

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122322\
 Data File : VY012007.D
 Acq On : 23 Dec 2022 18:55
 Operator : KP/MD
 Sample : N6135-02
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 23 22:27:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

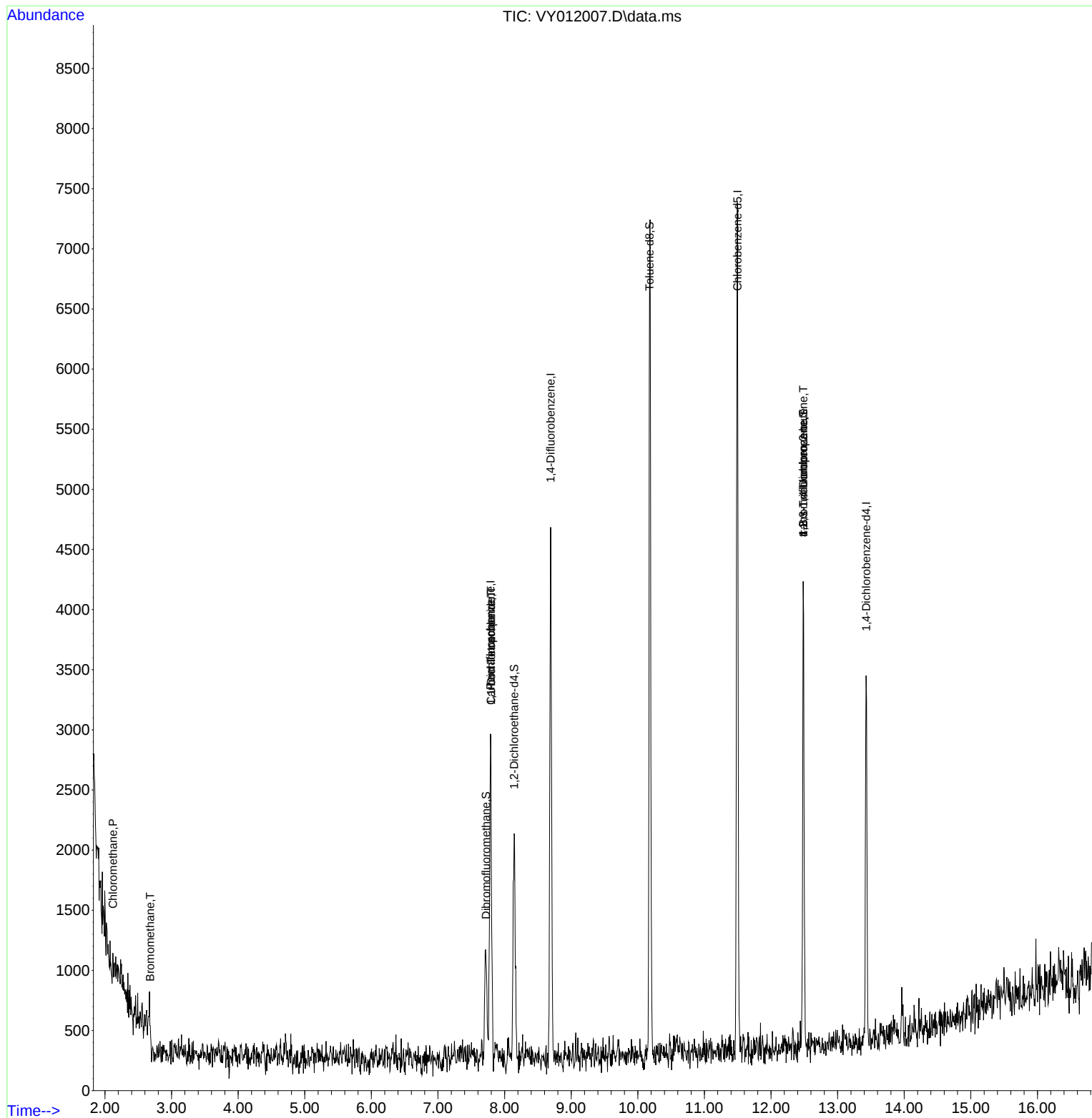
Internal Standards						
1) Pentafluorobenzene	7.789	168	2477	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	4291	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	4305	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	960	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	1822	73.011	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 146.020%	
35) Dibromofluoromethane	7.722	113	815	31.549	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 63.100%	
50) Toluene-d8	10.179	98	5008	47.781	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.560%	
62) 4-Bromofluorobenzene	12.483	95	1232	34.950	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 69.900%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	66	2.994	ug/l #	41
5) Bromomethane	2.680	94	22	1.272	ug/l #	1
20) Methylene Chloride	4.704	84	111	Below Cal	#	41
36) 1,1-Dichloropropene	7.795	75	60	1.448	ug/l #	41
38) Carbon Tetrachloride	7.795	117	178	3.719	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	692	57.929	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	692	158.639	ug/l #	13

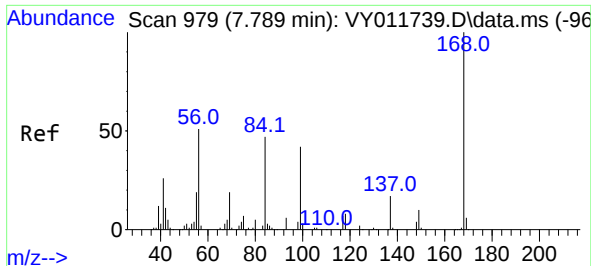
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122322\
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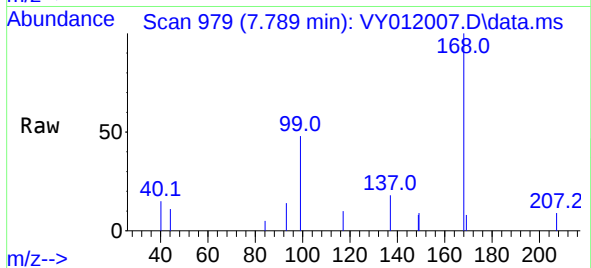
Quant Time: Dec 23 22:27:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 20 12:37:37 2022
Response via : Initial Calibration



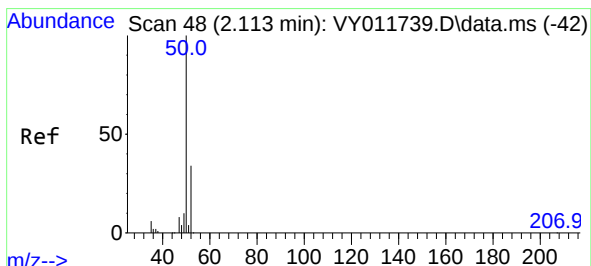
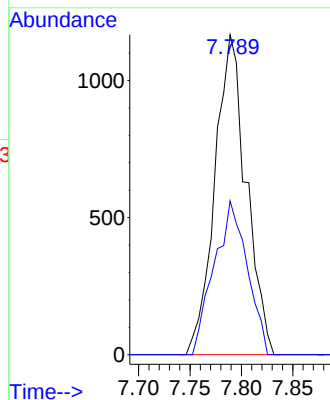
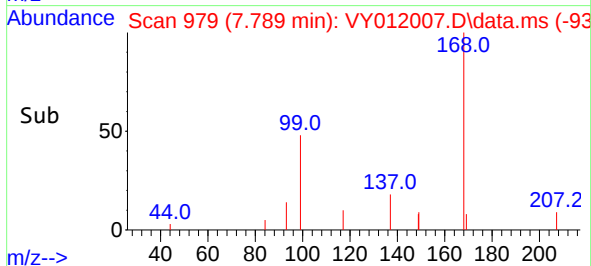


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012007.D
Acq: 23 Dec 2022 18:55

Instrument :
MSVOA_Y
ClientSampleId :

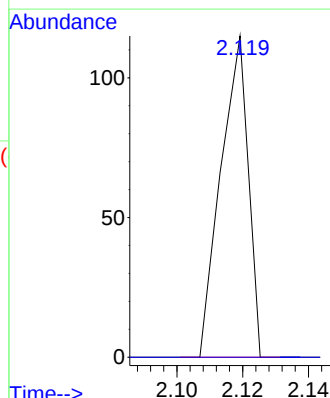
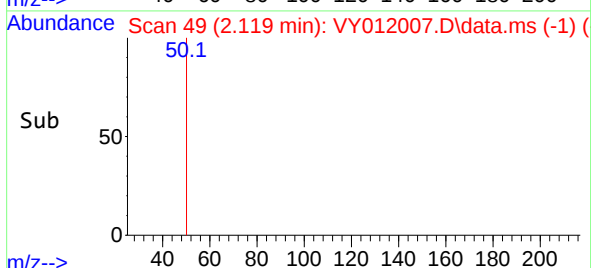
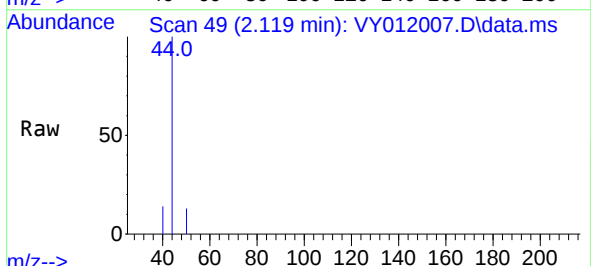


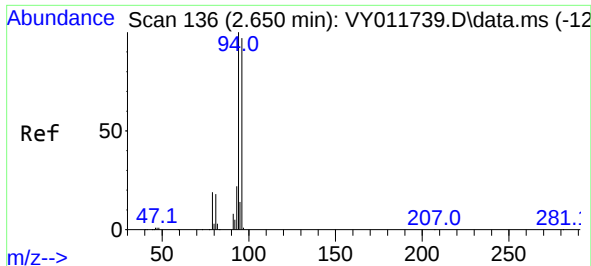
Tgt Ion:168 Resp: 2477
Ion Ratio Lower Upper
168 100
99 48.1 44.0 66.0



#3
Chloromethane
Concen: 2.994 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY012007.D
Acq: 23 Dec 2022 18:55

Tgt Ion: 50 Resp: 66
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

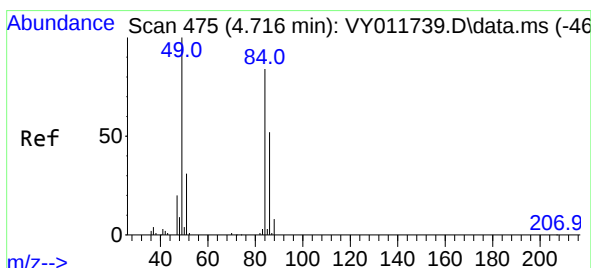
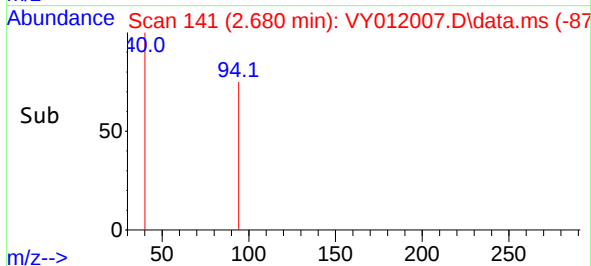
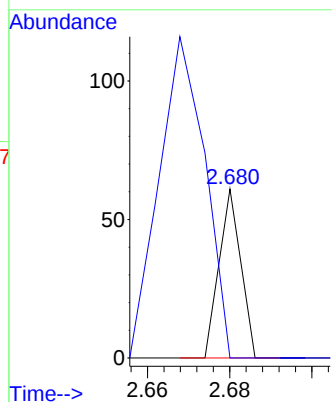
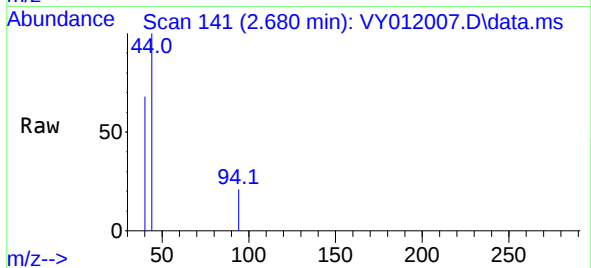




#5
Bromomethane
Concen: 1.272 ug/l
RT: 2.680 min Scan# 14
Delta R.T. 0.030 min
Lab File: VY012007.D
Acq: 23 Dec 2022 18:55

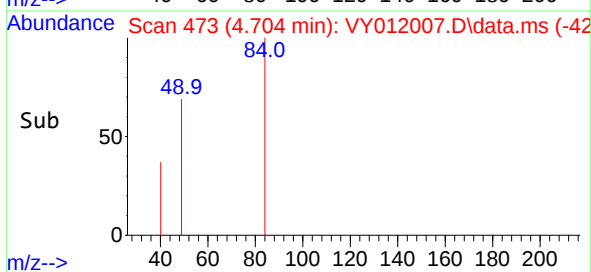
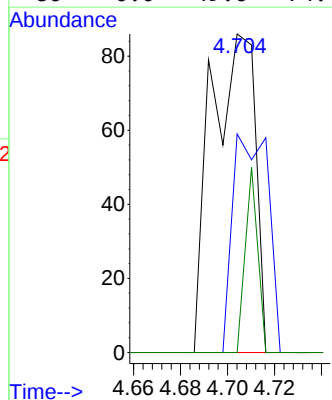
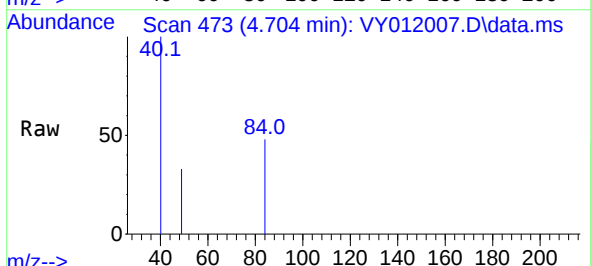
Instrument :
MSVOA_Y
ClientSampleId :

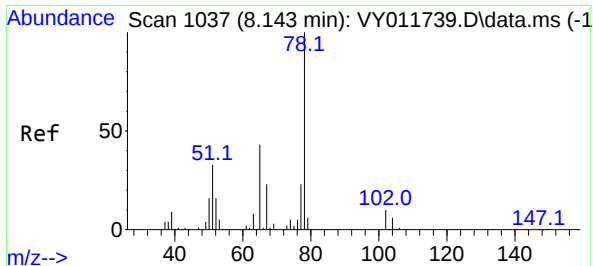
Tgt Ion: 94 Resp: 22
Ion Ratio Lower Upper
94 100
96 0.0 77.4 116.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY012007.D
Acq: 23 Dec 2022 18:55

Tgt Ion: 84 Resp: 111
Ion Ratio Lower Upper
84 100
49 68.6 95.4 143.2#
51 0.0 29.9 44.9#
86 0.0 49.6 74.4#





#33

1,2-Dichloroethane-d4

Concen: 73.011 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY012007.D

Acq: 23 Dec 2022 18:55

Instrument :

MSVOA_Y

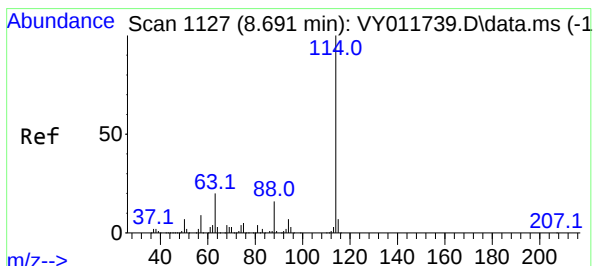
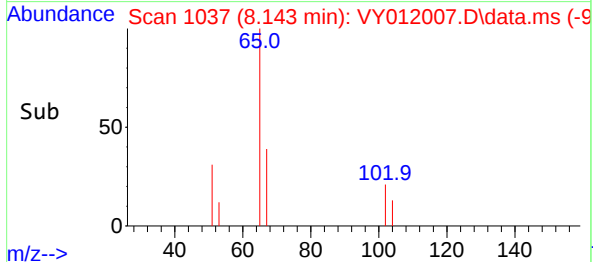
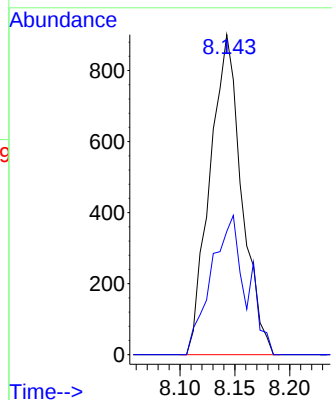
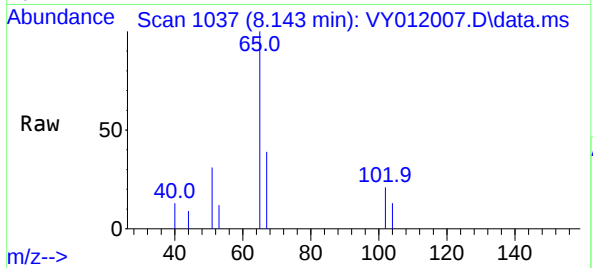
ClientSampleId :

Tgt Ion: 65 Resp: 1822

Ion Ratio Lower Upper

65 100

67 48.3 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012007.D

Acq: 23 Dec 2022 18:55

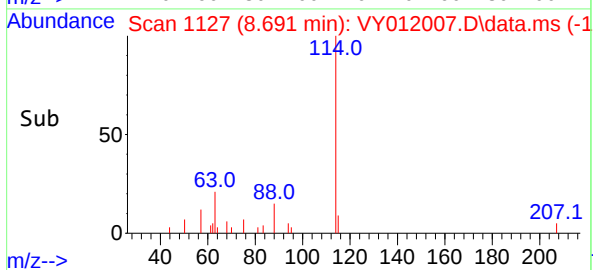
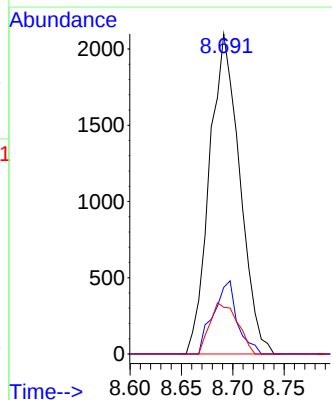
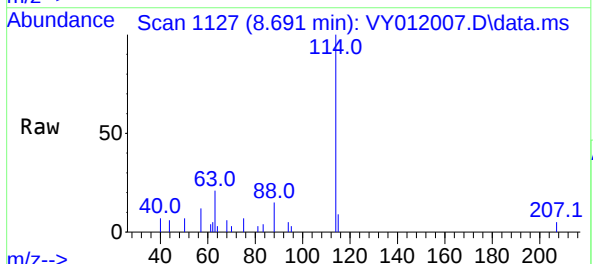
Tgt Ion: 114 Resp: 4291

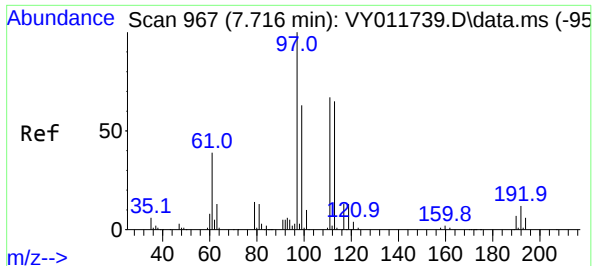
Ion Ratio Lower Upper

114 100

63 20.8 0.0 39.6

88 14.6 0.0 32.2

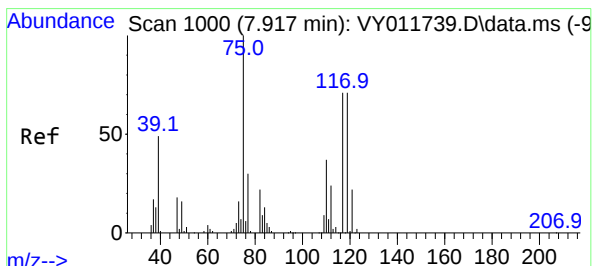
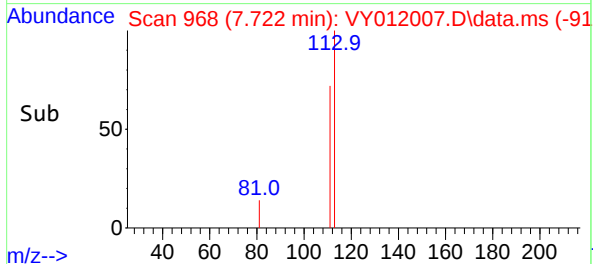
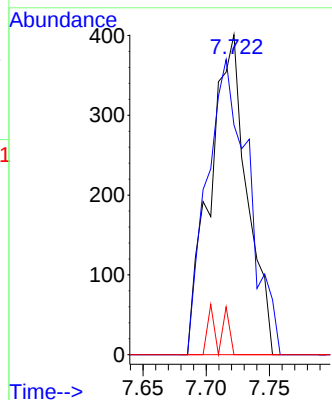
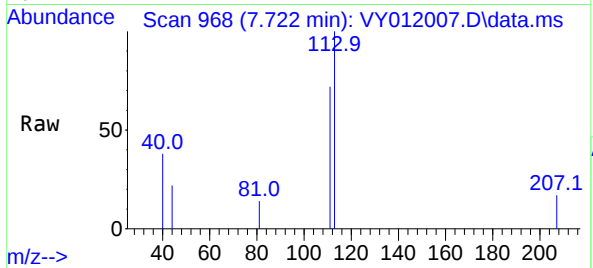




#35
Dibromofluoromethane
Concen: 31.549 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012007.D
Acq: 23 Dec 2022 18:55

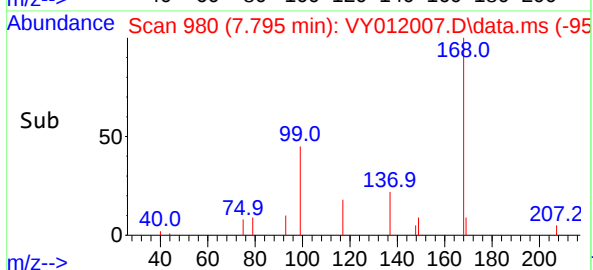
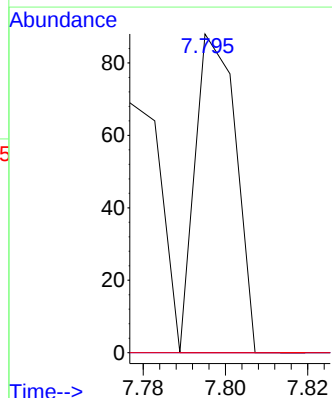
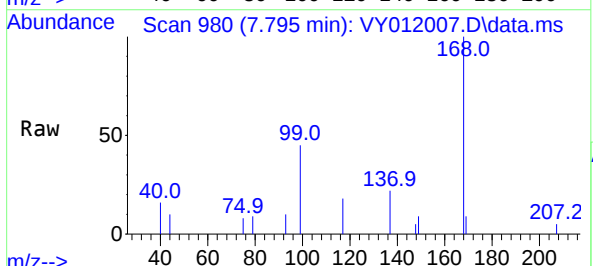
Instrument :
MSVOA_Y
ClientSampleId :

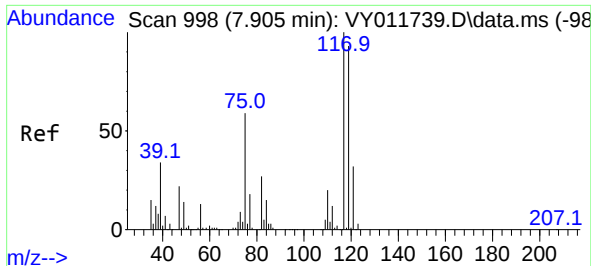
Tgt Ion:113 Resp: 815
Ion Ratio Lower Upper
113 100
111 103.9 83.0 124.4
192 5.5 16.0 24.0#



#36
1,1-Dichloropropene
Concen: 1.448 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY012007.D
Acq: 23 Dec 2022 18:55

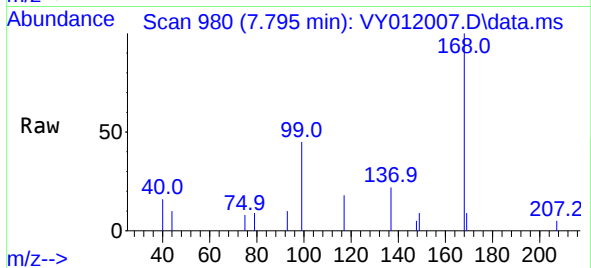
Tgt Ion: 75 Resp: 60
Ion Ratio Lower Upper
75 100
110 0.0 18.1 54.1#
77 0.0 25.1 37.7#



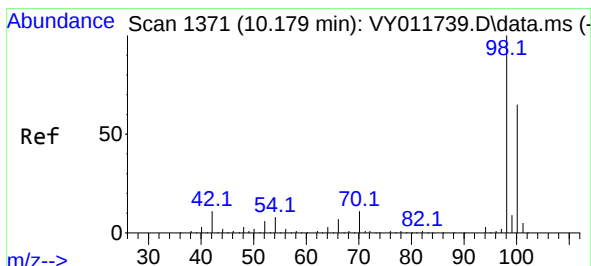
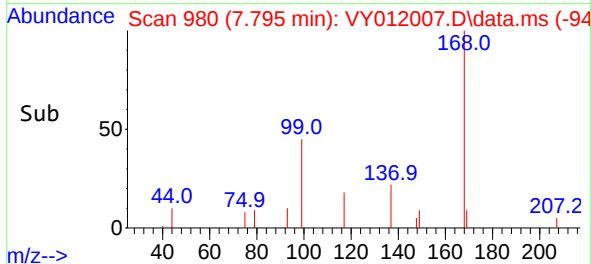
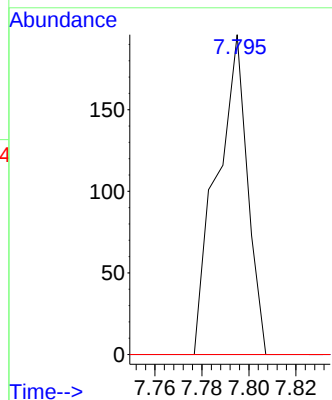


#38
Carbon Tetrachloride
Concen: 3.719 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012007.D
Acq: 23 Dec 2022 18:55

Instrument :
MSVOA_Y
ClientSampleId :

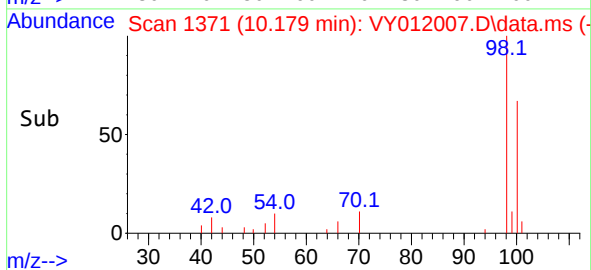
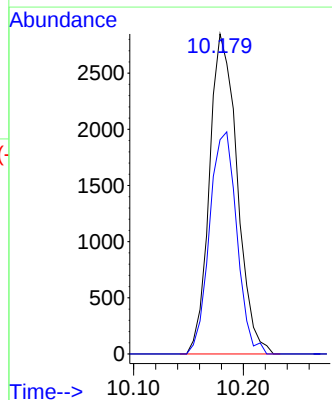
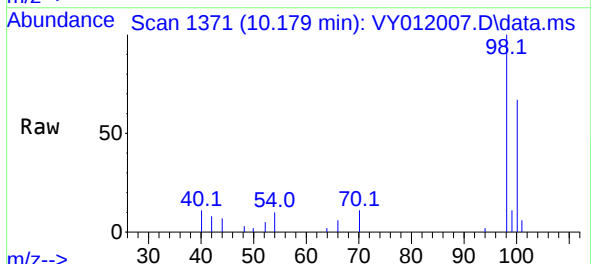


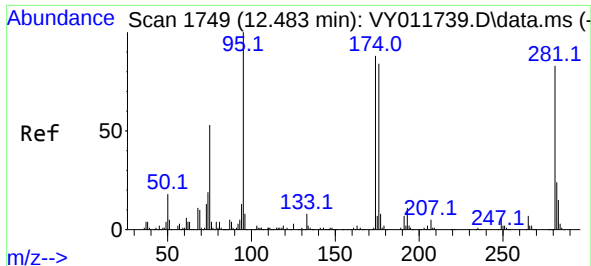
Tgt Ion:117 Resp: 178
Ion Ratio Lower Upper
117 100
119 0.0 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 47.781 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012007.D
Acq: 23 Dec 2022 18:55

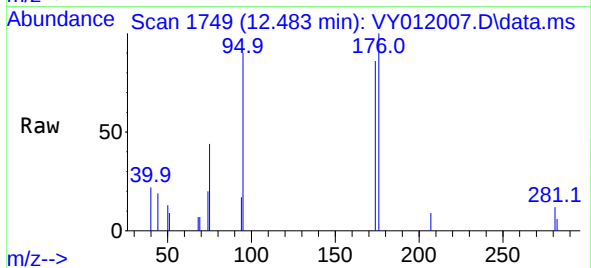
Tgt Ion: 98 Resp: 5008
Ion Ratio Lower Upper
98 100
100 68.2 51.9 77.9



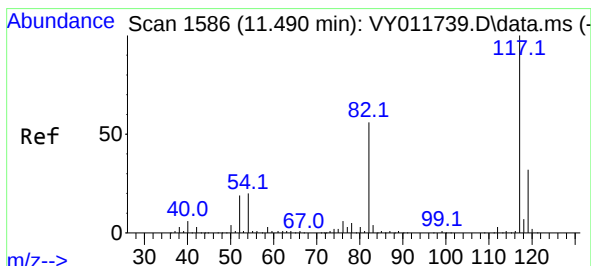
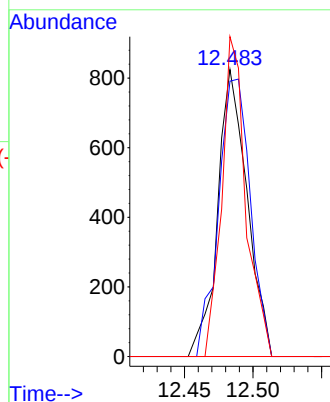
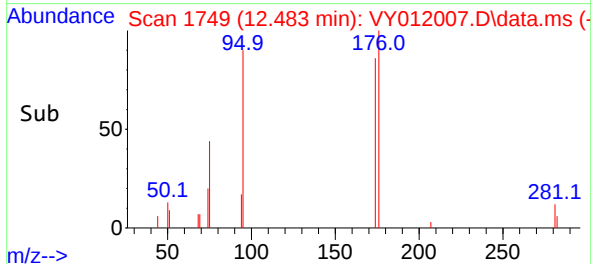


#62
4-Bromofluorobenzene
Concen: 34.950 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012007.D
Acq: 23 Dec 2022 18:55

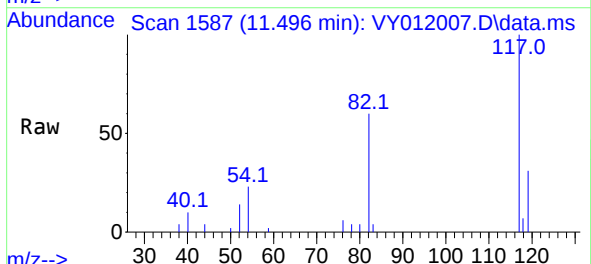
Instrument :
MSVOA_Y
ClientSampleId :



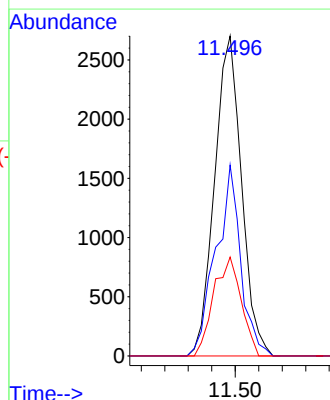
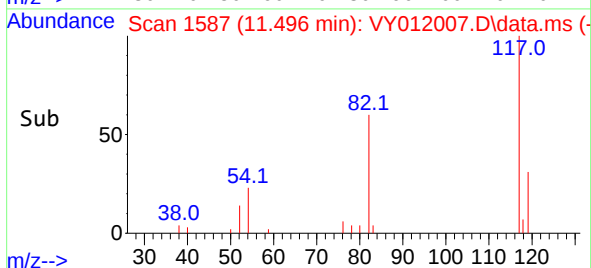
Tgt Ion: 95 Resp: 1232
Ion Ratio Lower Upper
95 100
174 104.5 0.0 172.0
176 91.1 0.0 167.6

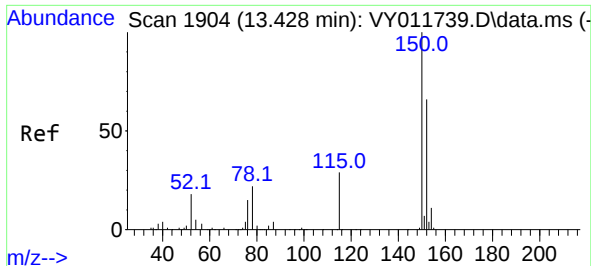


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY012007.D
Acq: 23 Dec 2022 18:55



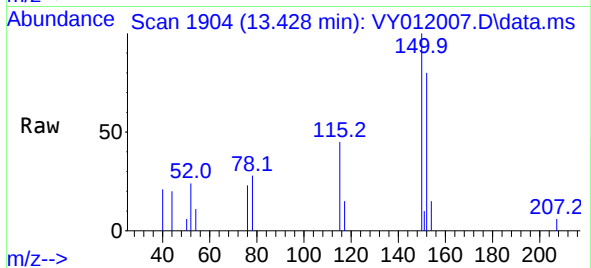
Tgt Ion: 117 Resp: 4305
Ion Ratio Lower Upper
117 100
82 59.6 44.8 67.2
119 30.9 25.4 38.2



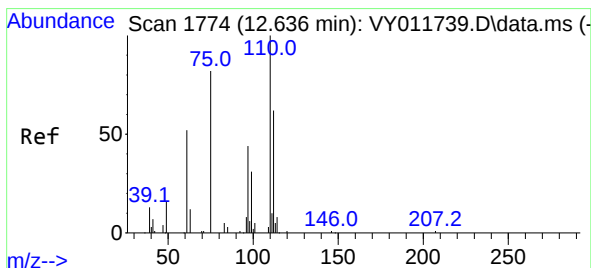
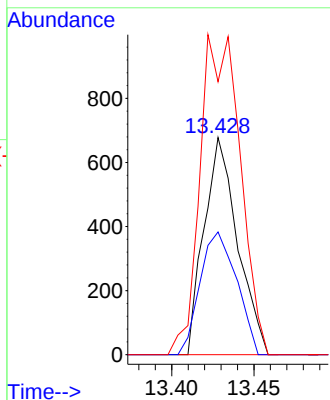
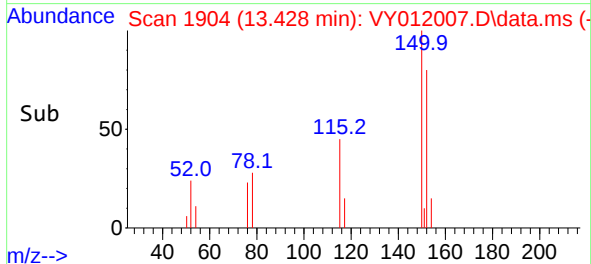


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY012007.D
 Acq: 23 Dec 2022 18:55

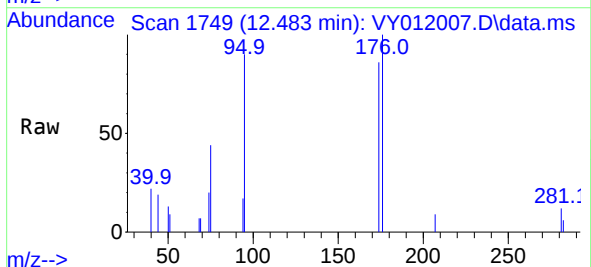
Instrument :
 MSVOA_Y
 ClientSampleId :



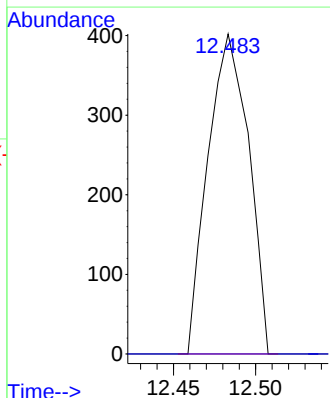
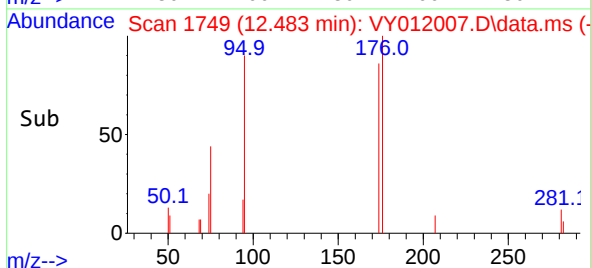
Tgt Ion:152 Resp: 960
 Ion Ratio Lower Upper
 152 100
 115 61.6 29.1 87.3
 150 176.3 0.0 342.6

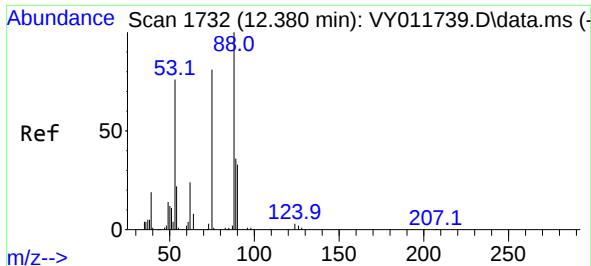


#76
 1,2,3-Trichloropropane
 Concen: 57.929 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY012007.D
 Acq: 23 Dec 2022 18:55



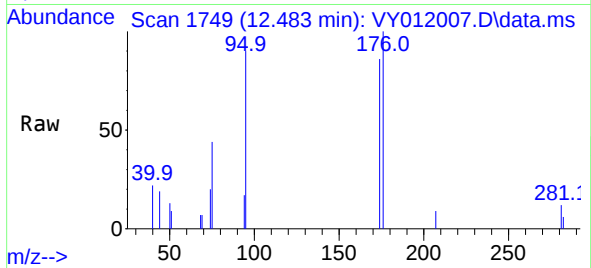
Tgt Ion: 75 Resp: 692
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 158.639 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY012007.D
 Acq: 23 Dec 2022 18:55

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	692
Ion	Ratio	Lower	Upper
75	100		
53	0.0	72.5	108.7#
89	0.0	37.0	55.4#

