

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062923\
 Data File : VY014494.D
 Acq On : 29 Jun 2023 14:28
 Operator : KP/MD
 Sample : 03434-03RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 350RE

Quant Time: Jun 30 04:08:55 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)

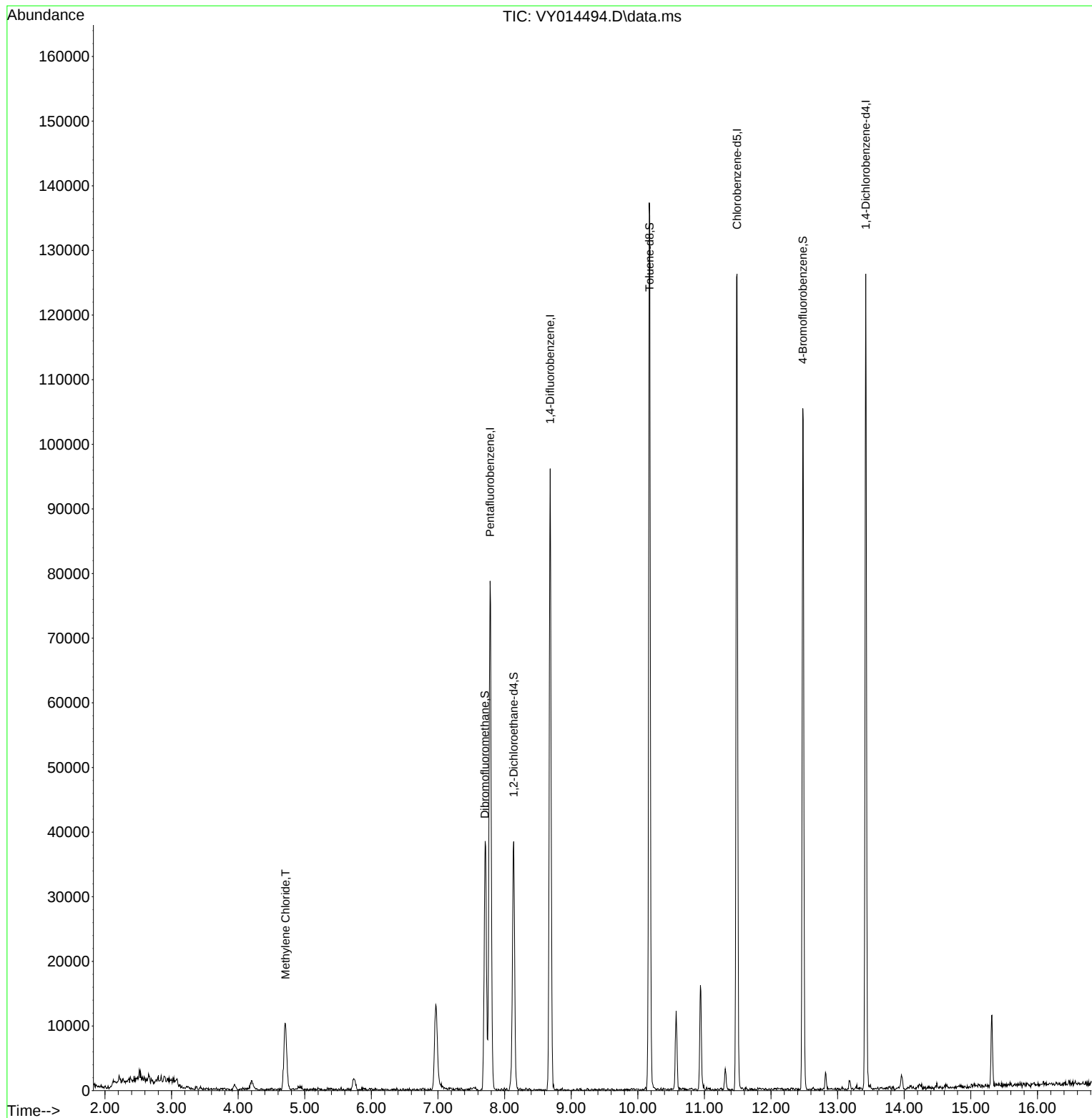
Internal Standards						
1) Pentafluorobenzene	7.783	168	62678	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	80047	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	72366	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	33264	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	35091	45.092	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.180%
35) Dibromofluoromethane	7.703	113	23846	48.218	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.440%
50) Toluene-d8	10.179	98	91572	46.581	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.160%
62) 4-Bromofluorobenzene	12.477	95	25952	36.978	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	73.960%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.710	84	7723	6.034	ug/l #	79

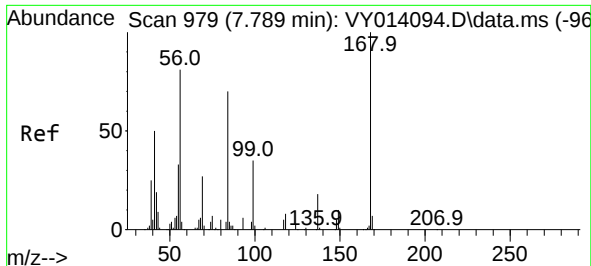
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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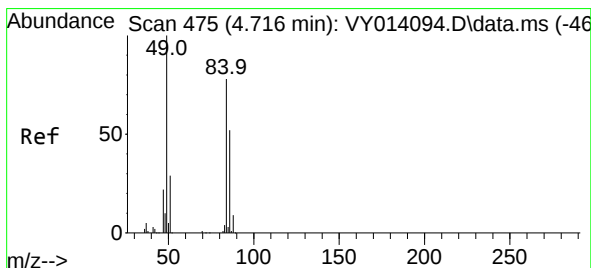
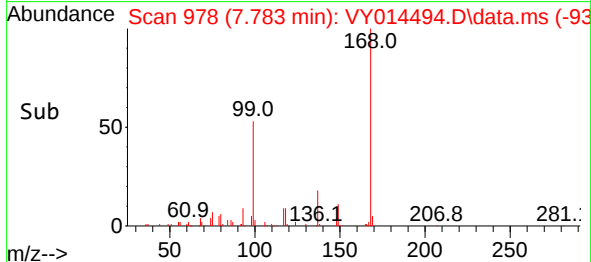
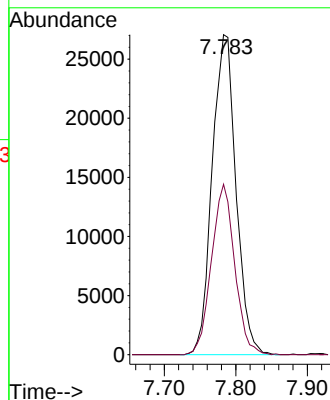
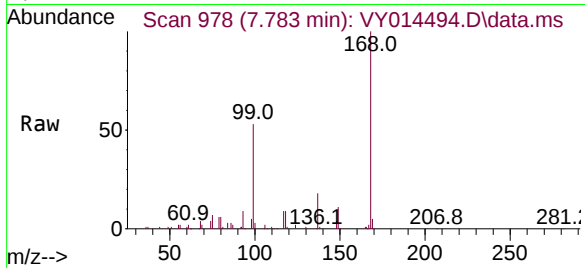




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014494.D
Acq: 29 Jun 2023 14:28

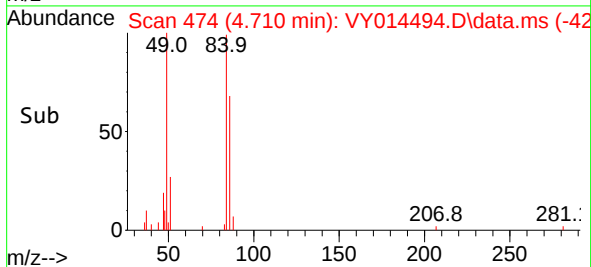
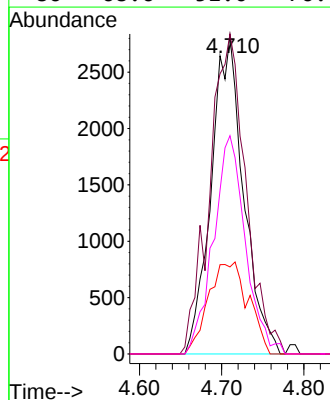
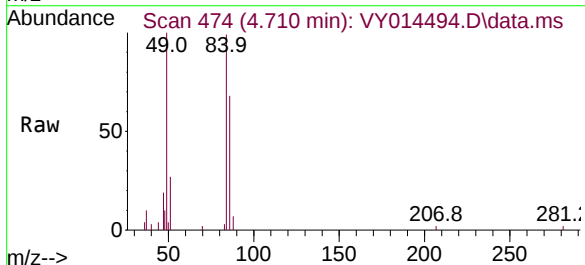
Instrument :
MSVOA_Y
ClientSampleId :
350RE

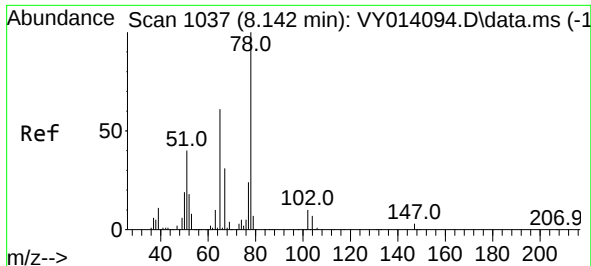
Tgt Ion:168 Resp: 62678
Ion Ratio Lower Upper
168 100
99 53.3 43.4 65.0



#20
Methylene Chloride
Concen: 6.034 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY014494.D
Acq: 29 Jun 2023 14:28

Tgt Ion: 84 Resp: 7723
Ion Ratio Lower Upper
84 100
49 100.6 106.9 160.3#
51 27.3 33.2 49.8#
86 68.6 51.0 76.6

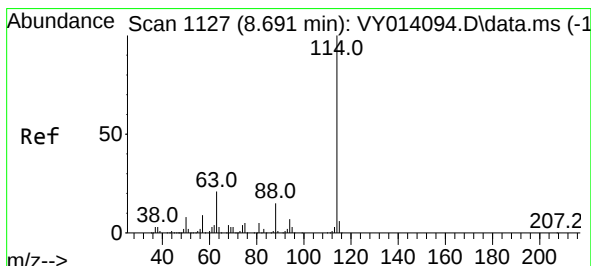
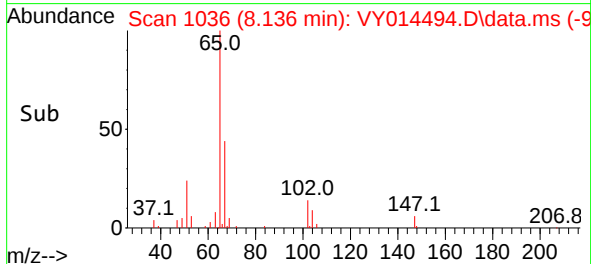
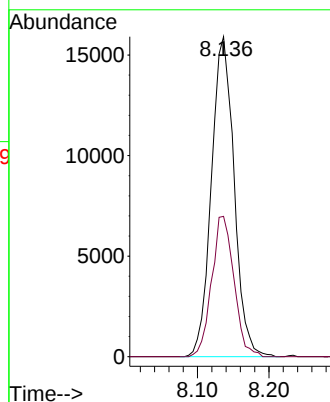
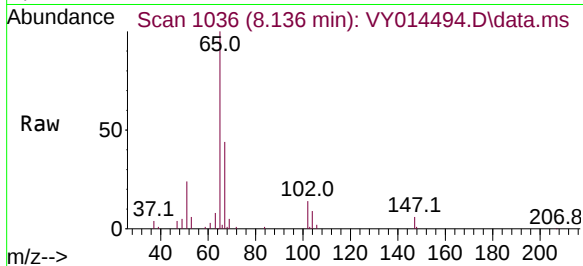




#33
 1,2-Dichloroethane-d4
 Concen: 45.092 ug/l
 RT: 8.136 min Scan# 1103
 Delta R.T. -0.006 min
 Lab File: VY014494.D
 Acq: 29 Jun 2023 14:28

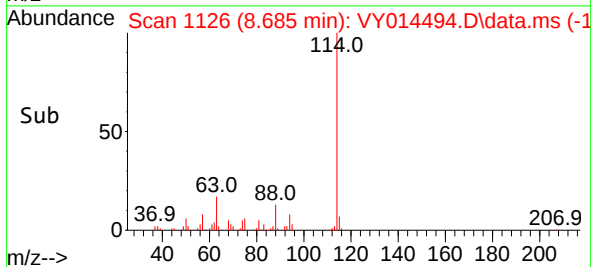
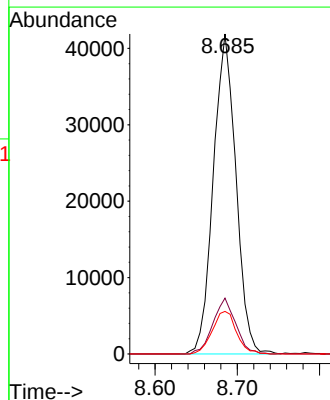
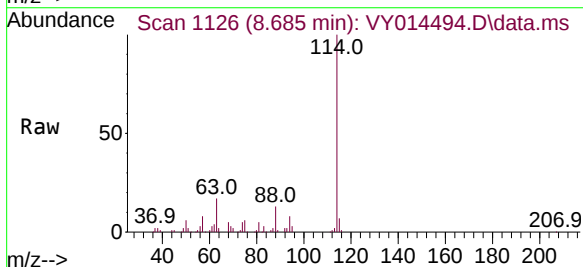
Instrument :
 MSVOA_Y
 ClientSampleId :
 350RE

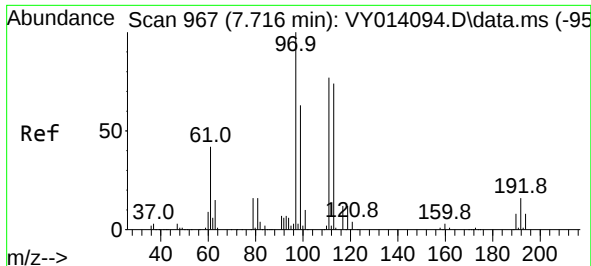
Tgt Ion: 65 Resp: 35091
 Ion Ratio Lower Upper
 65 100
 67 43.0 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY014494.D
 Acq: 29 Jun 2023 14:28

Tgt Ion: 114 Resp: 80047
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 42.4
 88 13.3 0.0 30.6

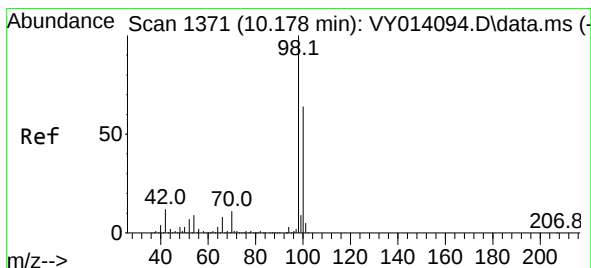
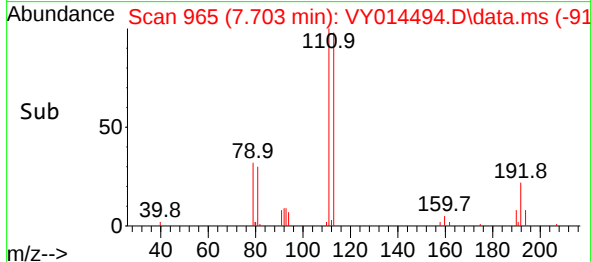
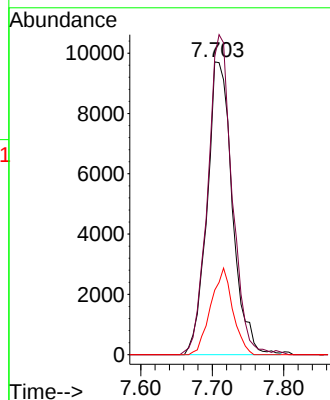
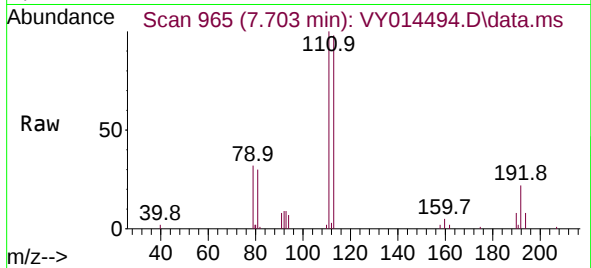




#35
 Dibromofluoromethane
 Concen: 48.218 ug/l
 RT: 7.703 min Scan# 91
 Delta R.T. -0.013 min
 Lab File: VY014494.D
 Acq: 29 Jun 2023 14:28

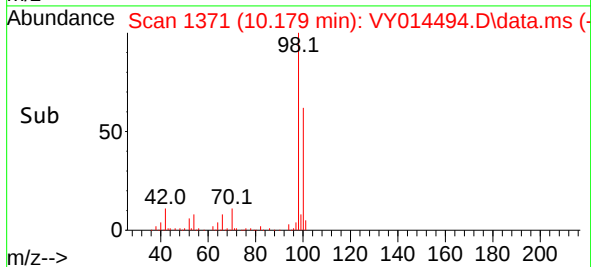
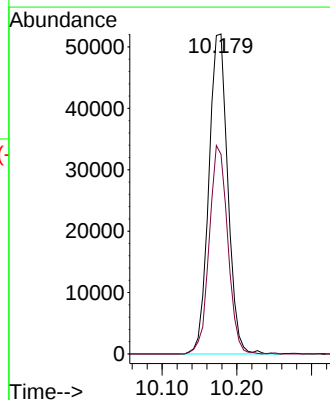
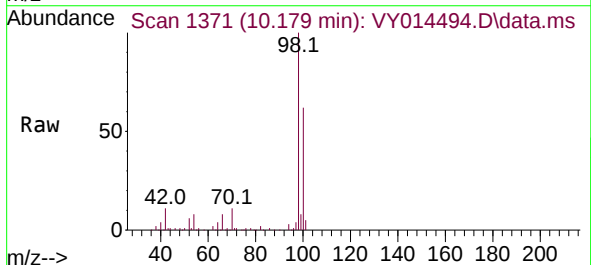
Instrument :
 MSVOA_Y
 ClientSampleId :
 350RE

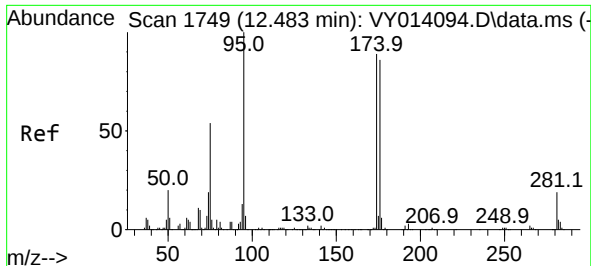
Tgt Ion:113 Resp: 23846
 Ion Ratio Lower Upper
 113 100
 111 105.6 81.3 121.9
 192 25.7 16.9 25.3#



#50
 Toluene-d8
 Concen: 46.581 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. 0.001 min
 Lab File: VY014494.D
 Acq: 29 Jun 2023 14:28

Tgt Ion: 98 Resp: 91572
 Ion Ratio Lower Upper
 98 100
 100 63.6 50.1 75.1

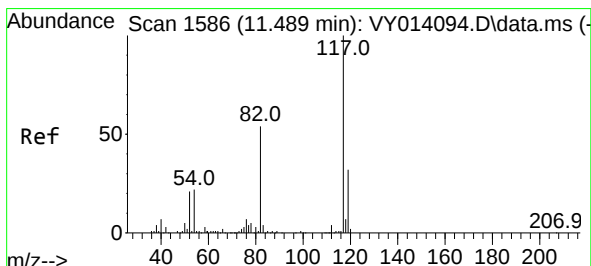
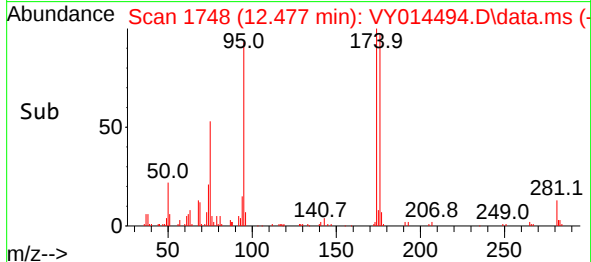
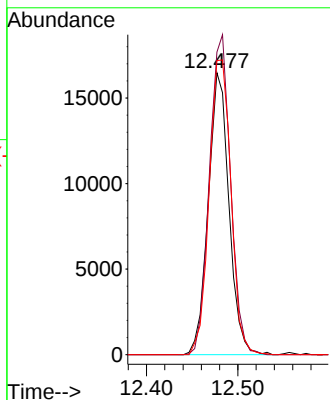
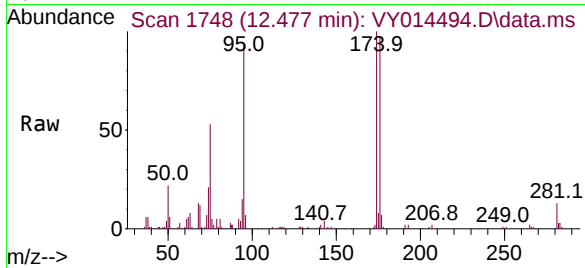




#62
4-Bromofluorobenzene
Concen: 36.978 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014494.D
Acq: 29 Jun 2023 14:28

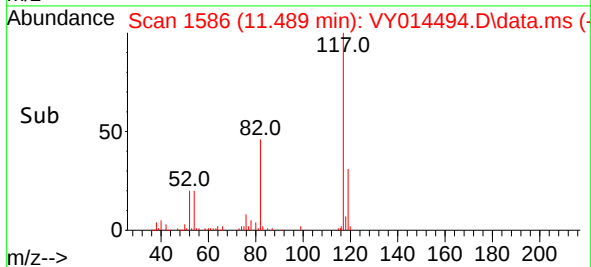
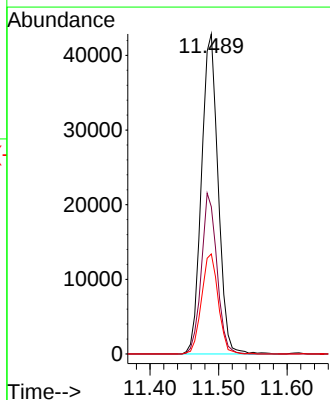
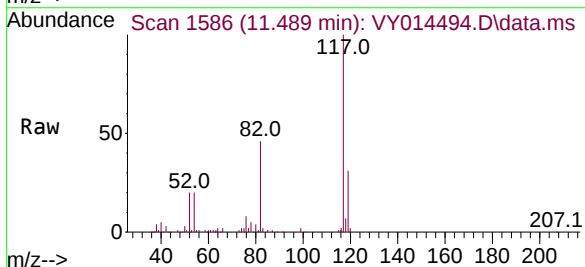
Instrument :
MSVOA_Y
ClientSampleId :
350RE

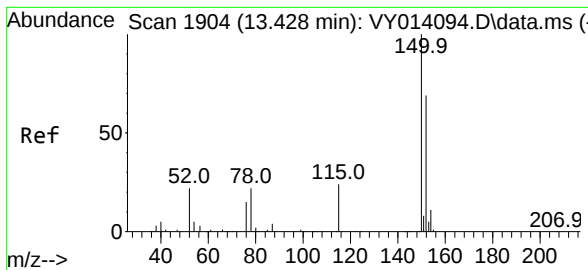
Tgt Ion: 95 Resp: 25952
Ion Ratio Lower Upper
95 100
174 115.6 0.0 178.2
176 109.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014494.D
Acq: 29 Jun 2023 14:28

Tgt Ion: 117 Resp: 72366
Ion Ratio Lower Upper
117 100
82 46.0 43.4 65.0
119 31.3 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY014494.D
 Acq: 29 Jun 2023 14:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 350RE

Tgt Ion:	152	Resp:	33264
Ion	Ratio	Lower	Upper
152	100		
115	55.3	28.8	86.5
150	161.6	0.0	348.8

