

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
 Data File : VY014243.D
 Acq On : 19 Jun 2023 21:16
 Operator : KP/MD
 Sample : 03320-16
 Misc : 6.22g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-16

Quant Time: Jun 20 05:02:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

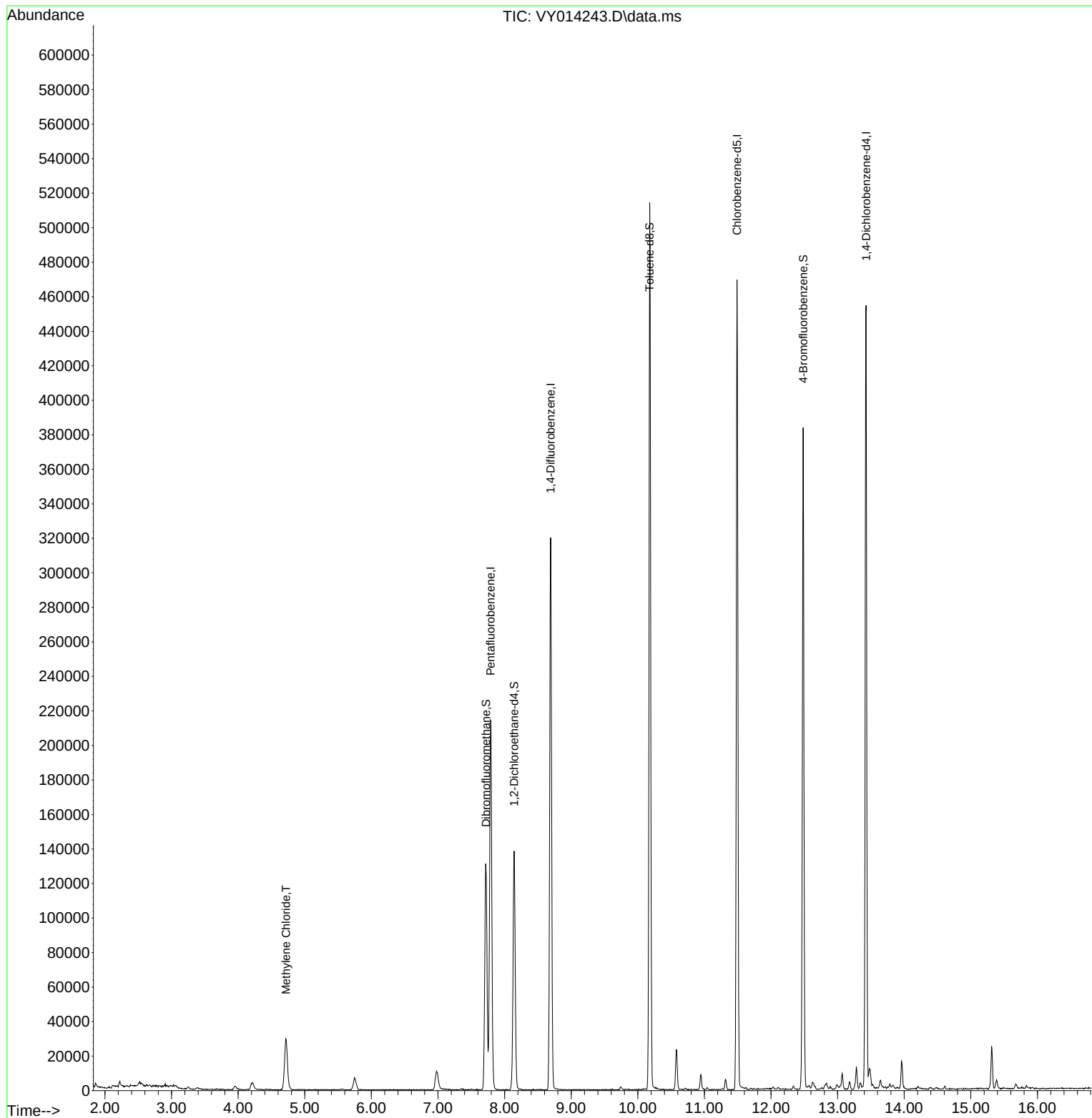
Internal Standards						
1) Pentafluorobenzene	7.789	168	169578	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	265061	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	253364	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	119163	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	113649	48.128	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.260%
35) Dibromofluoromethane	7.722	113	88832	47.257	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.520%
50) Toluene-d8	10.179	98	329669	46.910	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.820%
62) 4-Bromofluorobenzene	12.483	95	102977	41.250	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.500%
Target Compounds						
20) Methylene Chloride	4.716	84	21622	6.388	ug/l	Qvalue 86

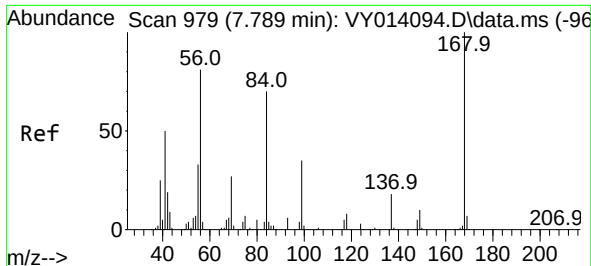
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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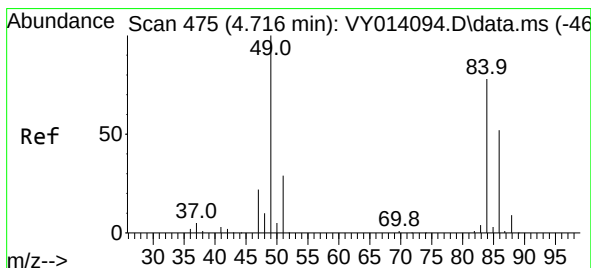
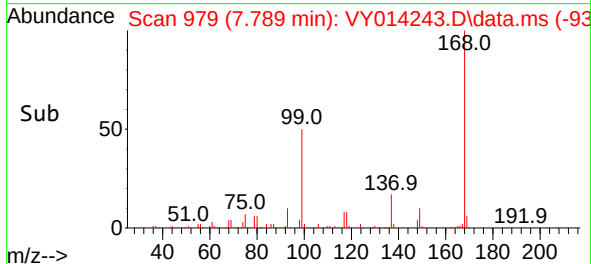
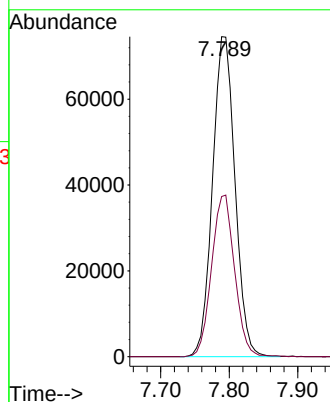
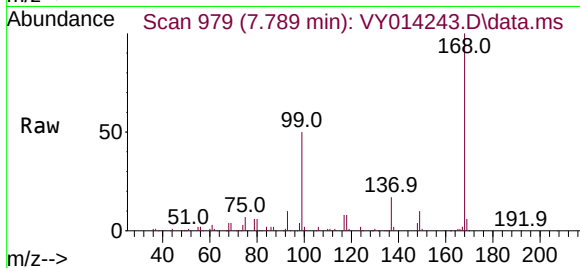




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014243.D
Acq: 19 Jun 2023 21:16

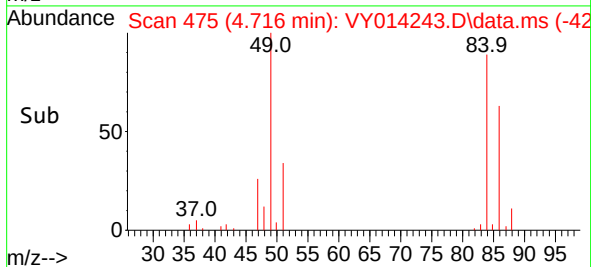
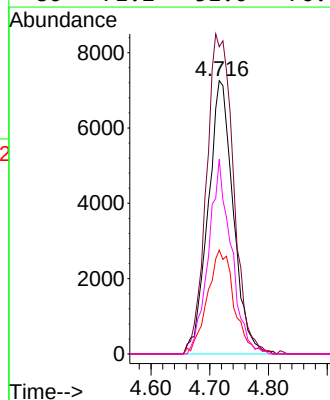
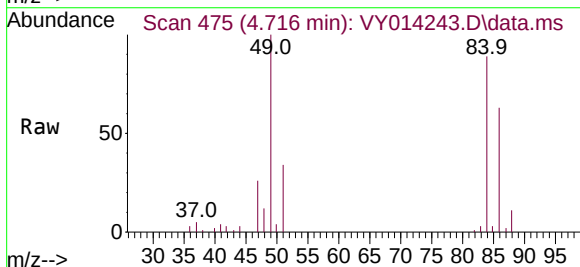
Instrument :
MSVOA_Y
ClientSampleId :
WC-16

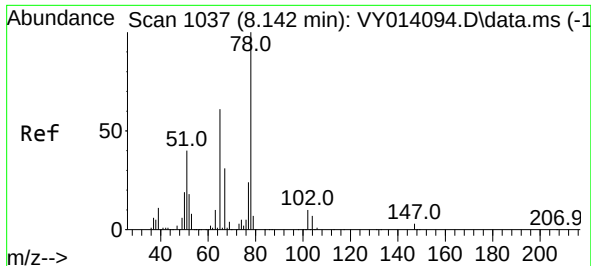
Tgt Ion:168 Resp: 169578
Ion Ratio Lower Upper
168 100
99 50.1 43.4 65.0



#20
Methylene Chloride
Concen: 6.388 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY014243.D
Acq: 19 Jun 2023 21:16

Tgt Ion: 84 Resp: 21622
Ion Ratio Lower Upper
84 100
49 112.4 106.9 160.3
51 38.0 33.2 49.8
86 71.2 51.0 76.6

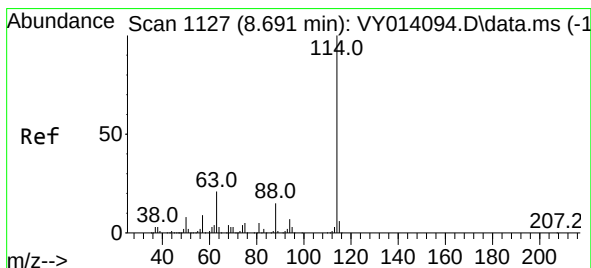
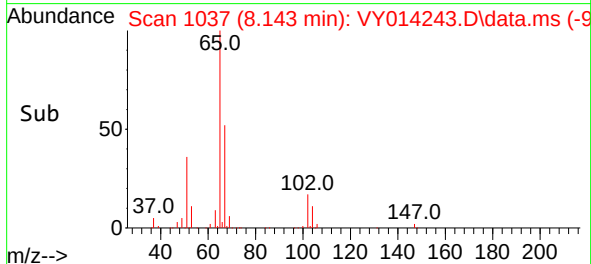
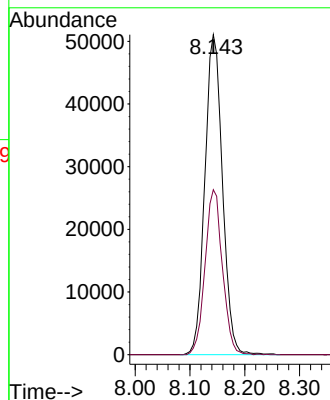
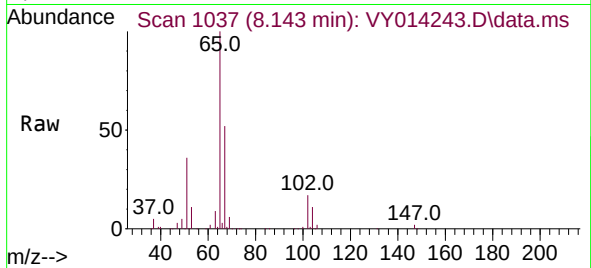




#33
 1,2-Dichloroethane-d4
 Concen: 48.128 ug/l
 RT: 8.143 min Scan# 1103
 Delta R.T. 0.001 min
 Lab File: VY014243.D
 Acq: 19 Jun 2023 21:16

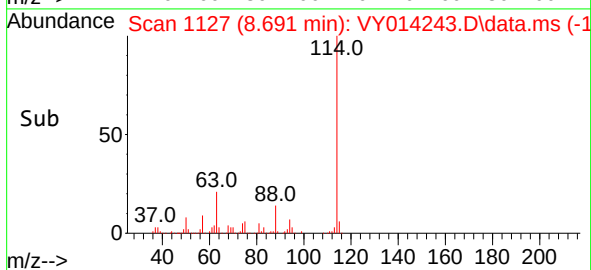
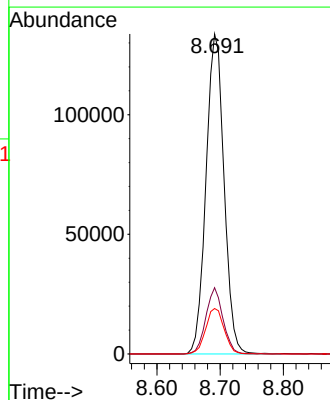
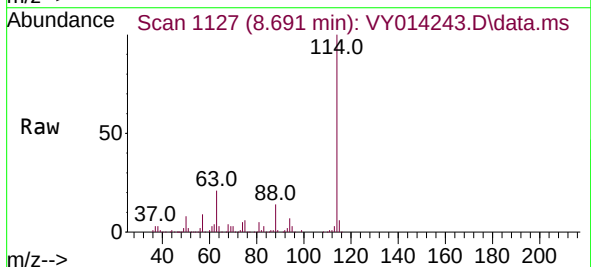
Instrument :
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 ClientSampleId :
 WC-16

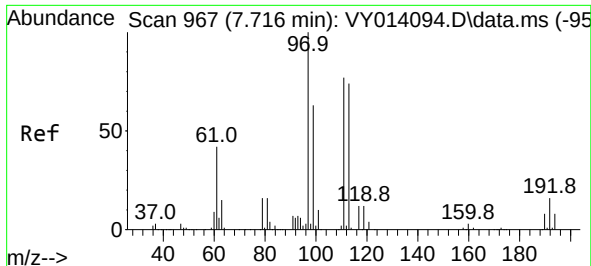
Tgt Ion: 65 Resp: 113649
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY014243.D
 Acq: 19 Jun 2023 21:16

Tgt Ion: 114 Resp: 265061
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 42.4
 88 14.2 0.0 30.6

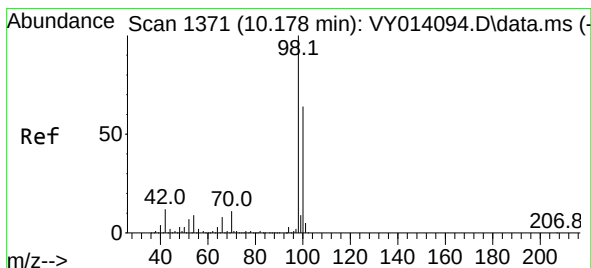
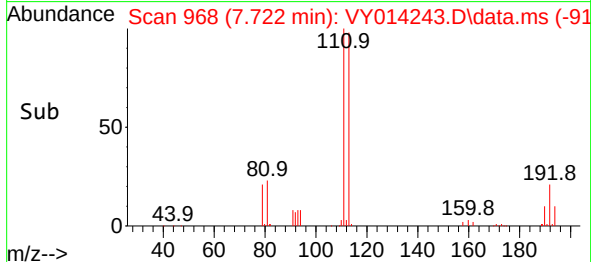
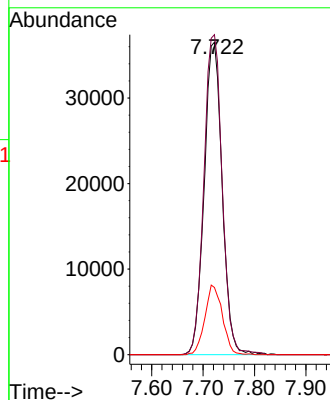
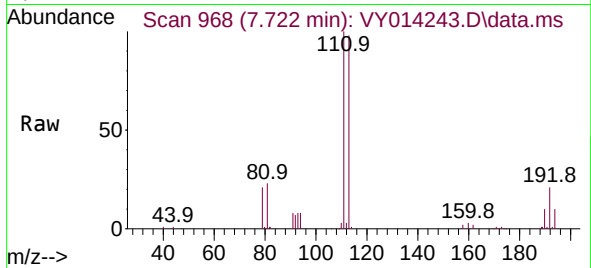




#35
 Dibromofluoromethane
 Concen: 47.257 ug/l
 RT: 7.722 min Scan# 967
 Delta R.T. 0.006 min
 Lab File: VY014243.D
 Acq: 19 Jun 2023 21:16

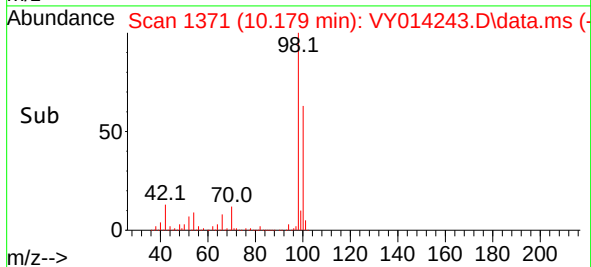
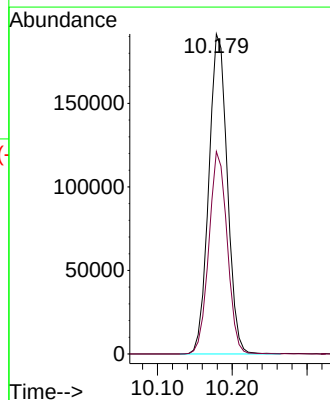
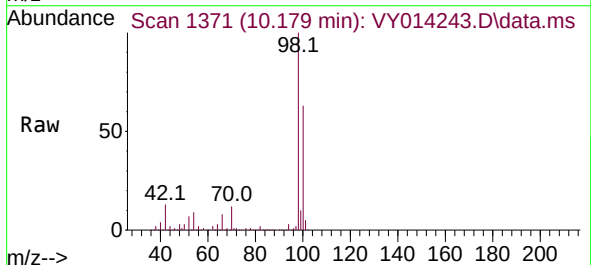
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-16

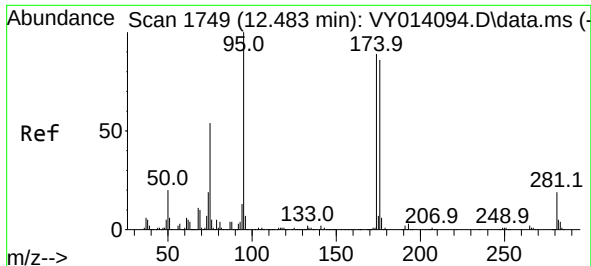
Tgt Ion:113 Resp: 88832
 Ion Ratio Lower Upper
 113 100
 111 103.9 81.3 121.9
 192 21.7 16.9 25.3



#50
 Toluene-d8
 Concen: 46.910 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. 0.001 min
 Lab File: VY014243.D
 Acq: 19 Jun 2023 21:16

Tgt Ion: 98 Resp: 329669
 Ion Ratio Lower Upper
 98 100
 100 62.6 50.1 75.1

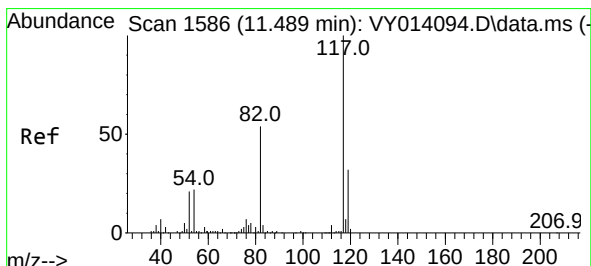
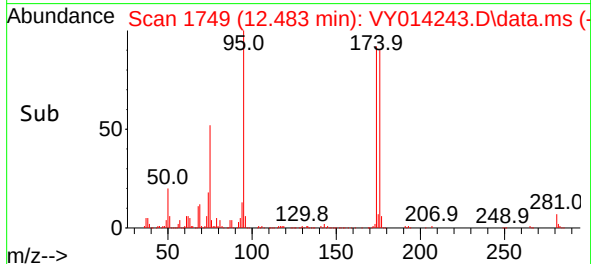
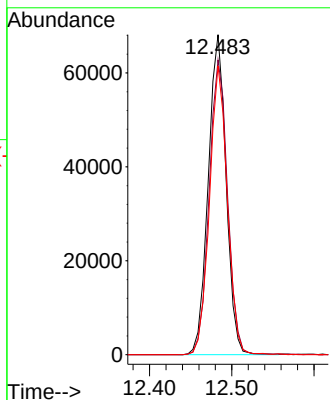
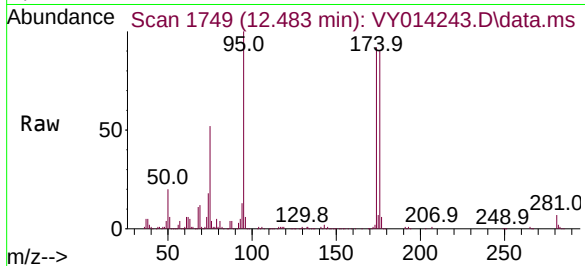




#62
4-Bromofluorobenzene
Concen: 41.250 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014243.D
Acq: 19 Jun 2023 21:16

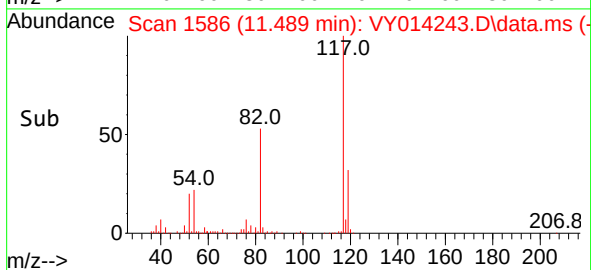
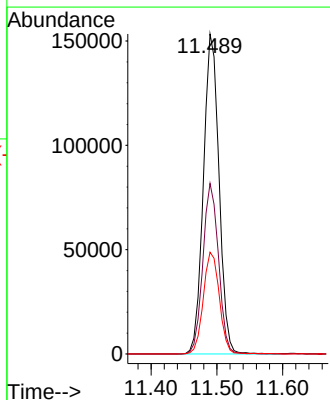
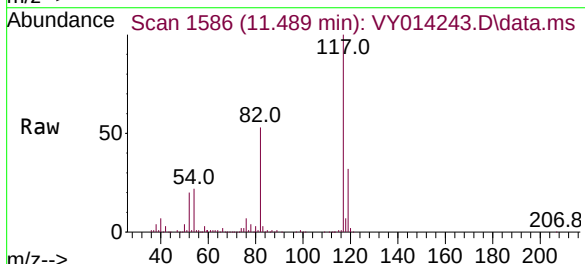
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WC-16

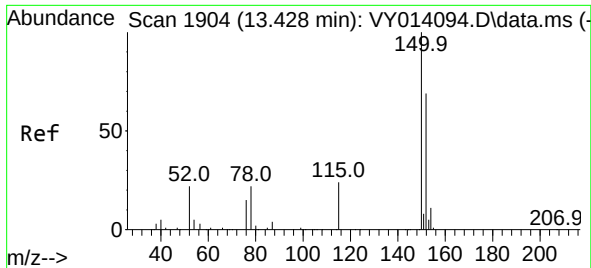
Tgt Ion: 95 Resp: 102977
Ion Ratio Lower Upper
95 100
174 94.8 0.0 178.2
176 90.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014243.D
Acq: 19 Jun 2023 21:16

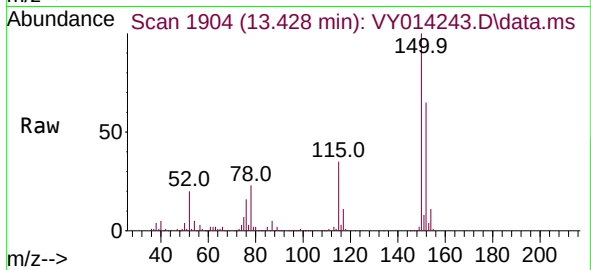
Tgt Ion: 117 Resp: 253364
Ion Ratio Lower Upper
117 100
82 53.3 43.4 65.0
119 31.8 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY014243.D
 Acq: 19 Jun 2023 21:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-16



Tgt Ion:152 Resp: 119163
 Ion Ratio Lower Upper
 152 100
 115 56.4 28.8 86.5
 150 156.7 0.0 348.8

