

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080619\
 Data File : VN057101.D
 Acq On : 6 Aug 2019 14:21
 Operator : JC/SP
 Sample : K4152-27
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 2S-H1-(30)

Manual Integrations
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MMdadoda
 8/9/2019 12:51:35 AM

Quant Time: Aug 07 04:16:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 01:33:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	494265	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	712065	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	607136	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	192465	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	247939	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	
35) Dibromofluoromethane	7.58	113	216037	47.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.78%	
50) Toluene-d8	10.08	98	830975	47.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.60%	
62) 4-Bromofluorobenzene	12.40	95	239095	42.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.50%	
Target Compounds						
8) Diethyl Ether	3.40	74	3474m	1.264	ug/l	Qvalue
16) Acetone	3.81	43	15064	8.218	ug/l	95
18) Methyl Acetate	4.31	43	18480	3.160	ug/l	97
20) Methylene Chloride	4.52	84	16278	3.083	ug/l	91
43) Isopropyl Acetate	8.16	43	47074	5.675	ug/l #	68

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

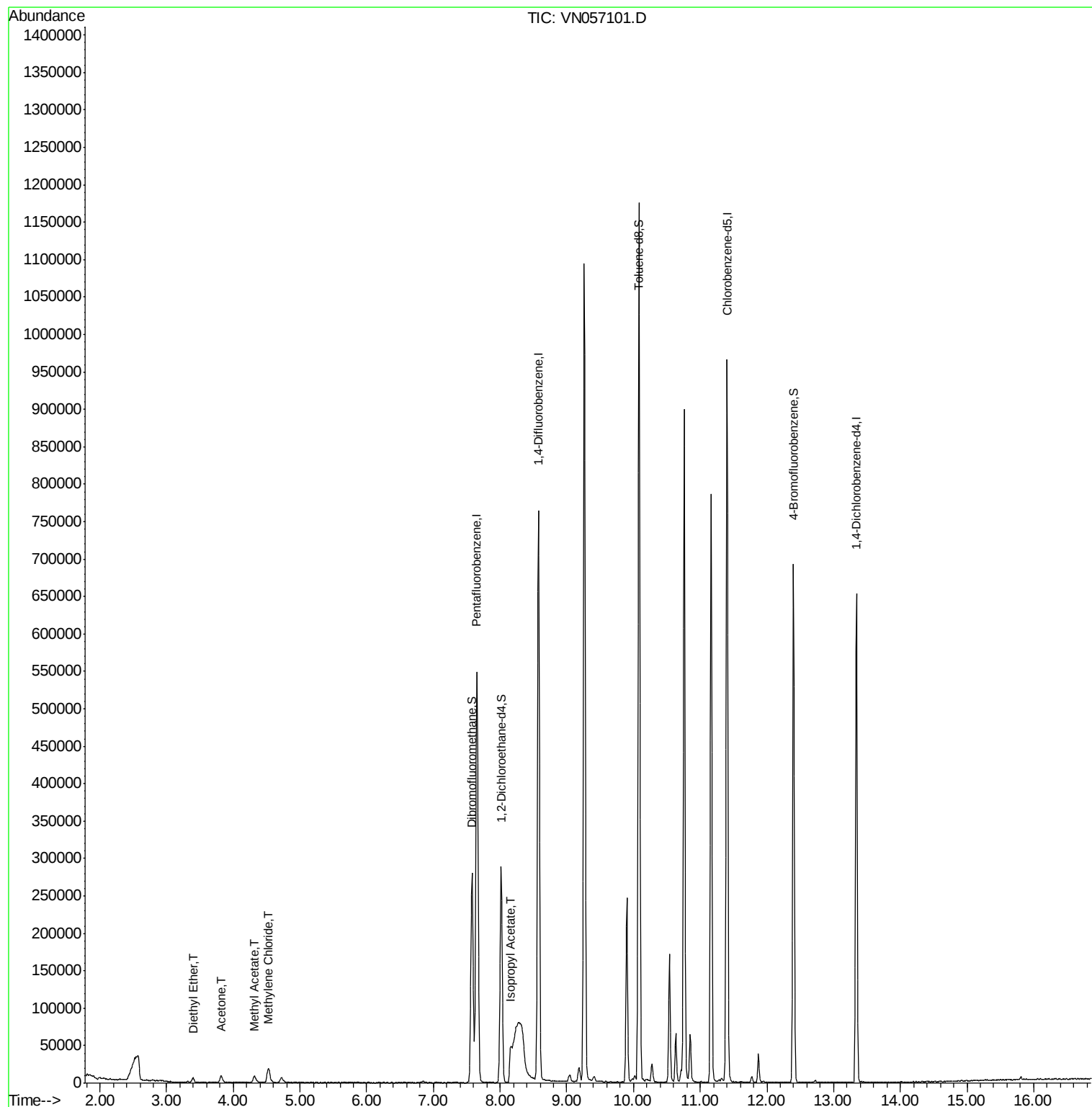
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080619\
Data File : VN057101.D
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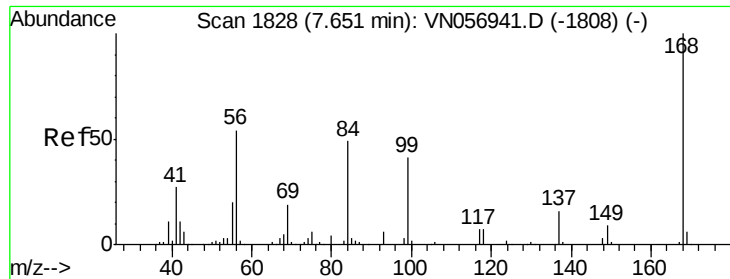
Instrument :
MSVOA_N
ClientSampleId :
2S-H1-(30)

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Quant Time: Aug 07 04:16:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 01:33:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057101.D

Acq: 6 Aug 2019 14:21

Instrument :

MSVOA_N

ClientSampled :

2S-H1-(30)

Tot Ion:168 Resp: 494265

Ion Ratio Lower Upper

168 100

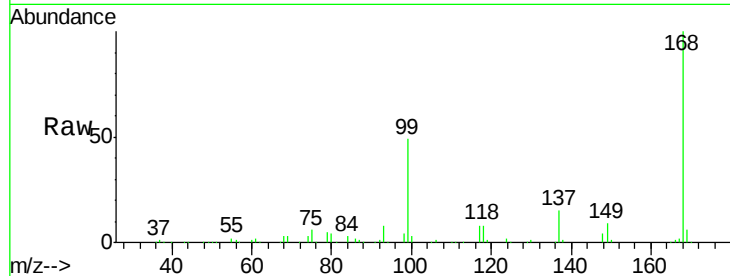
99 49.3 39.0 58.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

200000

150000

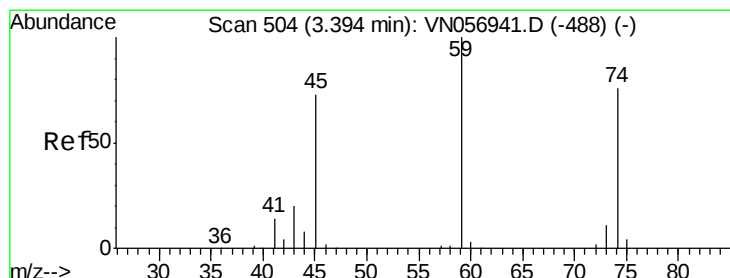
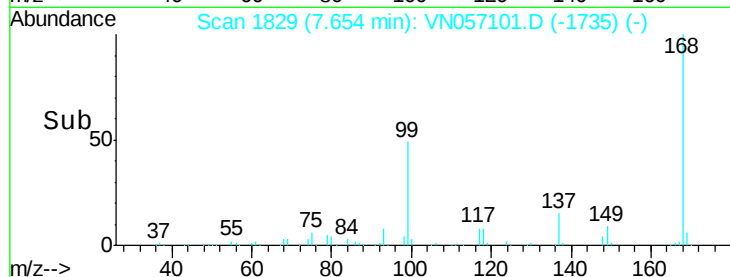
100000

50000

0

7.60 7.70

Time-->



#8

Diethyl Ether

Concen: 1.264 ug/l m

RT: 3.40 min Scan# 507

Delta R.T. 0.01 min

Lab File: VN057101.D

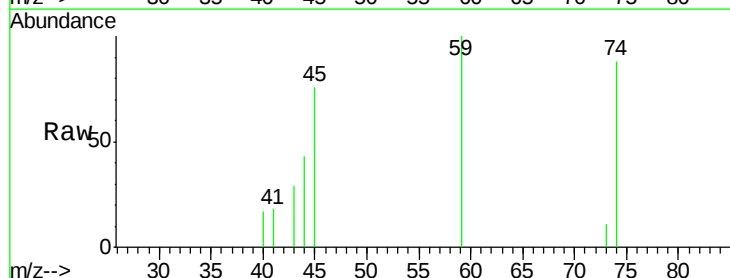
Acq: 6 Aug 2019 14:21

Tgt Ion: 74 Resp: 3474

Ion Ratio Lower Upper

74 100

45 107.1 48.1 144.3



Abundance Ion 74.00 (73.70 to 74.70): VN

Ion 45.00 (44.70 to 45.70): VN

3.40

1500

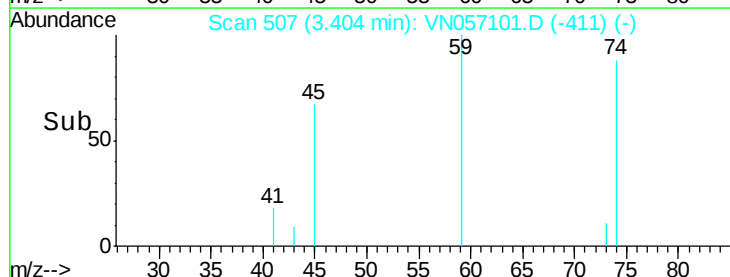
1000

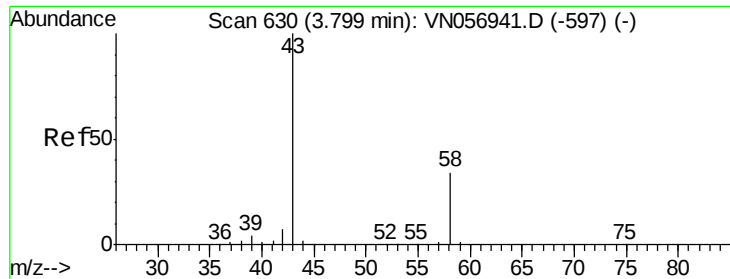
500

0

3.35 3.40 3.45

Time-->





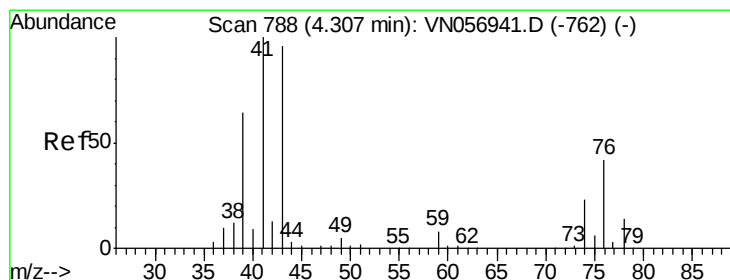
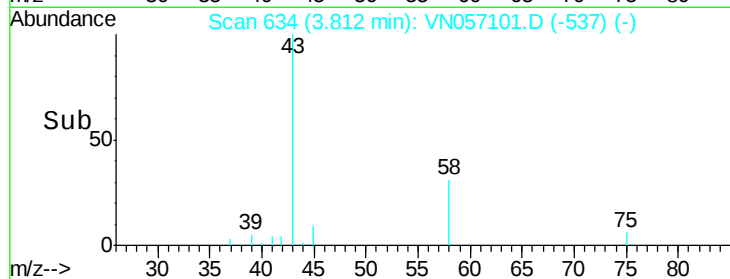
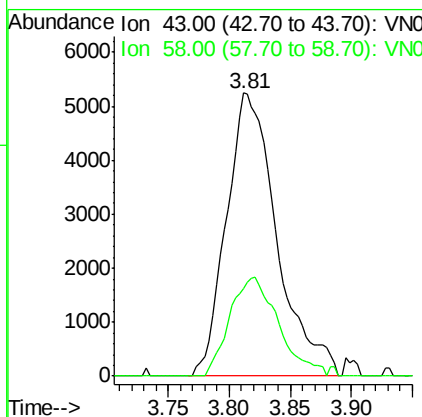
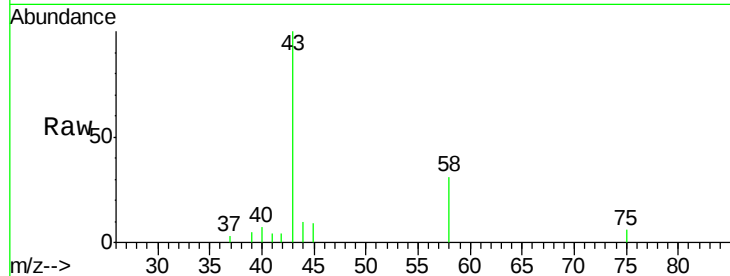
#16
Acetone
Concen: 8.218 ug/l
RT: 3.81 min Scan# 634
Delta R.T. 0.01 min
Lab File: VN057101.D
Acq: 6 Aug 2019 14:21

Instrument :
MSVOA_N
ClientSampleId :
2S-H1-(30)

Tot Ion: 43 Resp: 15064
Ion Ratio Lower Upper
43 100
58 31.1 27.2 40.8

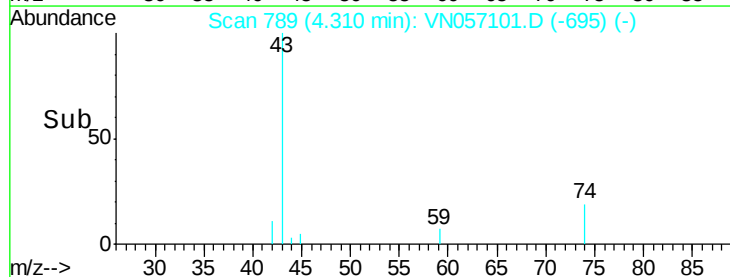
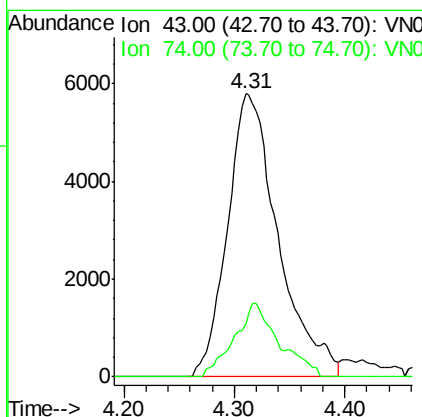
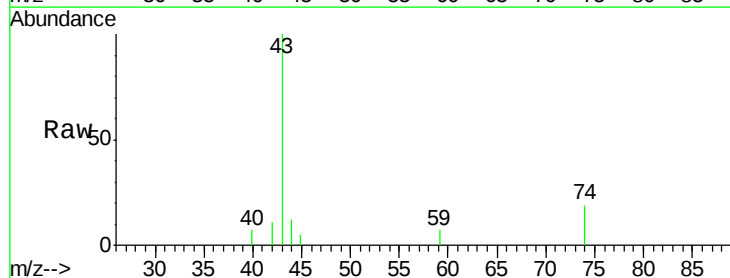
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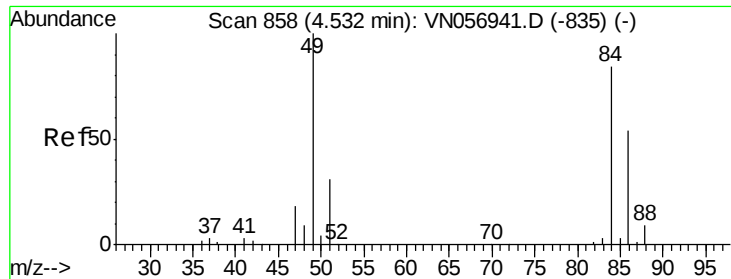
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#18
Methyl Acetate
Concen: 3.160 ug/l
RT: 4.31 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN057101.D
Acq: 6 Aug 2019 14:21

Tgt Ion: 43 Resp: 18480
Ion Ratio Lower Upper
43 100
74 22.9 19.7 29.5





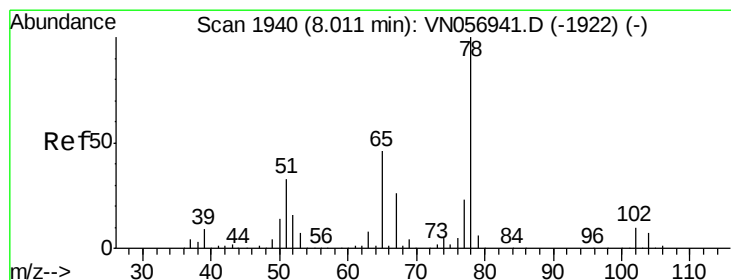
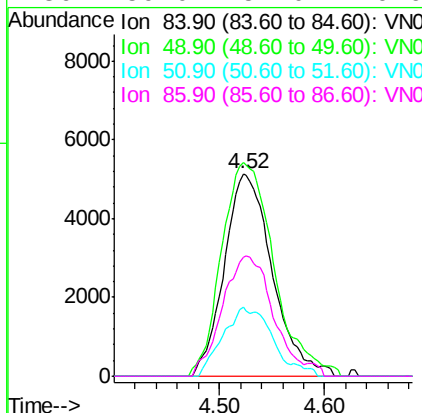
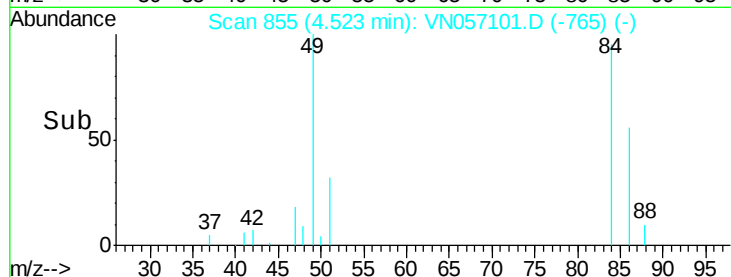
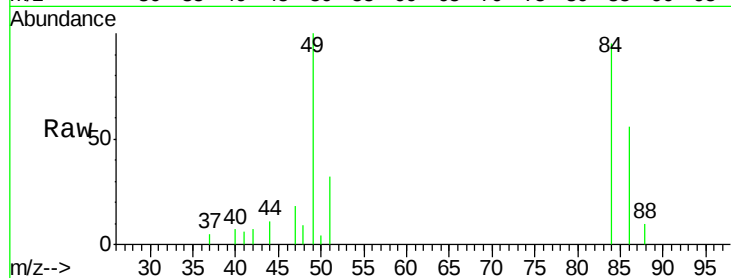
#20
Methvlene Chloride
Concen: 3.083 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.01 min
Lab File: VN057101.D
Acq: 6 Aug 2019 14:21

Instrument :
MSVOA_N
ClientSampleId :
2S-H1-(30)

Tot Ion	84	Resp	16278
Ion	Ratio	Lower	Upper
84	100		
49	105.6	95.2	142.8
51	34.2	29.7	44.5
86	59.0	51.0	76.6

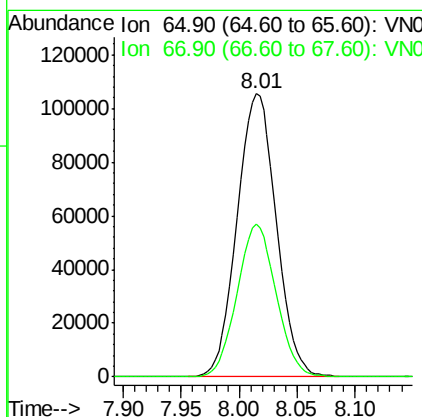
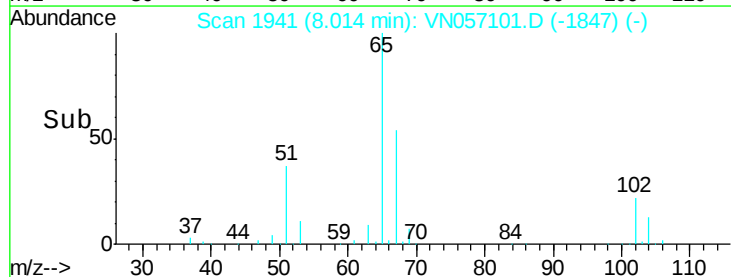
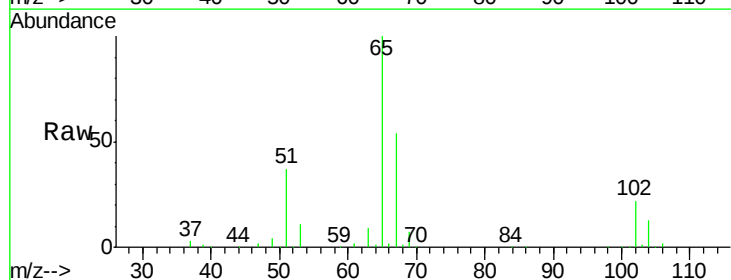
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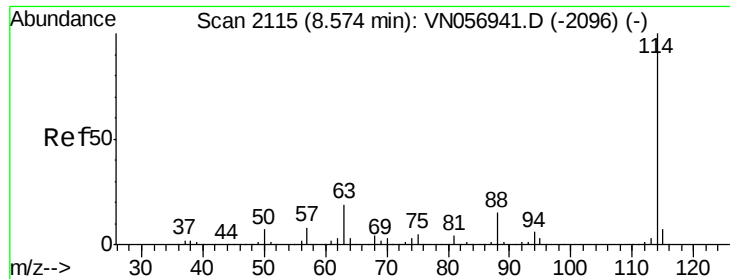
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#33
1,2-Dichloroethane-d4
Concen: 49.005 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN057101.D
Acq: 6 Aug 2019 14:21

Tgt Ion	65	Resp	247939
Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	112.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VN057101.D

Acq: 6 Aug 2019 14:21

Instrument :

MSVOA_N

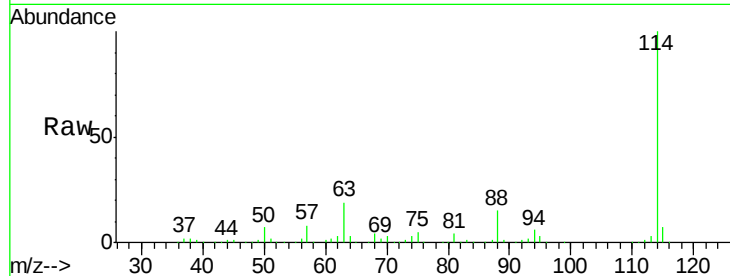
ClientSampleId :

2S-H1-(30)

Tot Ion	Ratio	Resp	Lower	Upper
114	100	712065		
63	19.3	0.0	38.0	
88	15.2	0.0	30.0	

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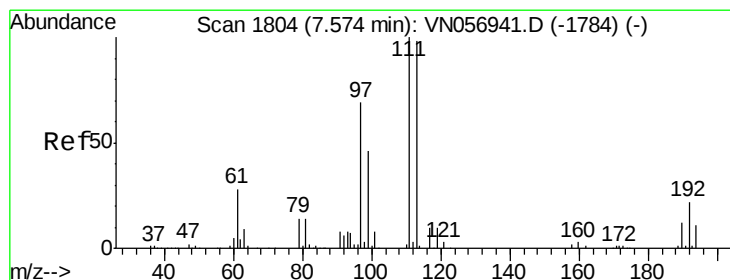
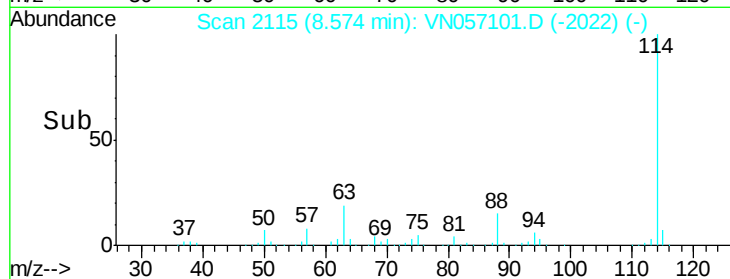
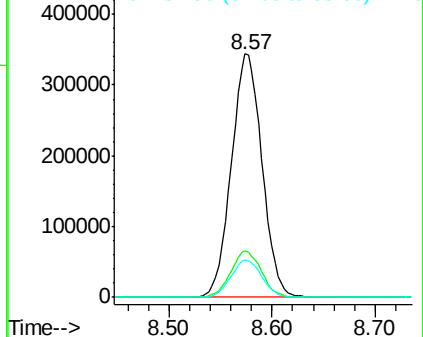
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Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 47.393 ug/l

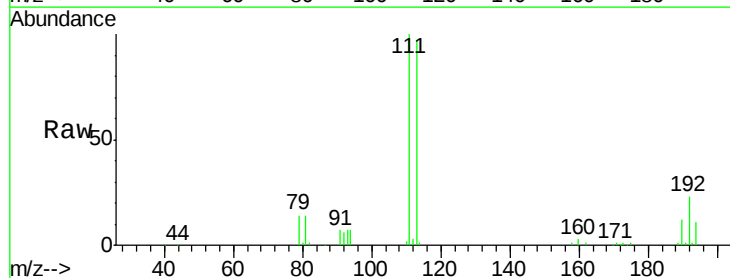
RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN057101.D

Acq: 6 Aug 2019 14:21

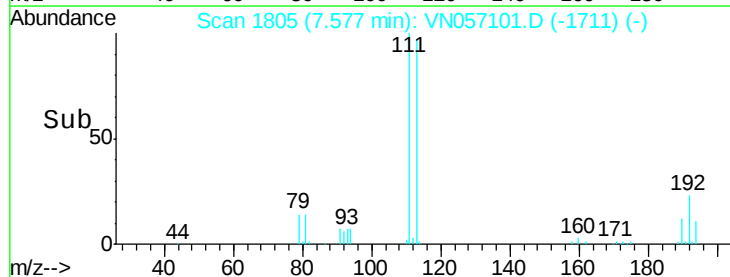
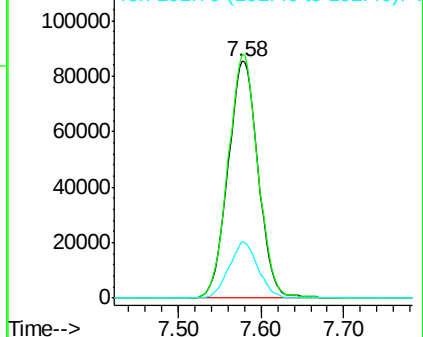
Tgt Ion	Ratio	Resp	Lower	Upper
113	100	216037		
111	101.8	82.0	123.0	
192	22.9	18.4	27.6	

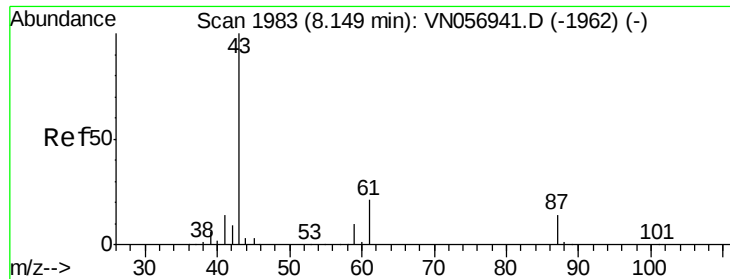


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





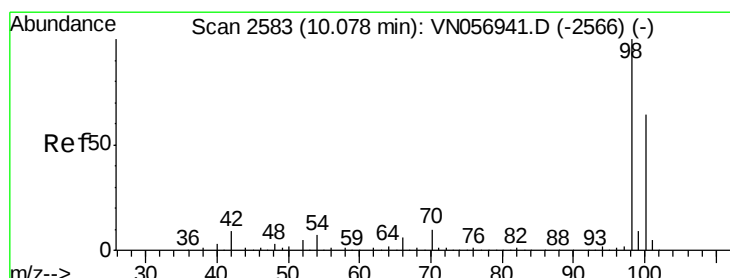
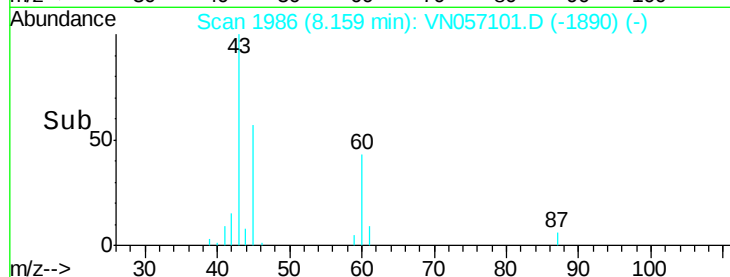
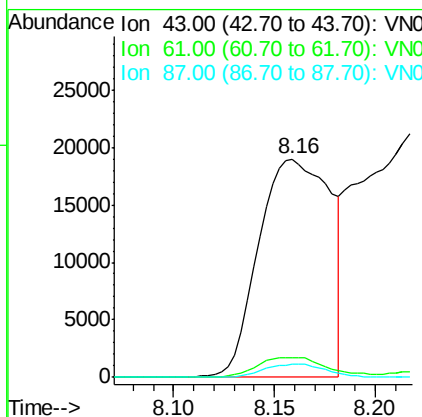
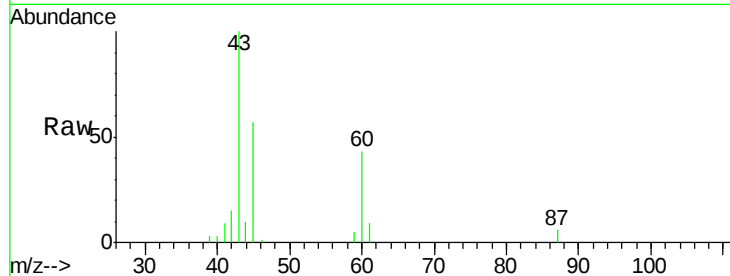
#43
Isopropyl Acetate
Concen: 5.675 ug/l
RT: 8.16 min Scan# 1986
Delta R.T. 0.01 min
Lab File: VN057101.D
Acq: 6 Aug 2019 14:21

Instrument :
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2S-H1-(30)

Tot Ion	Ratio	Lower	Upper
43	100		
61	9.0	23.0	34.6#
87	5.1	11.7	17.5#

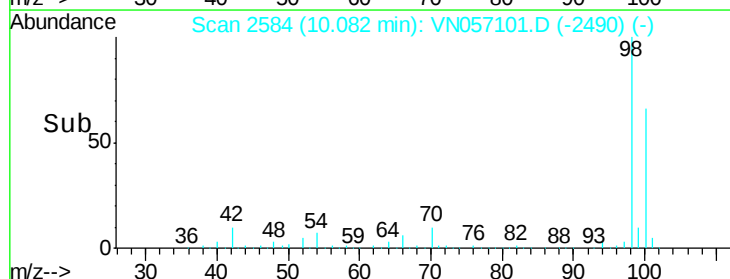
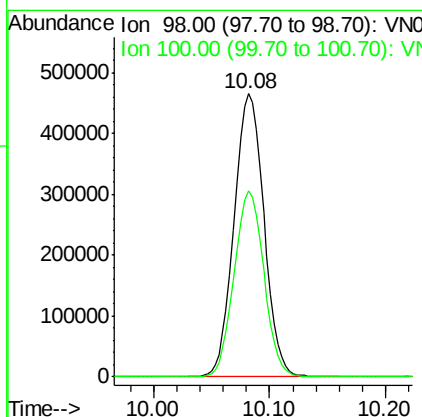
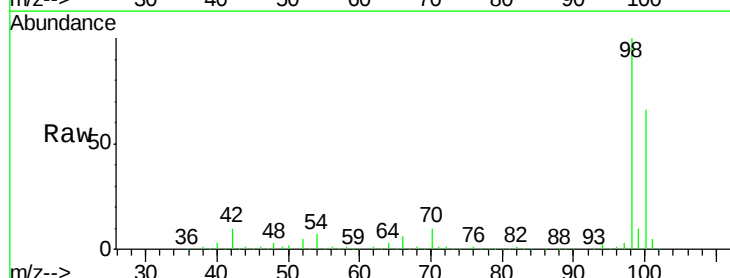
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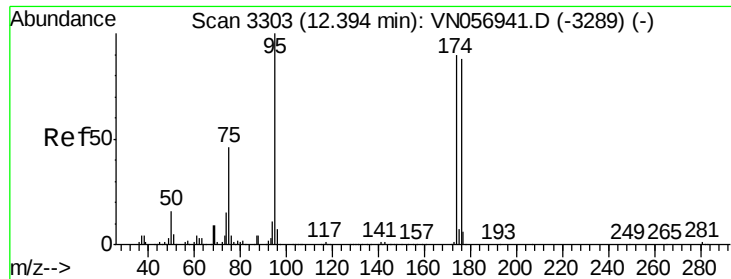
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#50
Toluene-d8
Concen: 47.803 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN057101.D
Acq: 6 Aug 2019 14:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	51.3	76.9





#62

4-Bromofluorobenzene

Concen: 42.250 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN057101.D

Acq: 6 Aug 2019 14:21

Instrument :

MSVOA_N

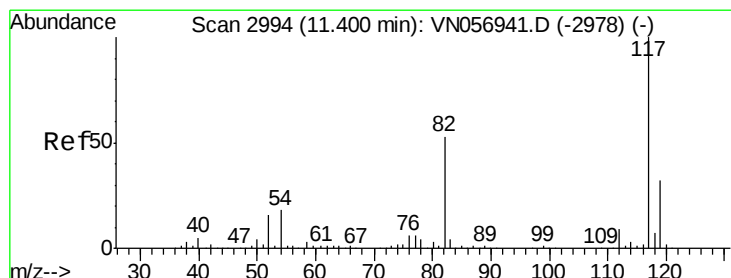
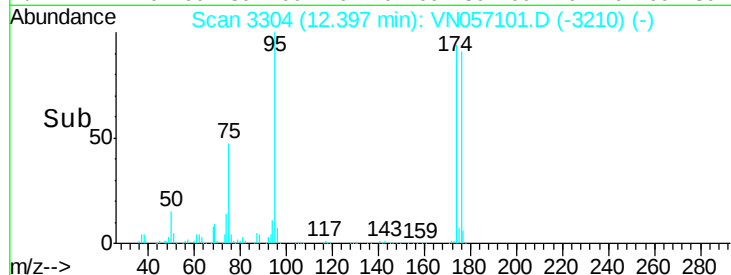
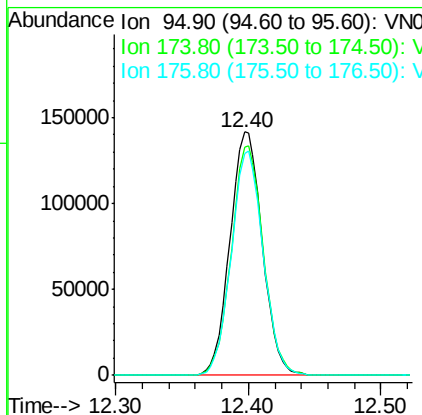
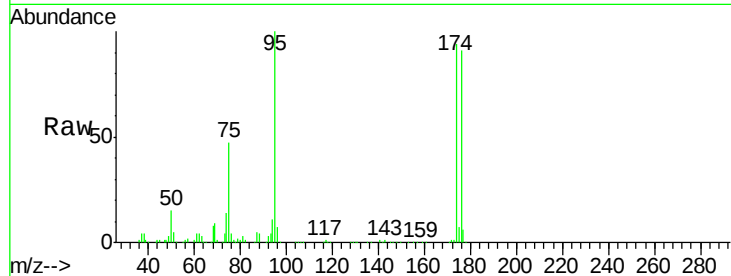
ClientSampleId :

2S-H1-(30)

Tot Ion:	95	Resp:	239095
Ion Ratio	Lower	Upper	
95	100		
174	93.5	0.0	182.2
176	91.2	0.0	179.4

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

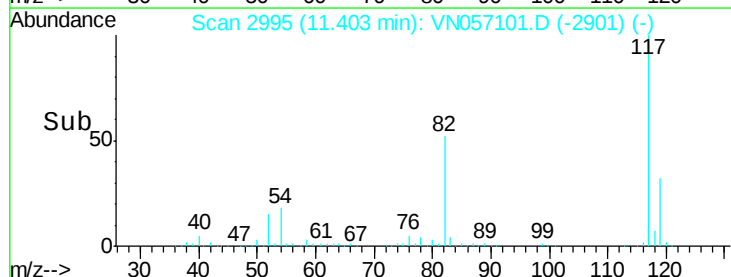
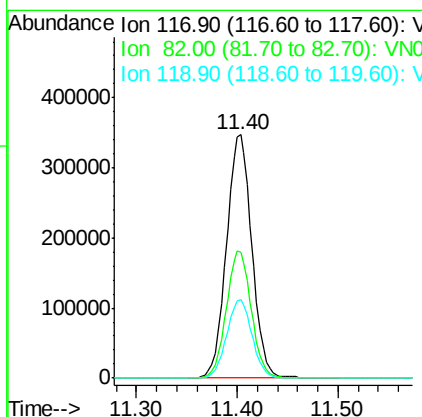
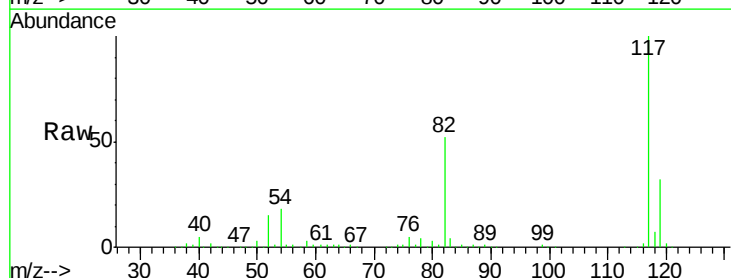
RT: 11.40 min Scan# 2995

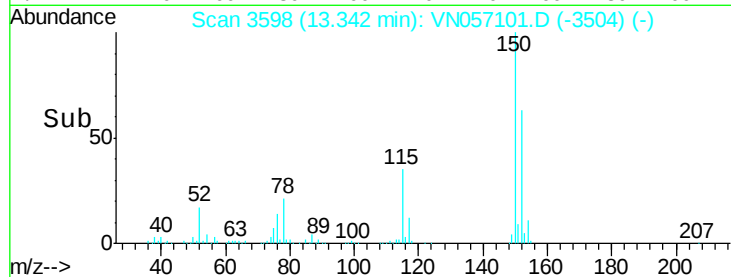
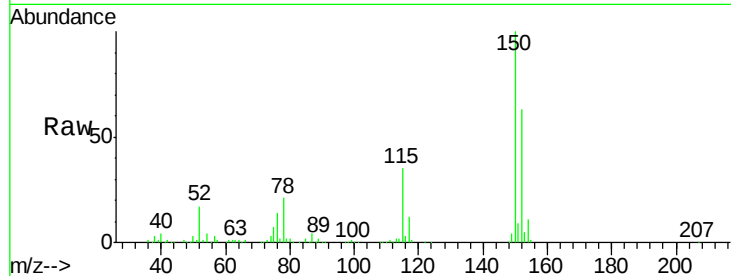
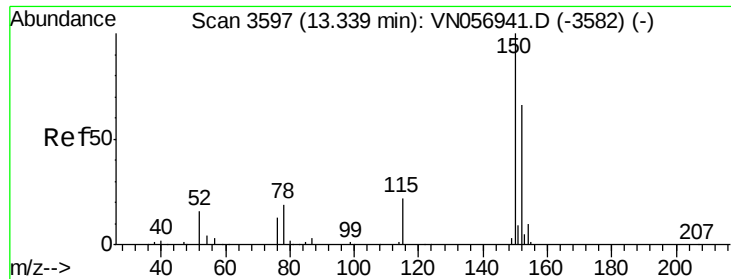
Delta R.T. 0.00 min

Lab File: VN057101.D

Acq: 6 Aug 2019 14:21

Tgt Ion:	117	Resp:	607136
Ion Ratio	Lower	Upper	
117	100		
82	51.9	42.2	63.4
119	32.1	25.8	38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN057101.D

Acq: 6 Aug 2019 14:21

Tot Ion:	152	Resp:	192465
Ion Ratio	Lower	Upper	
152	100		
115	55.0	28.2	84.6
150	157.5	0.0	349.4

Instrument :

MSVOA_N

ClientSampleId :

2S-H1-(30)

Manual Integrations
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8/9/2019 12:51:35 AM

