

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122222\
 Data File : VY011983.D
 Acq On : 22 Dec 2022 18:32
 Operator : KP/MD
 Sample : N6183-02
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 R-2

Quant Time: Dec 23 04:33:38 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)

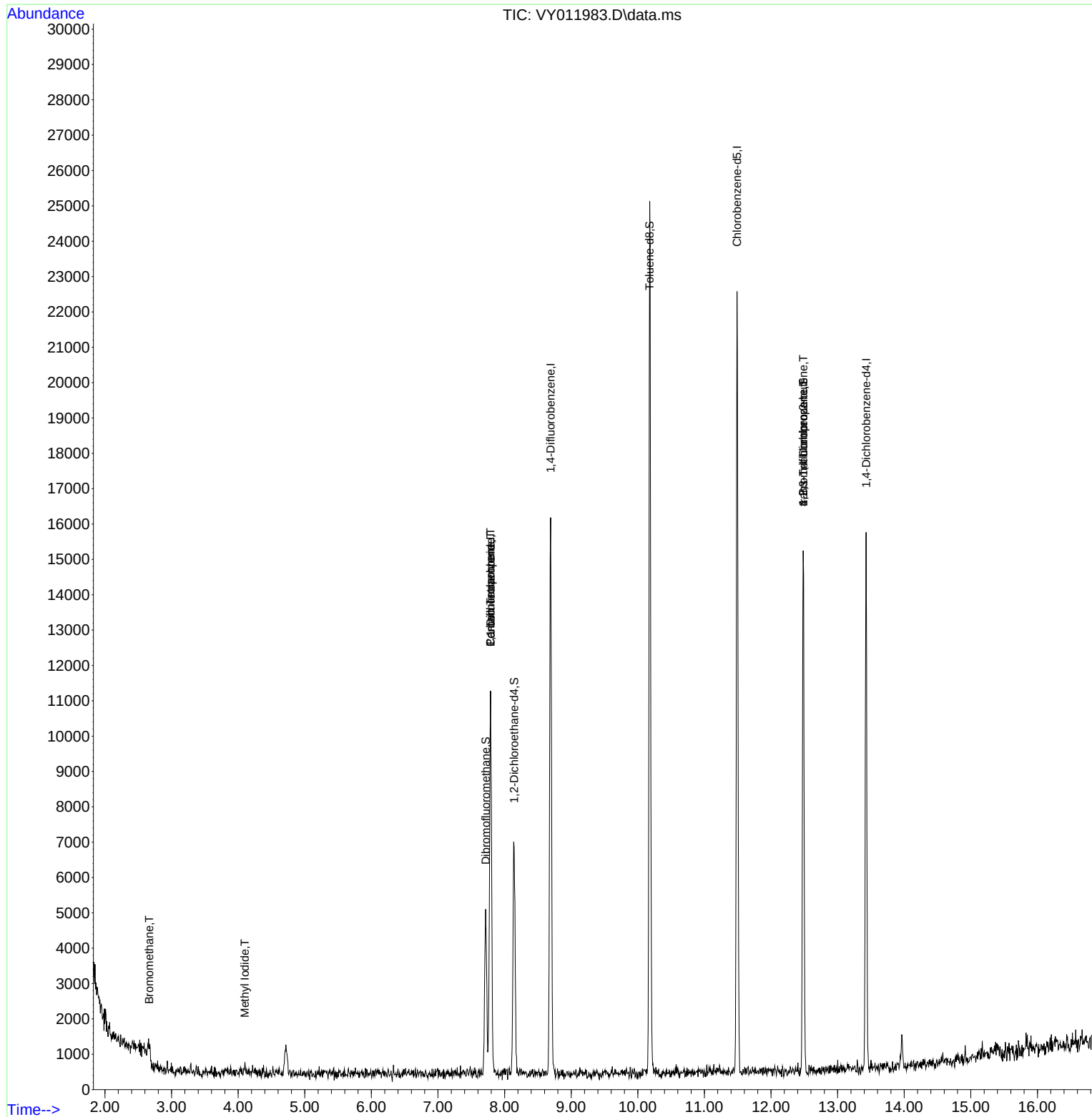
Internal Standards						
1) Pentafluorobenzene	7.789	168	8769	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	14766	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	13071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4517	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	5931	67.134	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.260%
35) Dibromofluoromethane	7.716	113	3229	36.324	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	72.640%
50) Toluene-d8	10.179	98	17163	47.586	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.180%
62) 4-Bromofluorobenzene	12.483	95	4831	39.827	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.660%
Target Compounds						Qvalue
5) Bromomethane	2.662	94	198	3.234	ug/l	83
10) Methyl Iodide	4.101	142	282	2.457	ug/l #	50
36) 1,1-Dichloropropene	7.789	75	634	4.446	ug/l #	44
38) Carbon Tetrachloride	7.789	117	886	5.380	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	2343	41.685	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	2343	114.156	ug/l #	13

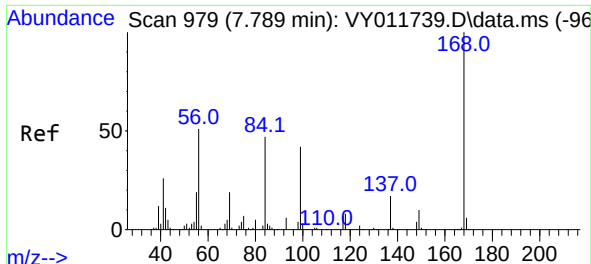
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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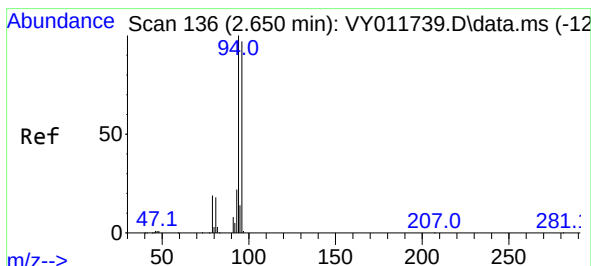
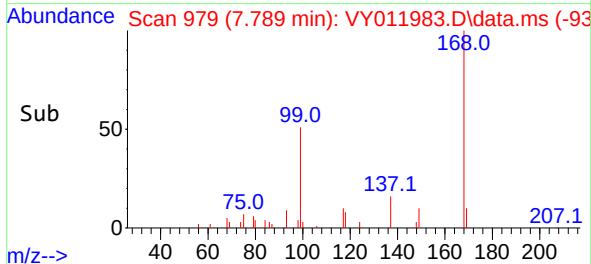
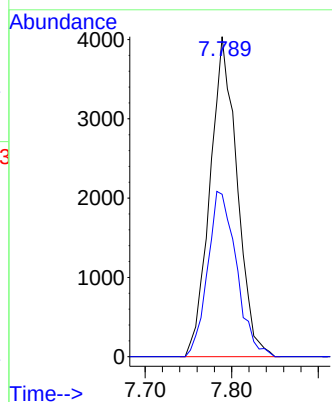
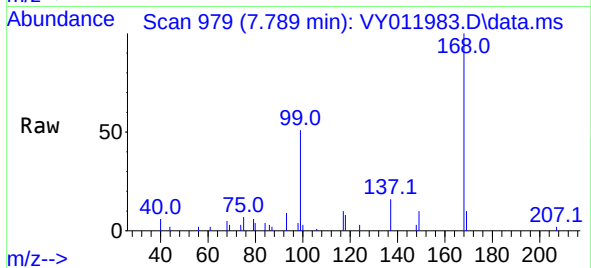




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011983.D
Acq: 22 Dec 2022 18:32

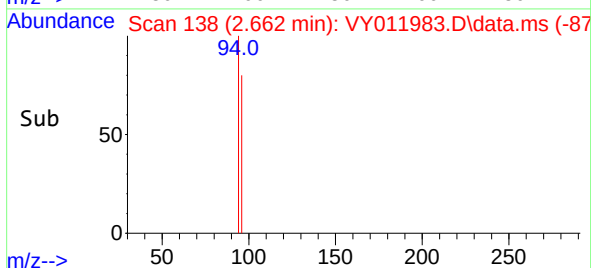
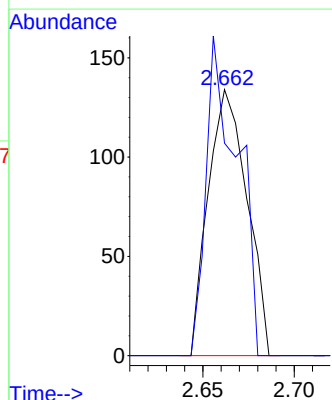
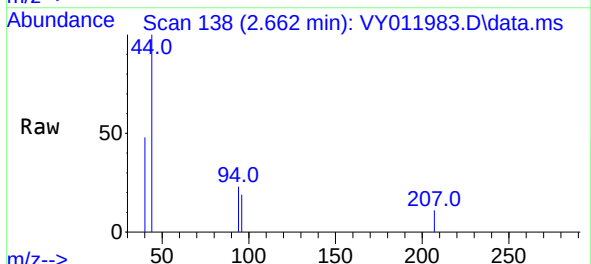
Instrument :
MSVOA_Y
ClientSampleId :
R-2

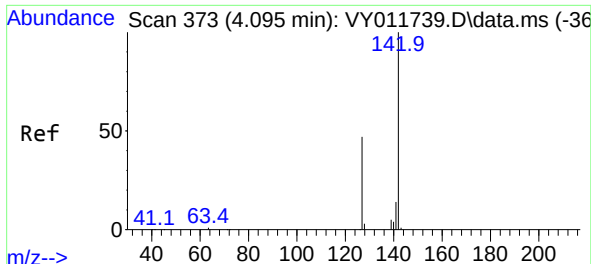
Tgt Ion:168 Resp: 8769
Ion Ratio Lower Upper
168 100
99 50.7 44.0 66.0



#5
Bromomethane
Concen: 3.234 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.012 min
Lab File: VY011983.D
Acq: 22 Dec 2022 18:32

Tgt Ion: 94 Resp: 198
Ion Ratio Lower Upper
94 100
96 79.9 77.4 116.2

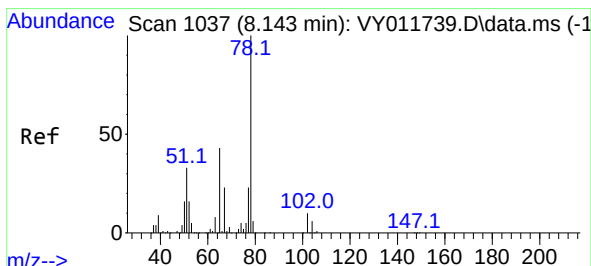
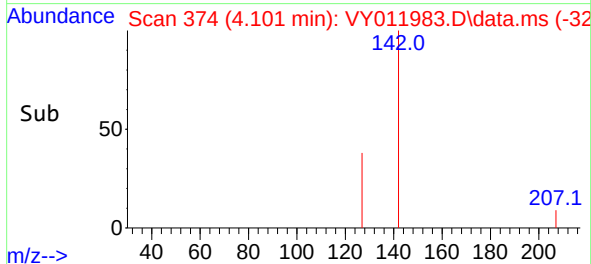
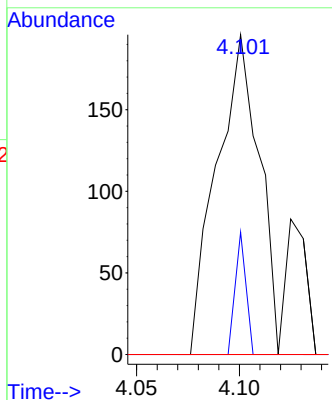
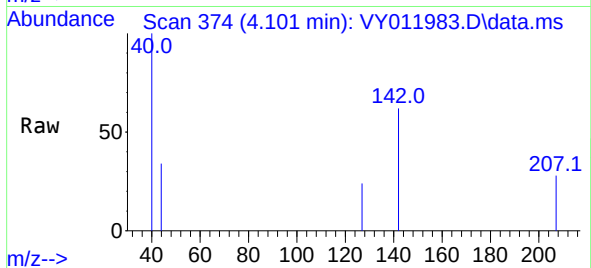




#10
Methyl Iodide
Concen: 2.457 ug/l
RT: 4.101 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY011983.D
Acq: 22 Dec 2022 18:32

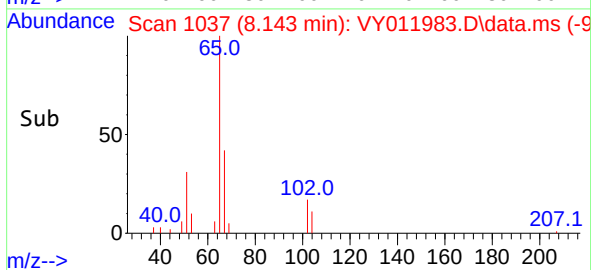
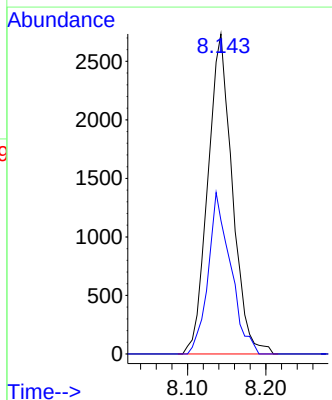
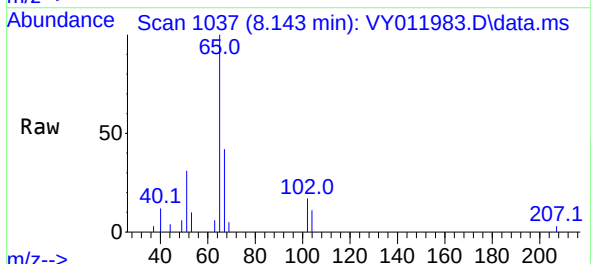
Instrument :
MSVOA_Y
ClientSampleId :
R-2

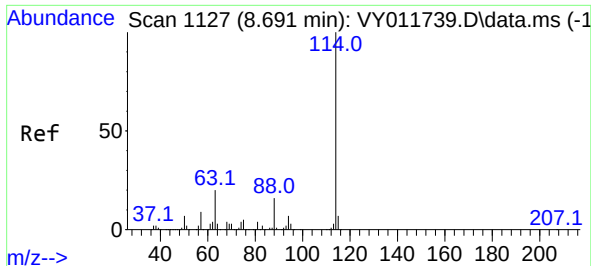
Tgt Ion:142 Resp: 282
Ion Ratio Lower Upper
142 100
127 9.6 37.0 55.4#
141 0.0 11.4 17.0#



#33
1,2-Dichloroethane-d4
Concen: 67.134 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011983.D
Acq: 22 Dec 2022 18:32

Tgt Ion: 65 Resp: 5931
Ion Ratio Lower Upper
65 100
67 46.2 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: VY011983.D

Acq: 22 Dec 2022 18:32

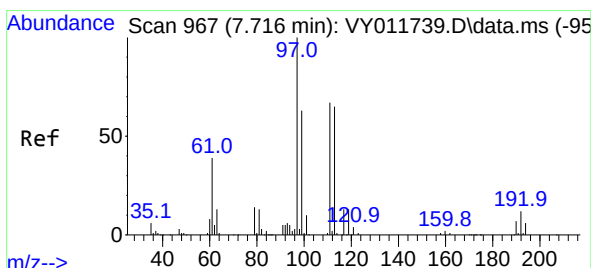
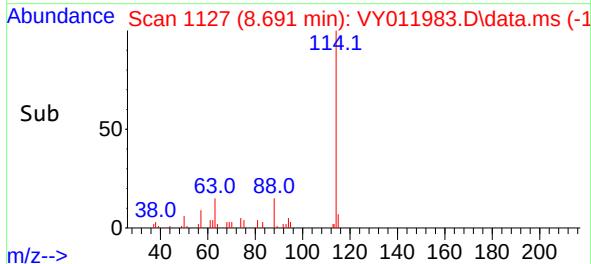
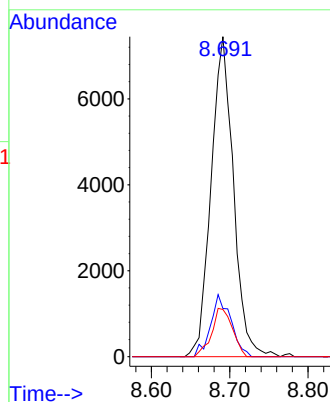
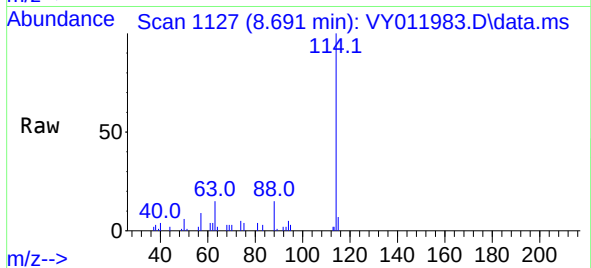
Instrument :

MSVOA_Y

ClientSampleId :

R-2

Tgt Ion:	114	Resp:	14766
Ion	Ratio	Lower	Upper
114	100		
63	15.1	0.0	39.6
88	14.7	0.0	32.2



#35

Dibromofluoromethane

Concen: 36.324 ug/l

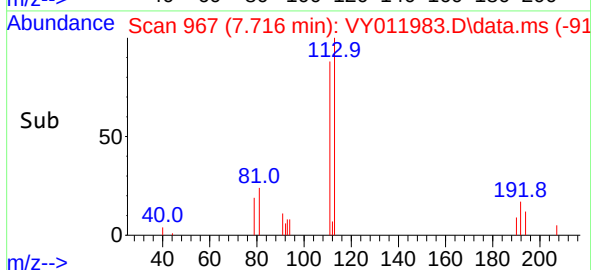
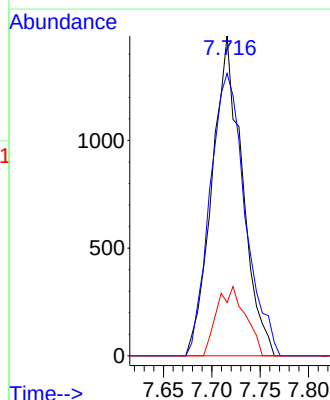
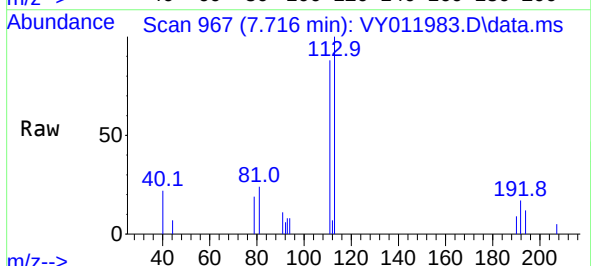
RT: 7.716 min Scan# 967

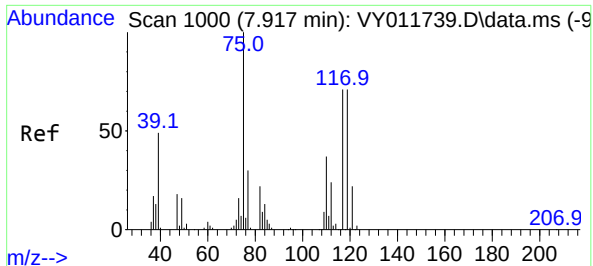
Delta R.T. -0.000 min

Lab File: VY011983.D

Acq: 22 Dec 2022 18:32

Tgt Ion:	113	Resp:	3229
Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.0	124.4
192	20.4	16.0	24.0





#36

1,1-Dichloropropene

Concen: 4.446 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY011983.D

Acq: 22 Dec 2022 18:32

Instrument :

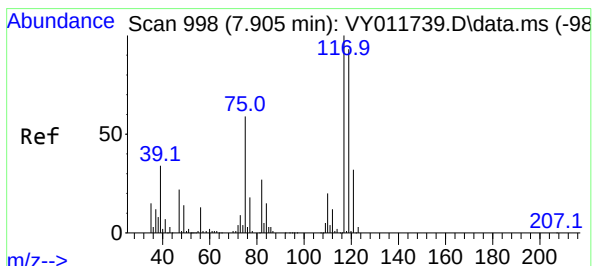
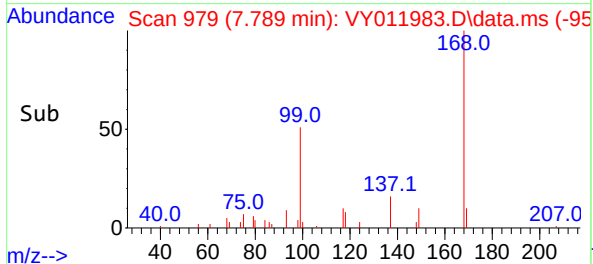
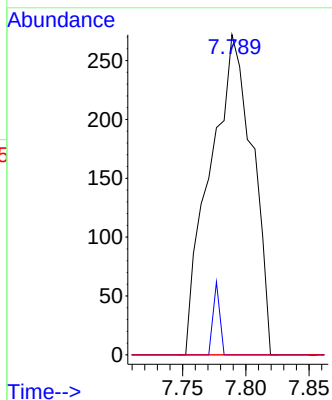
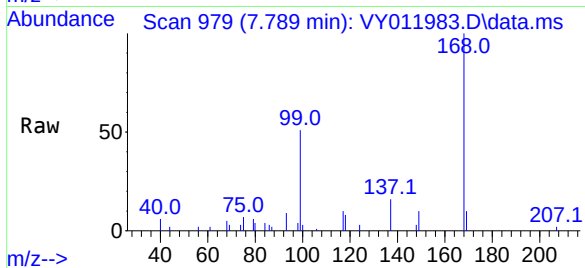
MSVOA_Y

ClientSampleId :

R-2

Tgt Ion: 75 Resp: 634

Ion	Ratio	Lower	Upper
75	100		
110	3.6	18.1	54.1#
77	0.0	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 5.380 ug/l

RT: 7.789 min Scan# 979

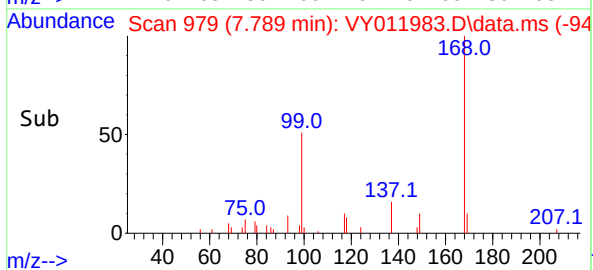
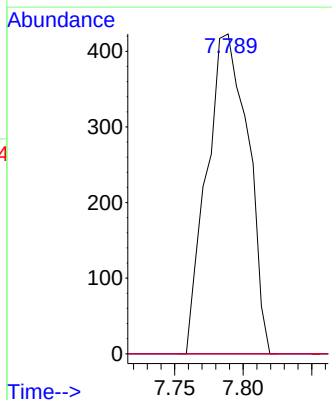
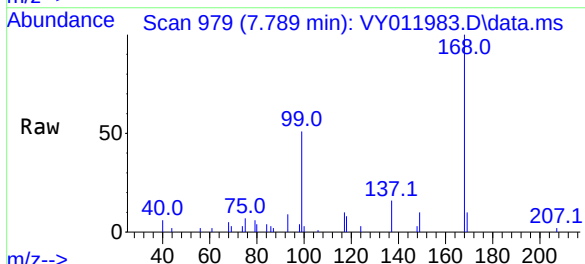
Delta R.T. -0.116 min

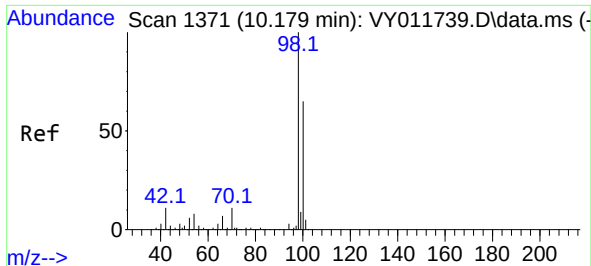
Lab File: VY011983.D

Acq: 22 Dec 2022 18:32

Tgt Ion: 117 Resp: 886

Ion	Ratio	Lower	Upper
117	100		
119	0.0	73.8	110.8#
121	0.0	25.2	37.8#

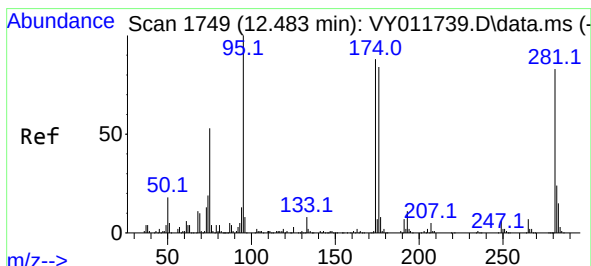
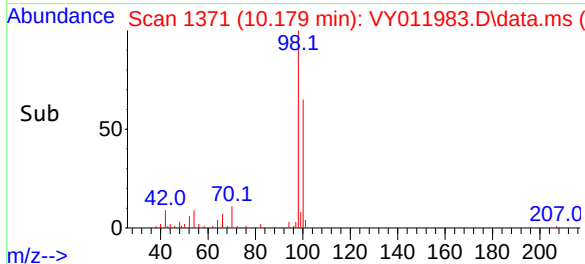
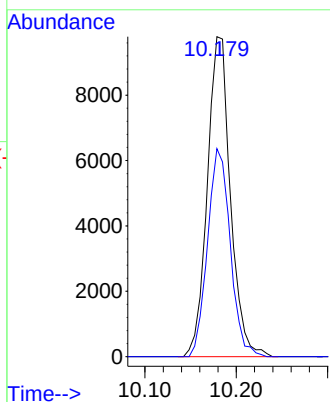
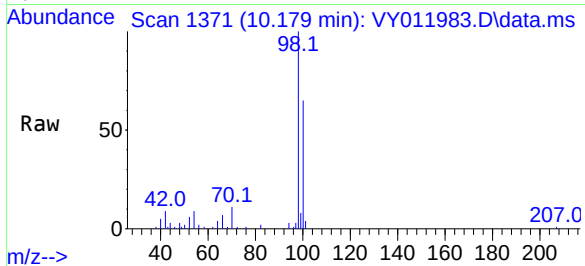




#50
Toluene-d8
Concen: 47.586 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011983.D
Acq: 22 Dec 2022 18:32

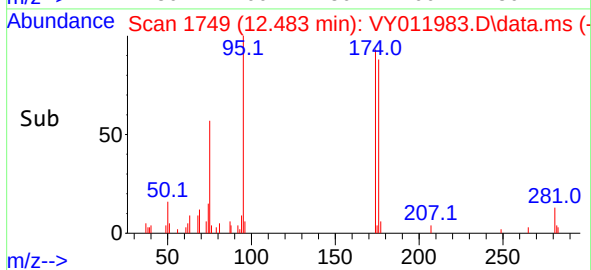
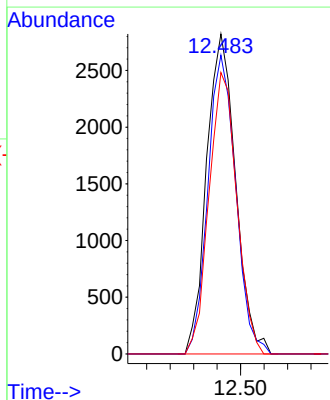
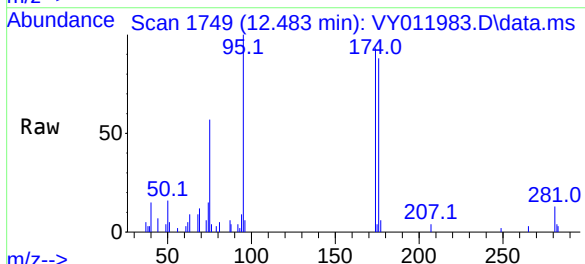
Instrument :
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ClientSampleId :
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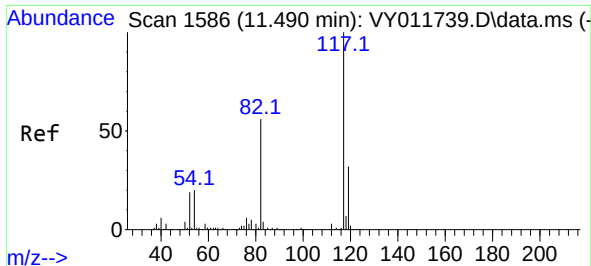
Tgt Ion: 98 Resp: 17163
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 39.827 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011983.D
Acq: 22 Dec 2022 18:32

Tgt Ion: 95 Resp: 4831
Ion Ratio Lower Upper
95 100
174 89.6 0.0 172.0
176 84.3 0.0 167.6

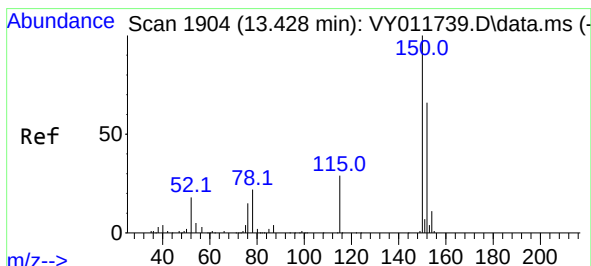
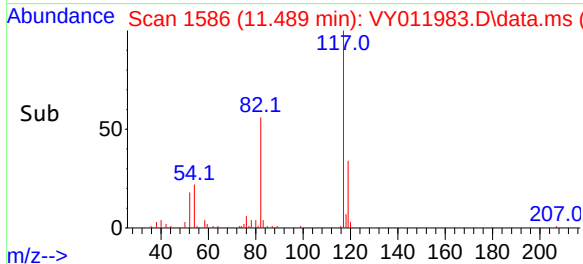
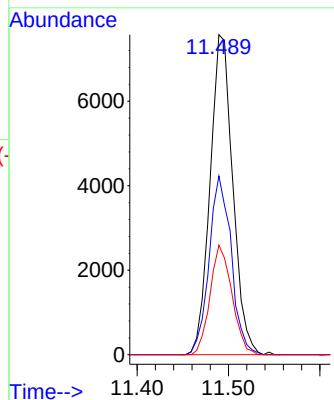
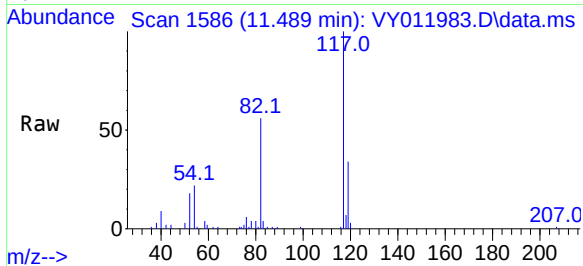




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY011983.D
Acq: 22 Dec 2022 18:32

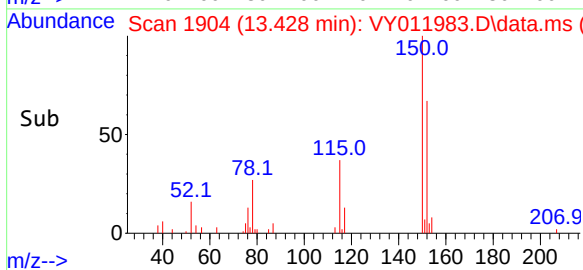
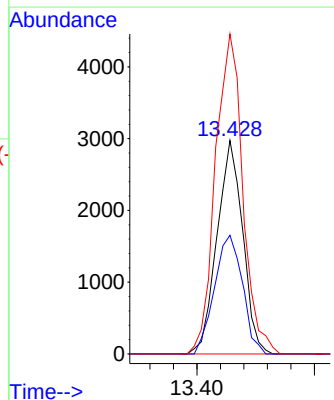
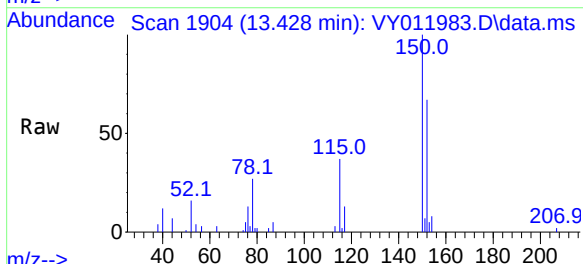
Instrument :
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ClientSampleId :
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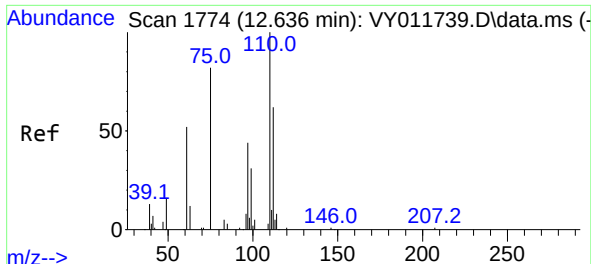
Tgt Ion:	117	Resp:	13071
Ion	Ratio	Lower	Upper
117	100		
82	55.8	44.8	67.2
119	34.2	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY011983.D
Acq: 22 Dec 2022 18:32

Tgt Ion:	152	Resp:	4517
Ion	Ratio	Lower	Upper
152	100		
115	60.5	29.1	87.3
150	159.6	0.0	342.6

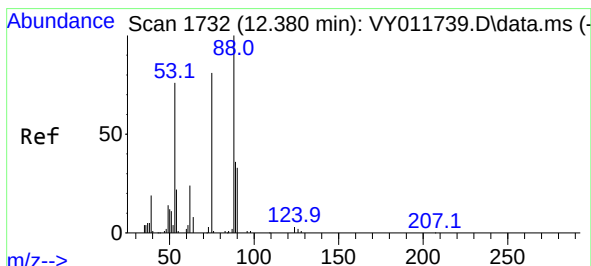
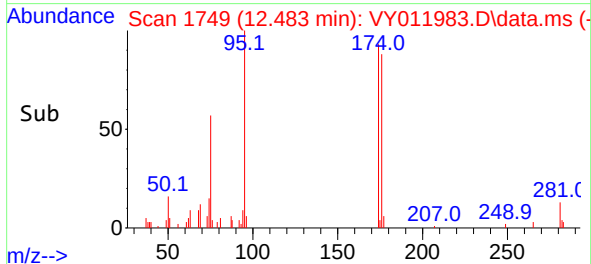
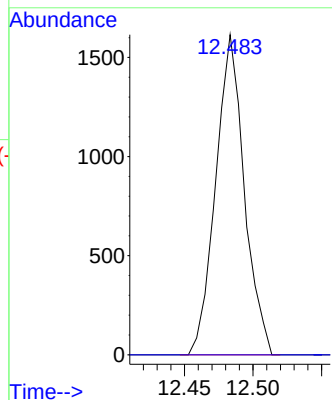
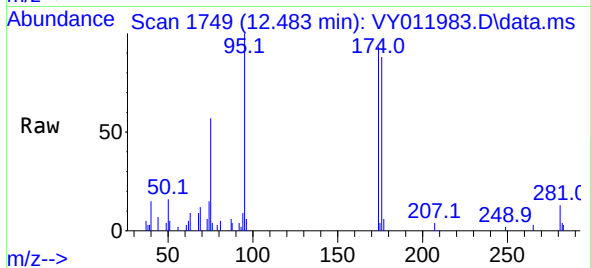




#76
1,2,3-Trichloropropane
Concen: 41.685 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY011983.D
Acq: 22 Dec 2022 18:32

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion: 75 Resp: 2343
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 114.156 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY011983.D
Acq: 22 Dec 2022 18:32

Tgt Ion: 75 Resp: 2343
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#

