21 Jul 2022 19:11

Tgt Ion: 65 Resp: 65984
Ion Ratio Lower Upper
65 100
67 53.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VY009643.D

Acq: 21 Jul 2022 19:11

Instrument :

MSVOA_Y

ClientSampleId :

OR-03-072122

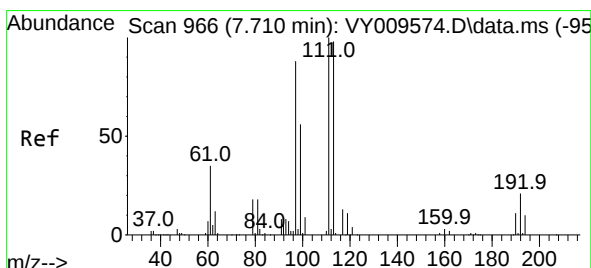
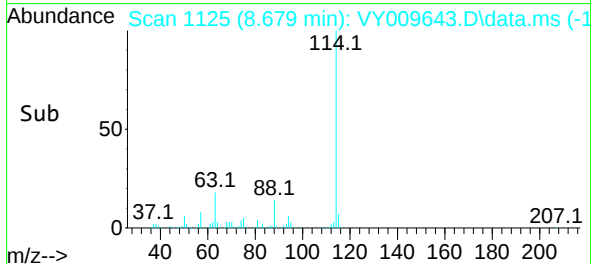
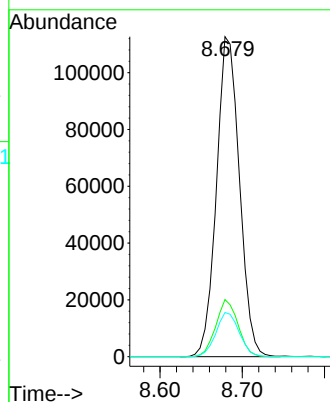
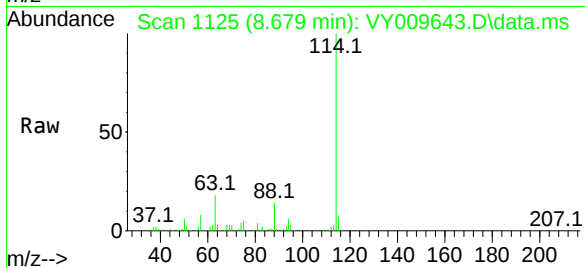
Tgt Ion:114 Resp: 218706

Ion Ratio Lower Upper

114 100

63 17.8 0.0 43.2

88 13.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.245 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009643.D

Acq: 21 Jul 2022 19:11

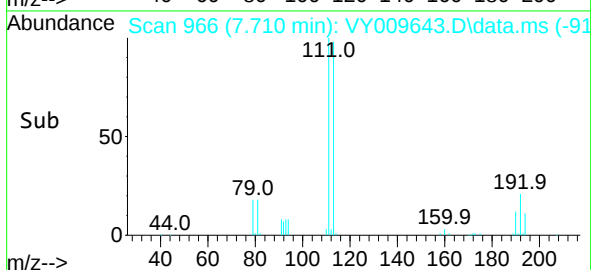
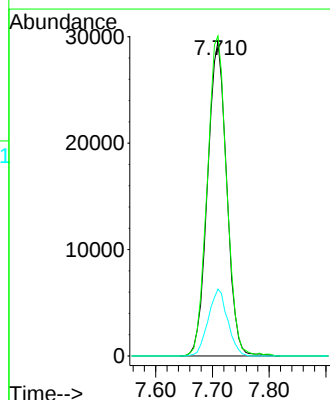
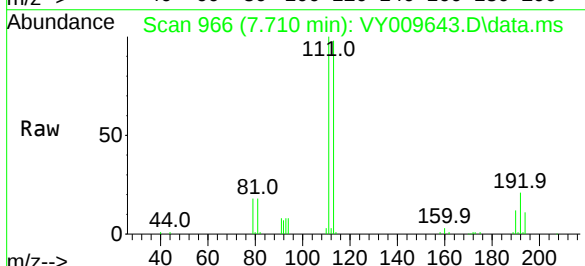
Tgt Ion:113 Resp: 69229

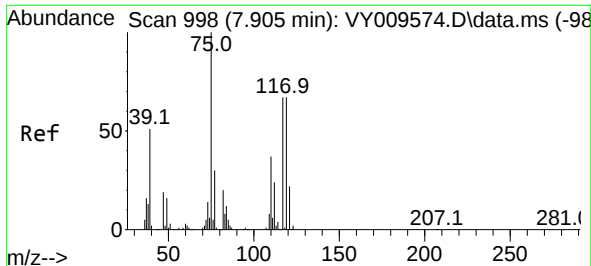
Ion Ratio Lower Upper

113 100

111 102.8 82.6 124.0

192 21.4 17.6 26.4

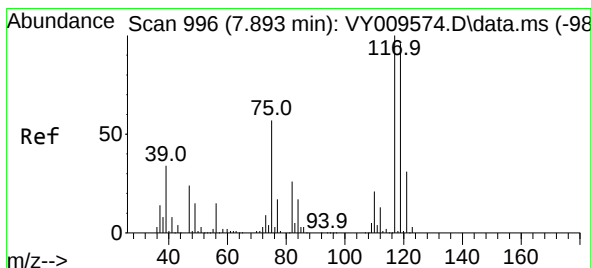
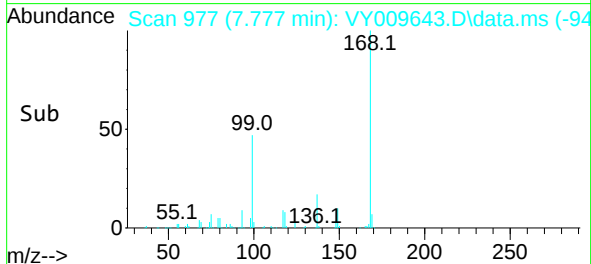
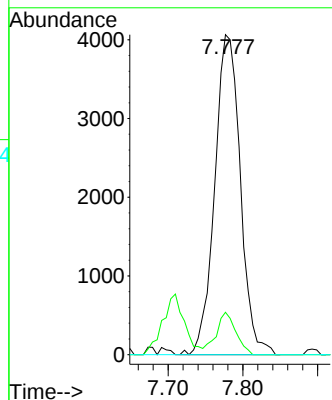
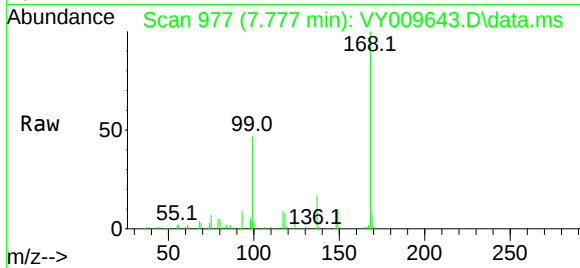




#36
 1,1-Dichloropropene
 Concen: 4.762 ug/l
 RT: 7.777 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY009643.D
 Acq: 21 Jul 2022 19:11

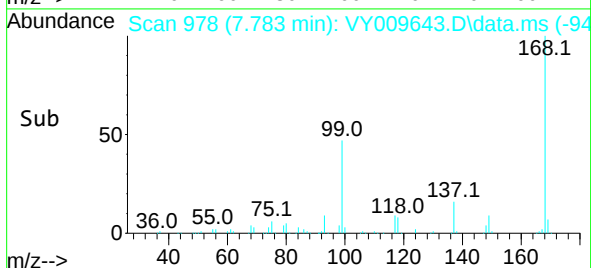
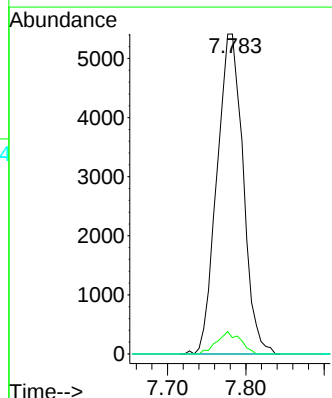
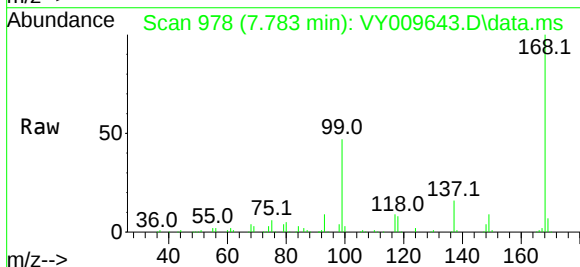
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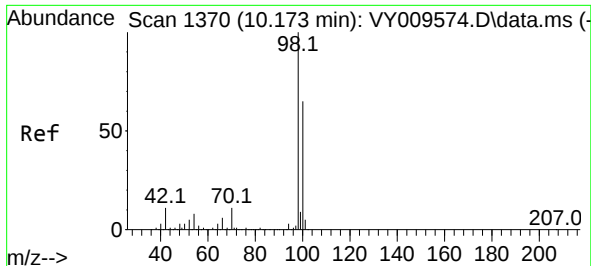
Tgt Ion: 75 Resp: 9696
 Ion Ratio Lower Upper
 75 100
 110 10.2 17.1 51.2#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.891 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.110 min
 Lab File: VY009643.D
 Acq: 21 Jul 2022 19:11

Tgt Ion: 117 Resp: 12556
 Ion Ratio Lower Upper
 117 100
 119 5.1 77.9 116.9#
 121 0.0 24.8 37.2#

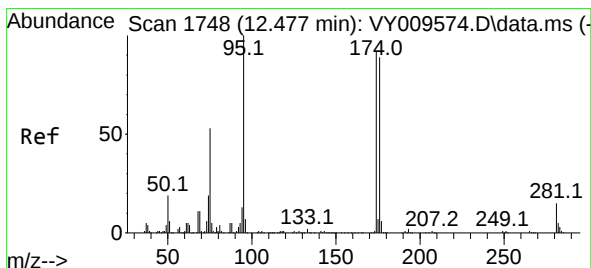
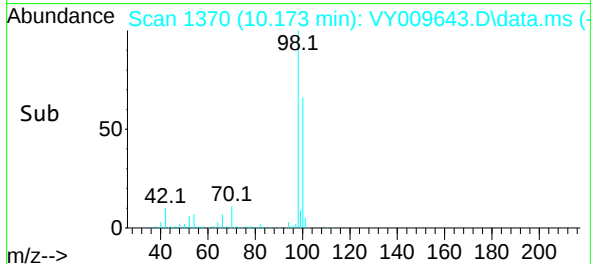
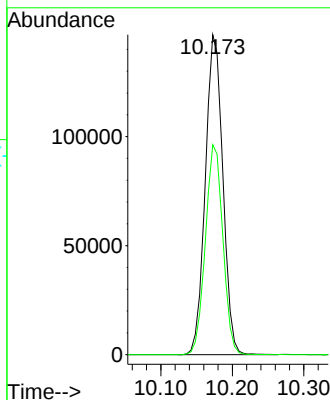
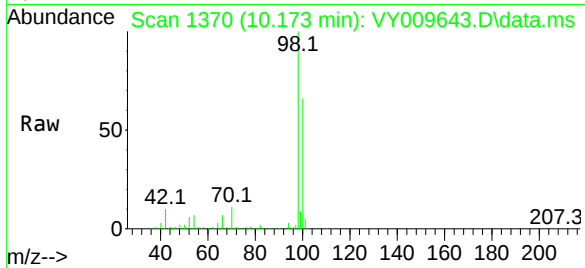




#50
Toluene-d8
Concen: 47.206 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009643.D
Acq: 21 Jul 2022 19:11

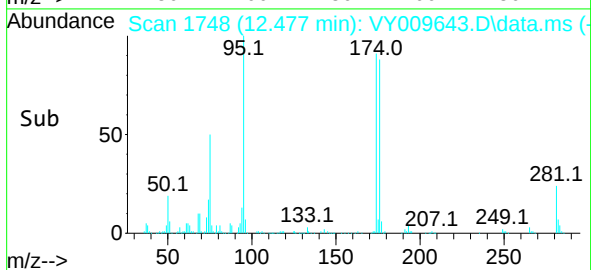
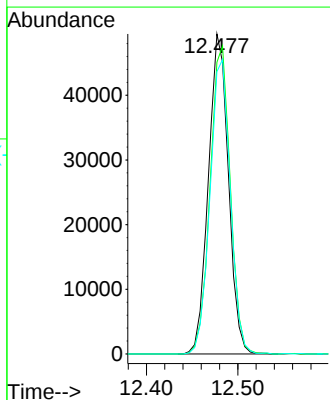
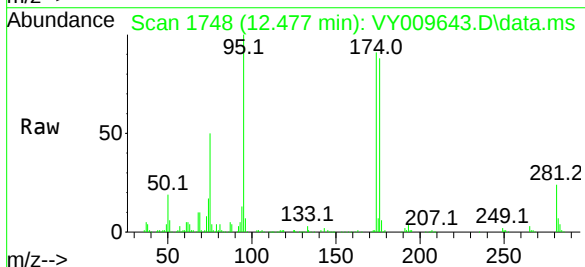
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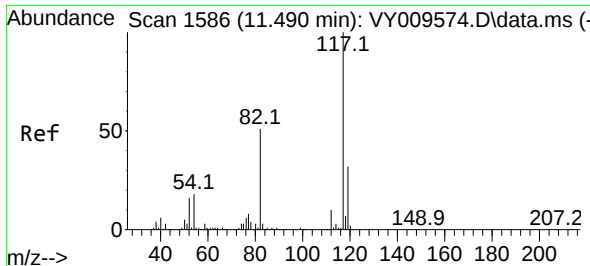
Tgt Ion: 98 Resp: 250043
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 43.691 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009643.D
Acq: 21 Jul 2022 19:11

Tgt Ion: 95 Resp: 74988
Ion Ratio Lower Upper
95 100
174 97.2 0.0 177.0
176 93.6 0.0 175.8

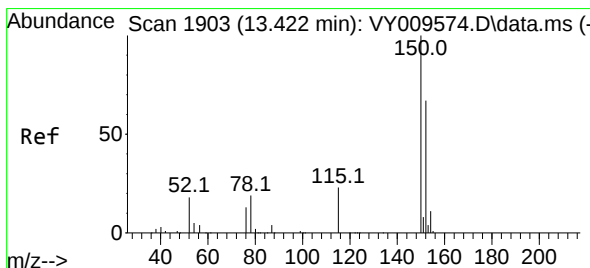
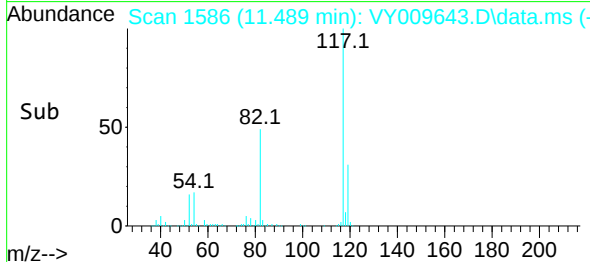
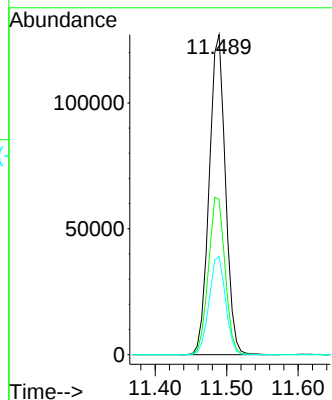
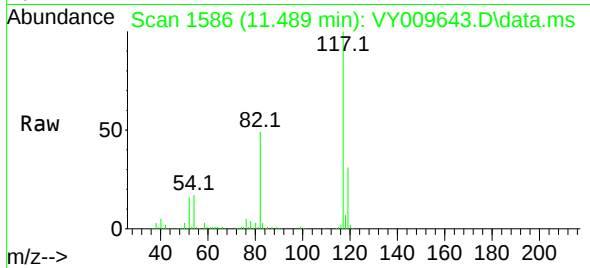




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009643.D
Acq: 21 Jul 2022 19:11

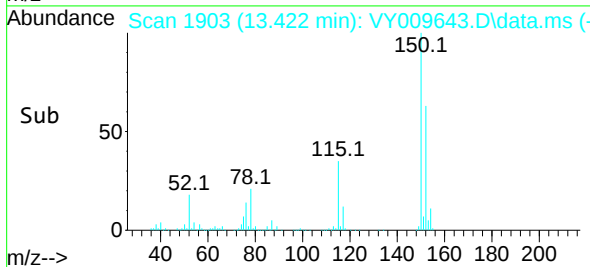
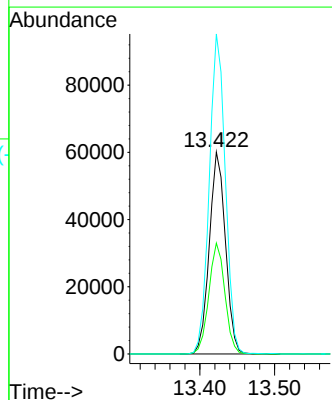
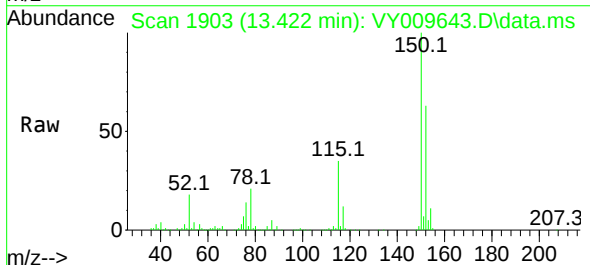
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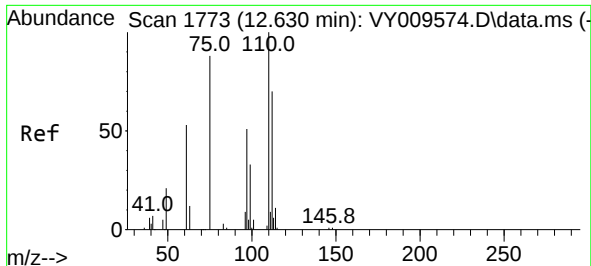
Tgt Ion:117 Resp: 200163
Ion Ratio Lower Upper
117 100
82 48.6 43.0 64.4
119 30.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009643.D
Acq: 21 Jul 2022 19:11

Tgt Ion:152 Resp: 90185
Ion Ratio Lower Upper
152 100
115 54.6 28.2 84.7
150 157.3 0.0 347.6

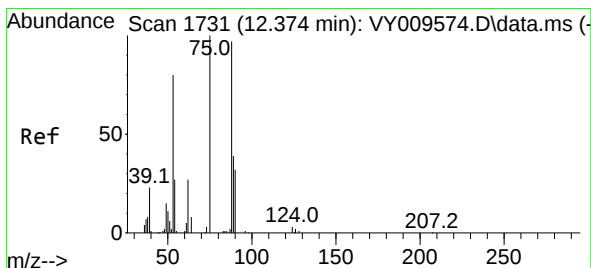
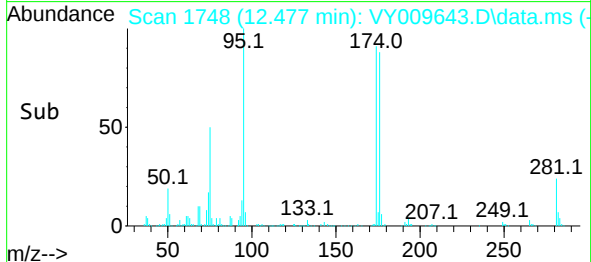
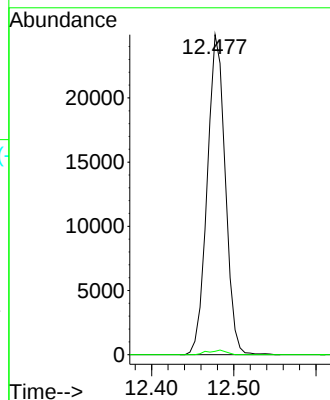
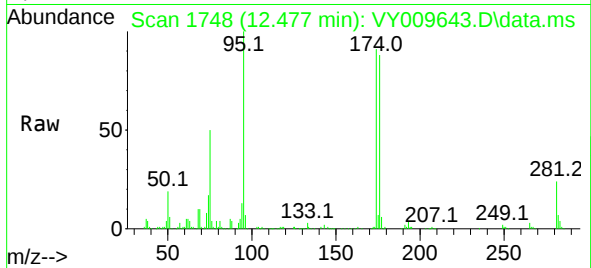




#76
1,2,3-Trichloropropane
Concen: 44.273 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.153 min
Lab File: VY009643.D
Acq: 21 Jul 2022 19:11

Instrument :
MSVOA_Y
ClientSampleId :
OR-03-072122

Tgt Ion: 75 Resp: 38035
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.296 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009643.D
Acq: 21 Jul 2022 19:11

Tgt Ion: 75 Resp: 38035
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.4 37.0 55.4#

