

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081219\
 Data File : VN057205.D
 Acq On : 12 Aug 2019 10:34
 Operator : JC/SP
 Sample : K4271-01 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-WW

Manual Integrations
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MMDadoda
 8/14/2019 9:23:28 AM

Quant Time: Aug 13 01:59:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N081019W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sun Aug 11 03:53:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	6.58	128	159486	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.01	114	865091	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.91	117	714832	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.44	65	316079	30.40	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.33%
60) 4-Bromofluorobenzene	11.92	95	253837	23.85	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	79.50%
63) Toluene-d8	9.56	98	1027337	31.13	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	103.77%

Target Compounds

					Ovalue
12) Methyl Acetate	3.89	43	296010	31.083 ug/l	97
15) Acetone	3.47	58	404916	307.072 ug/l	98
20) Diisopropyl ether	5.30	45	10236m	0.372 ug/l	
25) Chloroform	6.75	83	52873	3.004 ug/l	98
30) 2-Butanone	6.21	43	14634	2.857 ug/l #	66
41) Bromodichloromethane	8.84	83	7187	0.548 ug/l	98
46) Methyl methacrylate	8.61	41	12754	1.631 ug/l #	30
59) 2-Hexanone	10.24	43	40456	6.128 ug/l	97

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

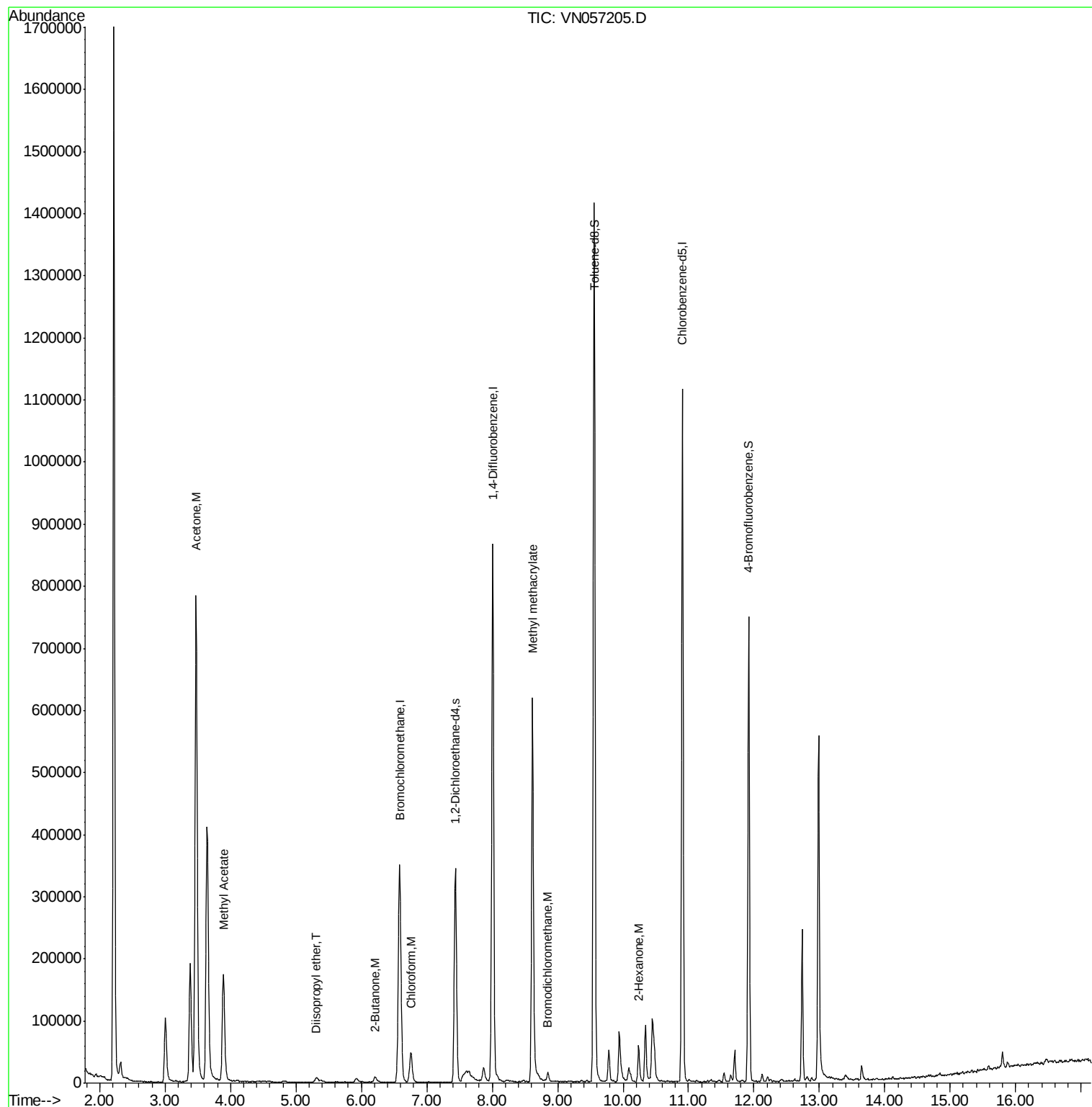
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081219\
Data File : VN057205.D
Acq On : 12 Aug 2019 10:34
Operator : JC/SP
Sample : K4271-01 5X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 4 Sample Multiplier: 1

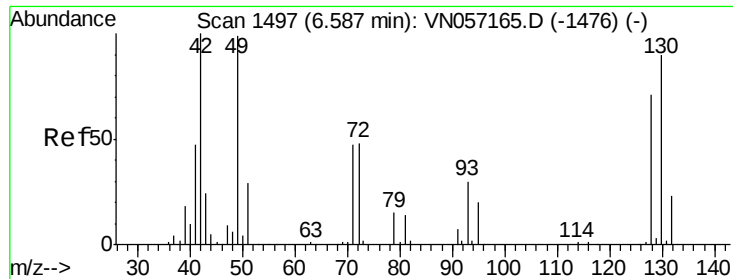
Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

Manual Integrations
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Quant Time: Aug 13 01:59:18 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA N\METHODS\624N081019W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sun Aug 11 03:53:25 2019
Response via : Initial Calibration





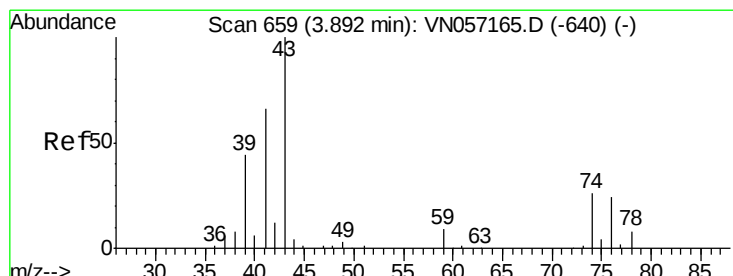
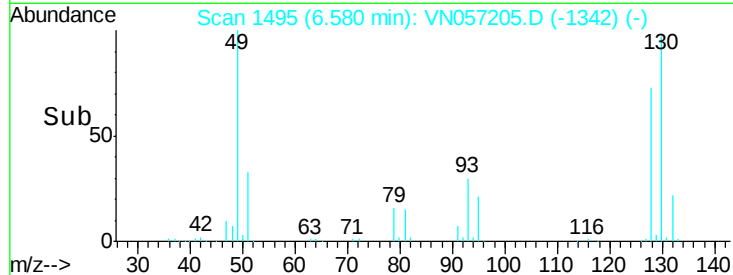
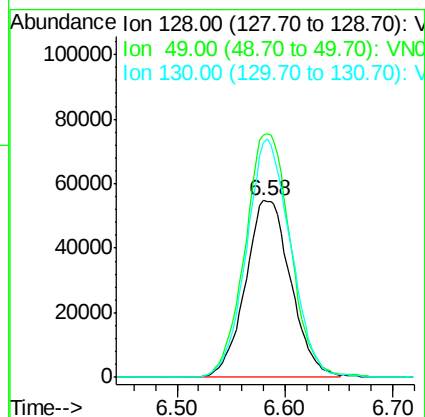
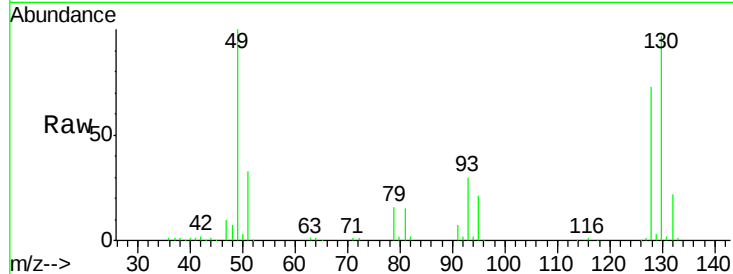
#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 6.58 min Scan# 1495
 Delta R.T. -0.01 min
 Lab File: VN057205.D
 Acq: 12 Aug 2019 10:34

Instrument :
 MSVOA_N
 ClientSampled :
 EFF-WW

Tot Ion	Ratio	Resp	Lower	Upper
128	100	159486		
49	138.3	0.0	361.0	
130	131.8	0.0	329.5	

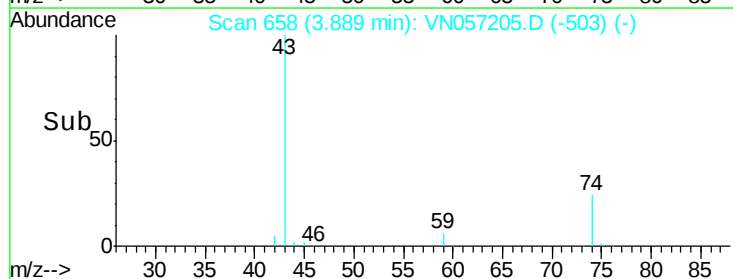
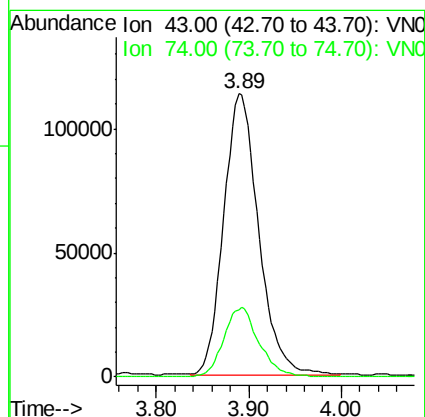
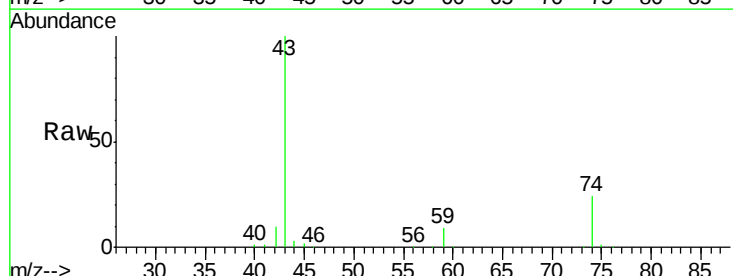
Manual Integrations
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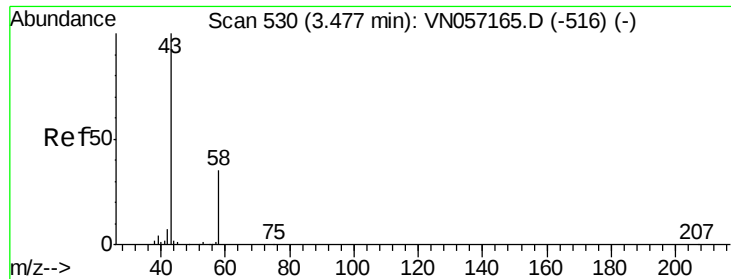
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#12
 Methyl Acetate
 Concen: 31.083 ug/l
 RT: 3.89 min Scan# 658
 Delta R.T. -0.00 min
 Lab File: VN057205.D
 Acq: 12 Aug 2019 10:34

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	296010		
74	24.1	20.5	30.7	





#15

Acetone

Concen: 307.072 ug/l

RT: 3.47 min Scan# 529

Delta R.T. -0.00 min

Lab File: VN057205.D

Acq: 12 Aug 2019 10:34

Instrument :

MSVOA_N

ClientSampleId :

EFF-WW

Tot Ion: 58 Resp: 404916

Ion Ratio Lower Upper

58 100

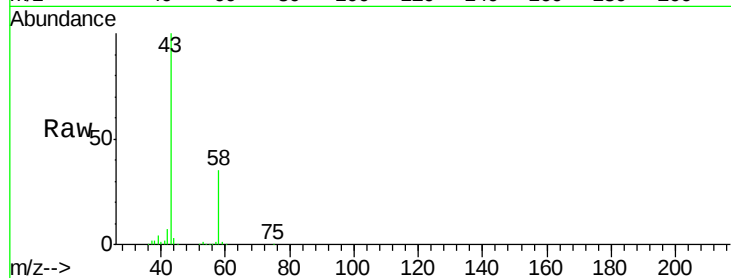
43 286.7 226.2 339.2

Manual Integrations

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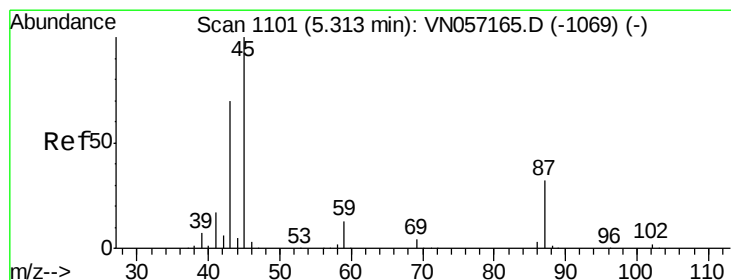
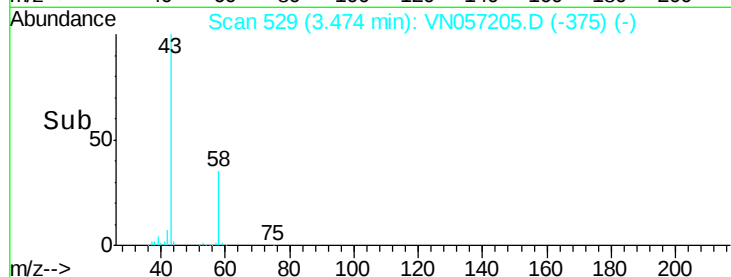
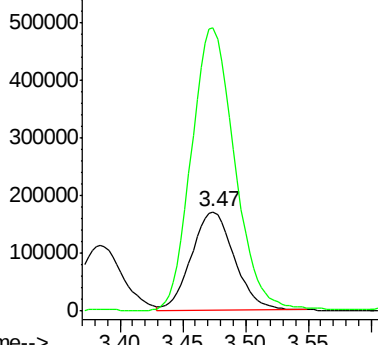
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Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



#20

Diisopropyl ether

Concen: 0.372 ug/l m

RT: 5.30 min Scan# 1098

Delta R.T. -0.01 min

Lab File: VN057205.D

Acq: 12 Aug 2019 10:34

Tgt Ion: 45 Resp: 10236

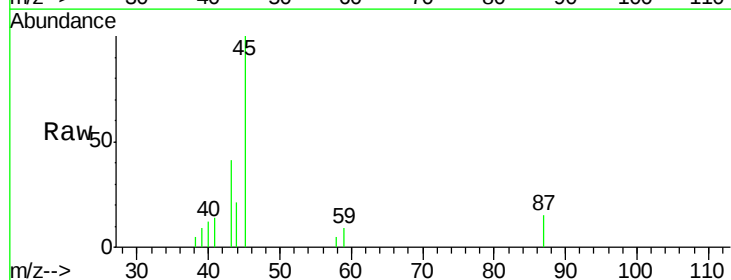
Ion Ratio Lower Upper

45 100

43 41.1 60.0 90.0#

87 15.4 25.9 38.9#

59 8.7 10.5 15.7#

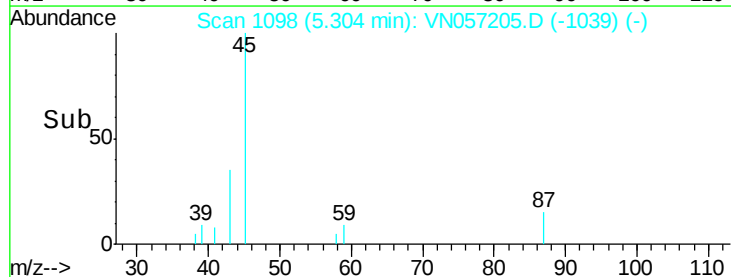
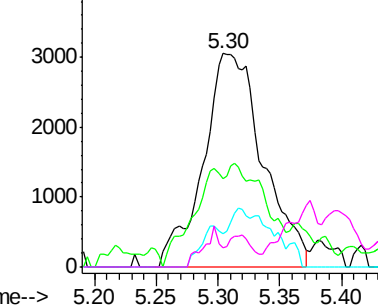


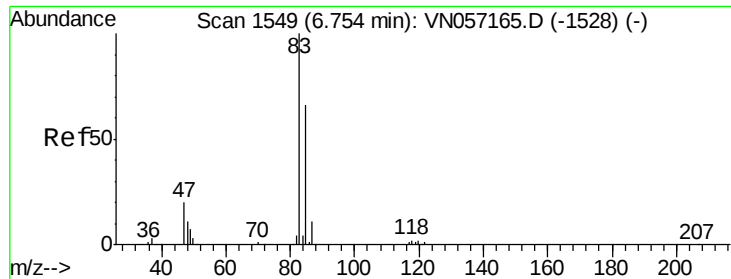
Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





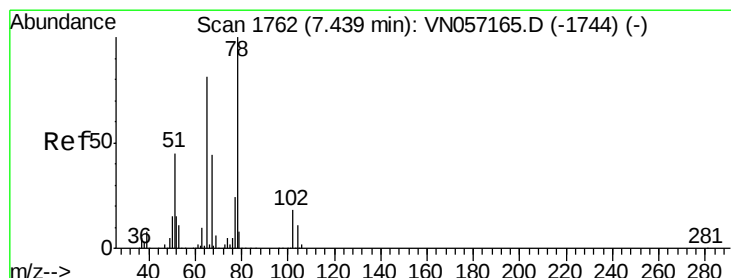
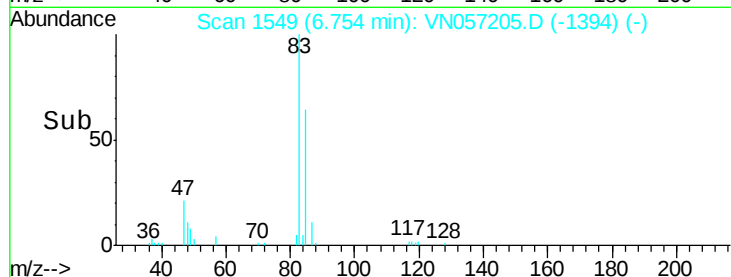
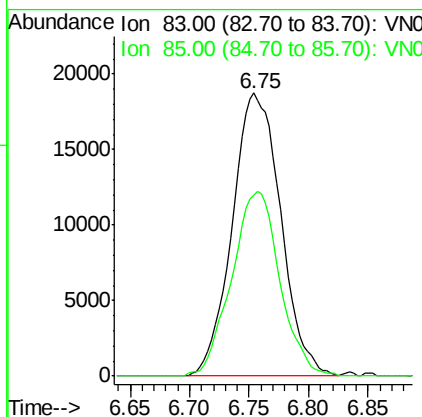
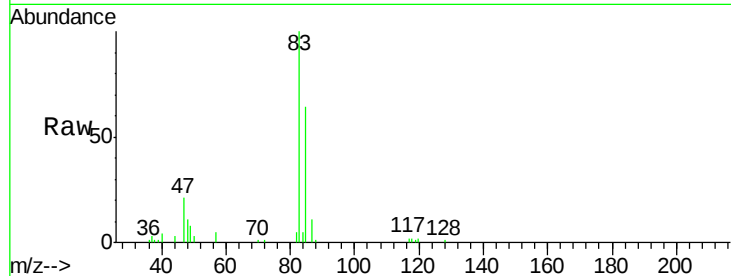
#25
Chloroform
Concen: 3.004 ug/l
RT: 6.75 min Scan# 1549
Delta R.T. -0.00 min
Lab File: VN057205.D
Acq: 12 Aug 2019 10:34

Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

Tot Ion	83	Resp	52873
Ion Ratio	100	Lower	Upper
85	64.1	52.5	78.7

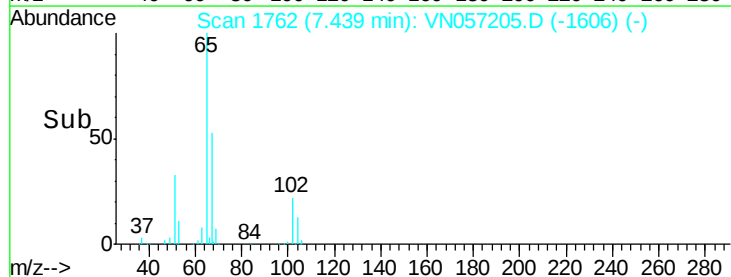
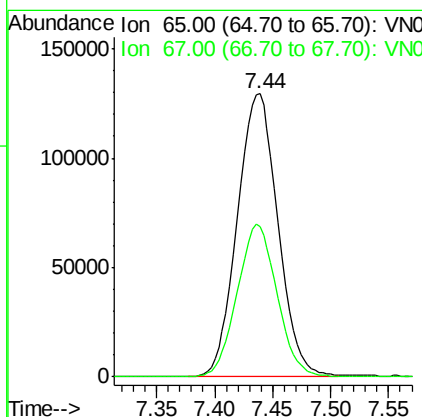
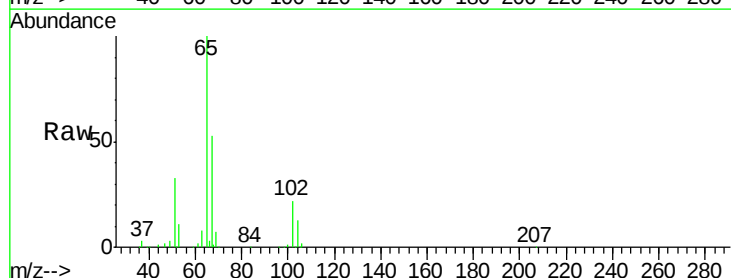
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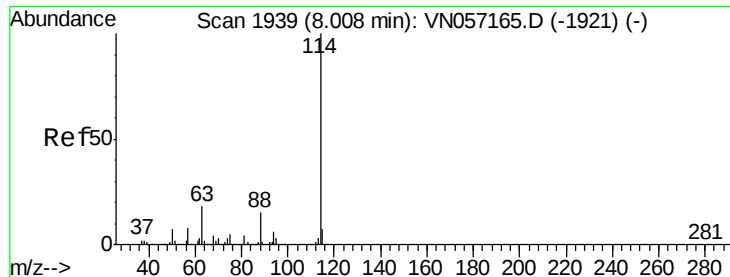
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#27
1,2-Dichloroethane-d4
Concen: 30.404 ug/l
RT: 7.44 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VN057205.D
Acq: 12 Aug 2019 10:34

Tgt Ion	65	Resp	316079
Ion Ratio	100	Lower	Upper
67	52.8	42.4	63.6





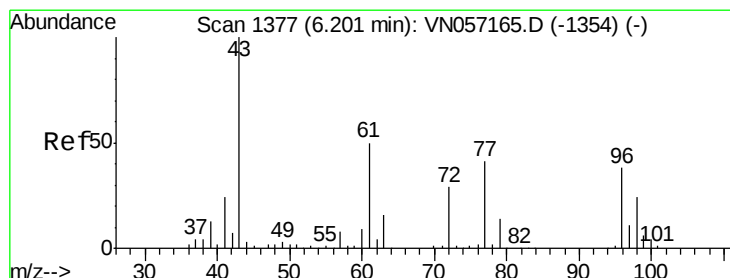
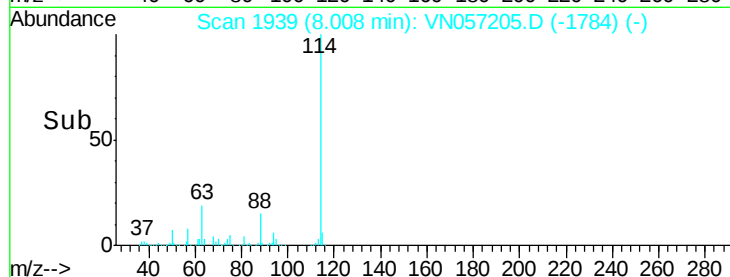
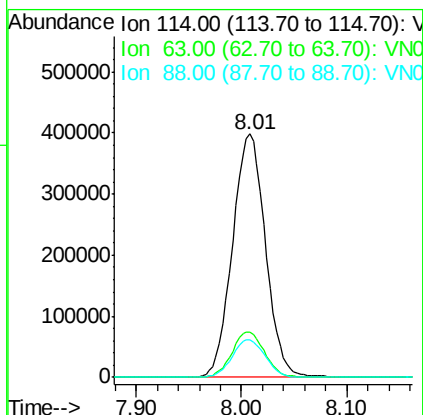
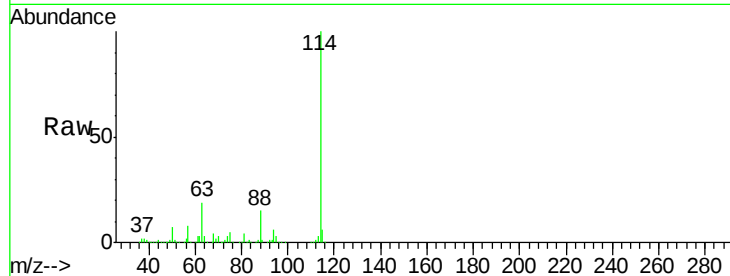
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: VN057205.D
 Acq: 12 Aug 2019 10:34

Instrument :
 MSVOA_N
 ClientSampled :
 EFF-WW

Tot Ion	Ratio	Resp	Lower	Upper
114	100	865091		
63	18.5		14.6	21.8
88	15.6		12.2	18.2

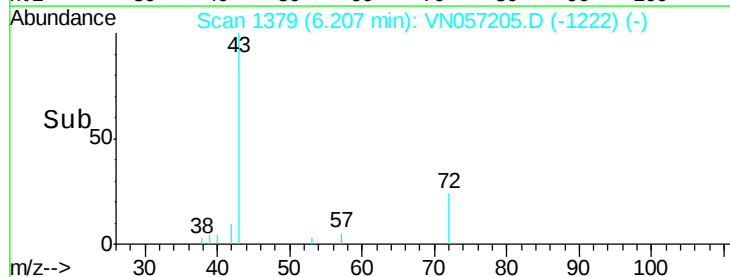
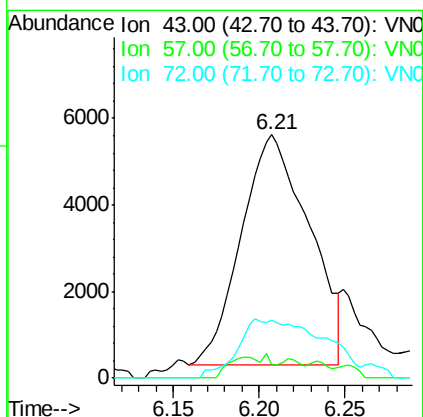
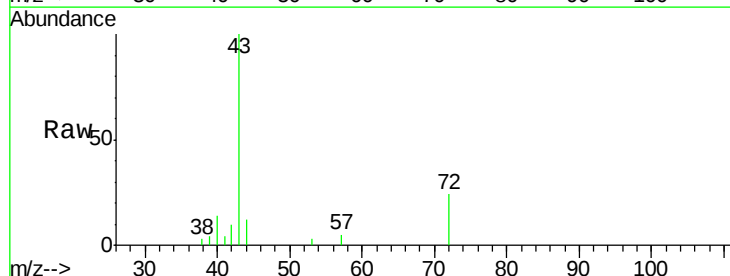
Manual Integrations
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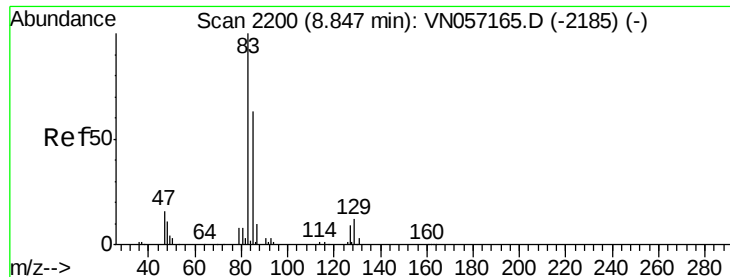
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#30
 2-Butanone
 Concen: 2.857 ug/l
 RT: 6.21 min Scan# 1379
 Delta R.T. 0.01 min
 Lab File: VN057205.D
 Acq: 12 Aug 2019 10:34

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	14634		
57	1.6		6.8	10.2#
72	8.2		23.0	34.6#





#41

Bromodichloromethane

Concen: 0.548 ug/l

RT: 8.84 min Scan# 2199

Delta R.T. -0.00 min

Lab File: VN057205.D

Acq: 12 Aug 2019 10:34

Instrument :

MSVOA_N

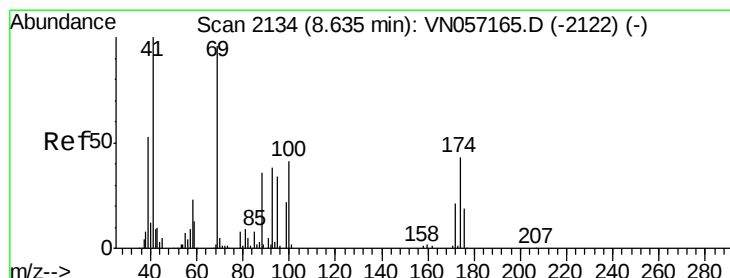
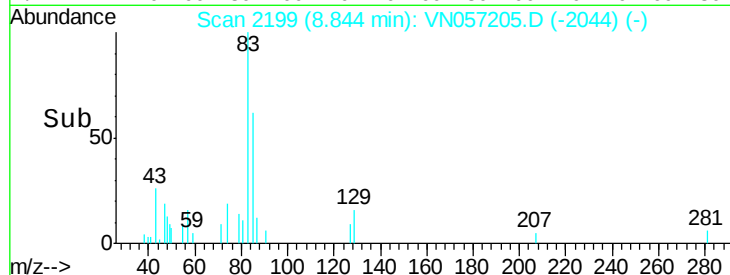
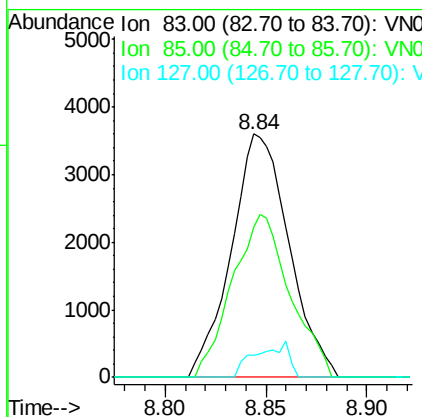
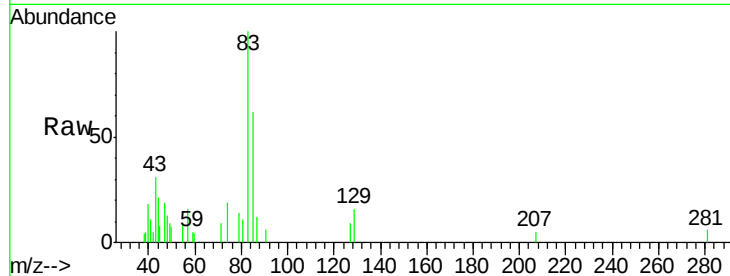
ClientSampleId :

EFF-WW

Tot Ion:	83	Resp:	7187
Ion	Ratio	Lower	Upper
83	100		
85	61.8	50.6	76.0
127	9.3	7.0	10.6

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#46

Methyl methacrylate

Concen: 1.631 ug/l

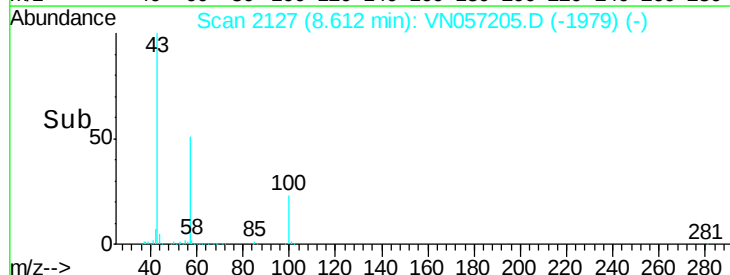
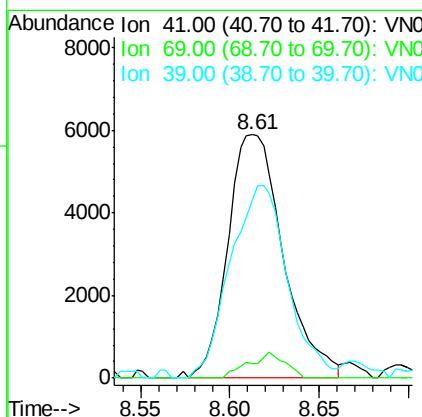
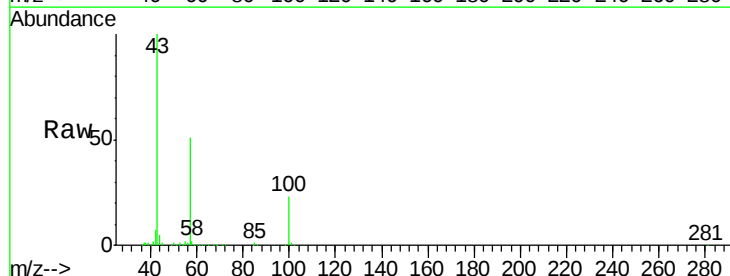
RT: 8.61 min Scan# 2127

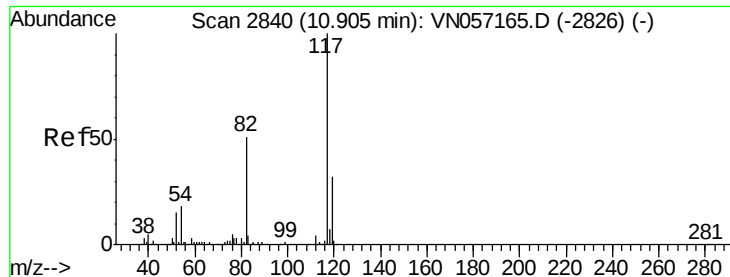
Delta R.T. -0.02 min

Lab File: VN057205.D

Acq: 12 Aug 2019 10:34

Tgt Ion:	41	Resp:	12754
Ion	Ratio	Lower	Upper
41	100		
69	5.9	48.1	144.4#
39	73.2	26.5	79.5





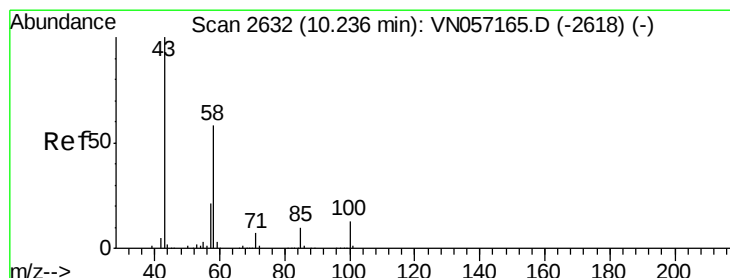
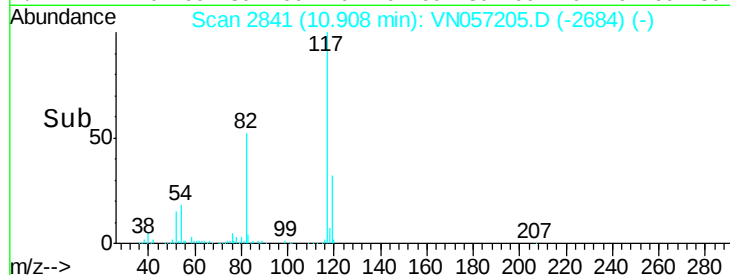
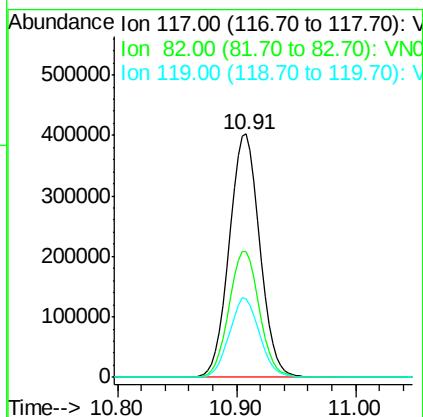
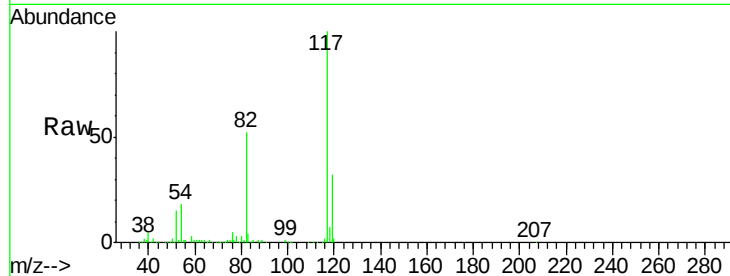
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.91 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN057205.D
Acq: 12 Aug 2019 10:34

Instrument :
MSVOA_N
ClientSampled :
EFF-WW

Tot Ion	Ratio	Resp	Lower	Upper
117	100	714832		
82	51.8		41.5	62.3
119	32.3		26.1	39.1

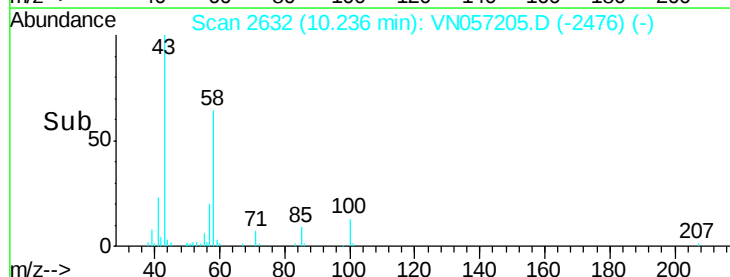
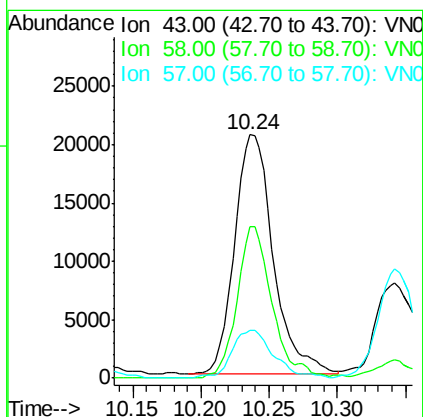
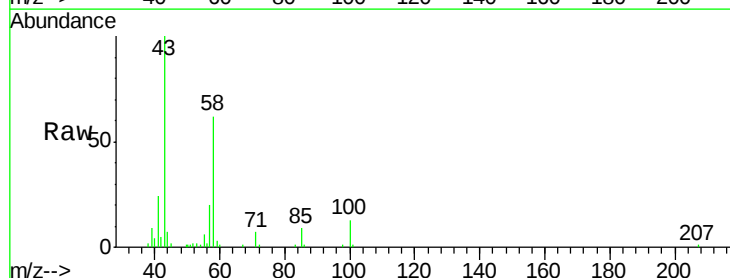
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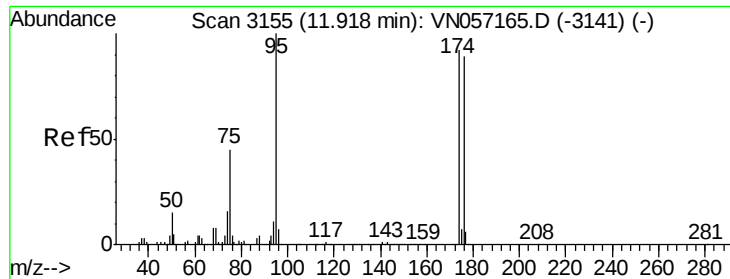
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#59
2-Hexanone
Concen: 6.128 ug/l
RT: 10.24 min Scan# 2632
Delta R.T. -0.00 min
Lab File: VN057205.D
Acq: 12 Aug 2019 10:34

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	40456		
58	54.5		45.4	68.2
57	19.0		16.1	24.1





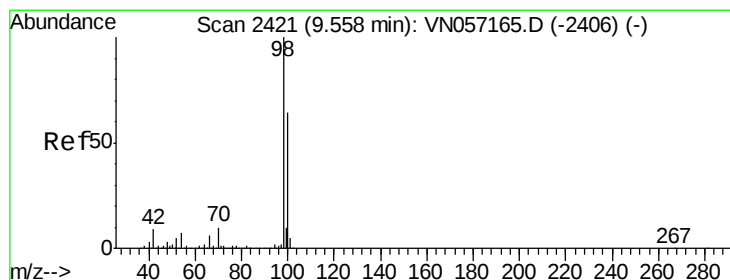
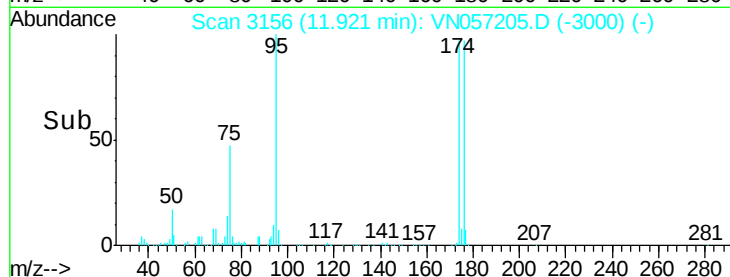
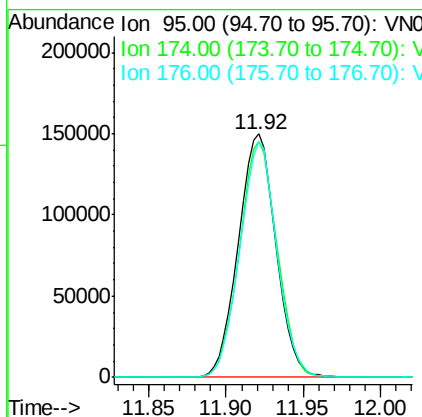
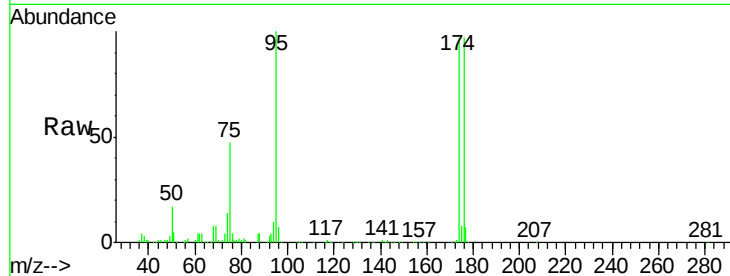
#60
4-Bromofluorobenzene
Concen: 23.848 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN057205.D
Acq: 12 Aug 2019 10:34

Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

Tot Ion	Ratio	Lower	Upper
95	100		
174	96.9	74.9	112.3
176	94.9	72.1	108.1

Manual Integrations
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#63
Toluene-d8
Concen: 31.133 ug/l
RT: 9.56 min Scan# 2421
Delta R.T. -0.00 min
Lab File: VN057205.D
Acq: 12 Aug 2019 10:34

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.4	78.6

