

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062518\
 Data File : VN049515.D
 Acq On : 25 Jun 2018 16:55
 Operator : MD\SY
 Sample : VN0625WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

Manual Integrations
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 6/26/2018 5:14:15 PM

Quant Time: Jun 26 02:03:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1047045	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1533647	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1357211	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	598978	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	471520	33.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.90%	
35) Dibromofluoromethane	7.59	113	416802	33.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.18%	
50) Toluene-d8	10.09	98	1549770	32.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	65.60%	
62) 4-Bromofluorobenzene	12.40	95	479657	30.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	61.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	174519	14.48	ug/l	99
3) Chloromethane	2.06	50	225321	14.48	ug/l	96
4) Vinyl Chloride	2.19	62	247711	14.98	ug/l	100
5) Bromomethane	2.57	94	143613	16.52	ug/l	93
6) Chloroethane	2.70	64	155050	15.72	ug/l	100
7) Trichlorofluoromethane	3.02	101	344286	16.69	ug/l	100
8) Diethyl Ether	3.41	74	116226	16.13	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.75	101	212667	16.25	ug/l	92
10) Methyl Iodide	3.95	142	205673	15.10	ug/l	92
11) Tert butyl alcohol	4.79	59	66800	81.95	ug/l #	70
12) 1,1-Dichloroethene	3.73	96	193164	16.09	ug/l	93
13) Acrolein	3.61	56	114070	133.45	ug/l	98
14) Allyl chloride	4.32	41	308008	16.25	ug/l	90
15) Acrylonitrile	4.99	53	323366	79.34	ug/l	98
16) Acetone	3.82	43	298385	88.49	ug/l	92
17) Carbon Disulfide	4.05	76	560619	14.90	ug/l	99
18) Methyl Acetate	4.33	43	182749	17.77	ug/l	92
19) Methyl tert-butyl Ether	5.05	73	501834	16.39	ug/l	100
20) Methylene Chloride	4.55	84	260209	18.48	ug/l	90
21) trans-1,2-Dichloroethene	5.04	96	201546	15.86	ug/l	93
22) Diisopropyl ether	5.95	45	632284	16.70	ug/l	97
23) Vinyl Acetate	5.90	43	1912573	77.50	ug/l	97
24) 1,1-Dichloroethane	5.85	63	395987	16.34	ug/l	99
25) 2-Butanone	6.84	43	368970	81.49	ug/l	97
26) 2,2-Dichloropropane	6.82	77	334342	17.09	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	231186	16.36	ug/l	90
28) Bromochloromethane	7.19	49	99684	9.28	ug/l	86
29) Tetrahydrofuran	7.22	42	228645	78.45	ug/l #	83
30) Chloroform	7.37	83	394168	16.35	ug/l	99
31) Cyclohexane	7.65	56	323090	15.61	ug/l #	90
32) 1,1,1-Trichloroethane	7.57	97	342817	16.66	ug/l	98
36) 1,1-Dichloropropene	7.79	75	282264	16.06	ug/l	97
37) Ethyl Acetate	6.93	43	158579	16.60	ug/l #	94
38) Carbon Tetrachloride	7.77	117	303647	16.69	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.08	83	297577	15.77	ug/l	98
40) Benzene	8.04	78	895194	16.61	ug/l	100
41) Methacrylonitrile	7.17	41	74073	14.34	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	279019	16.76	ug/l	97
43) Isopropyl Acetate	8.17	43	296858	16.26	ug/l	95
44) Trichloroethene	8.83	130	240998	16.94	ug/l	90
45) 1,2-Dichloropropane	9.12	63	236593	16.77	ug/l	100
46) Dibromomethane	9.21	93	136132	16.64	ug/l	91
47) Bromodichloromethane	9.40	83	298713	16.61	ug/l	97
48) Methyl methacrylate	9.20	41	137898	16.04	ug/l	88
49) 1,4-Dioxane	9.20	88	36694	309.23	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	780230	81.54	ug/l	94
52) Toluene	10.16	92	536582	16.97	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	269740	15.68	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	330004	16.25	ug/l #	89
55) 1,1,2-Trichloroethane	10.56	97	197604	16.76	ug/l	96
56) Ethyl methacrylate	10.43	69	204175	15.01	ug/l #	88
57) 1,3-Dichloropropane	10.71	76	323597	16.57	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.70	63	439651	99.55	ug/l	96
59) 2-Hexanone	10.75	43	501235	81.25	ug/l	95
60) Dibromochloromethane	10.90	129	214403	16.29	ug/l	98
61) 1,2-Dibromoethane	11.01	107	182725	16.67	ug/l	100
64) Tetrachloroethene	10.63	164	268641	19.32	ug/l	96
65) Chlorobenzene	11.44	112	581879	16.64	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	218396	16.60	ug/l	99
67) Ethyl Benzene	11.51	91	930250	16.04	ug/l	98
68) m/p-Xylenes	11.62	106	717238	32.96	ug/l	98
69) o-Xylene	11.95	106	344511	16.43	ug/l	95
70) Styrene	11.97	104	528626	15.98	ug/l	98
71) Bromoform	12.13	173	141217	16.58	ug/l #	98
73) Isopropylbenzene	12.25	105	910420	17.31	ug/l	98
74) N-amyl acetate	12.07	43	198778	15.43	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.51	83	204605	17.45	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	176638m	17.28	ug/l	
77) Bromobenzene	12.53	156	235721	16.97	ug/l	90
78) n-propylbenzene	12.59	91	1001926	17.35	ug/l	99
79) 2-Chlorotoluene	12.68	91	627978	17.16	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	734275	17.76	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	53367	16.50	ug/l	92
82) 4-Chlorotoluene	12.78	91	620011	17.56	ug/l	97
83) tert-Butylbenzene	12.99	119	617055	16.85	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	716017	17.44	ug/l	98
85) sec-Butylbenzene	13.17	105	842250	17.28	ug/l	98
86) p-Isopropyltoluene	13.29	119	693008	17.02	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	380222	16.64	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	366309	16.17	ug/l	100
89) n-Butylbenzene	13.62	91	485473	15.26	ug/l	99
90) Hexachloroethane	13.88	117	147071	18.00	ug/l	86
91) 1,2-Dichlorobenzene	13.66	146	380729	16.99	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	29408	16.06	ug/l	86

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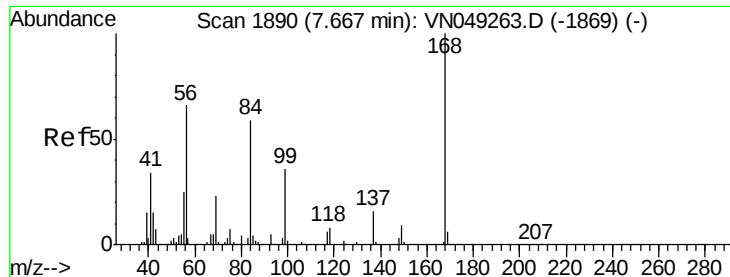
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	104082	13.91	ug/l	99
94) Hexachlorobutadiene	15.01	225	134309	18.79	ug/l	99
95) Naphthalene	15.14	128	202222	13.85	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	120229	14.60	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

Tot Ion:168 Resp: 1047045

Ion Ratio Lower Upper

168 100

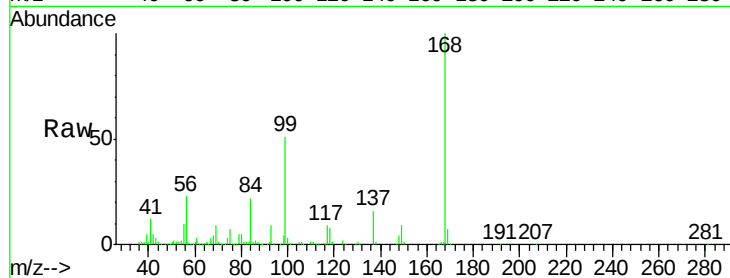
99 50.8 45.8 68.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

400000

300000

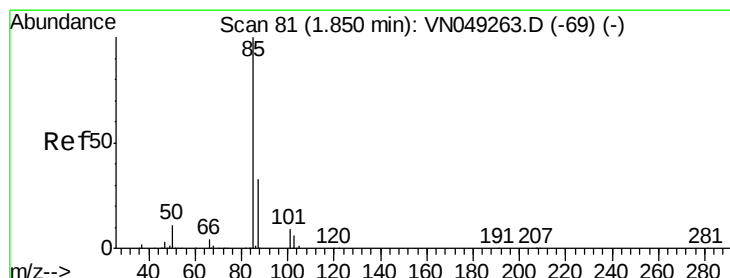
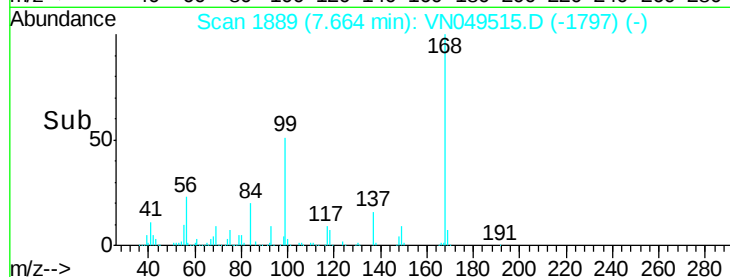
200000

100000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 14.48 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN049515.D

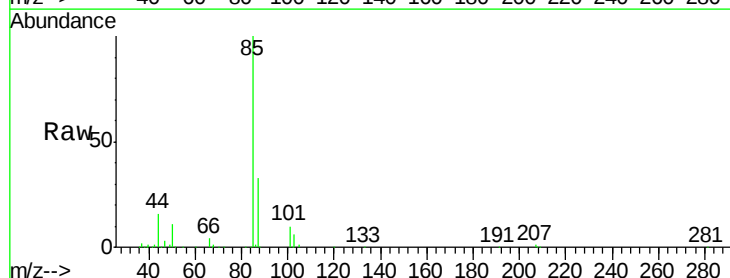
Acq: 25 Jun 2018 16:55

Tgt Ion: 85 Resp: 174519

Ion Ratio Lower Upper

85 100

87 32.8 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

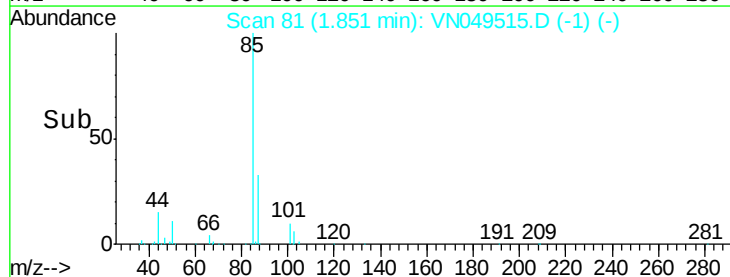
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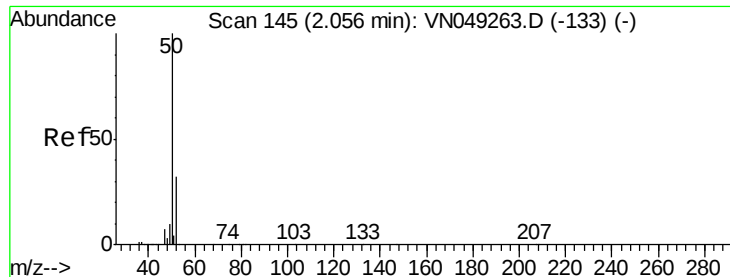
50000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 14.48 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

Tot Ion: 50 Resp: 225321

Ion Ratio Lower Upper

50 100

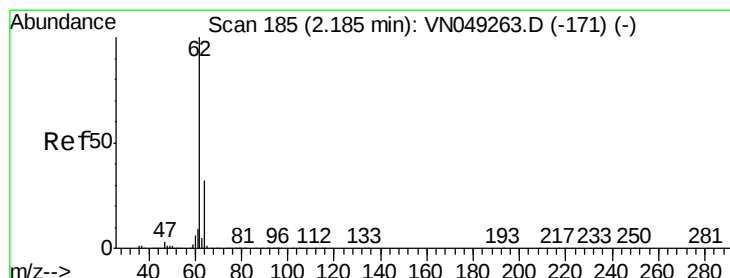
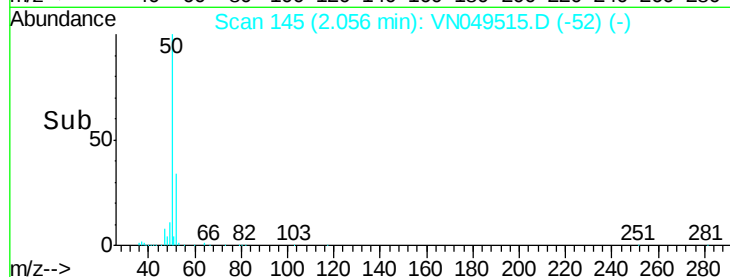
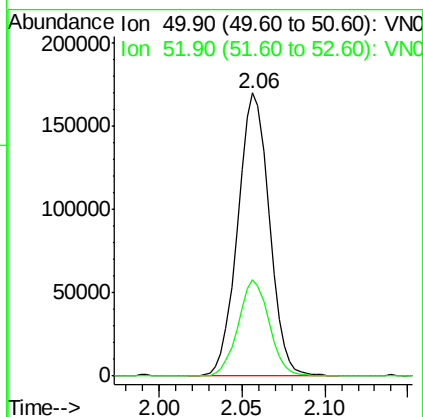
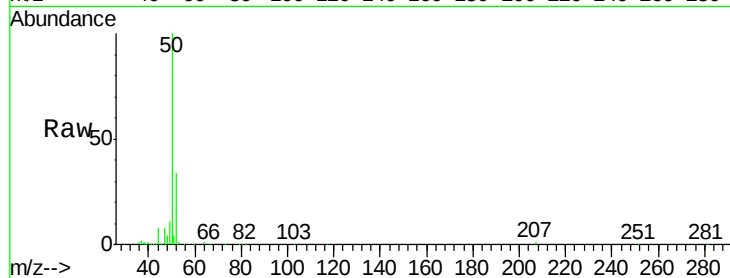
52 33.9 25.2 37.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 14.98 ug/l

RT: 2.19 min Scan# 185

Delta R.T. 0.00 min

Lab File: VN049515.D

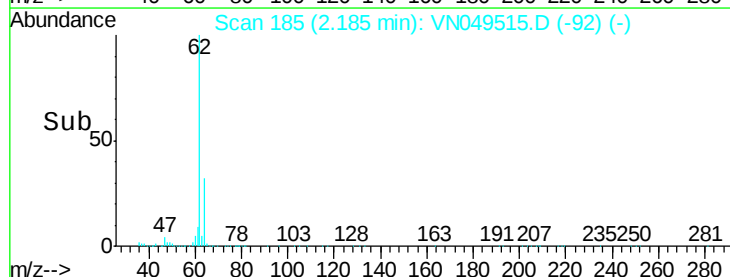
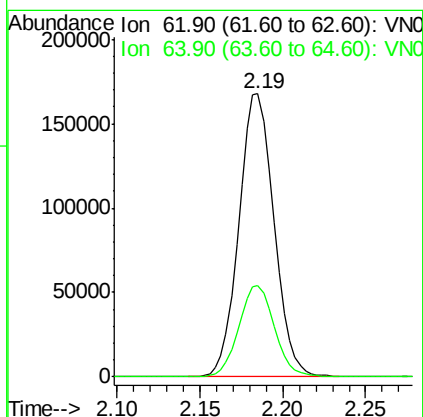
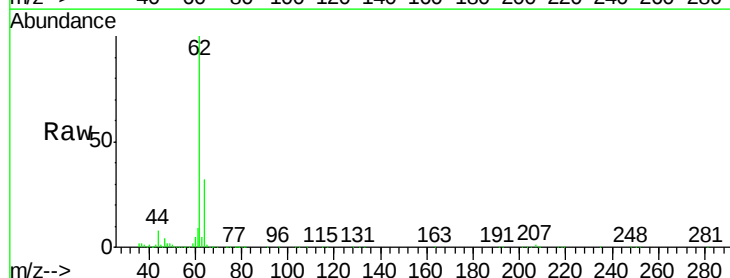
Acq: 25 Jun 2018 16:55

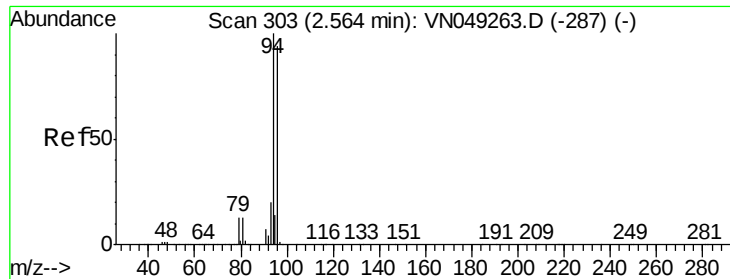
Tgt Ion: 62 Resp: 247711

Ion Ratio Lower Upper

62 100

64 32.1 25.7 38.5





#5

Bromomethane

Concen: 16.52 ug/l

RT: 2.57 min Scan# 305

Delta R.T. 0.01 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

Tot Ion: 94 Resp: 143613

Ion Ratio Lower Upper

94 100

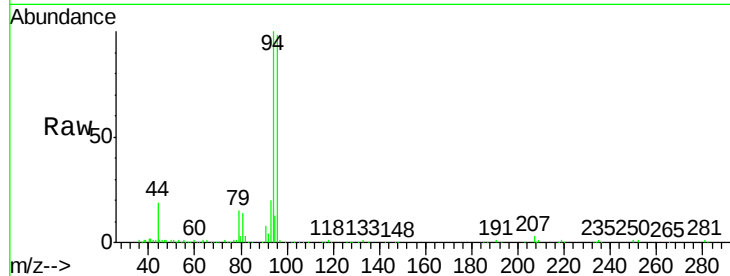
96 97.4 72.8 109.2

Manual Integrations

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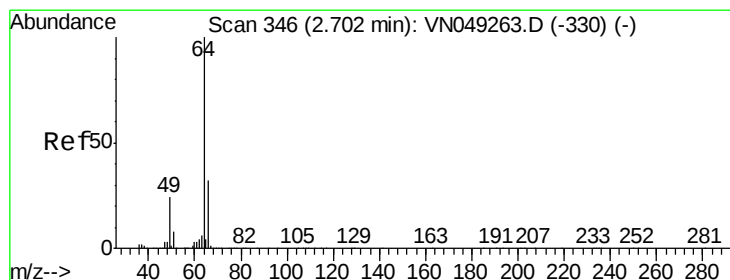
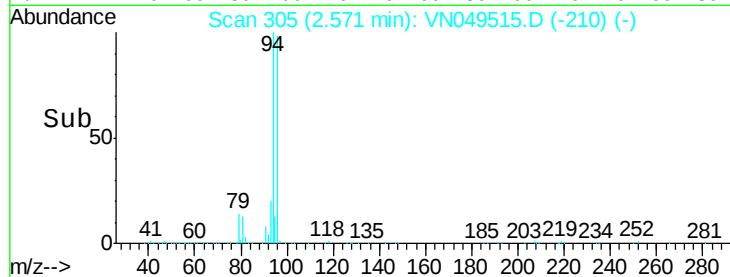
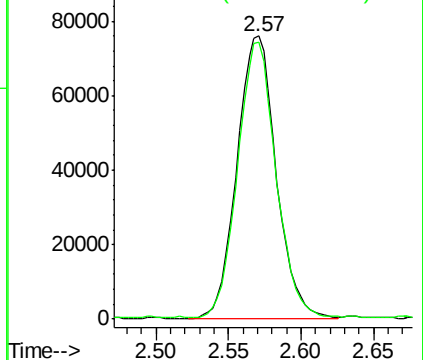
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 15.72 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN049515.D

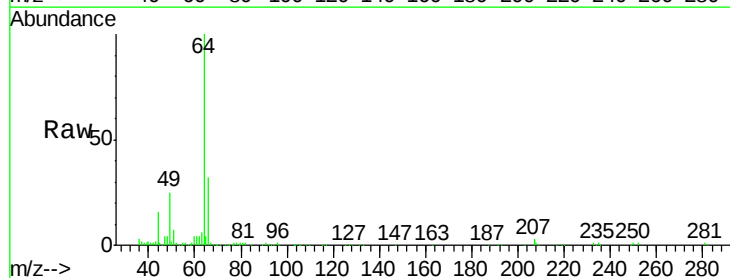
Acq: 25 Jun 2018 16:55

Tgt Ion: 64 Resp: 155050

Ion Ratio Lower Upper

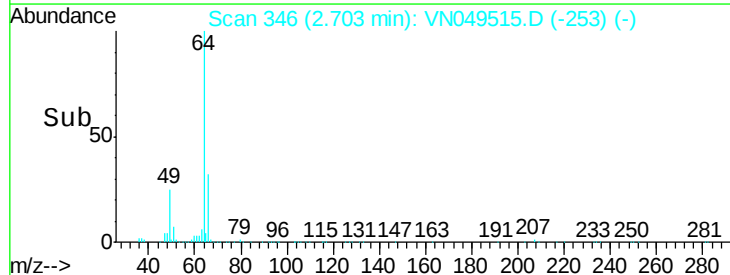
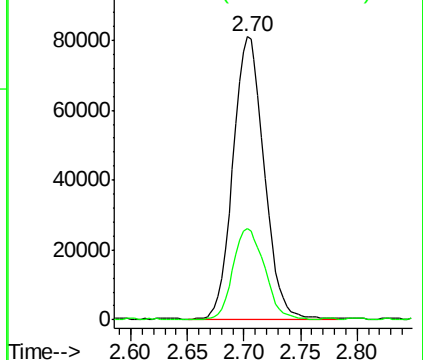
64 100

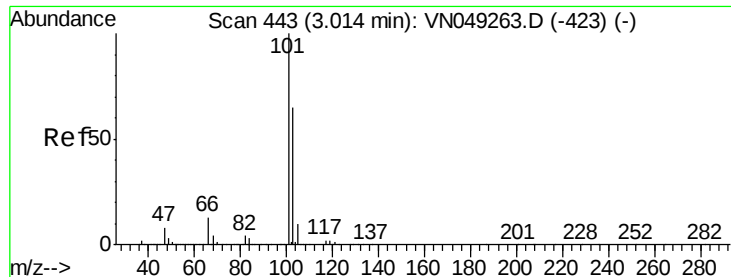
66 31.9 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

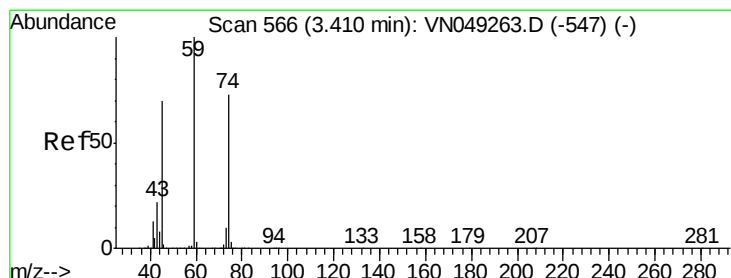
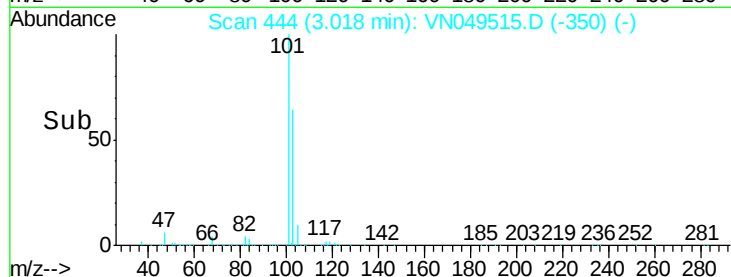
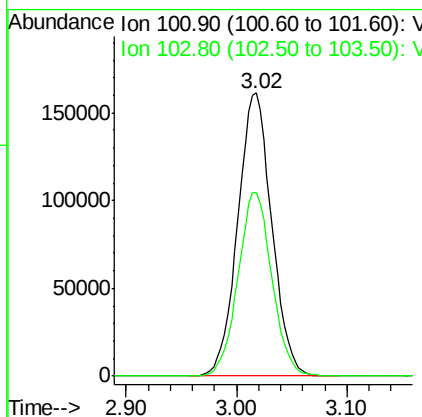
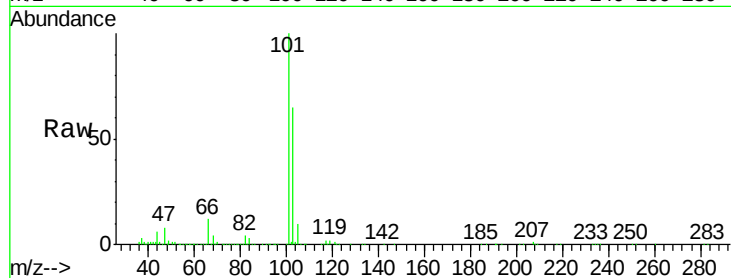
Trichlorofluoromethane
Concen: 16.69 ug/l
RT: 3.02 min Scan# 444
Delta R.T. 0.00 min
Lab File: VN049515.D
Acq: 25 Jun 2018 16:55

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	51.7	77.5

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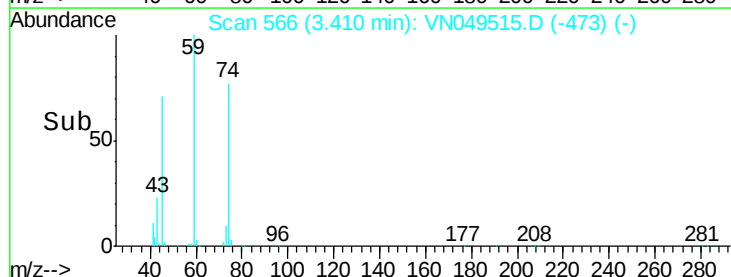
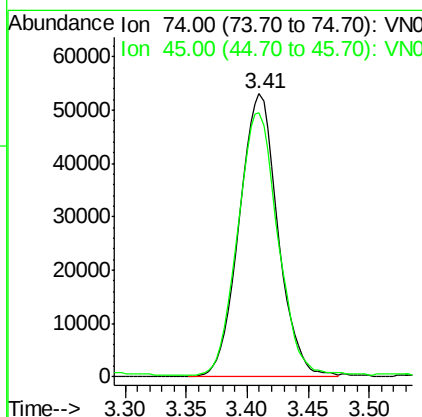
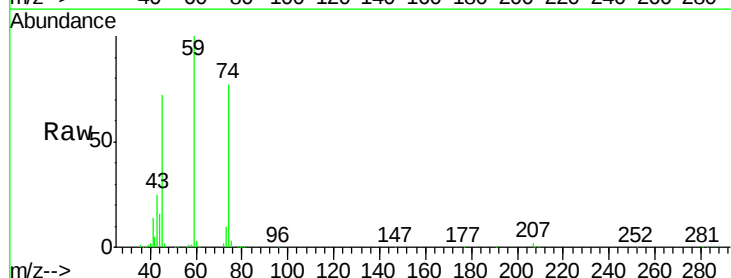
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#8

Diethyl Ether
Concen: 16.13 ug/l
RT: 3.41 min Scan# 566
Delta R.T. 0.00 min
Lab File: VN049515.D
Acq: 25 Jun 2018 16:55

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.9	51.9	155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.25 ug/l

RT: 3.75 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

Instrument :

MSVOA_N

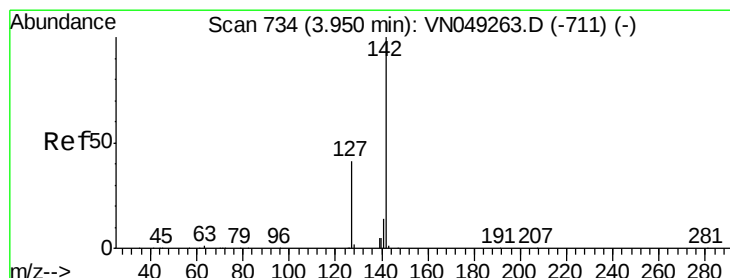
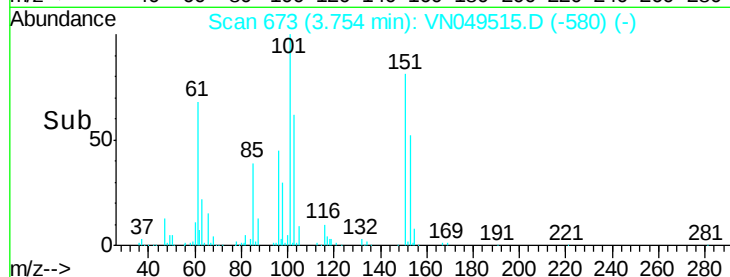
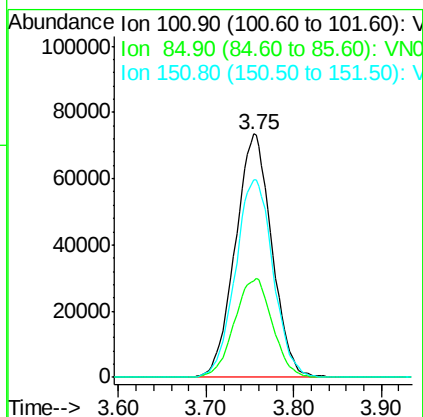
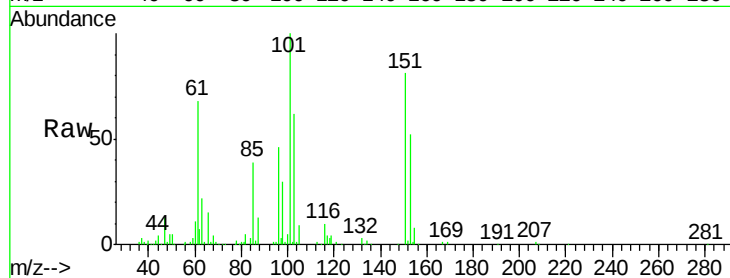
ClientSampleId :

VN0625WBSD01

Tot Ion:	101	Resp:	212667
Ion Ratio	Lower	Upper	
101	100		
85	42.1	37.6	56.4
151	83.8	61.1	91.7

Manual Integrations
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#10

Methyl Iodide

Concen: 15.10 ug/l

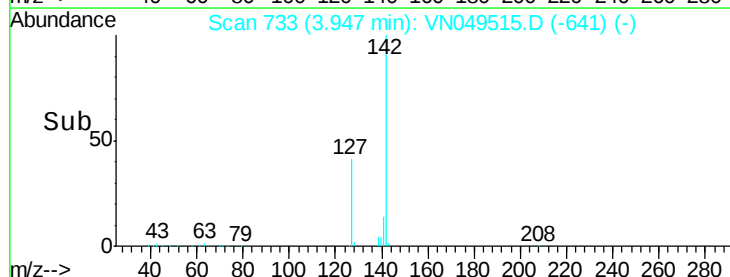
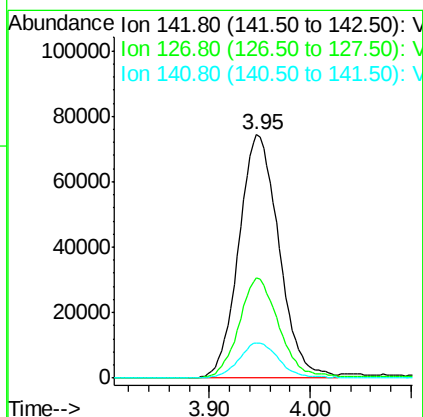
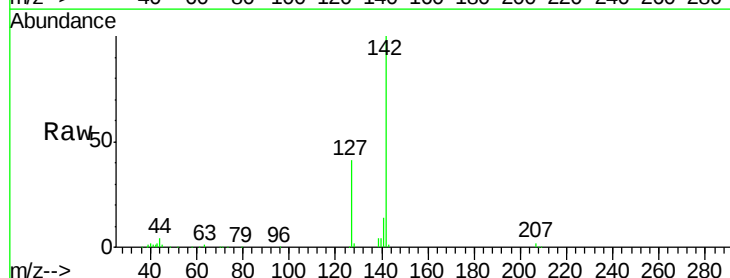
RT: 3.95 min Scan# 733

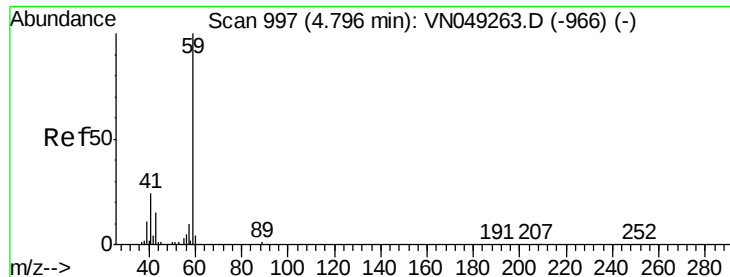
Delta R.T. -0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

Tgt Ion:	142	Resp:	205673
Ion Ratio	Lower	Upper	
142	100		
127	41.0	38.2	57.4
141	14.3	11.9	17.9





#11

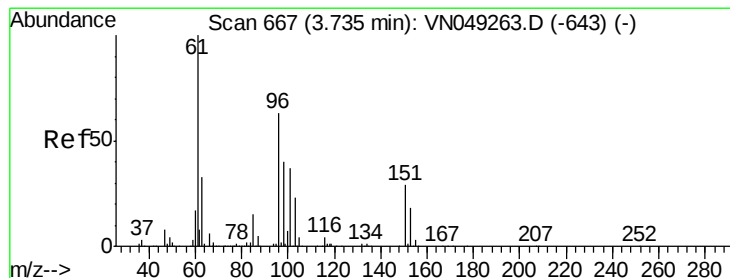
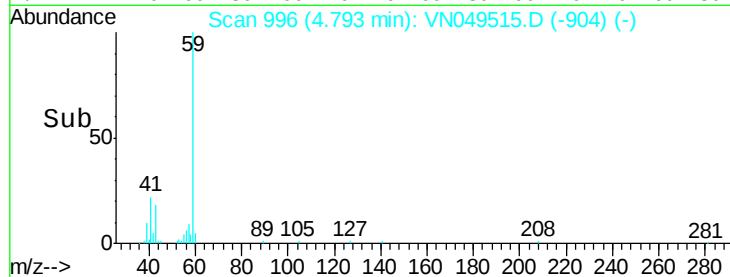
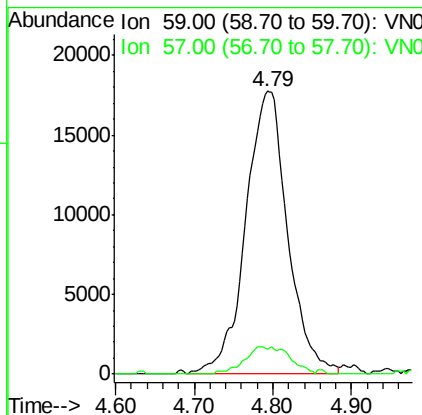
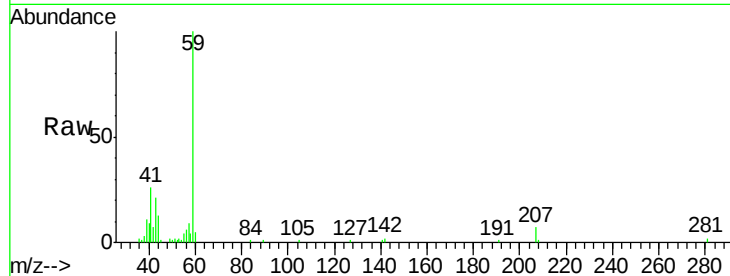
Tert butyl alcohol
 Concen: 81.95 ug/l
 RT: 4.79 min Scan# 996
 Delta R.T. -0.00 min
 Lab File: VN049515.D
 Acq: 25 Jun 2018 16:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.0	13.6#

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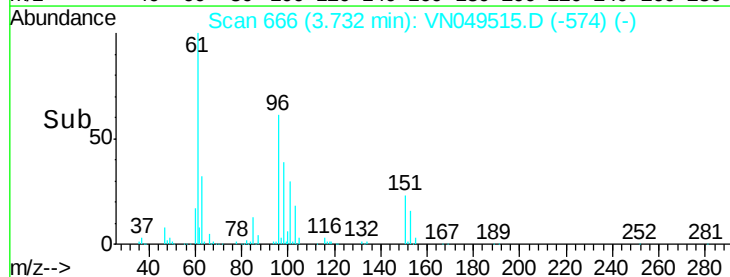
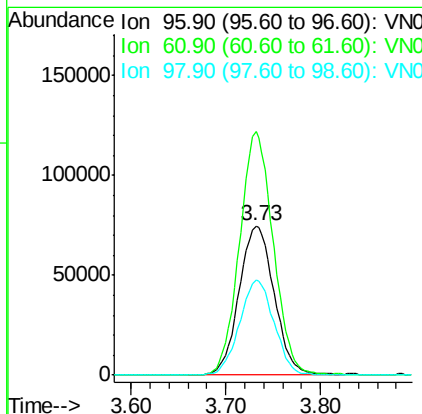
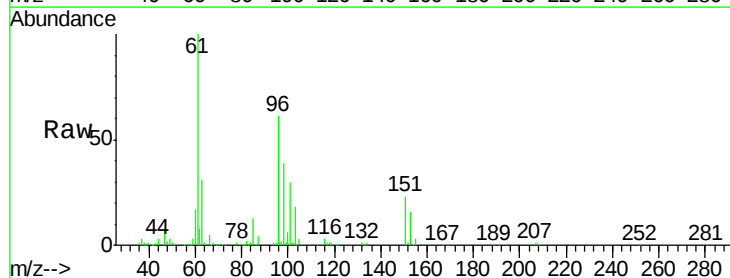
apatel
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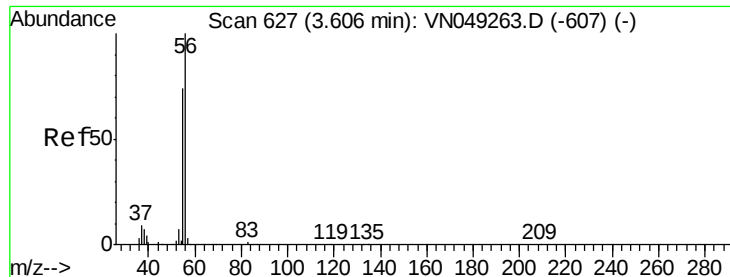


#12

1,1-Dichloroethene
 Concen: 16.09 ug/l
 RT: 3.73 min Scan# 666
 Delta R.T. -0.00 min
 Lab File: VN049515.D
 Acq: 25 Jun 2018 16:55

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.5	141.0	211.4
98	64.0	50.4	75.6





#13

Acrolein

Concen: 133.45 ug/l

RT: 3.61 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

Tot Ion: 56 Resp: 114070

Ion Ratio Lower Upper

56 100

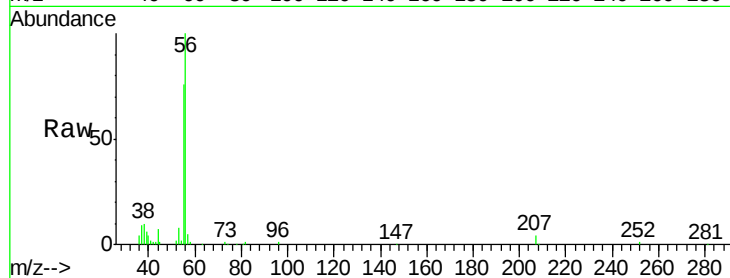
55 72.8 57.1 85.7

Manual Integrations

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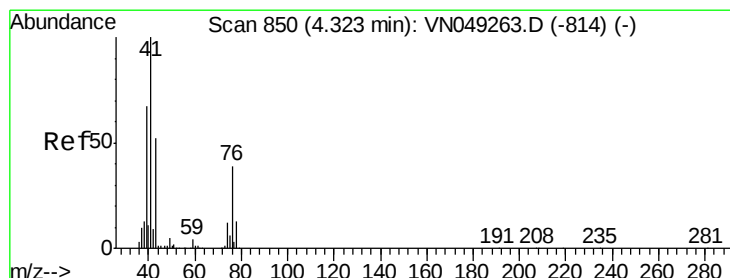
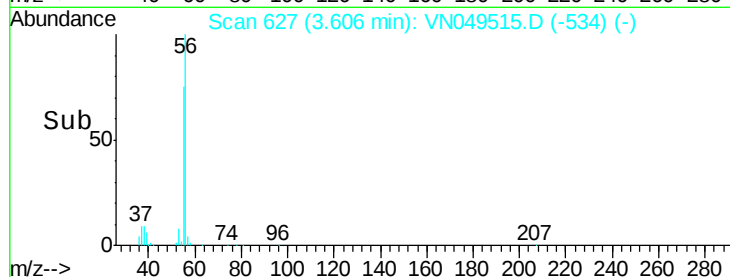
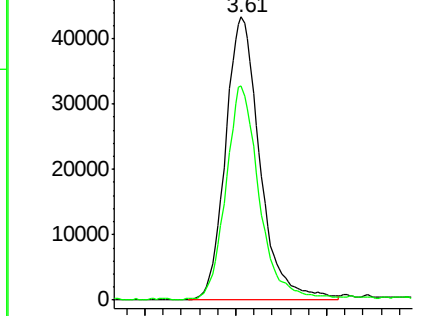
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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 16.25 ug/l

RT: 4.32 min Scan# 849

Delta R.T. -0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

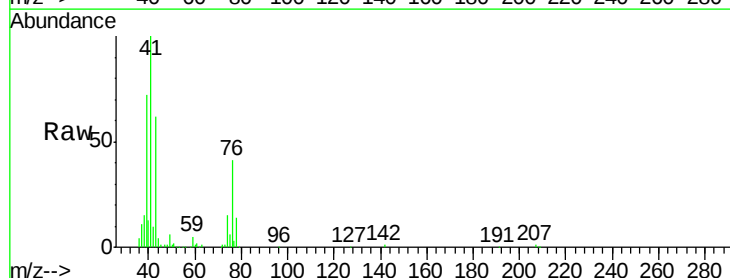
Tgt Ion: 41 Resp: 308008

Ion Ratio Lower Upper

41 100

39 66.6 62.5 93.7

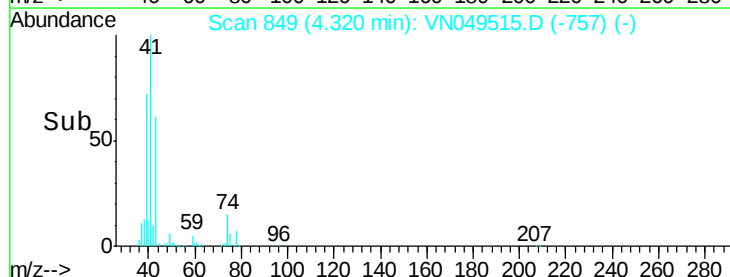
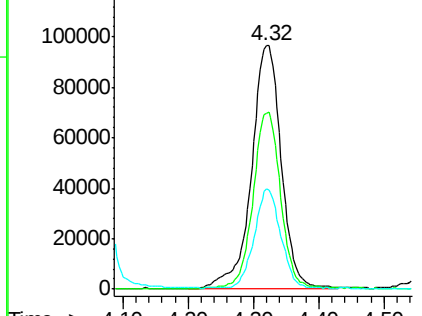
76 36.0 27.1 40.7



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





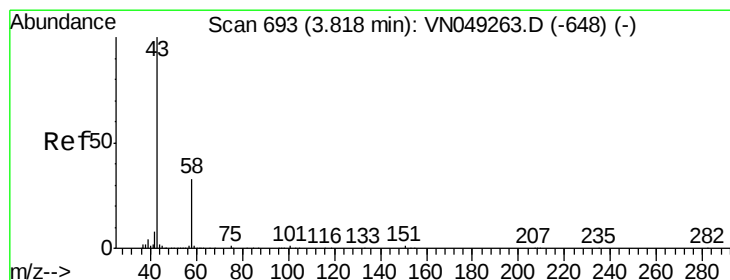
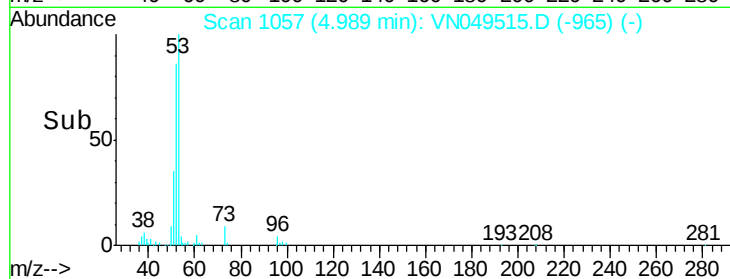
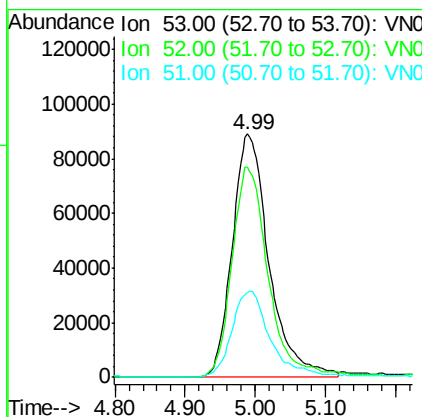
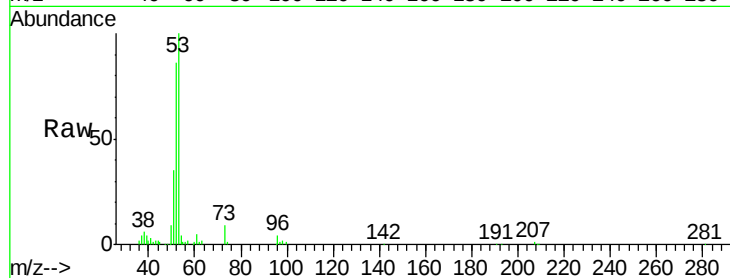
#15
 Acrylonitrile
 Concen: 79.34 ug/l
 RT: 4.99 min Scan# 1057
 Delta R.T. -0.00 min
 Lab File: VN049515.D
 Acq: 25 Jun 2018 16:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
53	53	100		
52	52	85.8	66.6	100.0
51	51	36.8	29.8	44.8

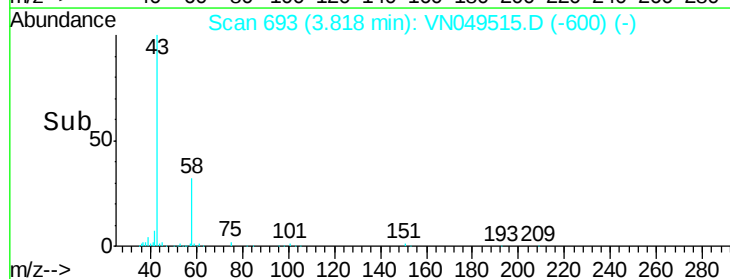
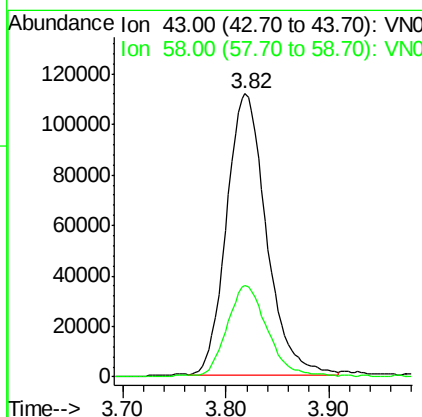
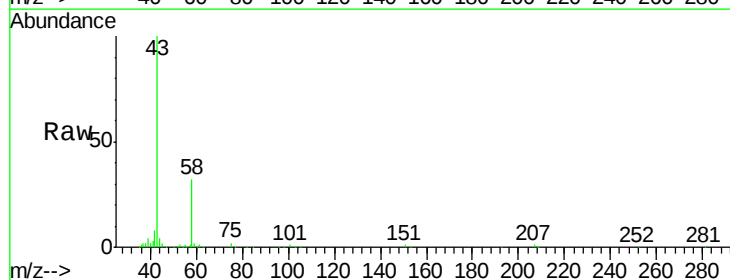
Manual Integrations
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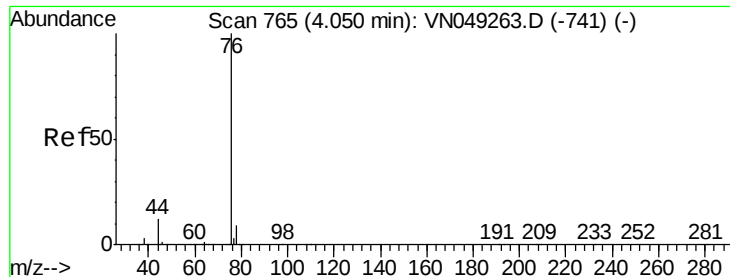
apatel
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#16
 Acetone
 Concen: 88.49 ug/l
 RT: 3.82 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: VN049515.D
 Acq: 25 Jun 2018 16:55

Tgt Ion	Ion	Ratio	Lower	Upper
43	43	100		
58	58	32.2	22.4	33.6





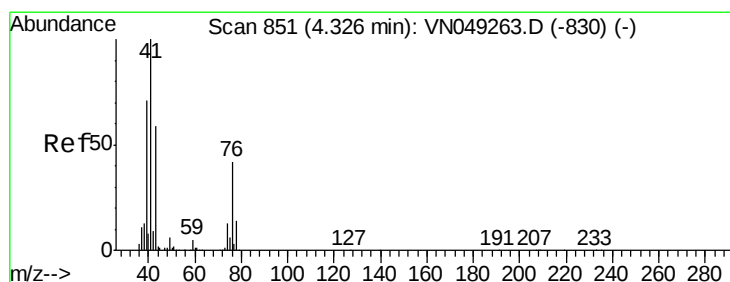
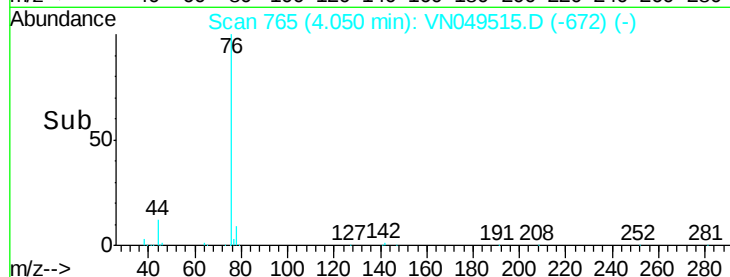
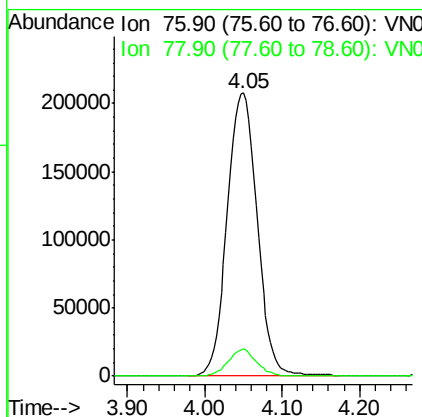
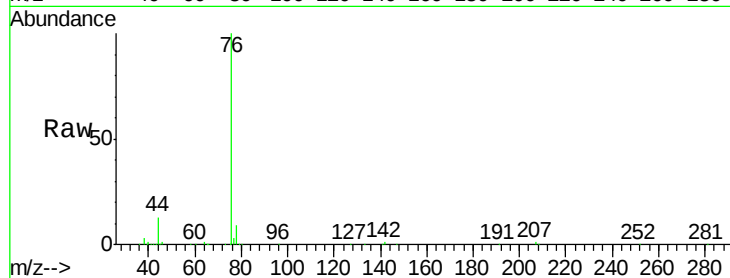
#17
Carbon Disulfide
Concen: 14.90 ug/l
RT: 4.05 min Scan# 765
Delta R.T. 0.00 min
Lab File: VN049515.D
Acq: 25 Jun 2018 16:55

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.4	11.0

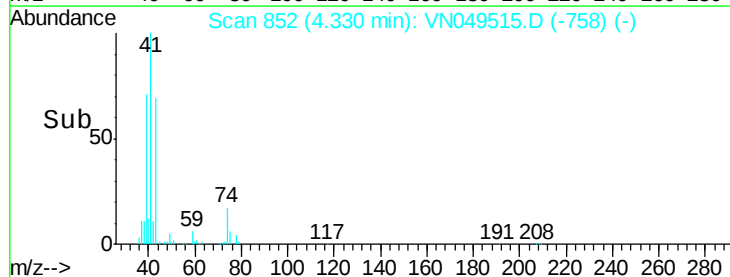
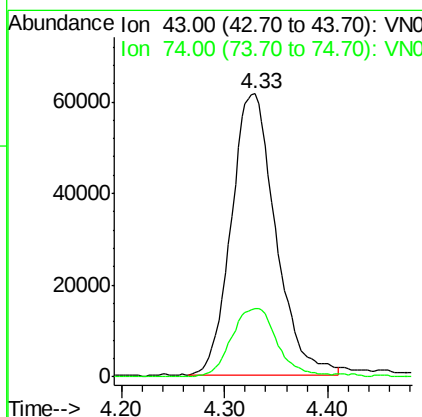
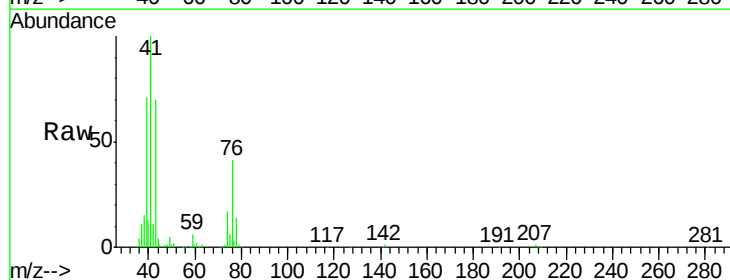
Manual Integrations
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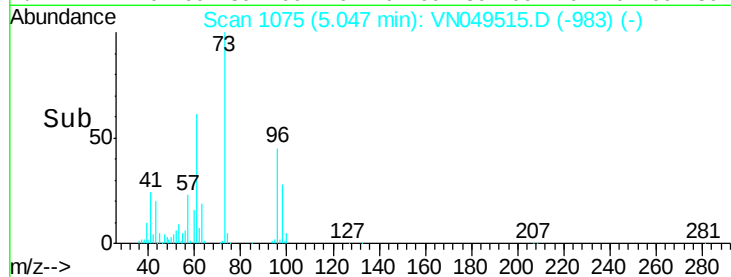
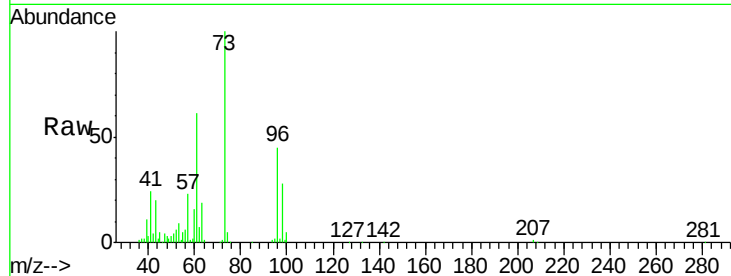
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#18
Methyl Acetate
Concen: 17.77 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049515.D
Acq: 25 Jun 2018 16:55

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.3	17.4	26.0





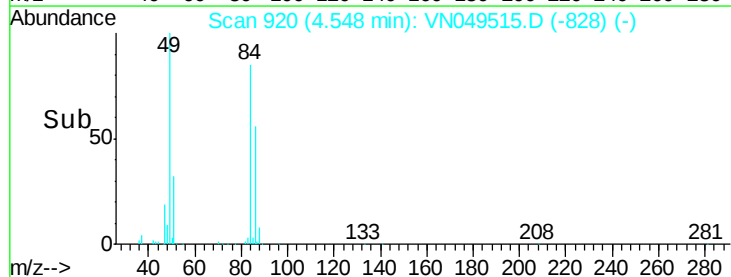
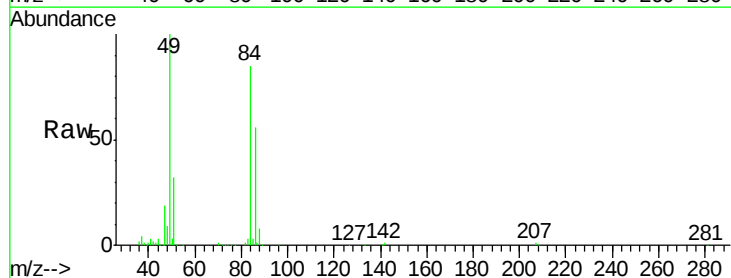
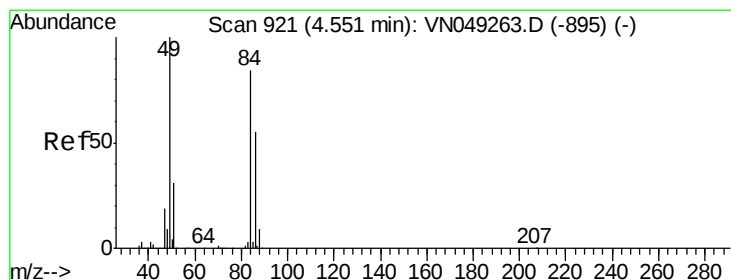
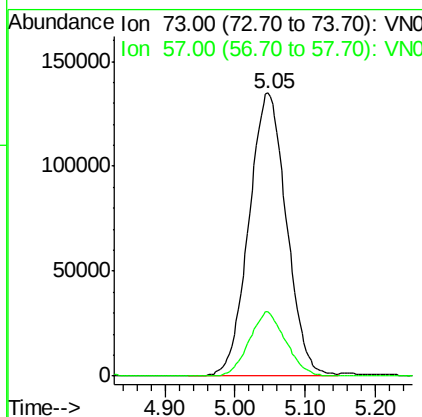
#19
Methvl tert-butvl Ether
Concen: 16.39 ug/l
RT: 5.05 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VN049515.D
Acq: 25 Jun 2018 16:55

Tot Ion: 73 Resp: 501834
Ion Ratio Lower Upper
73 100
57 22.9 18.2 27.4

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

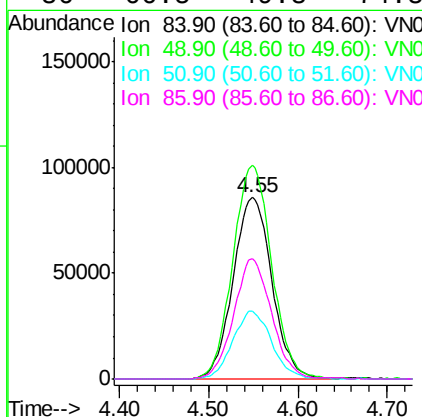
Manual Integrations
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#20
Methylene Chloride
Concen: 18.48 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049515.D
Acq: 25 Jun 2018 16:55

Tgt Ion: 84 Resp: 260209
Ion Ratio Lower Upper
84 100
49 117.9 106.9 160.3
51 37.1 32.7 49.1
86 66.5 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 15.86 ug/l

RT: 5.04 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

Instrument :

MSVOA_N

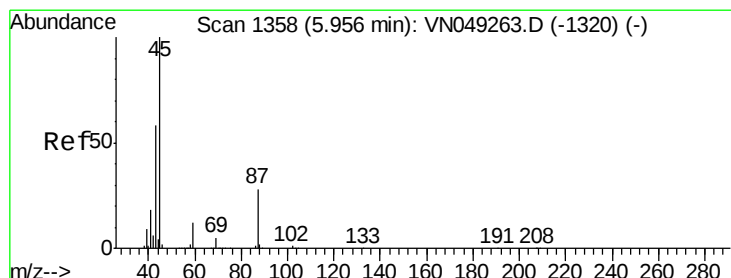
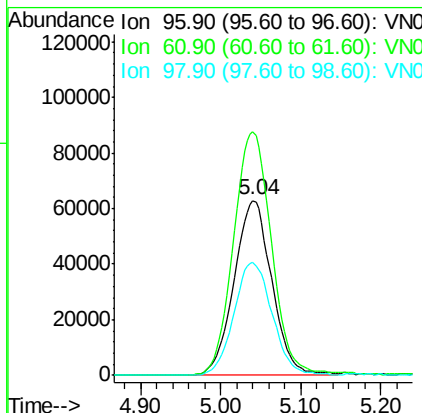
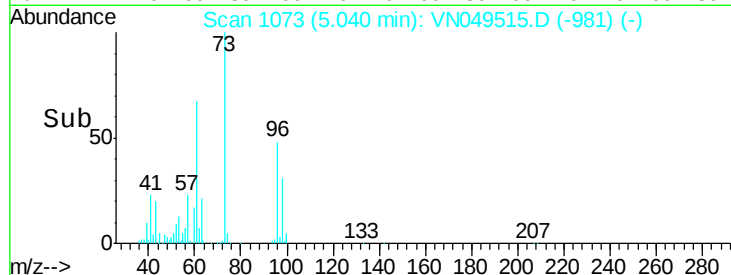
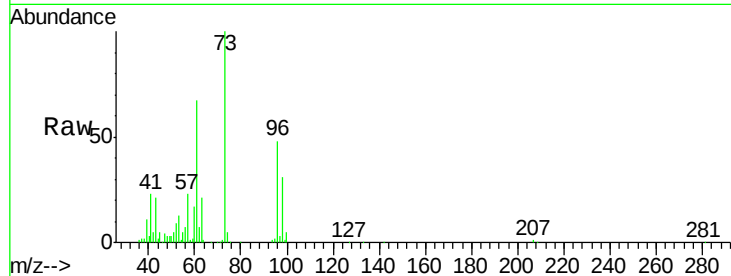
ClientSampleId :

VN0625WBSD01

Tot Ion:	96	Resp:	201546
Ion Ratio	Lower	Upper	
96	100		
61	139.5	121.3	181.9
98	64.5	52.0	78.0

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#22

Diisopropyl ether

Concen: 16.70 ug/l

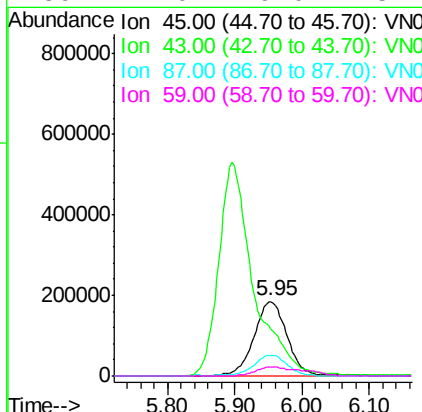
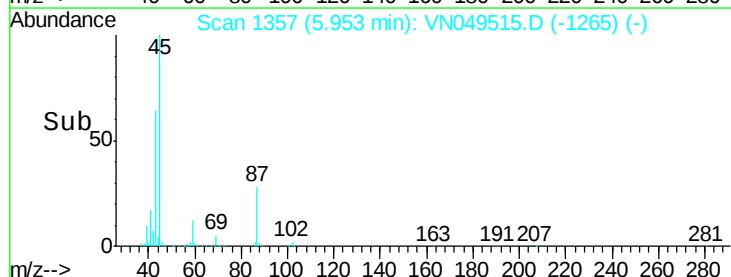
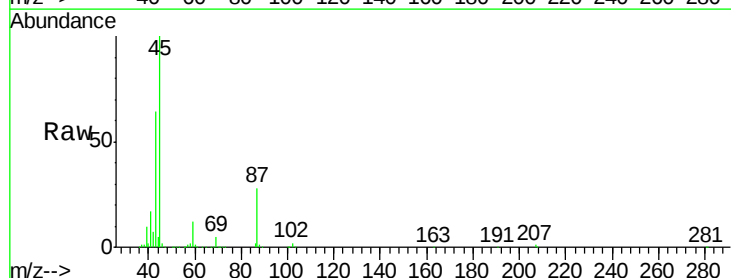
RT: 5.95 min Scan# 1357

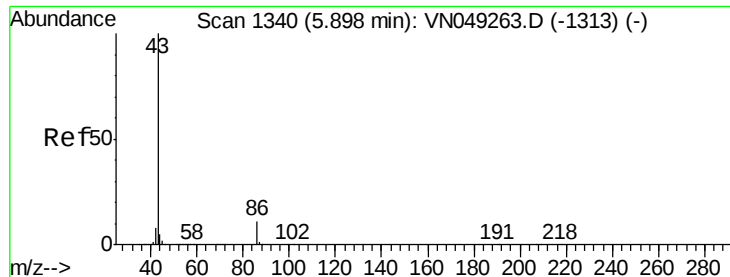
Delta R.T. -0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

Tgt Ion:	45	Resp:	632284
Ion Ratio	Lower	Upper	
45	100		
43	63.1	48.6	72.8
87	27.4	20.2	30.2
59	12.0	9.0	13.4





#23

Vinyl Acetate

Concen: 77.50 ug/l

RT: 5.90 min Scan# 1339

Delta R.T. -0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

Tot Ion: 43 Resp: 1912573

Ion Ratio Lower Upper

43 100

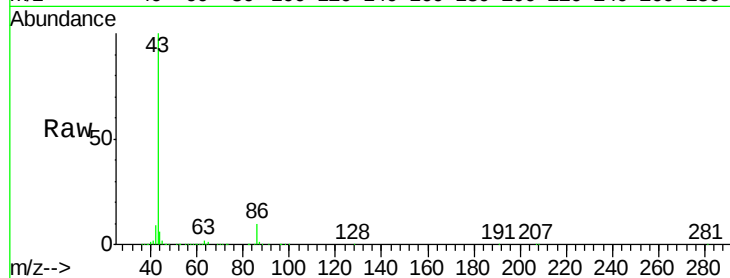
86 10.2 7.2 10.8

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.90

600000

500000

400000

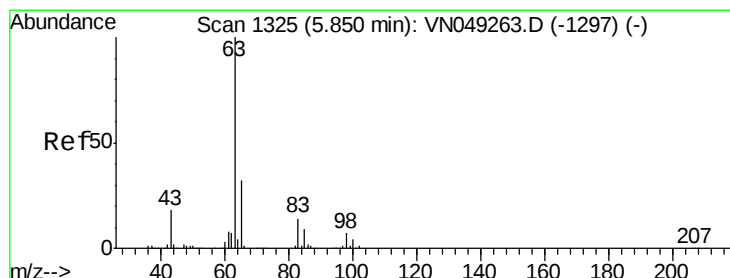
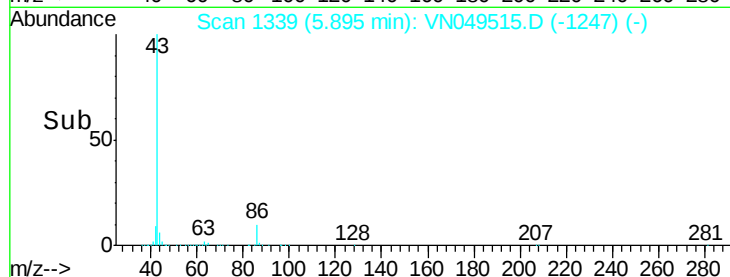
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 16.34 ug/l

RT: 5.85 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

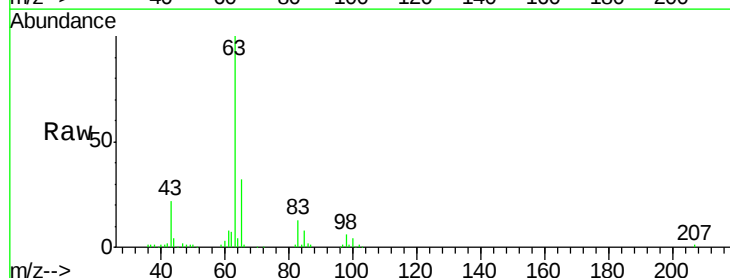
Tgt Ion: 63 Resp: 395987

Ion Ratio Lower Upper

63 100

98 6.4 2.9 8.8

100 4.0 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

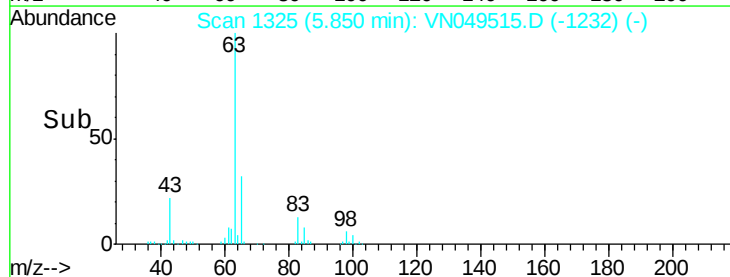
150000

100000

50000

0

Time-->





#25

2-Butanone

Concen: 81.49 ug/l

RT: 6.84 min Scan# 1632

Delta R.T. -0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

Tot Ion: 43 Resp: 368970

Ion Ratio Lower Upper

43 100

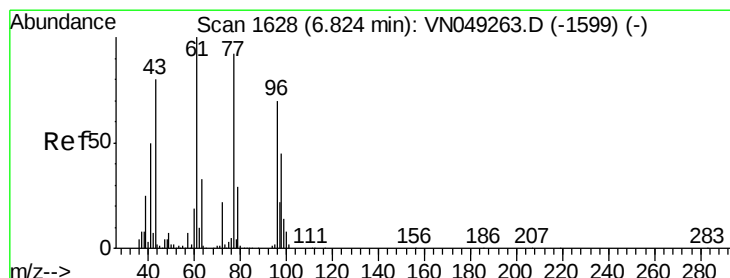
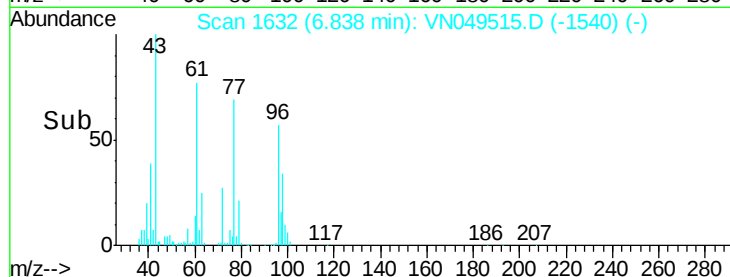
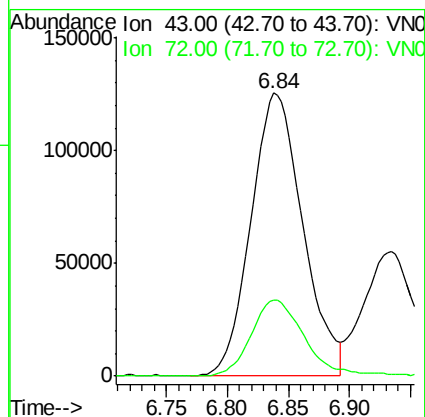
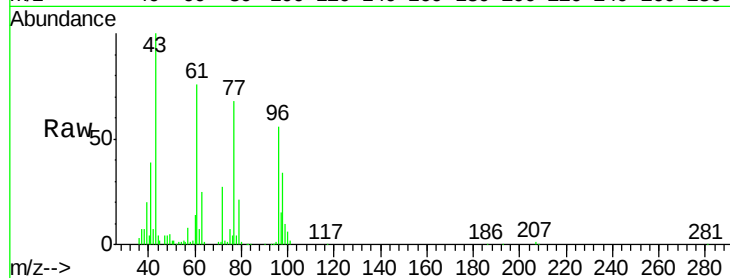
72 26.8 20.2 30.2

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#26

2,2-Dichloropropane

Concen: 17.09 ug/l

RT: 6.82 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VN049515.D

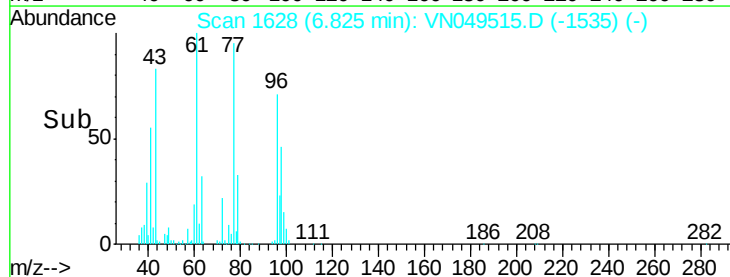
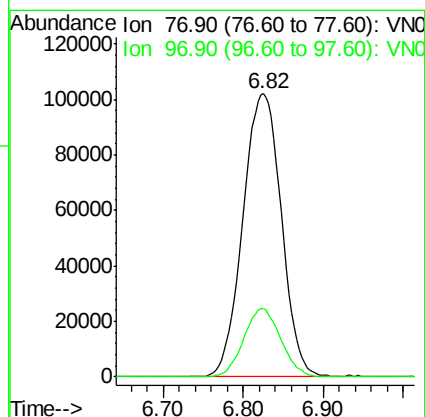
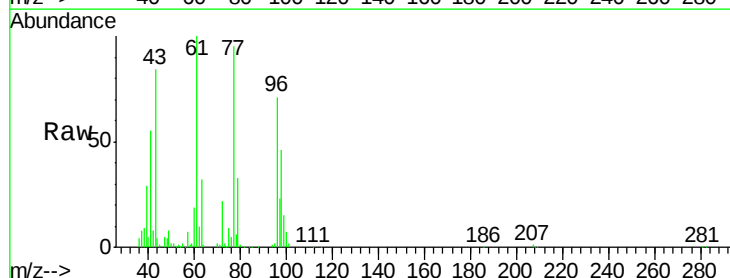
Acq: 25 Jun 2018 16:55

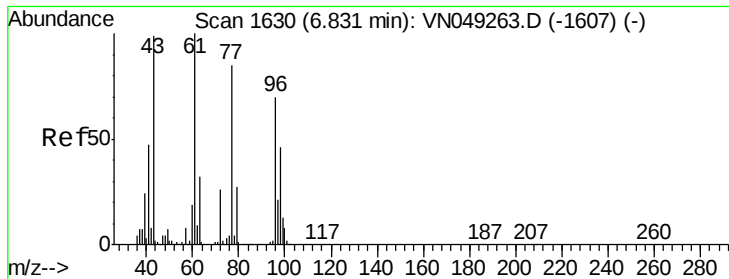
Tgt Ion: 77 Resp: 334342

Ion Ratio Lower Upper

77 100

97 23.2 11.0 33.0





#27

cis-1,2-Dichloroethene

Concen: 16.36 ug/l

RT: 6.83 min Scan# 1629

Delta R.T. -0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

Instrument :

MSVOA_N

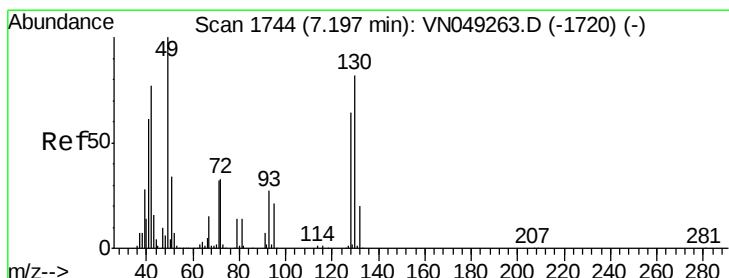
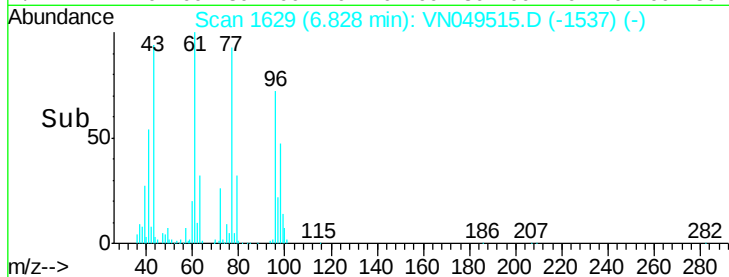
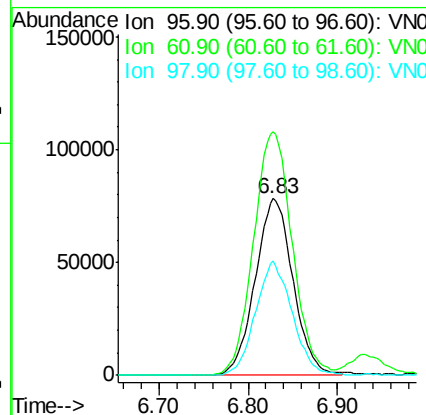
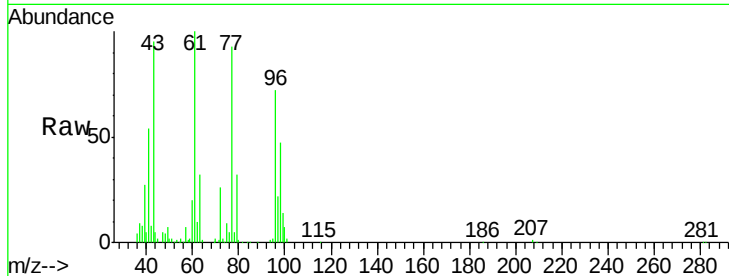
ClientSampleId :

VN0625WBSD01

Tot Ion:	96	Resp:	231186
Ion Ratio	Lower	Upper	
96	100		
61	141.4	0.0	316.4
98	62.8	0.0	128.4

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#28

Bromochloromethane

Concen: 9.28 ug/l

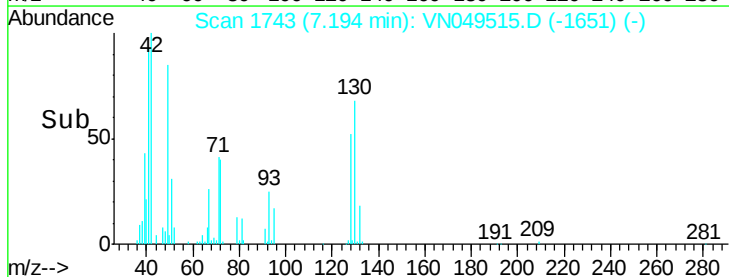
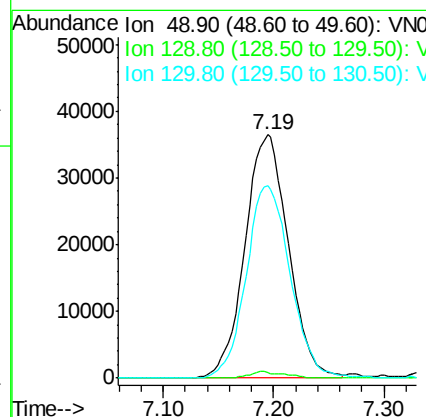
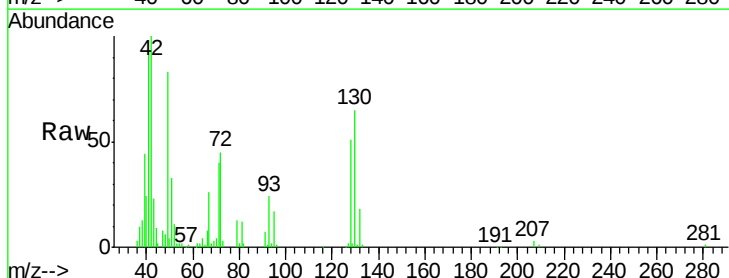
RT: 7.19 min Scan# 1743

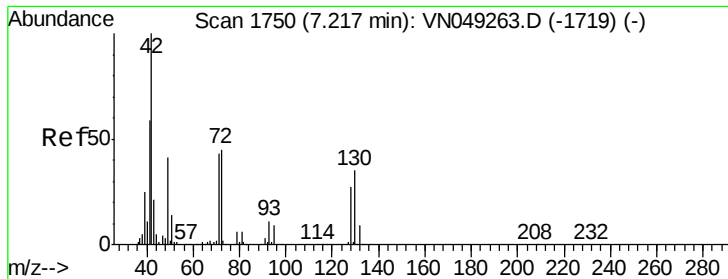
Delta R.T. -0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

Tgt Ion:	49	Resp:	99684
Ion Ratio	Lower	Upper	
49	100		
129	2.1	0.0	3.8
130	80.2	54.9	82.3





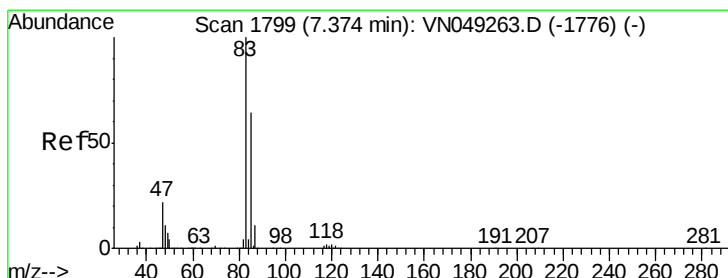
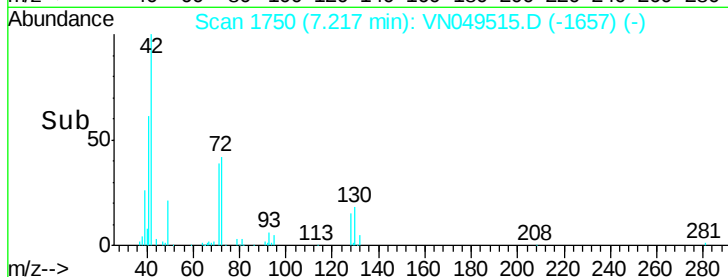
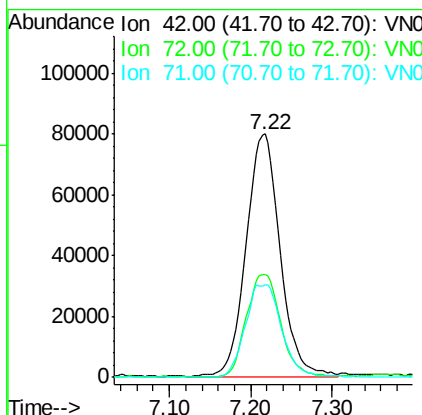
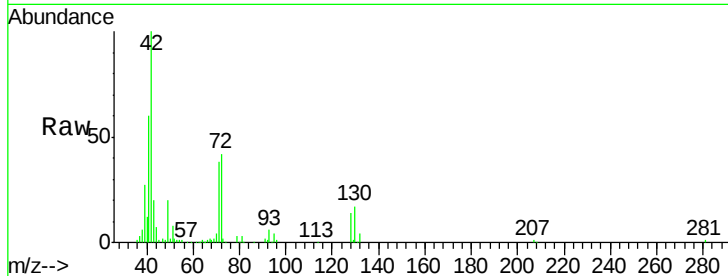
#29
Tetrahydrofuran
Concen: 78.45 ug/l
RT: 7.22 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VN049515.D
Acq: 25 Jun 2018 16:55

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.4	32.2	48.4
71	19.9	30.5	45.7

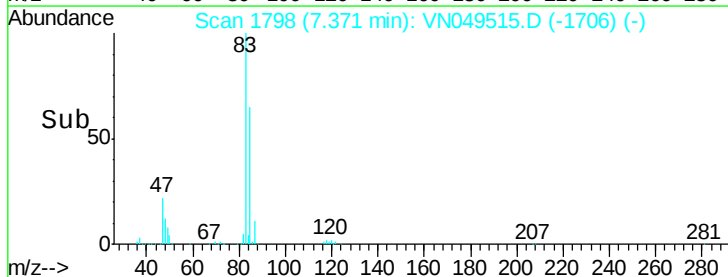
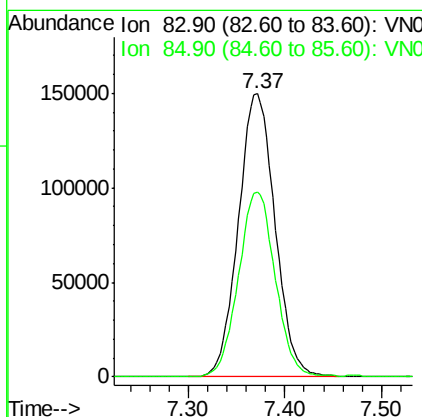
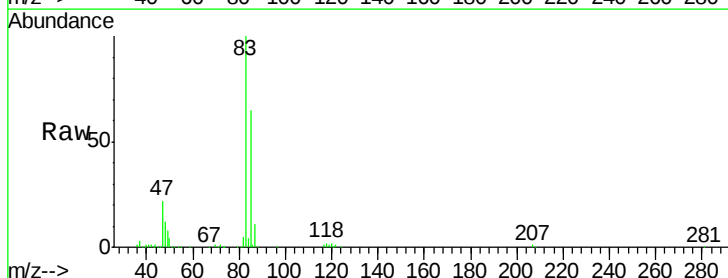
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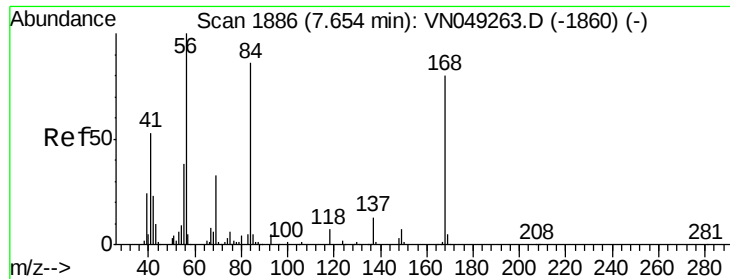
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#30
Chloroform
Concen: 16.35 ug/l
RT: 7.37 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VN049515.D
Acq: 25 Jun 2018 16:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.7	77.5





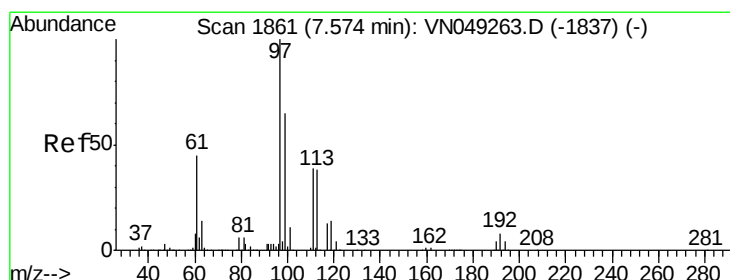
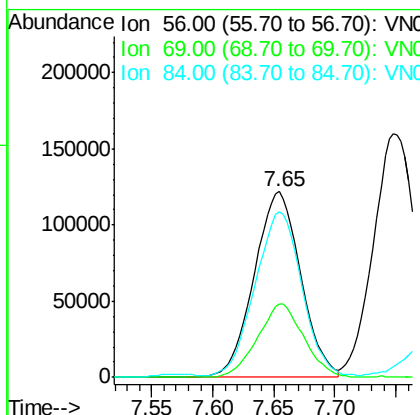
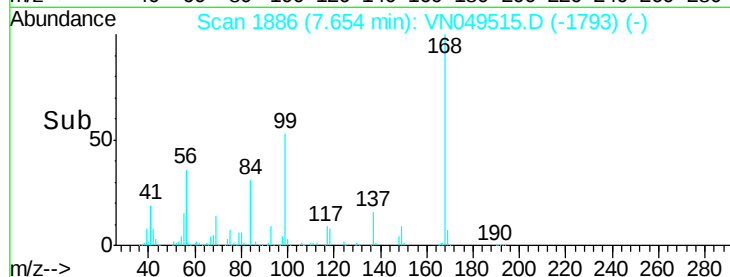
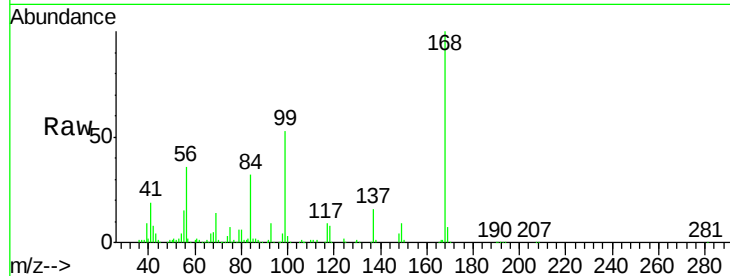
#31
Cyclohexane
Concen: 15.61 ug/l
RT: 7.65 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VN049515.D
Acq: 25 Jun 2018 16:55

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	39.7	25.0	37.4#
84	87.7	64.6	96.8

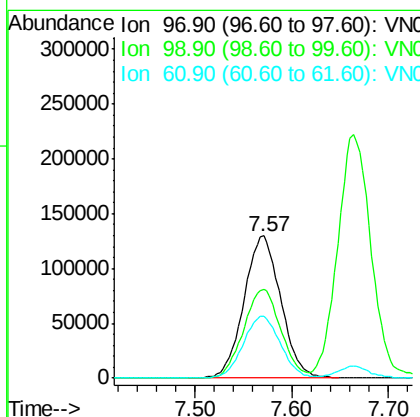
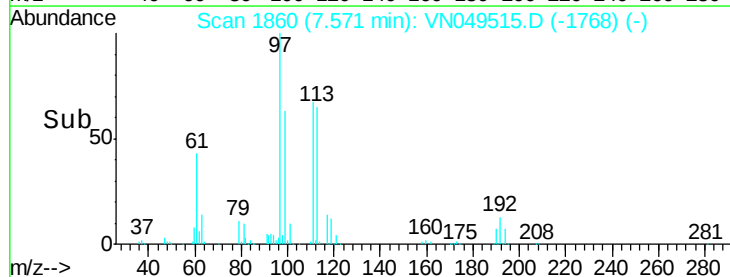
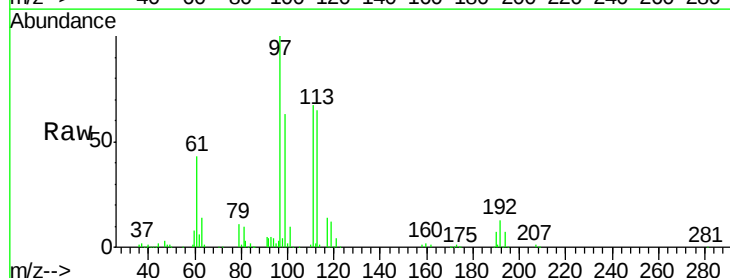
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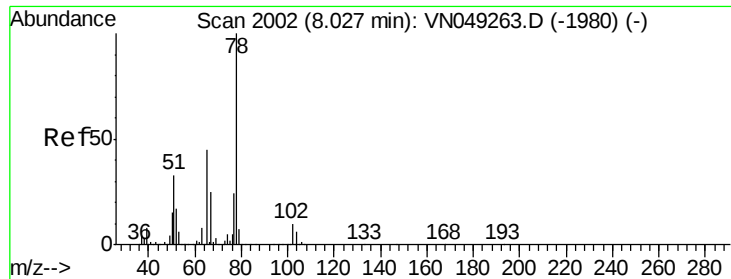
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#32
1,1,1-Trichloroethane
Concen: 16.66 ug/l
RT: 7.57 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VN049515.D
Acq: 25 Jun 2018 16:55

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.1	50.5	75.7
61	43.9	37.9	56.9





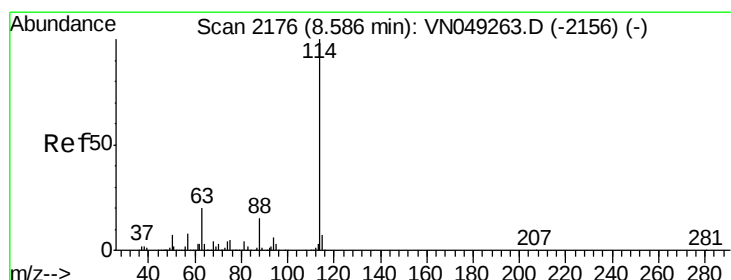
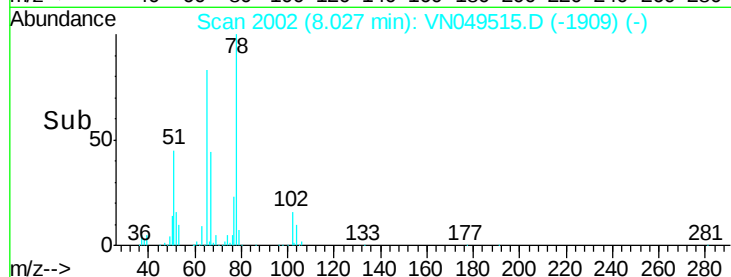
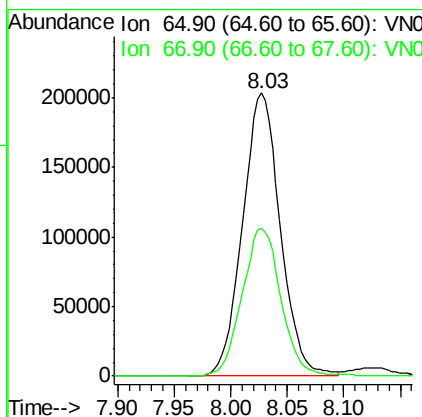
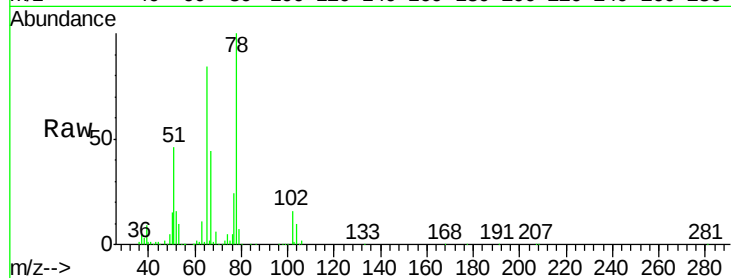
#33
 1,2-Dichloroethane-d4
 Concen: 33.95 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: VN049515.D
 Acq: 25 Jun 2018 16:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.8	0.0	103.8	

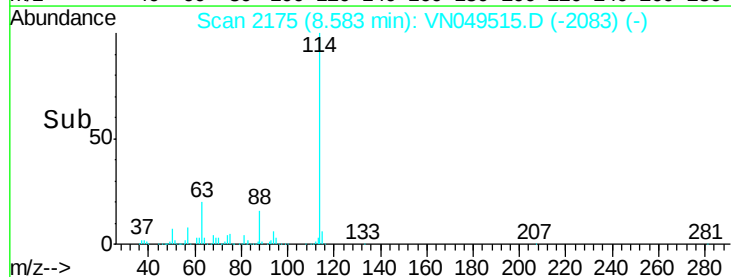
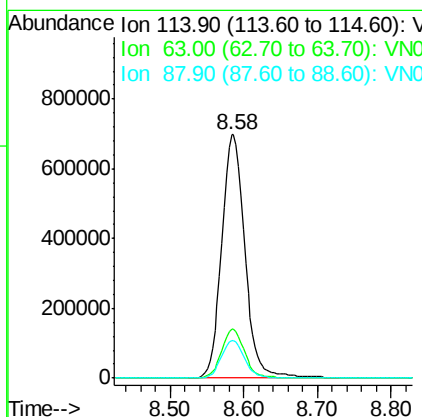
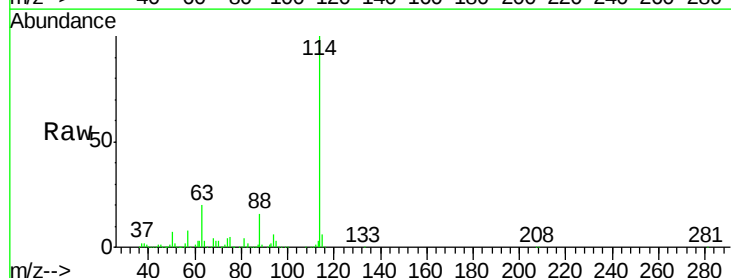
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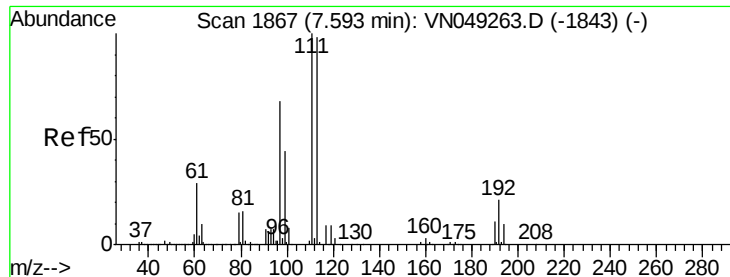
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.58 min Scan# 2175
 Delta R.T. -0.00 min
 Lab File: VN049515.D
 Acq: 25 Jun 2018 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.2	0.0	44.4	
88	15.6	0.0	31.4	





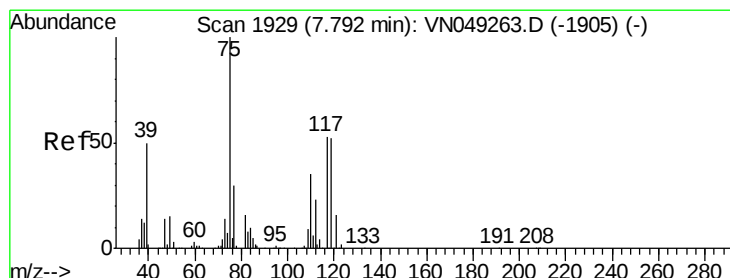
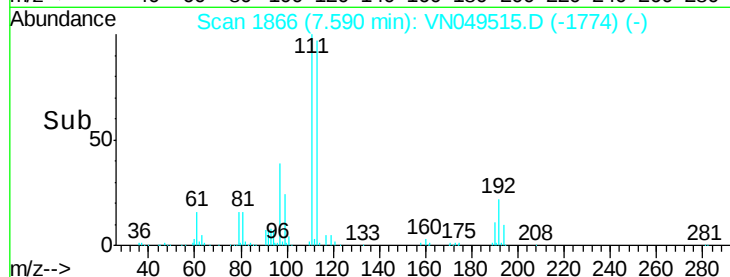
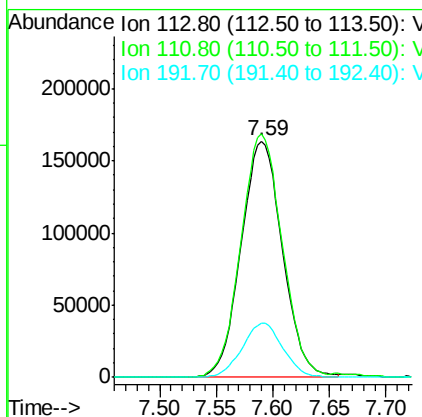
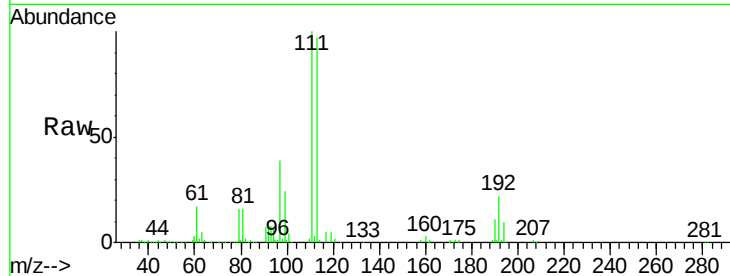
#35
 Dibromofluoromethane
 Concen: 33.59 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN049515.D
 Acq: 25 Jun 2018 16:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	103.0	82.4	123.6	
192	22.7	15.0	22.6	

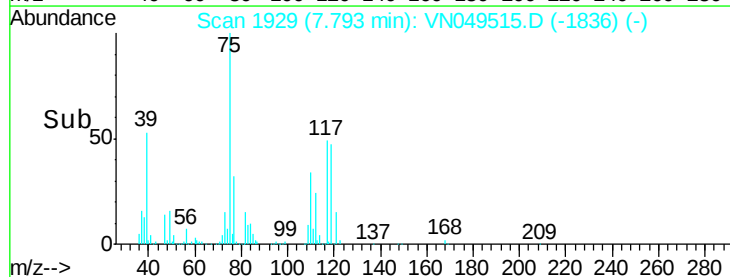
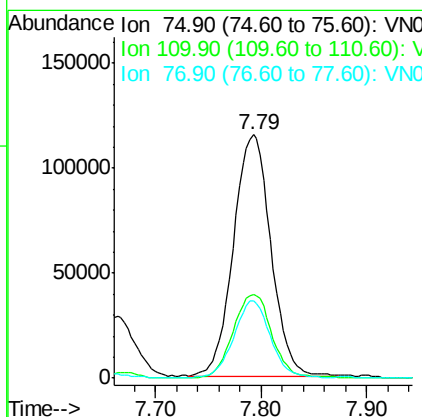
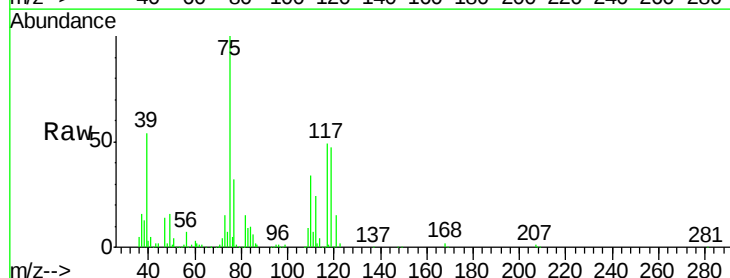
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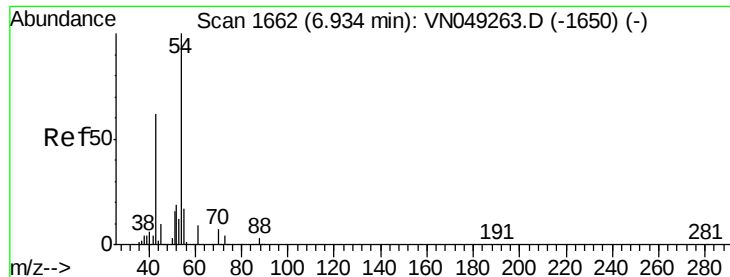
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#36
 1,1-Dichloropropene
 Concen: 16.06 ug/l
 RT: 7.79 min Scan# 1929
 Delta R.T. 0.00 min
 Lab File: VN049515.D
 Acq: 25 Jun 2018 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	36.1	17.0	50.9	
77	31.9	24.4	36.6	





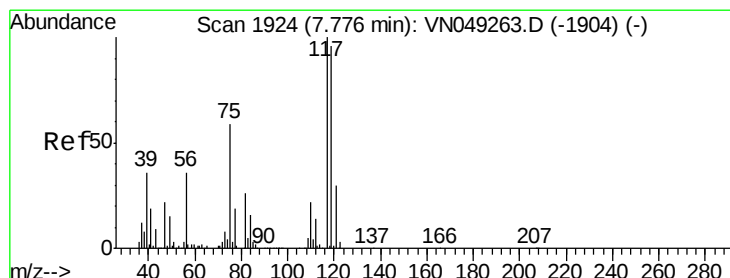
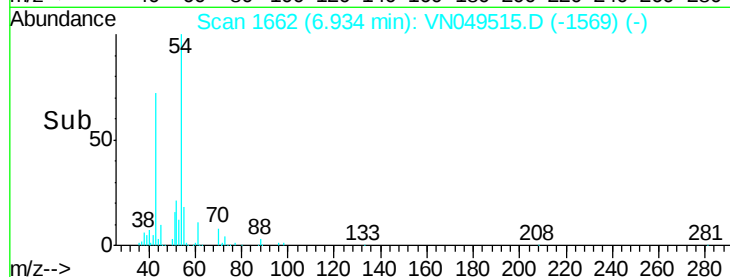
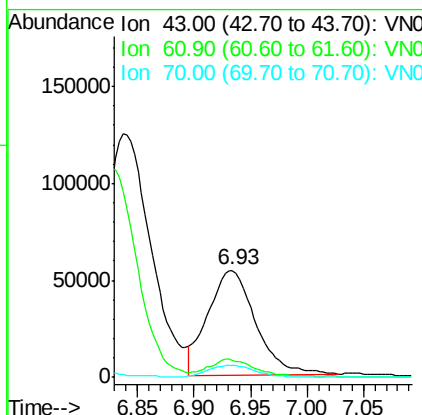
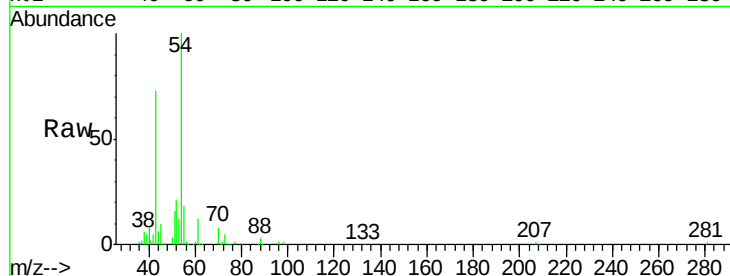
#37
Ethyl Acetate
Concen: 16.60 ug/l
RT: 6.93 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VN049515.D
Acq: 25 Jun 2018 16:55

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

Tot Ion	43	Ratio	100	Resp	158579
Ion	43	100		Lower	Upper
	61	15.8		11.0	16.4
	70	11.4		7.2	10.8

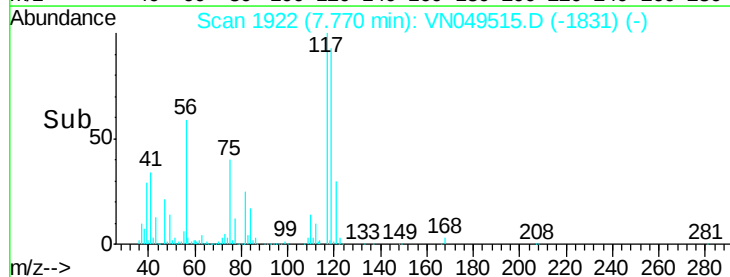
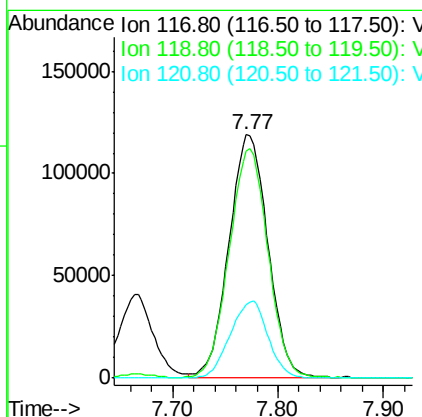
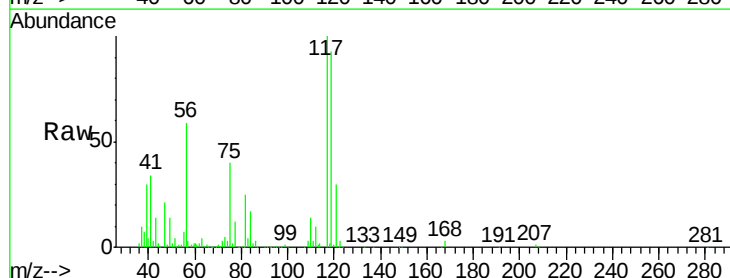
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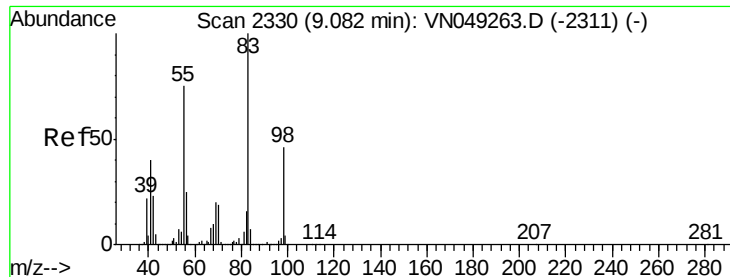
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#38
Carbon Tetrachloride
Concen: 16.69 ug/l
RT: 7.77 min Scan# 1922
Delta R.T. -0.01 min
Lab File: VN049515.D
Acq: 25 Jun 2018 16:55

Tgt Ion	117	Ratio	100	Resp	303647
Ion	117	100		Lower	Upper
	119	93.0		75.6	113.4
	121	30.3		24.7	37.1





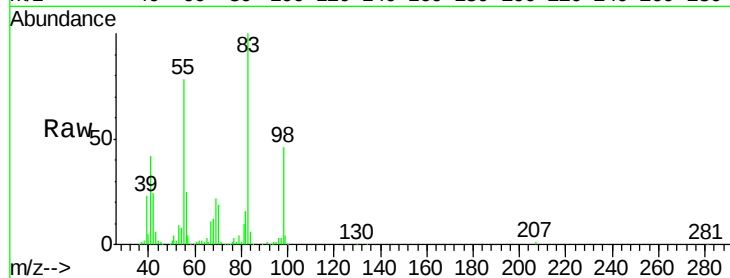
#39
Methvlcvclohexane
Concen: 15.77 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN049515.D
Acq: 25 Jun 2018 16:55

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

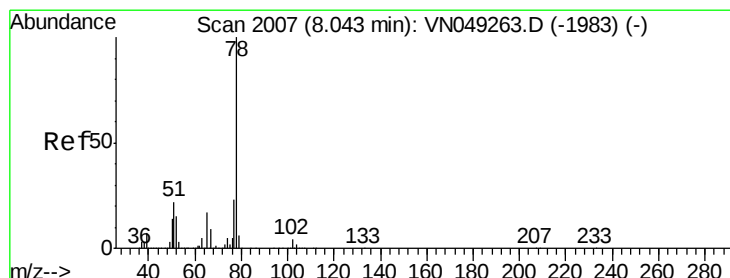
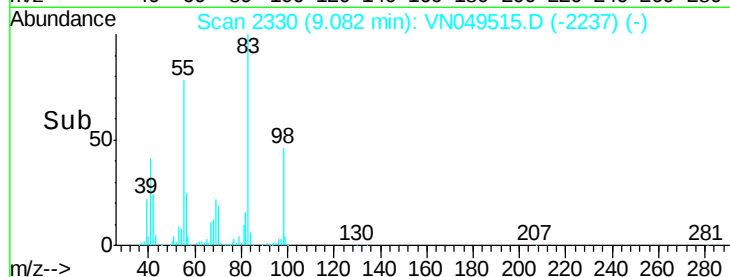
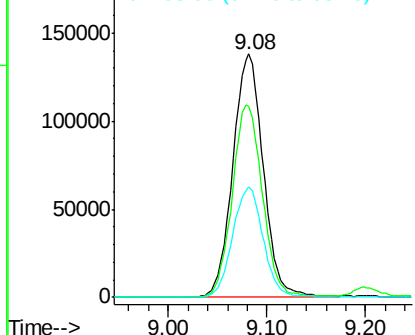
Tot Ion	Ratio	Lower	Upper
83	100		
55	78.1	65.1	97.7
98	45.5	36.5	54.7

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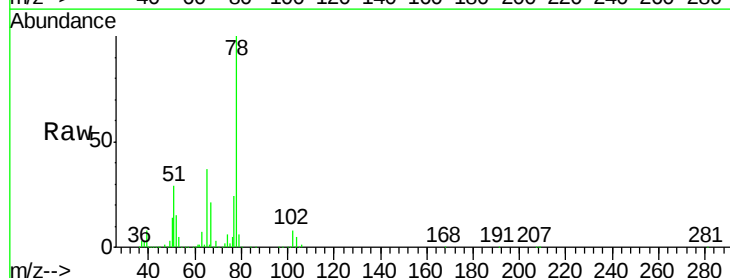


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

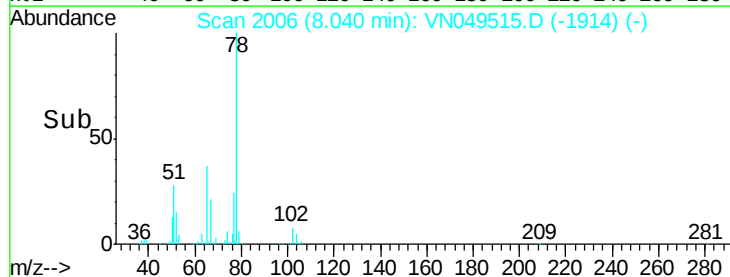
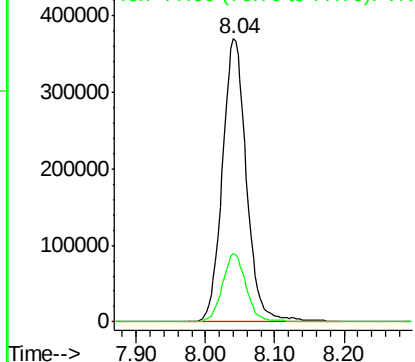


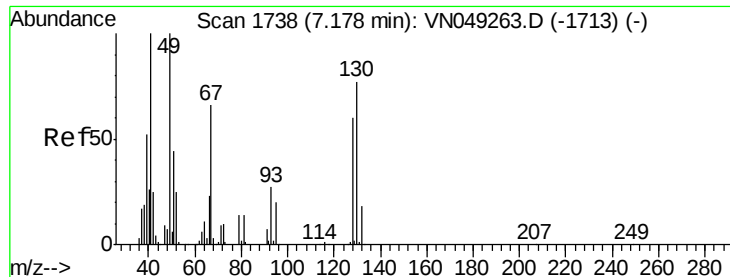
#40
Benzene
Concen: 16.61 ug/l
RT: 8.04 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VN049515.D
Acq: 25 Jun 2018 16:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.4	29.0



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0





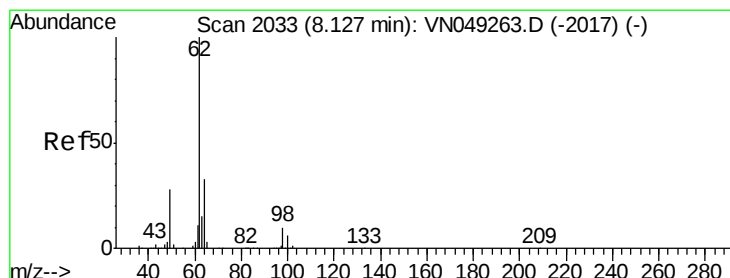
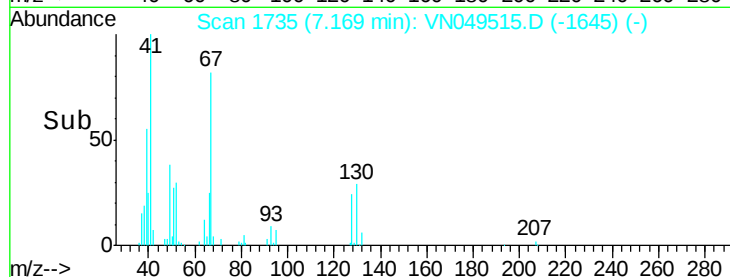
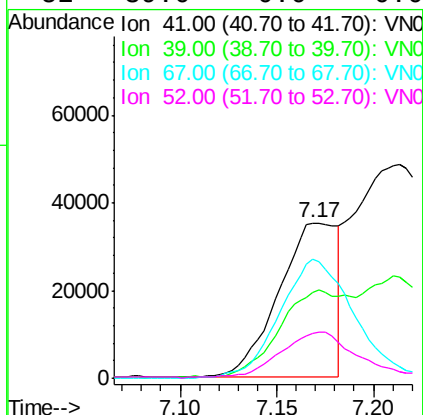
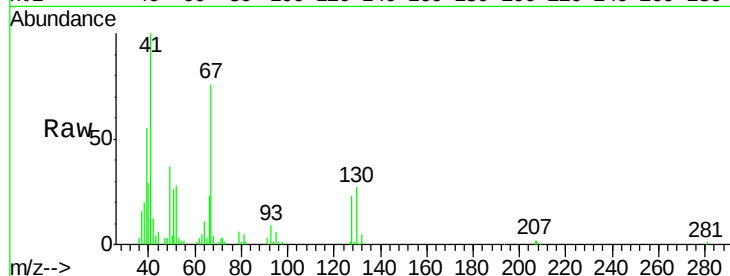
#41
Methacrylonitrile
Concen: 14.34 ug/l
RT: 7.17 min Scan# 1735
Delta R.T. -0.01 min
Lab File: VN049515.D
Acq: 25 Jun 2018 16:55

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

Tot Ion	41	Resp	74073
Ion	Ratio	Lower	Upper
41	100		
39	54.5	0.0	0.0#
67	99.8	0.0	0.0#
52	39.0	0.0	0.0#

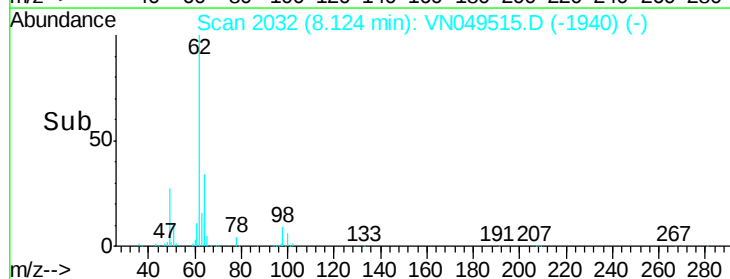
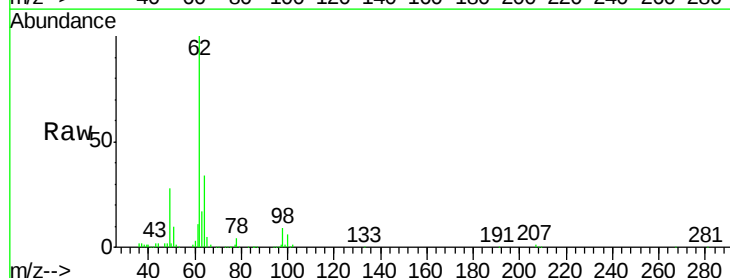
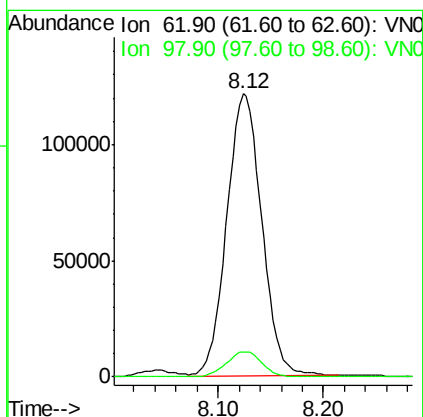
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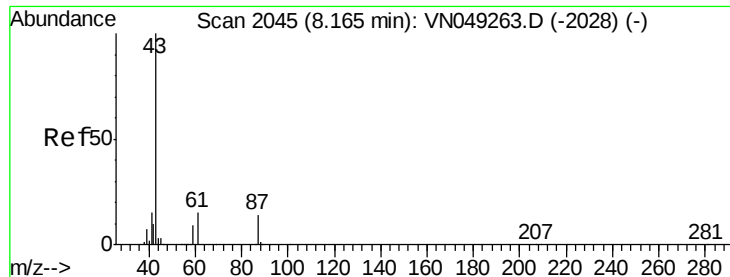
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#42
1,2-Dichloroethane
Concen: 16.76 ug/l
RT: 8.12 min Scan# 2032
Delta R.T. -0.00 min
Lab File: VN049515.D
Acq: 25 Jun 2018 16:55

Tgt Ion	62	Resp	279019
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	16.2





#43

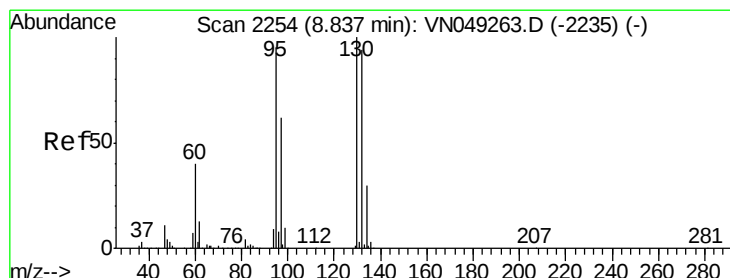
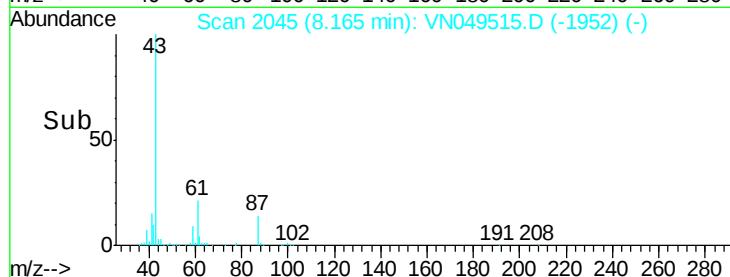
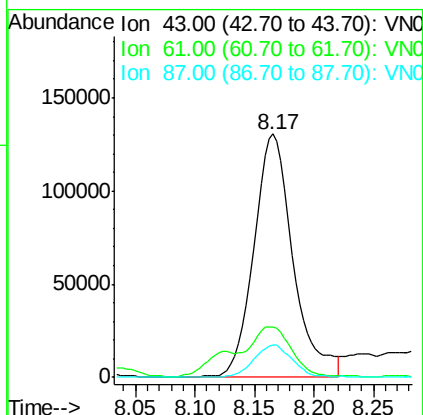
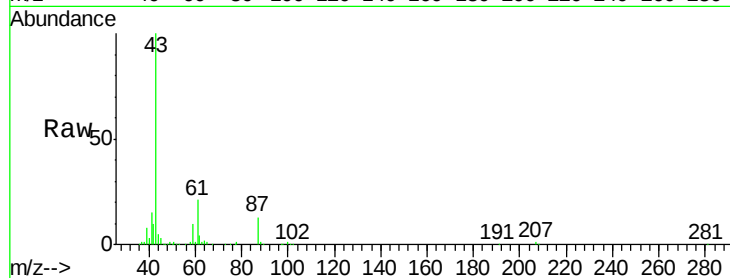
Isopropyl Acetate
 Concen: 16.26 ug/l
 RT: 8.17 min Scan# 2045
 Delta R.T. 0.00 min
 Lab File: VN049515.D
 Acq: 25 Jun 2018 16:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
43	100	296858		
61	20.7		14.2	21.4
87	13.1		9.4	14.0

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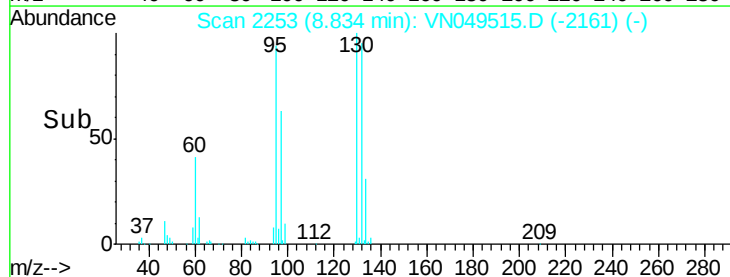
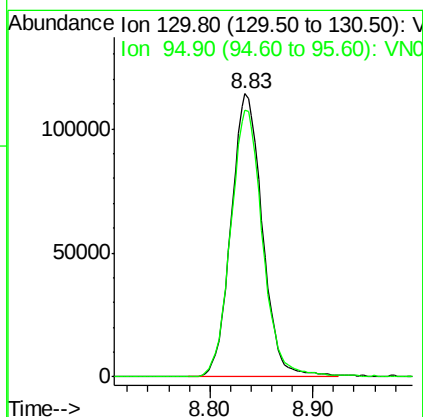
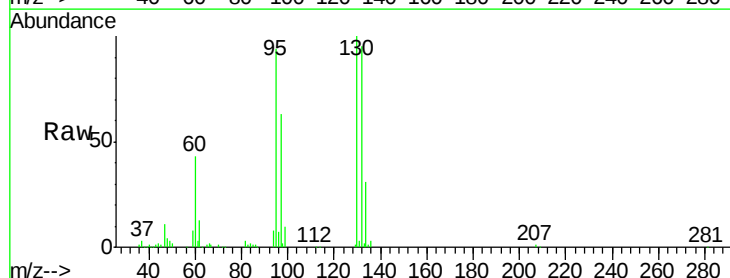
apatel
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#44

Trichloroethene
 Concen: 16.94 ug/l
 RT: 8.83 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VN049515.D
 Acq: 25 Jun 2018 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	240998		
95	94.1		0.0	208.6





#45

1,2-Dichloropropane

Concen: 16.77 ug/l

RT: 9.12 min Scan# 2342

Delta R.T. 0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

Tot Ion: 63 Resp: 236593

Ion Ratio Lower Upper

63 100

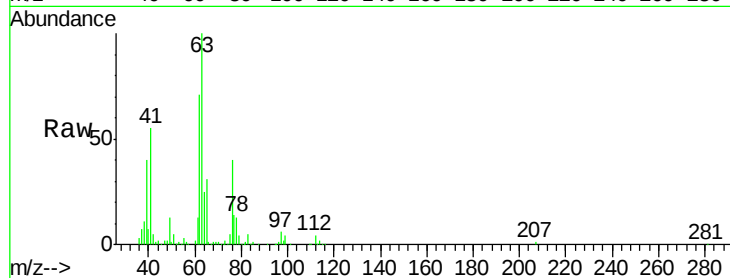
65 30.8 24.8 37.2

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Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

120000

100000

80000

60000

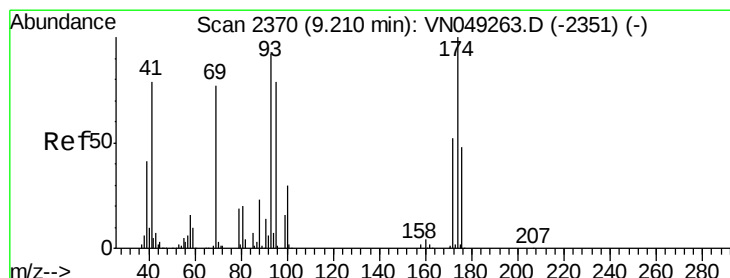
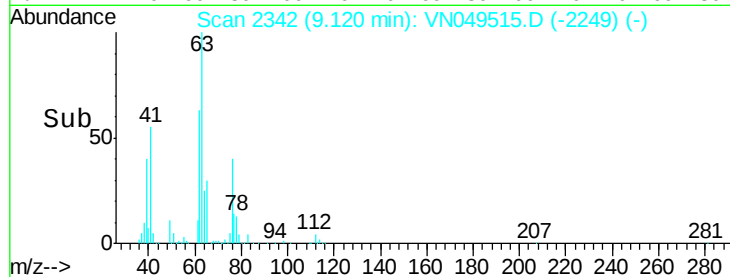
40000

20000

0

9.00 9.10 9.20

Time-->



#46

Dibromomethane

Concen: 16.64 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

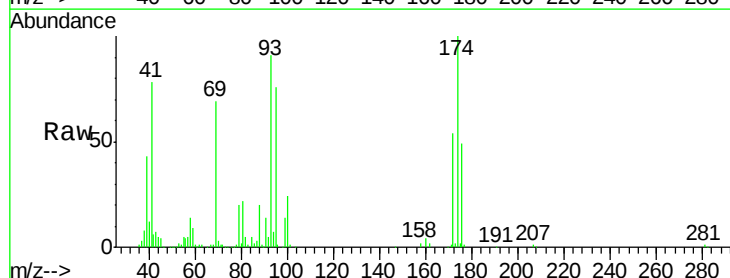
Tgt Ion: 93 Resp: 136132

Ion Ratio Lower Upper

93 100

95 83.8 67.2 100.8

174 111.0 75.6 113.4



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

80000

60000

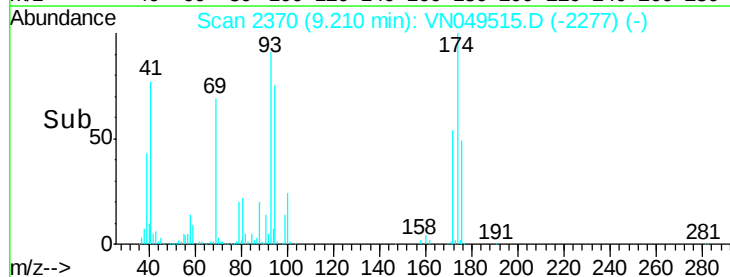
40000

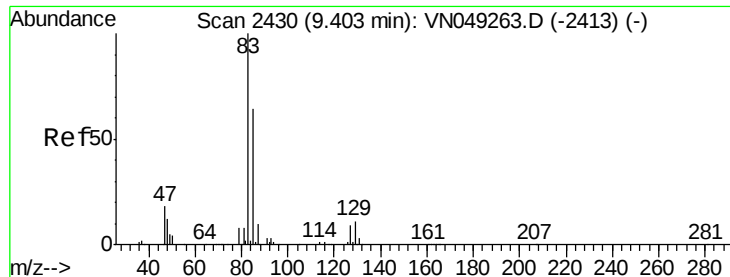
20000

0

9.10 9.20 9.30

Time-->





#47

Bromodichloromethane

Concen: 16.61 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

Instrument :

MSVOA_N

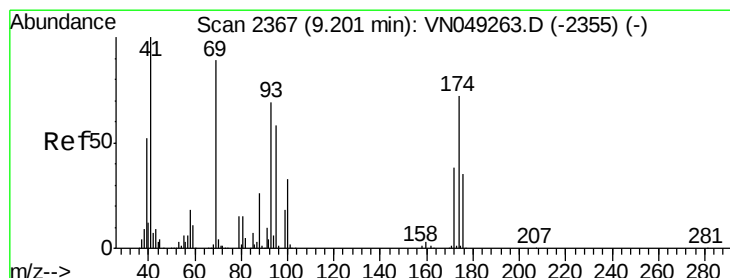
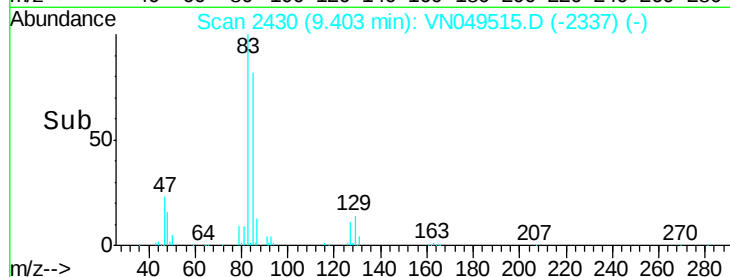
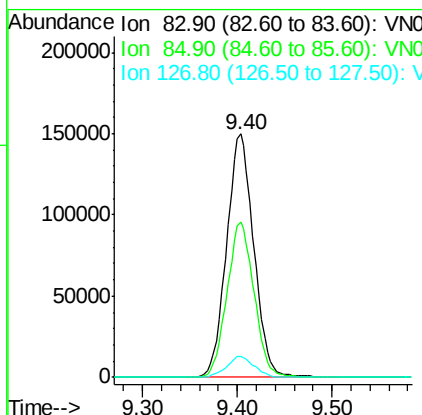
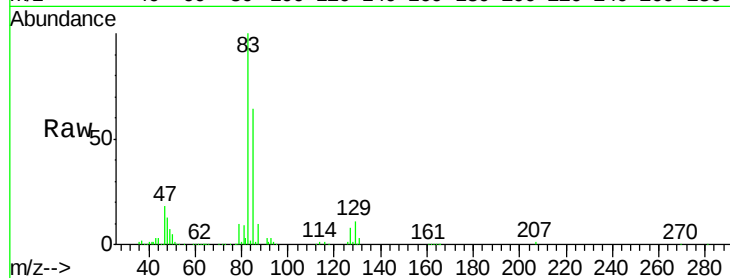
ClientSampleId :

VN0625WBSD01

Tot Ion:	83	Resp:	298713
Ion Ratio	Lower	Upper	
83	100		
85	64.0	49.4	74.0
127	8.5	6.3	9.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 16.04 ug/l

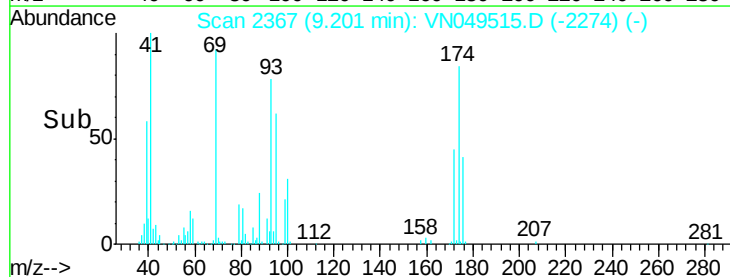
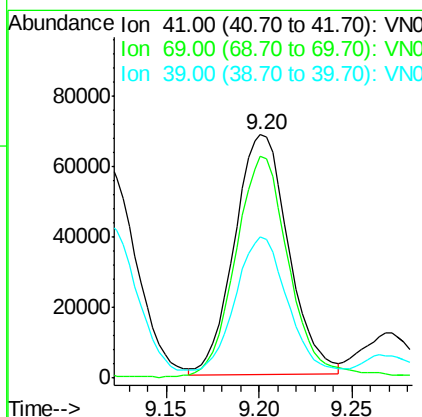
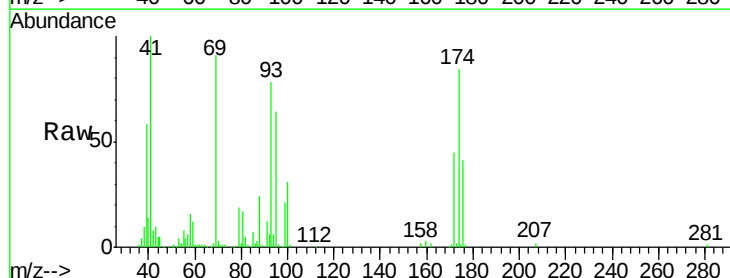
RT: 9.20 min Scan# 2367

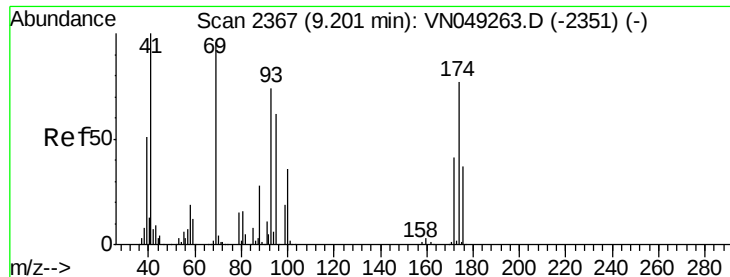
Delta R.T. 0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

Tgt Ion:	41	Resp:	137898
Ion Ratio	Lower	Upper	
41	100		
69	91.2	62.0	93.0
39	57.6	50.6	75.8





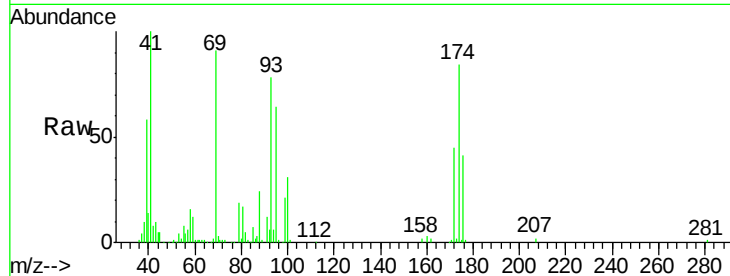
#49
1,4-Dioxane
Concen: 309.23 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. 0.00 min
Lab File: VN049515.D
Acq: 25 Jun 2018 16:55

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.9	30.9	46.3
58	72.1	58.9	88.3

Manual Integrations
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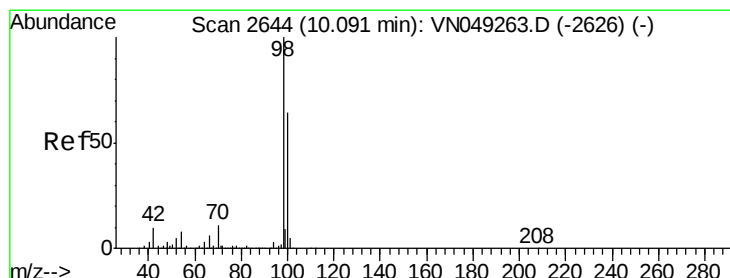
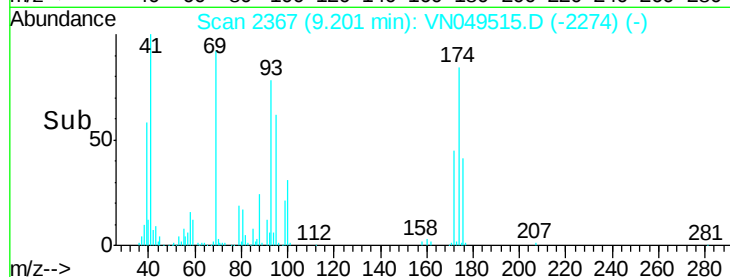
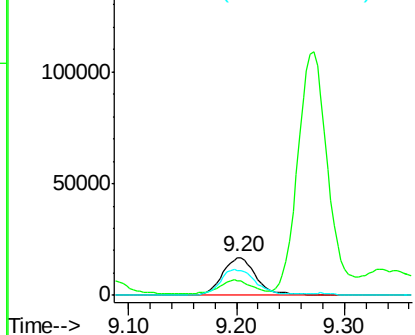
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Abundance Ion 88.00 (87.70 to 88.70): VN049515.D (-2274) (-)

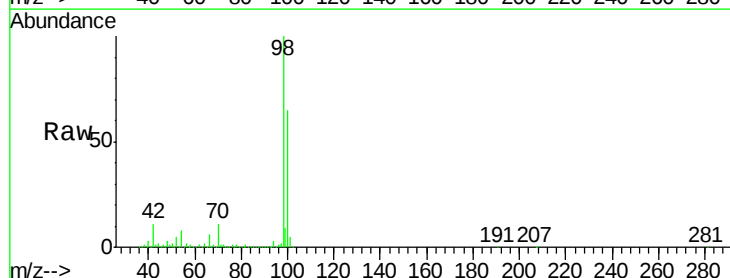
Ion 43.00 (42.70 to 43.70): VN049515.D (-2274) (-)

Ion 58.00 (57.70 to 58.70): VN049515.D (-2274) (-)



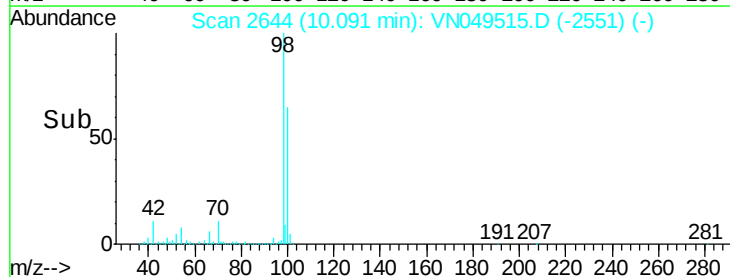
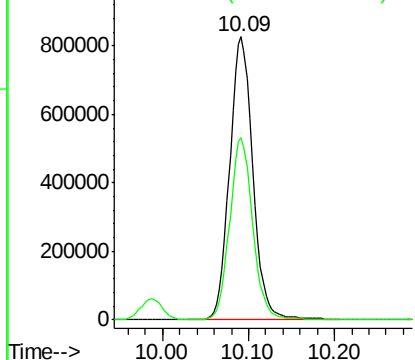
#50
Toluene-d8
Concen: 32.80 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049515.D
Acq: 25 Jun 2018 16:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	49.8	74.8



Abundance Ion 98.00 (97.70 to 98.70): VN049515.D (-2551) (-)

Ion 100.00 (99.70 to 100.70): VN049515.D (-2551) (-)





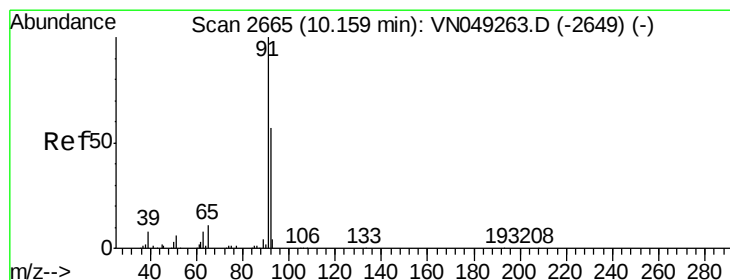
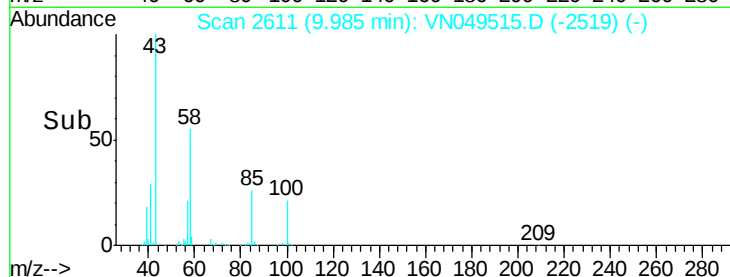
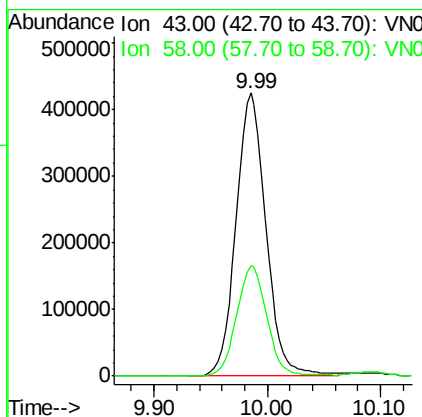
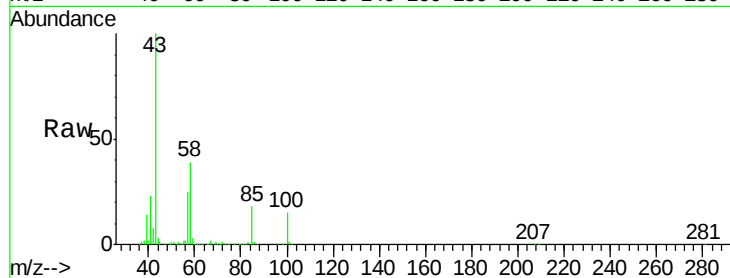
#51
4-Methyl-2-Pentanone
Concen: 81.54 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. -0.00 min
Lab File: VN049515.D
Acq: 25 Jun 2018 16:55

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

Tot Ion: 43 Resp: 780230
Ion Ratio Lower Upper
43 100
58 39.8 29.0 43.6

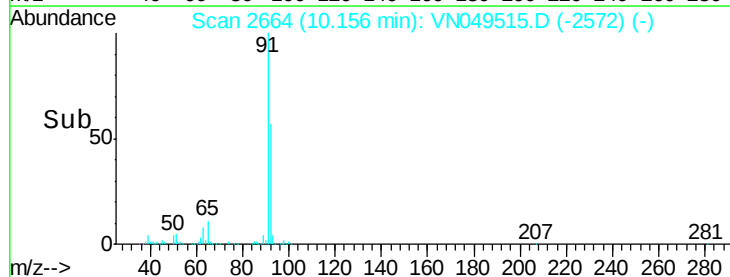
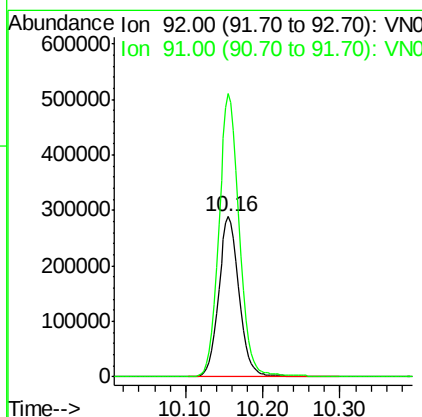
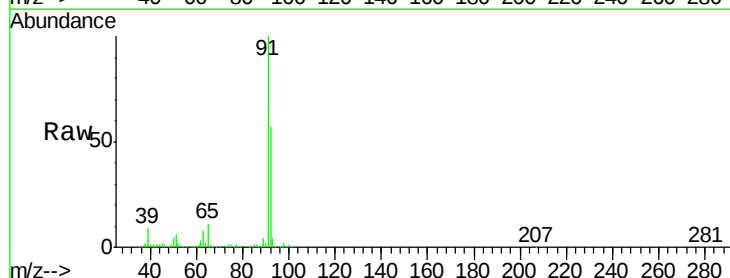
Manual Integrations
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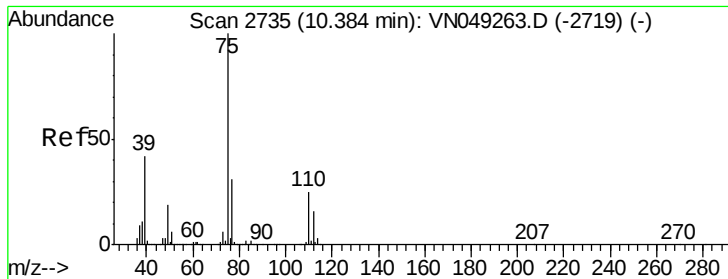
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#52
Toluene
Concen: 16.97 ug/l
RT: 10.16 min Scan# 2664
Delta R.T. -0.00 min
Lab File: VN049515.D
Acq: 25 Jun 2018 16:55

Tgt Ion: 92 Resp: 536582
Ion Ratio Lower Upper
92 100
91 175.7 143.4 215.2





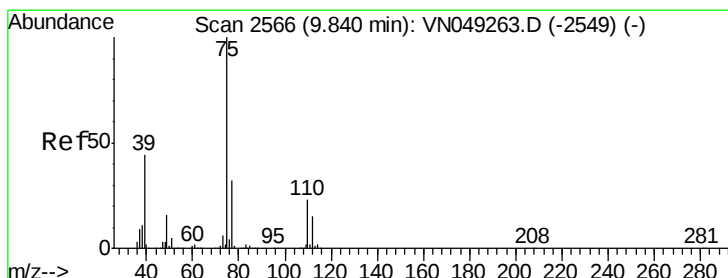
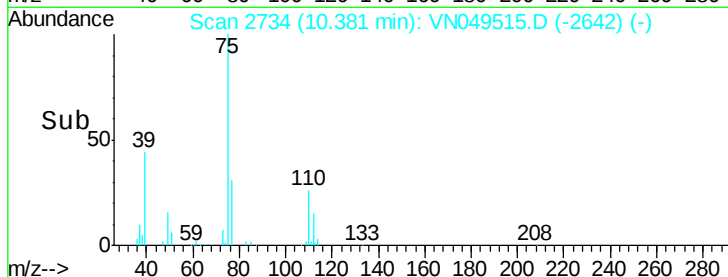
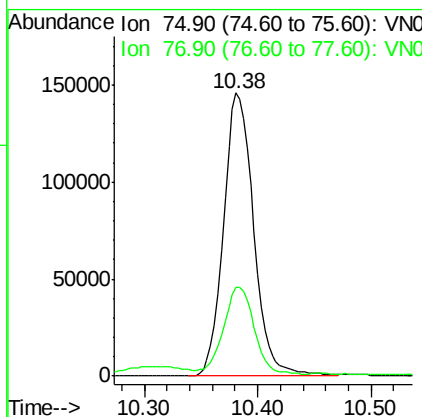
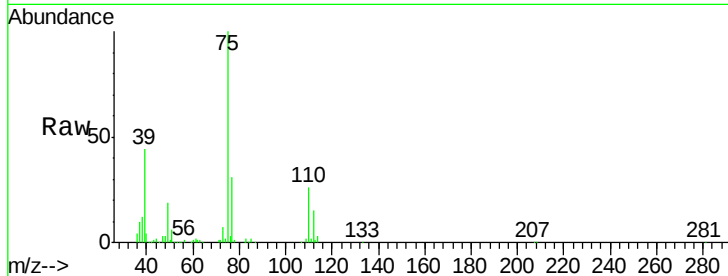
#53
 t-1,3-Dichloropropene
 Concen: 15.68 ug/l
 RT: 10.38 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN049515.D
 Acq: 25 Jun 2018 16:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

Tot Ion: 75 Resp: 269740
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.2 37.8

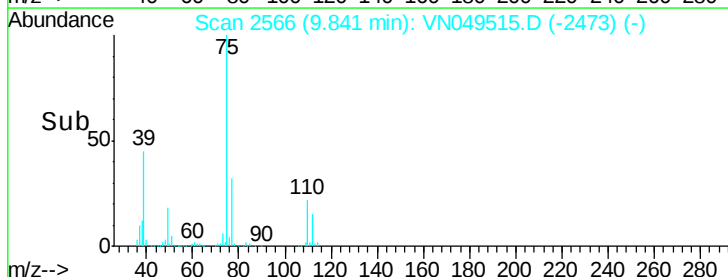
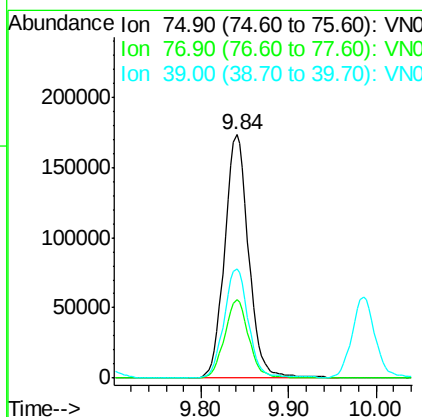
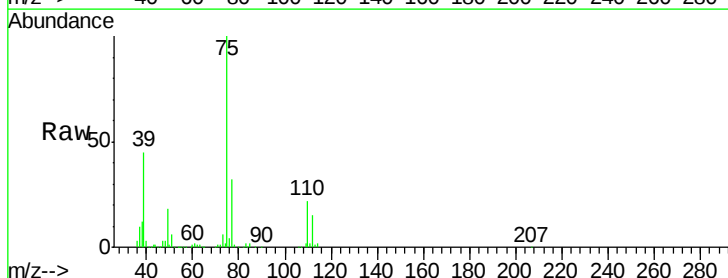
Manual Integrations
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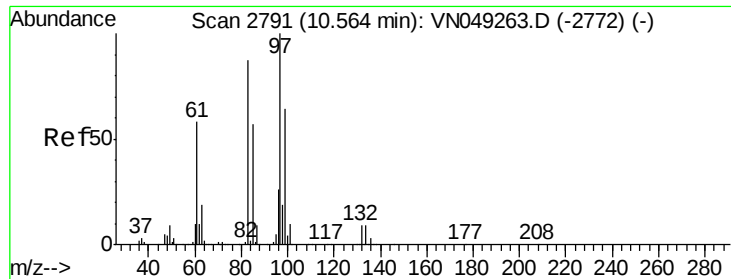
apatel
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#54
 cis-1,3-Dichloropropene
 Concen: 16.25 ug/l
 RT: 9.84 min Scan# 2566
 Delta R.T. 0.00 min
 Lab File: VN049515.D
 Acq: 25 Jun 2018 16:55

Tgt Ion: 75 Resp: 330004
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.8 37.2
 39 44.8 45.1 67.7#





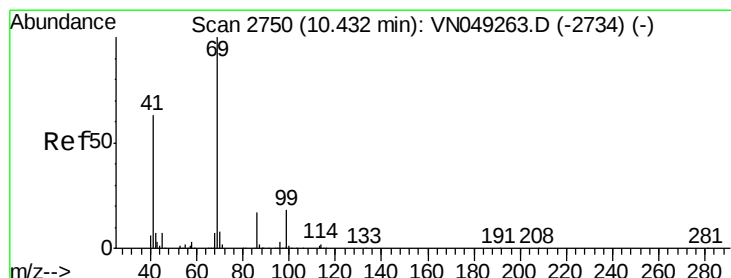
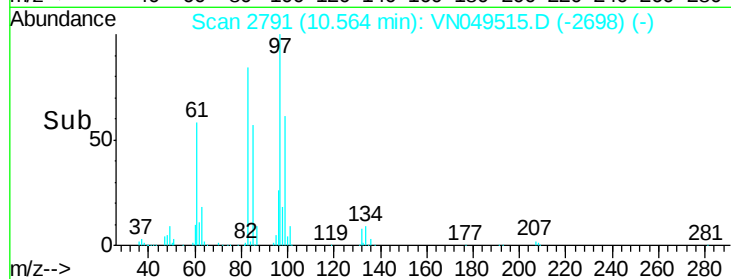
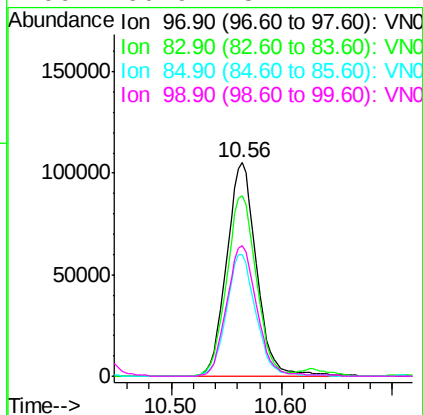
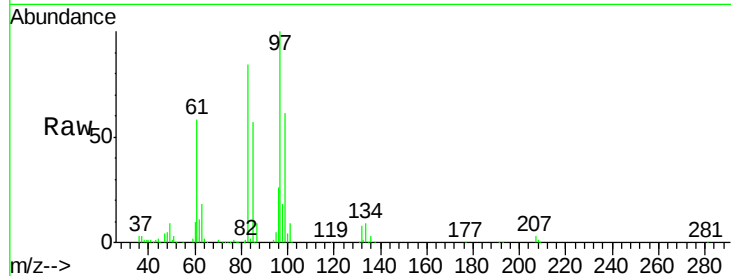
#55
 1,1,2-Trichloroethane
 Concen: 16.76 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN049515.D
 Acq: 25 Jun 2018 16:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

Tot Ion	Ratio	Lower	Upper
97	100		
83	84.4	71.5	107.3
85	57.1	47.0	70.4
99	60.9	51.4	77.2

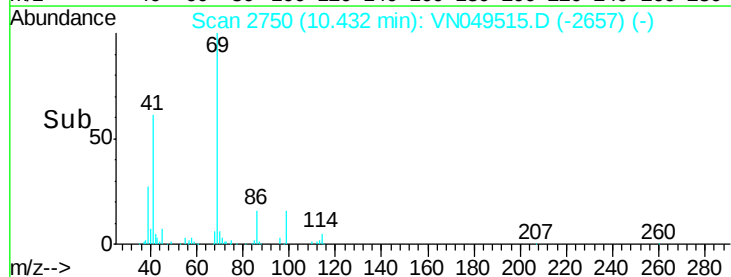
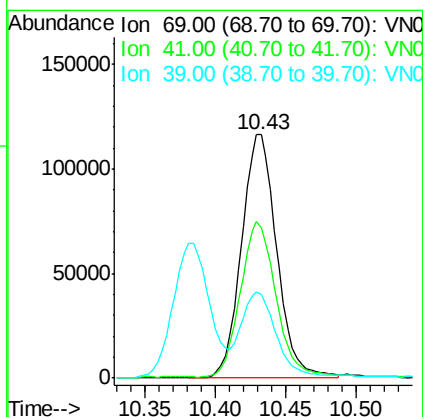
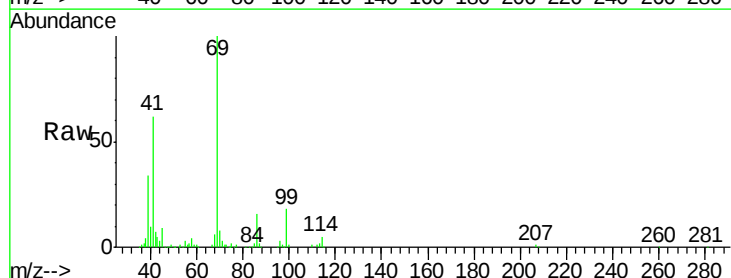
Manual Integrations
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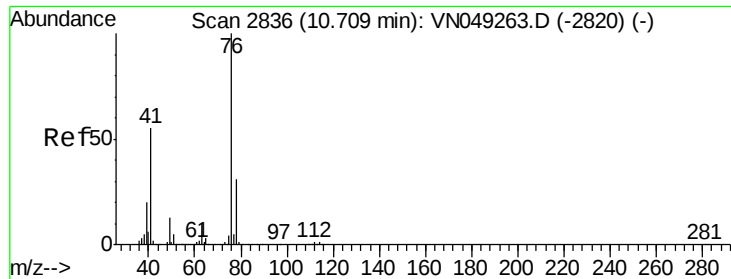
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#56
 Ethyl methacrylate
 Concen: 15.01 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN049515.D
 Acq: 25 Jun 2018 16:55

Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.5	58.4	87.6
39	35.3	35.5	53.3#





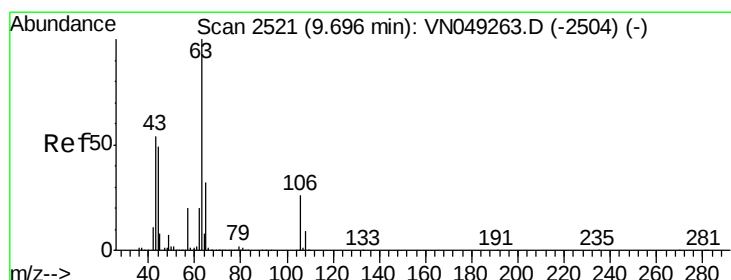
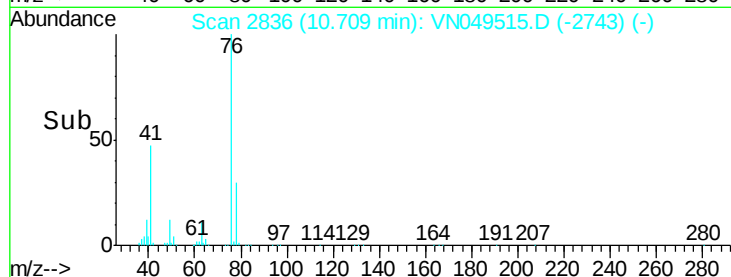
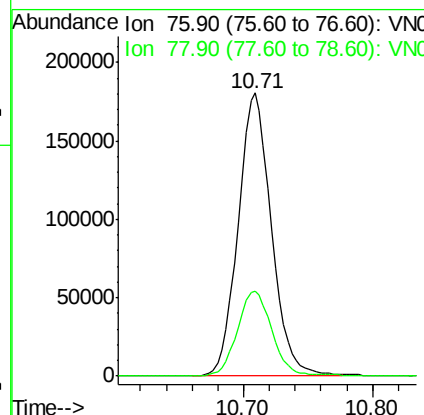
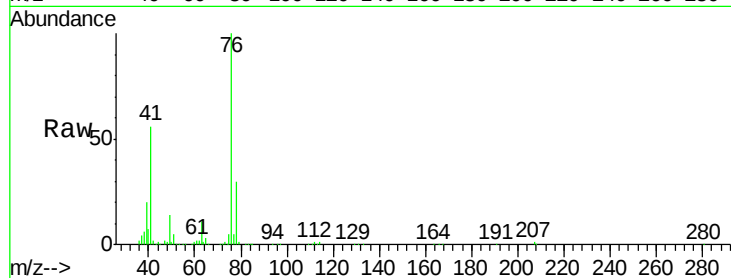
#57
 1,3-Dichloropropane
 Concen: 16.57 ug/l
 RT: 10.71 min Scan# 2836
 Delta R.T. 0.00 min
 Lab File: VN049515.D
 Acq: 25 Jun 2018 16:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.4	26.3	39.5

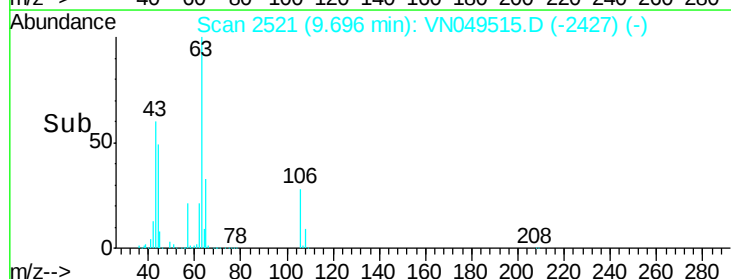
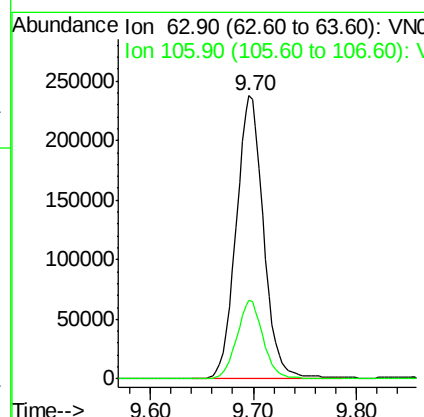
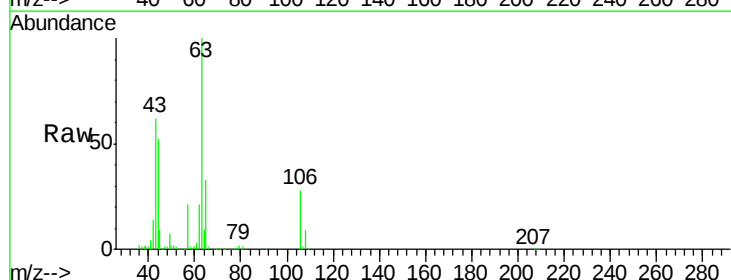
Manual Integrations
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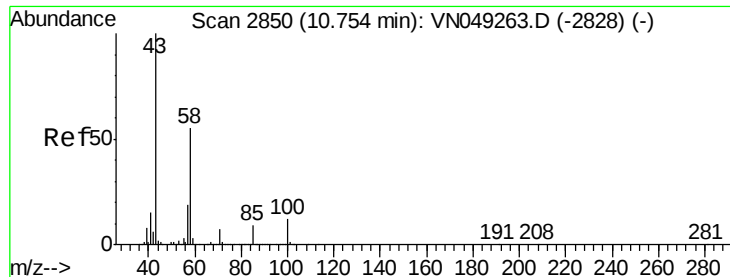
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#58
 2-Chloroethyl Vinyl ether
 Concen: 99.55 ug/l
 RT: 9.70 min Scan# 2521
 Delta R.T. 0.00 min
 Lab File: VN049515.D
 Acq: 25 Jun 2018 16:55

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.4	19.4	29.2





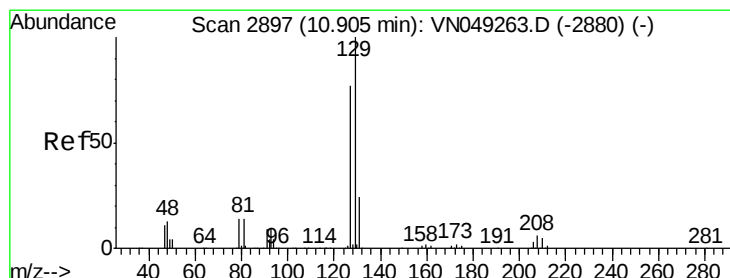
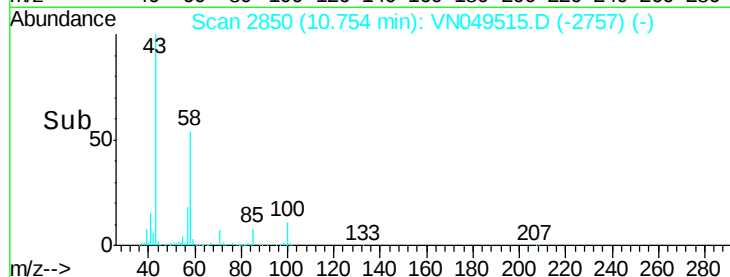
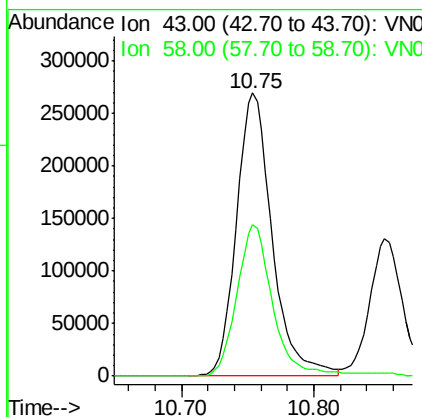
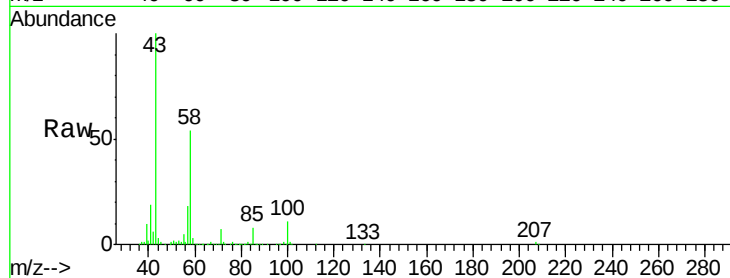
#59
2-Hexanone
Concen: 81.25 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049515.D
Acq: 25 Jun 2018 16:55

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.7	25.2	75.6

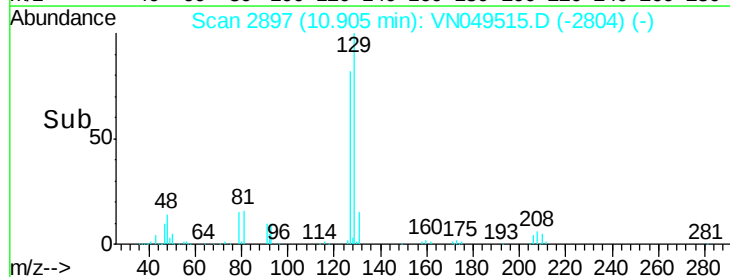
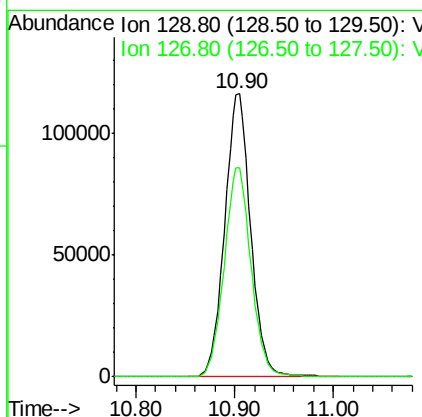
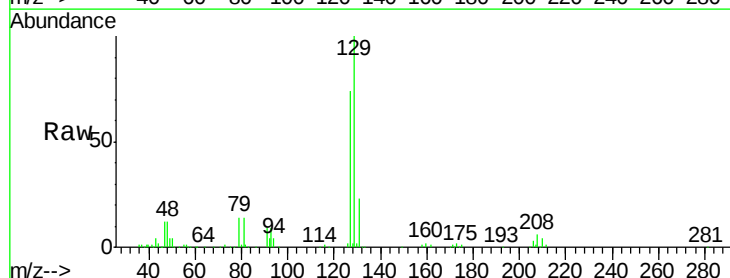
Manual Integrations
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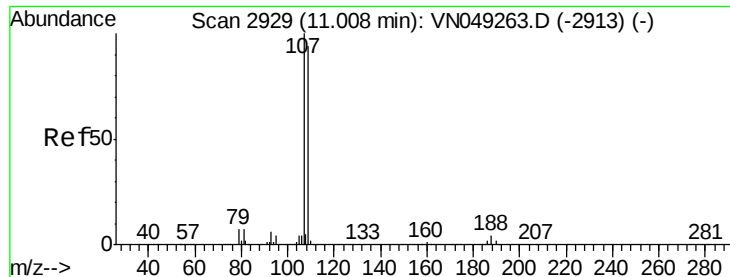
apatel
6/26/2018 5:14:15 PM



#60
Dibromochloromethane
Concen: 16.29 ug/l
RT: 10.90 min Scan# 2897
Delta R.T. 0.00 min
Lab File: VN049515.D
Acq: 25 Jun 2018 16:55

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.5	39.1	117.2





#61

1,2-Dibromoethane

Concen: 16.67 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. 0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

Tot Ion: 107 Resp: 182725

Ion Ratio Lower Upper

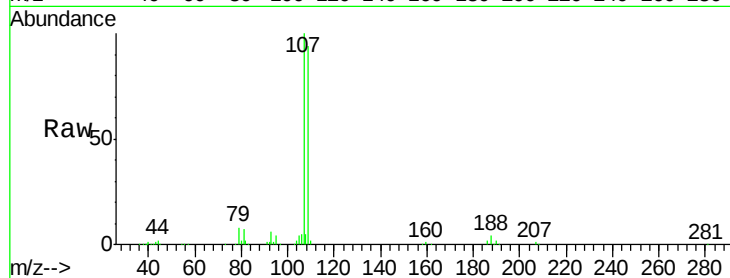
107 100

109 94.6 75.4 113.2

Manual Integrations
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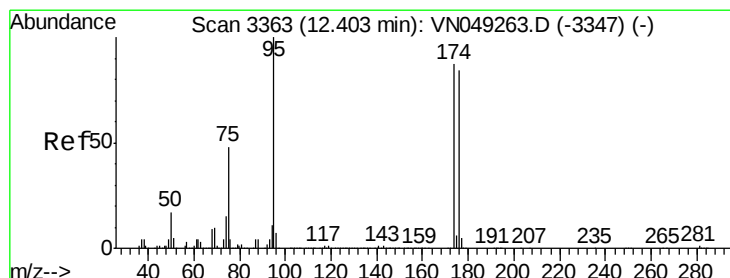
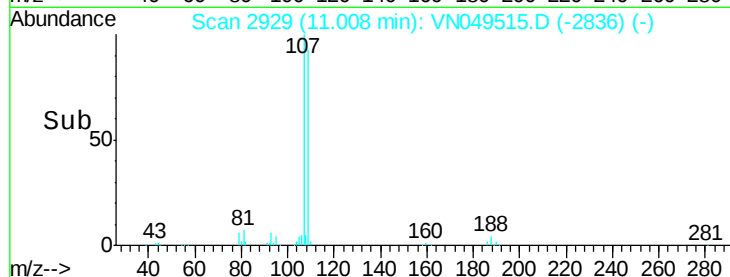
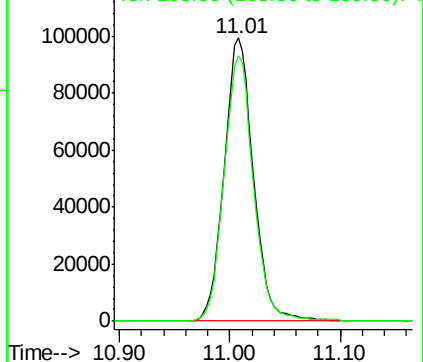
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 30.70 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

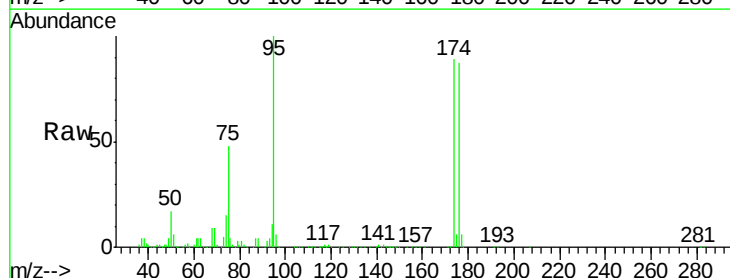
Tgt Ion: 95 Resp: 479657

Ion Ratio Lower Upper

95 100

174 90.0 0.0 165.6

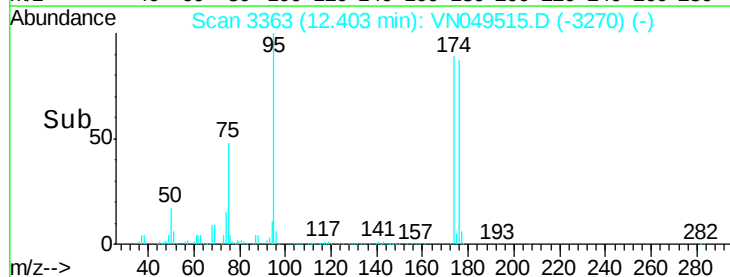
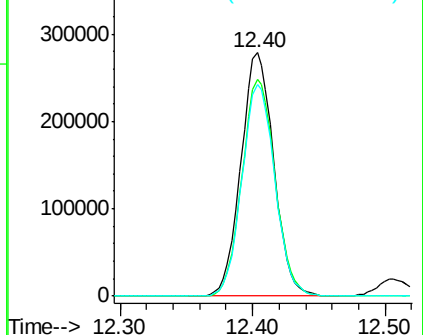
176 87.2 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





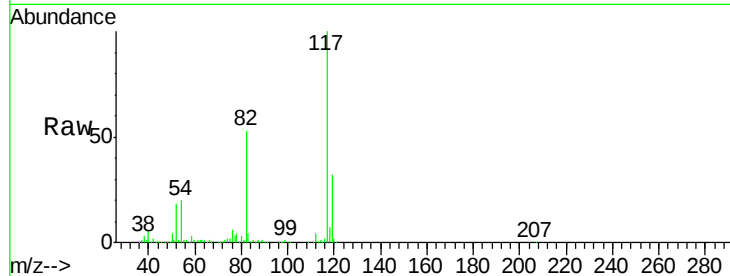
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049515.D
Acq: 25 Jun 2018 16:55

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

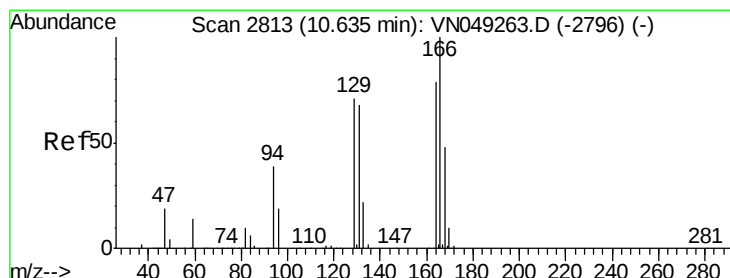
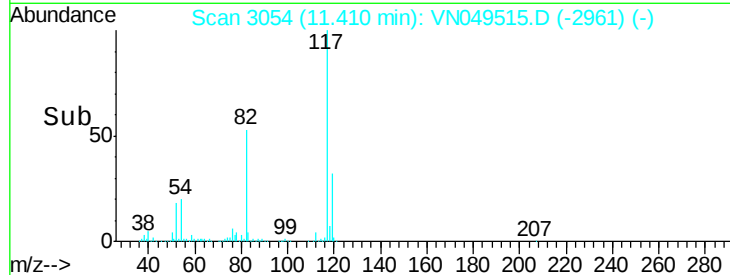
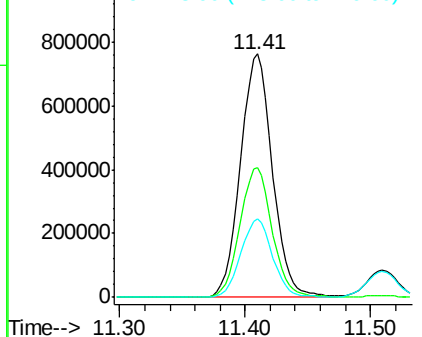
Tot Ion:117 Resp: 1357211
Ion Ratio Lower Upper
117 100
82 53.5 45.9 68.9
119 32.1 25.5 38.3

Manual Integrations
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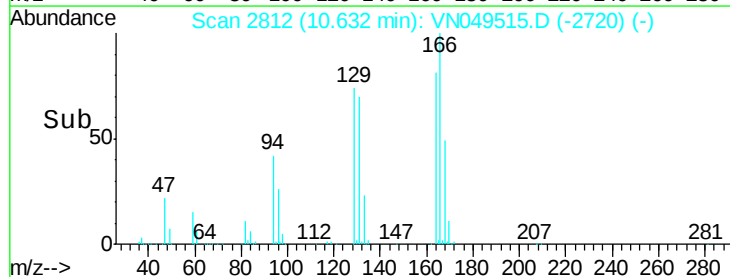
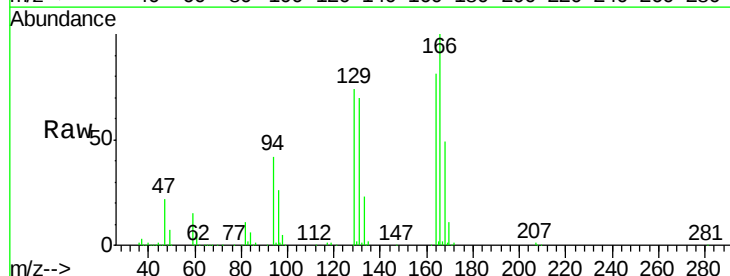
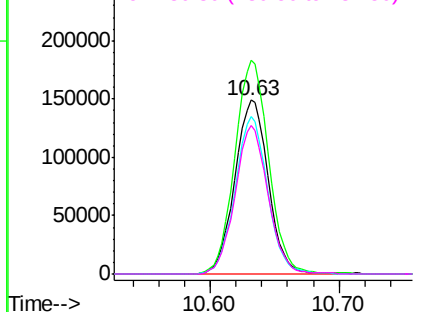
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

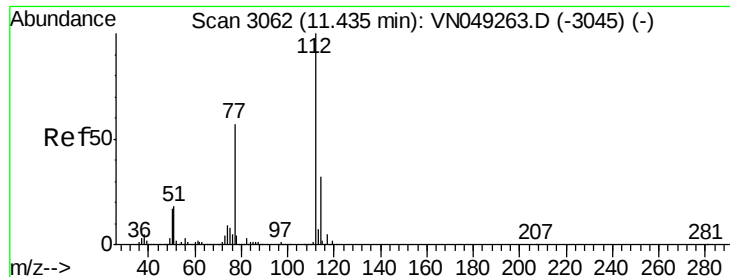


#64
Tetrachloroethene
Concen: 19.32 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN049515.D
Acq: 25 Jun 2018 16:55

Tgt Ion:164 Resp: 268641
Ion Ratio Lower Upper
164 100
166 122.7 101.4 152.2
129 90.7 74.1 111.1
131 85.5 73.7 110.5

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 16.64 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

Instrument :

MSVOA_N

ClientSampled :

VN0625WBSD01

Tot Ion:112 Resp: 581879

Ion Ratio Lower Upper

112 100

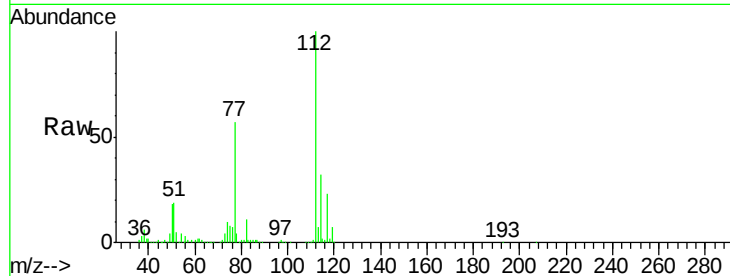
114 32.2 26.2 39.4

Manual Integrations

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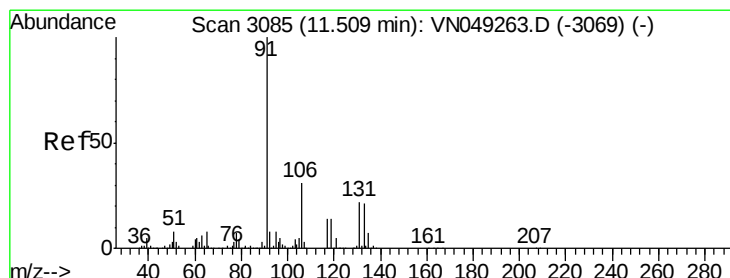
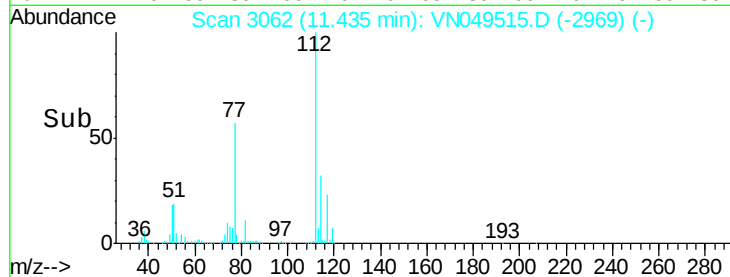
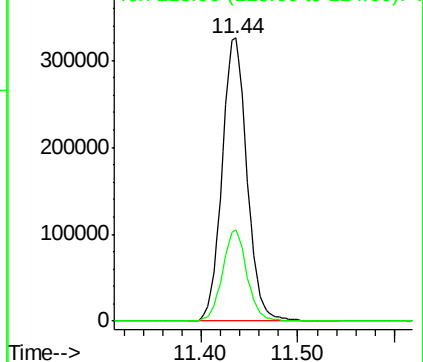
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 16.60 ug/l

RT: 11.51 min Scan# 3085

Delta R.T. 0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

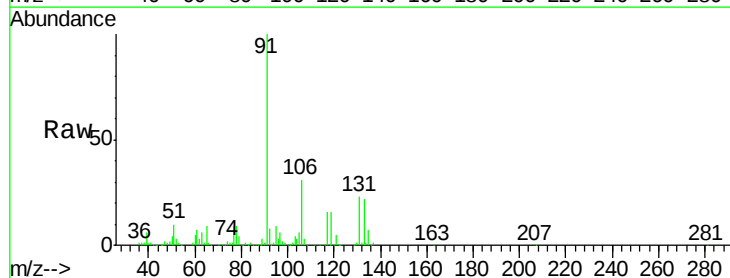
Tgt Ion:131 Resp: 218396

Ion Ratio Lower Upper

131 100

133 96.6 48.0 144.2

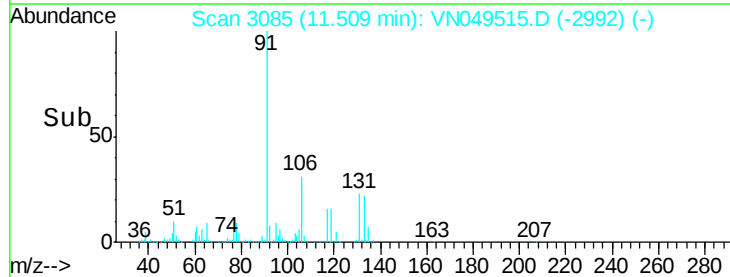
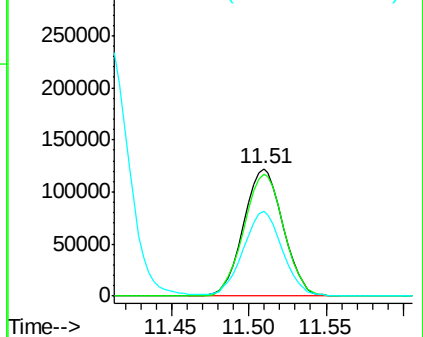
119 66.3 33.6 100.8

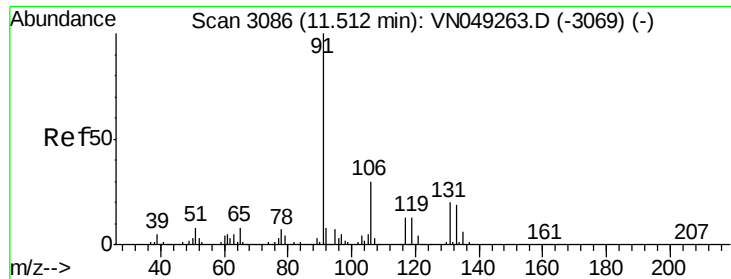


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 16.04 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

Instrument :

MSVOA_N

ClientSampled :

VN0625WBSD01

Tot Ion: 91 Resp: 930250

Ion Ratio Lower Upper

91 100

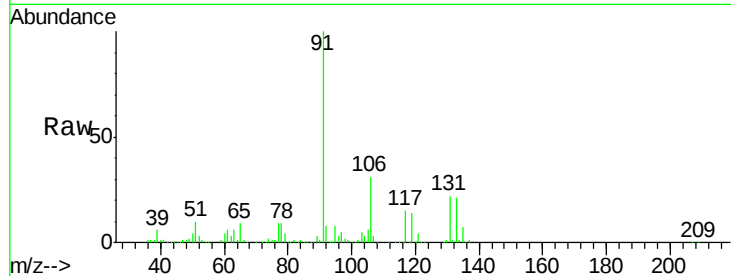
106 31.1 23.9 35.9

Manual Integrations

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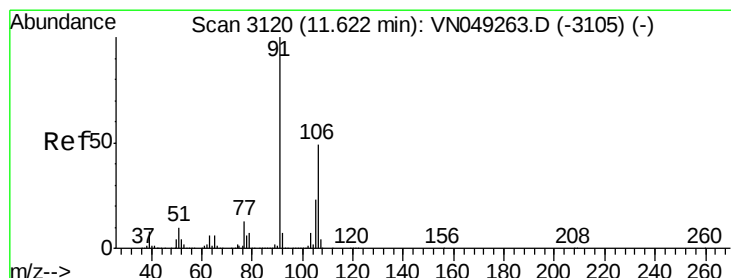
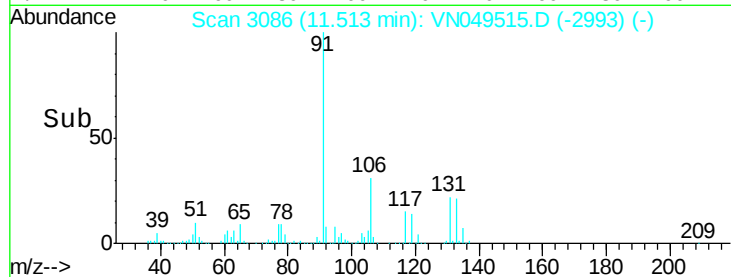
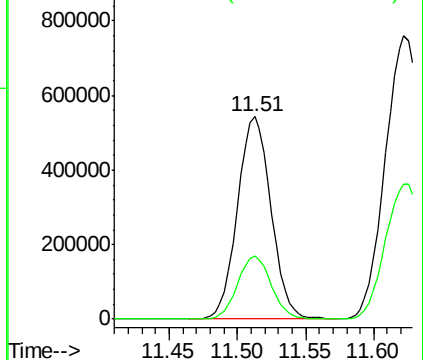
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Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 32.96 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. 0.00 min

Lab File: VN049515.D

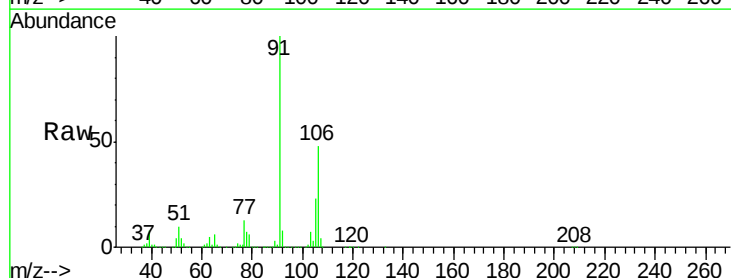
Acq: 25 Jun 2018 16:55

Tgt Ion: 106 Resp: 717238

Ion Ratio Lower Upper

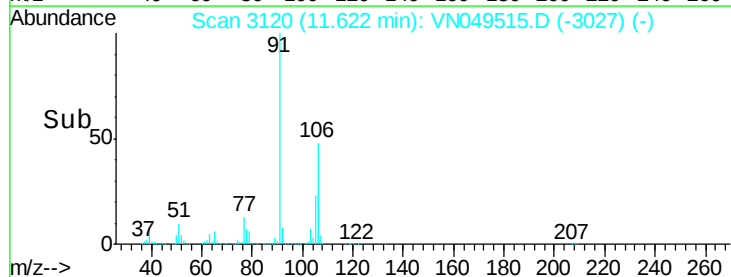
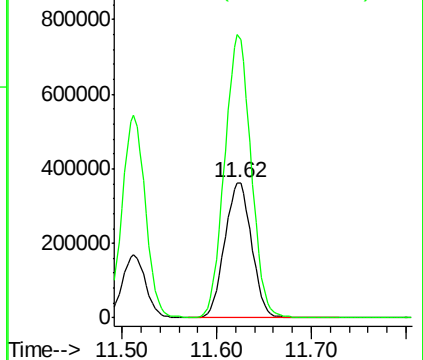
106 100

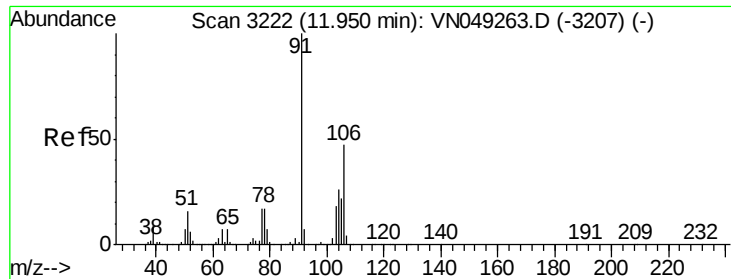
91 205.9 167.3 250.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





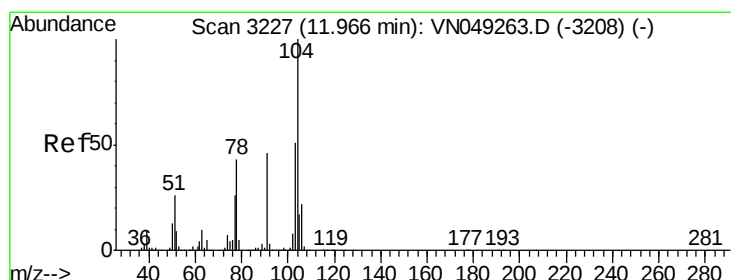
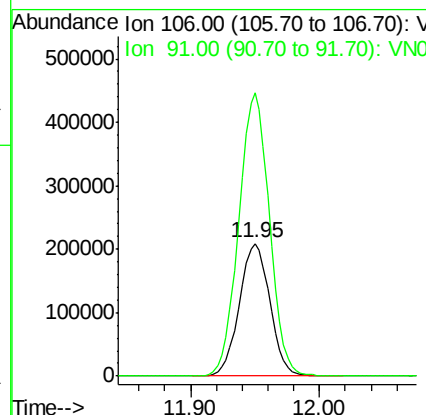
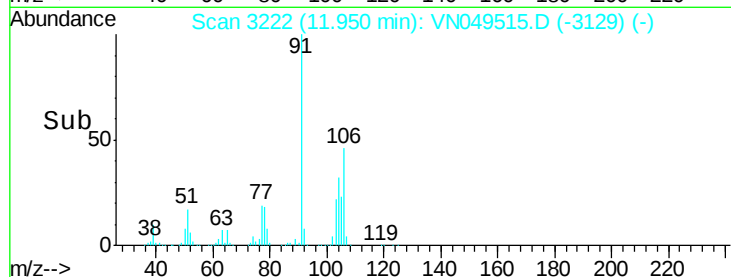
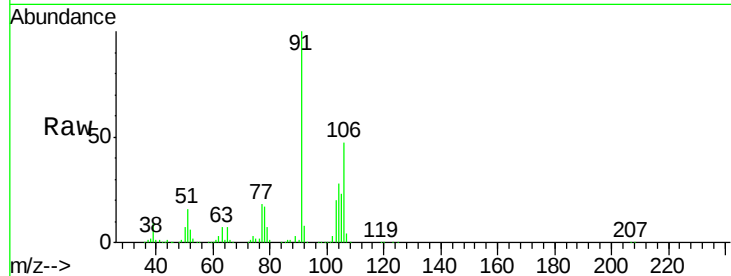
#69
o-Xylene
Concen: 16.43 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049515.D
Acq: 25 Jun 2018 16:55

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	214.2	111.0	333.0

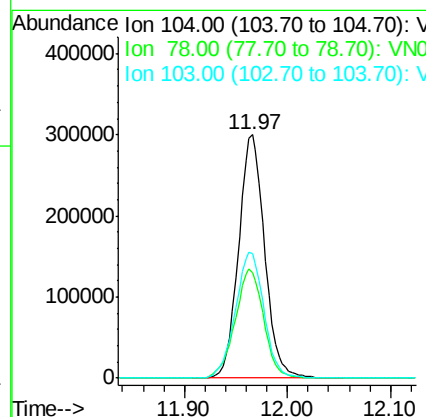
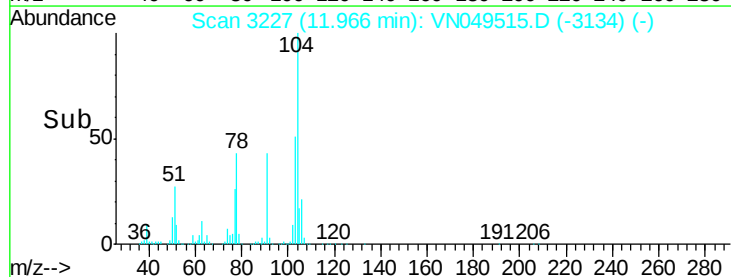
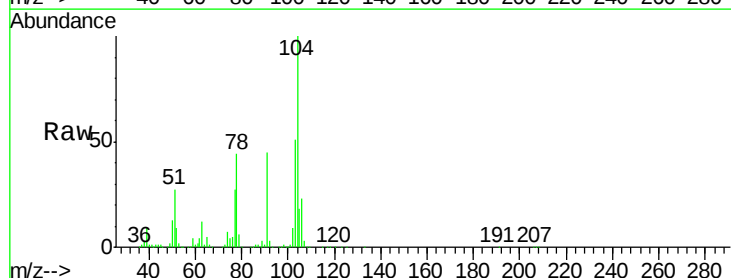
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#70
Styrene
Concen: 15.98 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN049515.D
Acq: 25 Jun 2018 16:55

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.0	41.6	62.4
103	56.8	45.4	68.2





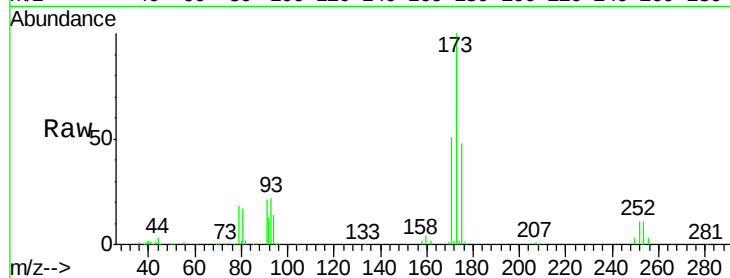
#71
Bromoform
Concen: 16.58 ug/l
RT: 12.13 min Scan# 3277
Delta R.T. 0.00 min
Lab File: VN049515.D
Acq: 25 Jun 2018 16:55

Instrument :
MSVOA_N
ClientSampled :
VN0625WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.8	24.5	73.5
254	0.1	0.1	0.1

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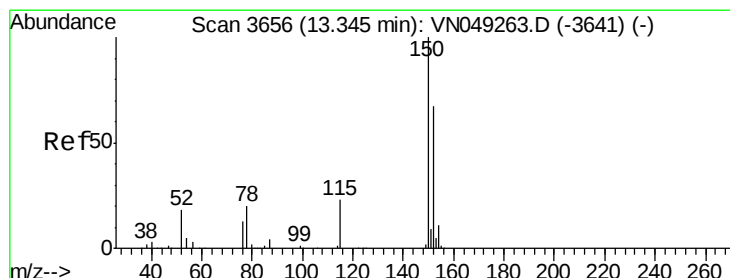
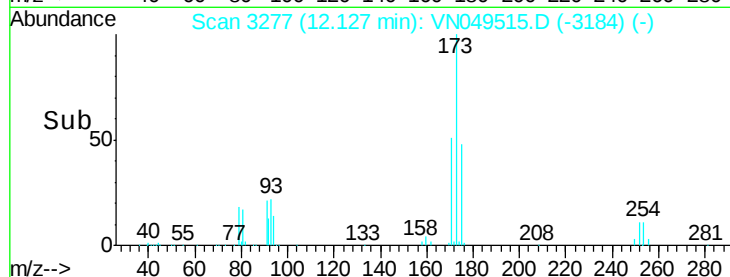
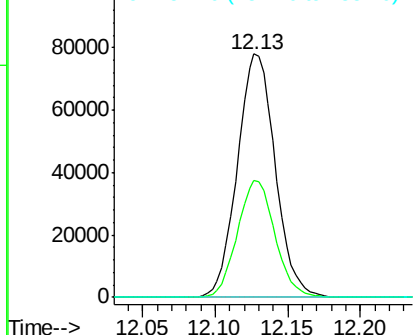


Abundance

Ion 172.70 (172.40 to 173.40): V

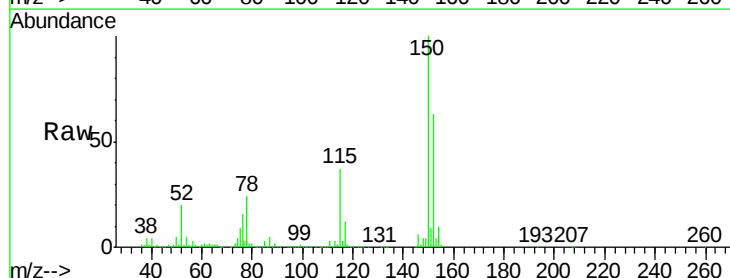
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN049515.D
Acq: 25 Jun 2018 16:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.5	28.7	86.1
150	163.6	0.0	351.0

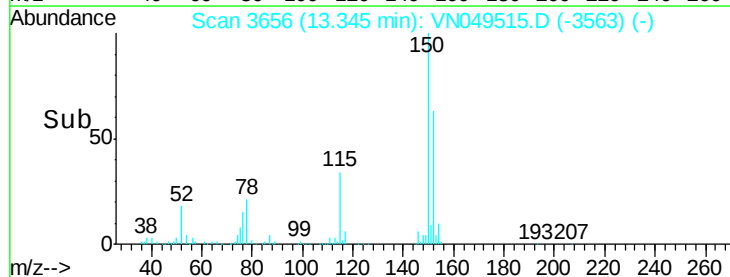
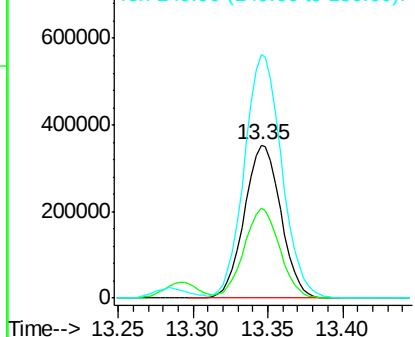


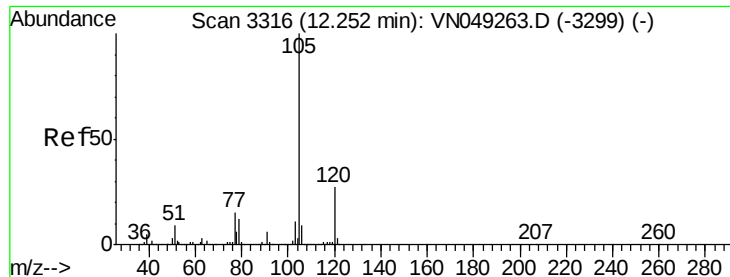
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 17.31 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. -0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

Tot Ion: 105 Resp: 910420

Ion Ratio Lower Upper

105 100

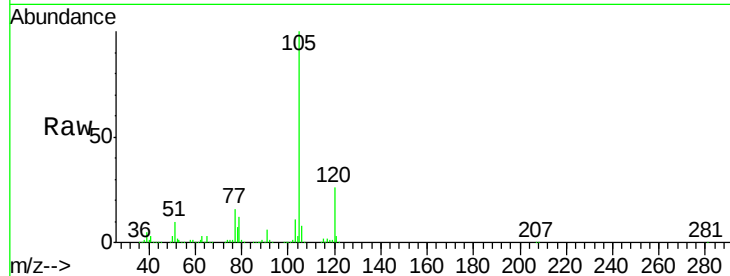
120 26.7 12.8 38.3

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

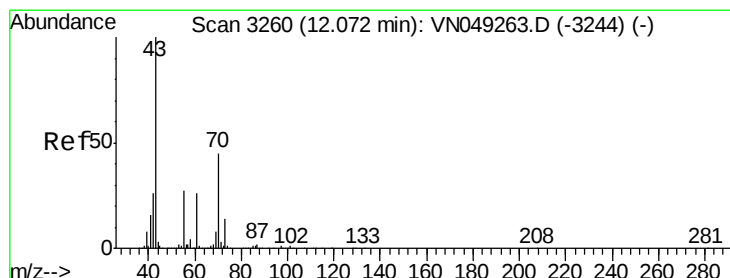
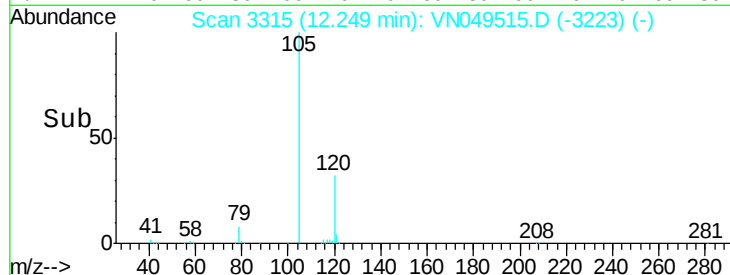
400000

200000

0

12.20 12.25 12.30

Time-->



#74

N-ethyl acetate

Concen: 15.43 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

Tgt Ion: 43 Resp: 198778

Ion Ratio Lower Upper

43 100

70 42.4 30.3 45.5

55 27.1 19.4 29.2

61 23.9 17.8 26.6

Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

150000

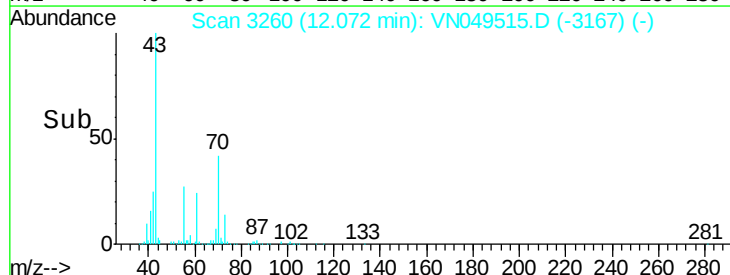
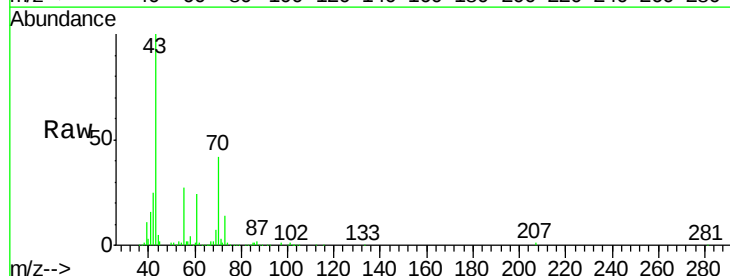
100000

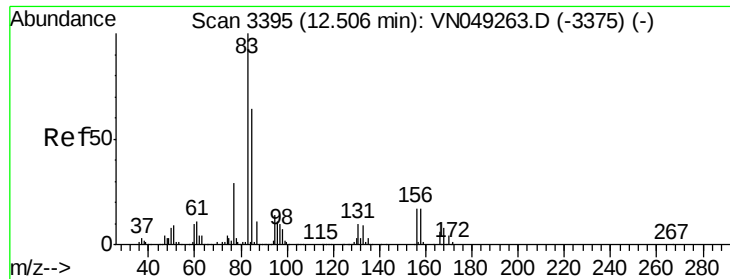
50000

0

12.00 12.07 12.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 17.45 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

Instrument :

MSVOA_N

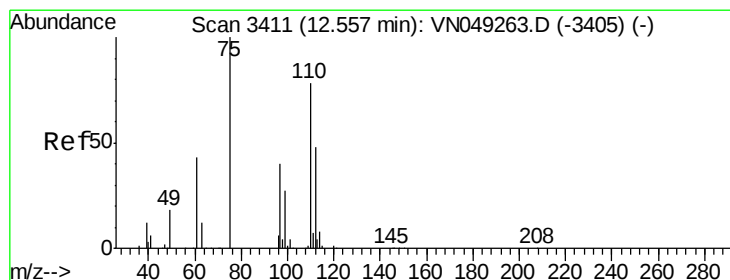
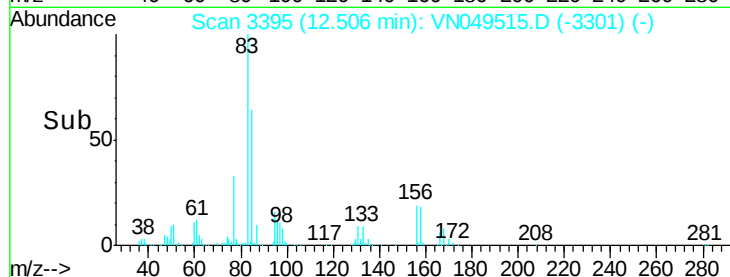
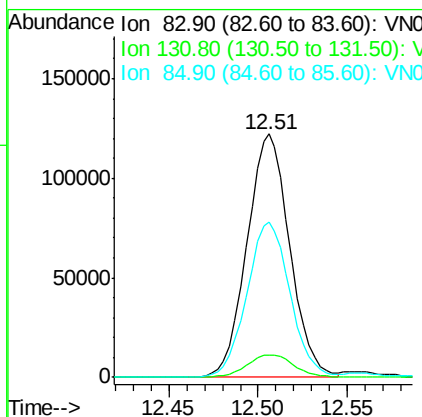
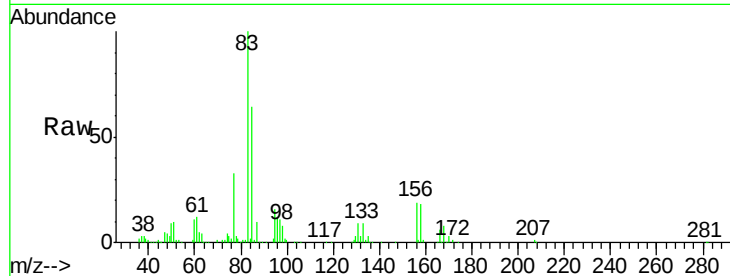
ClientSampleId :

VN0625WBSD01

Tot Ion:	83	Resp:	204605
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.0	15.0
85	64.3	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 17.28 ug/l m

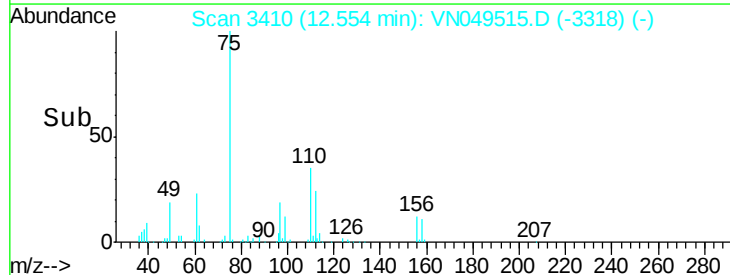
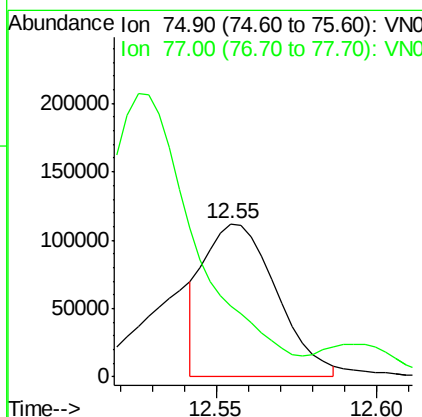
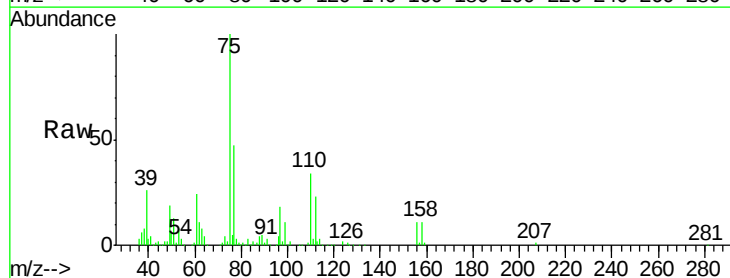
RT: 12.55 min Scan# 3410

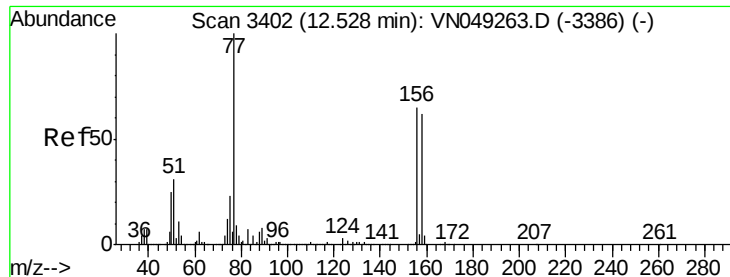
Delta R.T. -0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

Tgt Ion:	75	Resp:	176638
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 16.97 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

Instrument :

MSVOA_N

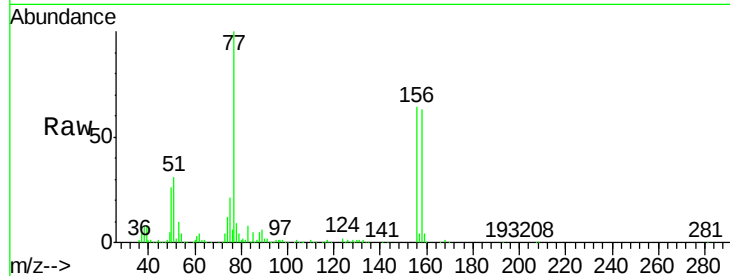
ClientSampleId :

VN0625WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	180.1	100.8	302.4
158	96.4	49.3	147.9

Manual Integrations
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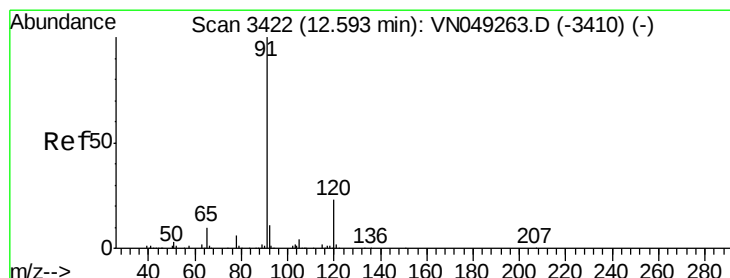
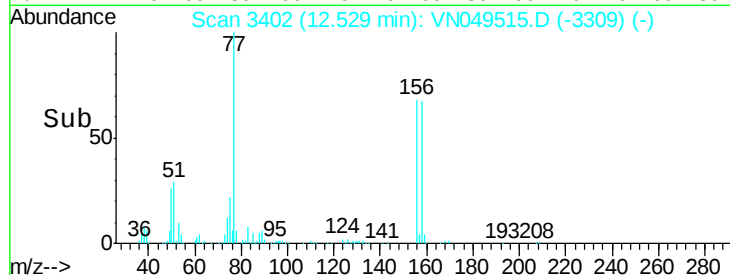
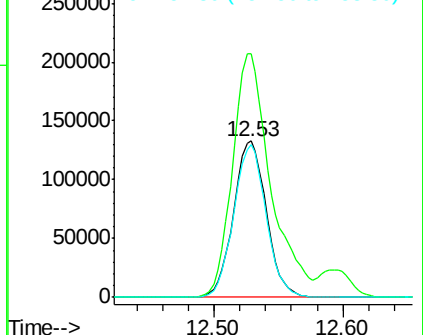
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.35 ug/l

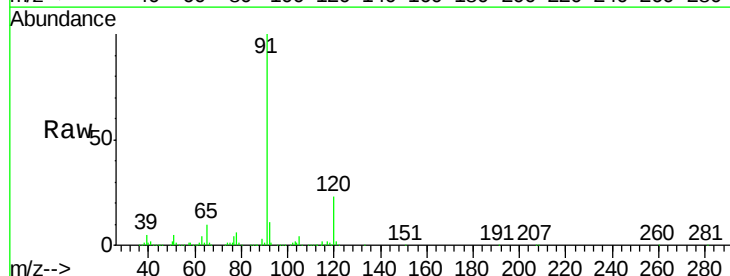
RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049515.D

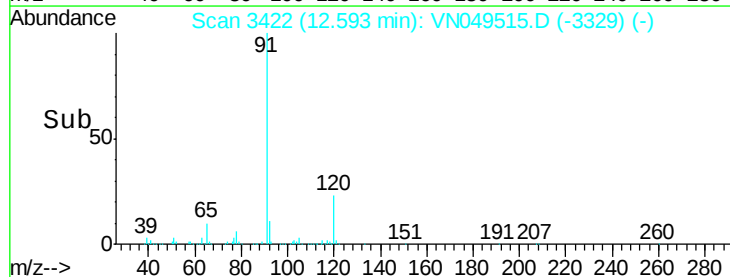
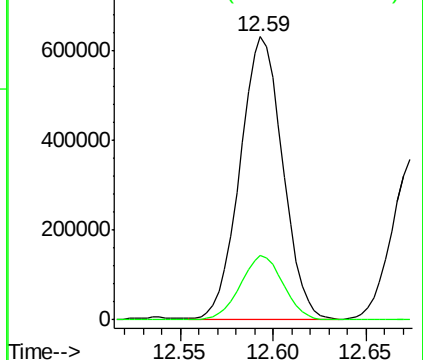
Acq: 25 Jun 2018 16:55

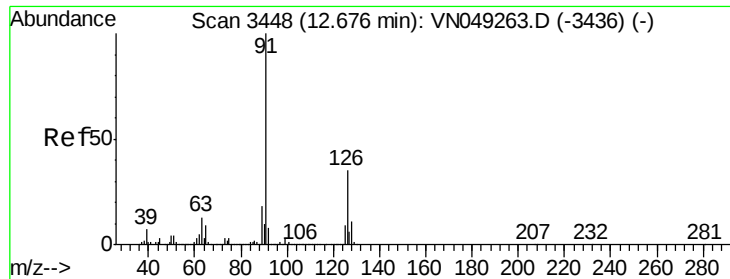
Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.0	11.2	33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.16 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

Tot Ion: 91 Resp: 627978

Ion Ratio Lower Upper

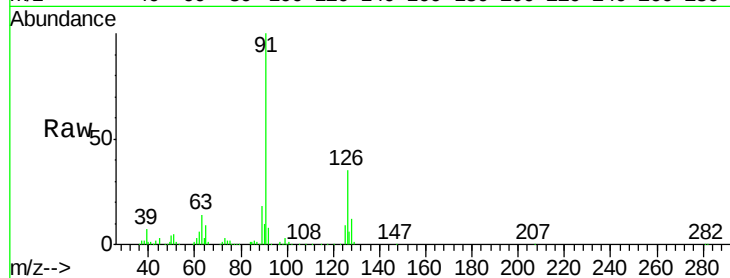
91 100

126 35.3 16.6 49.8

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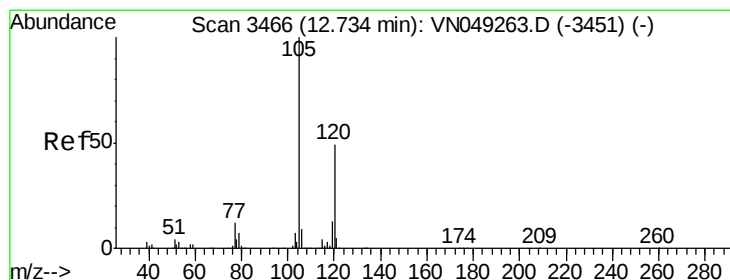
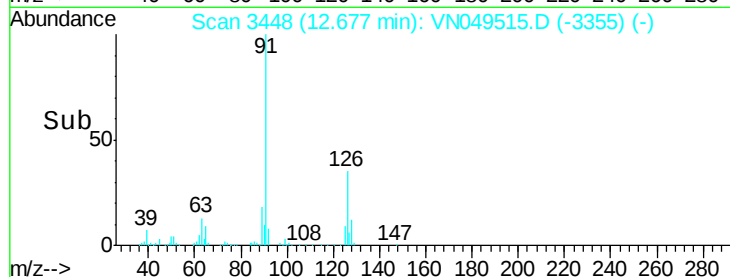
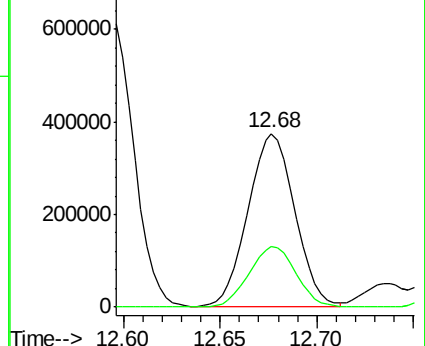
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Abundance Ion 91.00 (90.70 to 91.70): VN049263.D (-3436) (-)

Ion 125.90 (125.60 to 126.60): VN049263.D (-3436) (-)



#80

1,3,5-Trimethylbenzene

Concen: 17.76 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049515.D

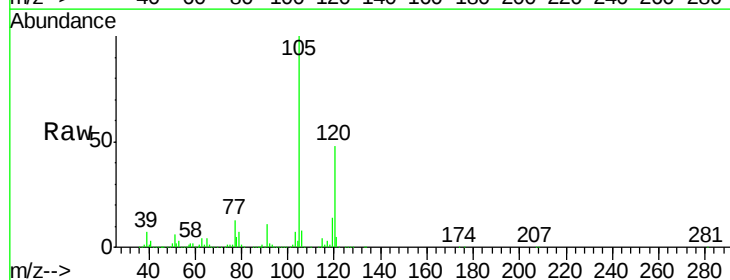
Acq: 25 Jun 2018 16:55

Tgt Ion: 105 Resp: 734275

Ion Ratio Lower Upper

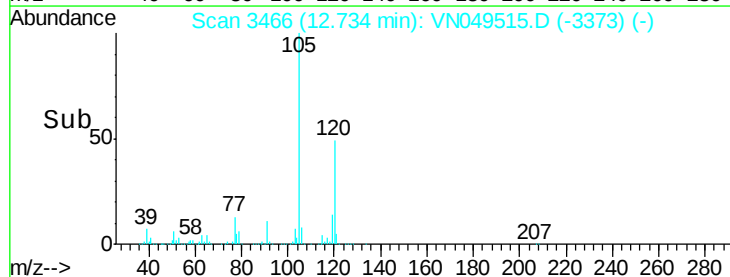
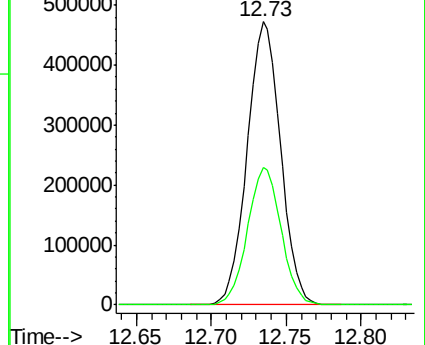
105 100

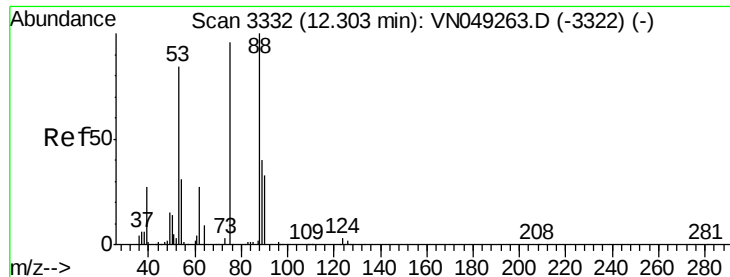
120 48.7 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): VN049263.D (-3451) (-)

Ion 120.00 (119.70 to 120.70): VN049263.D (-3451) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 16.50 ug/l

RT: 12.30 min Scan# 3331

Delta R.T. -0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

Instrument :

MSVOA_N

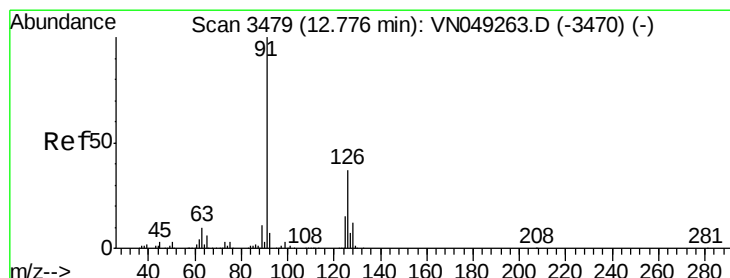
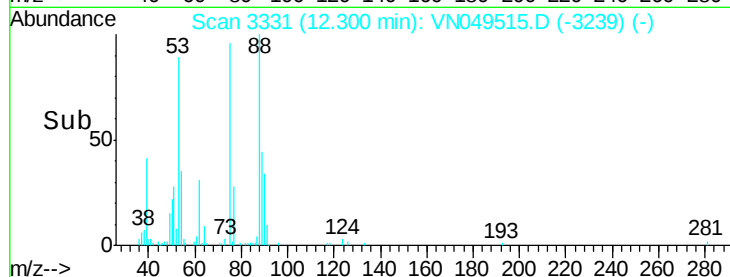
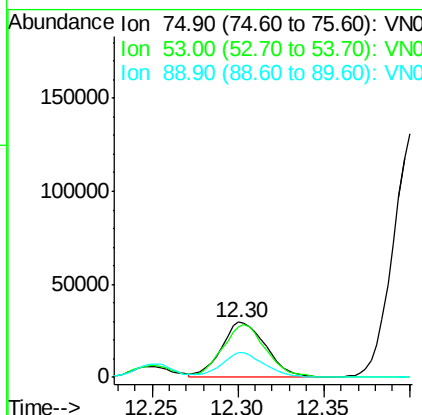
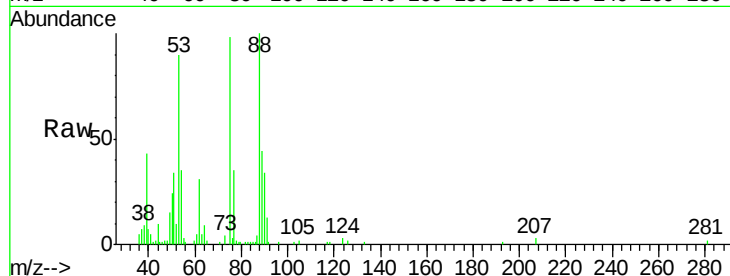
ClientSampleId :

VN0625WBSD01

Tot Ion:	75	Resp:	53367
Ion	Ratio	Lower	Upper
75	100		
53	93.6	82.7	124.1
89	43.5	36.5	54.7

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#82

4-Chlorotoluene

Concen: 17.56 ug/l

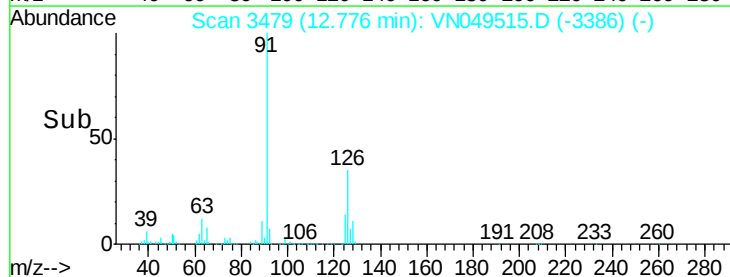
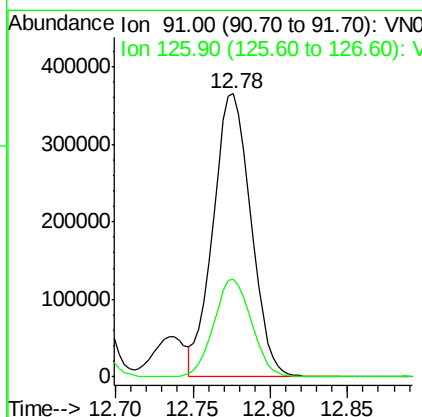
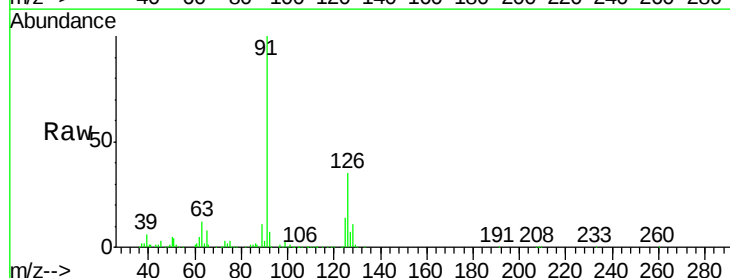
RT: 12.78 min Scan# 3479

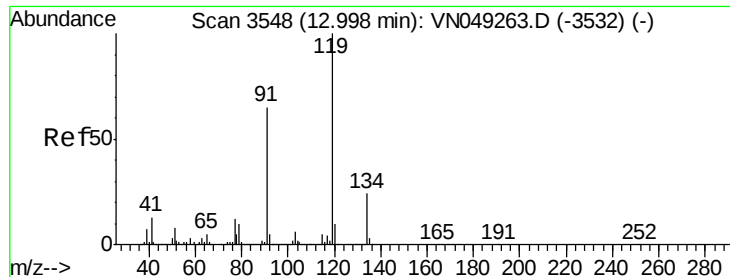
Delta R.T. 0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

Tgt Ion:	91	Resp:	620011
Ion	Ratio	Lower	Upper
91	100		
126	34.5	16.4	49.1





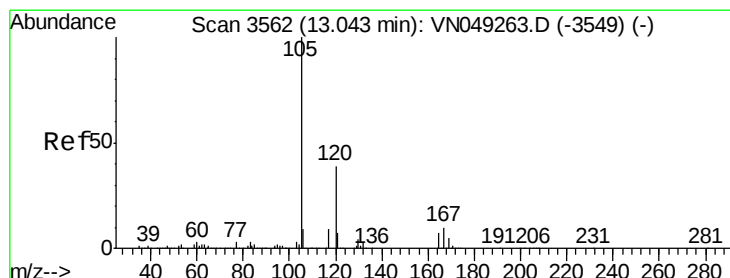
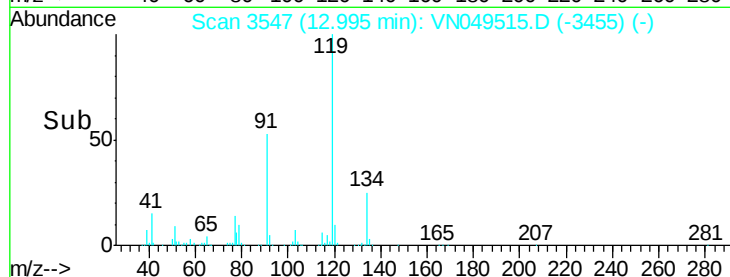
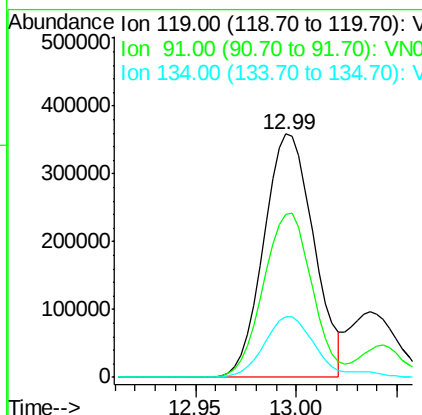
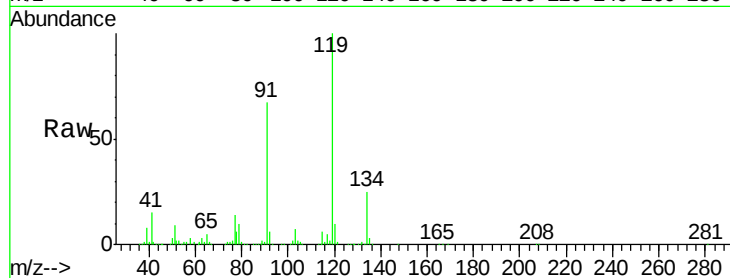
#83
 tert-Butylbenzene
 Concen: 16.85 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN049515.D
 Acq: 25 Jun 2018 16:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.7	33.7	101.0
134	26.4	12.9	38.6

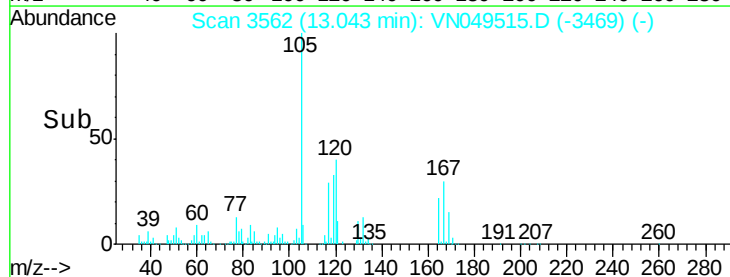
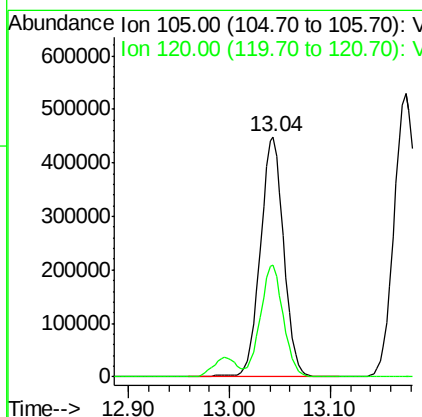
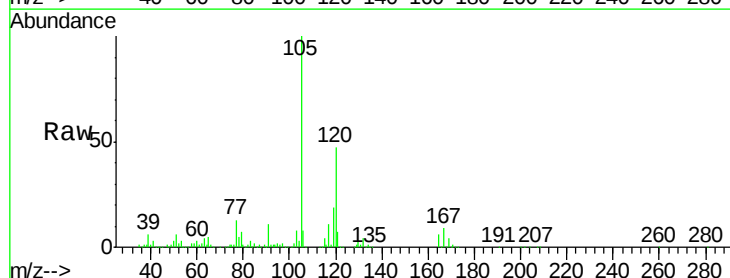
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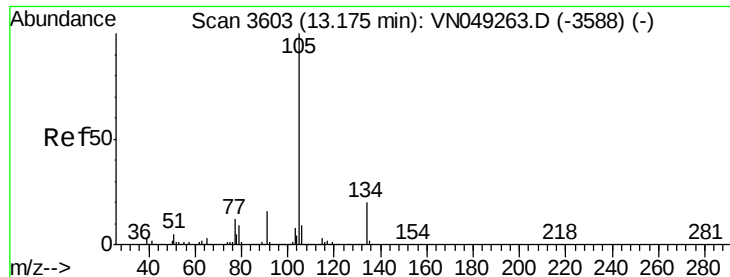
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#84
 1,2,4-Trimethylbenzene
 Concen: 17.44 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN049515.D
 Acq: 25 Jun 2018 16:55

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.2	66.6





#85

sec-Butylbenzene

Concen: 17.28 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

Tot Ion:105 Resp: 842250

Ion Ratio Lower Upper

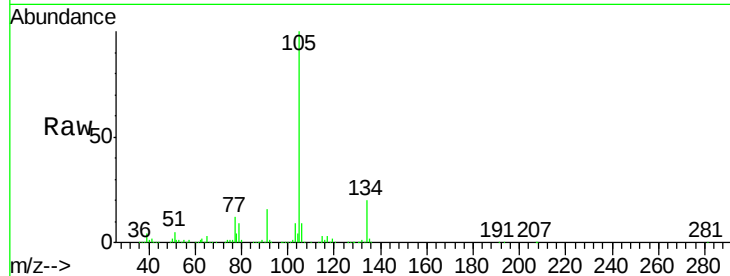
105 100

134 20.2 9.8 29.3

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

600000

500000

400000

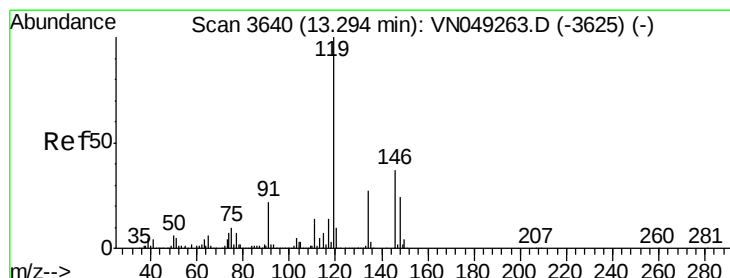
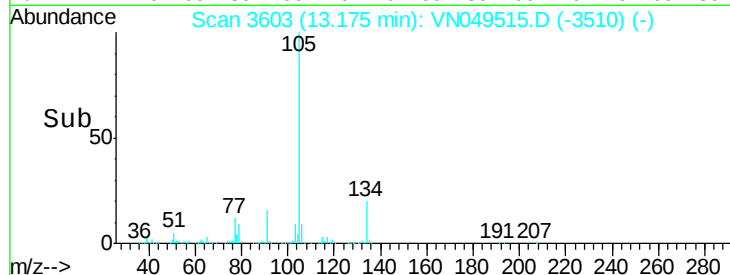
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 17.02 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. -0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

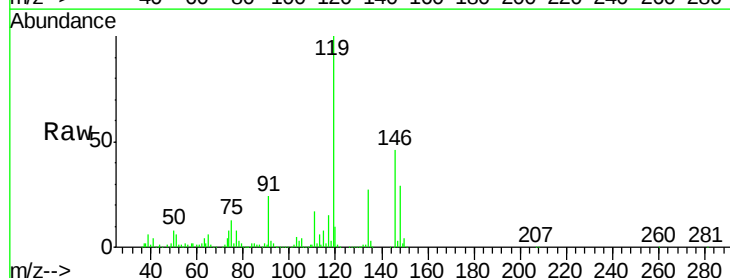
Tgt Ion:119 Resp: 693008

Ion Ratio Lower Upper

119 100

134 26.6 12.9 38.6

91 23.7 12.1 36.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.29

600000

500000

400000

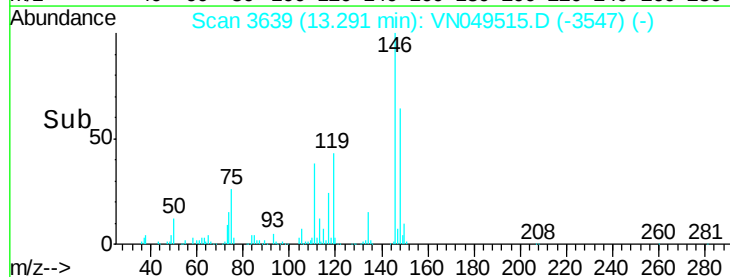
300000

200000

100000

0

Time-->





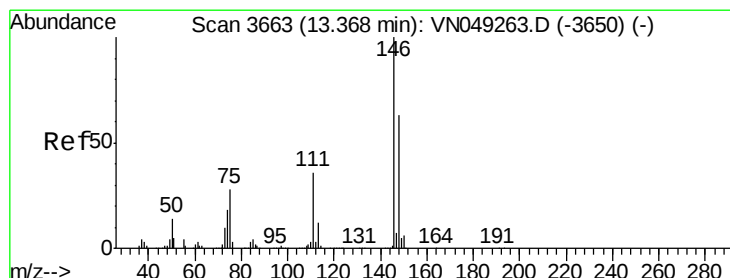
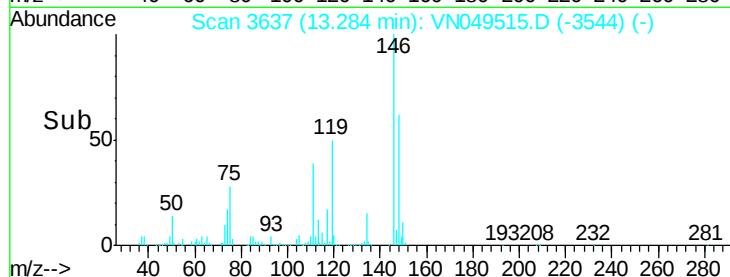
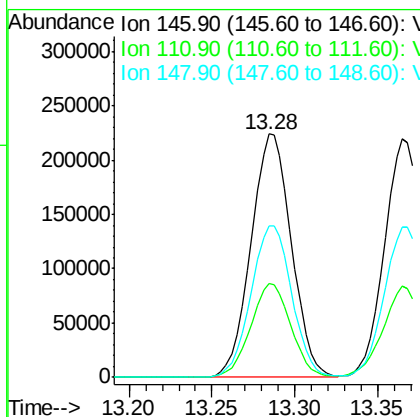
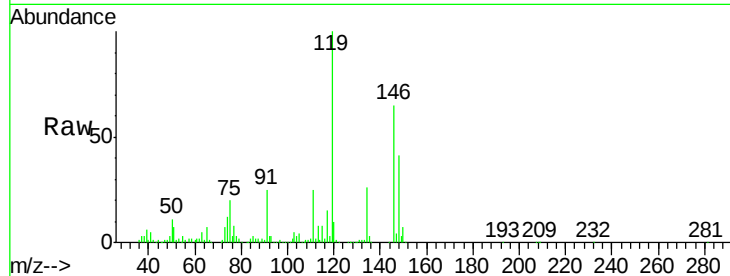
#87
 1,3-Dichlorobenzene
 Concen: 16.64 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. 0.00 min
 Lab File: VN049515.D
 Acq: 25 Jun 2018 16:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.9	59.6
148	62.9	32.1	96.5

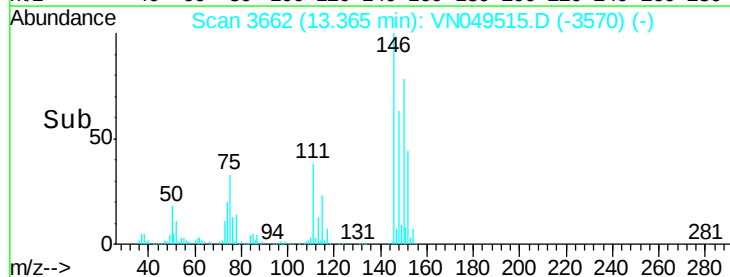
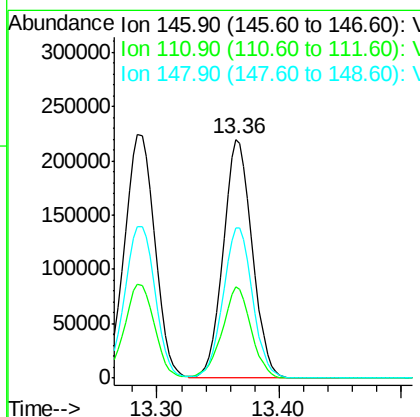
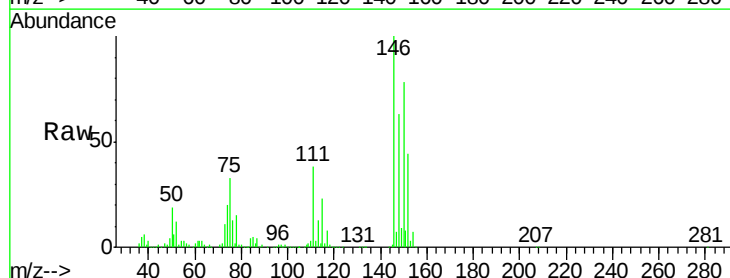
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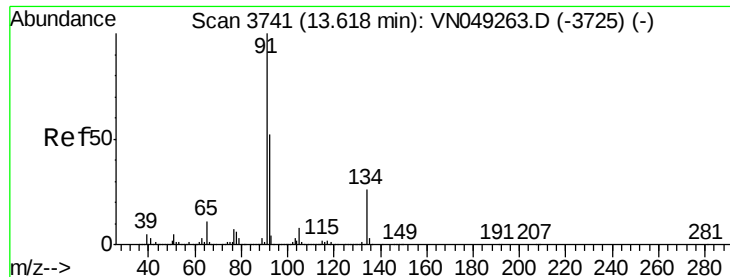
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#88
 1,4-Dichlorobenzene
 Concen: 16.17 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. -0.00 min
 Lab File: VN049515.D
 Acq: 25 Jun 2018 16:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.1	57.1
148	64.1	32.0	96.2





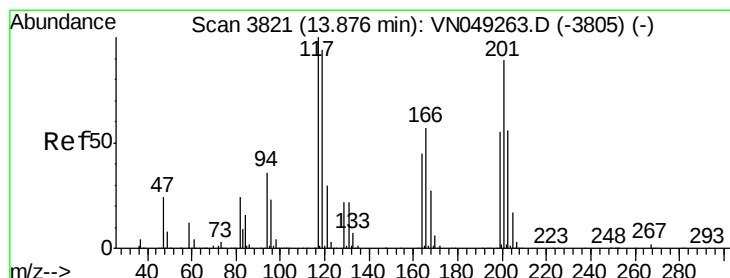
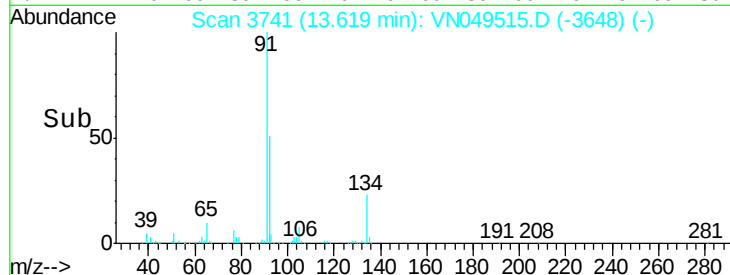
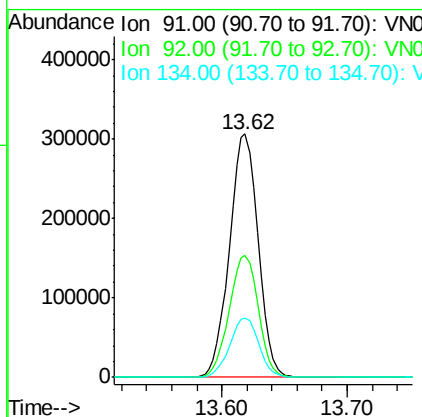
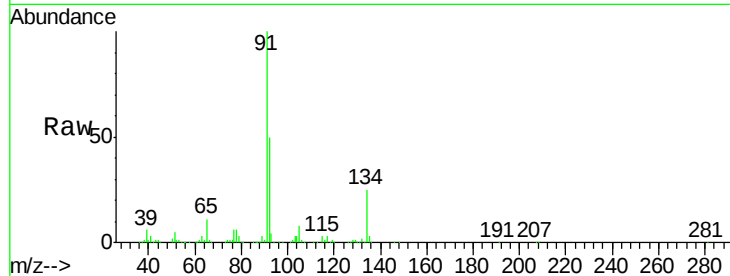
#89
n-Butylbenzene
Concen: 15.26 ug/l
RT: 13.62 min Scan# 3741
Delta R.T. 0.00 min
Lab File: VN049515.D
Acq: 25 Jun 2018 16:55

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
92	51.0	25.1	75.4	
134	24.7	12.0	36.0	

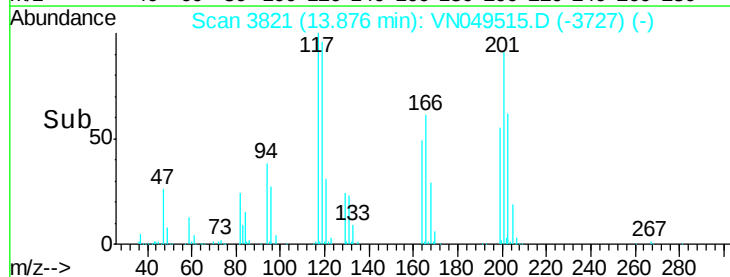
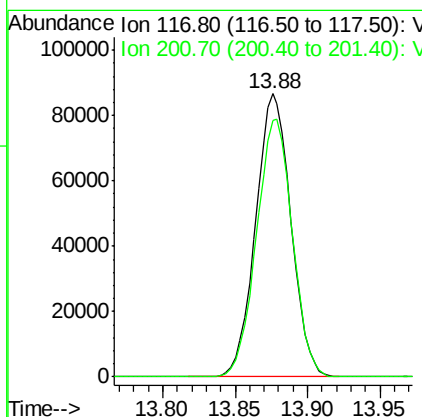
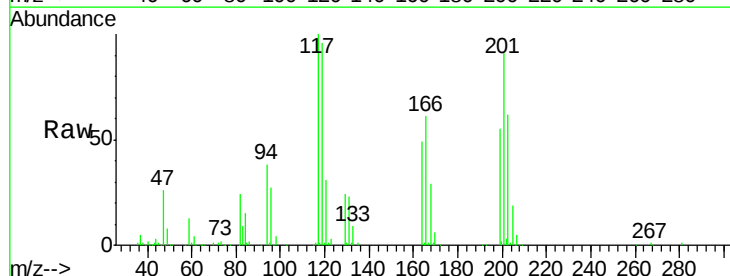
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#90
Hexachloroethane
Concen: 18.00 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN049515.D
Acq: 25 Jun 2018 16:55

Tgt Ion	Ion	Ratio	Lower	Upper
117	100			
201	92.3	40.1	120.2	





#91

1,2-Dichlorobenzene

Concen: 16.99 ug/l

RT: 13.66 min Scan# 3753

Delta R.T. 0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

Instrument :

MSVOA_N

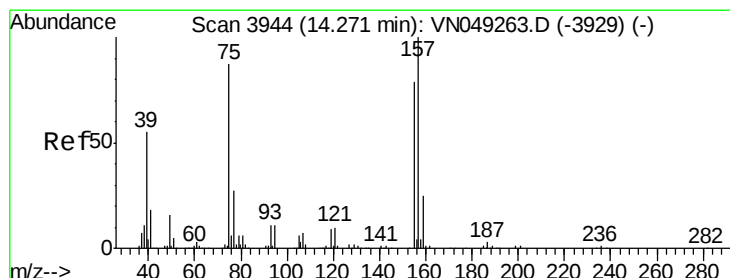
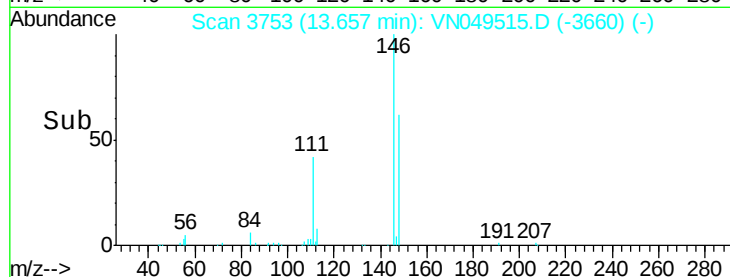
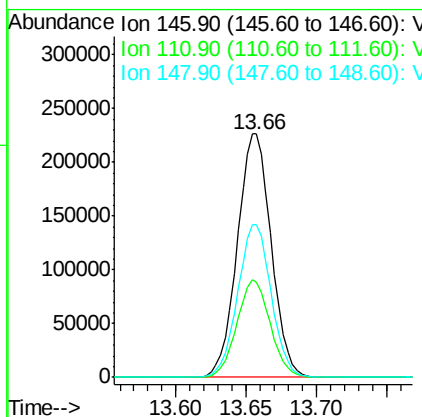
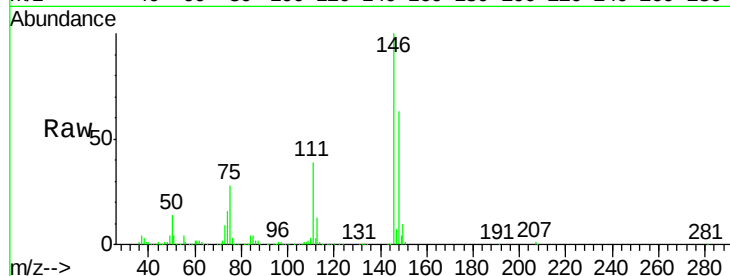
ClientSampleId :

VN0625WBSD01

Tot Ion:	146	Resp:	380729
Ion Ratio		Lower	Upper
146	100		
111	39.2	20.8	62.2
148	62.3	32.0	96.2

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 16.06 ug/l

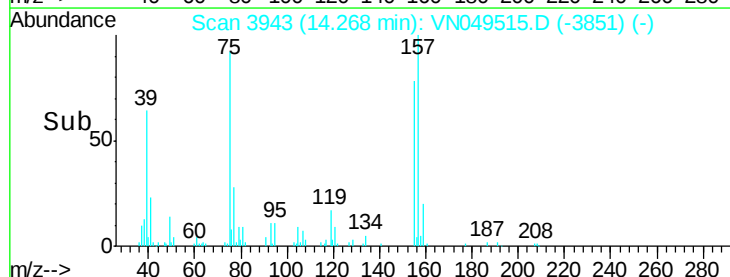
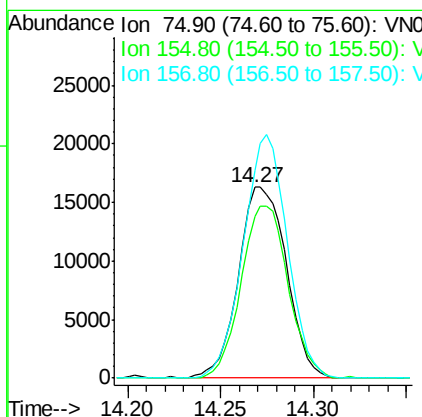
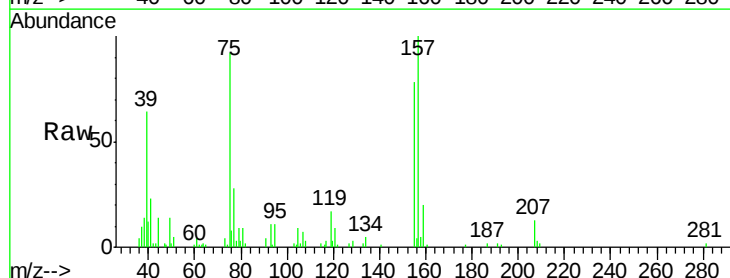
RT: 14.27 min Scan# 3943

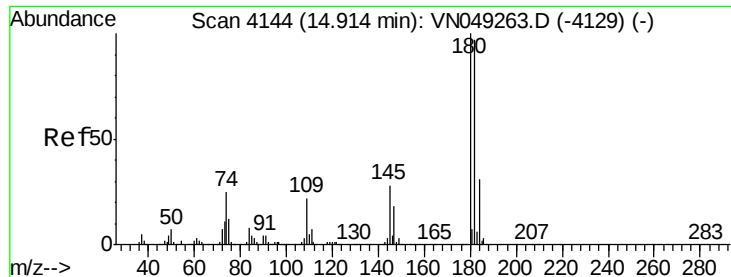
Delta R.T. -0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

Tgt Ion:	75	Resp:	29408
Ion Ratio		Lower	Upper
75	100		
155	88.0	38.8	116.3
157	117.3	51.0	153.1





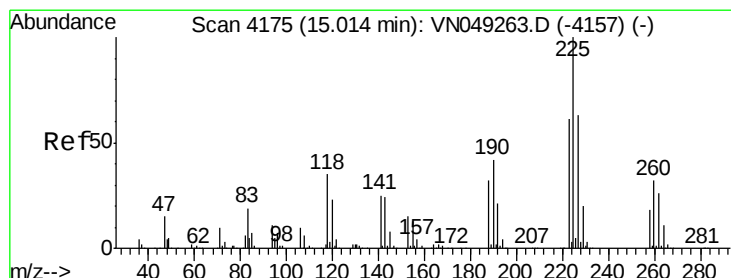
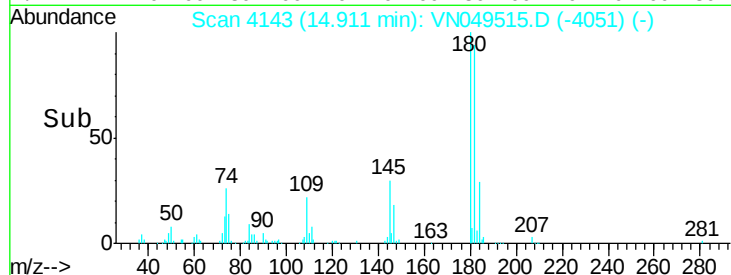
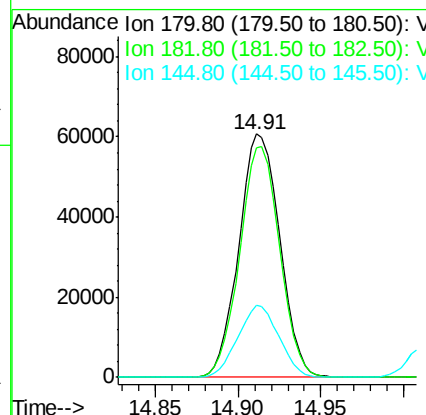
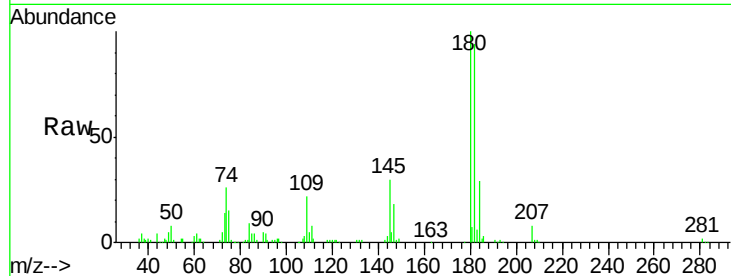
#93
 1,2,4-Trichlorobenzene
 Concen: 13.91 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. -0.00 min
 Lab File: VN049515.D
 Acq: 25 Jun 2018 16:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	104082		
182	92.7	46.9	140.8	
145	29.6	14.7	44.1	

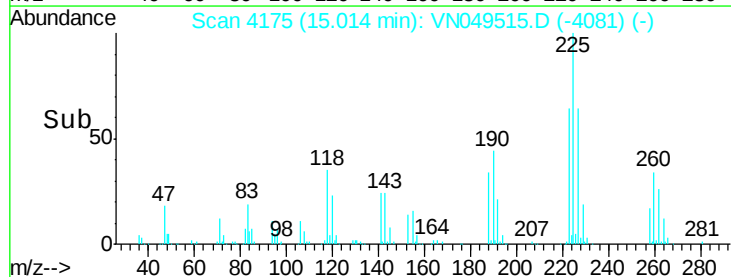
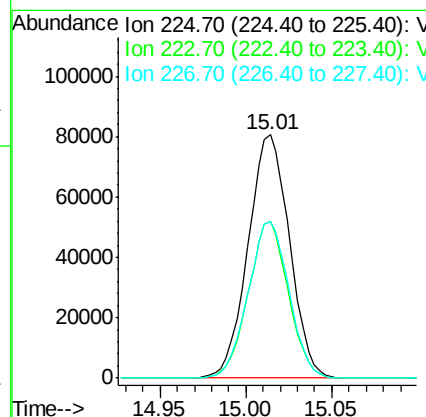
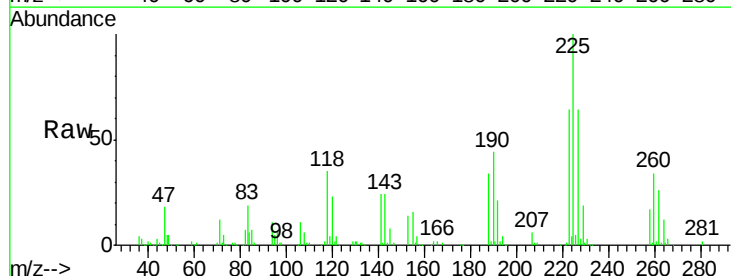
Manual Integrations
 APPROVED

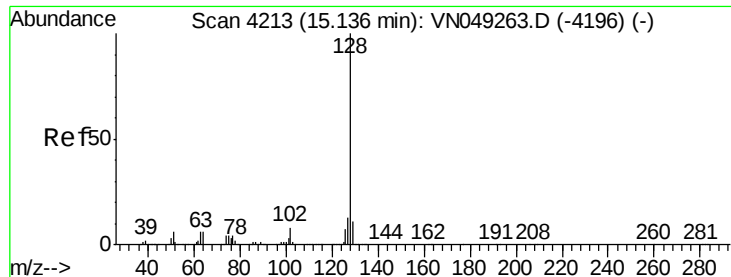
apatel
 6/26/2018 5:14:15 PM



#94
 Hexachlorobutadiene
 Concen: 18.79 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049515.D
 Acq: 25 Jun 2018 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	134309		
223	62.2	32.1	96.3	
227	63.5	31.8	95.3	





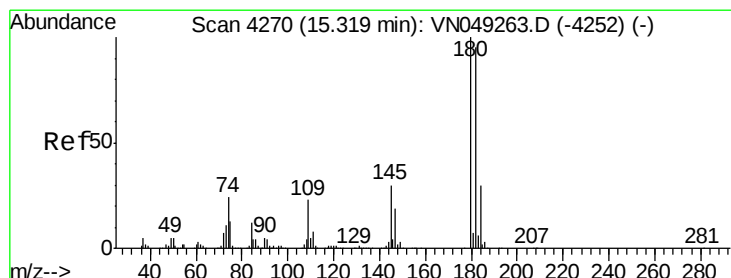
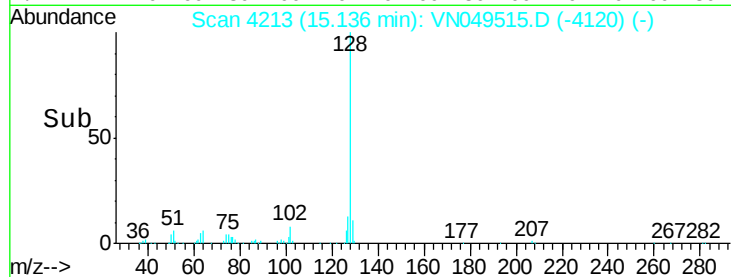
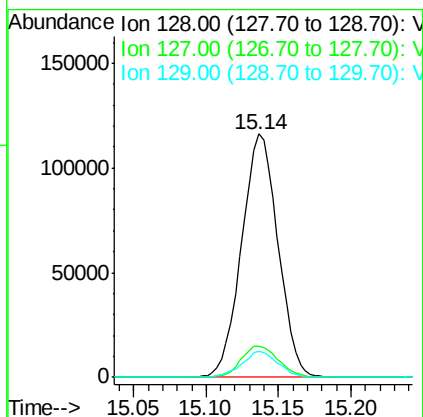
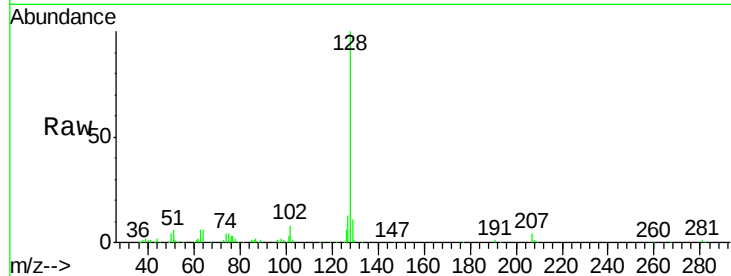
#95
Naphthalene
Concen: 13.85 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049515.D
Acq: 25 Jun 2018 16:55

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	202222		
127	13.3	10.6	16.0	
129	10.5	8.5	12.7	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 14.60 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. -0.00 min
Lab File: VN049515.D
Acq: 25 Jun 2018 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	120229		
182	97.0	47.3	141.8	
145	30.7	15.6	46.7	

