

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062923\
 Data File : VY014493.D
 Acq On : 29 Jun 2023 12:08
 Operator : KP/MD
 Sample : 03434-01RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT2665RE

Quant Time: Jun 30 04:08:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

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

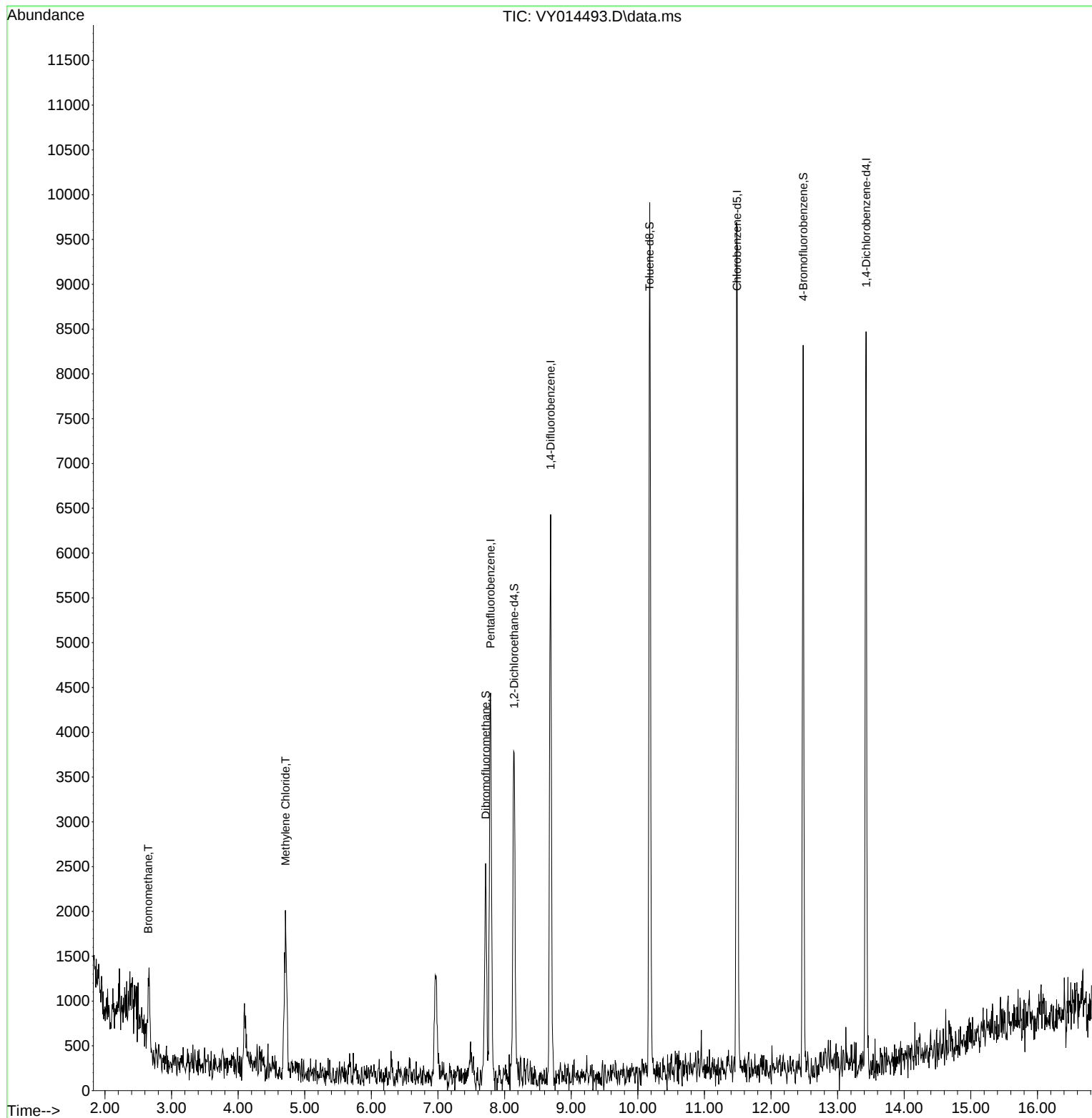
Internal Standards						
1) Pentafluorobenzene	7.789	168	3790	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	6218	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	5829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2519	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	3767	80.053	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	160.100%	
35) Dibromofluoromethane	7.716	113	1653	43.029	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	86.060%	
50) Toluene-d8	10.179	98	6688	43.796	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	87.600%	
62) 4-Bromofluorobenzene	12.483	95	2121	38.905	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	77.800%	
Target Compounds						
5) Bromomethane	2.650	94	438	13.285	ug/l #	67
20) Methylene Chloride	4.710	84	1306	28.108	ug/l #	77

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

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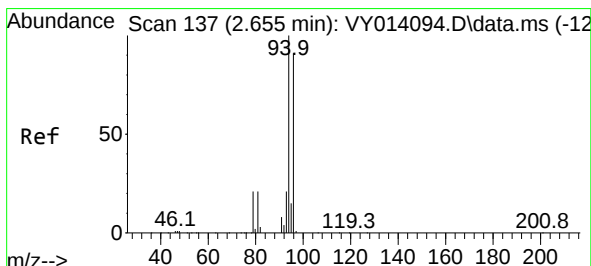
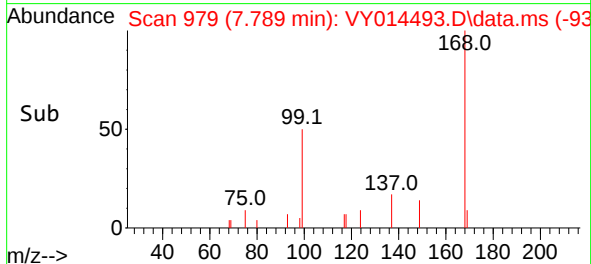
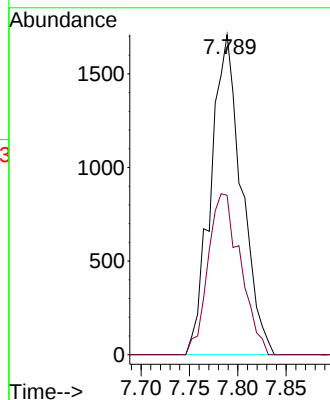
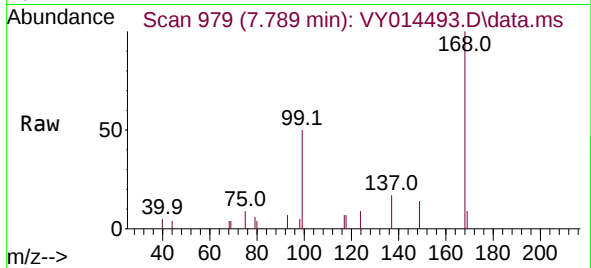




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014493.D
Acq: 29 Jun 2023 12:08

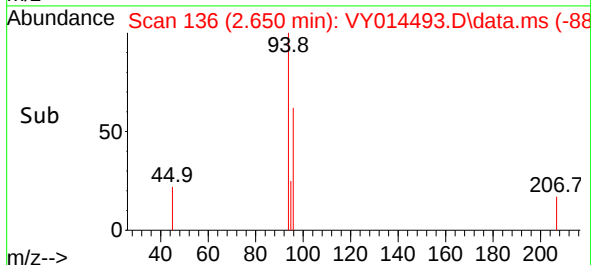
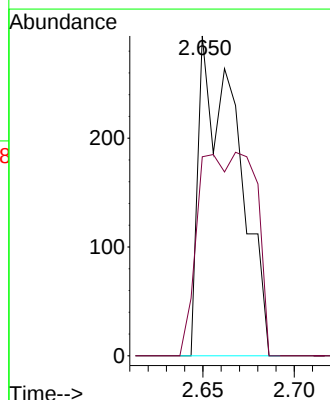
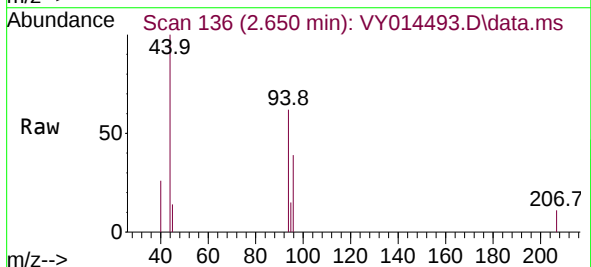
Instrument :
MSVOA_Y
ClientSampleId :
RT2665RE

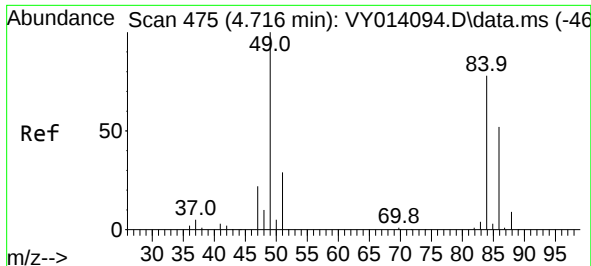
Tgt Ion:168 Resp: 3790
Ion Ratio Lower Upper
168 100
99 49.8 43.4 65.0



#5
Bromomethane
Concen: 13.285 ug/l
RT: 2.650 min Scan# 136
Delta R.T. -0.005 min
Lab File: VY014493.D
Acq: 29 Jun 2023 12:08

Tgt Ion: 94 Resp: 438
Ion Ratio Lower Upper
94 100
96 62.2 75.8 113.6#





#20

Methylene Chloride

Concen: 28.108 ug/l

RT: 4.710 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY014493.D

Acq: 29 Jun 2023 12:08

Instrument :

MSVOA_Y

ClientSampleId :

RT2665RE

Tgt Ion: 84 Resp: 1306

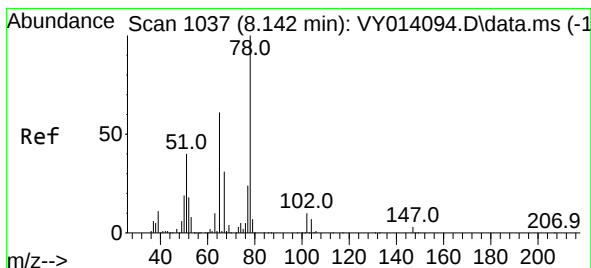
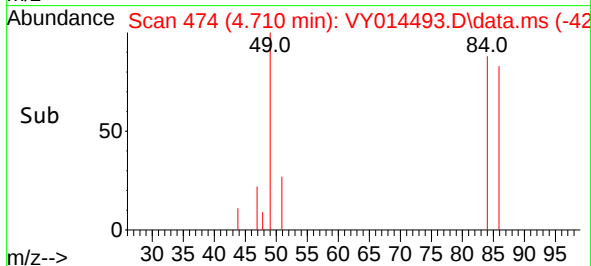
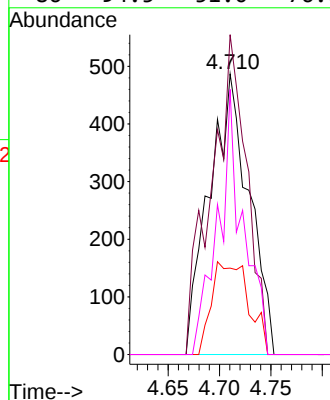
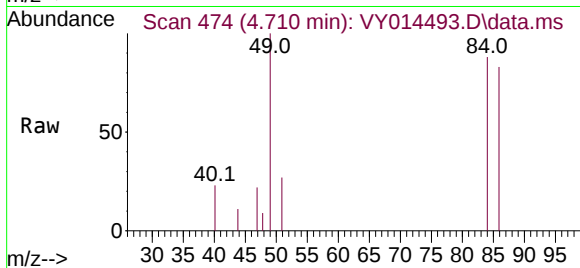
Ion Ratio Lower Upper

84 100

49 114.0 106.9 160.3

51 30.8 33.2 49.8#

86 94.5 51.0 76.6#



#33

1,2-Dichloroethane-d4

Concen: 80.053 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.001 min

Lab File: VY014493.D

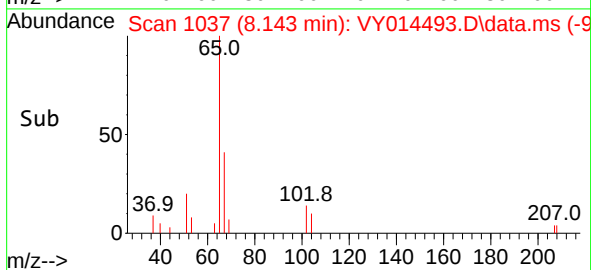
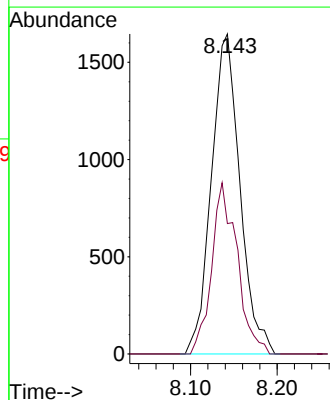
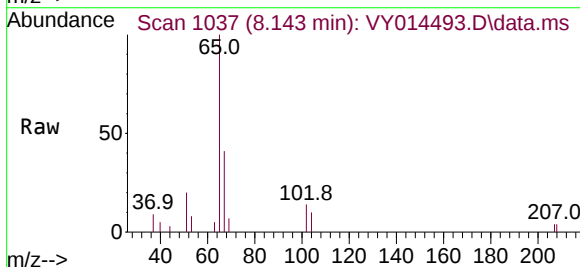
Acq: 29 Jun 2023 12:08

Tgt Ion: 65 Resp: 3767

Ion Ratio Lower Upper

65 100

67 47.8 0.0 101.8

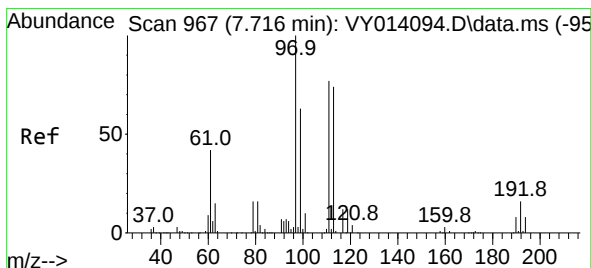
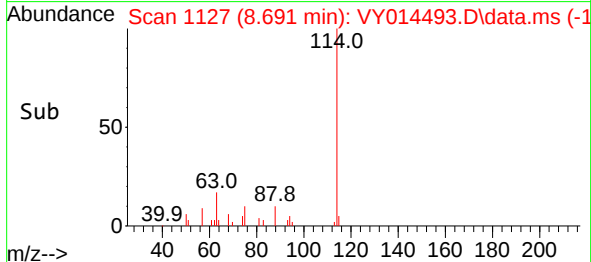
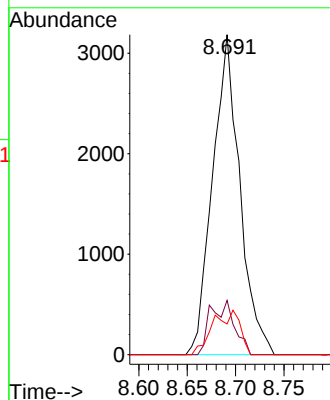
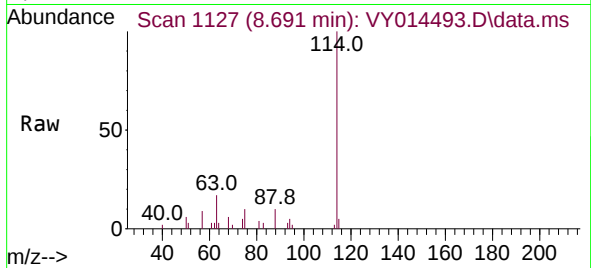




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY014493.D
Acq: 29 Jun 2023 12:08

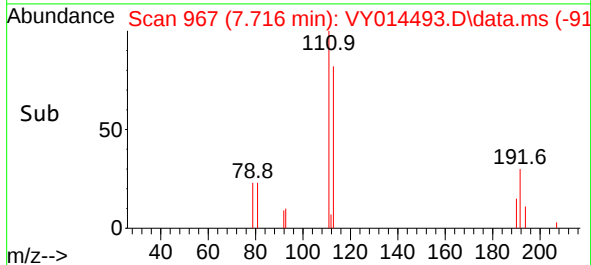
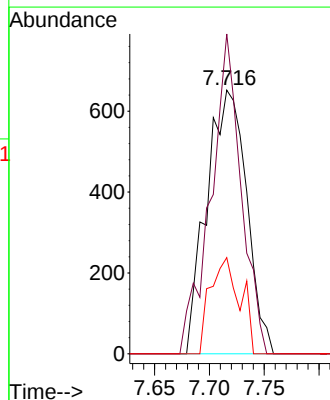
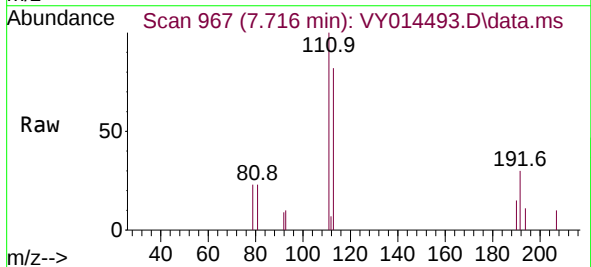
Instrument :
MSVOA_Y
ClientSampleId :
RT2665RE

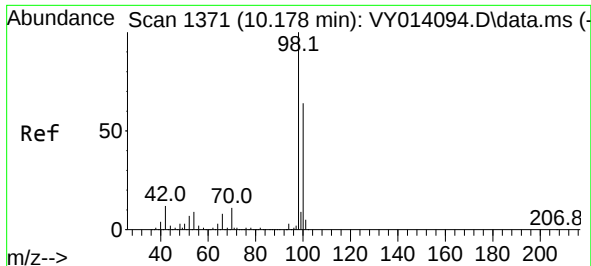
Tgt Ion:114	Resp:	6218
Ion Ratio	Lower	Upper
114	100	
63	17.0	0.0 42.4
88	9.6	0.0 30.6



#35
Dibromofluoromethane
Concen: 43.029 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014493.D
Acq: 29 Jun 2023 12:08

Tgt Ion:113	Resp:	1653
Ion Ratio	Lower	Upper
113	100	
111	92.4	81.3 121.9
192	27.2	16.9 25.3

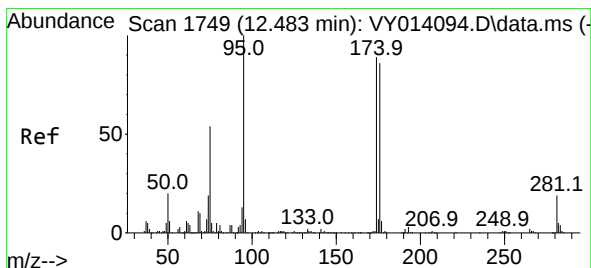
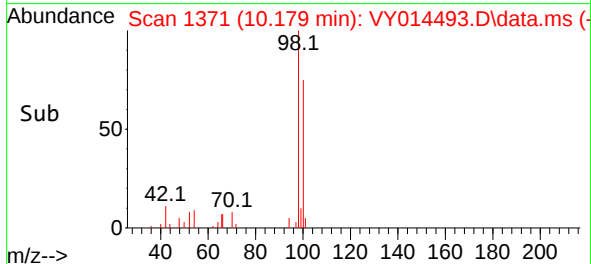
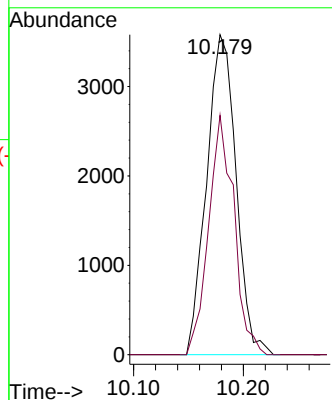
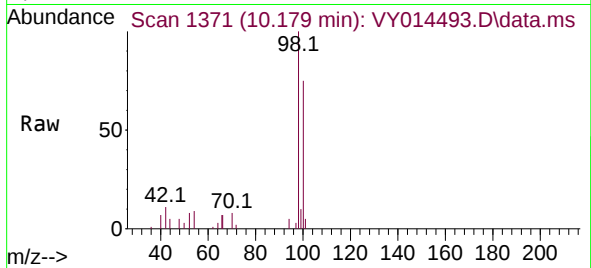




#50
Toluene-d8
Concen: 43.796 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014493.D
Acq: 29 Jun 2023 12:08

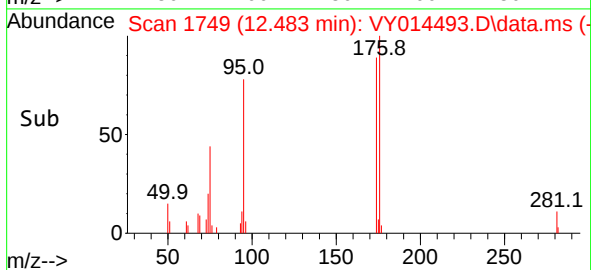
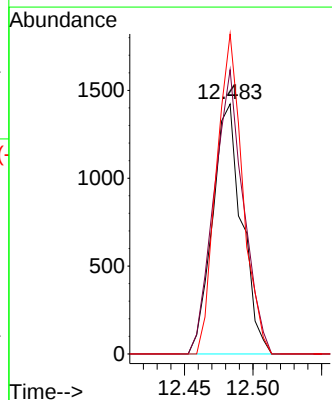
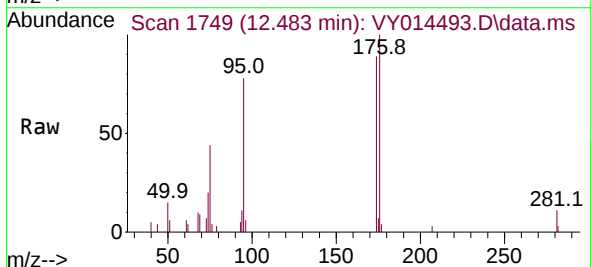
Instrument :
MSVOA_Y
ClientSampleId :
RT2665RE

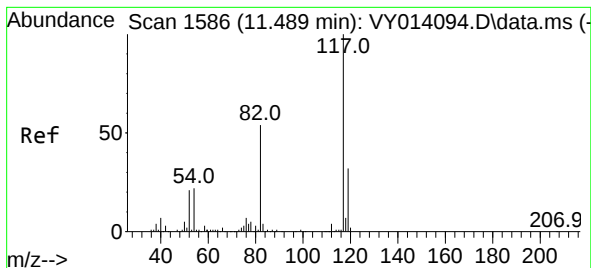
Tgt Ion: 98 Resp: 6688
Ion Ratio Lower Upper
98 100
100 64.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 38.905 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014493.D
Acq: 29 Jun 2023 12:08

Tgt Ion: 95 Resp: 2121
Ion Ratio Lower Upper
95 100
174 114.0 0.0 178.2
176 114.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014493.D

Acq: 29 Jun 2023 12:08

Instrument :

MSVOA_Y

ClientSampleId :

RT2665RE

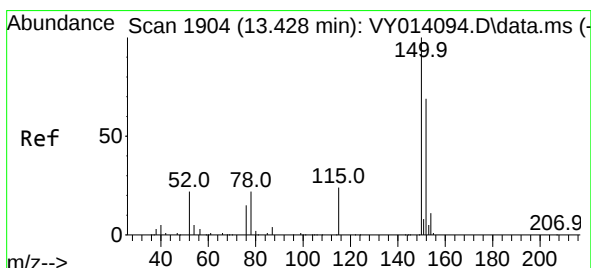
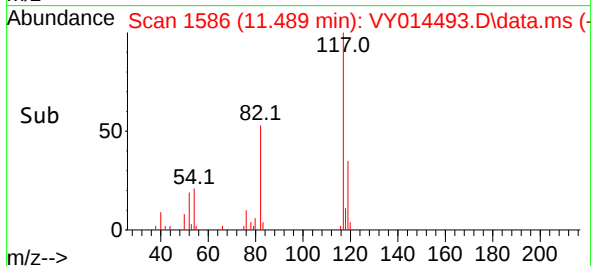
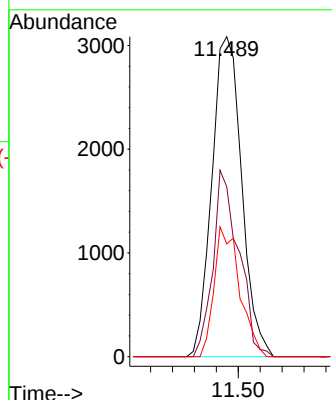
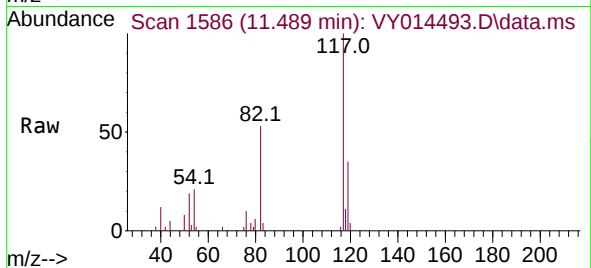
Tgt Ion:117 Resp: 5829

Ion Ratio Lower Upper

117 100

82 53.1 43.4 65.0

119 35.2 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY014493.D

Acq: 29 Jun 2023 12:08

Tgt Ion:152 Resp: 2519

Ion Ratio Lower Upper

152 100

115 50.9 28.8 86.5

150 162.8 0.0 348.8

