

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091521\
 Data File : VX024269.D
 Acq On : 15 Sep 2021 18:35
 Operator : JC/MD
 Sample : M3724-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 33136

Quant Time: Sep 16 04:47:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 14 12:18:04 2021
 Response via : Initial Calibration

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

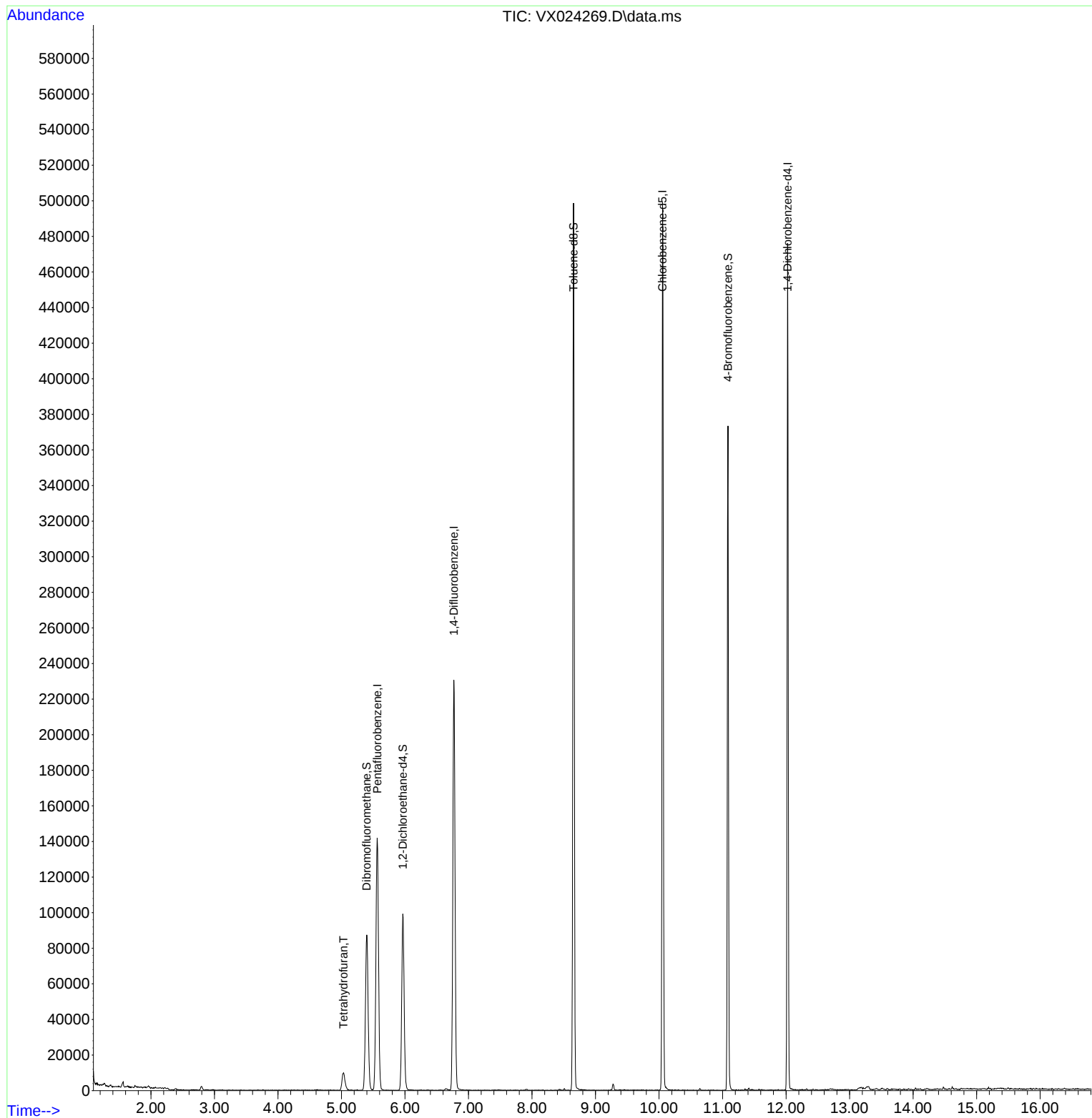
Internal Standards						
1) Pentafluorobenzene	5.562	168	131653	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	230585	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	222354	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93958	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	99224	52.854	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.700%
35) Dibromofluoromethane	5.397	113	75509	48.829	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.660%
50) Toluene-d8	8.653	98	287778	51.084	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.160%
62) 4-Bromofluorobenzene	11.085	95	91057	41.534	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	83.060%
Target Compounds						
29) Tetrahydrofuran	5.032	42	9523	12.905	ug/l	Qvalue # 87

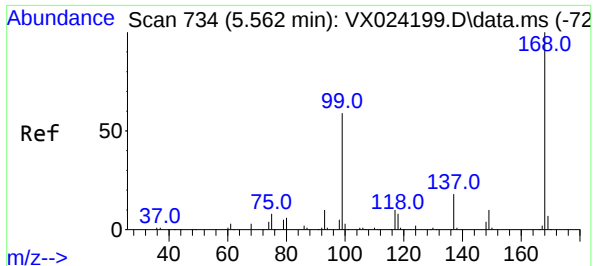
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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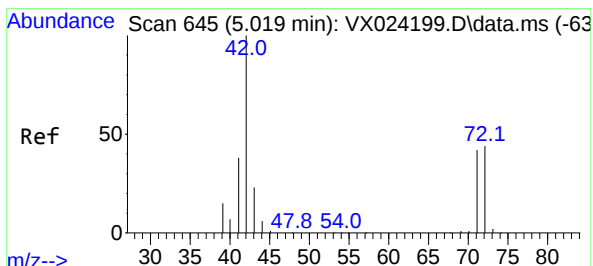
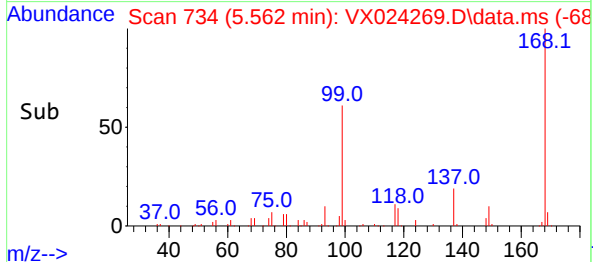
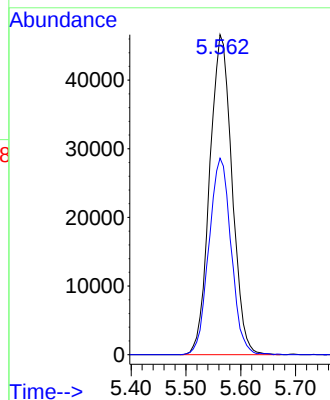
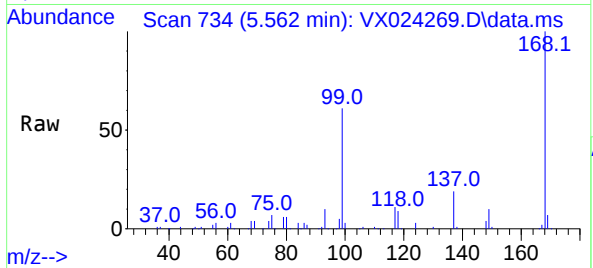




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024269.D
Acq: 15 Sep 2021 18:35

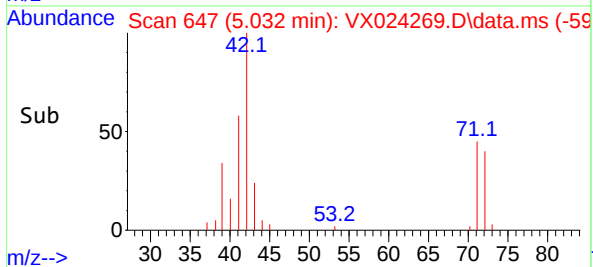
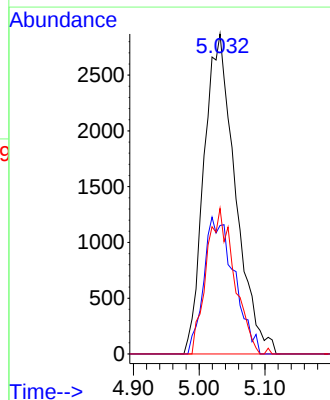
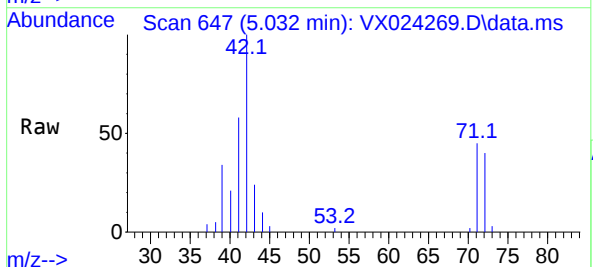
Instrument :
MSVOA_X
ClientSampled :
33136

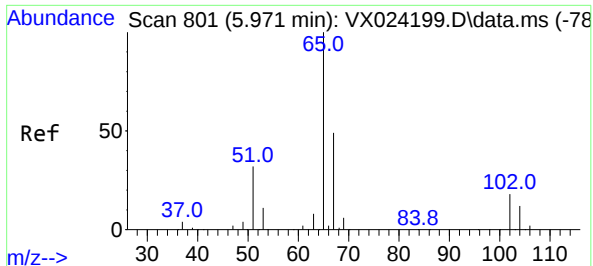
Tgt Ion:168 Resp: 131653
Ion Ratio Lower Upper
168 100
99 61.4 45.8 68.6



#29
Tetrahydrofuran
Concen: 12.905 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.013 min
Lab File: VX024269.D
Acq: 15 Sep 2021 18:35

Tgt Ion: 42 Resp: 9523
Ion Ratio Lower Upper
42 100
72 41.4 41.7 62.5#
71 40.4 38.4 57.6



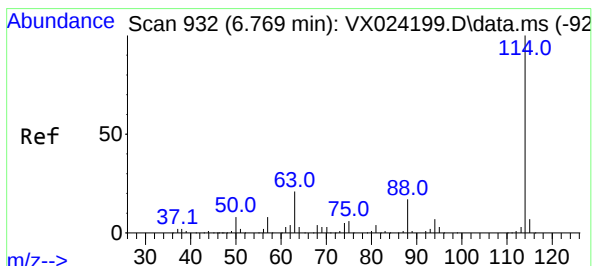
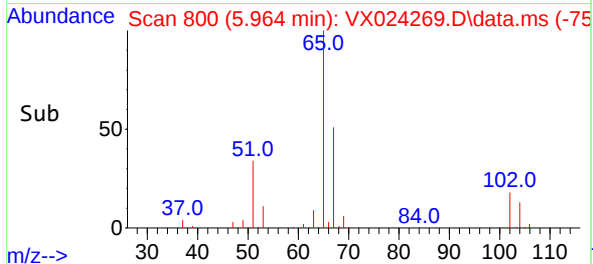
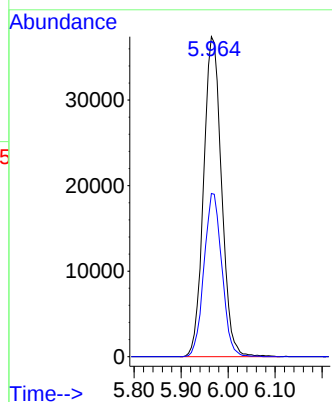
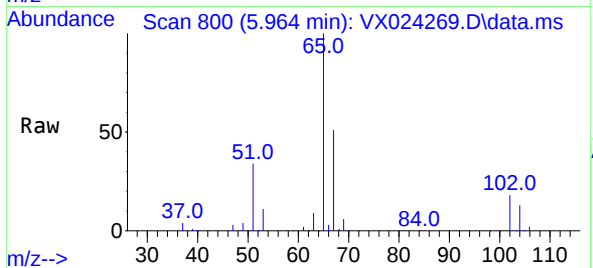


#33

1,2-Dichloroethane-d4
Concen: 52.854 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024269.D
Acq: 15 Sep 2021 18:35

Instrument :
MSVOA_X
ClientSampleId :
33136

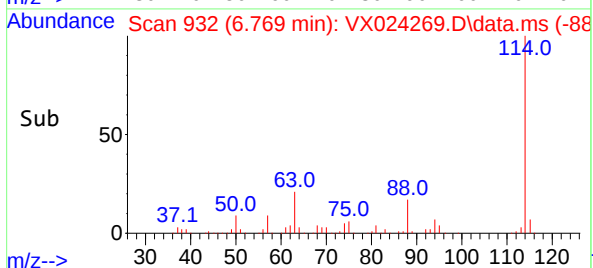
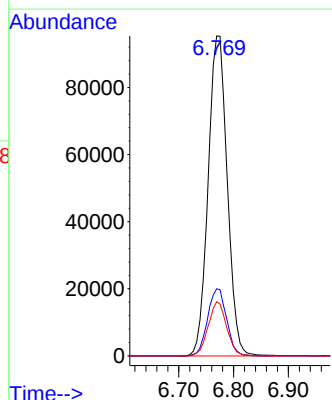
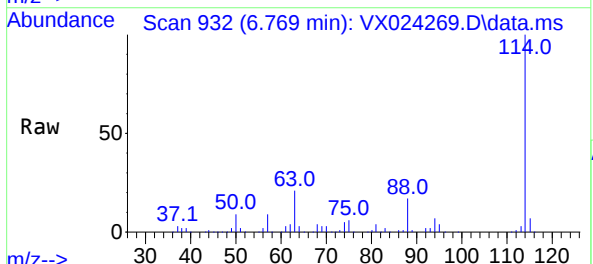
Tgt Ion: 65 Resp: 99224
Ion Ratio Lower Upper
65 100
67 50.7 0.0 105.4

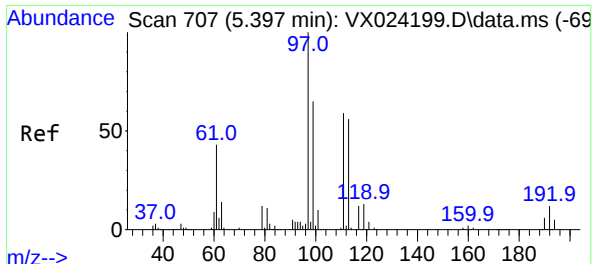


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024269.D
Acq: 15 Sep 2021 18:35

Tgt Ion: 114 Resp: 230585
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.8
88 17.0 0.0 32.8

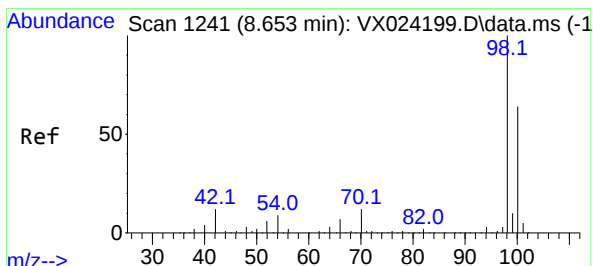
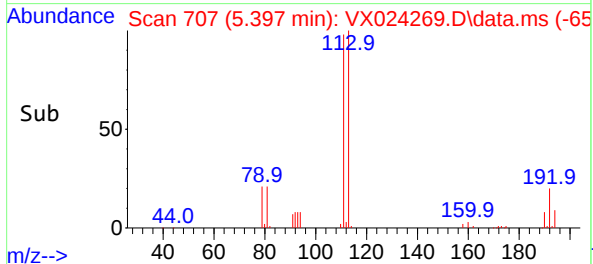
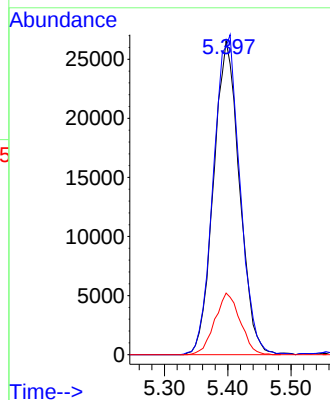
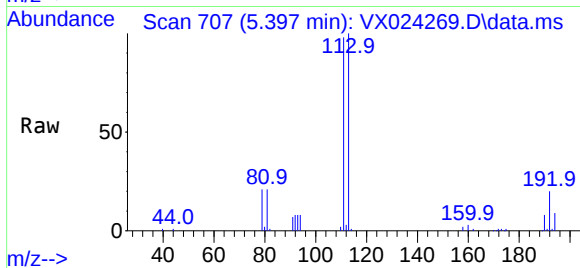




#35
Dibromofluoromethane
Concen: 48.829 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024269.D
Acq: 15 Sep 2021 18:35

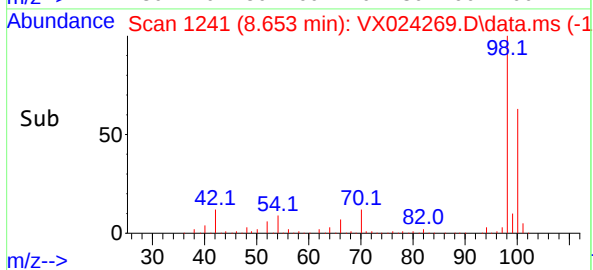
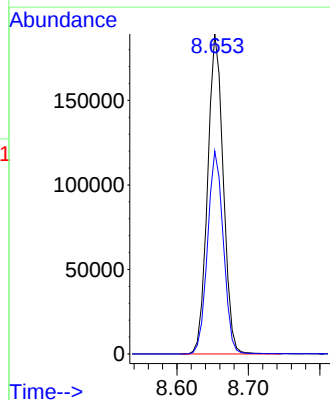
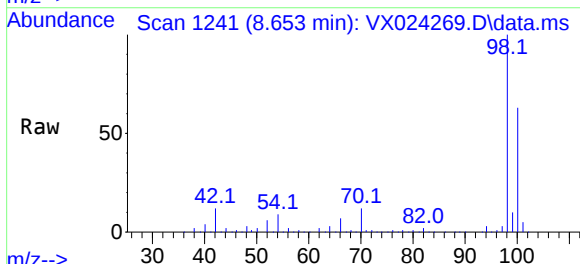
Instrument :
MSVOA_X
ClientSampleId :
33136

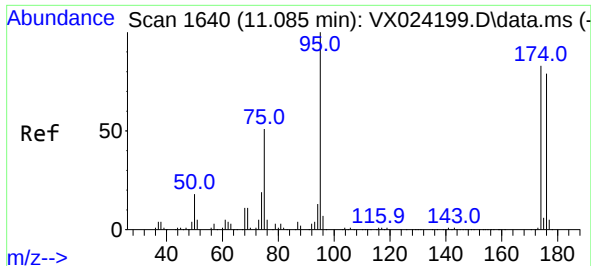
Tgt Ion:	113	Resp:	75509
Ion	Ratio	Lower	Upper
113	100		
111	104.2	81.9	122.9
192	19.1	16.7	25.1



#50
Toluene-d8
Concen: 51.084 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024269.D
Acq: 15 Sep 2021 18:35

Tgt Ion:	98	Resp:	287778
Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.9	77.9

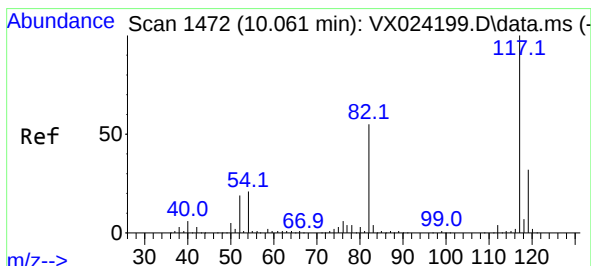
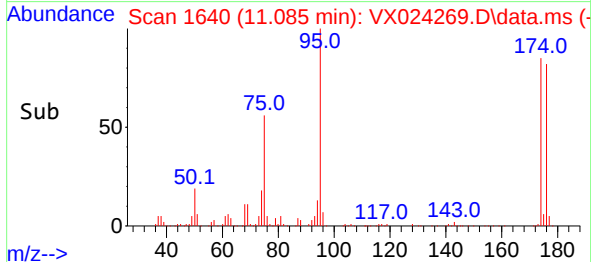
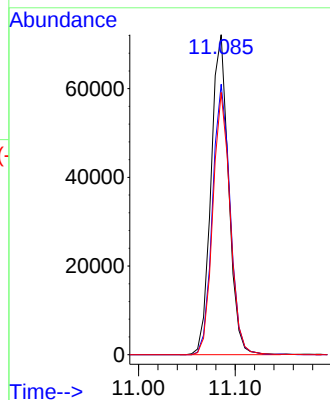
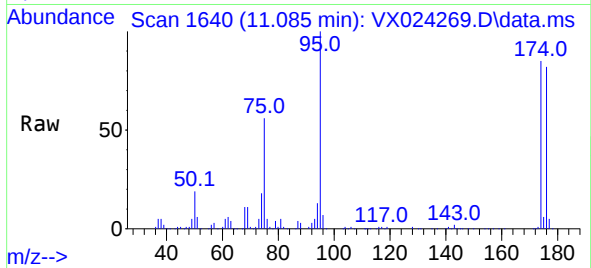




#62
4-Bromofluorobenzene
Concen: 41.534 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024269.D
Acq: 15 Sep 2021 18:35

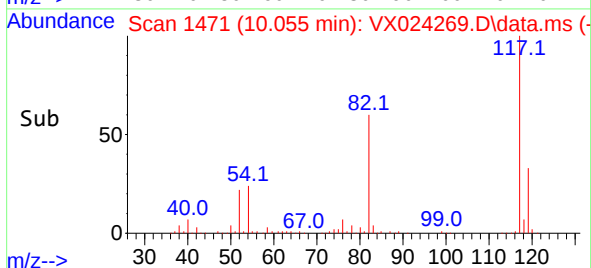
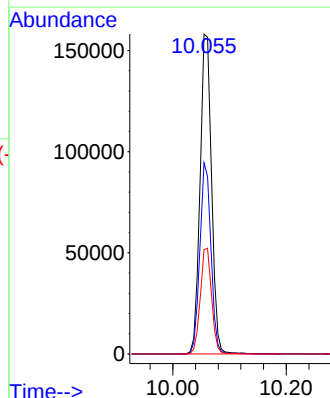
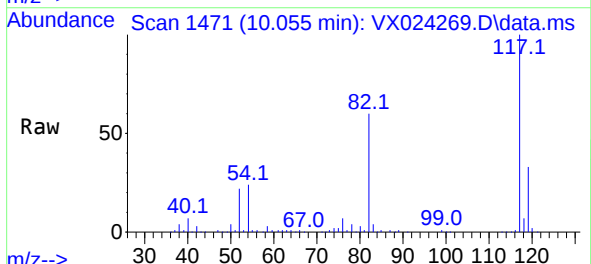
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33136

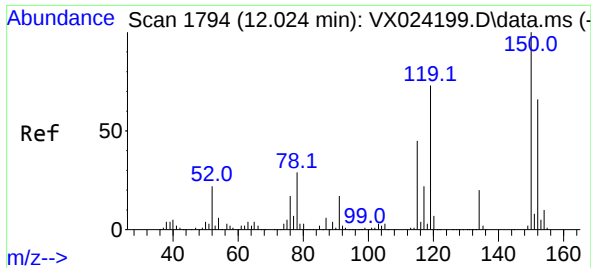
Tgt Ion: 95 Resp: 91057
Ion Ratio Lower Upper
95 100
174 84.7 0.0 154.6
176 80.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024269.D
Acq: 15 Sep 2021 18:35

Tgt Ion: 117 Resp: 222354
Ion Ratio Lower Upper
117 100
82 59.7 47.4 71.2
119 32.5 26.6 39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024269.D
 Acq: 15 Sep 2021 18:35

Instrument :
 MSVOA_X
 ClientSampleId :
 33136

Tgt Ion:152 Resp: 93958
 Ion Ratio Lower Upper
 152 100
 115 59.8 41.1 123.3
 150 156.0 0.0 349.0

