

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102521\
 Data File : VU045388.D
 Acq On : 25 Oct 2021 16:38
 Operator : SY/MD
 Sample : M4294-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WC-2-GD

Manual Integrations
 APPROVED

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 10/27/2021 9:20:02 AM

Quant Time: Oct 26 04:44:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 12:32:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.356	168	184980	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	6.247	114	345685	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	324352	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.822	152	142078	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	142432	46.256	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.520%		
35) Dibromofluoromethane	5.295	113	89150	40.881	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	81.760%		
50) Toluene-d8	7.899	98	437011	50.719	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.440%		
62) 4-Bromofluorobenzene	10.642	95	160281	45.057	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.120%		
Target Compounds						Qvalue
20) Methylene Chloride	3.080	84	10507m	3.817	ug/l	
43) Isopropyl Acetate	5.951	43	39277m	5.458	ug/l	

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

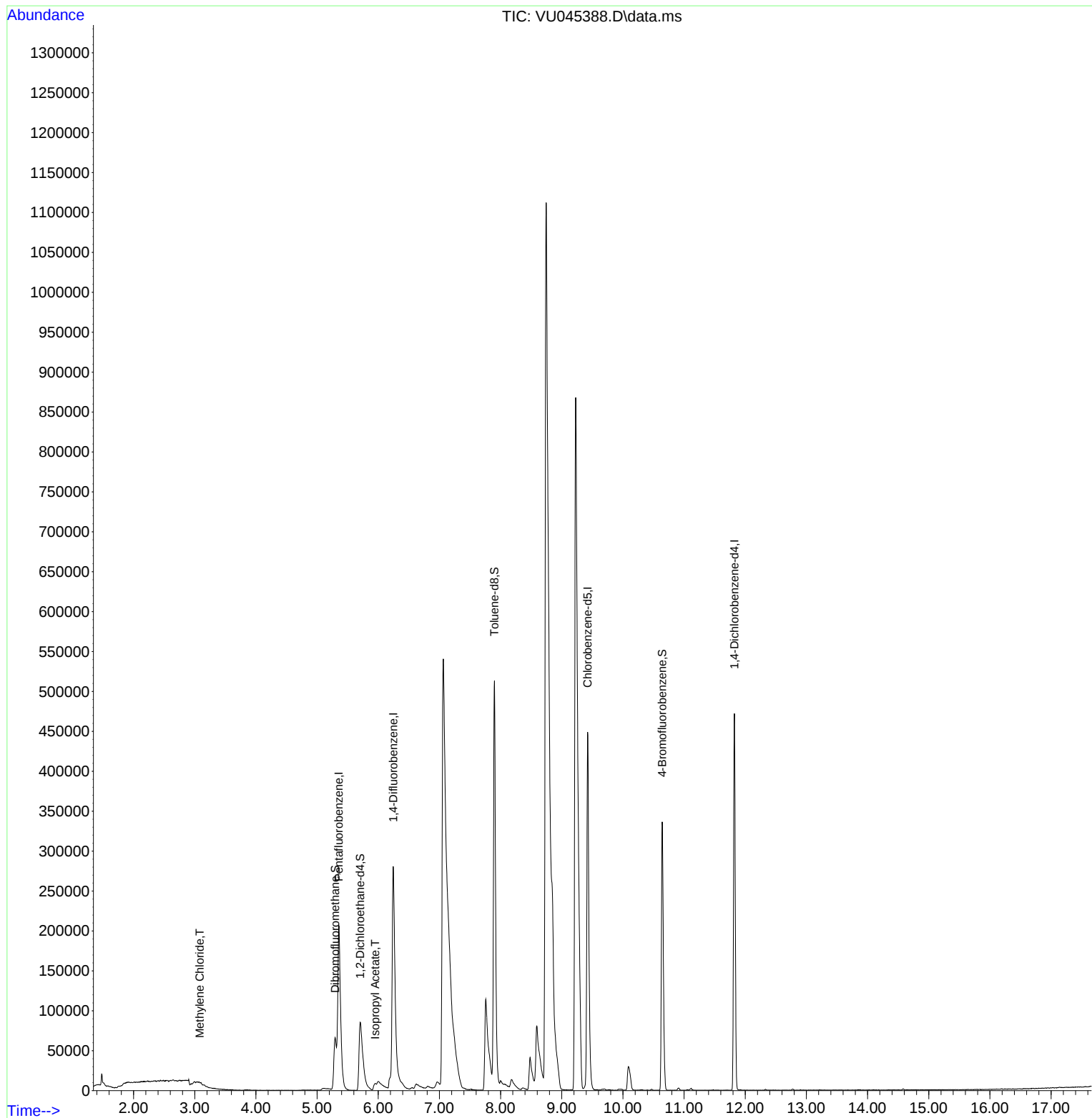
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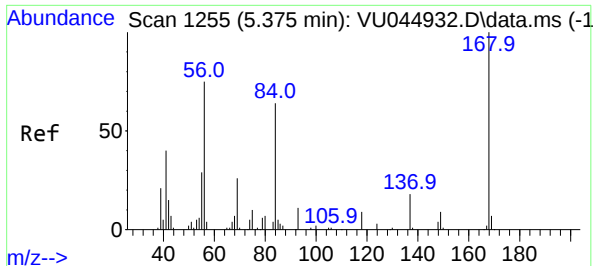
Instrument :
MSVOA_U
ClientSampleId :
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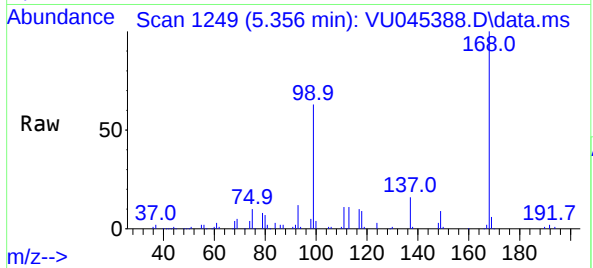
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Response via : Initial Calibration

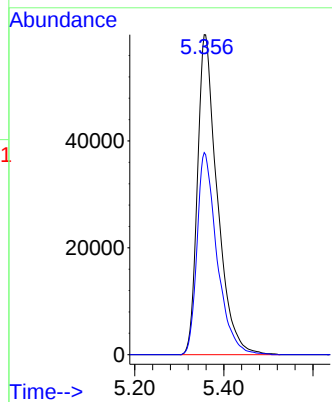
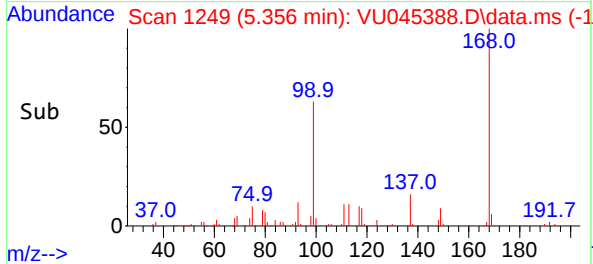




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.356 min Scan# 1249
Delta R.T. -0.019 min
Lab File: VU045388.D
Acq: 25 Oct 2021 16:38



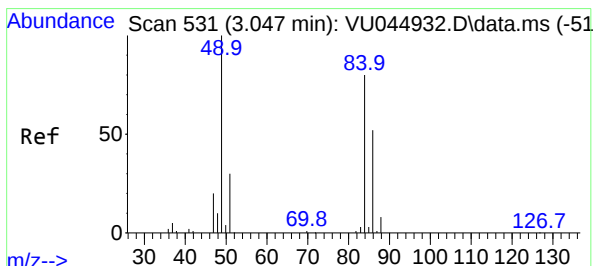
Tgt Ion:168 Resp: 184980
Ion Ratio Lower Upper
168 100
99 63.2 51.4 77.0



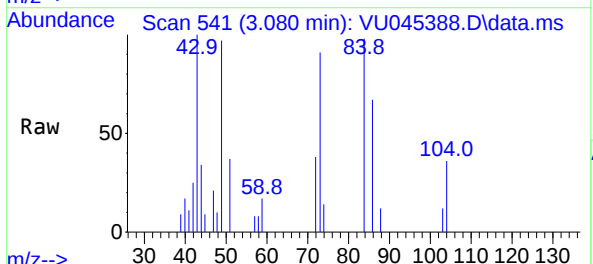
Instrument :
MSVOA_U
ClientSampled :
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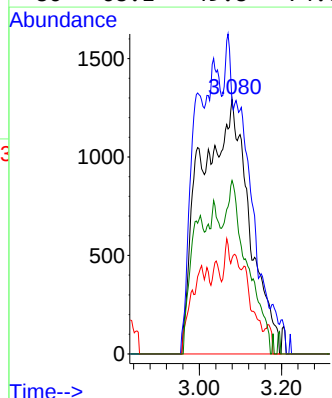
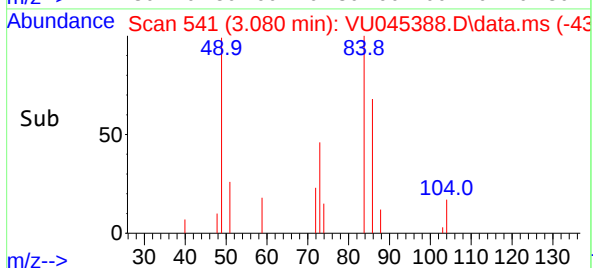
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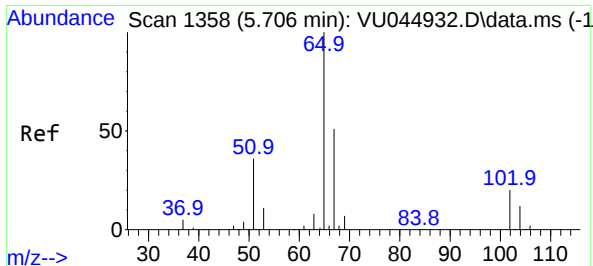


#20
Methylene Chloride
Concen: 3.817 ug/l m
RT: 3.080 min Scan# 541
Delta R.T. 0.033 min
Lab File: VU045388.D
Acq: 25 Oct 2021 16:38



Tgt Ion: 84 Resp: 10507
Ion Ratio Lower Upper
84 100
49 98.7 104.9 157.3#
51 37.6 31.8 47.8
86 68.1 49.8 74.6





#33

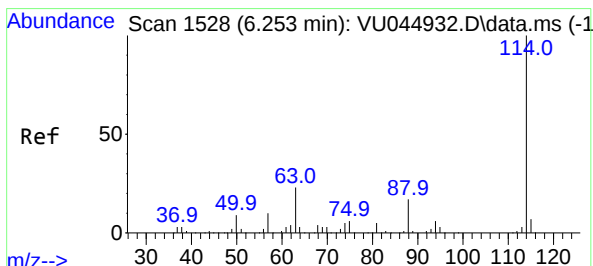
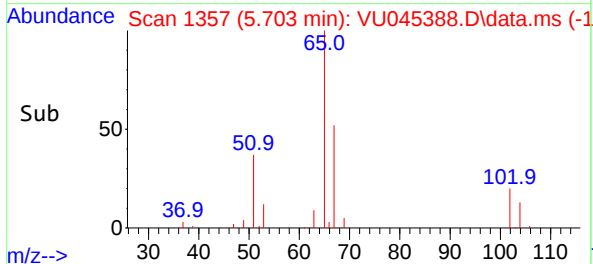
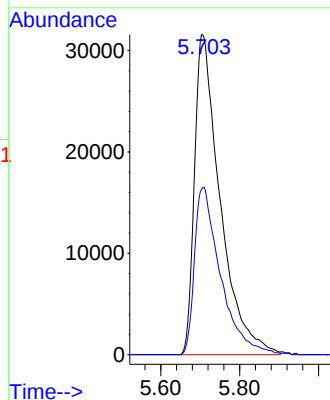
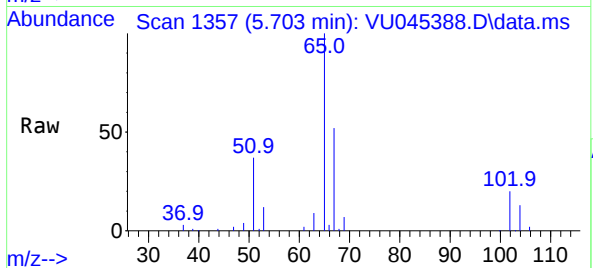
1,2-Dichloroethane-d4
Concen: 46.256 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. -0.003 min
Lab File: VU045388.D
Acq: 25 Oct 2021 16:38

Tgt Ion: 65 Resp: 142432
Ion Ratio Lower Upper
65 100
67 53.1 0.0 104.8

Instrument :
MSVOA_U
ClientSampled :
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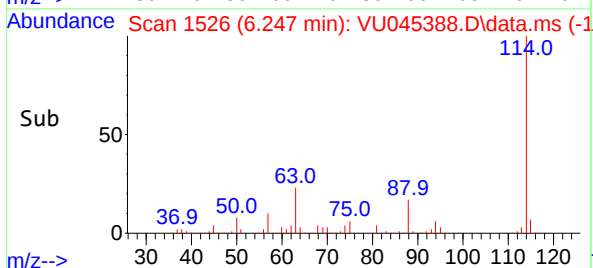
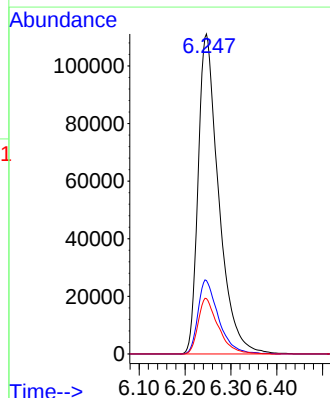
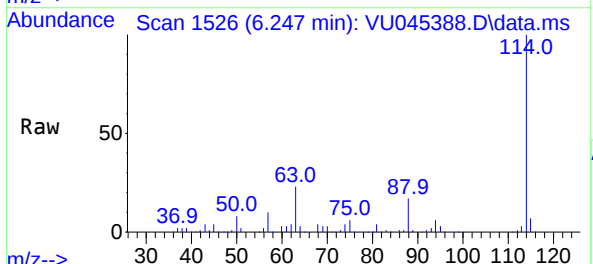
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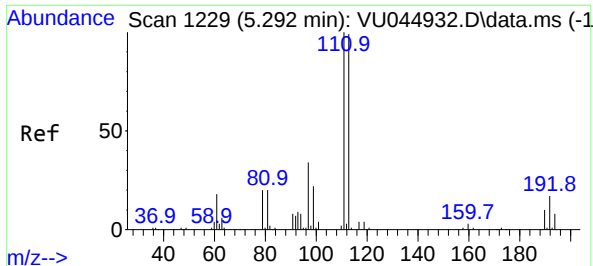


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.247 min Scan# 1526
Delta R.T. -0.006 min
Lab File: VU045388.D
Acq: 25 Oct 2021 16:38

Tgt Ion: 114 Resp: 345685
Ion Ratio Lower Upper
114 100
63 23.0 0.0 47.8
88 17.3 0.0 32.8





#35

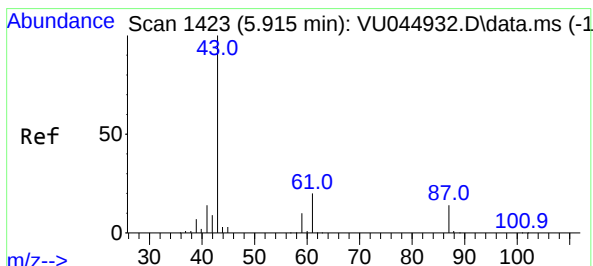
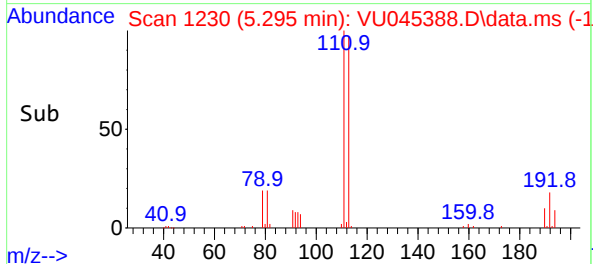
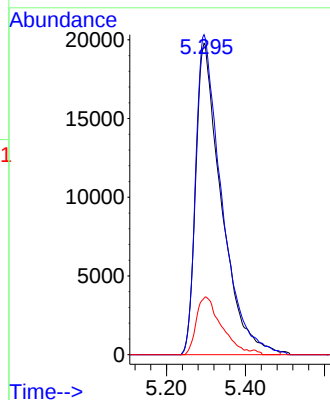
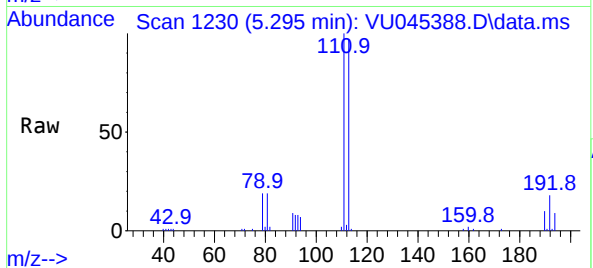
Dibromofluoromethane
Concen: 40.881 ug/l
RT: 5.295 min Scan# 1230
Delta R.T. 0.003 min
Lab File: VU045388.D
Acq: 25 Oct 2021 16:38

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.1	84.1	126.1
192	17.9	14.8	22.2

Instrument :
MSVOA_U
ClientSampled :
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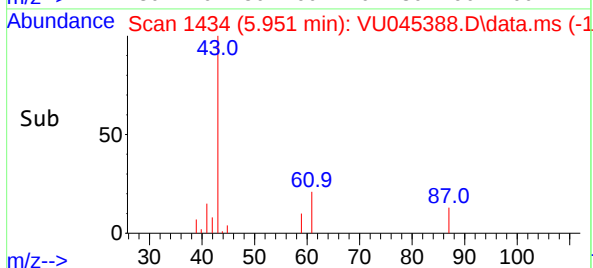
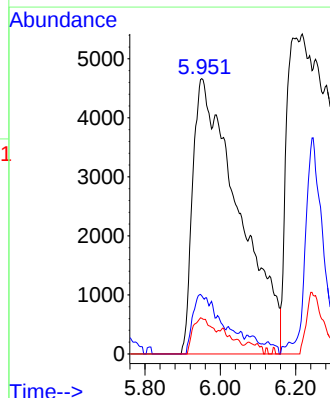
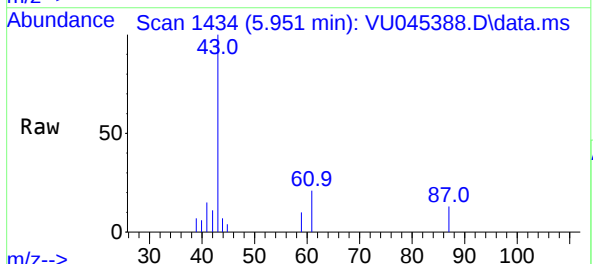
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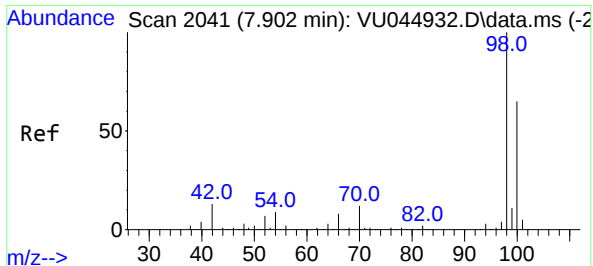


#43

Isopropyl Acetate
Concen: 5.458 ug/l m
RT: 5.951 min Scan# 1434
Delta R.T. 0.036 min
Lab File: VU045388.D
Acq: 25 Oct 2021 16:38

Tgt Ion	Ratio	Lower	Upper
43	100		
61	7.1	16.1	24.1#
87	5.5	10.3	15.5#





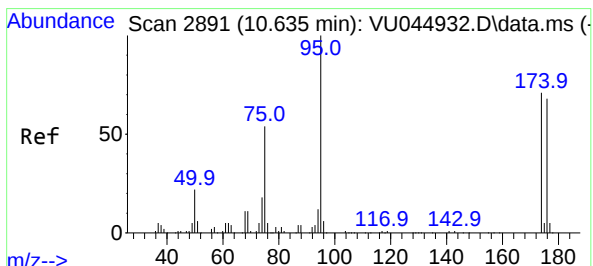
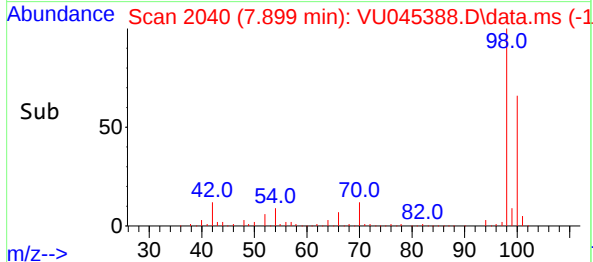
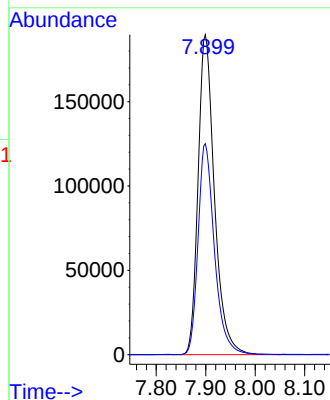
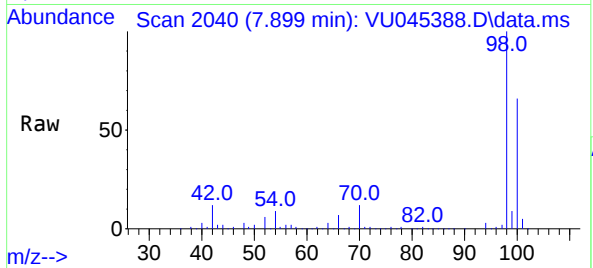
#50
Toluene-d8
Concen: 50.719 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.003 min
Lab File: VU045388.D
Acq: 25 Oct 2021 16:38

Tgt Ion: 98 Resp: 437011
Ion Ratio Lower Upper
98 100
100 66.1 52.5 78.7

Instrument :
MSVOA_U
ClientSampled :
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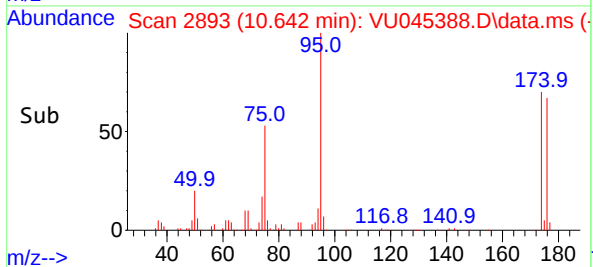
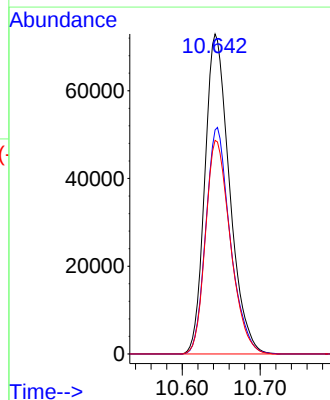
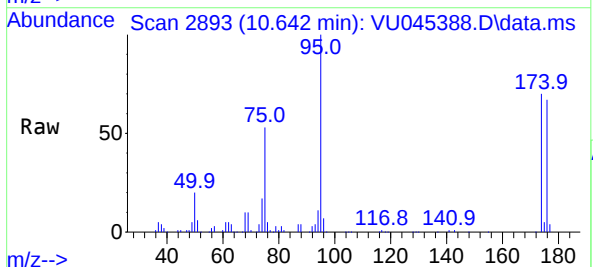
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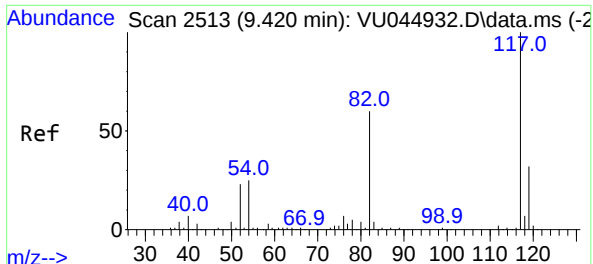
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#62
4-Bromofluorobenzene
Concen: 45.057 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. 0.007 min
Lab File: VU045388.D
Acq: 25 Oct 2021 16:38

Tgt Ion: 95 Resp: 160281
Ion Ratio Lower Upper
95 100
174 70.1 0.0 146.6
176 67.4 0.0 141.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.423 min Scan# 2514

Delta R.T. 0.003 min

Lab File: VU045388.D

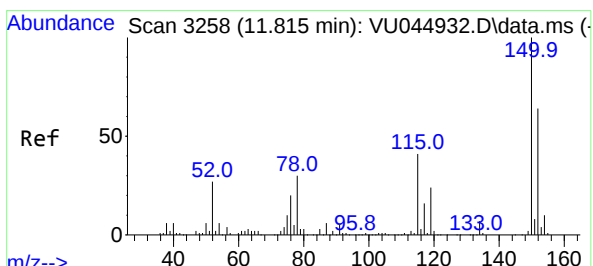
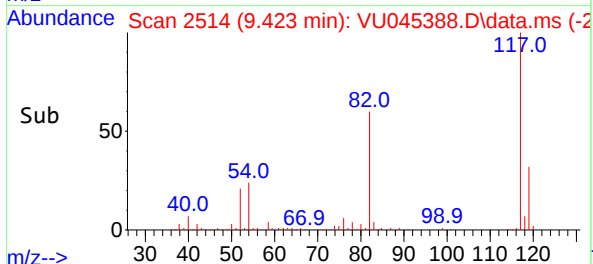
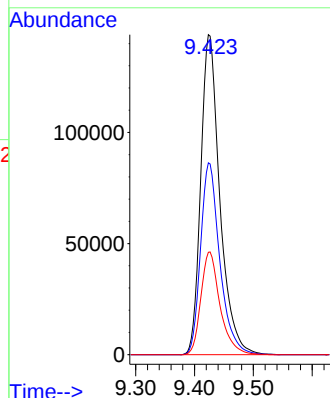
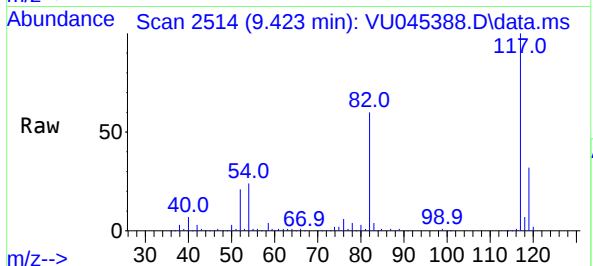
Acq: 25 Oct 2021 16:38

Tgt Ion:	117	Resp:	324352
Ion Ratio	Lower	Upper	
117	100		
82	59.9	47.8	71.8
119	32.0	25.8	38.6

Instrument :
MSVOA_U
ClientSampled :
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.822 min Scan# 3260

Delta R.T. 0.007 min

Lab File: VU045388.D

Acq: 25 Oct 2021 16:38

Tgt Ion:	152	Resp:	142078
Ion Ratio	Lower	Upper	
152	100		
115	62.4	43.5	130.7
150	158.9	0.0	350.0

