

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120122\
 Data File : VY011662.D
 Acq On : 01 Dec 2022 15:00
 Operator : KP/MD
 Sample : N5818-04
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-113022

Quant Time: Dec 02 03:21:18 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)

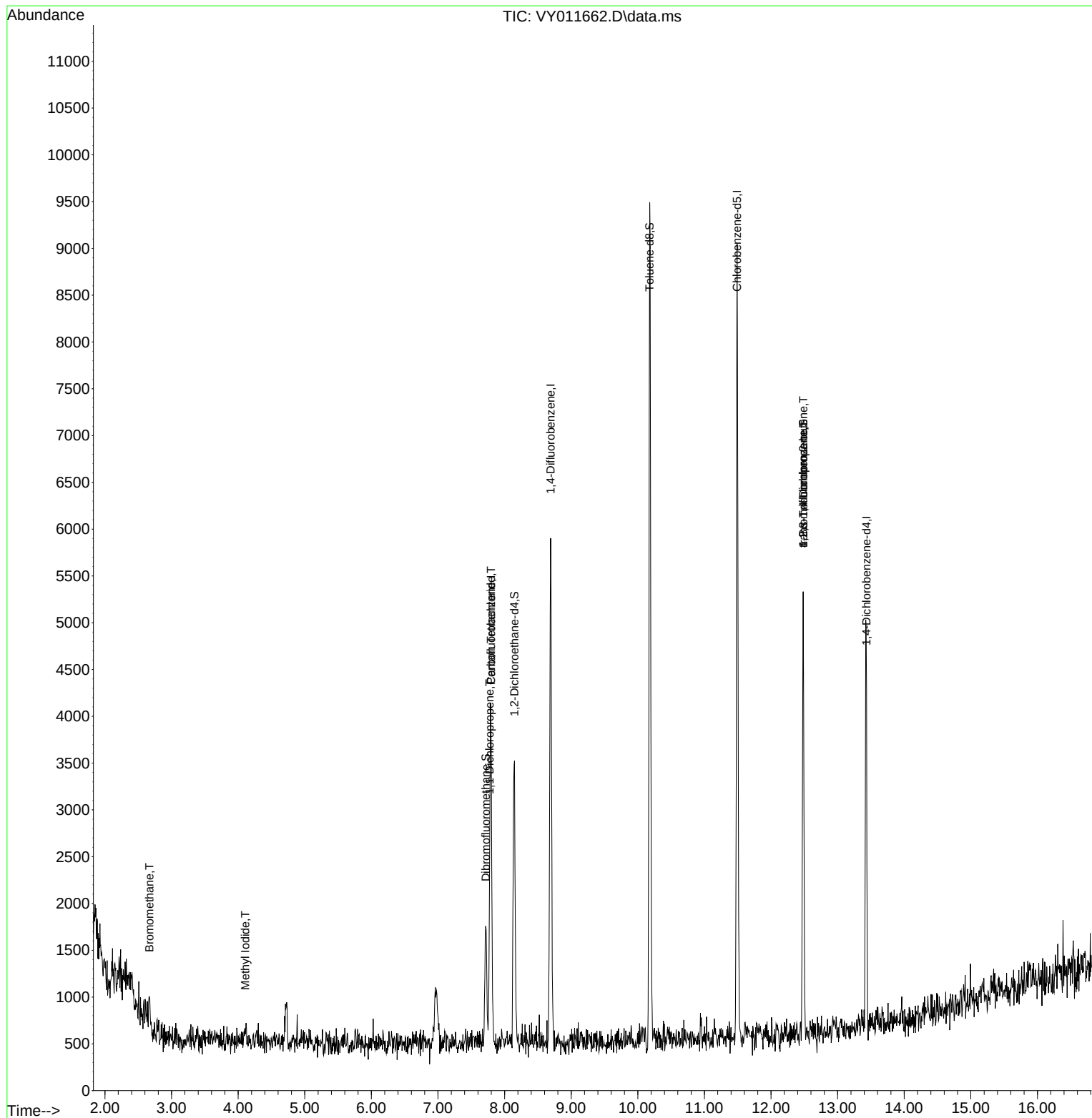
Internal Standards						
1) Pentafluorobenzene	7.795	168	3261	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	5189	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	5061	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	1268	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	2521	76.135	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	152.280%
35) Dibromofluoromethane	7.716	113	943	29.521	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	59.040%
50) Toluene-d8	10.179	98	6660	57.375	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	114.760%
62) 4-Bromofluorobenzene	12.483	95	1689	39.354	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.700%
Target Compounds						
3) Chloromethane	2.113	50	42	Below Cal	#	44
5) Bromomethane	2.668	94	129	1.615	ug/l	89
10) Methyl Iodide	4.107	142	262	7.188	ug/l #	35
20) Methylene Chloride	4.710	84	173	Below Cal	#	84
36) 1,1-Dichloropropene	7.777	75	106	2.123	ug/l #	42
38) Carbon Tetrachloride	7.795	117	248	4.439	ug/l #	11
76) 1,2,3-Trichloropropane	12.483	75	925	67.738	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	925	148.370	ug/l #	7

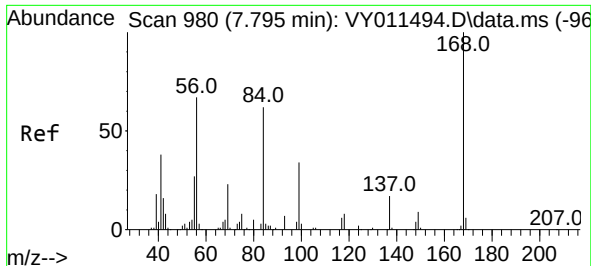
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120122\
Data File : VY011662.D
Acq On : 01 Dec 2022 15:00
Operator : KP/MD
Sample : N5818-04
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-113022

Quant Time: Dec 02 03:21:18 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

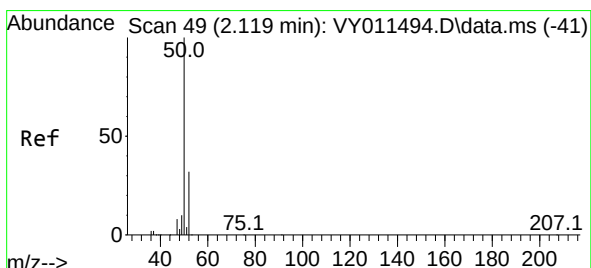
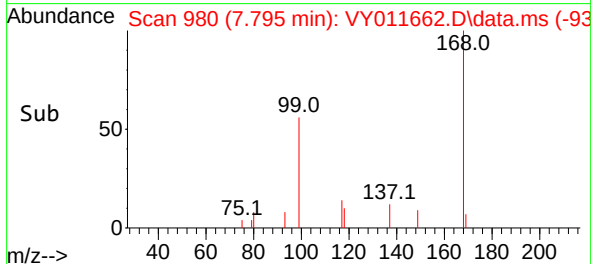
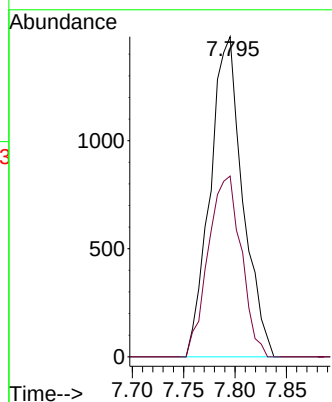
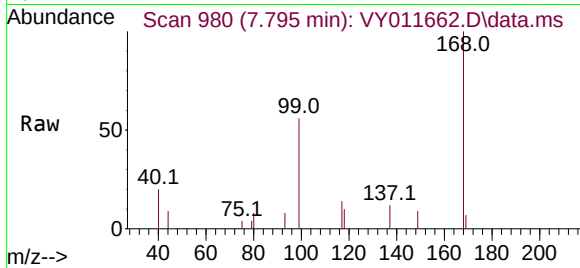




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011662.D
Acq: 01 Dec 2022 15:00

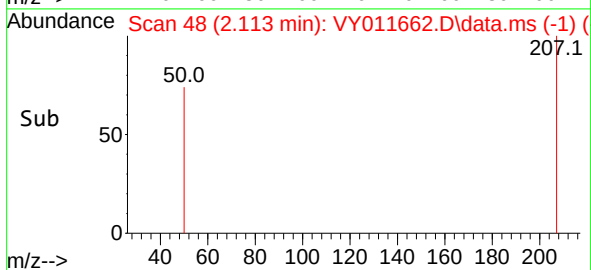
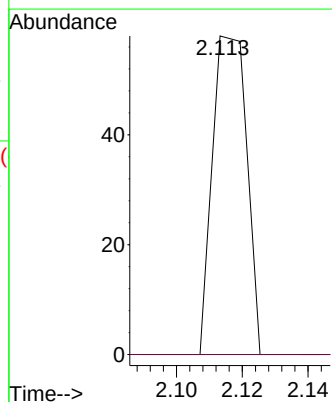
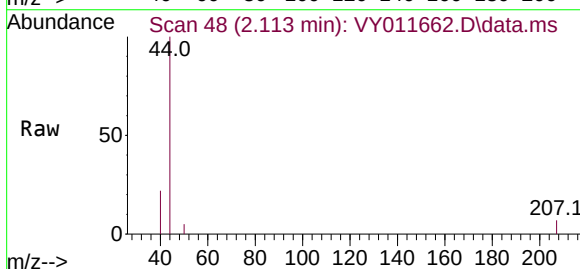
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-113022

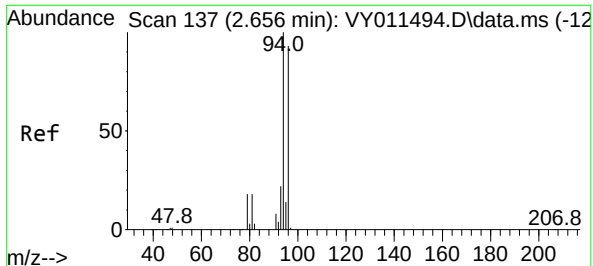
Tgt Ion:168 Resp: 3261
Ion Ratio Lower Upper
168 100
99 56.4 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY011662.D
Acq: 01 Dec 2022 15:00

Tgt Ion: 50 Resp: 42
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

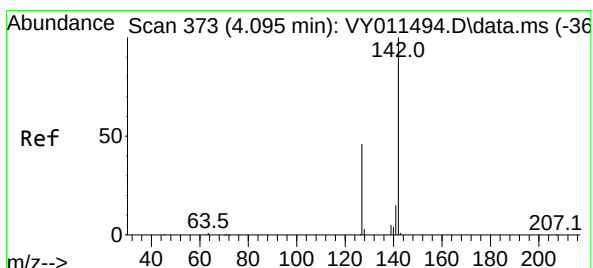
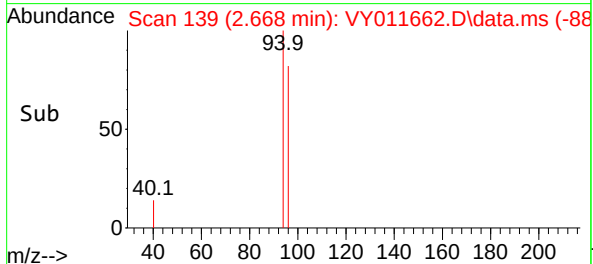
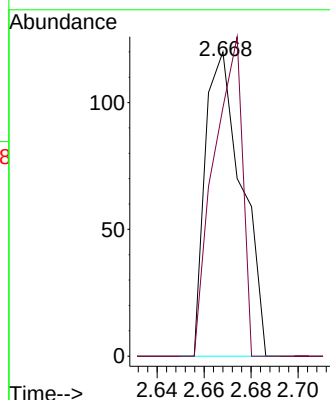
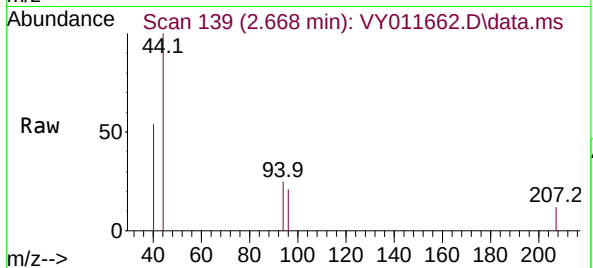




#5
Bromomethane
Concen: 1.615 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY011662.D
Acq: 01 Dec 2022 15:00

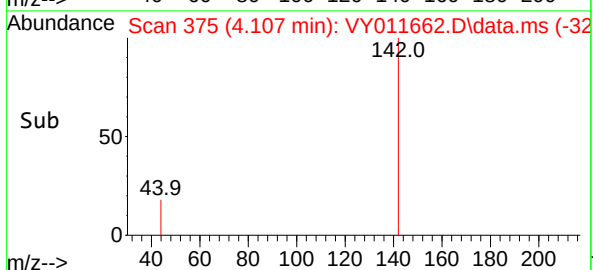
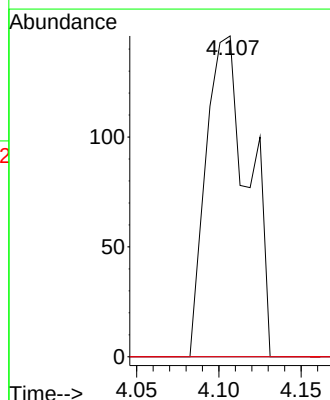
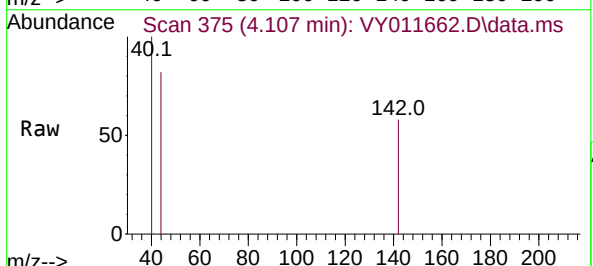
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-113022

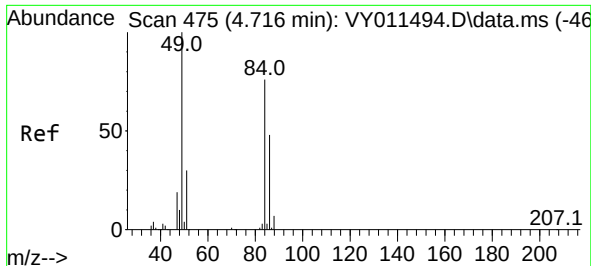
Tgt Ion: 94 Resp: 129
Ion Ratio Lower Upper
94 100
96 81.7 73.5 110.3



#10
Methyl Iodide
Concen: 7.188 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.012 min
Lab File: VY011662.D
Acq: 01 Dec 2022 15:00

Tgt Ion:142 Resp: 262
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

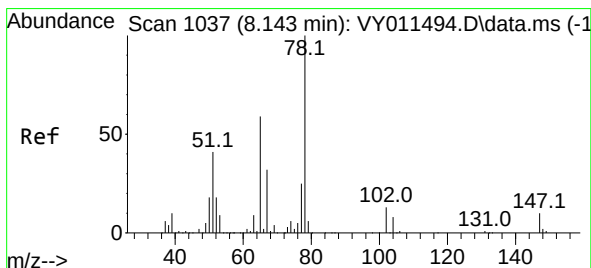
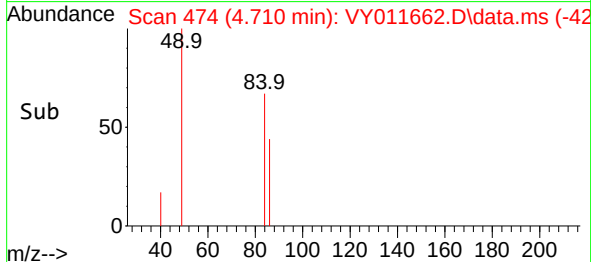
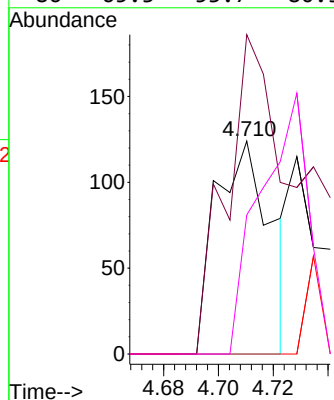
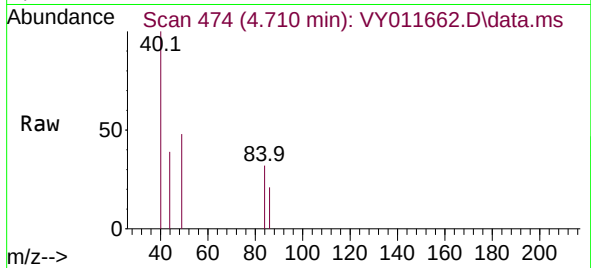




#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY011662.D
Acq: 01 Dec 2022 15:00

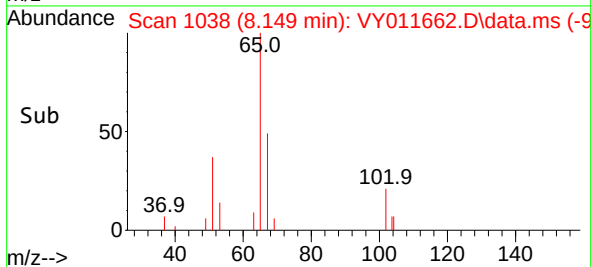
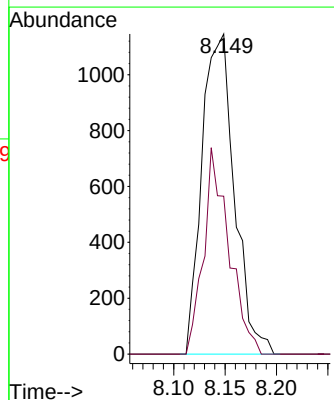
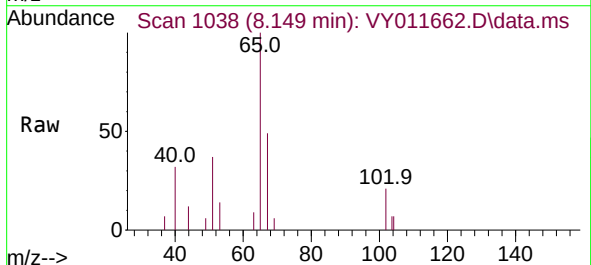
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-113022

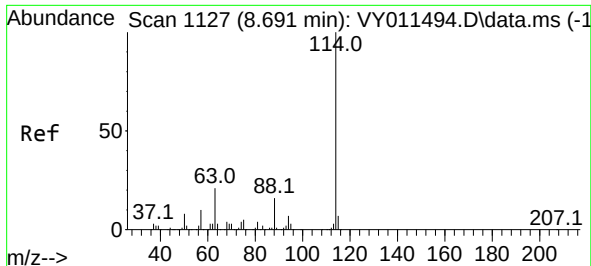
Tgt Ion: 84 Resp: 173
Ion Ratio Lower Upper
84 100
49 150.0 114.4 171.6
51 0.0 35.3 52.9#
86 65.3 53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 76.135 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY011662.D
Acq: 01 Dec 2022 15:00

Tgt Ion: 65 Resp: 2521
Ion Ratio Lower Upper
65 100
67 50.3 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: VY011662.D

Acq: 01 Dec 2022 15:00

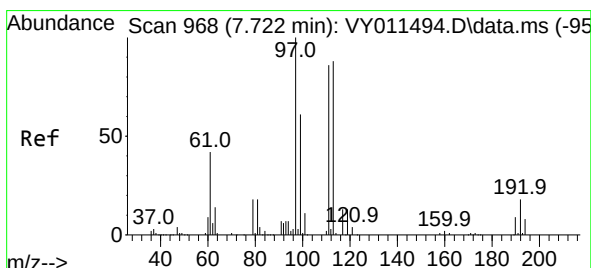
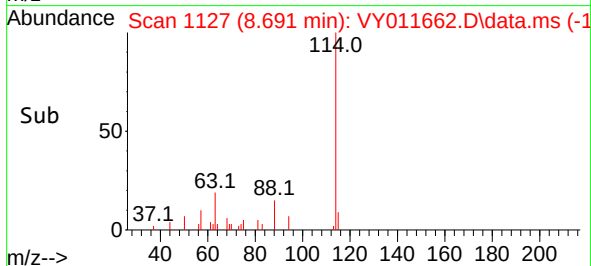
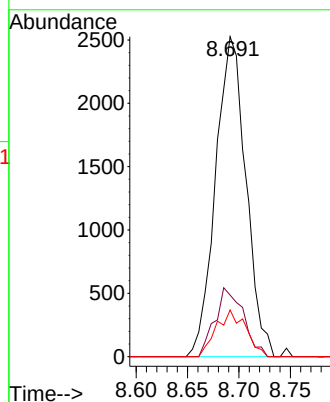
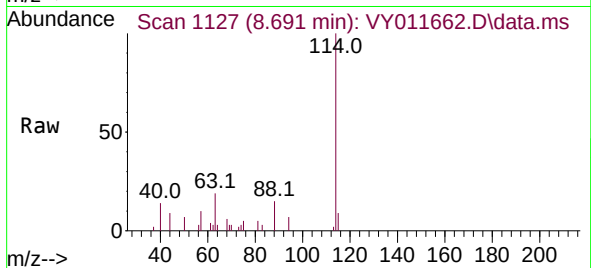
Instrument :

MSVOA_Y

ClientSampleId :

TR-04-113022

Tgt Ion:114	Resp:	5189
Ion	Ratio	Lower Upper
114	100	
63	19.2	0.0 43.2
88	14.6	0.0 31.8



#35

Dibromofluoromethane

Concen: 29.521 ug/l

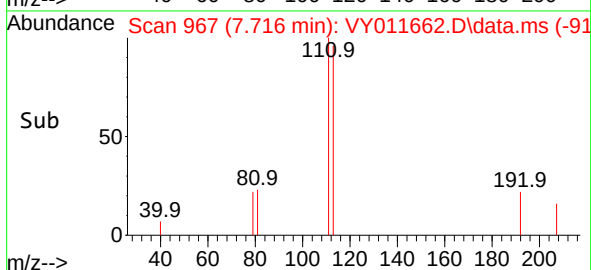
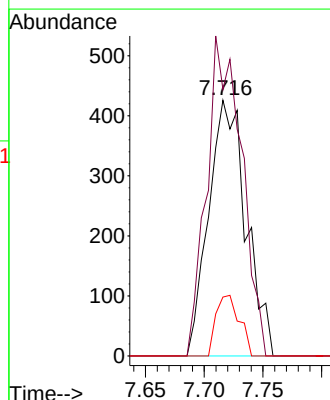
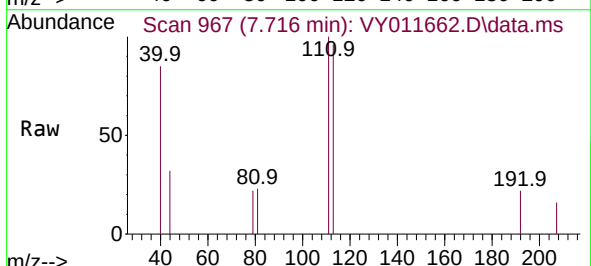
RT: 7.716 min Scan# 967

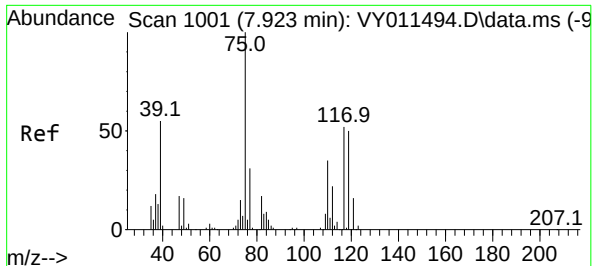
Delta R.T. -0.006 min

Lab File: VY011662.D

Acq: 01 Dec 2022 15:00

Tgt Ion:113	Resp:	943
Ion	Ratio	Lower Upper
113	100	
111	116.3	82.6 124.0
192	14.8	17.6 26.4





#36

1,1-Dichloropropene

Concen: 2.123 ug/l

RT: 7.777 min Scan# 91

Delta R.T. -0.146 min

Lab File: VY011662.D

Acq: 01 Dec 2022 15:00

Instrument :

MSVOA_Y

ClientSampleId :

TR-04-113022

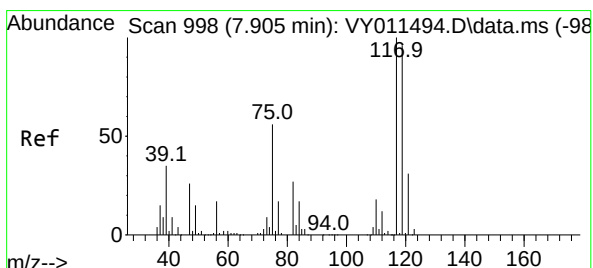
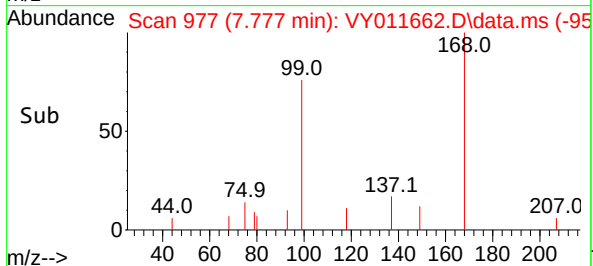
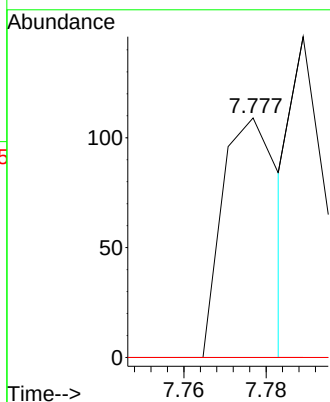
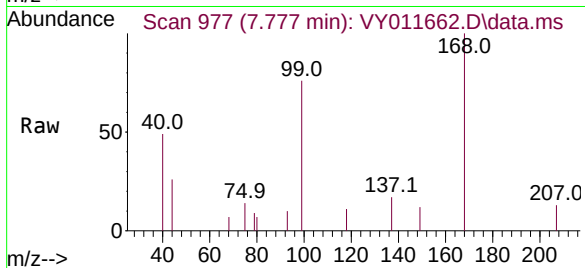
Tgt Ion: 75 Resp: 106

Ion Ratio Lower Upper

75 100

110 0.0 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 4.439 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.110 min

Lab File: VY011662.D

Acq: 01 Dec 2022 15:00

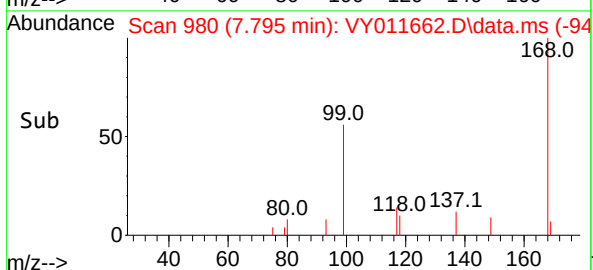
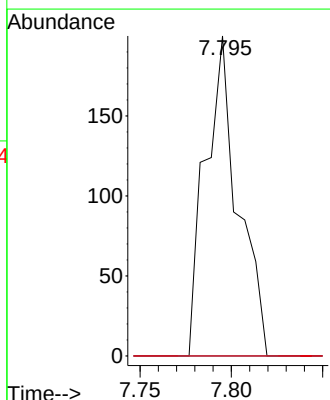
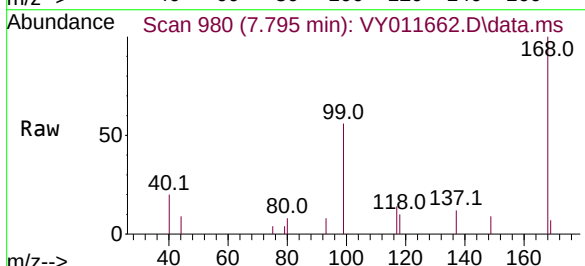
Tgt Ion: 117 Resp: 248

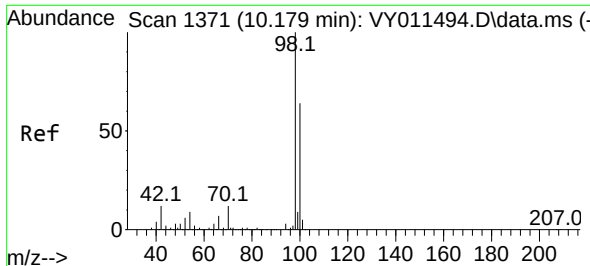
Ion Ratio Lower Upper

117 100

119 0.0 77.9 116.9#

121 0.0 24.8 37.2#

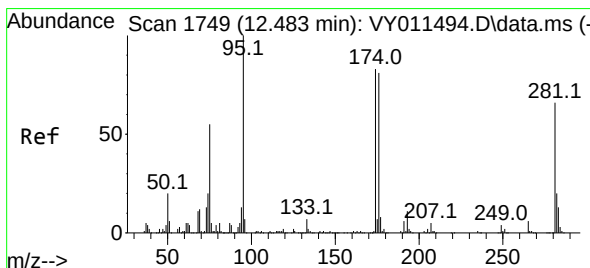
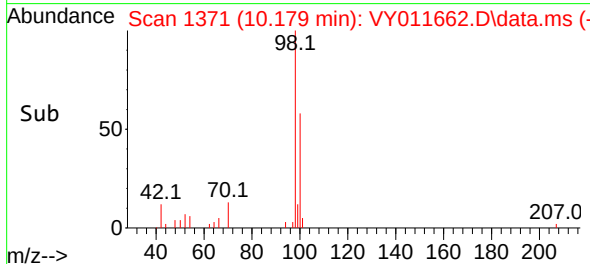
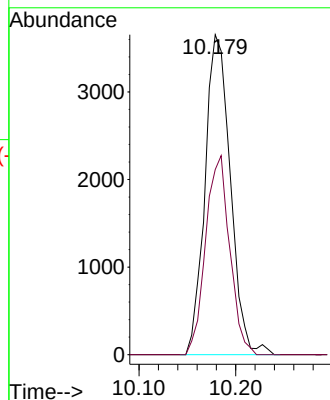
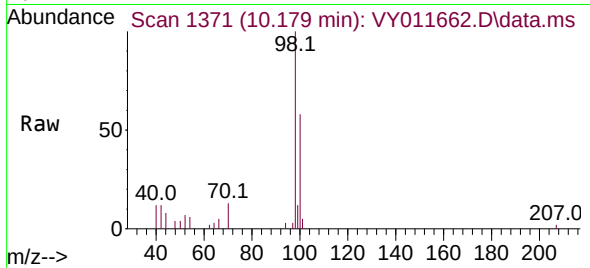




#50
Toluene-d8
Concen: 57.375 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011662.D
Acq: 01 Dec 2022 15:00

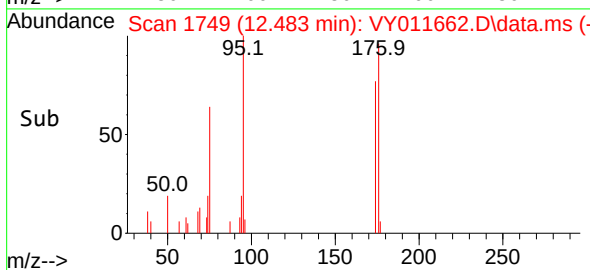
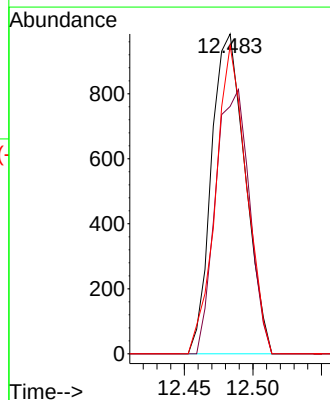
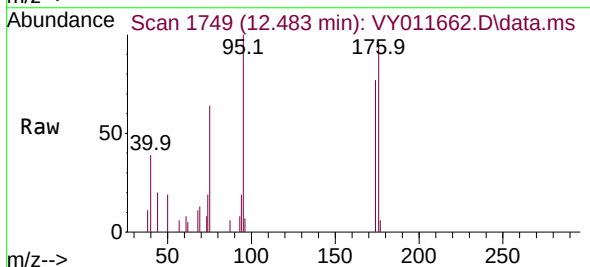
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-113022

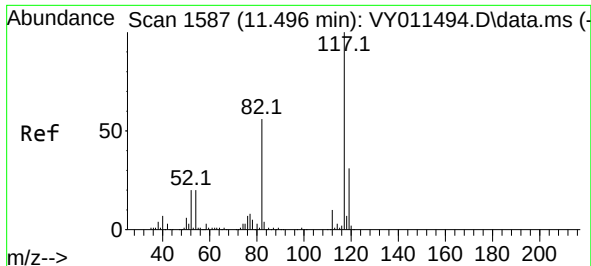
Tgt Ion: 98 Resp: 6660
Ion Ratio Lower Upper
98 100
100 59.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.354 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011662.D
Acq: 01 Dec 2022 15:00

Tgt Ion: 95 Resp: 1689
Ion Ratio Lower Upper
95 100
174 82.4 0.0 177.0
176 88.0 0.0 175.8

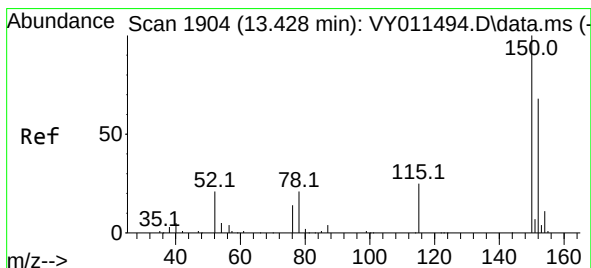
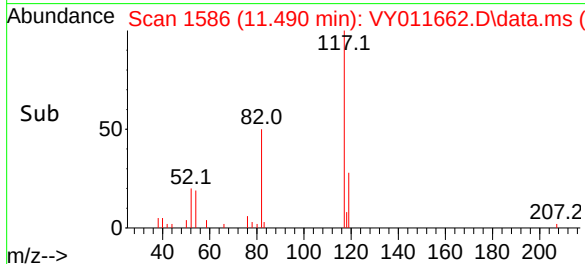
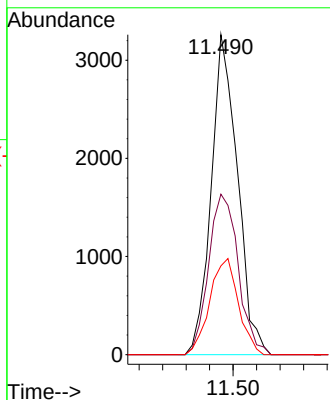
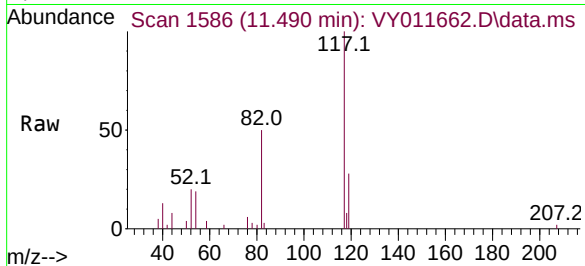




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011662.D
Acq: 01 Dec 2022 15:00

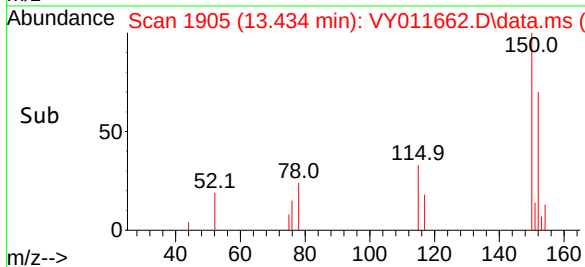
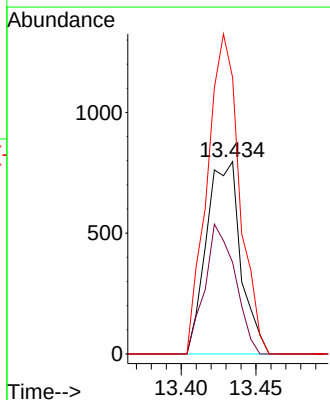
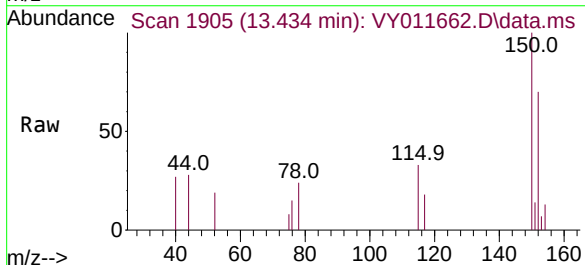
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-113022

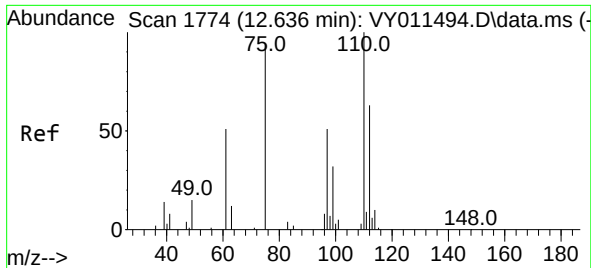
Tgt Ion:117 Resp: 5061
Ion Ratio Lower Upper
117 100
82 50.2 43.0 64.4
119 27.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY011662.D
Acq: 01 Dec 2022 15:00

Tgt Ion:152 Resp: 1268
Ion Ratio Lower Upper
152 100
115 59.6 28.2 84.7
150 157.4 0.0 347.6

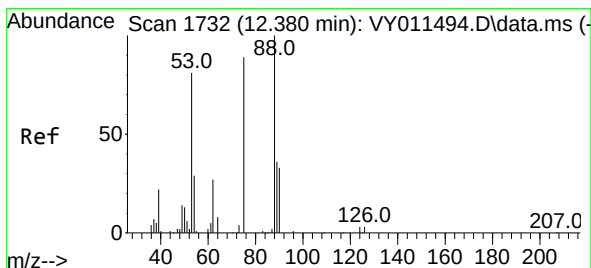
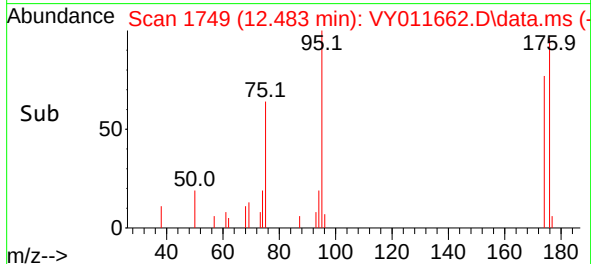
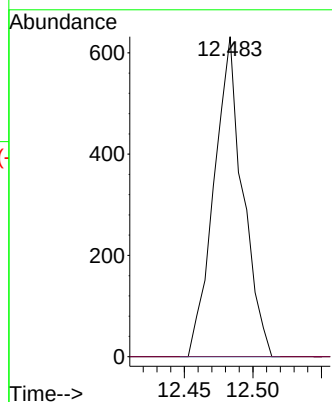
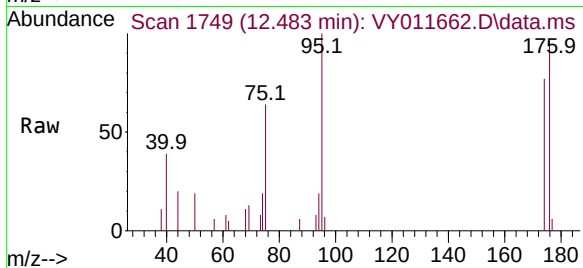




#76
1,2,3-Trichloropropane
Concen: 67.738 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY011662.D
Acq: 01 Dec 2022 15:00

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-113022

Tgt Ion: 75 Resp: 925
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 148.370 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY011662.D
Acq: 01 Dec 2022 15:00

Tgt Ion: 75 Resp: 925
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

