

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121322\
 Data File : VY011804.D
 Acq On : 13 Dec 2022 19:12
 Operator : KP/MD
 Sample : N6037-09
 Misc : 5.74g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-22-(8-10)

Quant Time: Dec 13 22:19:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 Response via : Initial Calibration

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

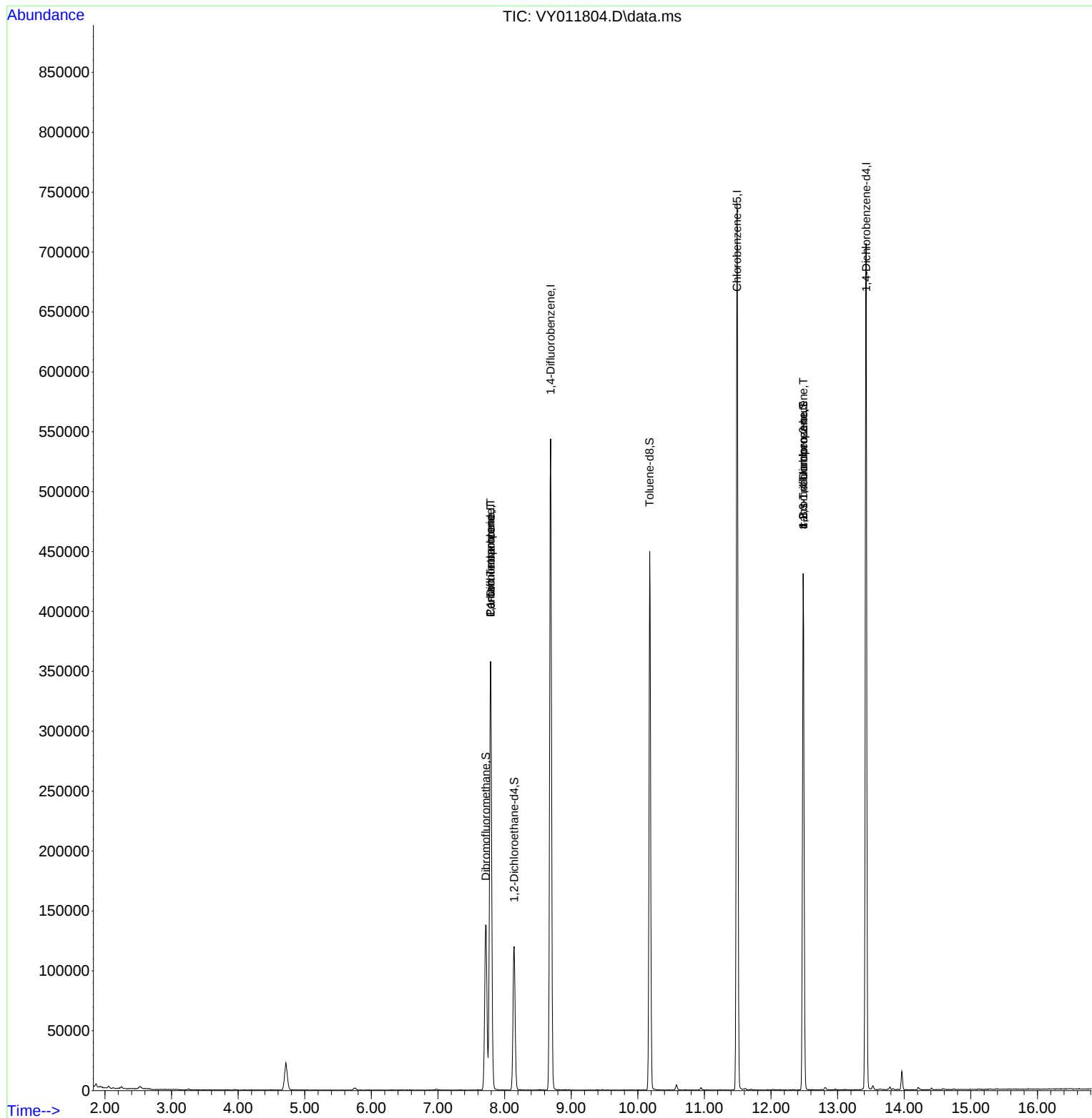
Internal Standards						
1) Pentafluorobenzene	7.789	168	276884	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	466240	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	401912	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	185998	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	95747	50.747	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.500%
35) Dibromofluoromethane	7.716	113	98677	47.437	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.880%
50) Toluene-d8	10.179	98	292046	41.930	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	83.860%
62) 4-Bromofluorobenzene	12.483	95	114075	41.417	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.840%
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	121	Below Cal	#	57
5) Bromomethane	2.668	94	84	Below Cal	#	1
11) Tert butyl alcohol	4.954	59	158	Below Cal	#	74
18) Methyl Acetate	4.710	43	22	Below Cal	#	50
31) Cyclohexane	7.789	56	5558	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	20173	5.702	ug/l #	50
38) Carbon Tetrachloride	7.789	117	27349	6.581	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	60695	32.253	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	60695	73.190	ug/l #	13

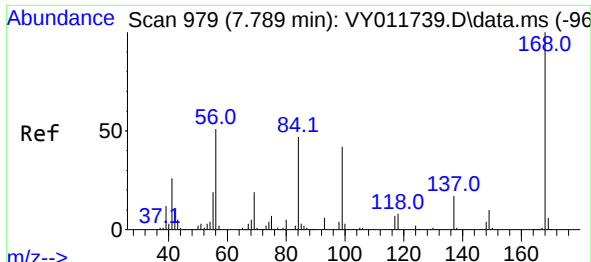
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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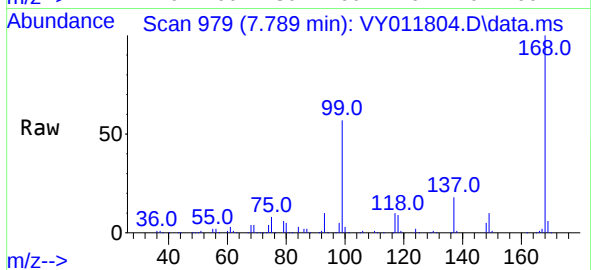
Quant Time: Dec 13 22:19:45 2022
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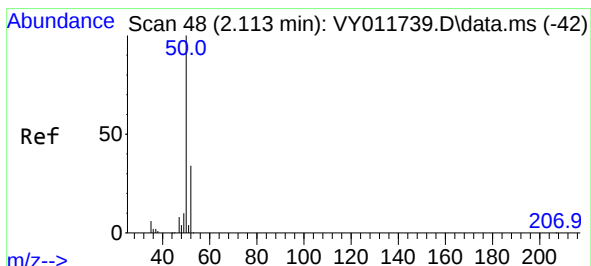
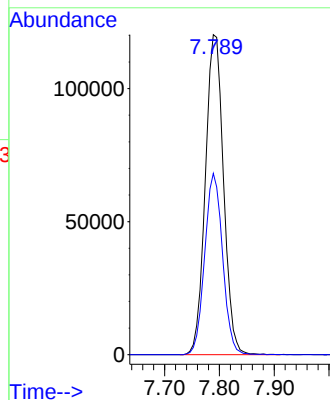
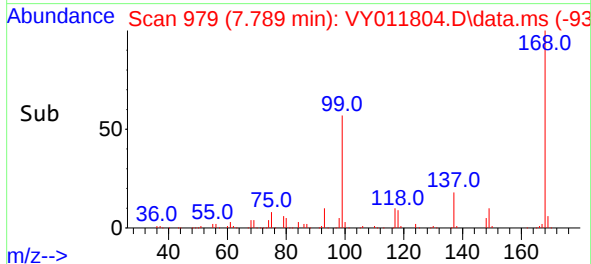


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011804.D
Acq: 13 Dec 2022 19:12

Instrument :
MSVOA_Y
ClientSampleId :
RB-22-(8-10)

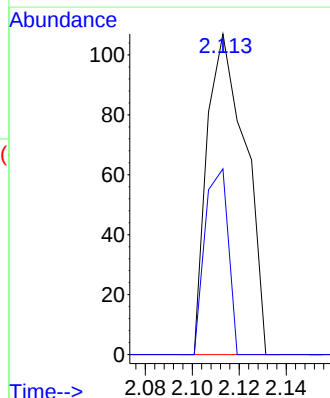
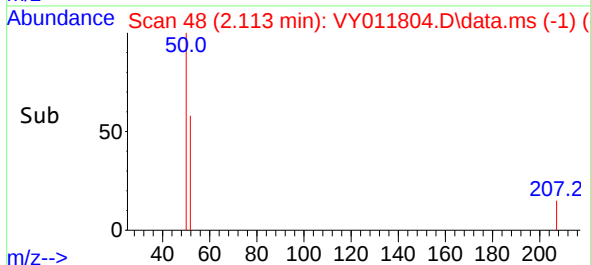
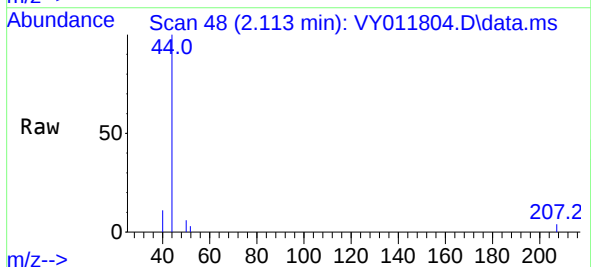


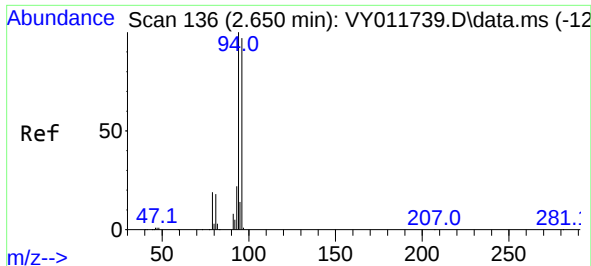
Tgt Ion:168 Resp: 276884
Ion Ratio Lower Upper
168 100
99 56.6 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY011804.D
Acq: 13 Dec 2022 19:12

Tgt Ion: 50 Resp: 121
Ion Ratio Lower Upper
50 100
52 57.9 26.8 40.2#

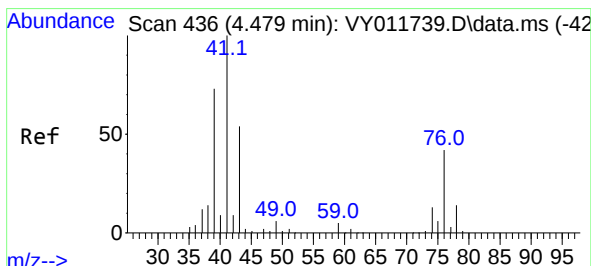
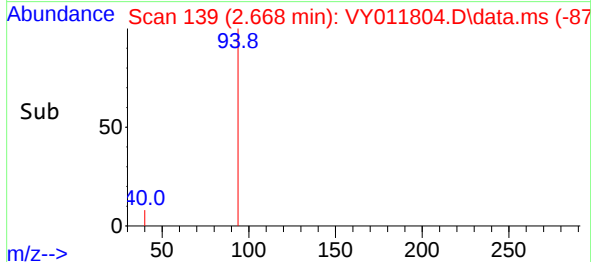
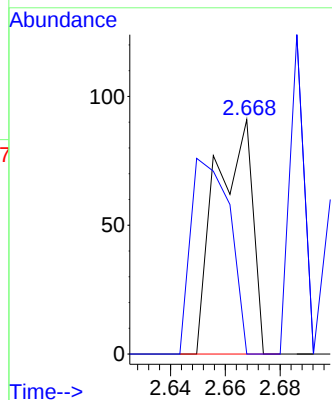
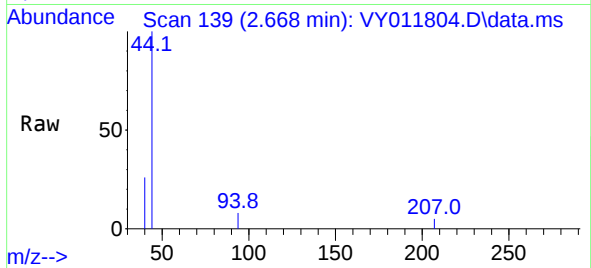




#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY011804.D
Acq: 13 Dec 2022 19:12

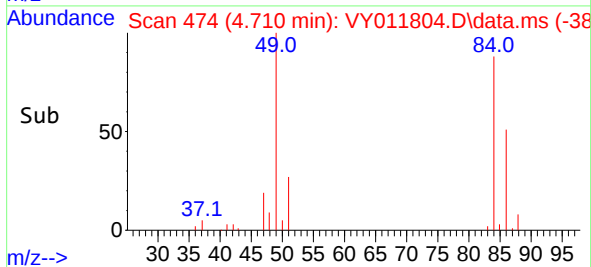
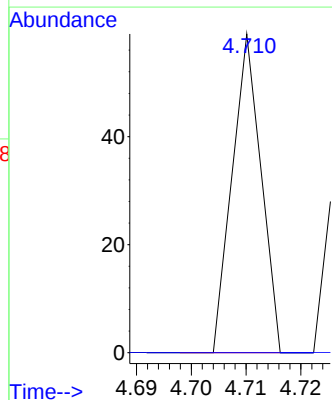
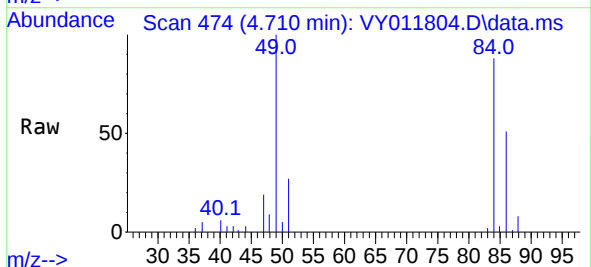
Instrument :
MSVOA_Y
ClientSampleId :
RB-22-(8-10)

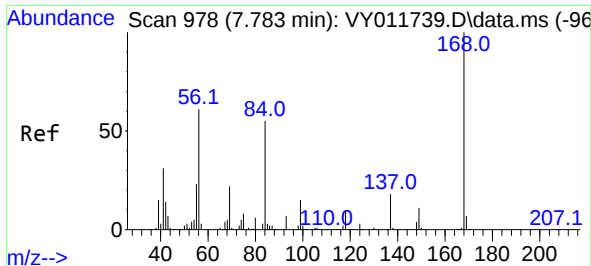
Tgt Ion: 94 Resp: 84
Ion Ratio Lower Upper
94 100
96 0.0 77.4 116.2#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.231 min
Lab File: VY011804.D
Acq: 13 Dec 2022 19:12

Tgt Ion: 43 Resp: 22
Ion Ratio Lower Upper
43 100
74 0.0 20.1 30.1#

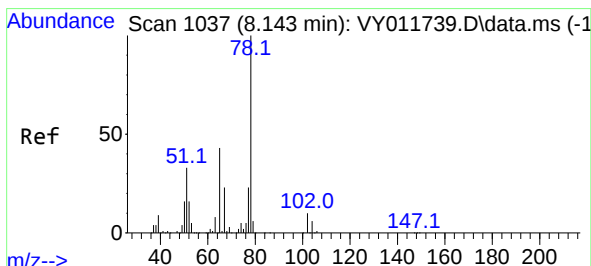
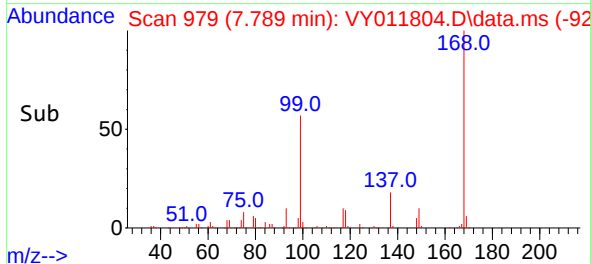
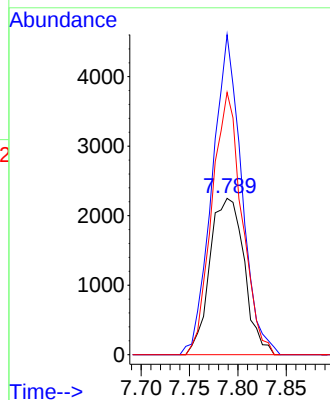
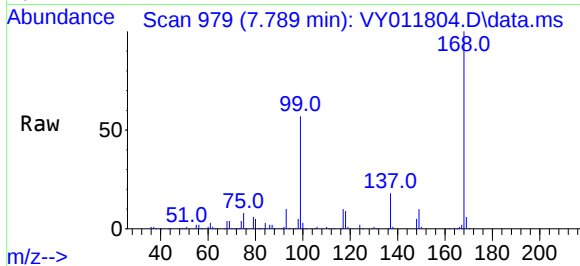




#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011804.D
Acq: 13 Dec 2022 19:12

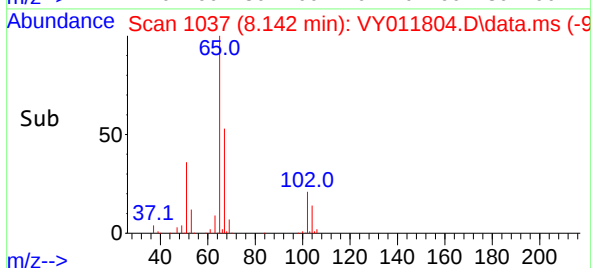
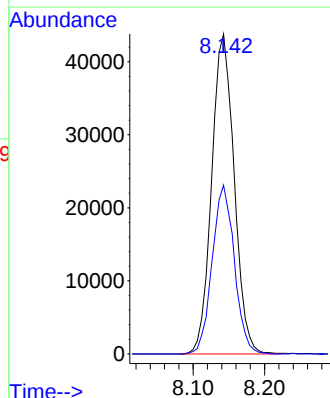
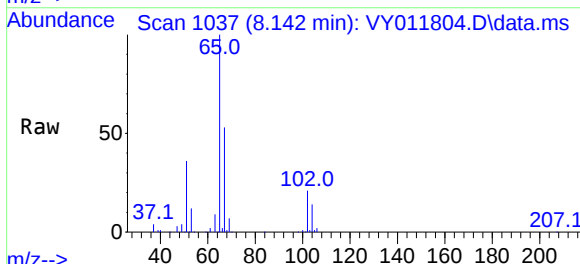
Instrument :
MSVOA_Y
ClientSampleId :
RB-22-(8-10)

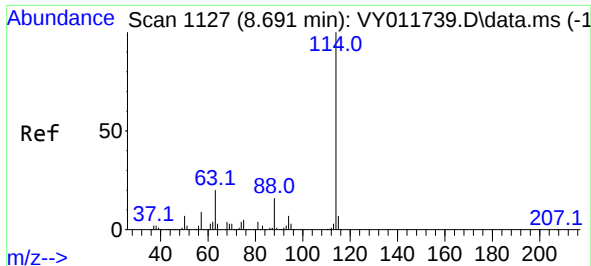
Tgt Ion: 56 Resp: 5558
Ion Ratio Lower Upper
56 100
69 204.6 29.2 43.8#
84 167.7 72.6 108.8#



#33
1,2-Dichloroethane-d4
Concen: 50.747 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011804.D
Acq: 13 Dec 2022 19:12

Tgt Ion: 65 Resp: 95747
Ion Ratio Lower Upper
65 100
67 51.9 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: VY011804.D

Acq: 13 Dec 2022 19:12

Instrument :

MSVOA_Y

ClientSampleId :

RB-22-(8-10)

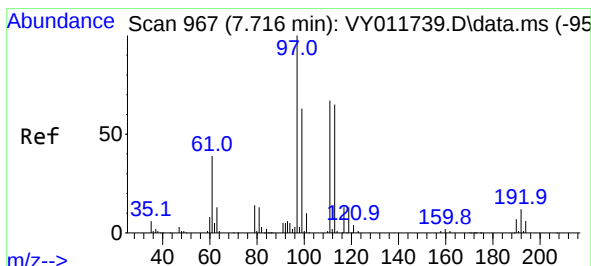
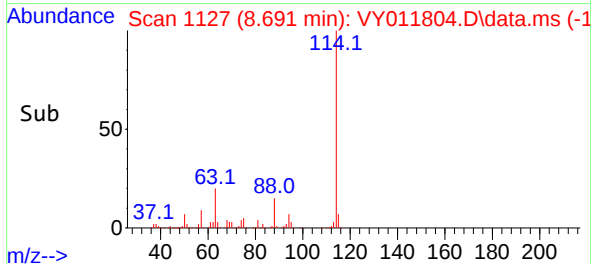
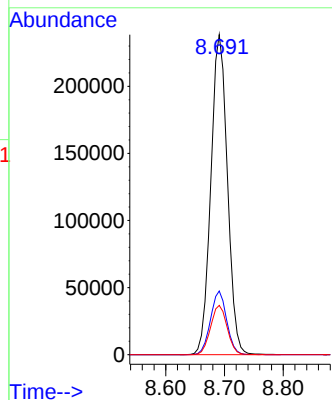
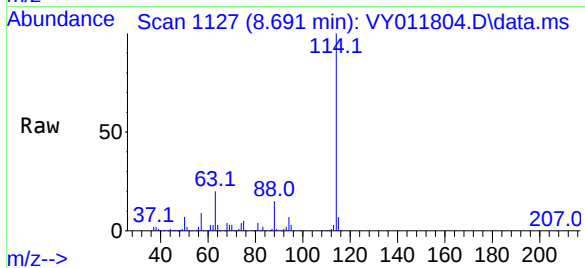
Tgt Ion:114 Resp: 466240

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.6

88 15.4 0.0 32.2



#35

Dibromofluoromethane

Concen: 47.437 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY011804.D

Acq: 13 Dec 2022 19:12

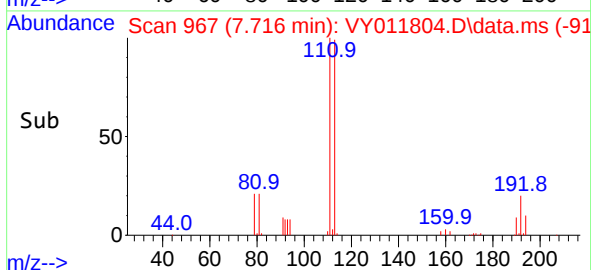
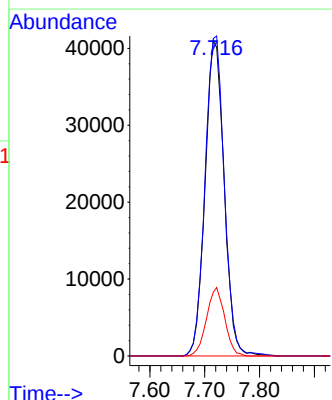
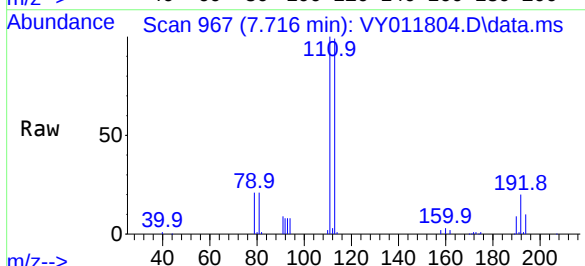
Tgt Ion:113 Resp: 98677

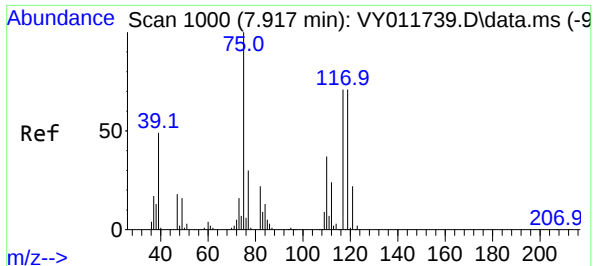
Ion Ratio Lower Upper

113 100

111 102.8 83.0 124.4

192 20.7 16.0 24.0

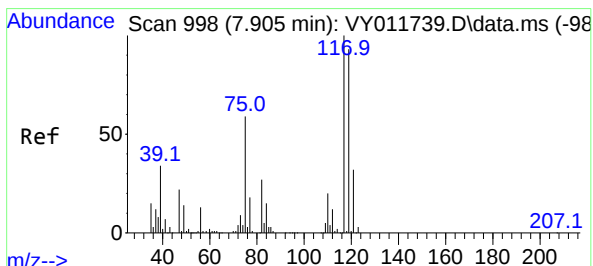
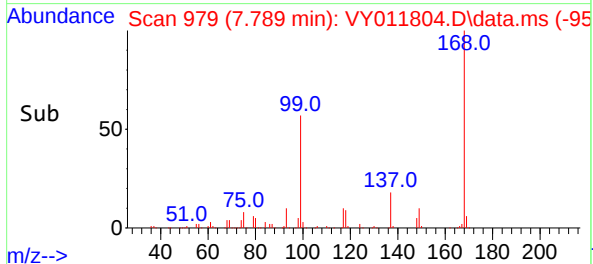
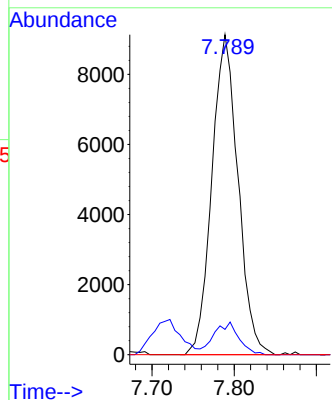
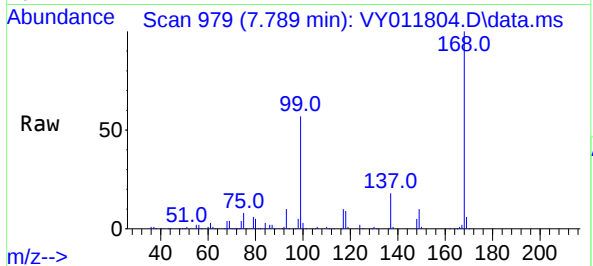




#36
1,1-Dichloropropene
Concen: 5.702 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY011804.D
Acq: 13 Dec 2022 19:12

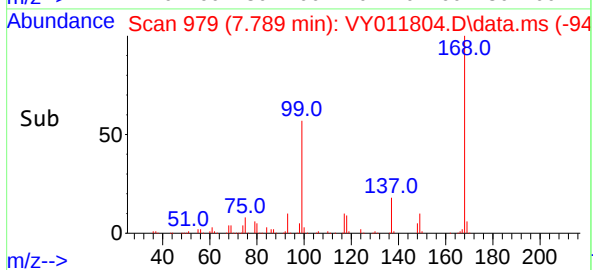
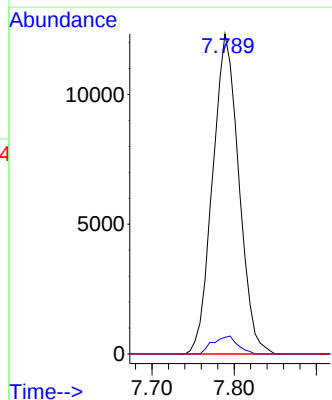
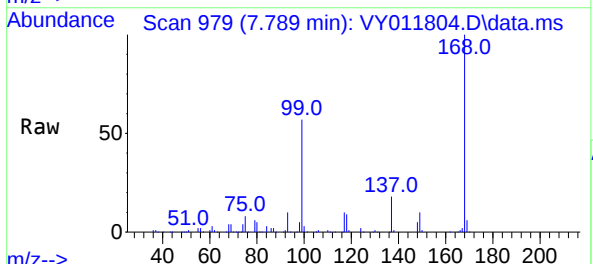
Instrument :
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RB-22-(8-10)

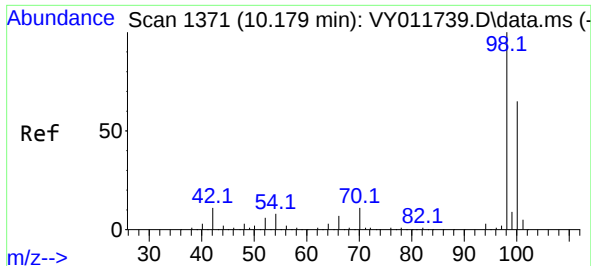
Tgt Ion: 75 Resp: 20173
Ion Ratio Lower Upper
75 100
110 9.7 18.1 54.1#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.581 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY011804.D
Acq: 13 Dec 2022 19:12

Tgt Ion: 117 Resp: 27349
Ion Ratio Lower Upper
117 100
119 5.2 73.8 110.8#
121 0.0 25.2 37.8#

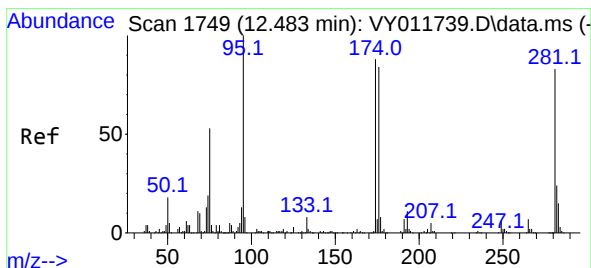
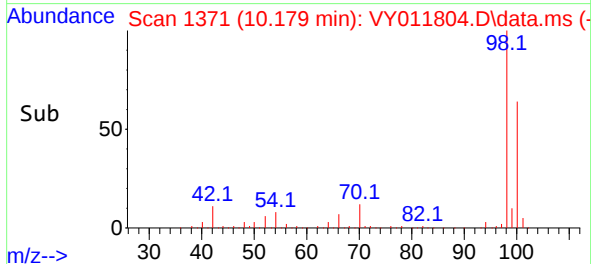
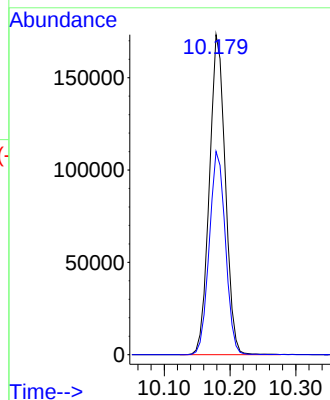
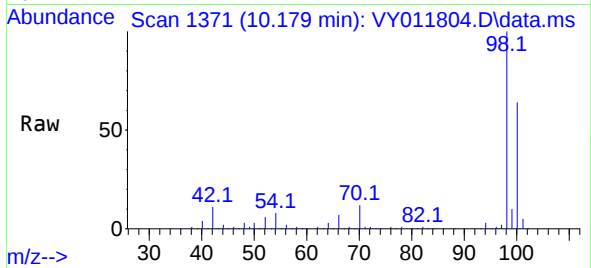




#50
Toluene-d8
Concen: 41.930 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011804.D
Acq: 13 Dec 2022 19:12

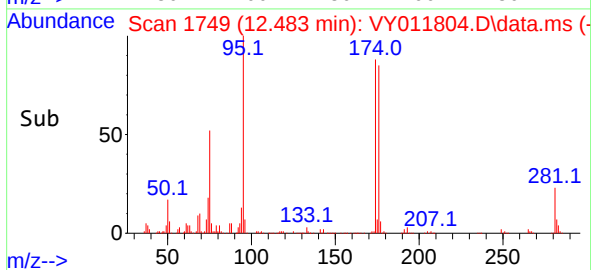
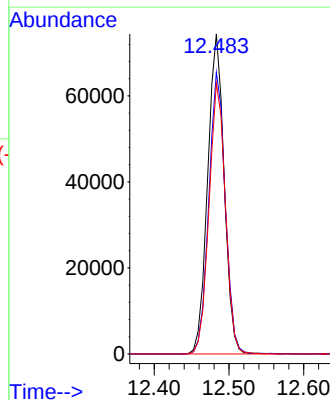
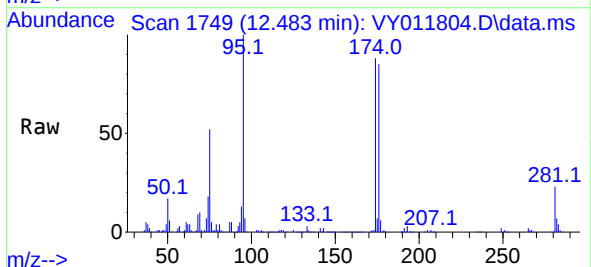
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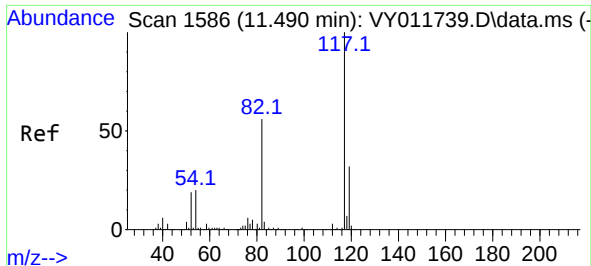
Tgt Ion: 98 Resp: 292046
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 41.417 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011804.D
Acq: 13 Dec 2022 19:12

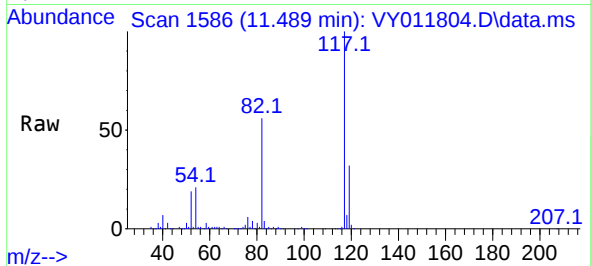
Tgt Ion: 95 Resp: 114075
Ion Ratio Lower Upper
95 100
174 87.6 0.0 172.0
176 83.9 0.0 167.6





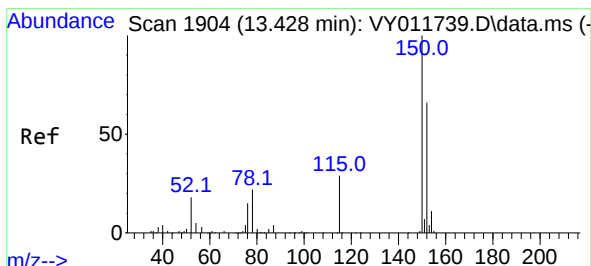
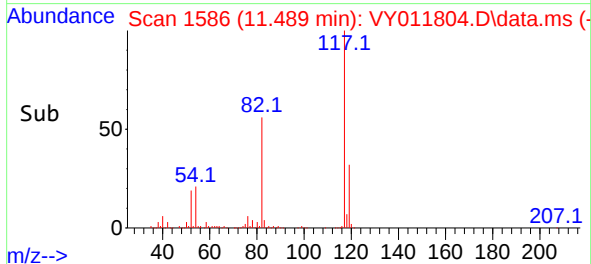
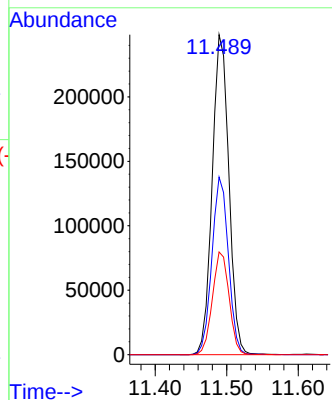
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11586
Delta R.T. -0.000 min
Lab File: VY011804.D
Acq: 13 Dec 2022 19:12

Instrument :
MSVOA_Y
ClientSampleId :
RB-22-(8-10)



Tgt Ion:117 Resp: 401912

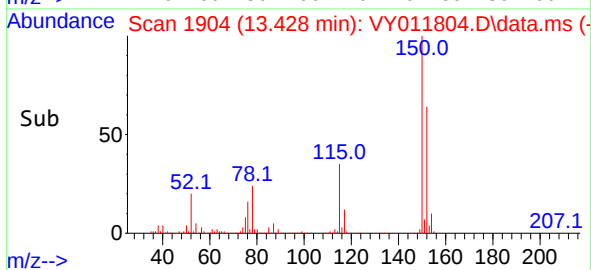
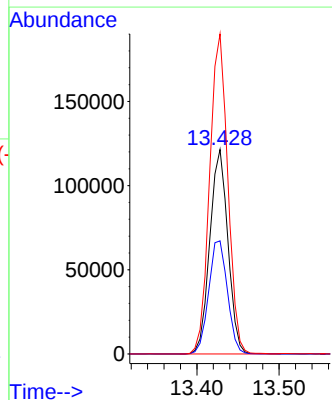
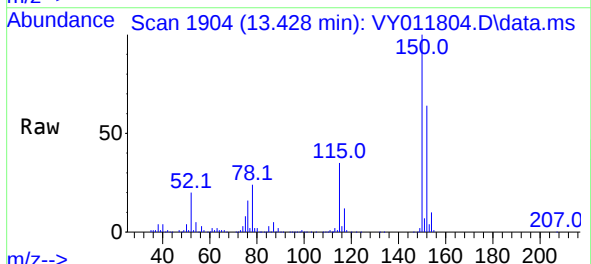
Ion	Ratio	Lower	Upper
117	100		
82	55.5	44.8	67.2
119	32.1	25.4	38.2

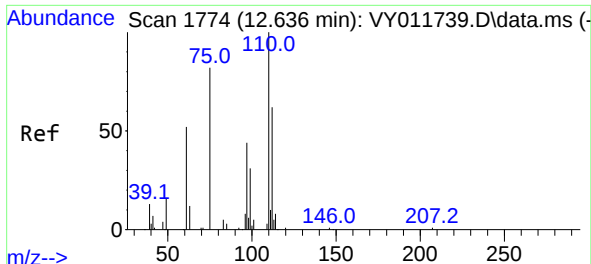


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY011804.D
Acq: 13 Dec 2022 19:12

Tgt Ion:152 Resp: 185998

Ion	Ratio	Lower	Upper
152	100		
115	57.5	29.1	87.3
150	156.7	0.0	342.6

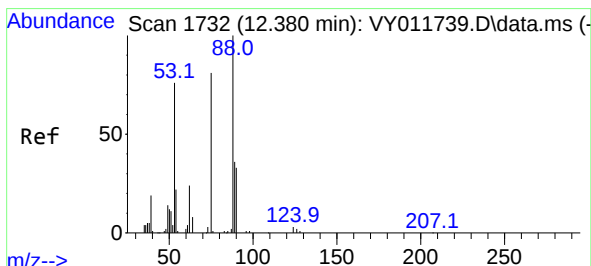
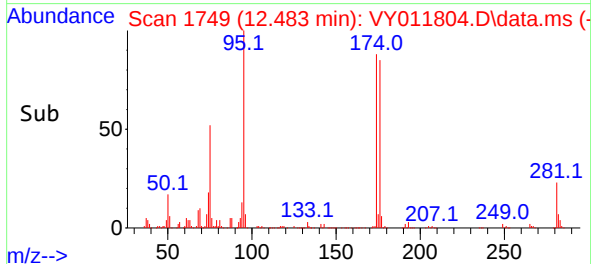
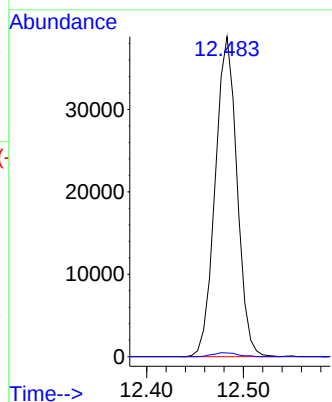
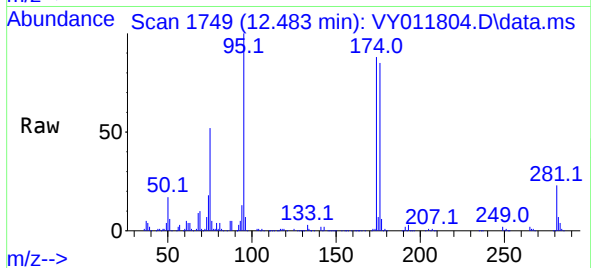




#76
1,2,3-Trichloropropane
Concen: 32.253 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY011804.D
Acq: 13 Dec 2022 19:12

Instrument :
MSVOA_Y
ClientSampleId :
RB-22-(8-10)

Tgt Ion: 75 Resp: 60695
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.190 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY011804.D
Acq: 13 Dec 2022 19:12

Tgt Ion: 75 Resp: 60695
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.2 37.0 55.4#

