

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102221\
 Data File : VU045364.D
 Acq On : 22 Oct 2021 15:00
 Operator : SY/MD
 Sample : M4315-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MH-D-S

Manual Integrations
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MMDadoda
 10/25/2021 10:26:51 AM

Quant Time: Oct 23 01:12:23 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	5.375	168	231090	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	437234	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.427	117	398296	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	169840	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	181786	47.257	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.520%		
35) Dibromofluoromethane	5.292	113	131609	47.715	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.440%		
50) Toluene-d8	7.902	98	545719	50.074	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.140%		
62) 4-Bromofluorobenzene	10.645	95	192696	42.827	ug/l	0.01
Spiked Amount 50.000	Range 83 - 123		Recovery =	85.660%		
Target Compounds						
					Qvalue	
16) Acetone	2.652	43	14480	6.341	ug/l	98
18) Methyl Acetate	2.964	43	4393	0.658	ug/l	94
20) Methylene Chloride	3.038	84	17203	5.002	ug/l	95
29) Tetrahydrofuran	5.079	42	2297m	1.189	ug/l	
43) Isopropyl Acetate	5.925	43	33737	3.707	ug/l	100
68) m/p-Xylenes	9.703	106	2403	0.403	ug/l	94

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

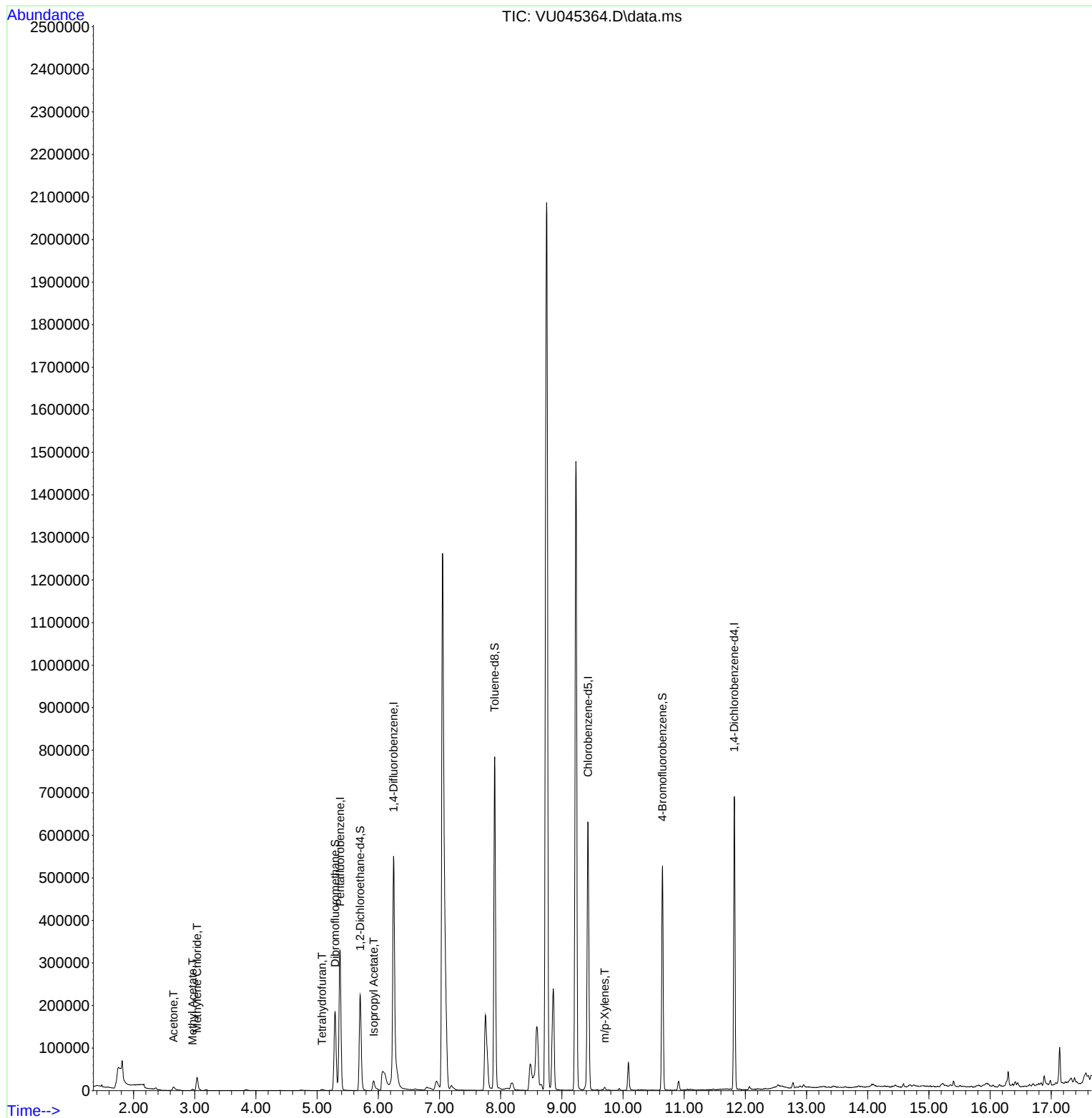
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Data File : VU045364.D
Acq On : 22 Oct 2021 15:00
Operator : SY/MD
Sample : M4315-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

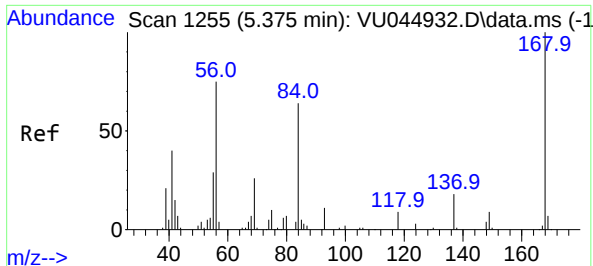
Instrument :
MSVOA_U
ClientSampleId :
MH-D-S

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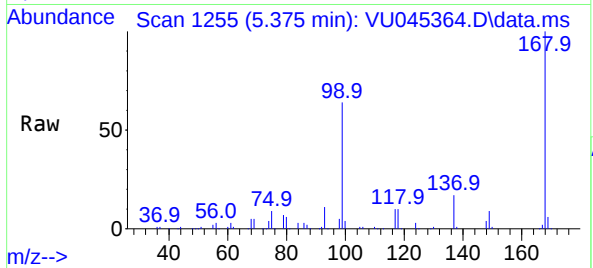
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10/25/2021 10:26:51 AM

Quant Time: Oct 23 01:12:23 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 28 12:32:13 2021
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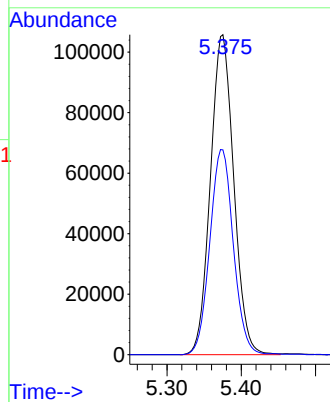
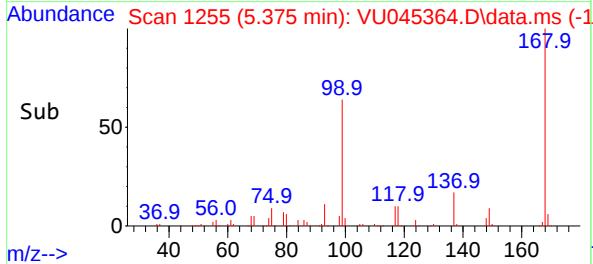




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VU045364.D
Acq: 22 Oct 2021 15:00



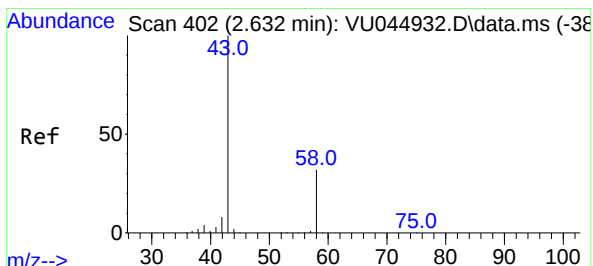
Tgt Ion:168 Resp: 231090
Ion Ratio Lower Upper
168 100
99 64.0 51.4 77.0



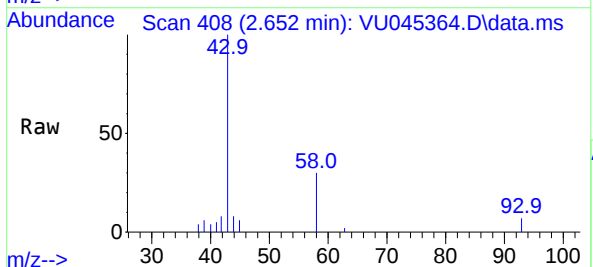
Instrument :
MSVOA_U
ClientSampled :
MH-D-S

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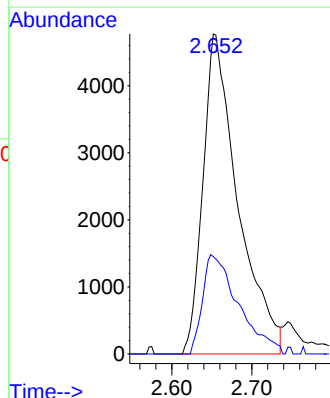
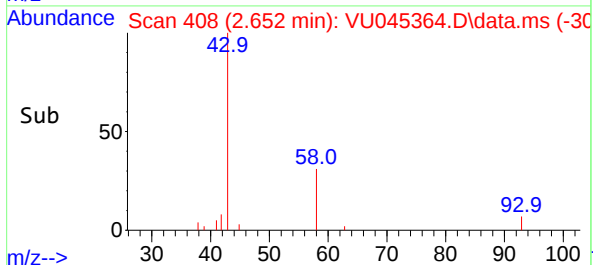
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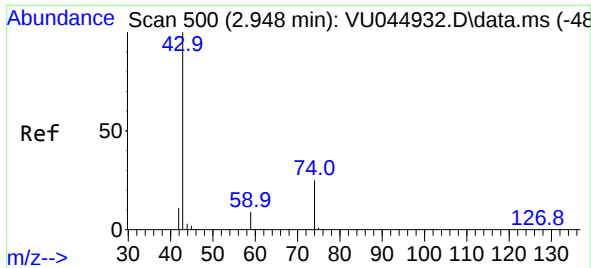


#16
Acetone
Concen: 6.341 ug/l
RT: 2.652 min Scan# 408
Delta R.T. 0.020 min
Lab File: VU045364.D
Acq: 22 Oct 2021 15:00



Tgt Ion: 43 Resp: 14480
Ion Ratio Lower Upper
43 100
58 30.4 25.2 37.8





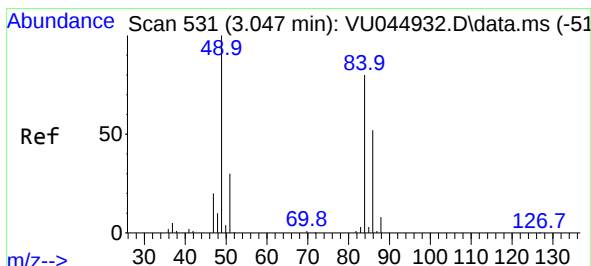
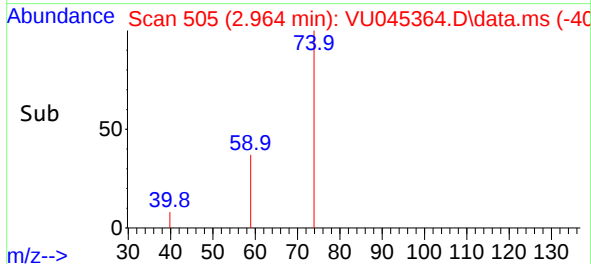
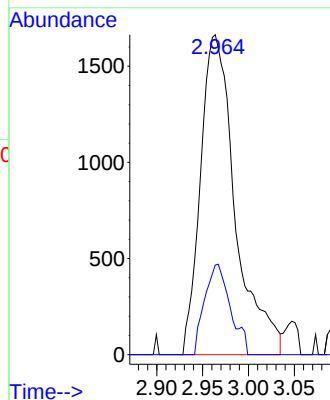
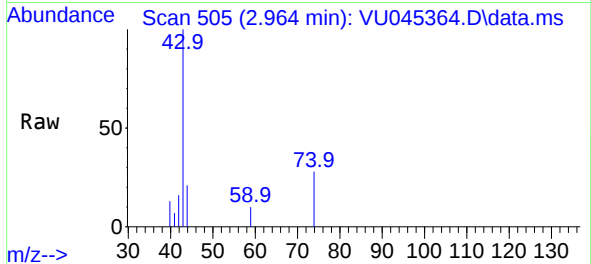
#18
Methyl Acetate
Concen: 0.658 ug/l
RT: 2.964 min Scan# 505
Delta R.T. 0.016 min
Lab File: VU045364.D
Acq: 22 Oct 2021 15:00

Tgt Ion: 43 Resp: 4393
Ion Ratio Lower Upper
43 100
74 20.8 19.0 28.6

Instrument :
MSVOA_U
ClientSampled :
MH-D-S

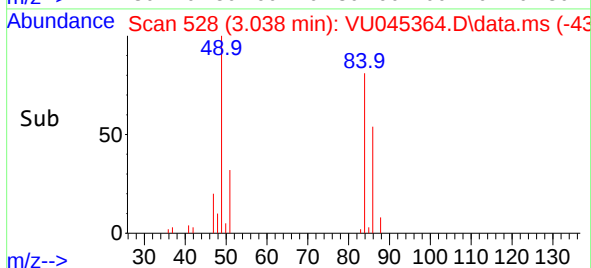
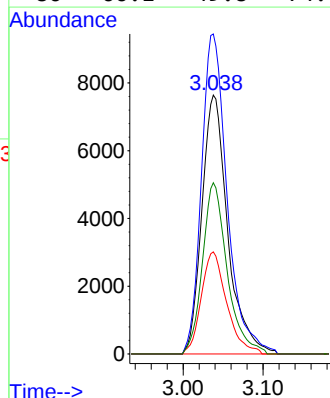
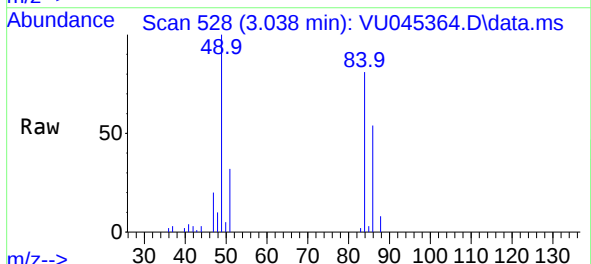
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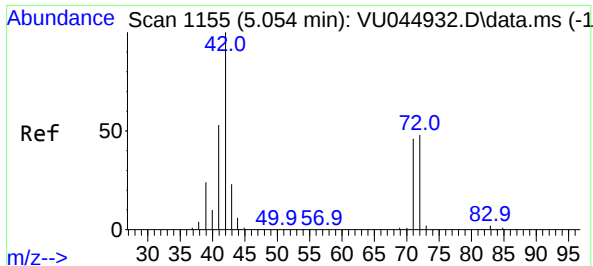
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#20
Methylene Chloride
Concen: 5.002 ug/l
RT: 3.038 min Scan# 528
Delta R.T. -0.009 min
Lab File: VU045364.D
Acq: 22 Oct 2021 15:00

Tgt Ion: 84 Resp: 17203
Ion Ratio Lower Upper
84 100
49 123.6 104.9 157.3
51 39.5 31.8 47.8
86 66.1 49.8 74.6





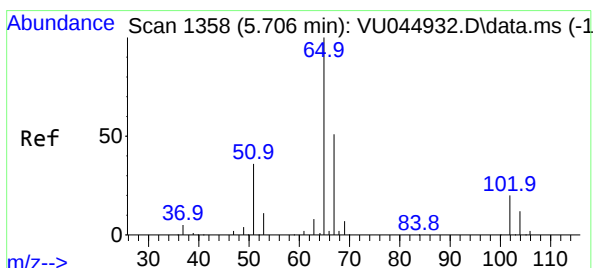
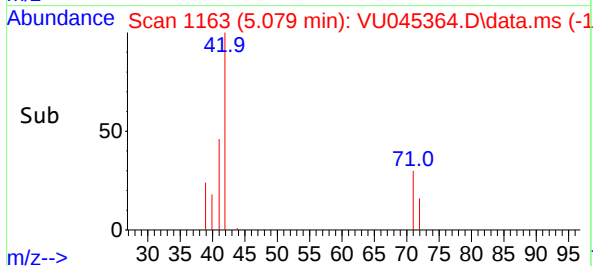
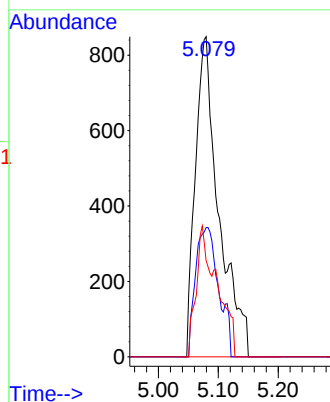
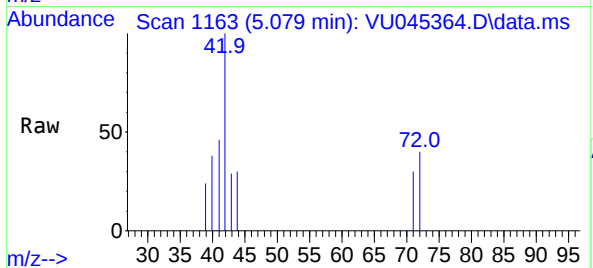
#29
Tetrahydrofuran
Concen: 1.189 ug/l m
RT: 5.079 min Scan# 1163
Delta R.T. 0.025 min
Lab File: VU045364.D
Acq: 22 Oct 2021 15:00

Tgt Ion:	42	Resp:	2297
Ion	Ratio	Lower	Upper
42	100		
72	36.6	36.2	54.4
71	22.4	34.1	51.1#

Instrument :
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ClientSampled :
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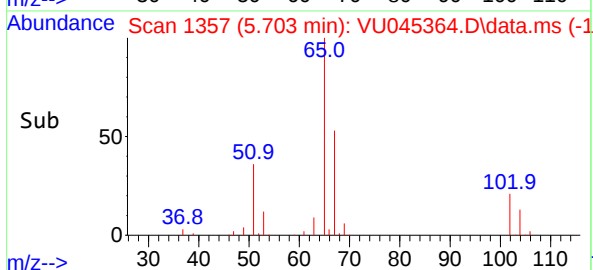
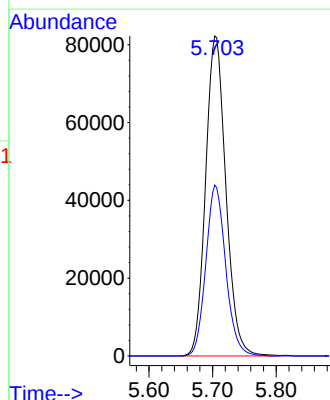
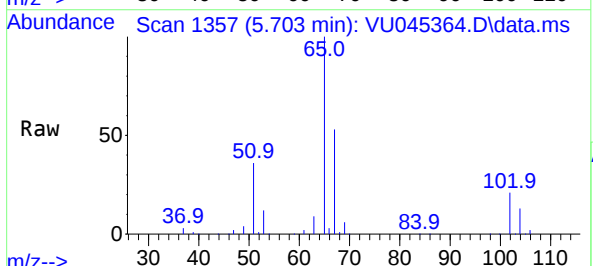
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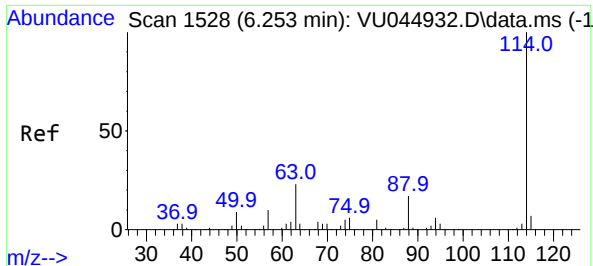
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#33
1,2-Dichloroethane-d4
Concen: 47.257 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. -0.003 min
Lab File: VU045364.D
Acq: 22 Oct 2021 15:00

Tgt Ion:	65	Resp:	181786
Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	104.8





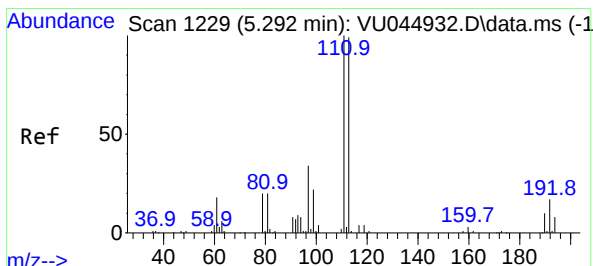
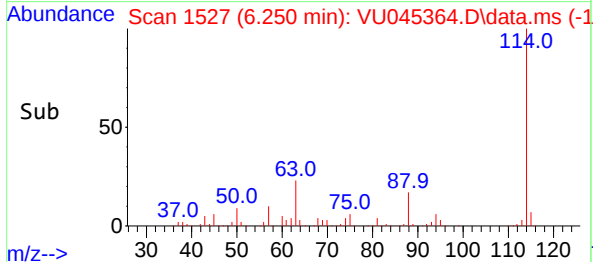
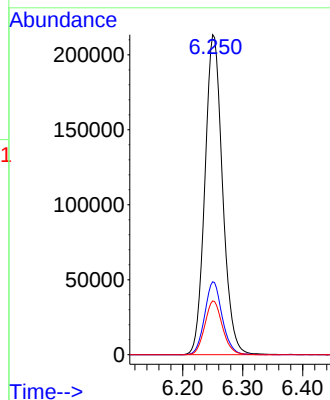
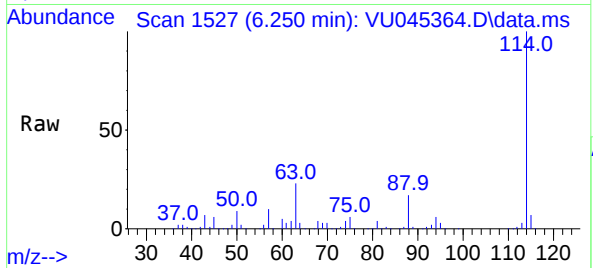
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.250 min Scan# 1527
Delta R.T. -0.003 min
Lab File: VU045364.D
Acq: 22 Oct 2021 15:00

Tgt Ion:114 Resp: 437234
Ion Ratio Lower Upper
114 100
63 22.8 0.0 47.8
88 16.8 0.0 32.8

Instrument :
MSVOA_U
ClientSampled :
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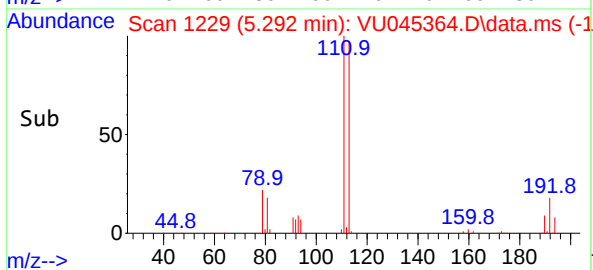
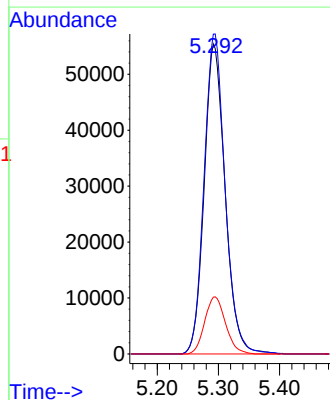
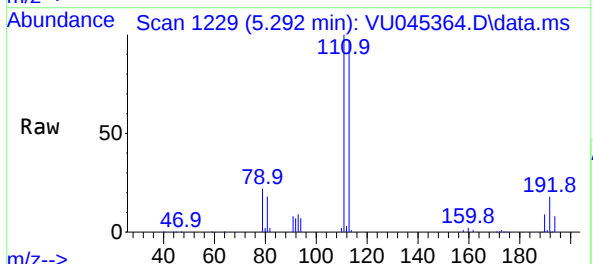
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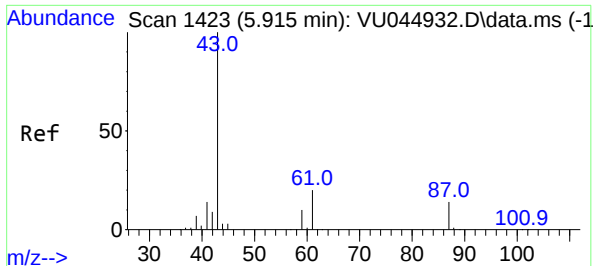
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#35
Dibromofluoromethane
Concen: 47.715 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VU045364.D
Acq: 22 Oct 2021 15:00

Tgt Ion:113 Resp: 131609
Ion Ratio Lower Upper
113 100
111 103.7 84.1 126.1
192 18.4 14.8 22.2





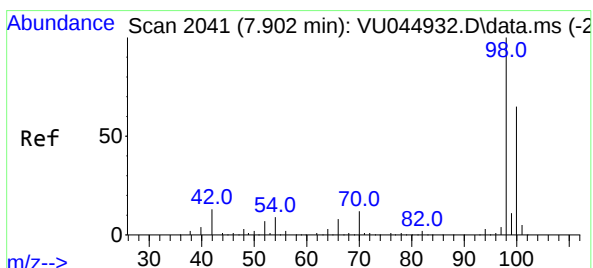
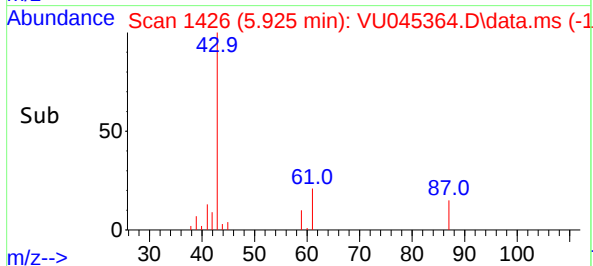
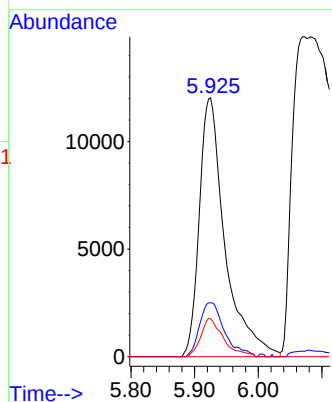
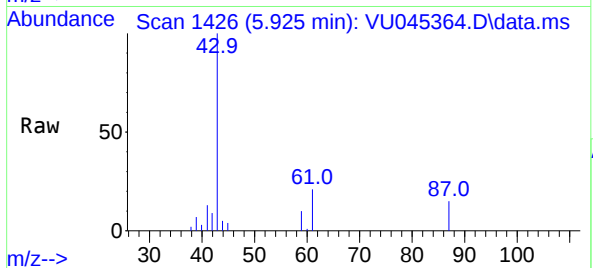
#43
Isopropyl Acetate
Concen: 3.707 ug/l
RT: 5.925 min Scan# 1426
Delta R.T. 0.010 min
Lab File: VU045364.D
Acq: 22 Oct 2021 15:00

Tgt Ion:	43	Resp:	33737
Ion	Ratio	Lower	Upper
43	100		
61	20.2	16.1	24.1
87	13.0	10.3	15.5

Instrument :
MSVOA_U
ClientSampled :
MH-D-S

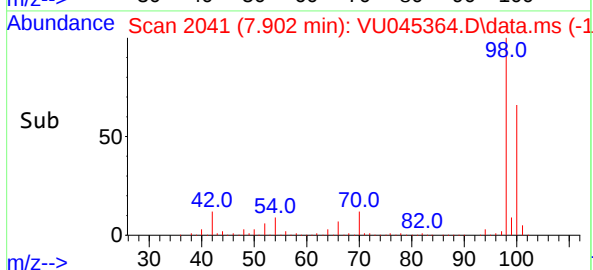
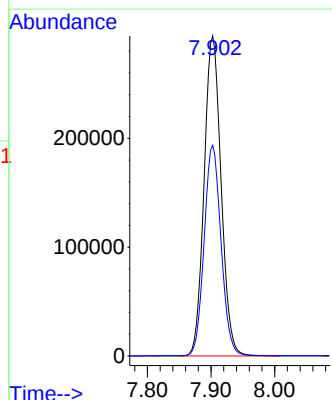
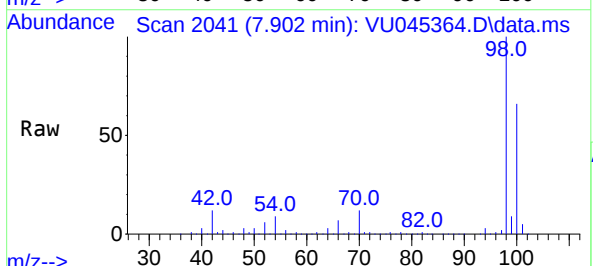
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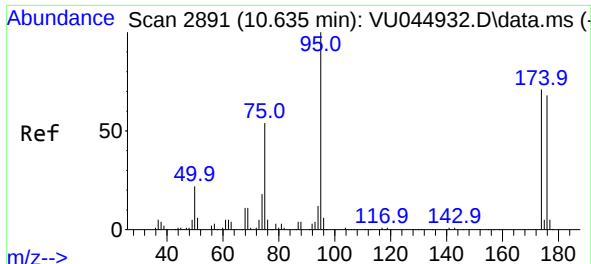
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#50
Toluene-d8
Concen: 50.074 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU045364.D
Acq: 22 Oct 2021 15:00

Tgt Ion:	98	Resp:	545719
Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.5	78.7





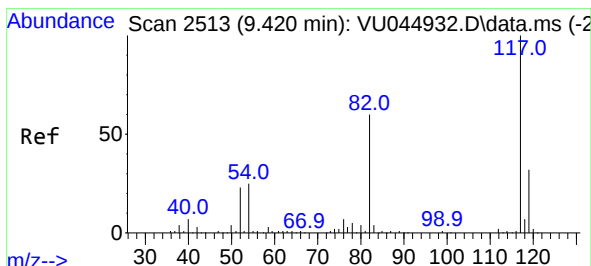
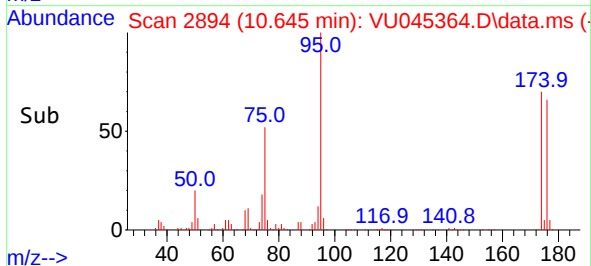
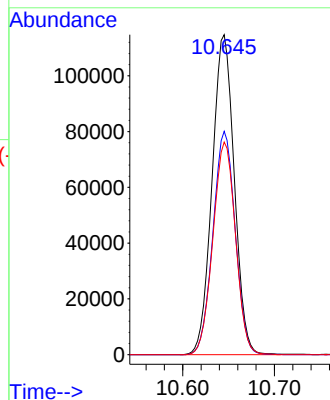
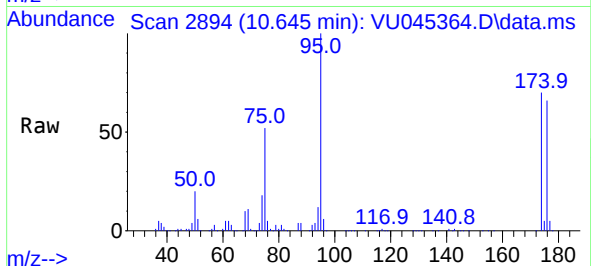
#62
4-Bromofluorobenzene
Concen: 42.827 ug/l
RT: 10.645 min Scan# 2894
Delta R.T. 0.010 min
Lab File: VU045364.D
Acq: 22 Oct 2021 15:00

Tgt Ion: 95 Resp: 192696
Ion Ratio Lower Upper
95 100
174 70.1 0.0 146.6
176 67.6 0.0 141.2

Instrument :
MSVOA_U
ClientSampled :
MH-D-S

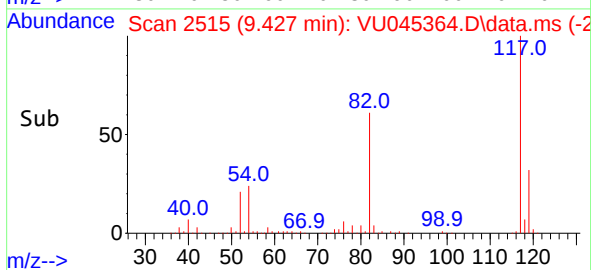
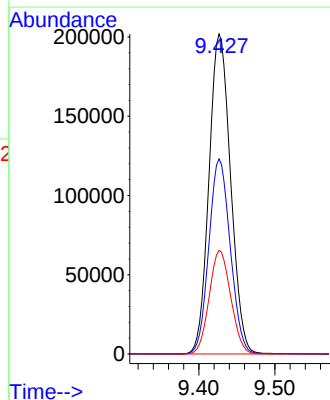
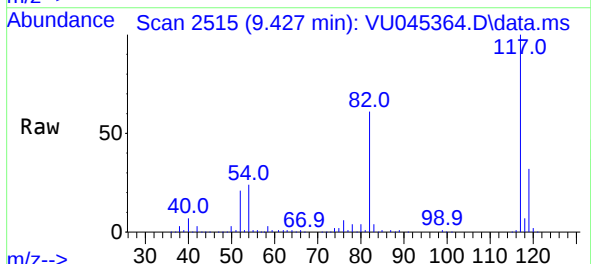
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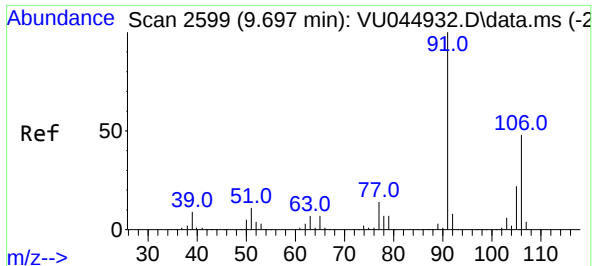
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.427 min Scan# 2515
Delta R.T. 0.007 min
Lab File: VU045364.D
Acq: 22 Oct 2021 15:00

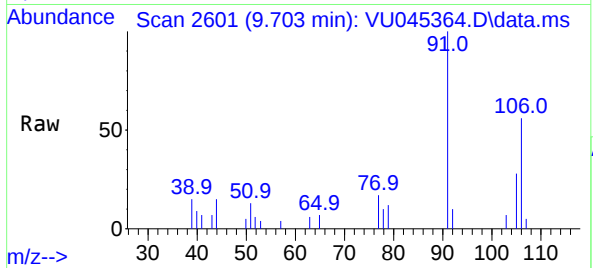
Tgt Ion: 117 Resp: 398296
Ion Ratio Lower Upper
117 100
82 61.0 47.8 71.8
119 32.4 25.8 38.6





#68
m/p-Xylenes
Concen: 0.403 ug/l
RT: 9.703 min Scan# 2601
Delta R.T. 0.006 min
Lab File: VU045364.D
Acq: 22 Oct 2021 15:00

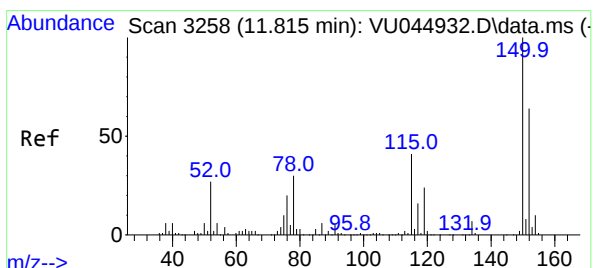
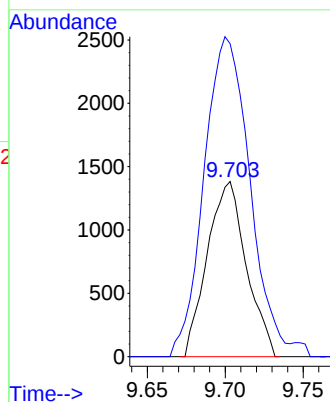
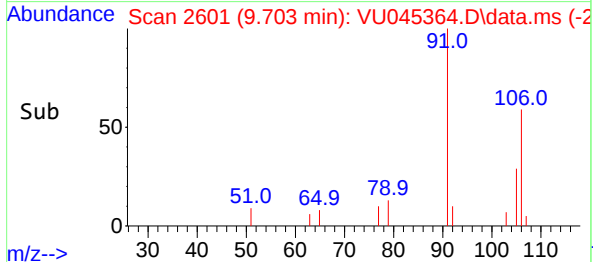
Instrument :
MSVOA_U
ClientSampled :
MH-D-S



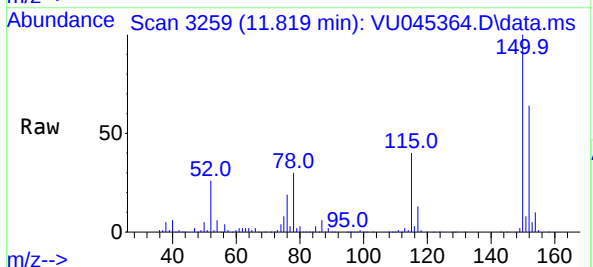
Tgt Ion:106 Resp: 2403
Ion Ratio Lower Upper
106 100
91 213.9 164.2 246.2

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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. 0.004 min
Lab File: VU045364.D
Acq: 22 Oct 2021 15:00



Tgt Ion:152 Resp: 169840
Ion Ratio Lower Upper
152 100
115 63.0 43.5 130.7
150 156.0 0.0 350.0

