

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072822\
 Data File : VY009762.D
 Acq On : 28 Jul 2022 19:34
 Operator : KP/MD
 Sample : N3881-01
 Misc : 9.14g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 4299E

Quant Time: Jul 29 02:58:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

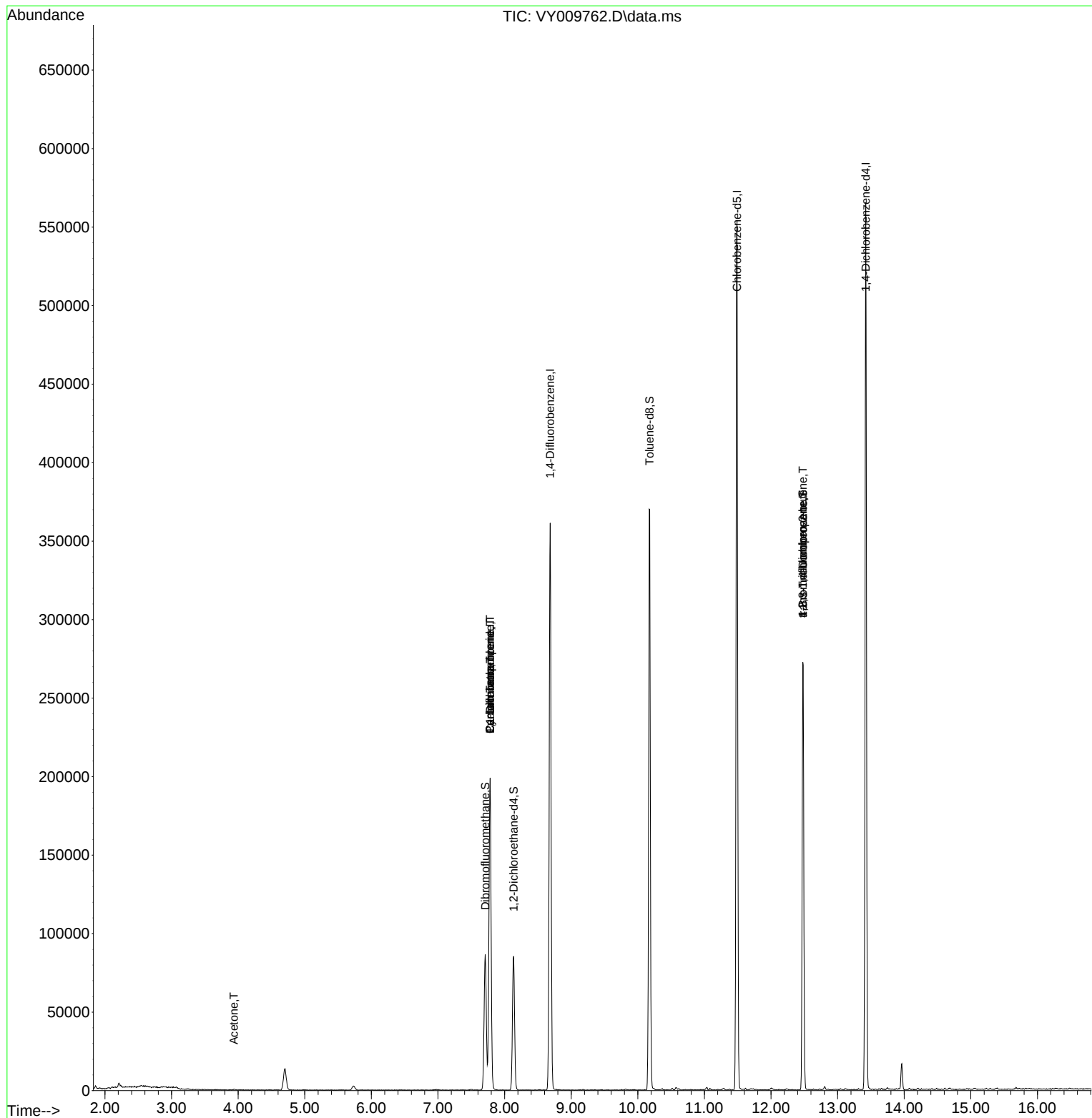
Internal Standards						
1) Pentafluorobenzene	7.783	168	162504	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	319636	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	320900	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	147622	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	65951	62.237	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.480%
35) Dibromofluoromethane	7.710	113	60388	34.737	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	69.480%
50) Toluene-d8	10.179	98	249589	49.233	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	98.460%
62) 4-Bromofluorobenzene	12.477	95	76077	33.004	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	66.000%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	22	Below Cal	#	77
16) Acetone	3.936	43	534	1.374	ug/l	92
18) Methyl Acetate	4.454	43	80	Below Cal	#	56
20) Methylene Chloride	4.698	84	10256	Below Cal	#	83
31) Cyclohexane	7.783	56	3016	1.166	ug/l	# 5
36) 1,1-Dichloropropene	7.783	75	10877	3.845	ug/l	# 51
38) Carbon Tetrachloride	7.783	117	14687	4.846	ug/l	# 17
76) 1,2,3-Trichloropropane	12.477	75	38785	28.286	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	38785	56.381	ug/l	# 7

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

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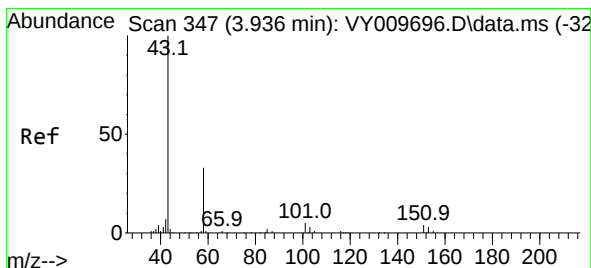
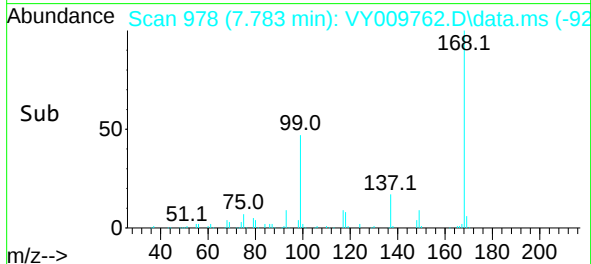
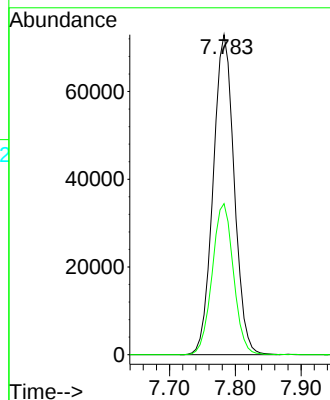
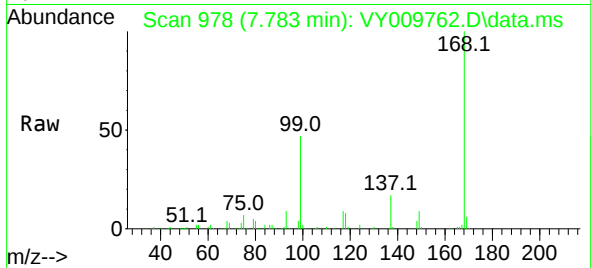




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009762.D
Acq: 28 Jul 2022 19:34

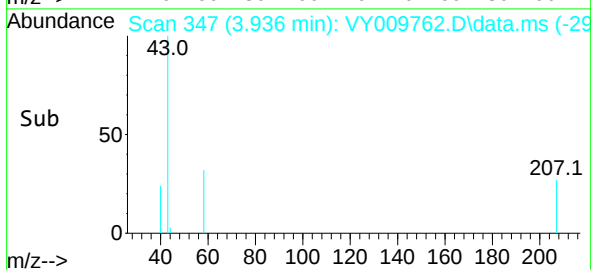
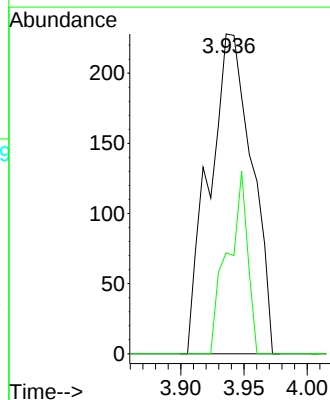
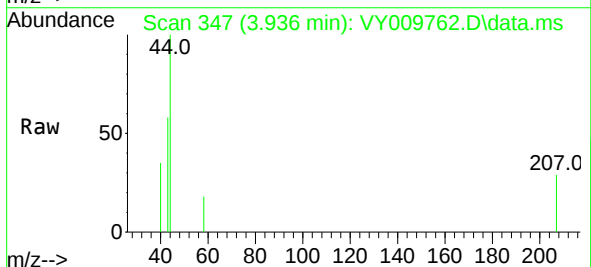
Instrument :
MSVOA_Y
ClientSampleId :
4299E

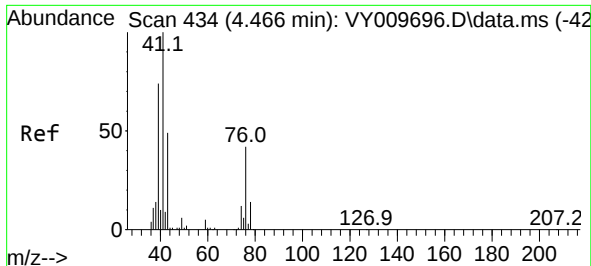
Tgt Ion:168 Resp: 162504
Ion Ratio Lower Upper
168 100
99 47.2 46.9 70.3



#16
Acetone
Concen: 1.374 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009762.D
Acq: 28 Jul 2022 19:34

Tgt Ion: 43 Resp: 534
Ion Ratio Lower Upper
43 100
58 31.6 22.0 33.0

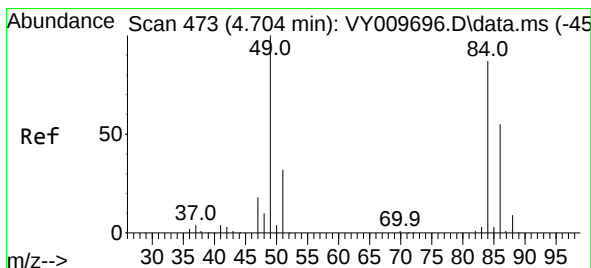
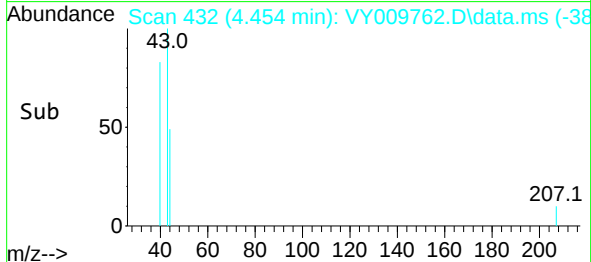
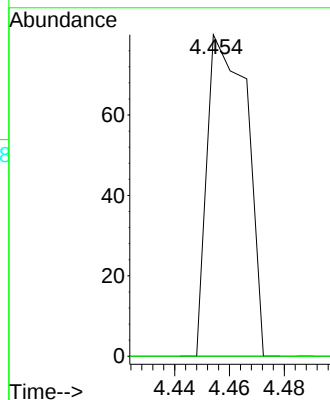
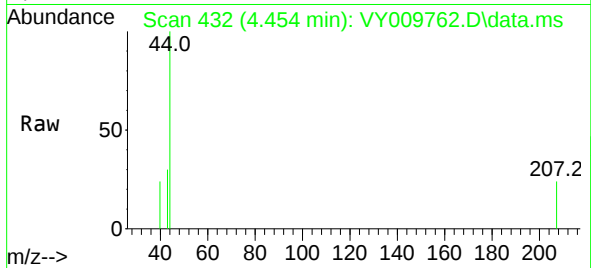




#18
Methyl Acetate
Concen: Below Cal
RT: 4.454 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY009762.D
Acq: 28 Jul 2022 19:34

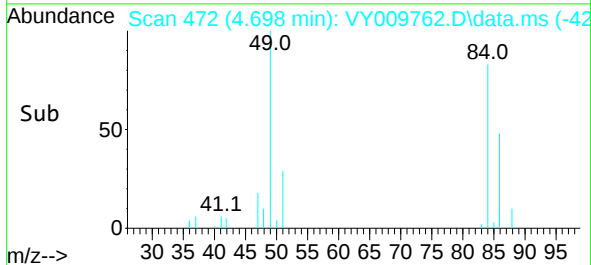
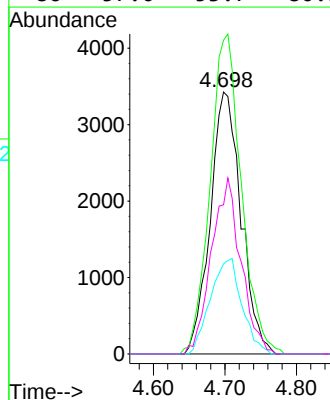
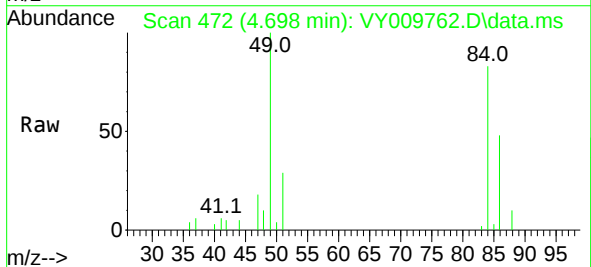
Instrument :
MSVOA_Y
ClientSampleId :
4299E

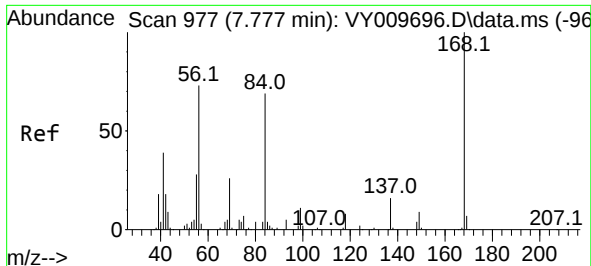
Tgt Ion: 43 Resp: 80
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY009762.D
Acq: 28 Jul 2022 19:34

Tgt Ion: 84 Resp: 10256
Ion Ratio Lower Upper
84 100
49 119.8 114.4 171.6
51 34.4 35.3 52.9#
86 57.0 53.7 80.5

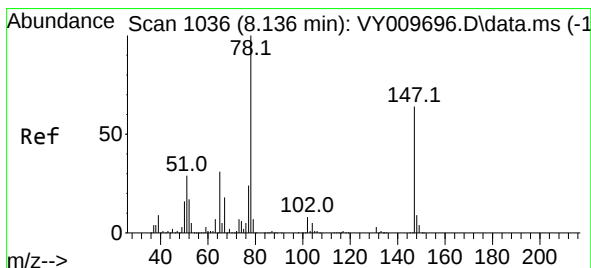
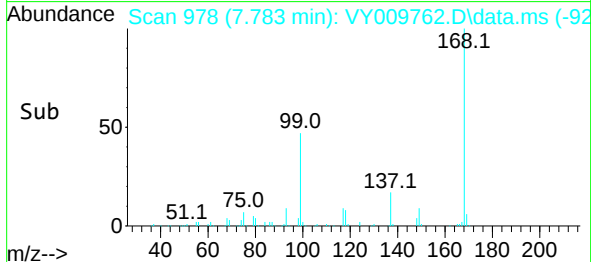
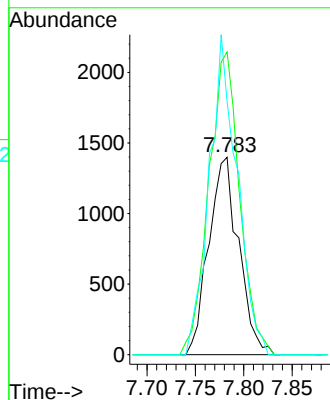
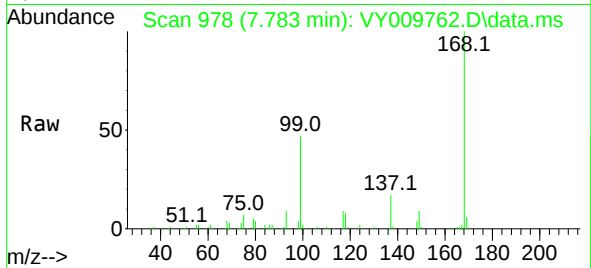




#31
Cyclohexane
Concen: 1.166 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009762.D
Acq: 28 Jul 2022 19:34

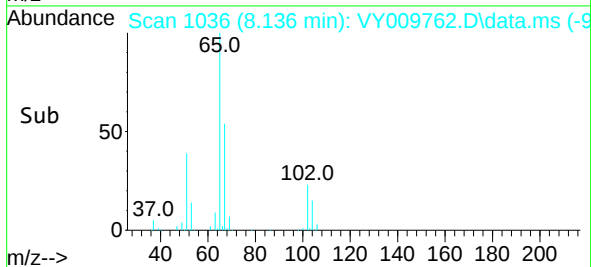
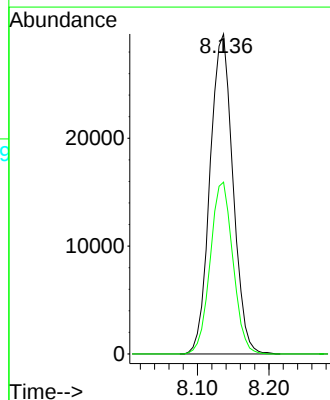
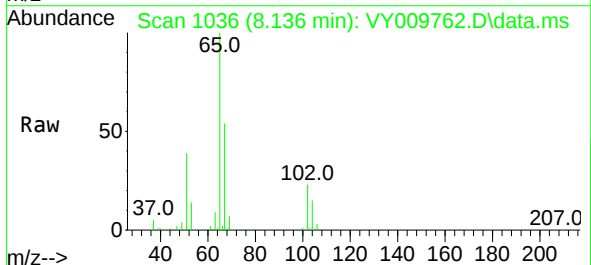
Instrument :
MSVOA_Y
ClientSampleId :
4299E

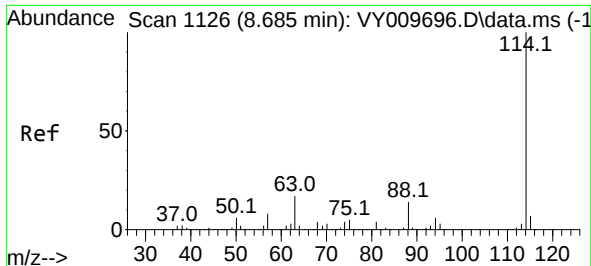
Tgt Ion: 56 Resp: 3016
Ion Ratio Lower Upper
56 100
69 153.3 26.7 40.1#
84 128.2 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 62.237 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009762.D
Acq: 28 Jul 2022 19:34

Tgt Ion: 65 Resp: 65951
Ion Ratio Lower Upper
65 100
67 53.3 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: VY009762.D

Acq: 28 Jul 2022 19:34

Instrument :

MSVOA_Y

ClientSampleId :

4299E

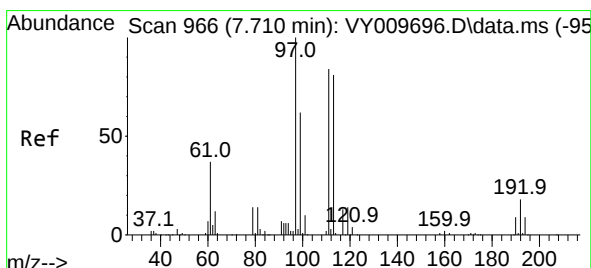
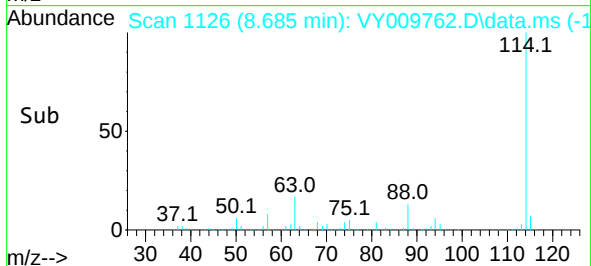
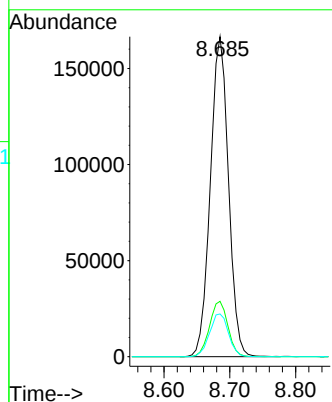
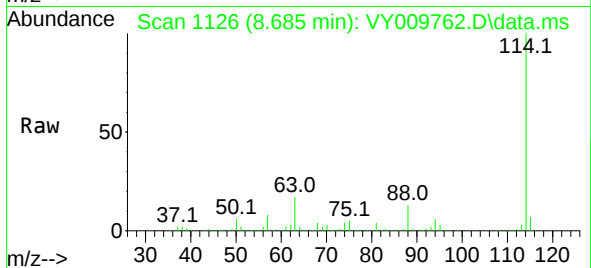
Tgt Ion:114 Resp: 319636

Ion Ratio Lower Upper

114 100

63 17.3 0.0 43.2

88 13.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 34.737 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009762.D

Acq: 28 Jul 2022 19:34

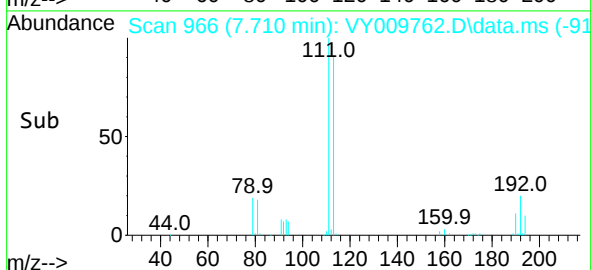
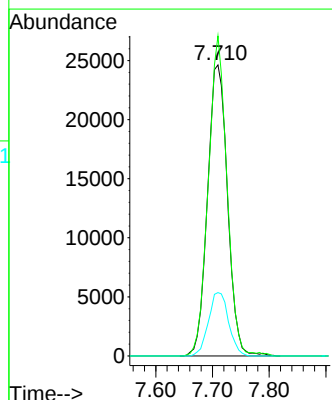
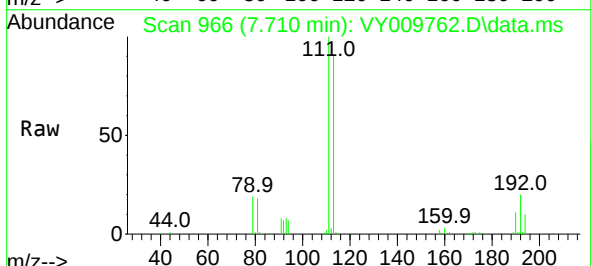
Tgt Ion:113 Resp: 60388

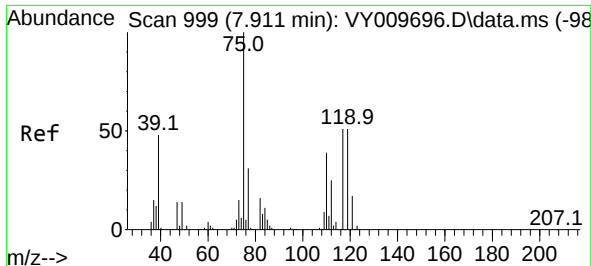
Ion Ratio Lower Upper

113 100

111 102.8 82.6 124.0

192 21.9 17.6 26.4

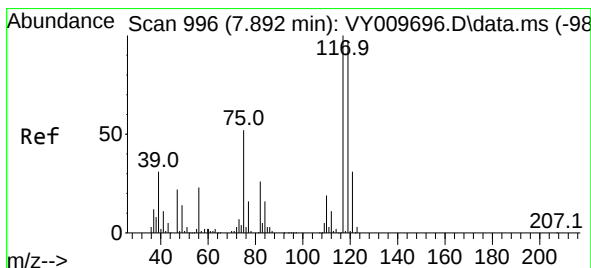
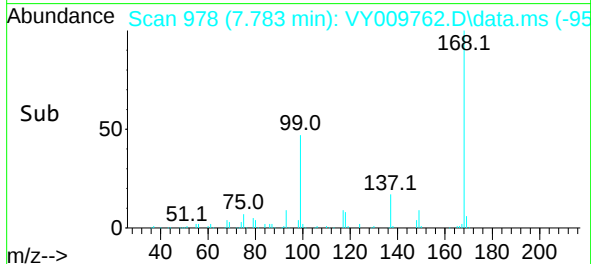
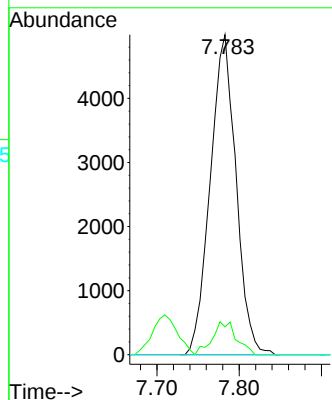
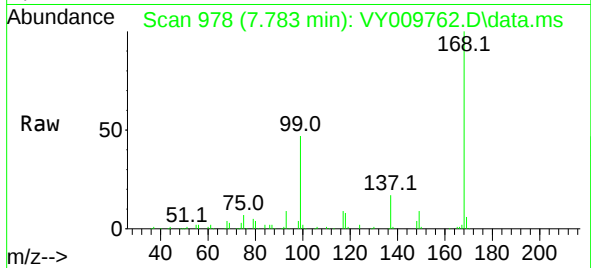




#36
1,1-Dichloropropene
Concen: 3.845 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY009762.D
Acq: 28 Jul 2022 19:34

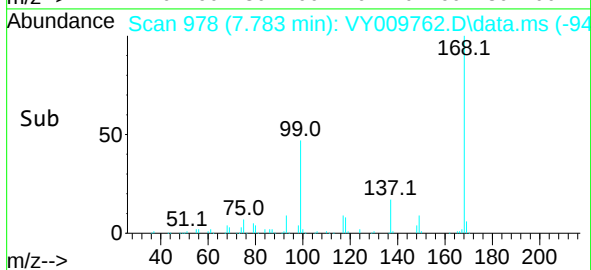
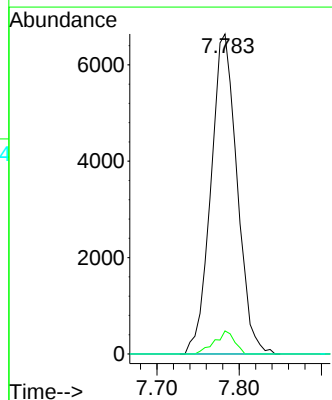
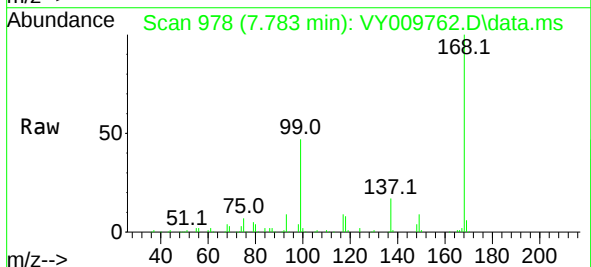
Instrument :
MSVOA_Y
ClientSampleId :
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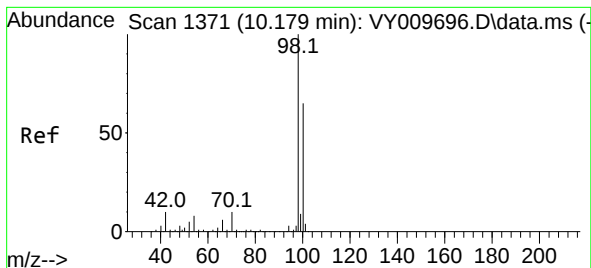
Tgt Ion: 75 Resp: 10877
Ion Ratio Lower Upper
75 100
110 9.6 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.846 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.109 min
Lab File: VY009762.D
Acq: 28 Jul 2022 19:34

Tgt Ion: 117 Resp: 14687
Ion Ratio Lower Upper
117 100
119 7.2 77.9 116.9#
121 0.0 24.8 37.2#

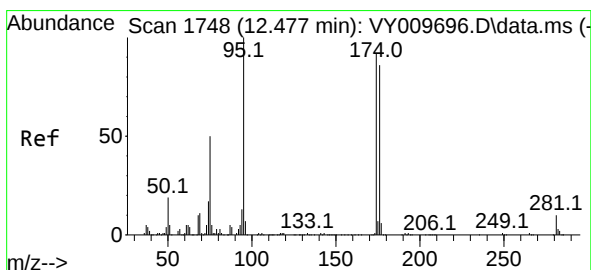
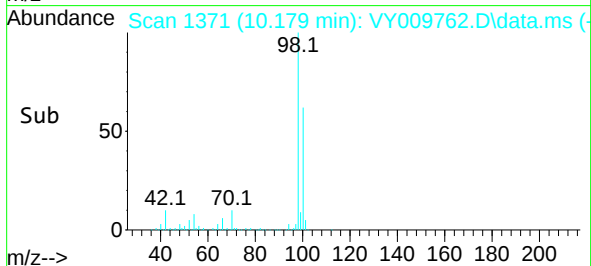
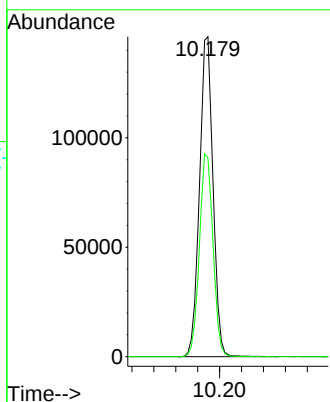
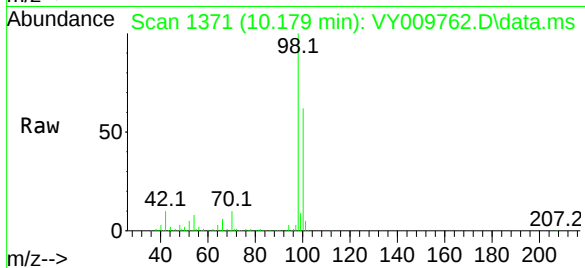




#50
Toluene-d8
Concen: 49.233 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009762.D
Acq: 28 Jul 2022 19:34

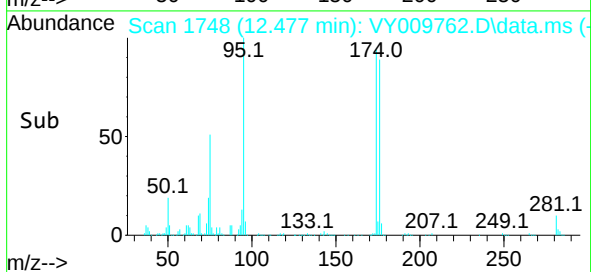
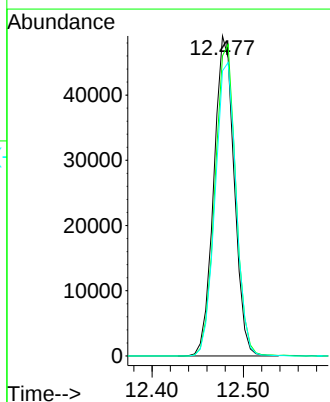
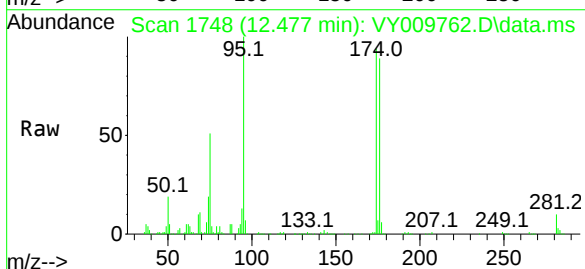
Instrument :
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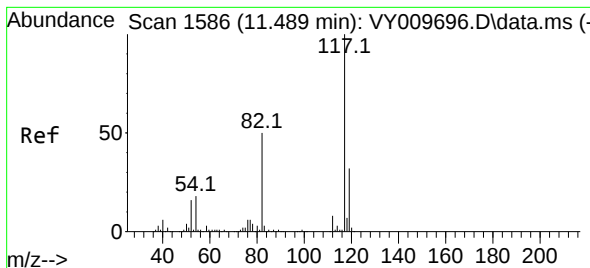
Tgt Ion: 98 Resp: 249589
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 33.004 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009762.D
Acq: 28 Jul 2022 19:34

Tgt Ion: 95 Resp: 76077
Ion Ratio Lower Upper
95 100
174 98.9 0.0 177.0
176 94.1 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: VY009762.D

Acq: 28 Jul 2022 19:34

Instrument :

MSVOA_Y

ClientSampleId :

4299E

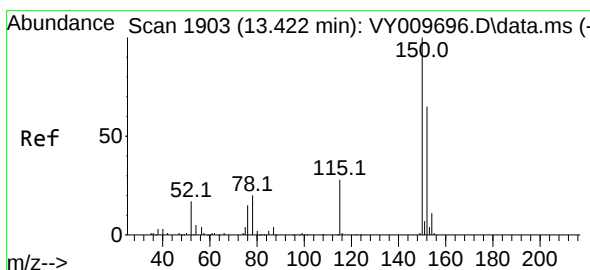
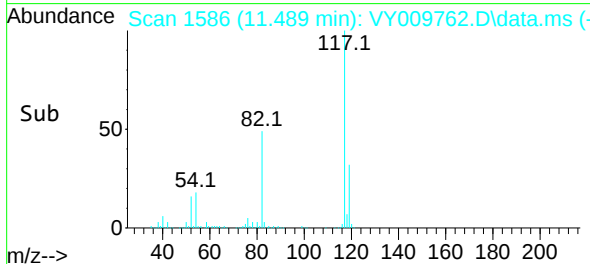
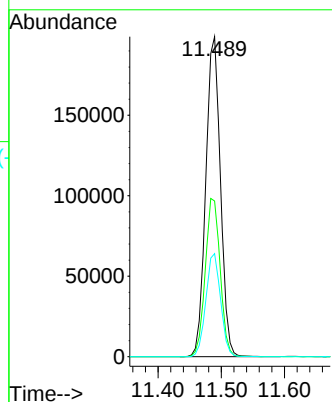
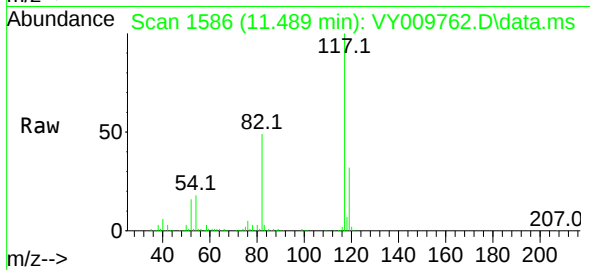
Tgt Ion:117 Resp: 320900

Ion Ratio Lower Upper

117 100

82 48.7 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# 1903

Delta R.T. -0.000 min

Lab File: VY009762.D

Acq: 28 Jul 2022 19:34

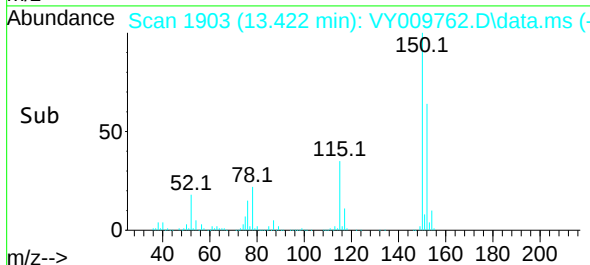
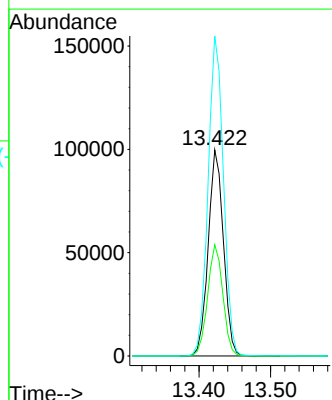
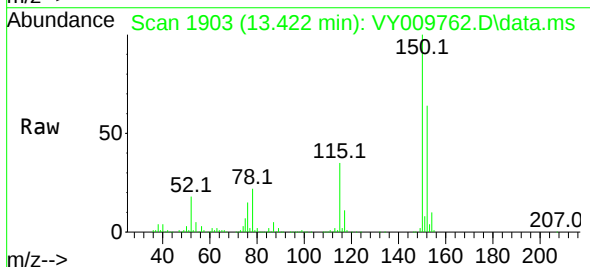
Tgt Ion:152 Resp: 147622

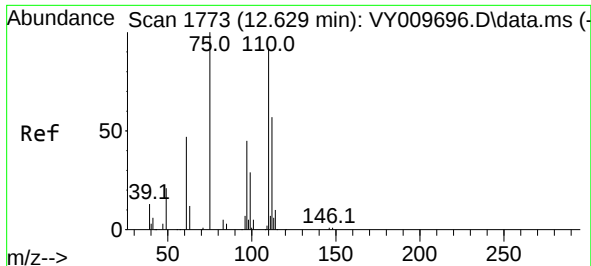
Ion Ratio Lower Upper

152 100

115 53.8 28.2 84.7

150 156.7 0.0 347.6

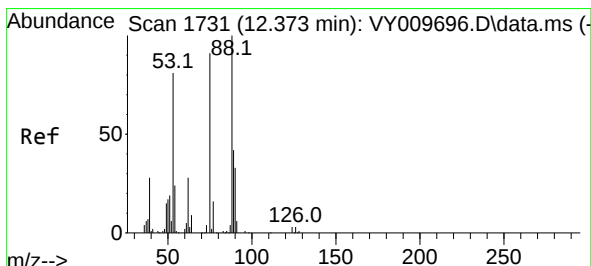
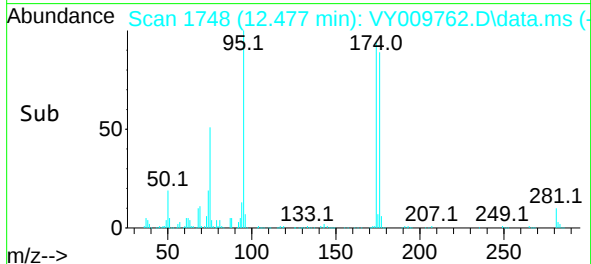
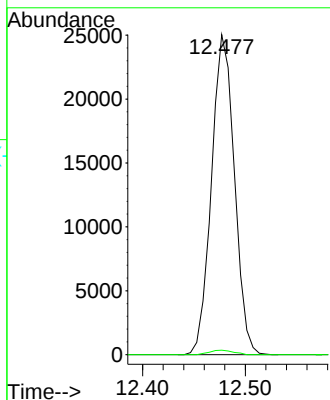
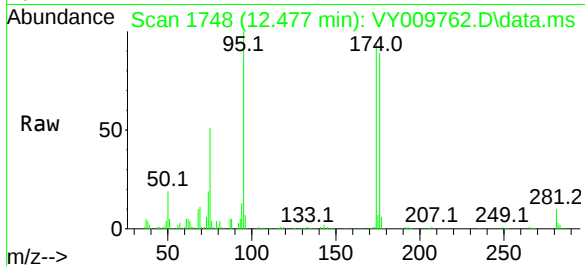




#76
1,2,3-Trichloropropane
Concen: 28.286 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009762.D
Acq: 28 Jul 2022 19:34

Instrument :
MSVOA_Y
ClientSampleId :
4299E

Tgt Ion: 75 Resp: 38785
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.381 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009762.D
Acq: 28 Jul 2022 19:34

Tgt Ion: 75 Resp: 38785
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#

