

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\
 Data File : VN056089.D
 Acq On : 7 Jun 2019 10:35
 Operator : JC/SP
 Sample : K3237-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 55-ST-16

Manual Integrations
 APPROVED

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Quant Time: Jun 08 05:23:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N060619W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jun 06 04:02:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	49630	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	260537	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	199940	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	95200	30.89	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery =	102.97%		
60) 4-Bromofluorobenzene	12.40	95	68028	22.96	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery =	76.53%		
63) Toluene-d8	10.09	98	294385	32.46	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery =	108.20%		
Target Compounds						
15) Acetone	3.82	58	1409	3.100	ug/l	Ovalue 95
22) cis-1,2-Dichloroethene	6.82	96	10762m	3.334	ug/l	
25) Chloroform	7.37	83	2108	0.437	ug/l	86

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

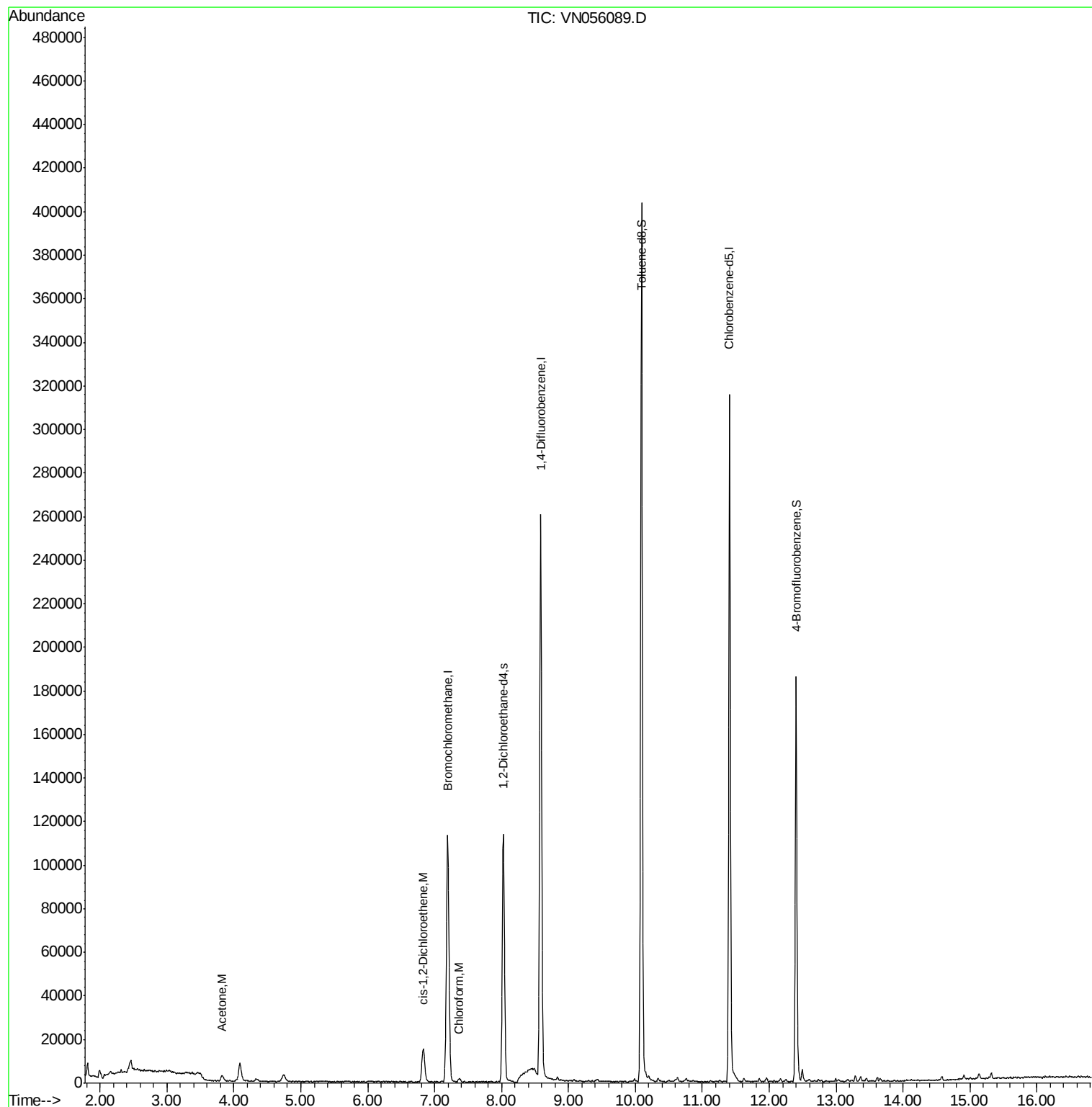
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\
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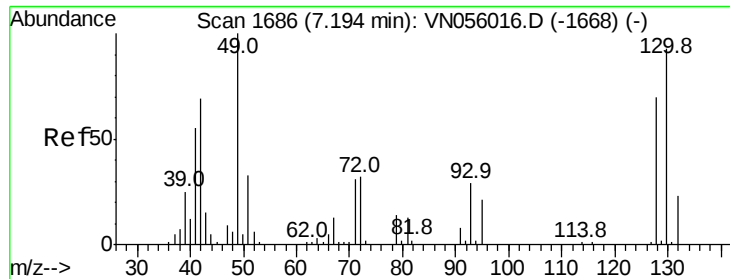
Instrument :
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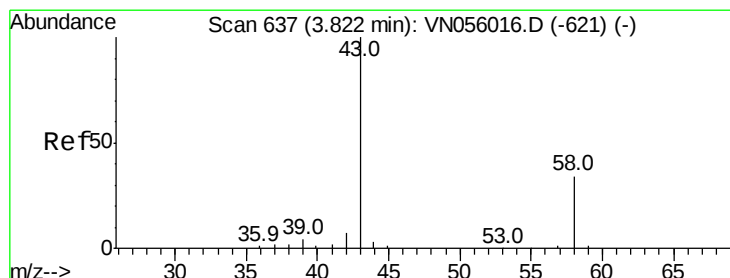
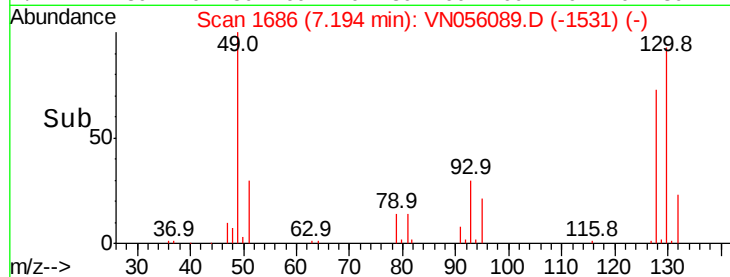
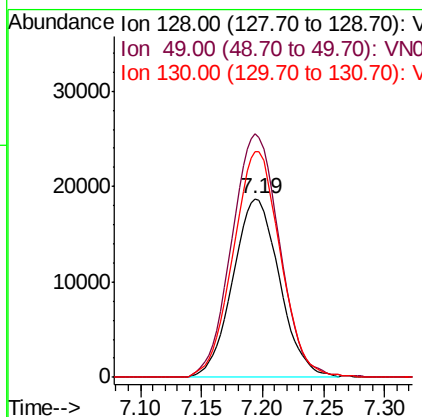
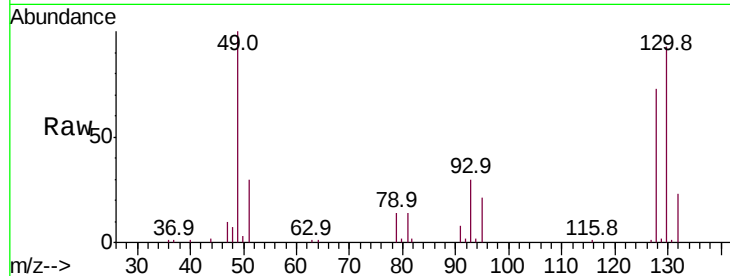
#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.19 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: VN056089.D
 Acq: 7 Jun 2019 10:35

Instrument :
 MSVOA_N
 ClientSampleId :
 55-ST-16

Tot Ion	Ratio	Lower	Upper
128	100		
49	140.3	0.0	355.8
130	128.2	0.0	326.3

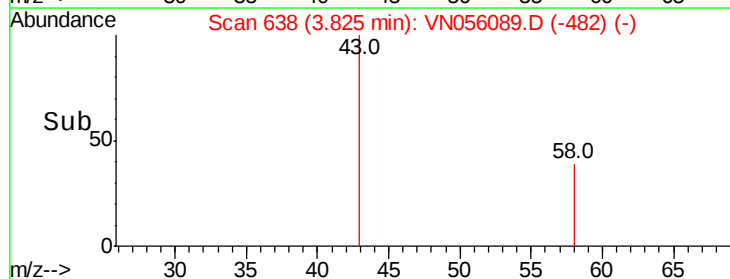
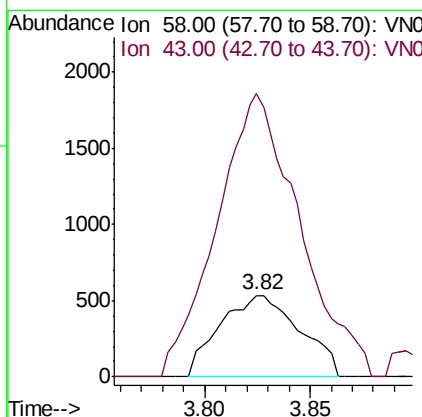
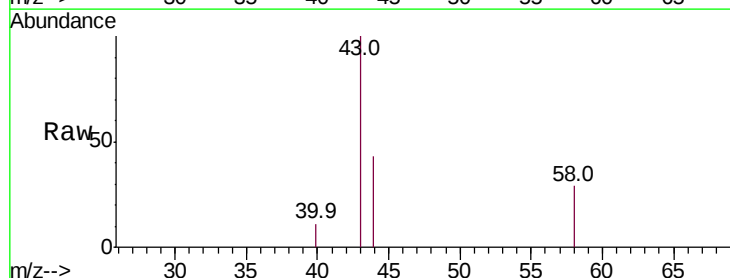
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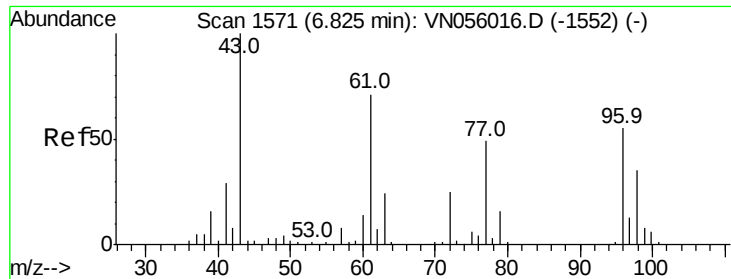
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#15
 Acetone
 Concen: 3.100 ug/l
 RT: 3.82 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: VN056089.D
 Acq: 7 Jun 2019 10:35

Tgt Ion	Ratio	Lower	Upper
58	100		
43	281.9	232.5	348.7





#22

cis-1,2-Dichloroethene

Concen: 3.334 ug/l m

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN056089.D

Acq: 7 Jun 2019 10:35

Instrument :

MSVOA_N

ClientSampleId :

55-ST-16

Tot Ion: 96 Resp: 10762

Ion Ratio Lower Upper

96 100

61 120.4 105.7 158.5

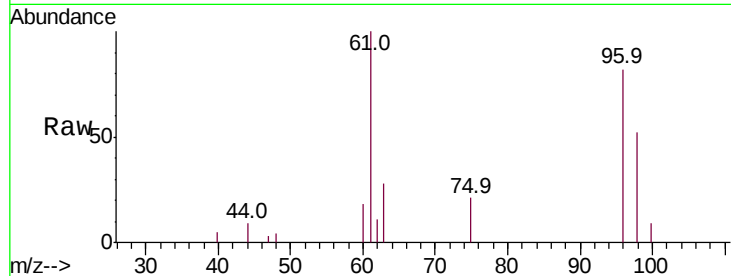
98 61.9 52.0 78.0

Manual Integrations

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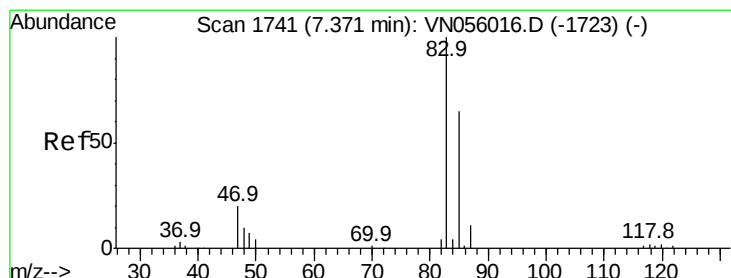
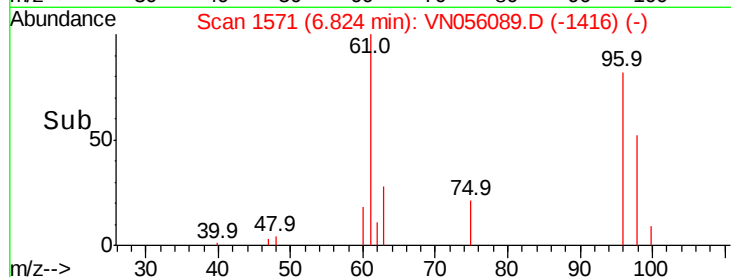
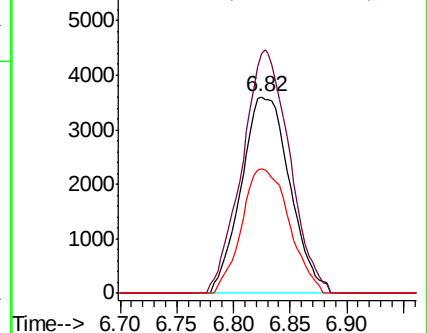
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Abundance Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#25

Chloroform

Concen: 0.437 ug/l

RT: 7.37 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VN056089.D

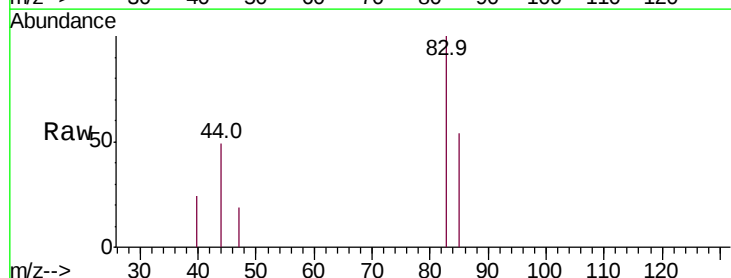
Acq: 7 Jun 2019 10:35

Tgt Ion: 83 Resp: 2108

Ion Ratio Lower Upper

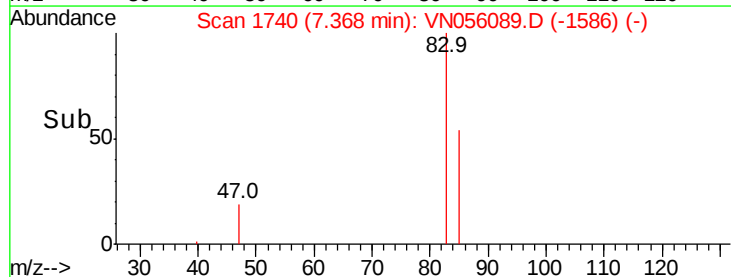
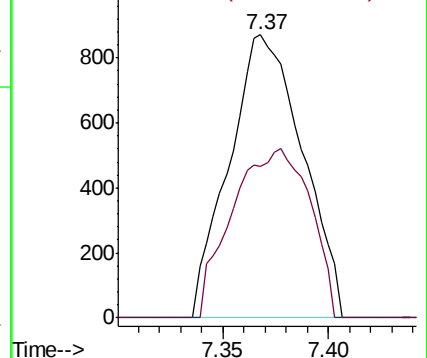
83 100

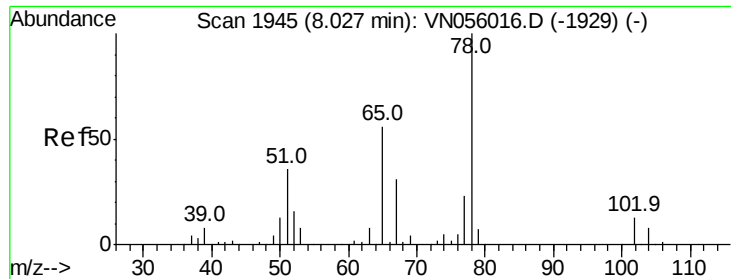
85 53.6 52.0 78.0



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0





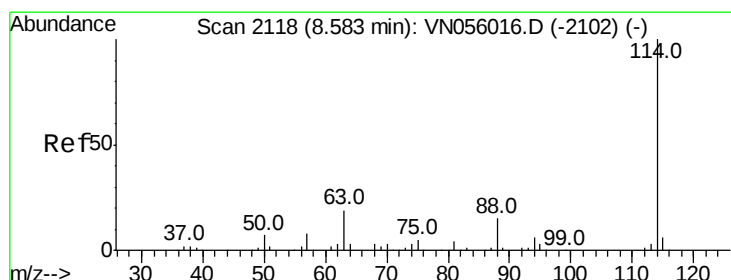
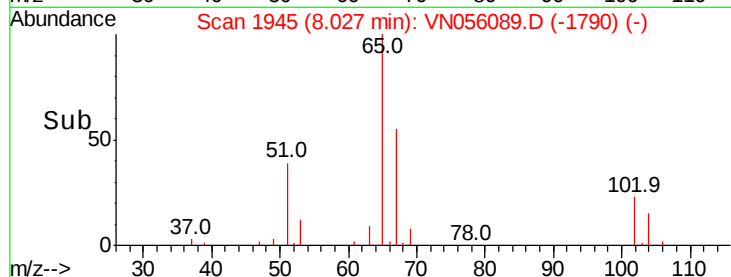
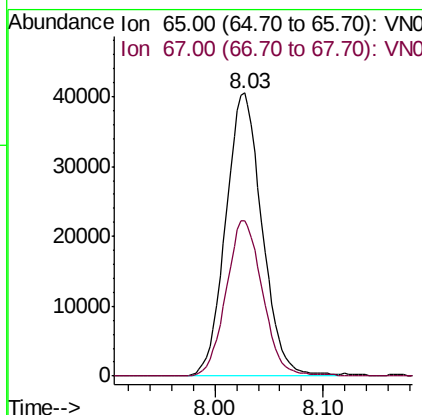
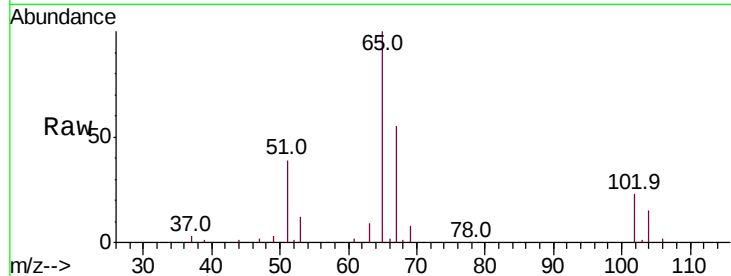
#27
 1,2-Dichloroethane-d4
 Concen: 30.889 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN056089.D
 Acq: 7 Jun 2019 10:35

Instrument :
 MSVOA_N
 ClientSampleId :
 55-ST-16

Tot Ion: 65 Resp: 95200
 Ion Ratio Lower Upper
 65 100
 67 54.7 43.4 65.2

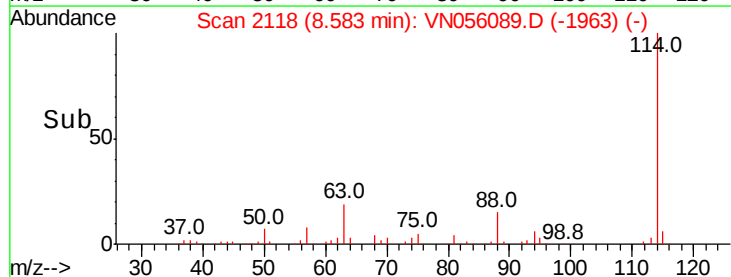
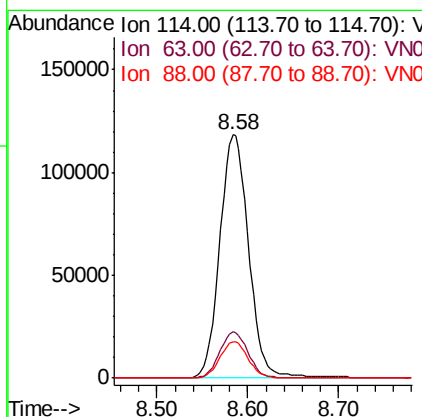
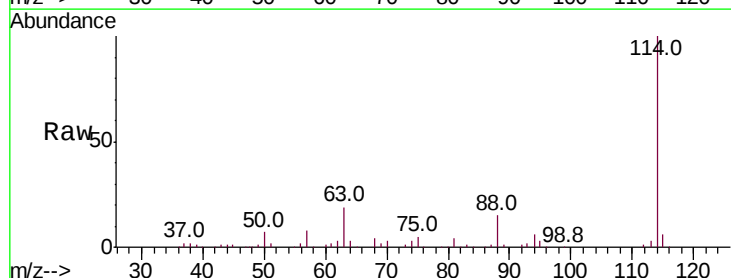
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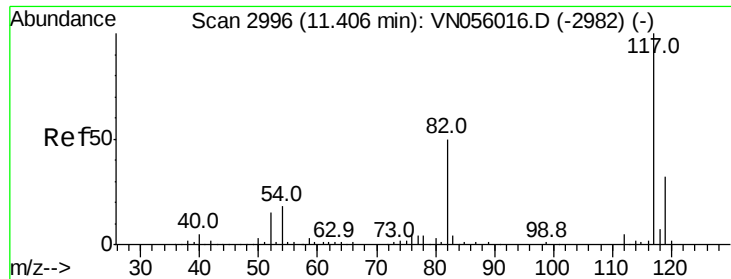
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#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN056089.D
 Acq: 7 Jun 2019 10:35

Tgt Ion: 114 Resp: 260537
 Ion Ratio Lower Upper
 114 100
 63 18.7 14.7 22.1
 88 14.7 11.9 17.9





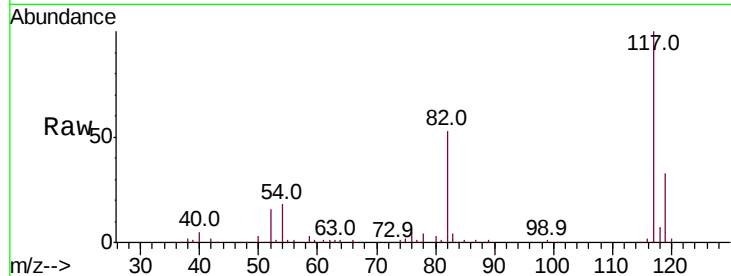
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056089.D
Acq: 7 Jun 2019 10:35

Instrument :
MSVOA_N
ClientSampled :
55-ST-16

Tot Ion	Ratio	Resp	Lower	Upper
117	100	199940		
82	52.9	41.2	61.8	
119	32.5	26.2	39.2	

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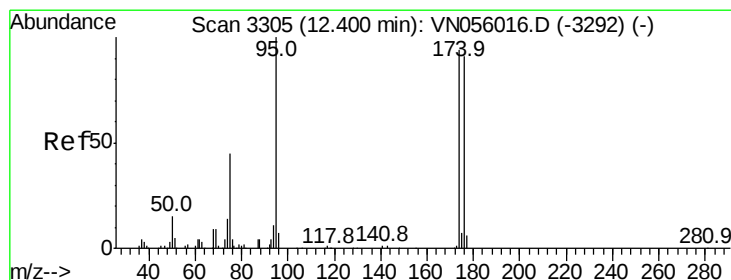
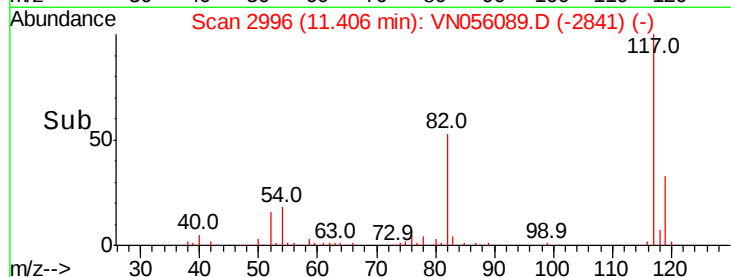
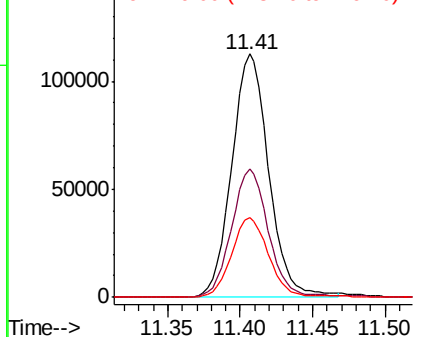


Abundance

Ion 117.00 (116.70 to 117.70): V

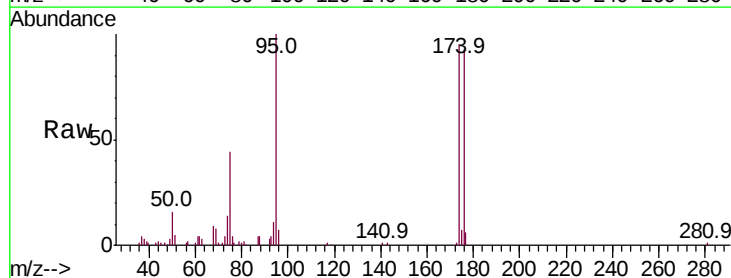
Ion 82.00 (81.70 to 82.70): V

Ion 119.00 (118.70 to 119.70): V



#60
4-Bromofluorobenzene
Concen: 22.955 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN056089.D
Acq: 7 Jun 2019 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	68028		
174	96.6	75.4	113.0	
176	92.8	73.9	110.9	

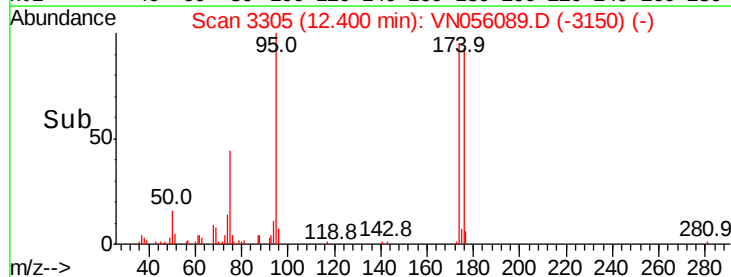
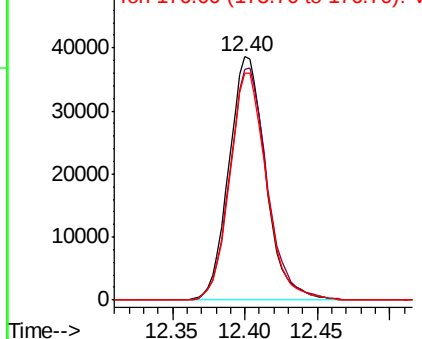


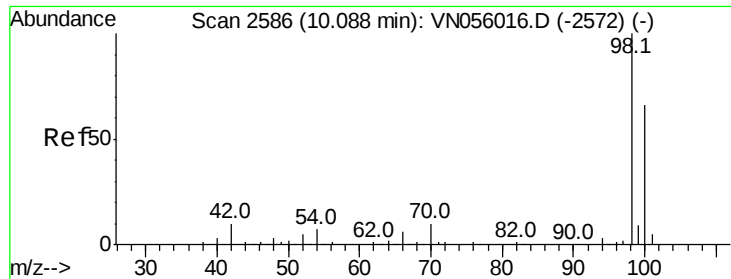
Abundance

Ion 95.00 (94.70 to 95.70): V

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V





#63
Toluene-d8
Concen: 32.457 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN056089.D
Acq: 7 Jun 2019 10:35

Instrument :
MSVOA_N
ClientSampleId :
55-ST-16

Tot Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.2	78.4

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