

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112618\
 Data File : VN052462.D
 Acq On : 26 Nov 2018 16:44
 Operator : MD\SY
 Sample : J6053-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 SPDES-1

Manual Integrations
 APPROVED

MMDadoda
 11/27/2018 3:52:13 PM

Quant Time: Nov 27 01:06:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N112618W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 27 00:48:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	166257	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	950312	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	783968	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	342917	30.27	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.90%
60) 4-Bromofluorobenzene	12.40	95	309637	25.83	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	86.10%
63) Toluene-d8	10.09	98	1120659	30.83	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.77%

Target Compounds

					Qvalue
15) Acetone	3.83	58	2876m	3.29	ug/l
16) Carbon Disulfide	4.07	76	8684	0.29	ug/l
18) Methylene Chloride	4.56	84	4560	0.42	ug/l #
25) Chloroform	7.37	83	9946	0.53	ug/l

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

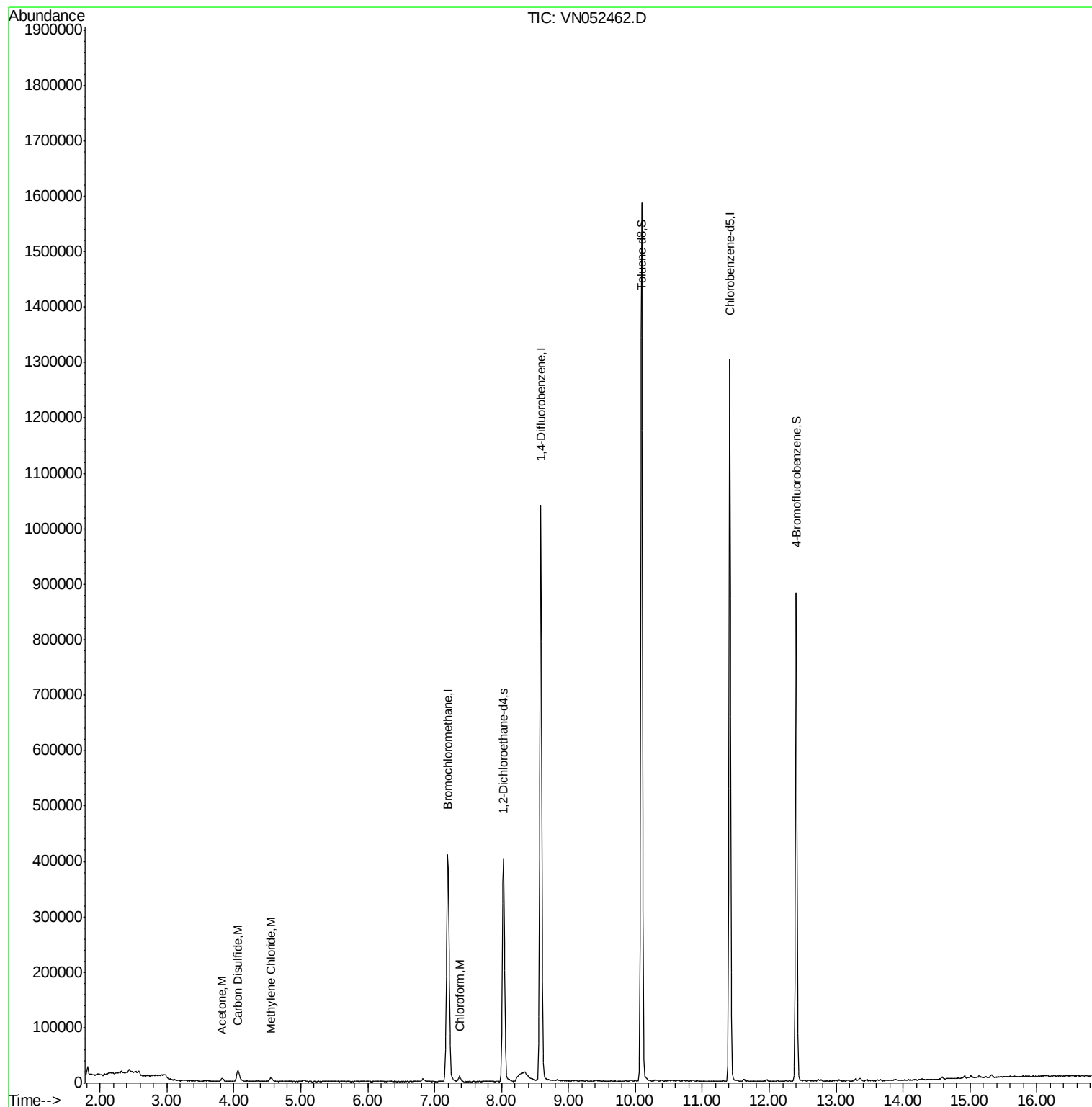
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN112618\
Data File : VN052462.D
Acq On : 26 Nov 2018 16:44
Operator : MD\SY
Sample : J6053-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 28

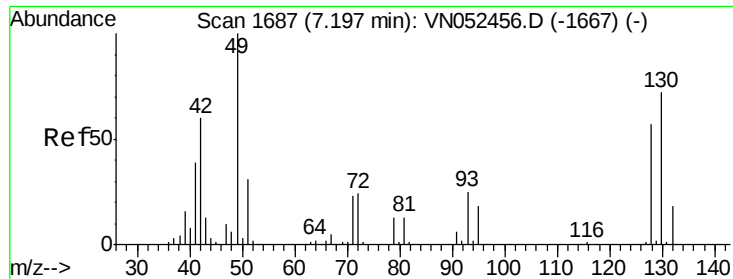
Instrument :
MSVOA_N
ClientSampleId :
SPDES-1

Manual Integrations
APPROVED

MMDadoda
11/27/2018 3:52:13 PM

Quant Time: Nov 27 01:06:43 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\624N112618W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Nov 27 00:48:33 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN052462.D

Acq: 26 Nov 2018 16:44

Instrument :

MSVOA_N

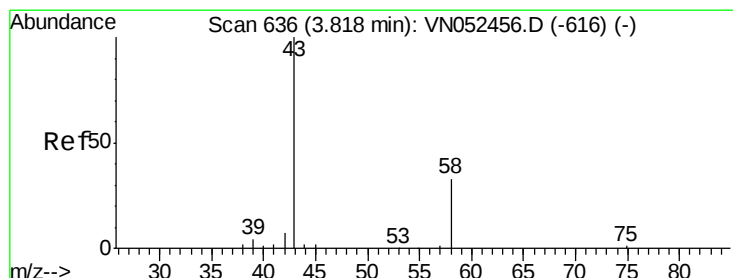
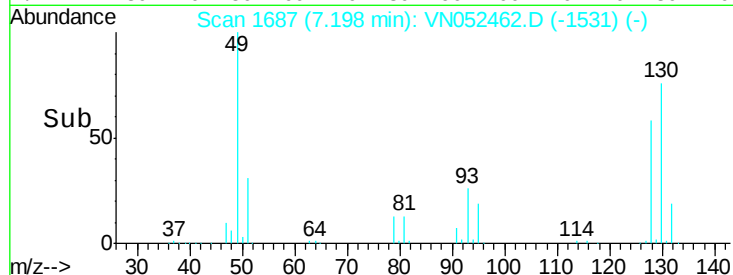
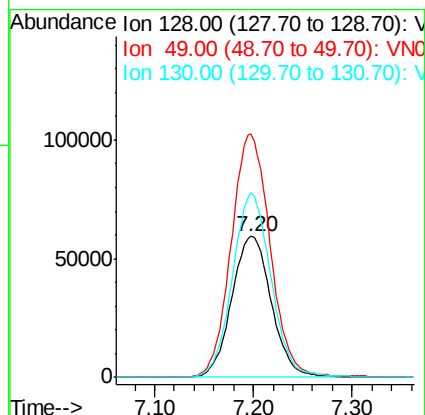
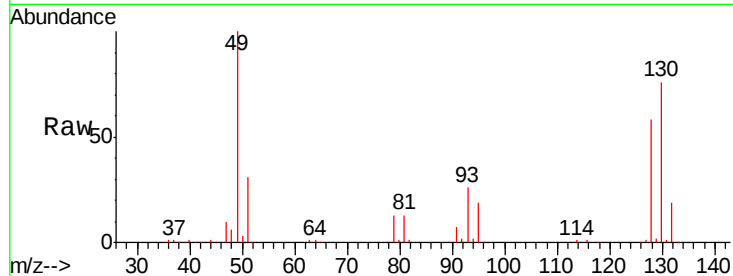
ClientSampleId :

SPDES-1

Tgt Ion:	128	Resp:	166257
Ion Ratio	Lower	Upper	
128	100		
49	170.0	0.0	431.8
130	127.0	0.0	317.0

Manual Integrations
APPROVED

MMDadoda
11/27/2018 3:52:13 PM



#15

Acetone

Concen: 3.29 ug/l m

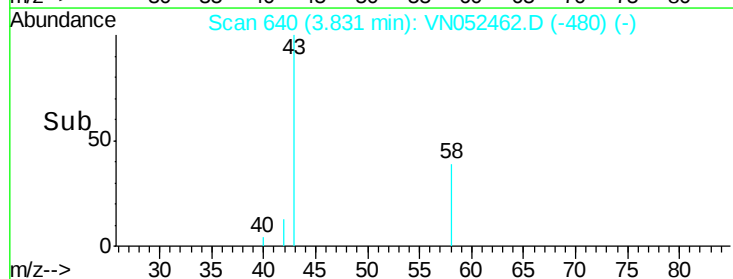
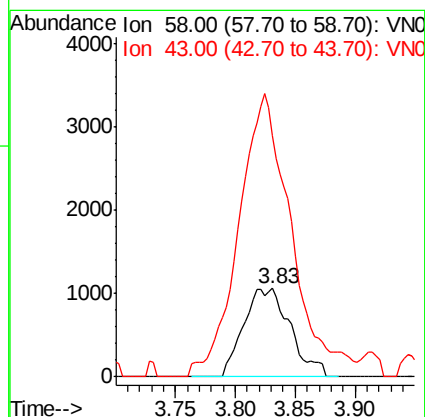
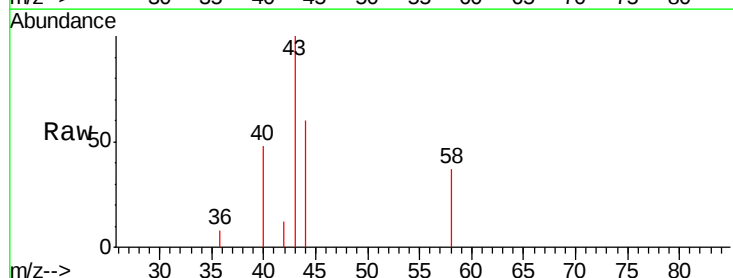
RT: 3.83 min Scan# 640

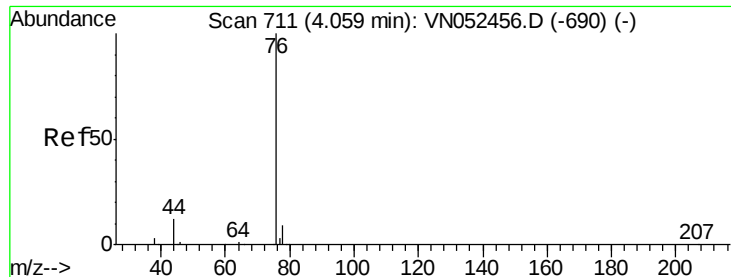
Delta R.T. 0.01 min

Lab File: VN052462.D

Acq: 26 Nov 2018 16:44

Tgt Ion:	58	Resp:	2876
Ion Ratio	Lower	Upper	
58	100		
43	273.2	243.6	365.4





#16

Carbon Disulfide

Concen: 0.29 ug/l

RT: 4.07 min Scan# 713

Delta R.T. 0.01 min

Lab File: VN052462.D

Acq: 26 Nov 2018 16:44

Instrument :

MSVOA_N

ClientSampleId :

SPDES-1

Tgt Ion: 76 Resp: 8684

Ion Ratio Lower Upper

76 100

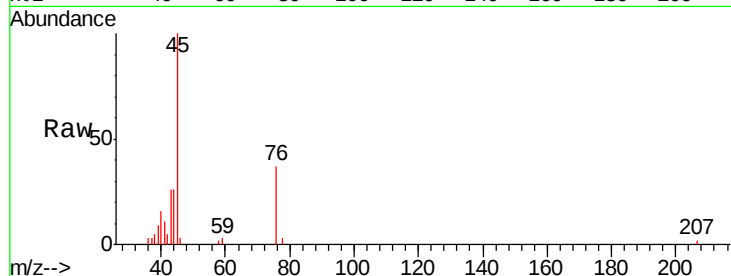
78 7.5 7.3 10.9

Manual Integrations

APPROVED

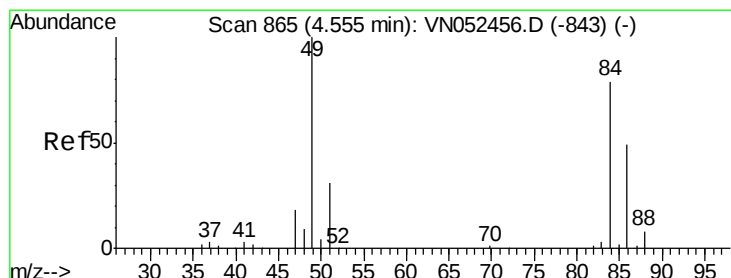
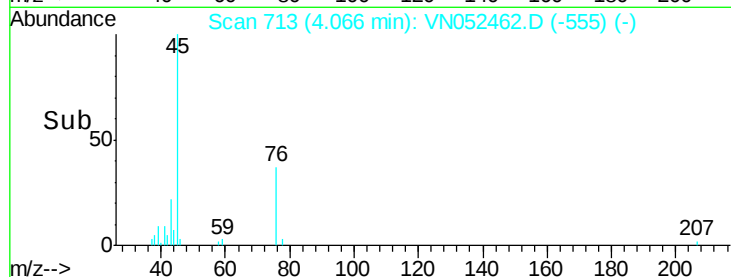
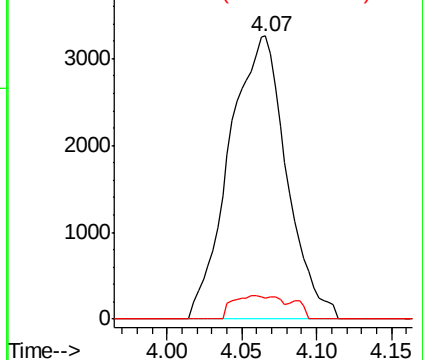
MMDadoda

11/27/2018 3:52:13 PM



Abundance Ion 76.00 (75.70 to 76.70): VNO

Ion 78.00 (77.70 to 78.70): VNO



#18

Methylene Chloride

Concen: 0.42 ug/l

RT: 4.56 min Scan# 867

Delta R.T. 0.01 min

Lab File: VN052462.D

Acq: 26 Nov 2018 16:44

Tgt Ion: 84 Resp: 4560

Ion Ratio Lower Upper

84 100

49 110.6 101.4 152.0

51 28.1 31.7 47.5#

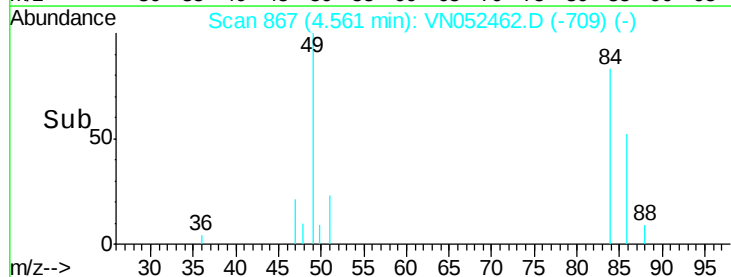
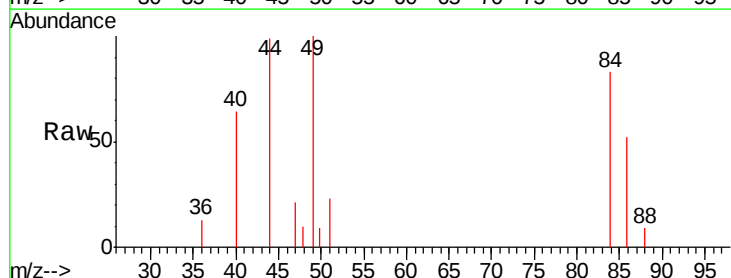
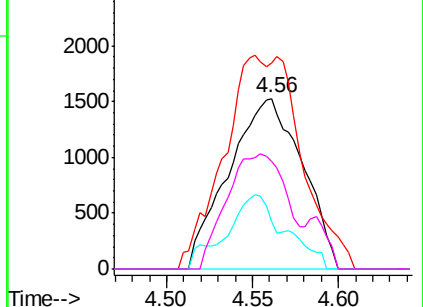
86 62.9 50.1 75.1

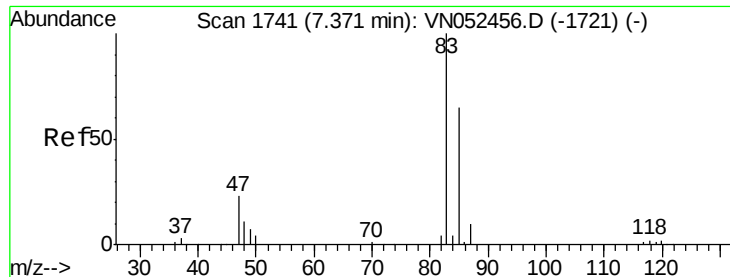
Abundance Ion 84.00 (83.70 to 84.70): VNO

Ion 49.00 (48.70 to 49.70): VNO

Ion 51.00 (50.70 to 51.70): VNO

Ion 86.00 (85.70 to 86.70): VNO





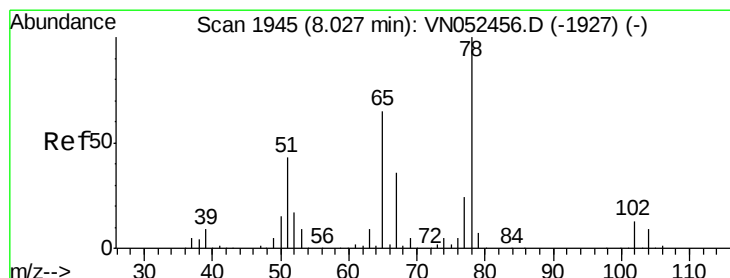
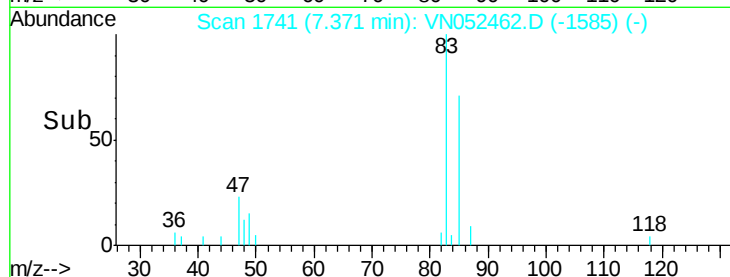
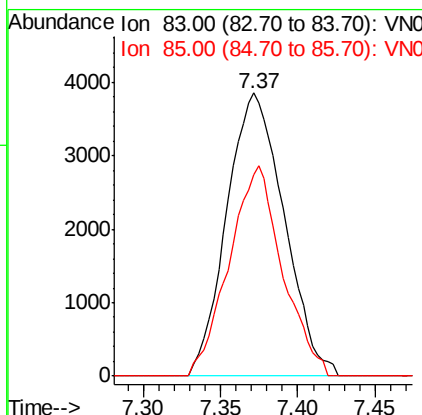
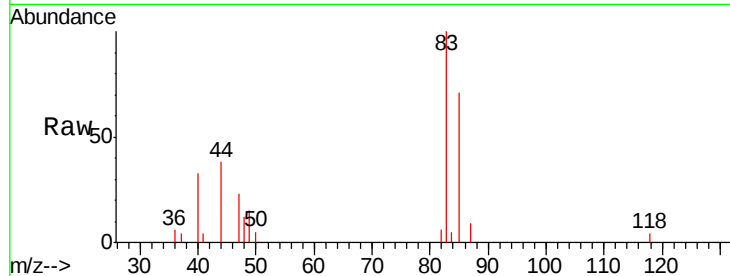
#25
Chloroform
Concen: 0.53 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN052462.D
Acq: 26 Nov 2018 16:44

Instrument :
MSVOA_N
ClientSampleId :
SPDES-1

Tgt Ion: 83 Resp: 9946
Ion Ratio Lower Upper
83 100
85 68.0 51.7 77.5

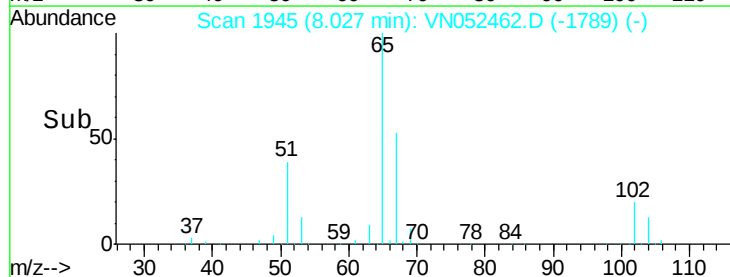
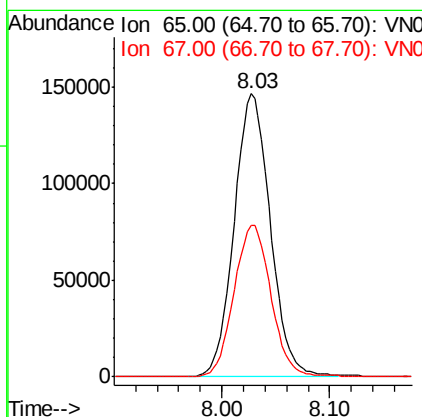
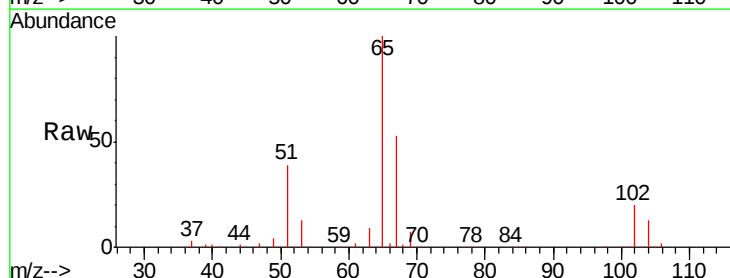
Manual Integrations
APPROVED

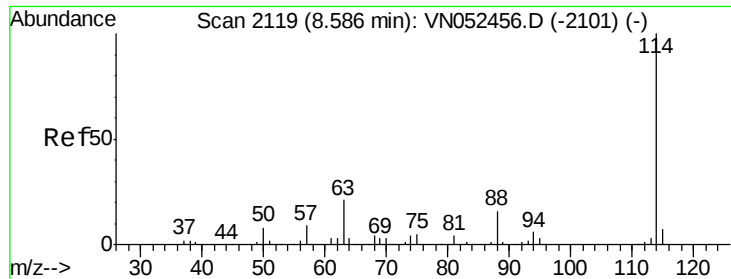
MMDadoda
11/27/2018 3:52:13 PM



#27
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN052462.D
Acq: 26 Nov 2018 16:44

Tgt Ion: 65 Resp: 342917
Ion Ratio Lower Upper
65 100
67 54.5 44.6 66.8





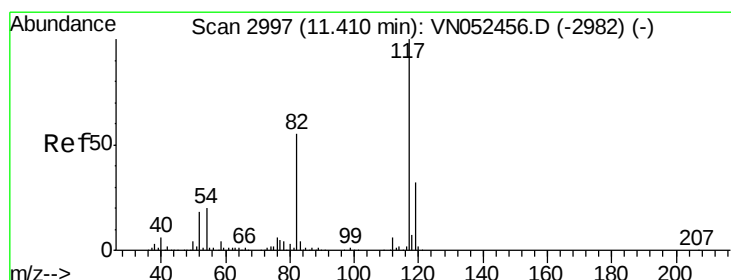
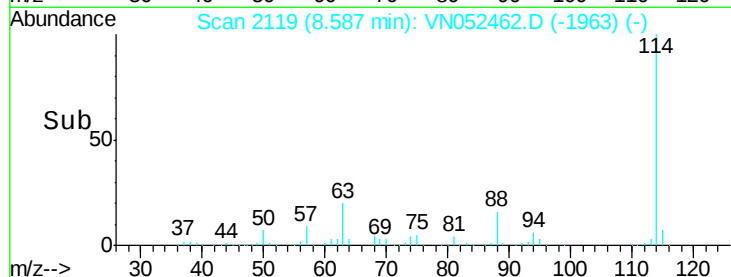
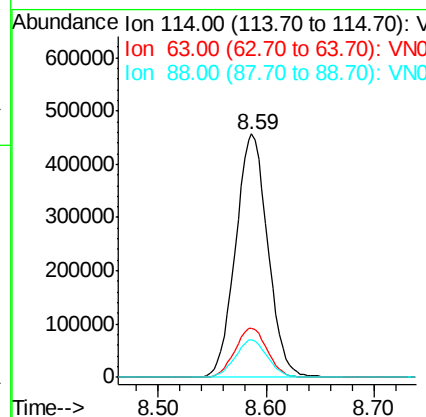
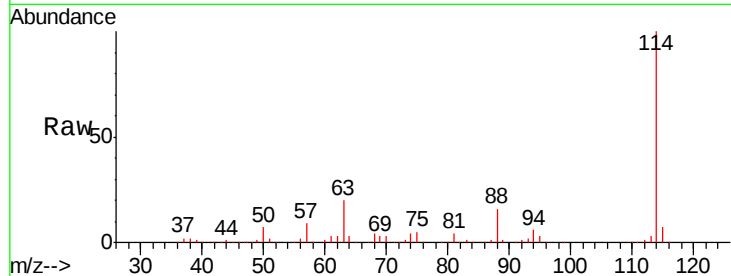
#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052462.D
 Acq: 26 Nov 2018 16:44

Instrument :
 MSVOA_N
 ClientSampleId :
 SPDES-1

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	950312		
63	20.5	16.9	25.3	
88	15.5	12.8	19.2	

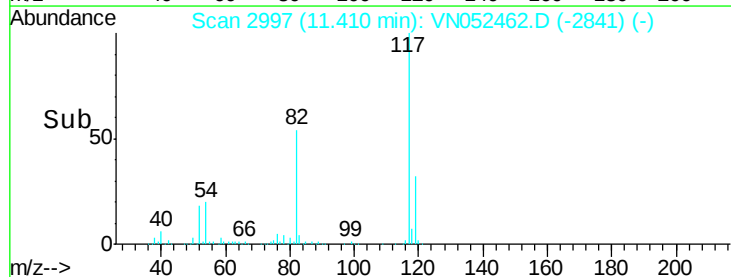
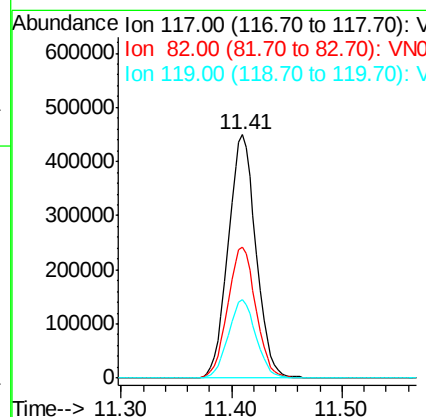
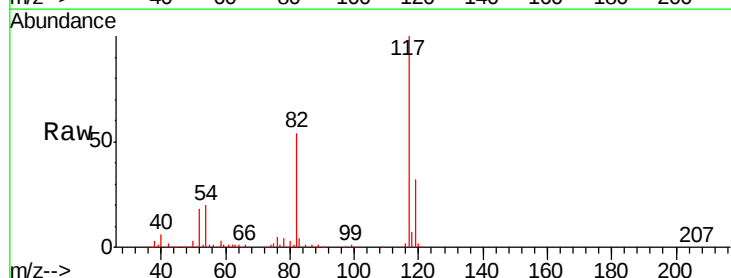
Manual Integrations
 APPROVED

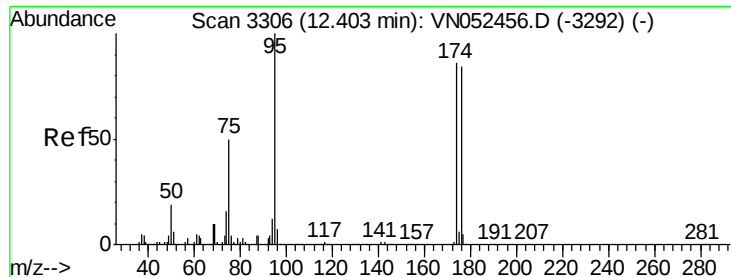
MMDadoda
 11/27/2018 3:52:13 PM



#57
 Chlorobenzene-d5
 Concen: 30.00 ug/l
 RT: 11.41 min Scan# 2997
 Delta R.T. 0.00 min
 Lab File: VN052462.D
 Acq: 26 Nov 2018 16:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	783968		
82	54.6	44.2	66.2	
119	32.2	25.4	38.2	





#60

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052462.D

Acq: 26 Nov 2018 16:44

Instrument :

MSVOA_N

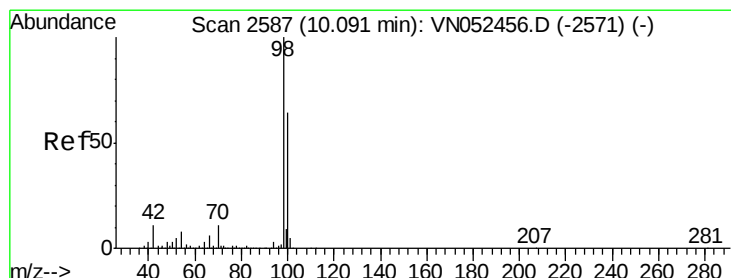
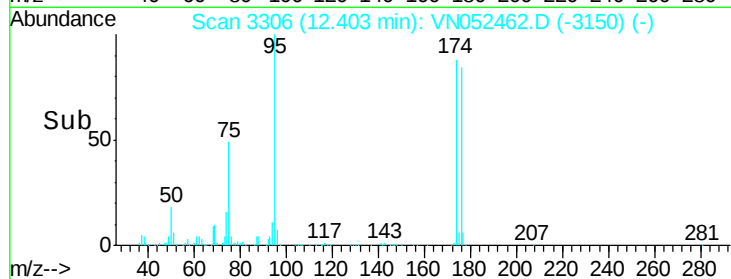
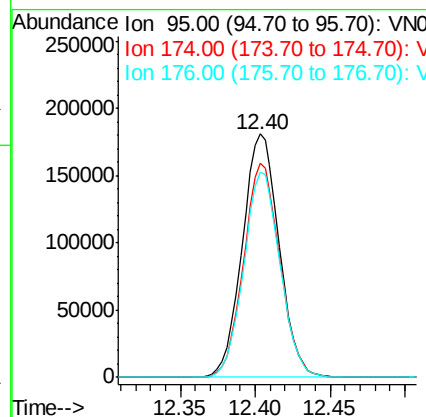
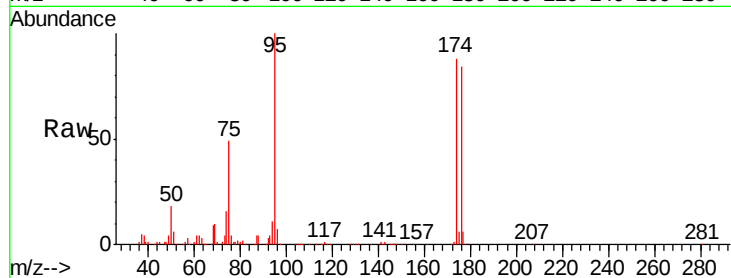
ClientSampled :

SPDES-1

Tgt Ion:	95	Resp:	309637
Ion Ratio	Lower	Upper	
95	100		
174	86.6	67.9	101.9
176	83.4	66.4	99.6

Manual Integrations
APPROVED

MMDadoda
11/27/2018 3:52:13 PM



#63

Toluene-d8

Concen: Below ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052462.D

Acq: 26 Nov 2018 16:44

Tgt Ion:	98	Resp:	1120659
Ion Ratio	Lower	Upper	
98	100		
100	64.2	51.1	76.7

