

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061623\
 Data File : VY014218.D
 Acq On : 16 Jun 2023 21:05
 Operator : KP/MD
 Sample : 03287-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-1-061523

Quant Time: Jun 16 23:27:16 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)

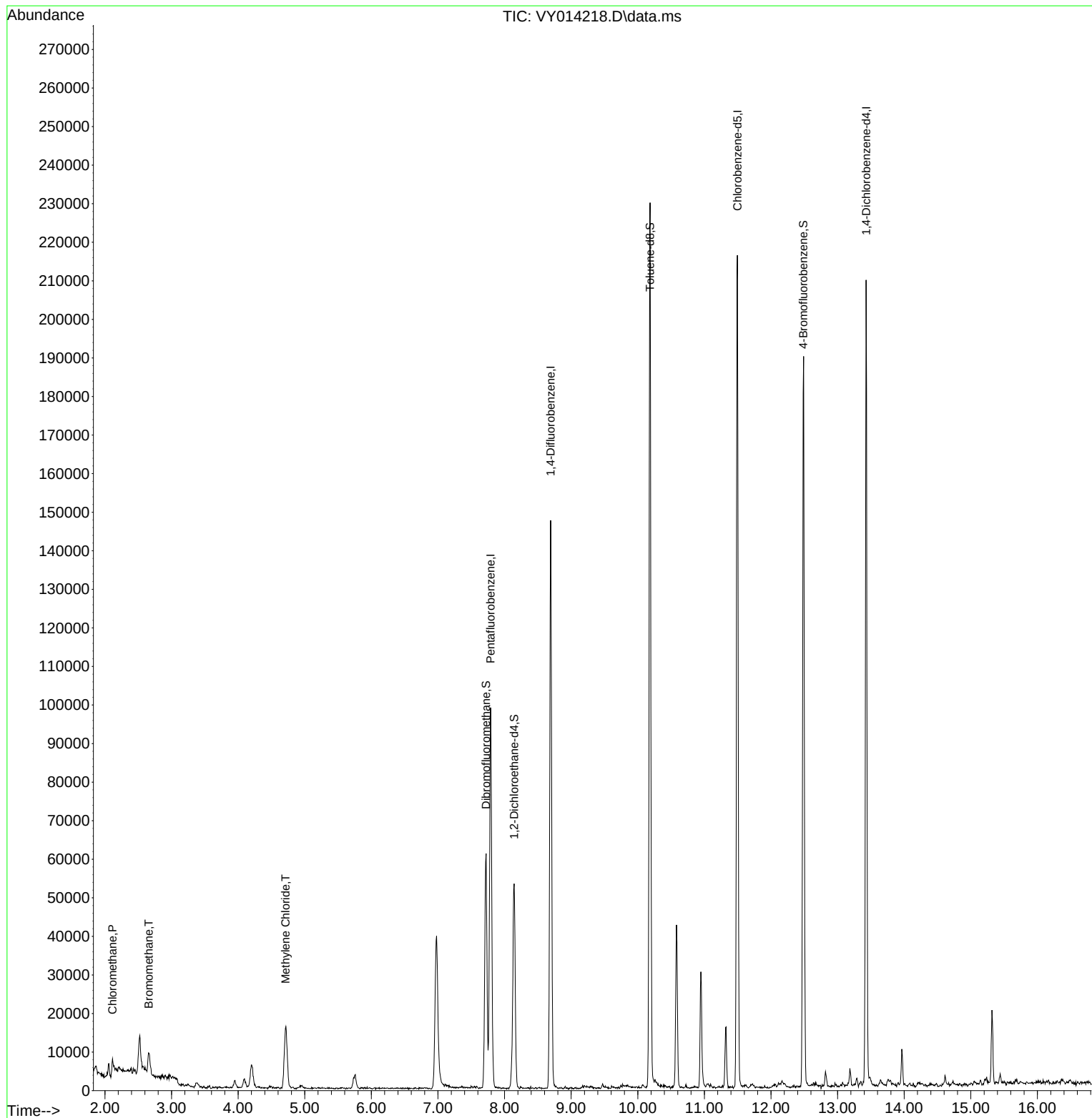
Internal Standards						
1) Pentafluorobenzene	7.789	168	75535	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	119920	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	120184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	53003	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	43057	40.935	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.880%
35) Dibromofluoromethane	7.722	113	41274	48.532	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.060%
50) Toluene-d8	10.185	98	148613	46.741	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.480%
62) 4-Bromofluorobenzene	12.483	95	48535	42.973	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.940%
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	3861	3.617	ug/l	89
5) Bromomethane	2.656	94	3929	4.589	ug/l	93
20) Methylene Chloride	4.710	84	11590	8.472	ug/l	88

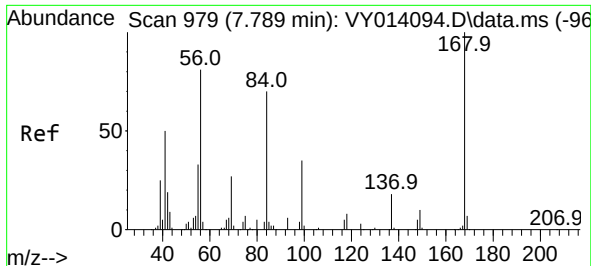
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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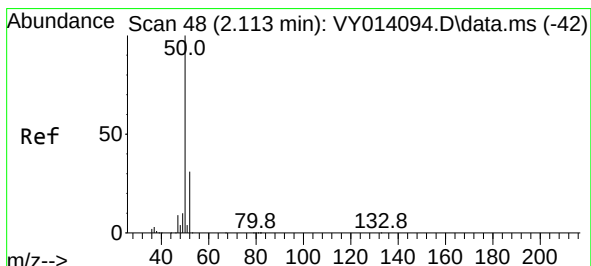
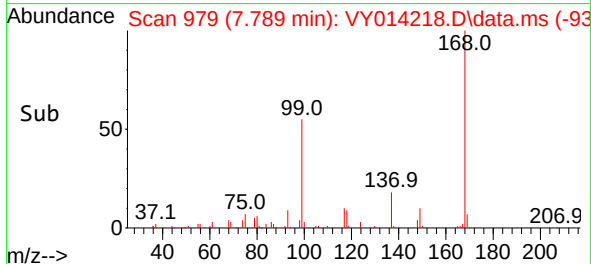
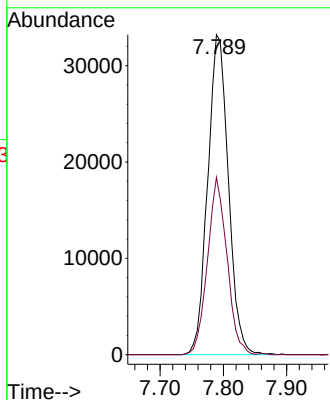
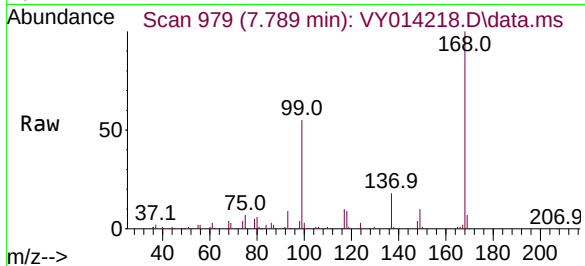




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014218.D
Acq: 16 Jun 2023 21:05

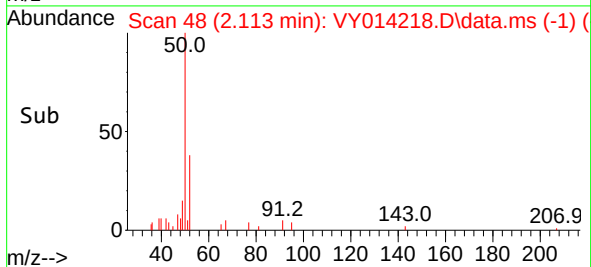
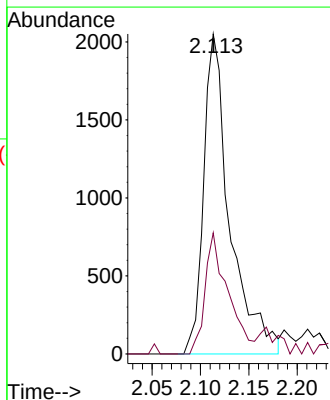
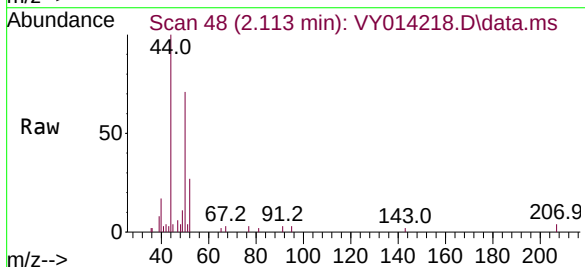
Instrument :
MSVOA_Y
ClientSampleId :
OK-1-061523

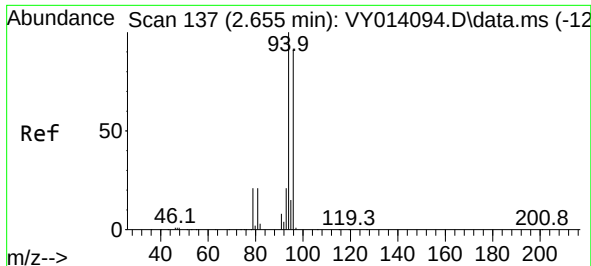
Tgt Ion:168 Resp: 75535
Ion Ratio Lower Upper
168 100
99 55.4 43.4 65.0



#3
Chloromethane
Concen: 3.617 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY014218.D
Acq: 16 Jun 2023 21:05

Tgt Ion: 50 Resp: 3861
Ion Ratio Lower Upper
50 100
52 37.8 25.4 38.2

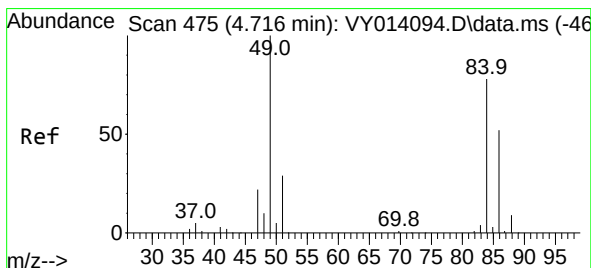
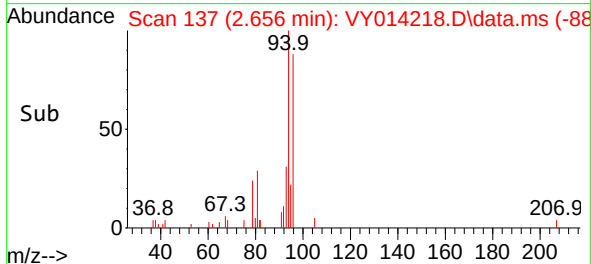
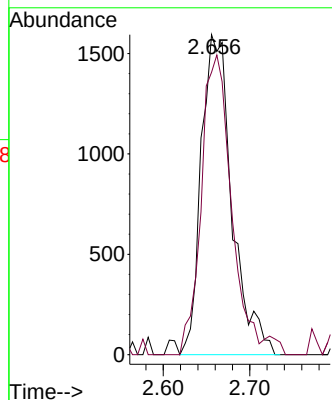
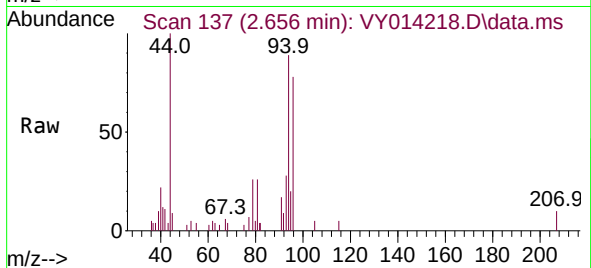




#5
Bromomethane
Concen: 4.589 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014218.D
Acq: 16 Jun 2023 21:05

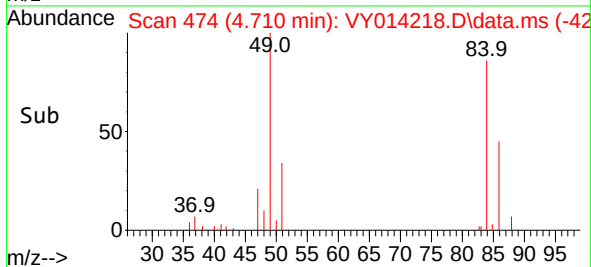
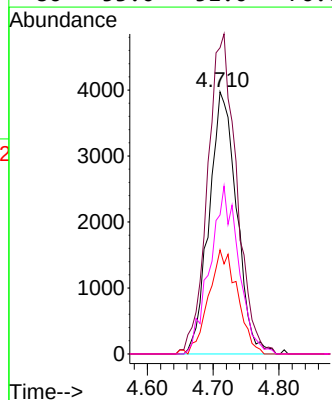
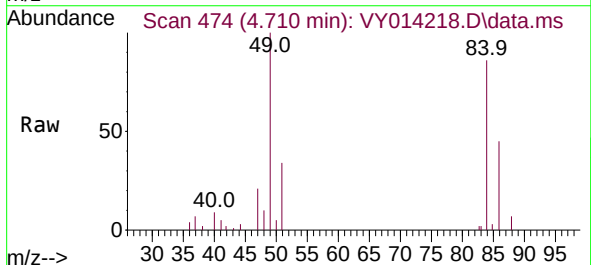
Instrument :
MSVOA_Y
ClientSampleId :
OK-1-061523

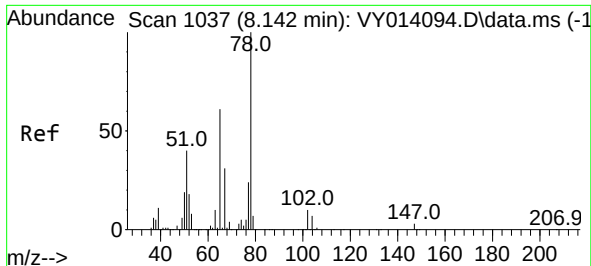
Tgt Ion: 94 Resp: 3929
Ion Ratio Lower Upper
94 100
96 88.3 75.8 113.6



#20
Methylene Chloride
Concen: 8.472 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY014218.D
Acq: 16 Jun 2023 21:05

Tgt Ion: 84 Resp: 11590
Ion Ratio Lower Upper
84 100
49 116.8 106.9 160.3
51 39.7 33.2 49.8
86 53.0 51.0 76.6

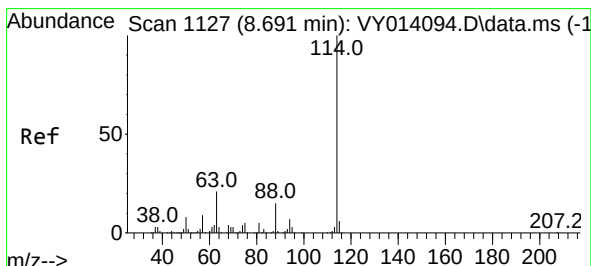
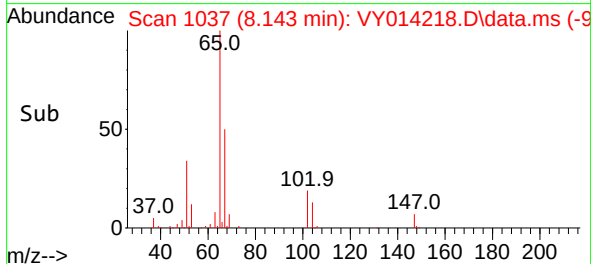
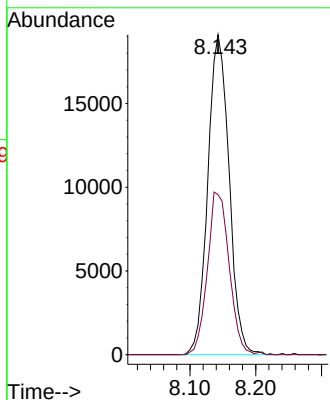
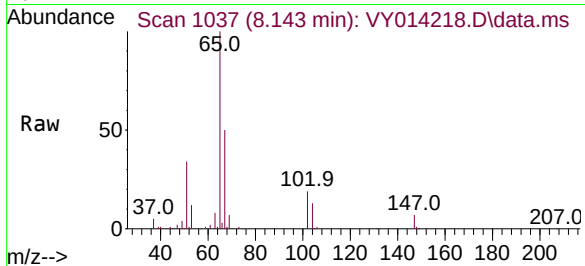




#33
 1,2-Dichloroethane-d4
 Concen: 40.935 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.001 min
 Lab File: VY014218.D
 Acq: 16 Jun 2023 21:05

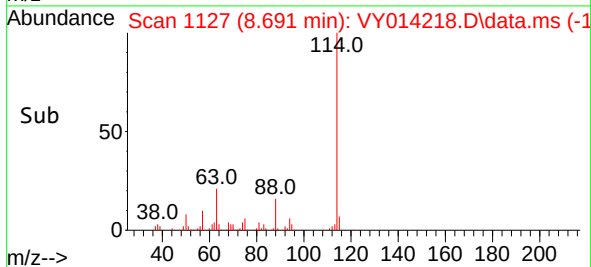
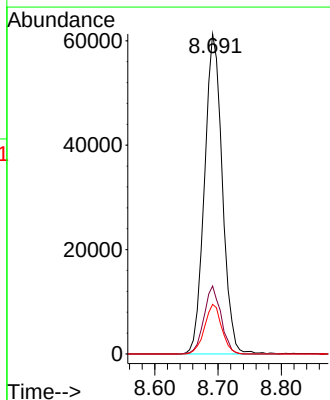
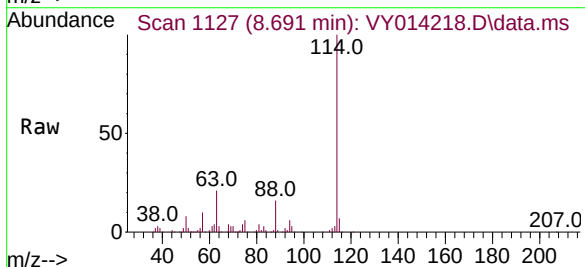
Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-1-061523

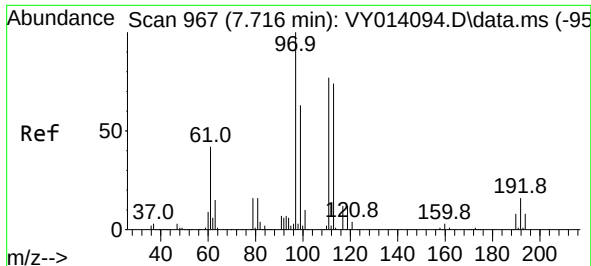
Tgt Ion: 65 Resp: 43057
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY014218.D
 Acq: 16 Jun 2023 21:05

Tgt Ion: 114 Resp: 119920
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 42.4
 88 15.5 0.0 30.6

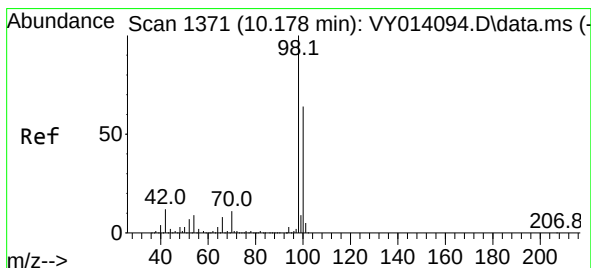
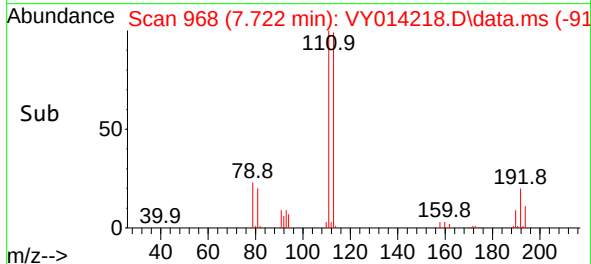
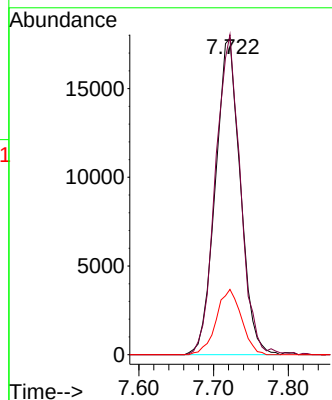
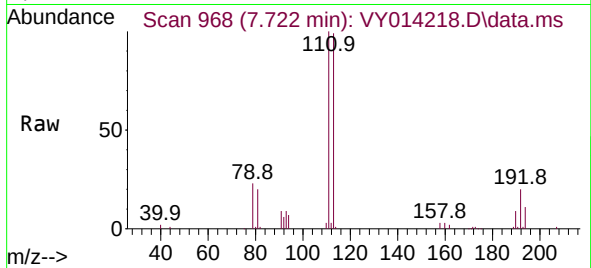




#35
Dibromofluoromethane
Concen: 48.532 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY014218.D
Acq: 16 Jun 2023 21:05

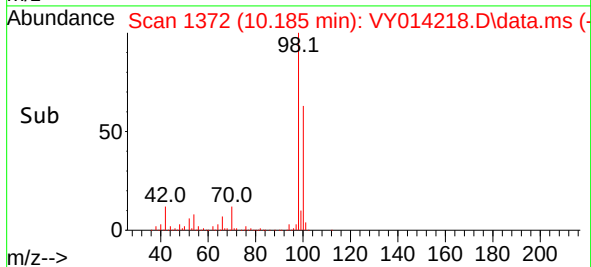
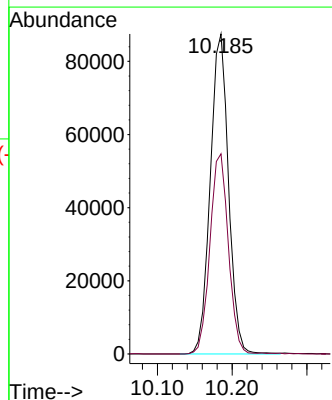
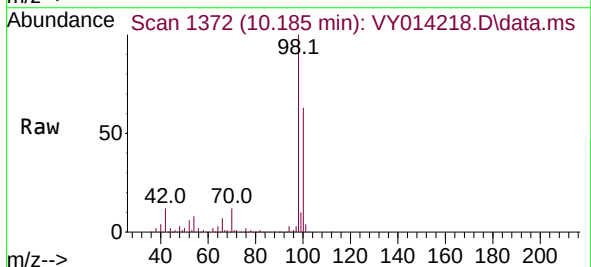
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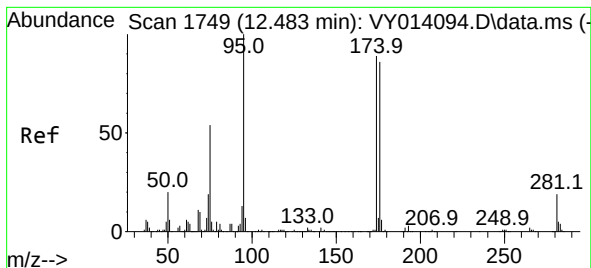
Tgt Ion:113 Resp: 41274
Ion Ratio Lower Upper
113 100
111 101.2 81.3 121.9
192 20.9 16.9 25.3



#50
Toluene-d8
Concen: 46.741 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.007 min
Lab File: VY014218.D
Acq: 16 Jun 2023 21:05

Tgt Ion: 98 Resp: 148613
Ion Ratio Lower Upper
98 100
100 63.5 50.1 75.1

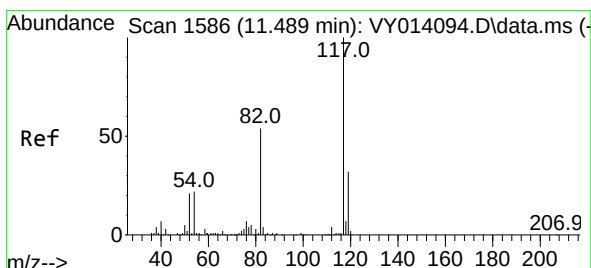
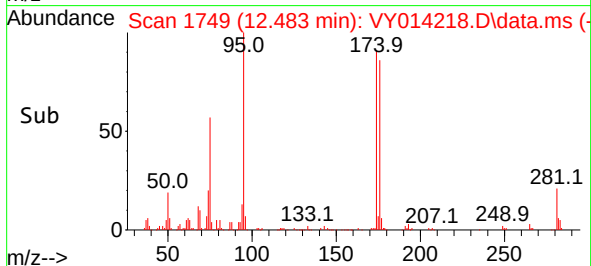
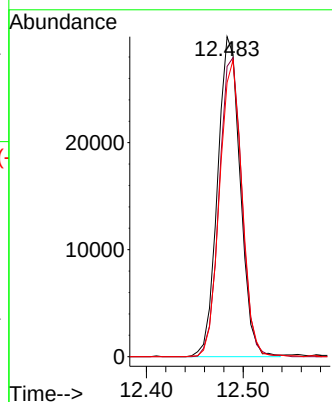
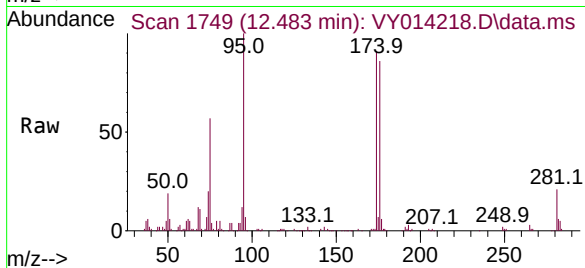




#62
4-Bromofluorobenzene
Concen: 42.973 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014218.D
Acq: 16 Jun 2023 21:05

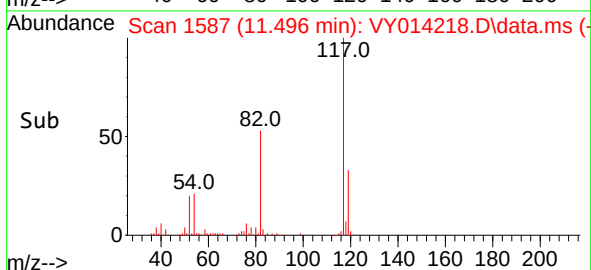
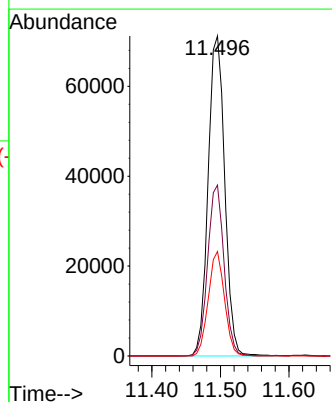
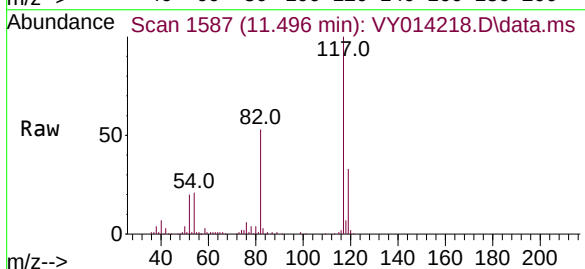
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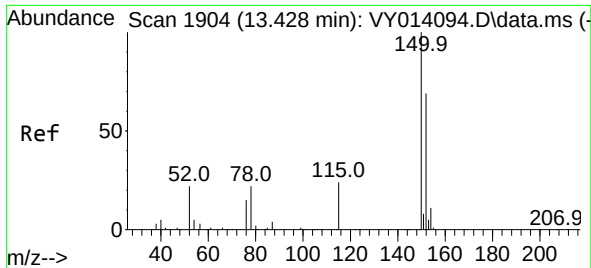
Tgt Ion: 95 Resp: 48535
Ion Ratio Lower Upper
95 100
174 93.0 0.0 178.2
176 91.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY014218.D
Acq: 16 Jun 2023 21:05

Tgt Ion: 117 Resp: 120184
Ion Ratio Lower Upper
117 100
82 53.4 43.4 65.0
119 32.7 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: VY014218.D

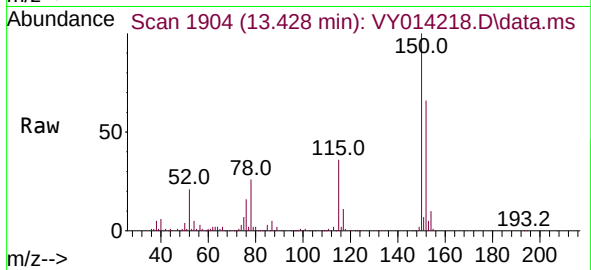
Acq: 16 Jun 2023 21:05

Instrument :

MSVOA_Y

ClientSampleId :

OK-1-061523



Tgt Ion:152 Resp: 53003

Ion Ratio Lower Upper

152 100

115 55.0 28.8 86.5

150 155.5 0.0 348.8

