

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120122\
 Data File : VY011667.D
 Acq On : 01 Dec 2022 17:03
 Operator : KP/MD
 Sample : N5818-04RE
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-113022RE

Quant Time: Dec 02 03:22:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

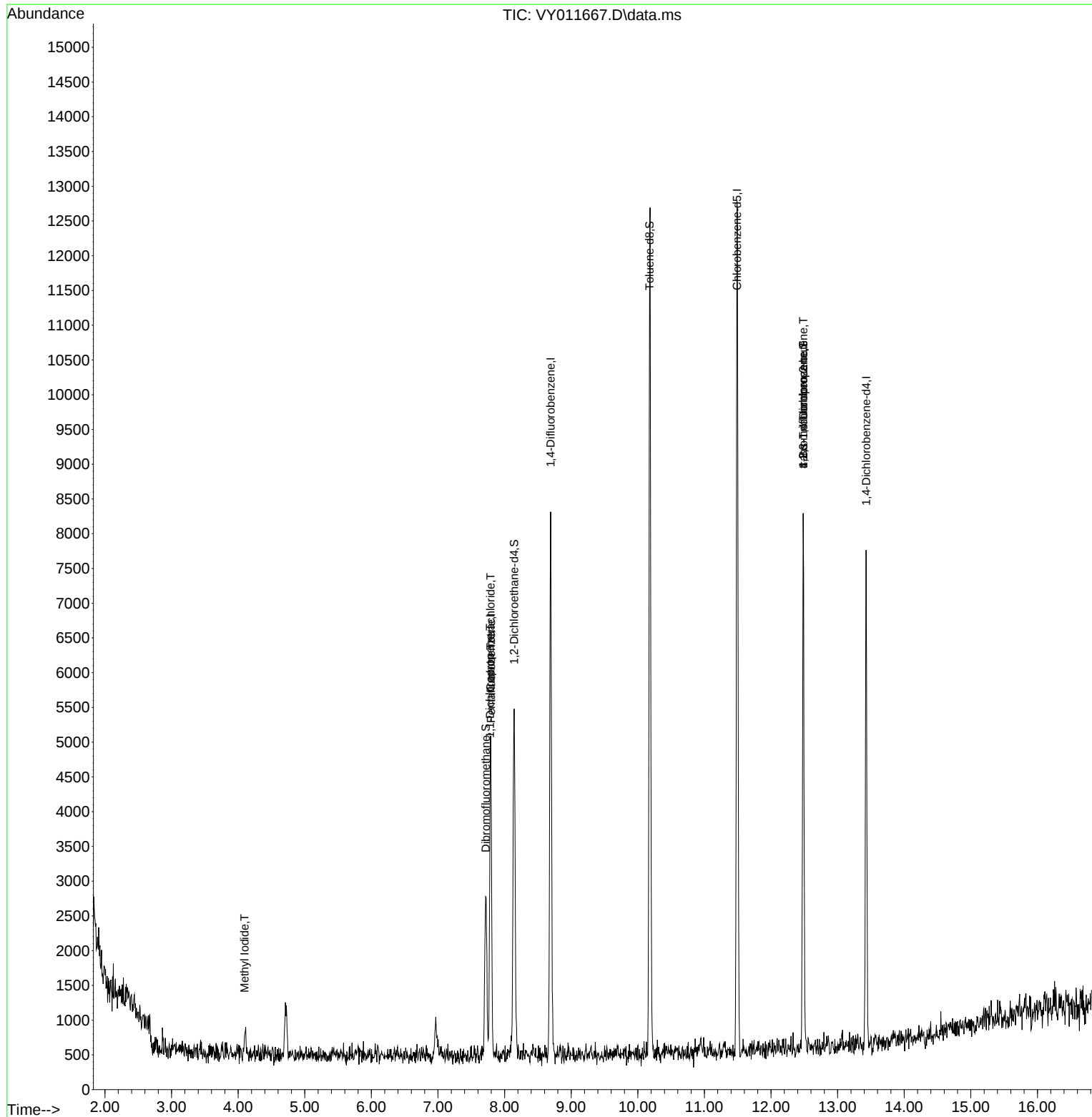
Internal Standards						
1) Pentafluorobenzene	7.795	168	3608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	7061	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	7391	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2071	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	4216	115.080	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	230.160%#
35) Dibromofluoromethane	7.716	113	1836	42.239	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.480%
50) Toluene-d8	10.179	98	8677	54.933	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.860%
62) 4-Bromofluorobenzene	12.483	95	2569	43.989	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.980%
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	92	Below Cal	#	44
5) Bromomethane	2.668	94	61	Below Cal		83
10) Methyl Iodide	4.094	142	448	11.109	ug/l #	71
20) Methylene Chloride	4.710	84	447	Below Cal	#	78
36) 1,1-Dichloropropene	7.783	75	345	5.078	ug/l #	42
38) Carbon Tetrachloride	7.789	117	301	3.960	ug/l #	11
76) 1,2,3-Trichloropropane	12.483	75	1354	60.709	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	1354	132.972	ug/l #	7

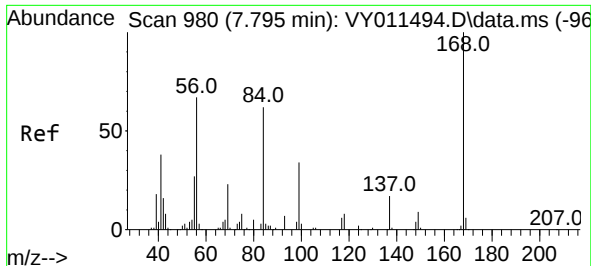
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120122\
Data File : VY011667.D
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Sample : N5818-04RE
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-04-113022RE

Quant Time: Dec 02 03:22:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
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Response via : Initial Calibration

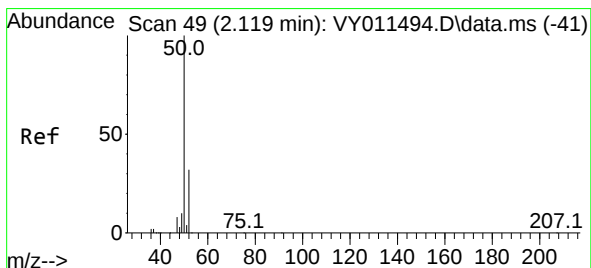
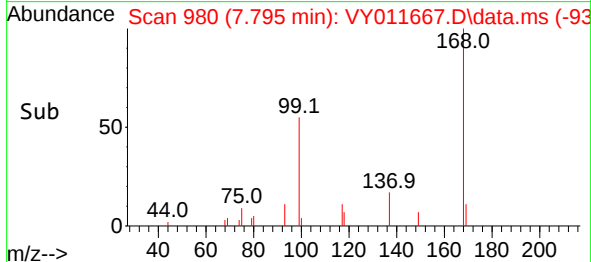
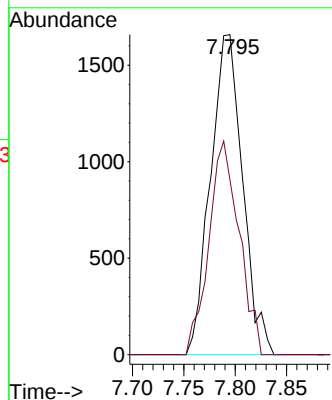
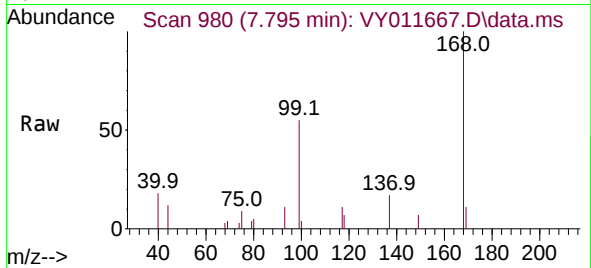




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011667.D
Acq: 01 Dec 2022 17:03

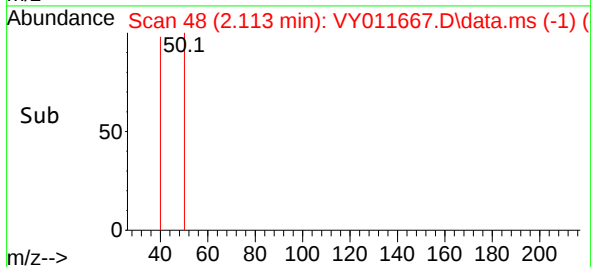
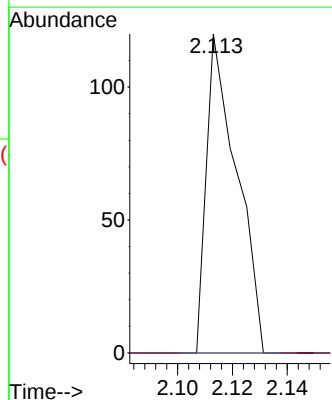
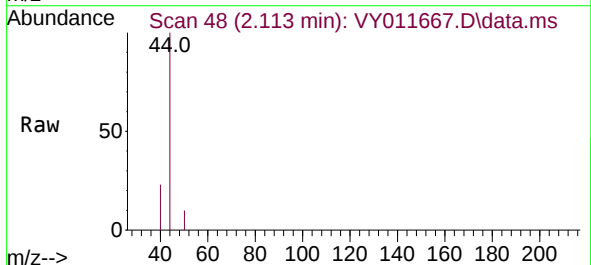
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-113022RE

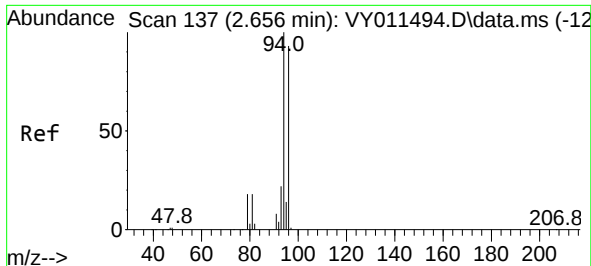
Tgt Ion:168 Resp: 3608
Ion Ratio Lower Upper
168 100
99 54.6 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY011667.D
Acq: 01 Dec 2022 17:03

Tgt Ion: 50 Resp: 92
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

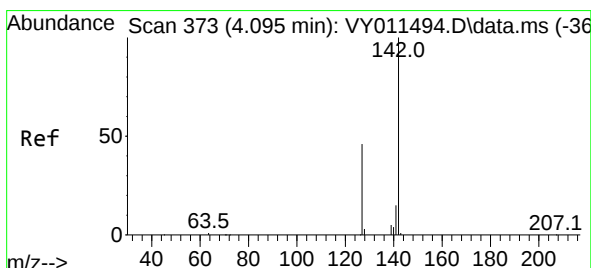
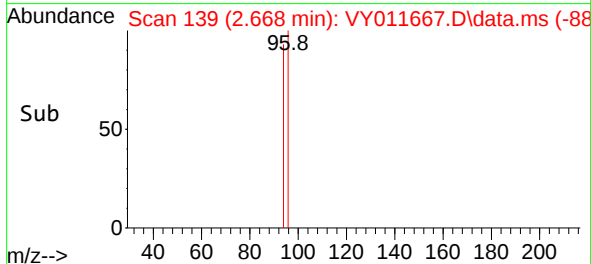
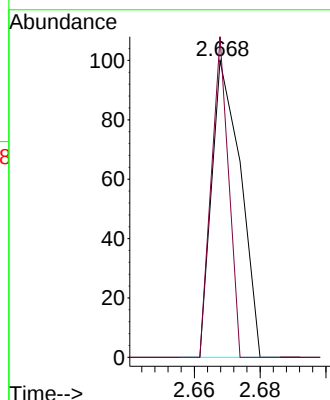
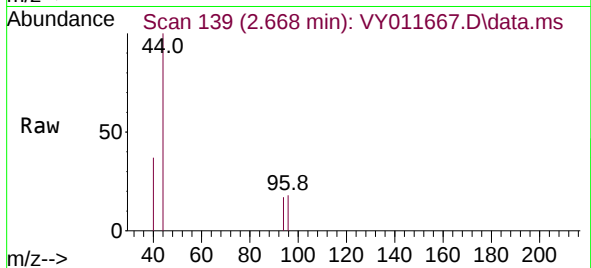




#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY011667.D
Acq: 01 Dec 2022 17:03

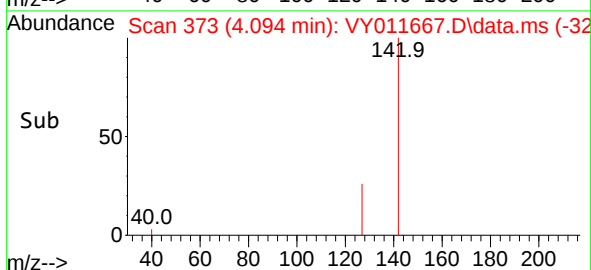
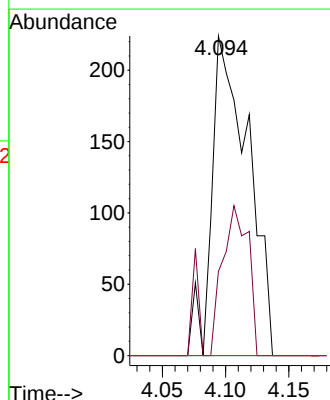
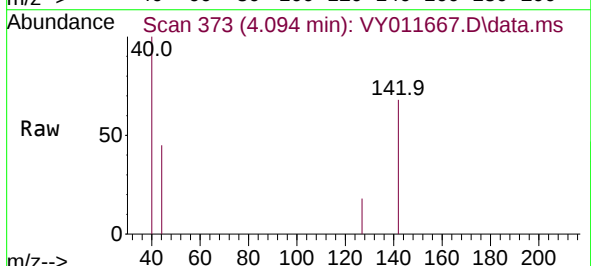
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-113022RE

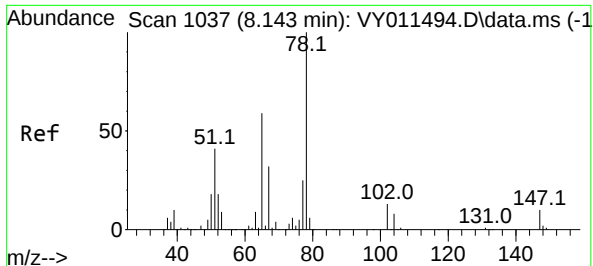
Tgt Ion: 94 Resp: 61
Ion Ratio Lower Upper
94 100
96 108.0 73.5 110.3



#10
Methyl Iodide
Concen: 11.109 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.001 min
Lab File: VY011667.D
Acq: 01 Dec 2022 17:03

Tgt Ion: 142 Resp: 448
Ion Ratio Lower Upper
142 100
127 33.3 41.5 62.3#
141 0.0 11.9 17.9#





#33

1,2-Dichloroethane-d4

Concen: 115.080 ug/l

RT: 8.142 min Scan# 110

Delta R.T. -0.001 min

Lab File: VY011667.D

Acq: 01 Dec 2022 17:03

Instrument :

MSVOA_Y

ClientSampleId :

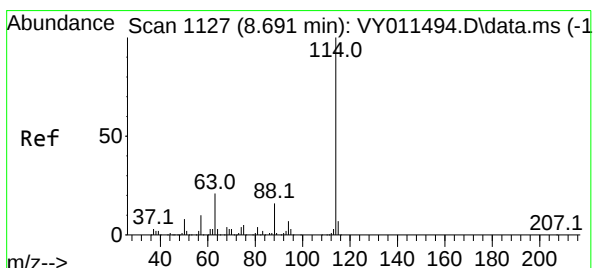
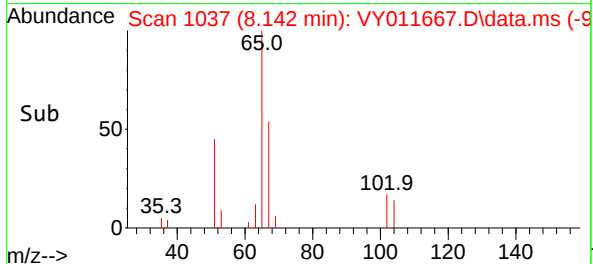
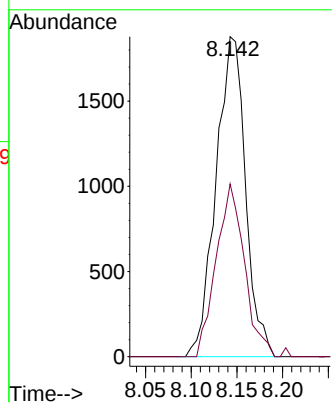
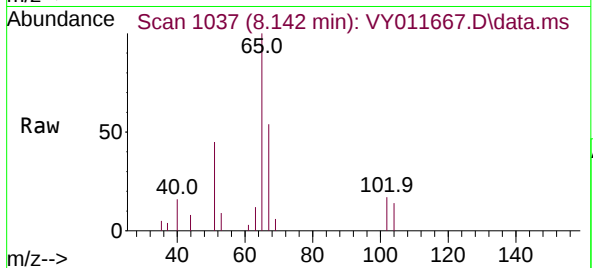
TR-04-113022RE

Tgt Ion: 65 Resp: 4216

Ion Ratio Lower Upper

65 100

67 51.6 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011667.D

Acq: 01 Dec 2022 17:03

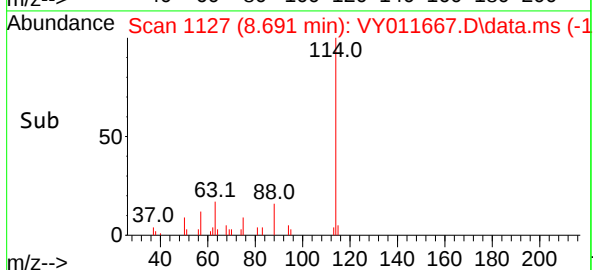
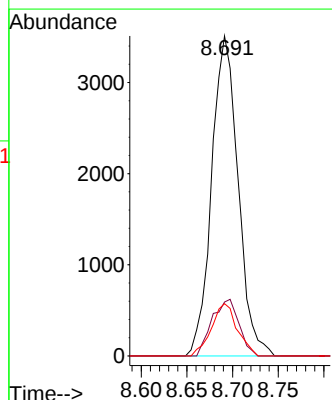
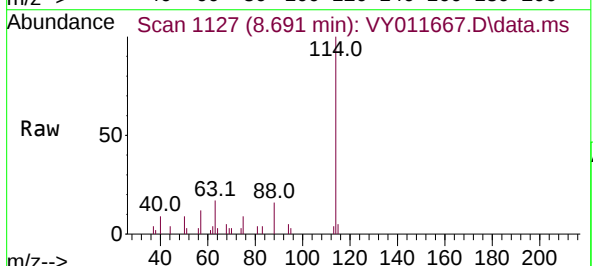
Tgt Ion: 114 Resp: 7061

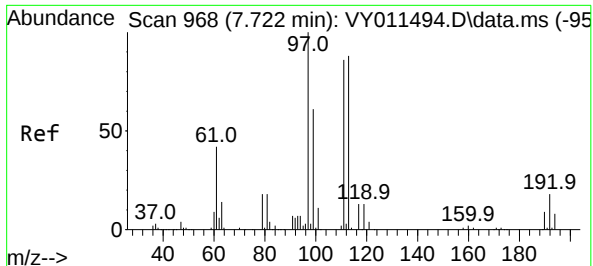
Ion Ratio Lower Upper

114 100

63 16.8 0.0 43.2

88 16.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 42.239 ug/l

RT: 7.716 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY011667.D

Acq: 01 Dec 2022 17:03

Instrument :

MSVOA_Y

ClientSampleId :

TR-04-113022RE

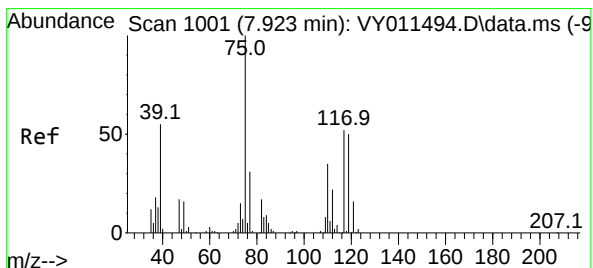
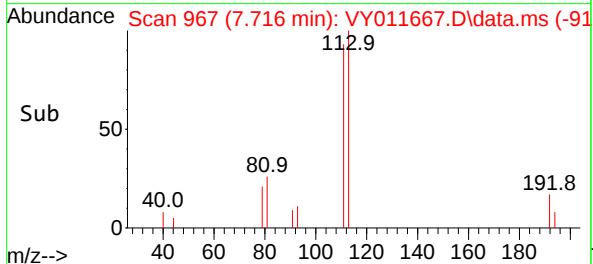
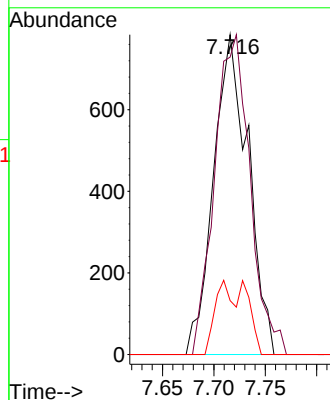
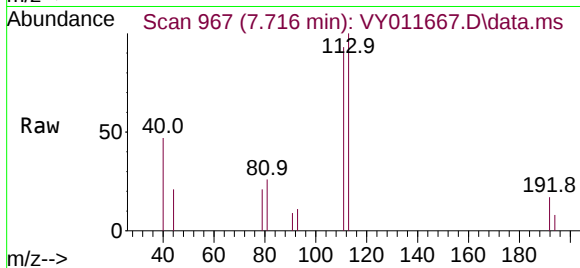
Tgt Ion:113 Resp: 1836

Ion Ratio Lower Upper

113 100

111 102.3 82.6 124.0

192 12.9 17.6 26.4#



#36

1,1-Dichloropropene

Concen: 5.078 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.140 min

Lab File: VY011667.D

Acq: 01 Dec 2022 17:03

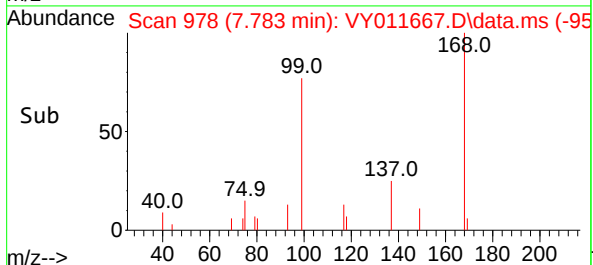
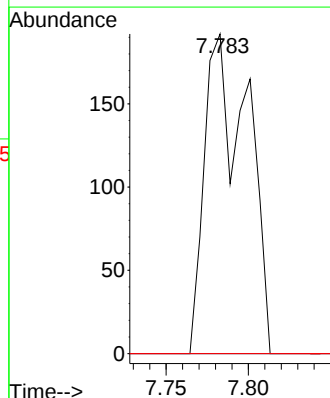
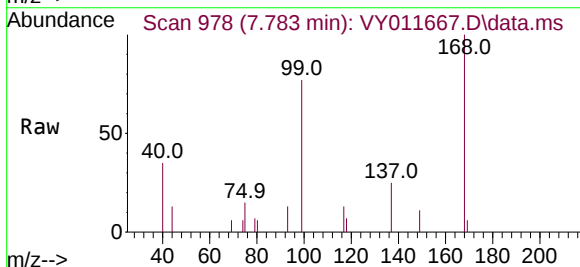
Tgt Ion: 75 Resp: 345

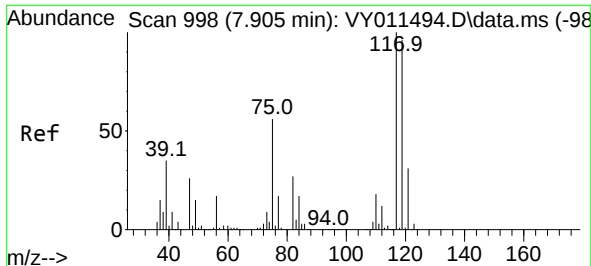
Ion Ratio Lower Upper

75 100

110 0.0 17.1 51.2#

77 0.0 24.4 36.6#

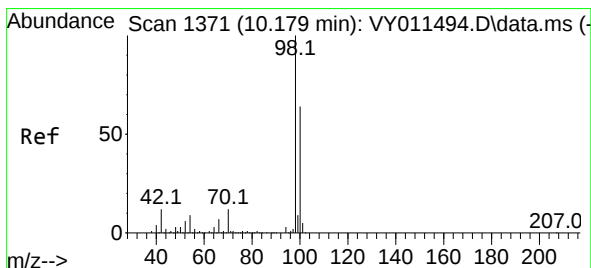
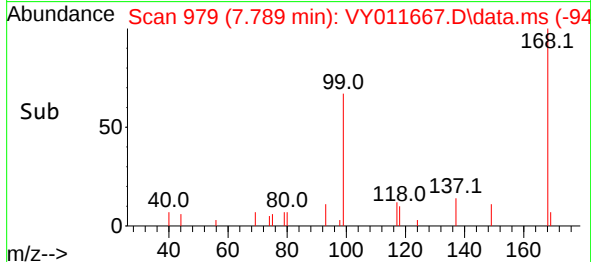
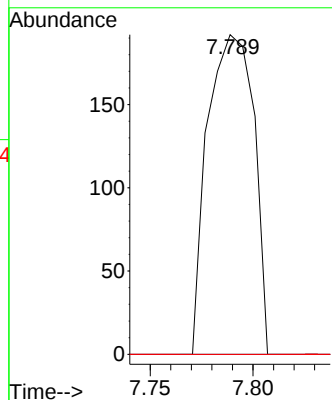
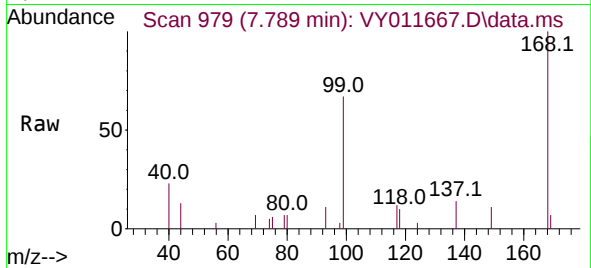




#38
Carbon Tetrachloride
Concen: 3.960 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY011667.D
Acq: 01 Dec 2022 17:03

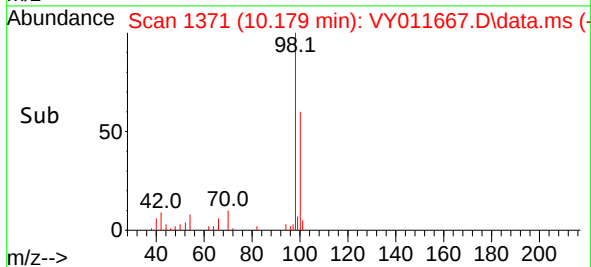
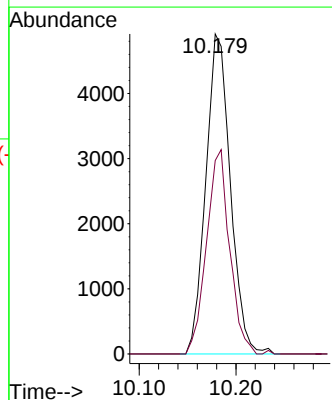
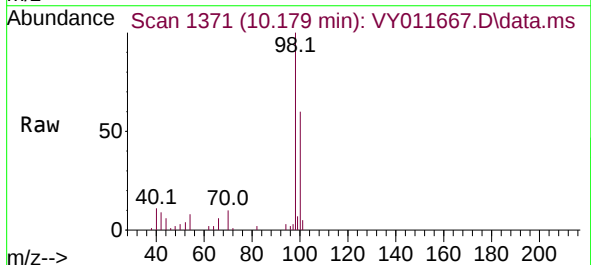
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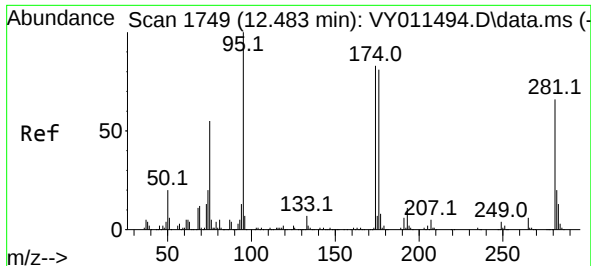
Tgt Ion:117 Resp: 301
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.933 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011667.D
Acq: 01 Dec 2022 17:03

Tgt Ion: 98 Resp: 8677
Ion Ratio Lower Upper
98 100
100 60.1 50.2 75.2

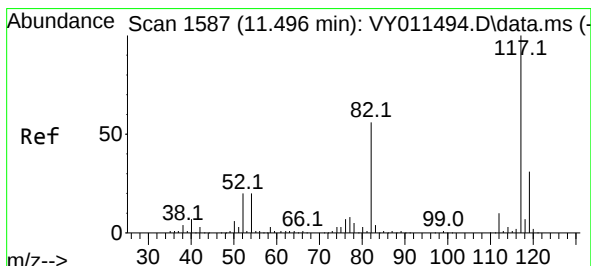
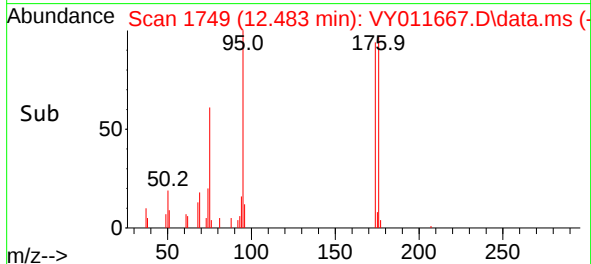
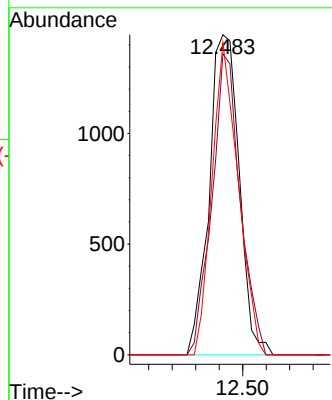
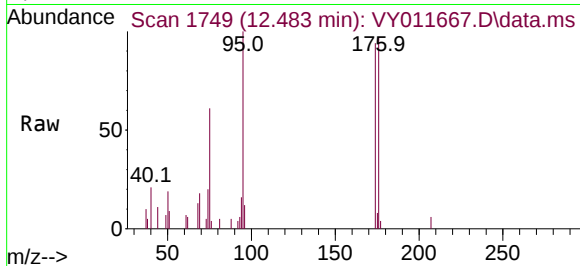




#62
4-Bromofluorobenzene
Concen: 43.989 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011667.D
Acq: 01 Dec 2022 17:03

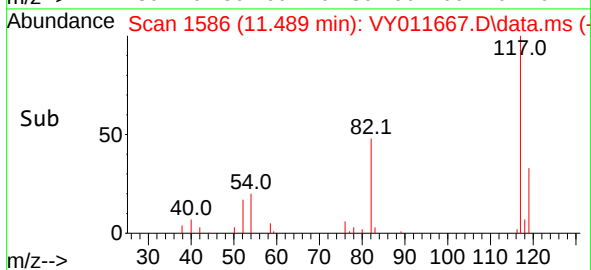
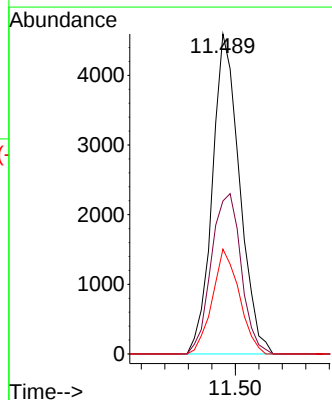
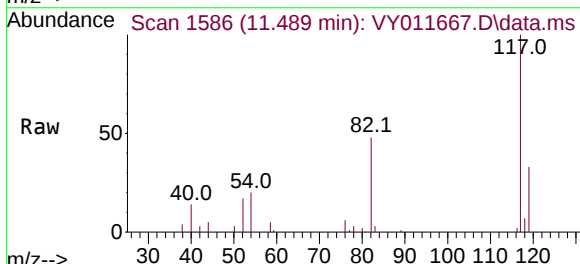
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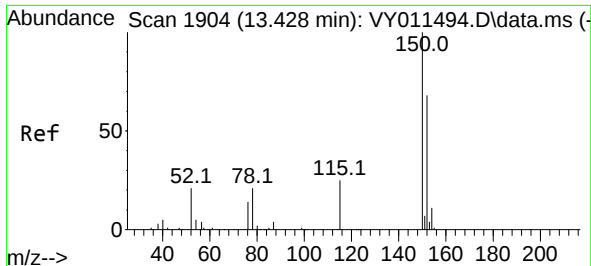
Tgt Ion: 95 Resp: 2569
Ion Ratio Lower Upper
95 100
174 88.6 0.0 177.0
176 85.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.007 min
Lab File: VY011667.D
Acq: 01 Dec 2022 17:03

Tgt Ion: 117 Resp: 7391
Ion Ratio Lower Upper
117 100
82 47.8 43.0 64.4
119 32.8 25.4 38.0

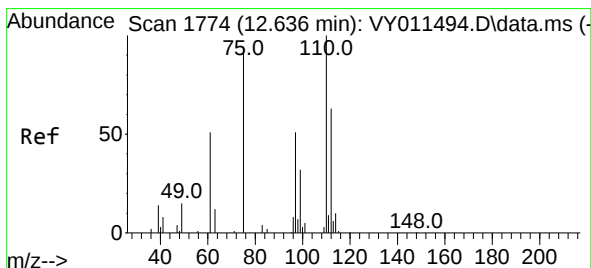
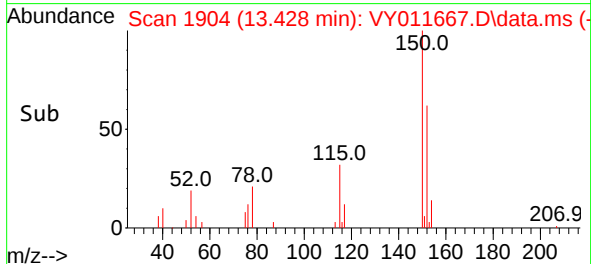
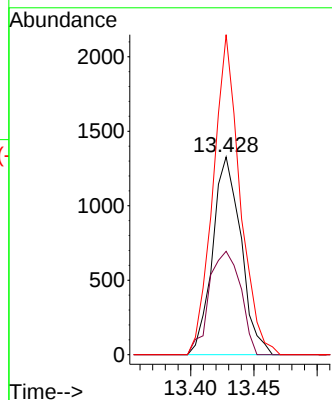
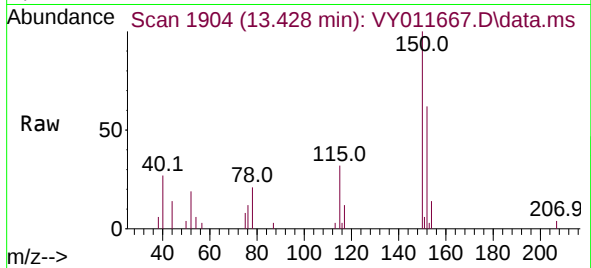




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY011667.D
 Acq: 01 Dec 2022 17:03

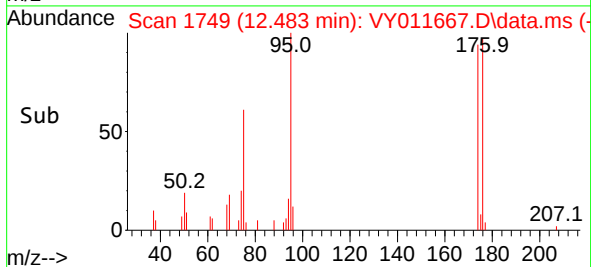
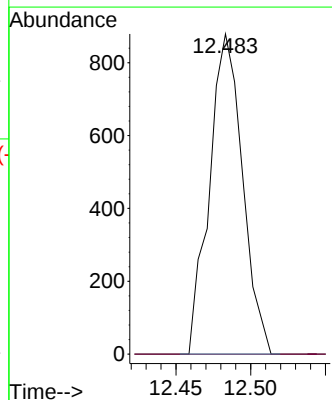
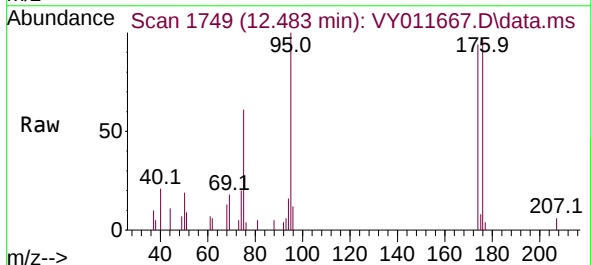
Instrument :
 MSVOA_Y
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 TR-04-113022RE

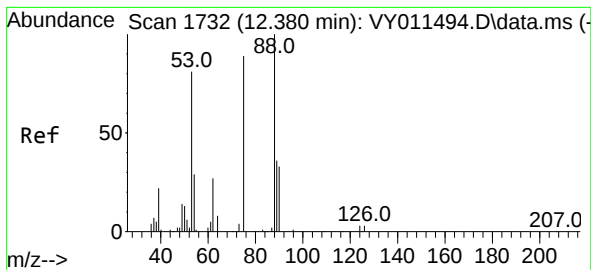
Tgt Ion:152 Resp: 2071
 Ion Ratio Lower Upper
 152 100
 115 57.8 28.2 84.7
 150 153.5 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 60.709 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY011667.D
 Acq: 01 Dec 2022 17:03

Tgt Ion: 75 Resp: 1354
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 132.972 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY011667.D
 Acq: 01 Dec 2022 17:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-113022RE

Tgt Ion: 75 Resp: 1354
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

