

Data File : VN049647.D
Acq On : 30 Jun 2018 14:52
Operator : MD\SY
Sample : VN0630WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0630WBSD01

Manual Integrations
APPROVED

apatel
7/2/2018 4:18:12 PM

Quant Time: Jul 02 01:36:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 30 00:55:30 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1326934	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1994727	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1794506	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	941404	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	826239	47.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.30%	
35) Dibromofluoromethane	7.59	113	712299	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	
50) Toluene-d8	10.09	98	2687793	46.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.10%	
62) 4-Bromofluorobenzene	12.40	95	933745	46.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.70%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	298830	19.983	ug/l	98
3) Chloromethane	2.06	50	347709	18.617	ug/l	99
4) Vinyl Chloride	2.18	62	378143	18.851	ug/l	99
5) Bromomethane	2.57	94	196195	18.620	ug/l	99
6) Chloroethane	2.70	64	241626	19.031	ug/l	100
7) Trichlorofluoromethane	3.02	101	471235	20.566	ug/l	98
8) Diethyl Ether	3.41	74	187449	20.183	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	323396	19.617	ug/l	99
10) Methyl Iodide	3.95	142	449733	21.798	ug/l	100
11) Tert butyl alcohol	4.79	59	111333	110.718	ug/l #	88
12) 1,1-Dichloroethene	3.73	96	286610	18.390	ug/l	99
13) Acrolein	3.61	56	105995	112.848	ug/l	98
14) Allyl chloride	4.32	41	460329	21.503	ug/l	99
15) Acrylonitrile	4.99	53	536937	103.385	ug/l	97
16) Acetone	3.82	43	393238	107.177	ug/l	98
17) Carbon Disulfide	4.05	76	774925	17.834	ug/l	100
18) Methyl Acetate	4.33	43	337997	18.319	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	825792	20.554	ug/l	97
20) Methylene Chloride	4.55	84	351782	19.495	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	303272	18.907	ug/l	96
22) Diisopropyl ether	5.96	45	990412	20.448	ug/l	97
23) Vinyl Acetate	5.90	43	3083861	98.184	ug/l	99
24) 1,1-Dichloroethane	5.85	63	597446	19.580	ug/l	99
25) 2-Butanone	6.84	43	604433	103.901	ug/l	99
26) 2,2-Dichloropropane	6.82	77	505313	19.939	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	355063	19.817	ug/l	98
28) Bromochloromethane	7.20	49	244402	18.872	ug/l	98
29) Tetrahydrofuran	7.22	42	397209	107.128	ug/l	100
30) Chloroform	7.37	83	607571	19.533	ug/l	97
31) Cyclohexane	7.65	56	512901	19.152	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	512711	19.470	ug/l	99
36) 1,1-Dichloropropene	7.79	75	435278	19.396	ug/l	99
37) Ethyl Acetate	6.93	43	285172	21.786	ug/l	97
38) Carbon Tetrachloride	7.77	117	410699	18.813	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	468705	19.049	ug/l	99
40) Benzene	8.04	78	1345032	19.628	ug/l	99
41) Methacrylonitrile	7.18	41	134158	18.182	ug/l	92
42) 1,2-Dichloroethane	8.13	62	433970	19.844	ug/l	100
43) Isopropyl Acetate	8.17	43	528248	19.977	ug/l	98
44) Trichloroethene	8.84	130	397480	19.234	ug/l	99
45) 1,2-Dichloropropane	9.12	63	360948	20.387	ug/l	99
46) Dibromomethane	9.21	93	216600	20.223	ug/l	98
47) Bromodichloromethane	9.41	83	453222	19.878	ug/l	100
48) Methyl methacrylate	9.20	41	240006	20.634	ug/l	99
49) 1,4-Dioxane	9.20	88	65125	416.461	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	1359226	105.911	ug/l	100
52) Toluene	10.16	92	833421	20.132	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	438072	20.065	ug/l	96
54) cis-1,3-Dichloropropene	9.84	75	516523	20.243	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	314189	20.383	ug/l	98
56) Ethyl methacrylate	10.43	69	376148	20.818	ug/l	99
57) 1,3-Dichloropropane	10.71	76	515935	20.641	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	802522	92.353	ug/l	99
59) 2-Hexanone	10.75	43	901047	106.177	ug/l	100
60) Dibromochloromethane	10.90	129	338385	20.311	ug/l	99
61) 1,2-Dibromoethane	11.01	107	296214	20.056	ug/l	98
64) Tetrachloroethene	10.63	164	475708	19.578	ug/l	99
65) Chlorobenzene	11.44	112	911362	19.468	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	329147	19.568	ug/l	98
67) Ethyl Benzene	11.51	91	1529216	19.762	ug/l	100
68) m/p-Xylenes	11.62	106	1198776	40.423	ug/l	99
69) o-Xylene	11.95	106	577442	20.337	ug/l	100
70) Styrene	11.97	104	938815	20.436	ug/l	99
71) Bromoform	12.13	173	229413	20.526	ug/l #	99
73) Isopropylbenzene	12.25	105	1517016	20.230	ug/l	100
74) N-amyl acetate	12.07	43	405230	19.784	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	351868	21.807	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	328776m	21.776	ug/l	
77) Bromobenzene	12.53	156	395449	19.394	ug/l	99
78) n-propylbenzene	12.59	91	1769847	20.594	ug/l	99
79) 2-Chlorotoluene	12.68	91	1082124	19.895	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1297455	20.822	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	87889	19.771	ug/l	98
82) 4-Chlorotoluene	12.78	91	1095140	20.025	ug/l	100
83) tert-Butylbenzene	13.00	119	1101849	20.584	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1333807	20.831	ug/l	99
85) sec-Butylbenzene	13.17	105	1482608	20.905	ug/l	100
86) p-Isopropyltoluene	13.29	119	1303666	21.222	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	708199	20.174	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	691746	20.132	ug/l	99
89) n-Butylbenzene	13.62	91	1032502	19.633	ug/l	100
90) Hexachloroethane	13.88	117	125713	19.482	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	704743	20.595	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	54897	20.375	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN063018\
Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	285830	18.090	ug/l	100
94) Hexachlorobutadiene	15.01	225	224749	21.192	ug/l	99
95) Naphthalene	15.14	128	578005	17.937	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	297277	19.101	ug/l	98

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

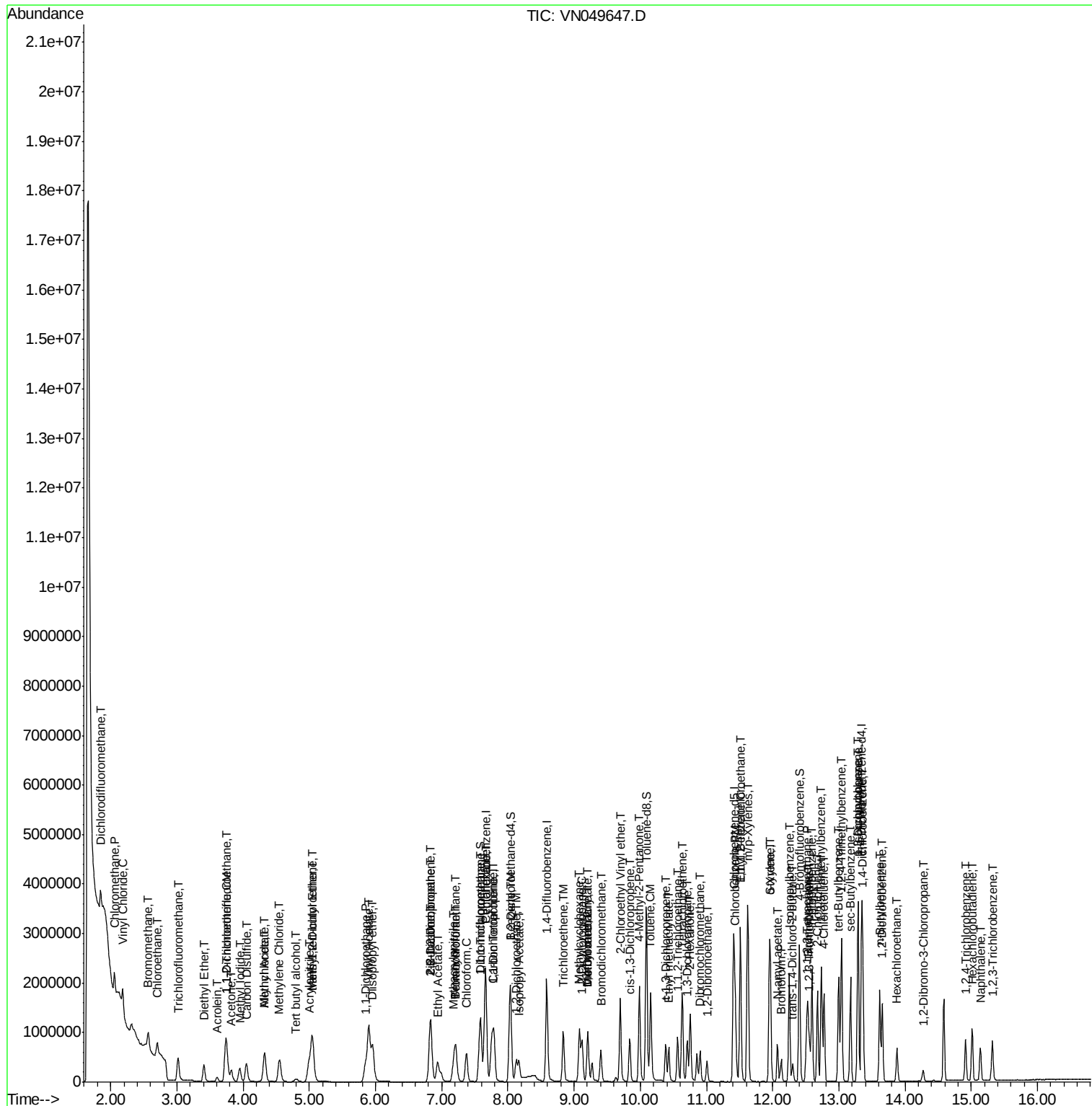
Data File : VN049647.D
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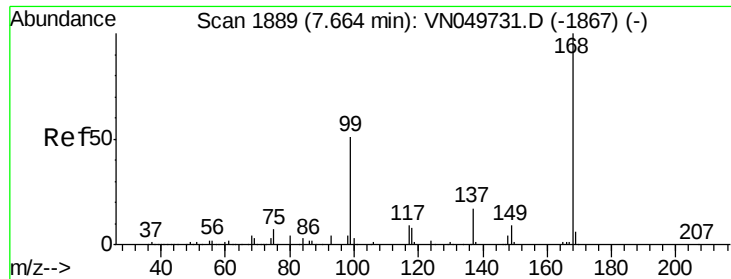
Instrument :
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Manual Integrations
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN049647.D

Acq: 30 Jun 2018 14:52

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBSD01

Tgt Ion:168 Resp: 1326934

Ion Ratio Lower Upper

168 100

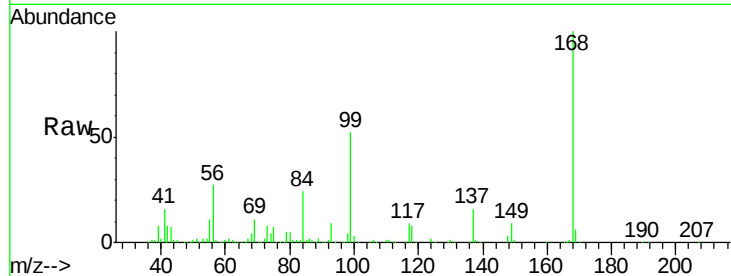
99 51.3 40.6 61.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

600000

500000

400000

300000

200000

100000

0

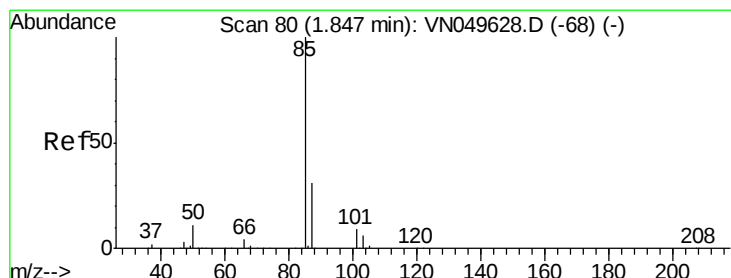
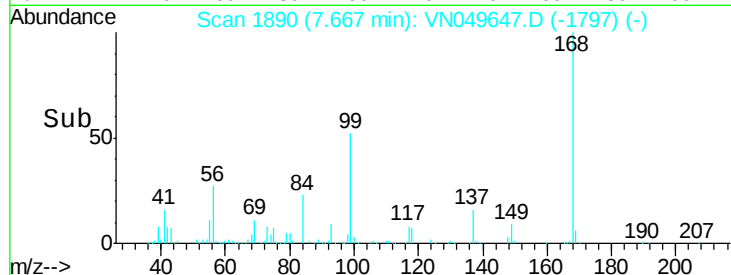
7.67

7.60

7.70

7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.983 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN049647.D

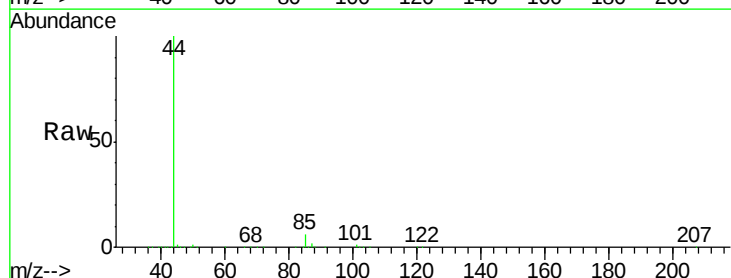
Acq: 30 Jun 2018 14:52

Tgt Ion: 85 Resp: 298830

Ion Ratio Lower Upper

85 100

87 32.1 15.4 46.1



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

250000

200000

150000

100000

50000

0

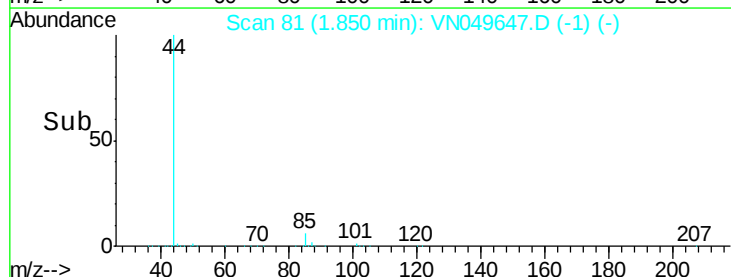
1.85

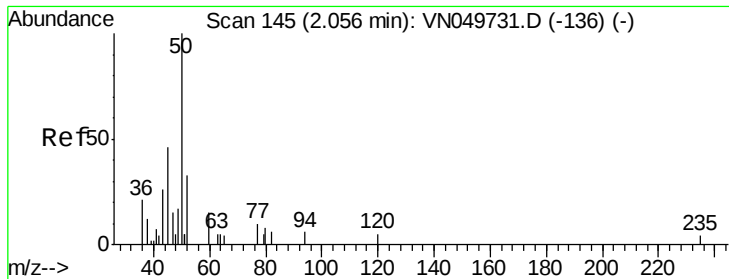
1.80

1.90

1.95

Time-->





#3

Chloromethane

Concen: 18.617 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049647.D

Acq: 30 Jun 2018 14:52

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBSD01

Tgt Ion: 50 Resp: 347709

Ion Ratio Lower Upper

50 100

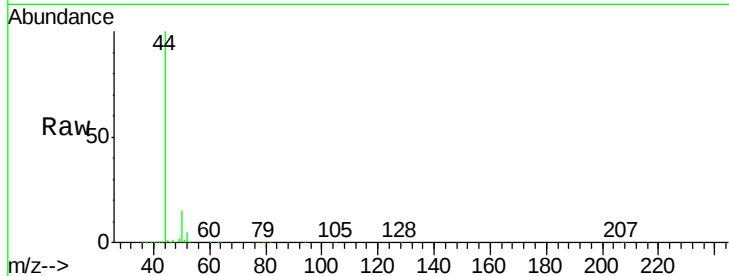
52 32.2 26.1 39.1

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.06

250000

200000

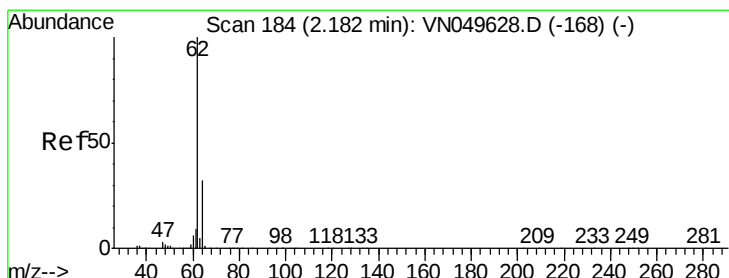
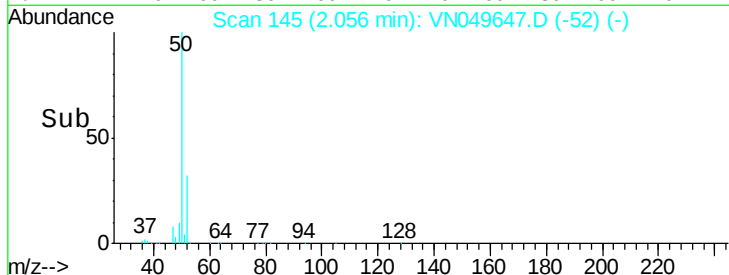
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 18.851 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN049647.D

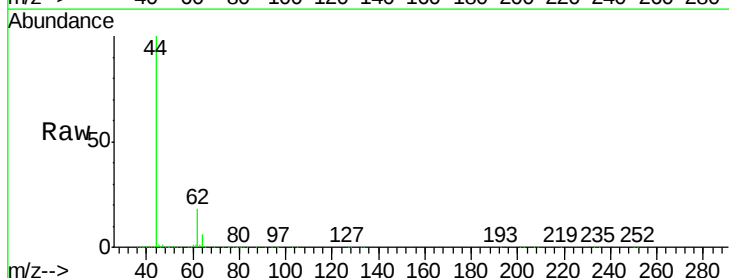
Acq: 30 Jun 2018 14:52

Tgt Ion: 62 Resp: 378143

Ion Ratio Lower Upper

62 100

64 31.2 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.18

250000

200000

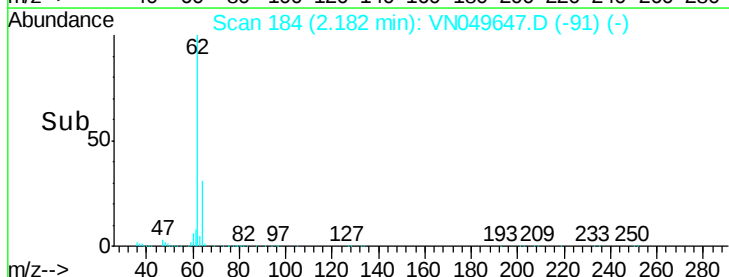
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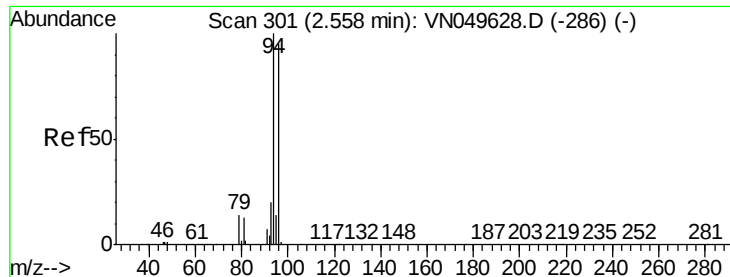
100000

50000

0

Time-->





#5

Bromomethane

Concen: 18.620 ug/l

RT: 2.57 min Scan# 304

Delta R.T. 0.01 min

Lab File: VN049647.D

Acq: 30 Jun 2018 14:52

Instrument :

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ClientSampleId :

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Tgt Ion: 94 Resp: 196195

Ion Ratio Lower Upper

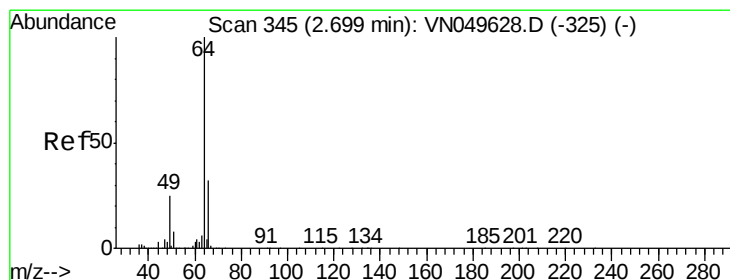
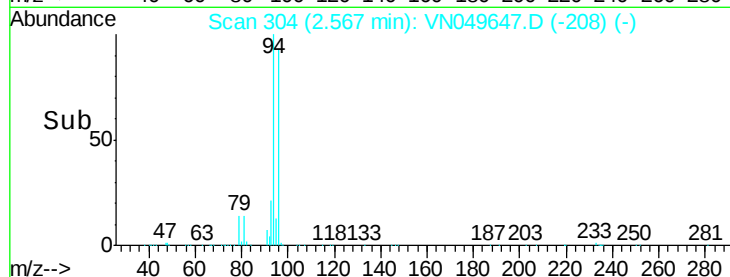
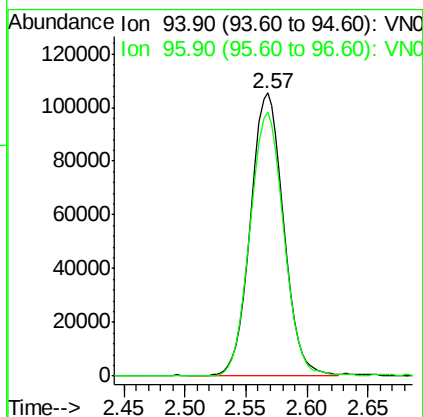
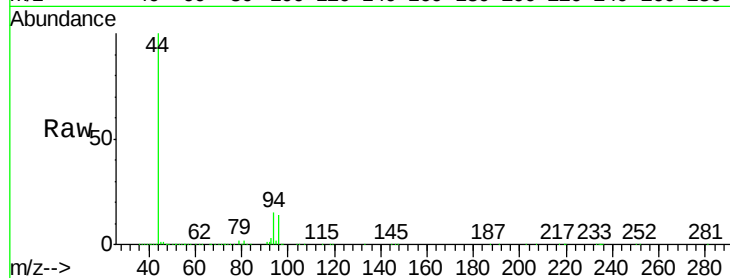
94 100

96 93.5 75.7 113.5

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#6

Chloroethane

Concen: 19.031 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN049647.D

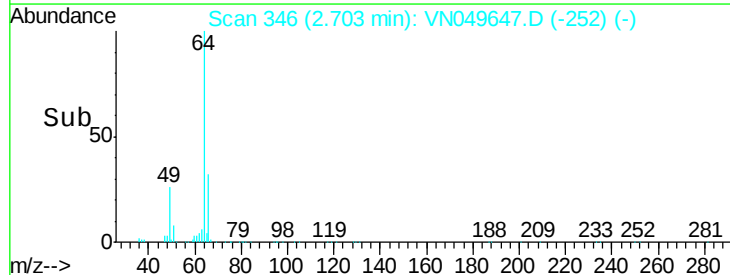
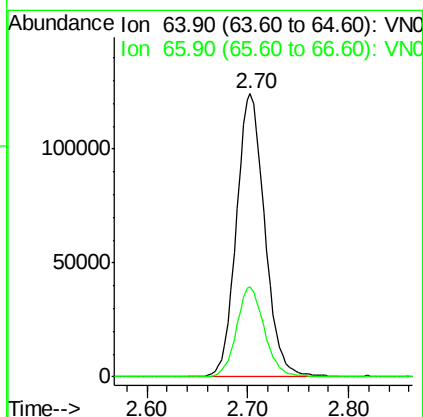
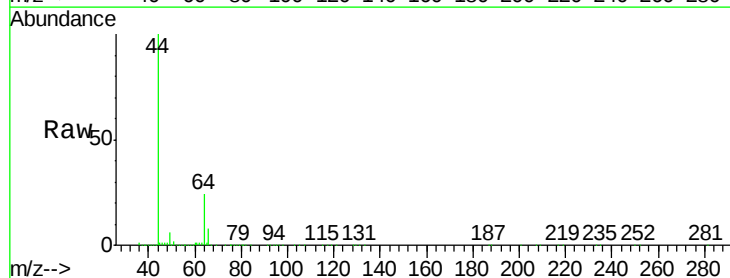
Acq: 30 Jun 2018 14:52

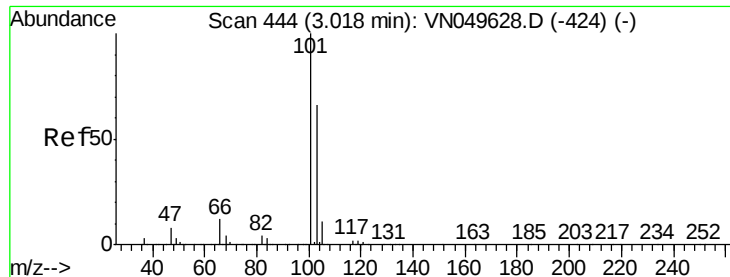
Tgt Ion: 64 Resp: 241626

Ion Ratio Lower Upper

64 100

66 31.8 25.6 38.4





#7

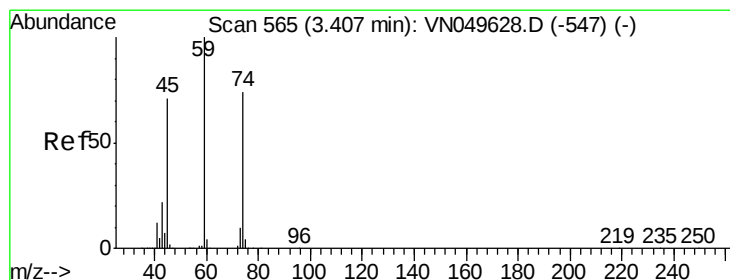
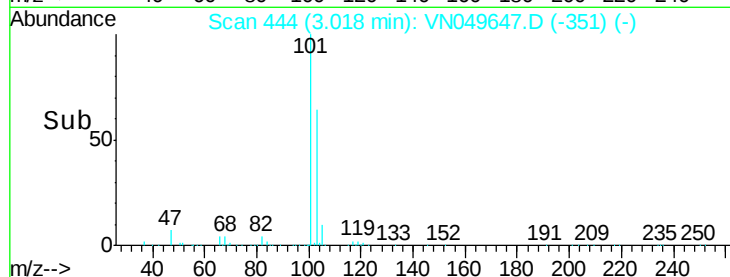
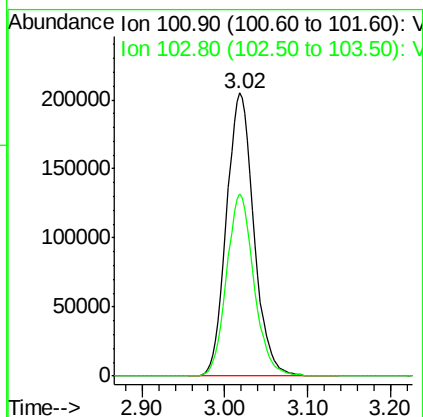
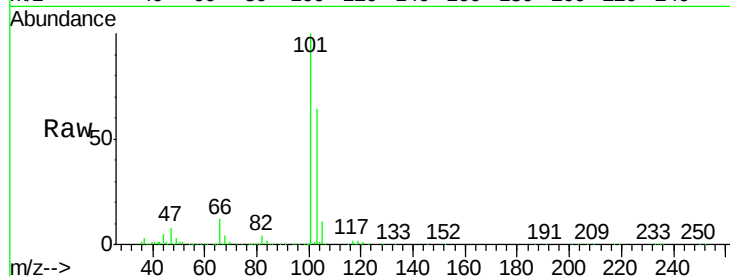
Trichlorofluoromethane
Concen: 20.566 ug/l
RT: 3.02 min Scan# 444
Delta R.T. -0.00 min
Lab File: VN049647.D
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Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.4	52.8	79.2

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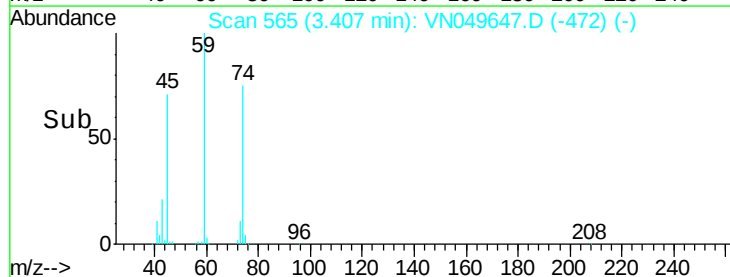
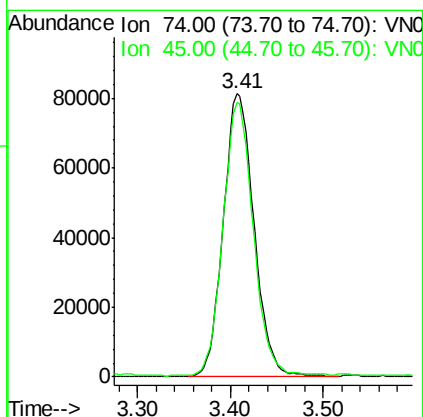
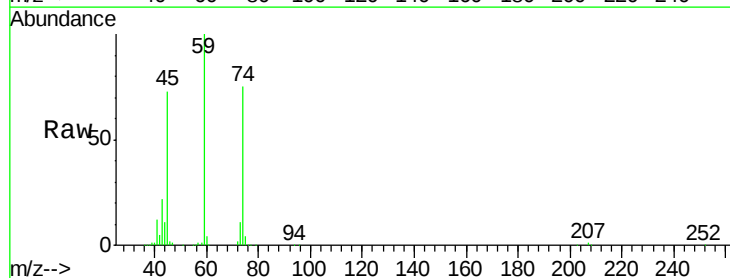
apatel
7/2/2018 4:18:12 PM

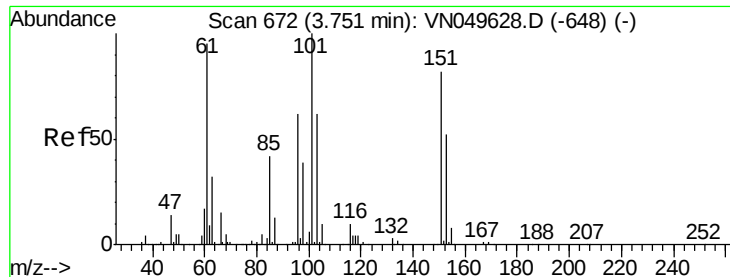


#8

Diethyl Ether
Concen: 20.183 ug/l
RT: 3.41 min Scan# 565
Delta R.T. -0.00 min
Lab File: VN049647.D
Acq: 30 Jun 2018 14:52

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.0	48.4	145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.617 ug/l

RT: 3.75 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN049647.D

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MSVOA_N

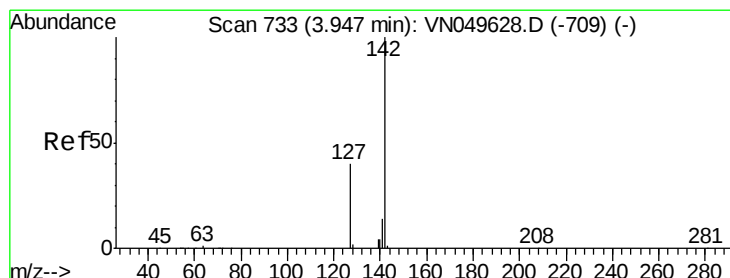
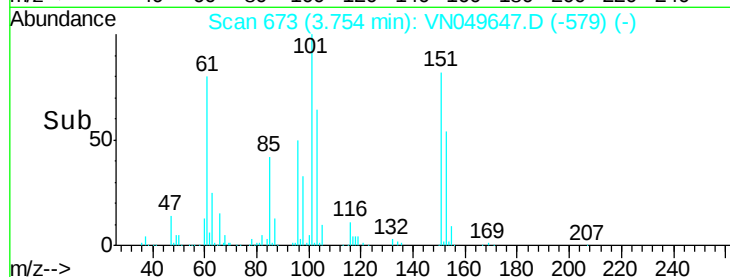
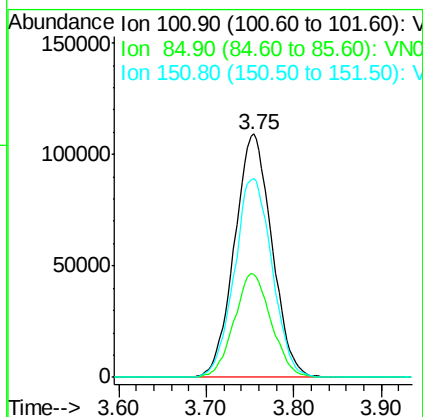
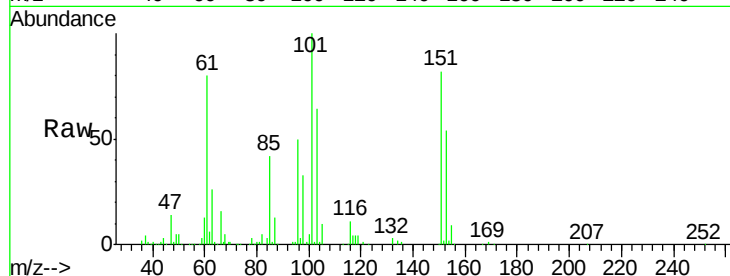
ClientSampled :

VN0630WBSD01

Tgt Ion:	101	Resp:	323396
Ion Ratio	Lower	Upper	
101	100		
85	42.3	34.4	51.6
151	82.5	66.2	99.4

Manual Integrations
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#10

Methyl Iodide

Concen: 21.798 ug/l

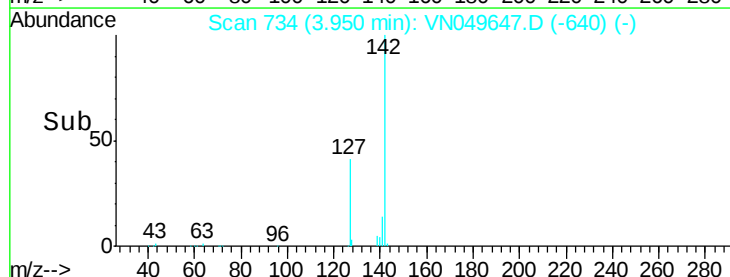
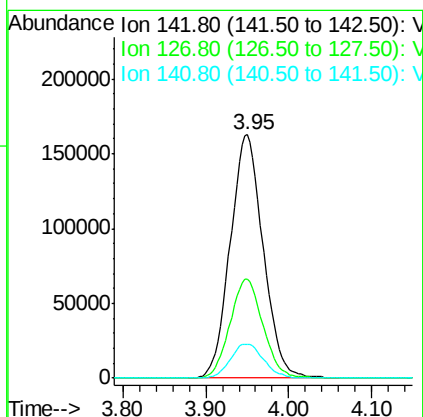
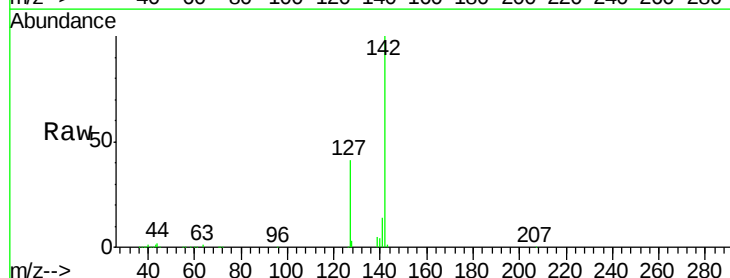
RT: 3.95 min Scan# 734

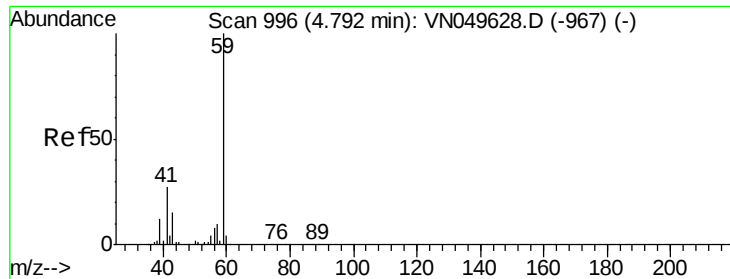
Delta R.T. 0.00 min

Lab File: VN049647.D

Acq: 30 Jun 2018 14:52

Tgt Ion:	142	Resp:	449733
Ion Ratio	Lower	Upper	
142	100		
127	40.8	32.5	48.7
141	14.2	11.1	16.7





#11

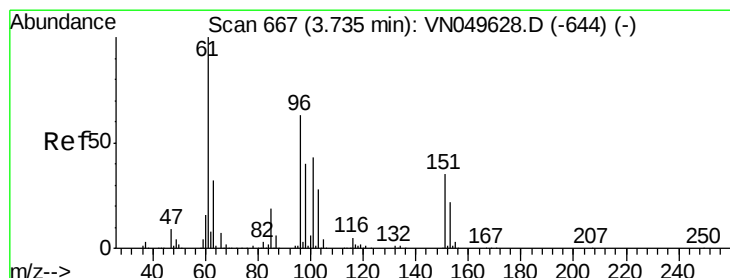
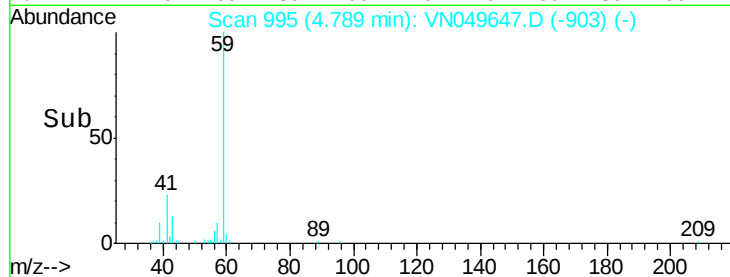
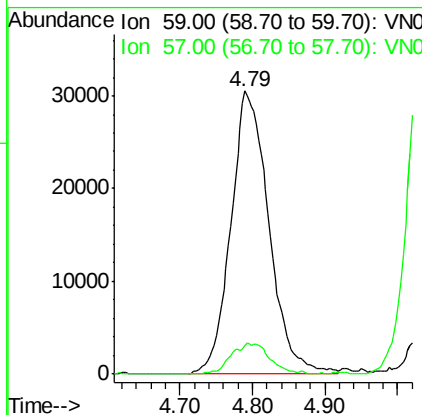
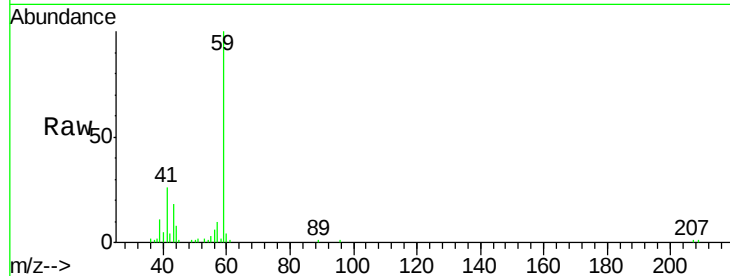
Tert butyl alcohol
 Concen: 110.718 ug/l
 RT: 4.79 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: VN049647.D
 Acq: 30 Jun 2018 14:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBSD01

Tgt Ion	Ratio	Lower	Upper
59	100		
57	6.0	8.5	12.7#

Manual Integrations
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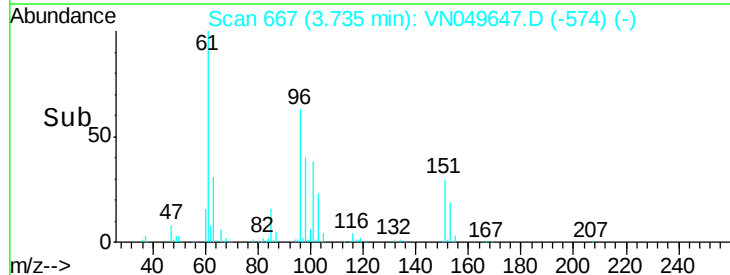
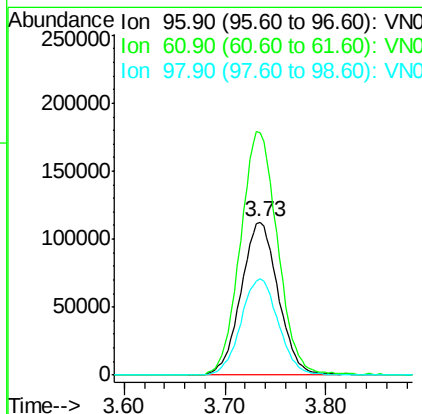
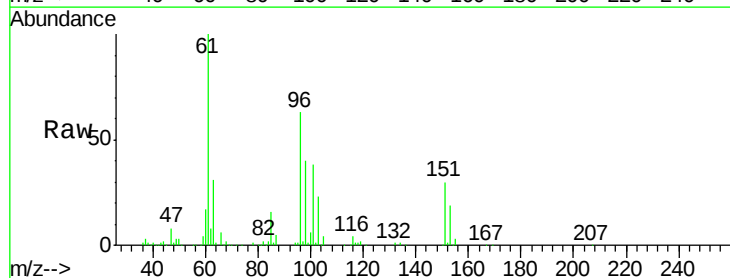
apatel
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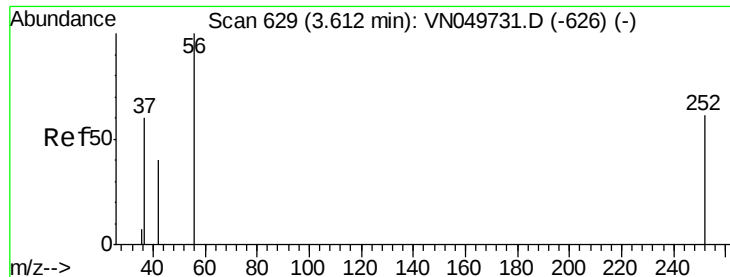


#12

1,1-Dichloroethene
 Concen: 18.390 ug/l
 RT: 3.73 min Scan# 667
 Delta R.T. -0.00 min
 Lab File: VN049647.D
 Acq: 30 Jun 2018 14:52

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.3	126.5	189.7
98	62.5	51.0	76.6





#13

Acrolein

Concen: 112.848 ug/l

RT: 3.61 min Scan# 627

Delta R.T. -0.00 min

Lab File: VN049647.D

Acq: 30 Jun 2018 14:52

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBSD01

Tgt Ion: 56 Resp: 105995

Ion Ratio Lower Upper

56 100

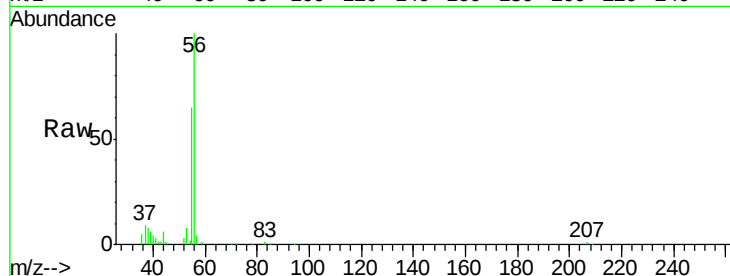
55 68.5 55.8 83.8

Manual Integrations

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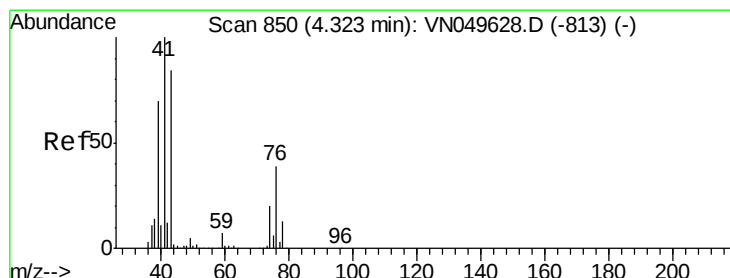
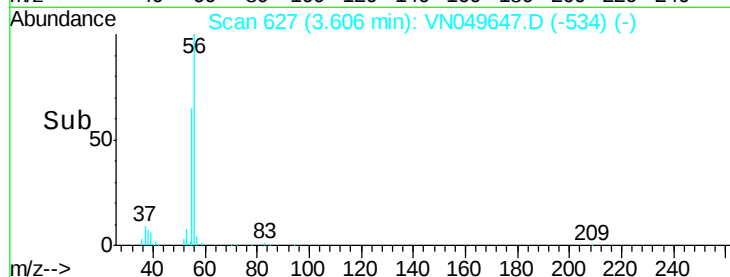
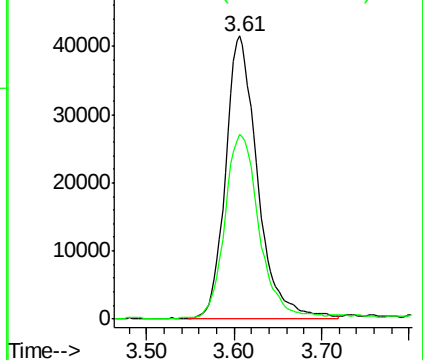
apatel

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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: 21.503 ug/l

RT: 4.32 min Scan# 849

Delta R.T. -0.00 min

Lab File: VN049647.D

Acq: 30 Jun 2018 14:52

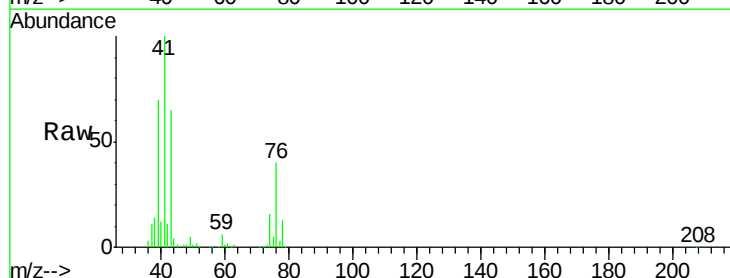
Tgt Ion: 41 Resp: 460329

Ion Ratio Lower Upper

41 100

39 67.0 53.2 79.8

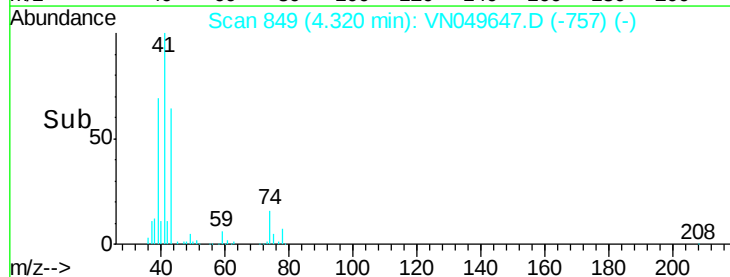
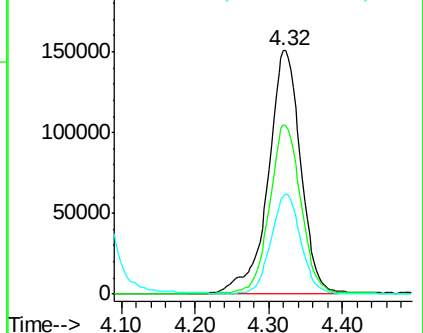
76 37.1 29.0 43.6

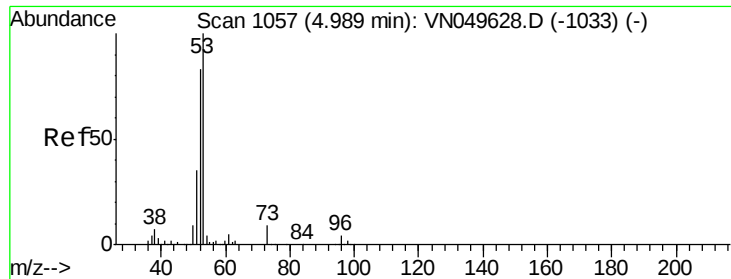


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 103.385 ug/l

RT: 4.99 min Scan# 1058

Delta R.T. 0.00 min

Lab File: VN049647.D

Acq: 30 Jun 2018 14:52

Instrument :

MSVOA_N

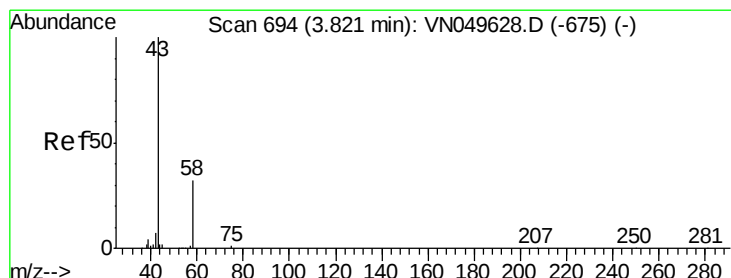
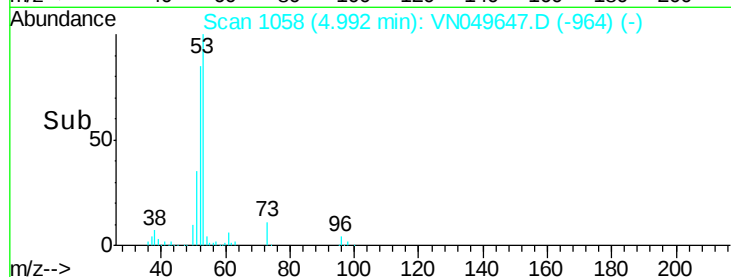
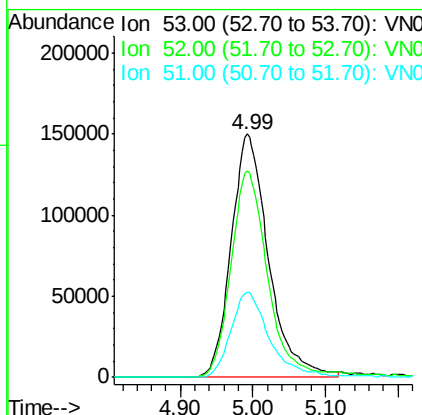
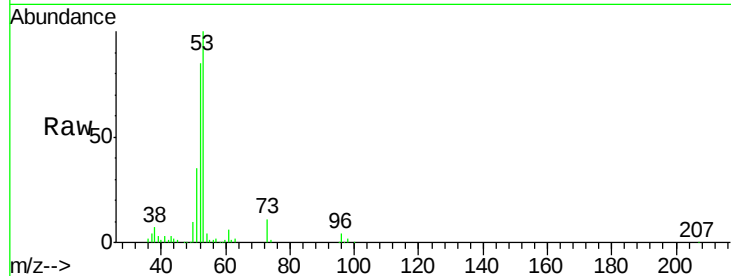
ClientSampled :

VN0630WBSD01

Tgt Ion:	53	Resp:	536937
Ion Ratio		Lower	Upper
53	100		
52	84.1	64.8	97.2
51	35.4	28.9	43.3

Manual Integrations
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#16

Acetone

Concen: 107.177 ug/l

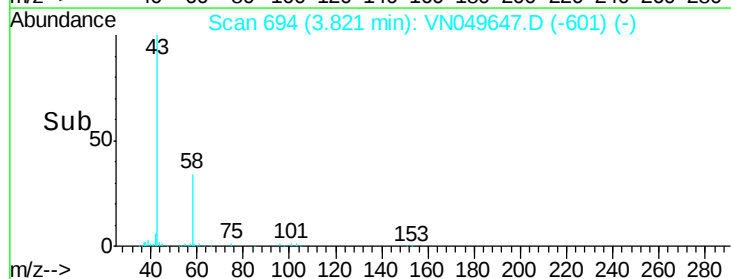
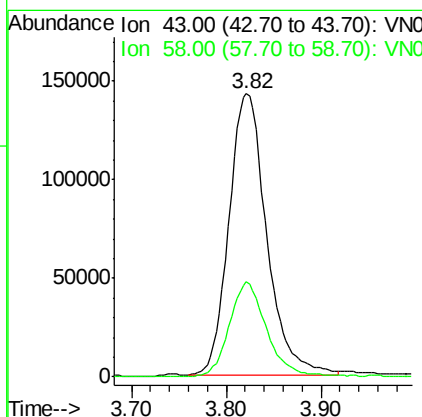
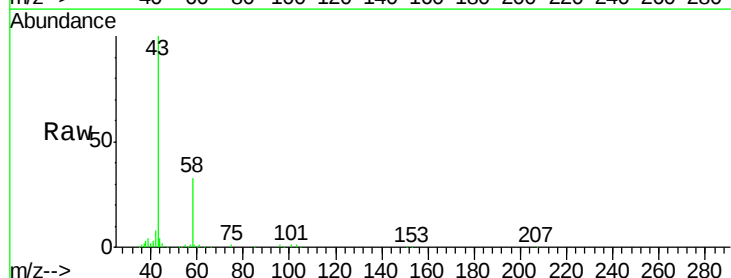
RT: 3.82 min Scan# 694

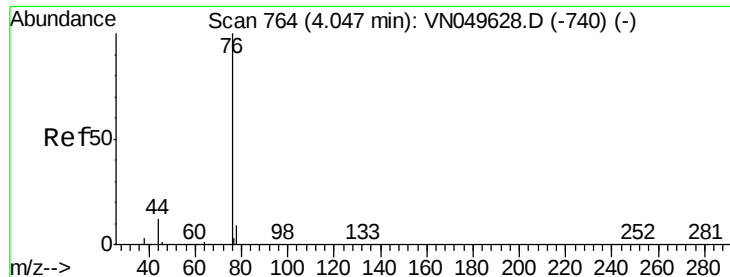
Delta R.T. 0.00 min

Lab File: VN049647.D

Acq: 30 Jun 2018 14:52

Tgt Ion:	43	Resp:	393238
Ion Ratio		Lower	Upper
43	100		
58	33.5	25.9	38.9





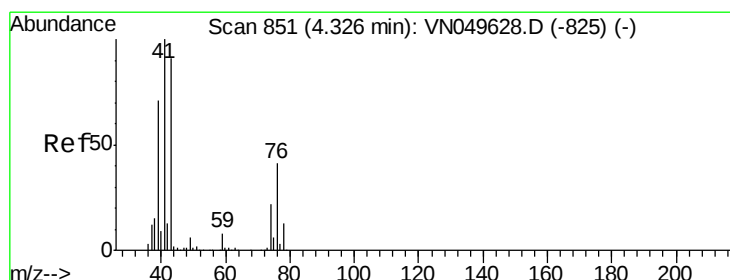
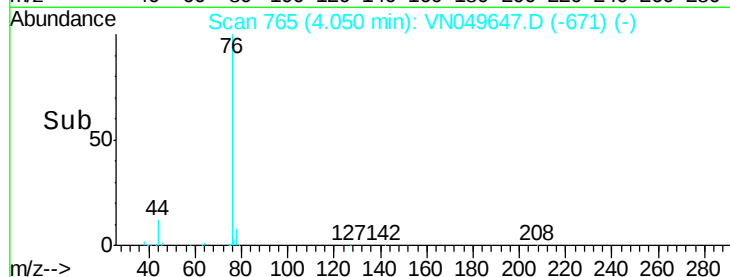
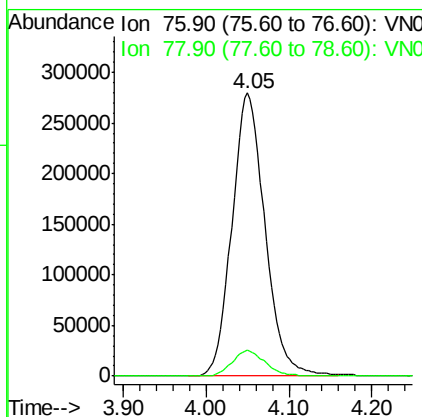
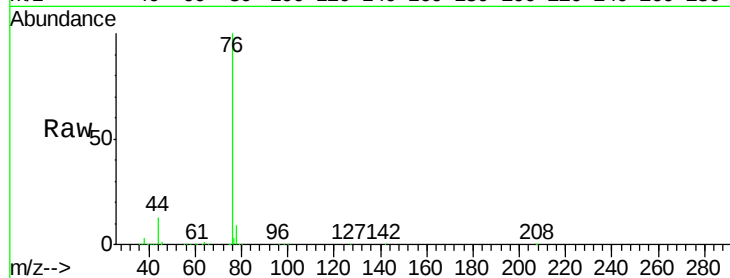
#17
Carbon Disulfide
Concen: 17.834 ug/l
RT: 4.05 min Scan# 765
Delta R.T. 0.00 min
Lab File: VN049647.D
Acq: 30 Jun 2018 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN0630WBSD01

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.1	10.7

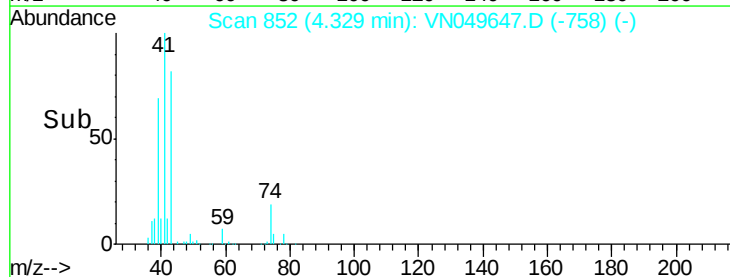
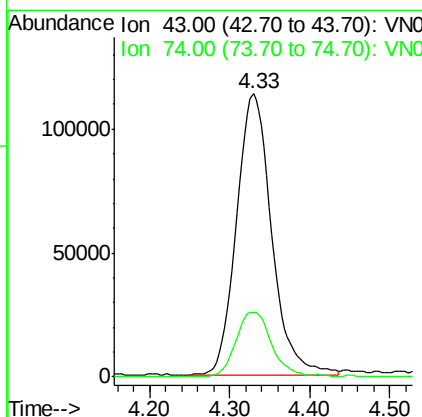
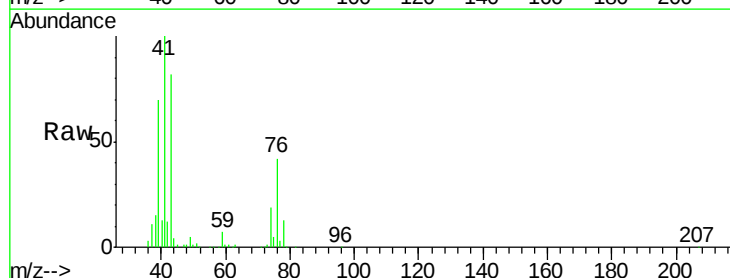
Manual Integrations
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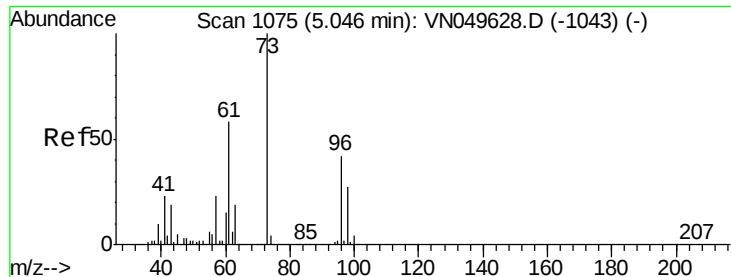
apatel
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#18
Methyl Acetate
Concen: 18.319 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049647.D
Acq: 30 Jun 2018 14:52

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.3	19.8	29.8





#19

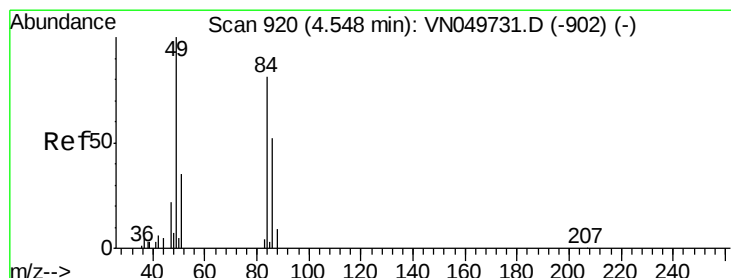
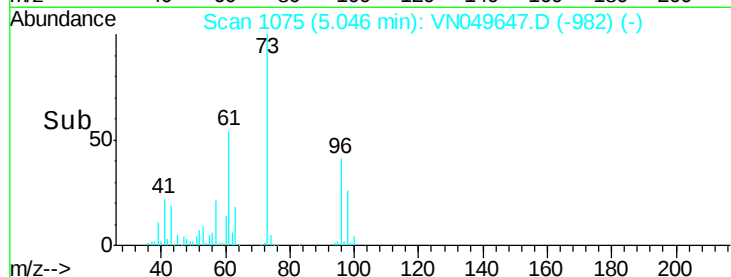
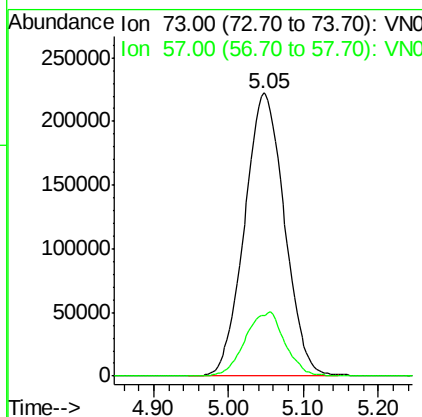
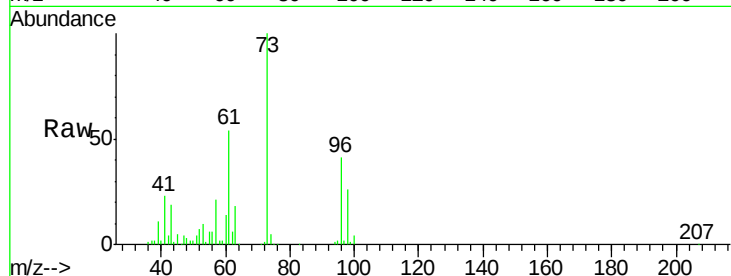
Methyl tert-butyl Ether
 Concen: 20.554 ug/l
 RT: 5.05 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VN049647.D
 Acq: 30 Jun 2018 14:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBSD01

Tgt Ion: 73 Resp: 825792
 Ion Ratio Lower Upper
 73 100
 57 21.3 18.1 27.1

Manual Integrations
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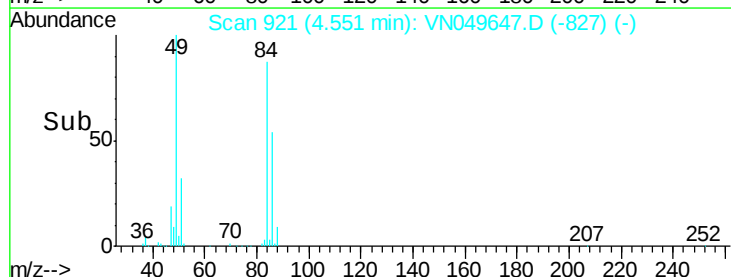
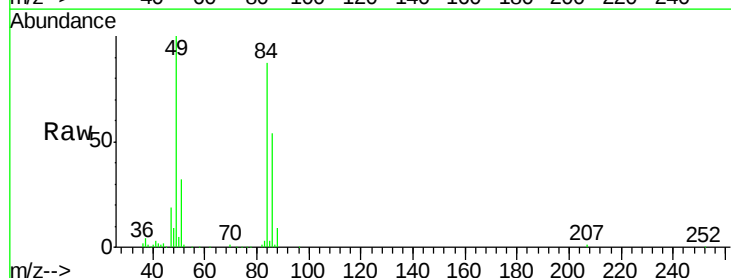
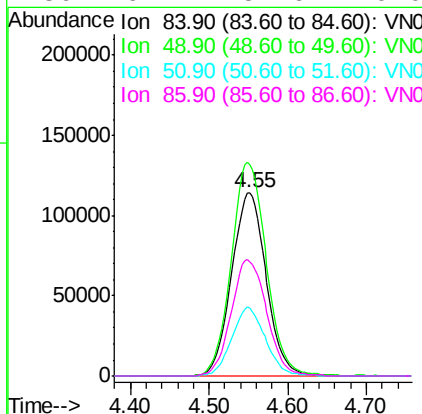
apatel
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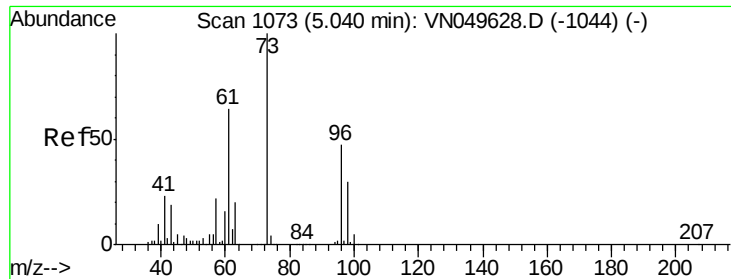


#20

Methylene Chloride
 Concen: 19.495 ug/l
 RT: 4.55 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VN049647.D
 Acq: 30 Jun 2018 14:52

Tgt Ion: 84 Resp: 351782
 Ion Ratio Lower Upper
 84 100
 49 115.2 95.4 143.2
 51 37.0 28.4 42.6
 86 62.2 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 18.907 ug/l

RT: 5.04 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VN049647.D

Acq: 30 Jun 2018 14:52

Instrument :

MSVOA_N

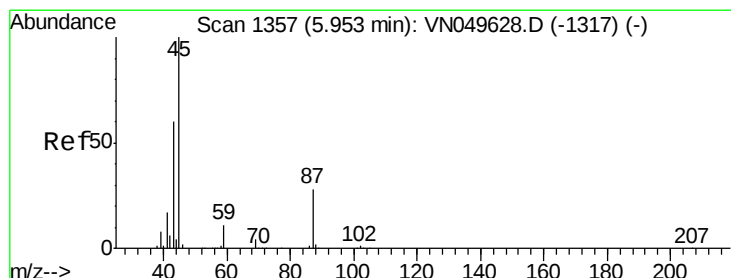
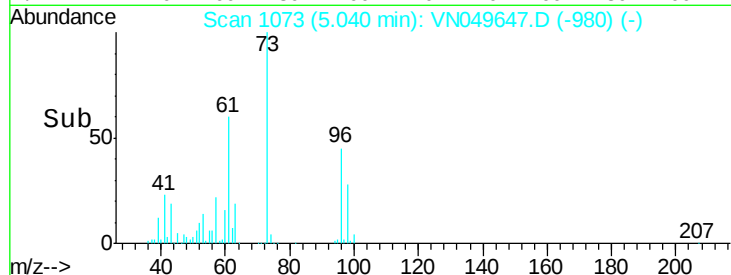
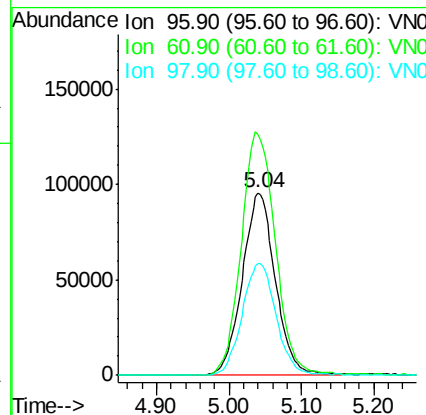
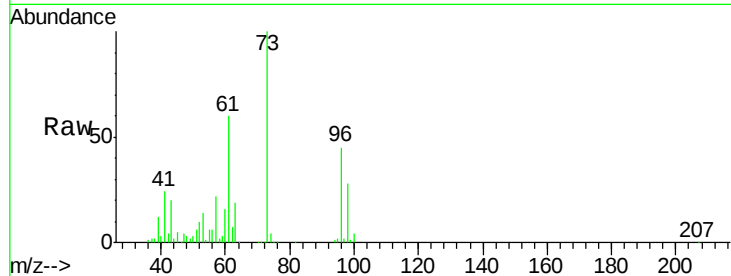
ClientSampled :

VN0630WBSD01

Tgt Ion:	96	Resp:	303272
Ion	Ratio	Lower	Upper
96	100		
61	132.2	109.0	163.6
98	61.0	51.1	76.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.448 ug/l

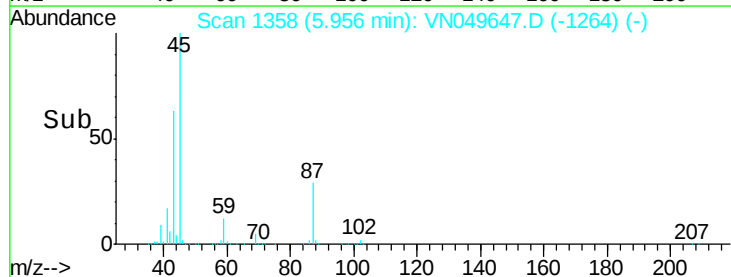
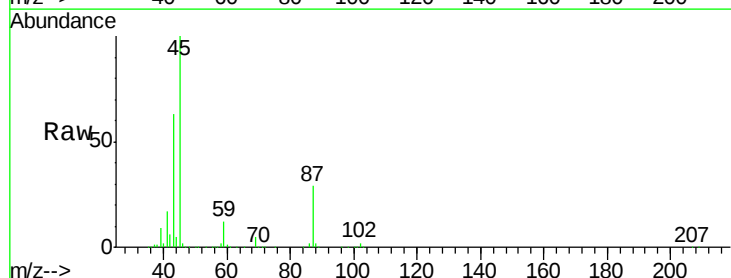
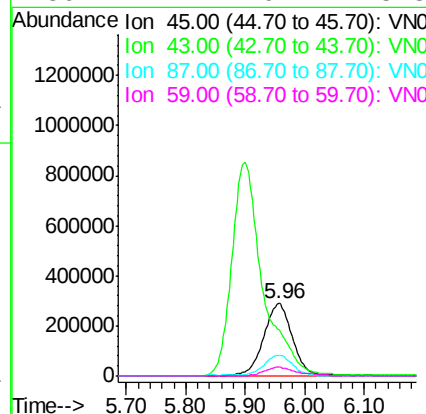
RT: 5.96 min Scan# 1358

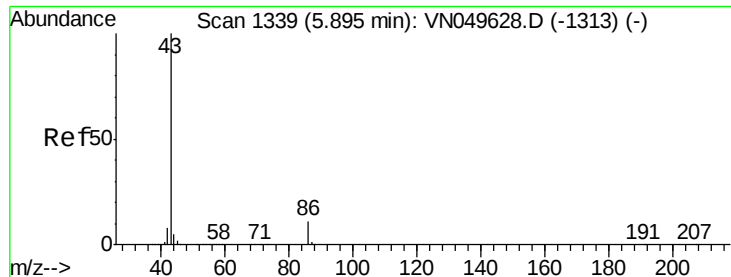
Delta R.T. 0.00 min

Lab File: VN049647.D

Acq: 30 Jun 2018 14:52

Tgt Ion:	45	Resp:	990412
Ion	Ratio	Lower	Upper
45	100		
43	63.3	48.1	72.1
87	28.5	22.6	34.0
59	12.1	9.2	13.8





#23

Vinyl Acetate

Concen: 98.184 ug/l

RT: 5.90 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VN049647.D

Acq: 30 Jun 2018 14:52

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBSD01

Tgt Ion: 43 Resp: 3083861

Ion Ratio Lower Upper

43 100

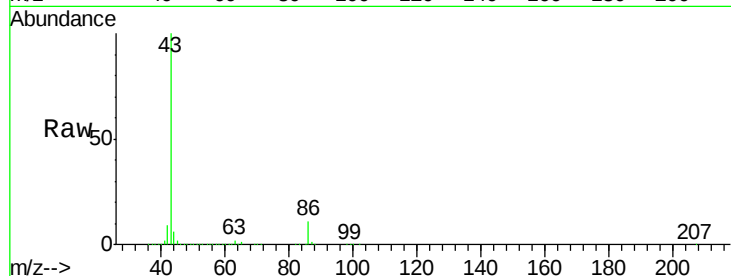
86 10.7 8.4 12.6

Manual Integrations

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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

800000

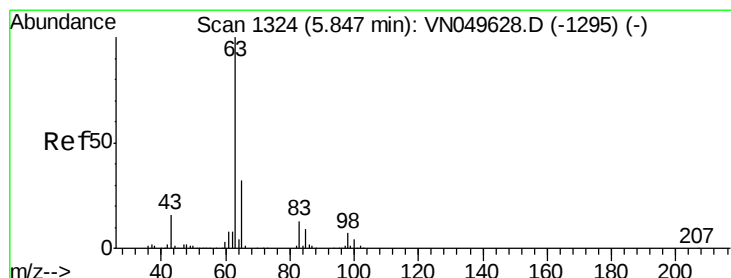
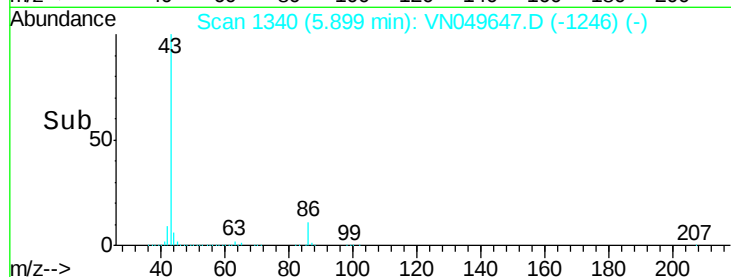
600000

400000

200000

0

Time--> 5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 19.580 ug/l

RT: 5.85 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VN049647.D

Acq: 30 Jun 2018 14:52

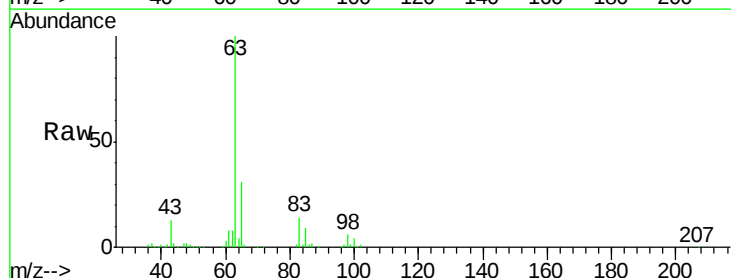
Tgt Ion: 63 Resp: 597446

Ion Ratio Lower Upper

63 100

98 6.3 3.4 10.2

100 4.5 2.2 6.6



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

5.85

250000

200000

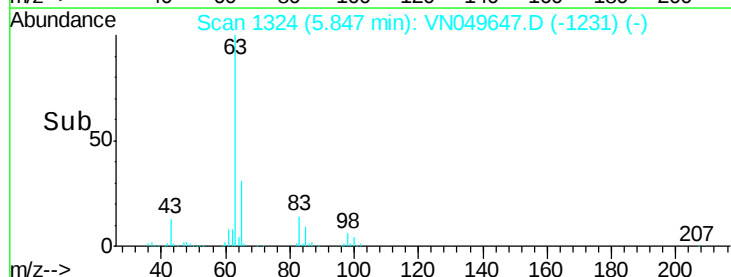
150000

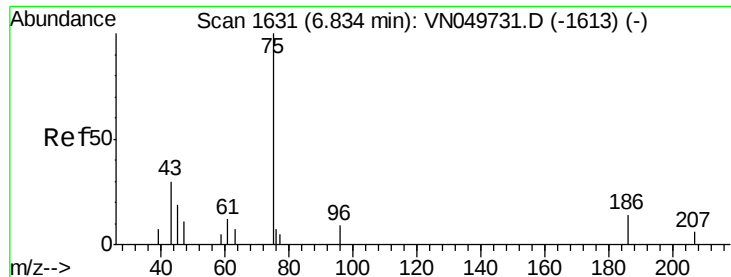
100000

50000

0

Time--> 5.70 5.80 5.90 6.00





#25

2-Butanone

Concen: 103.901 ug/l

RT: 6.84 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VN049647.D

Acq: 30 Jun 2018 14:52

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBSD01

Tgt Ion: 43 Resp: 604433

Ion Ratio Lower Upper

43 100

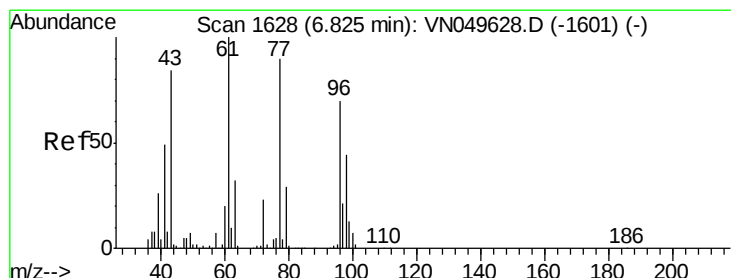
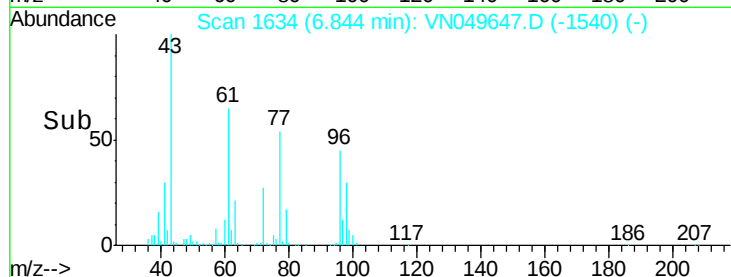
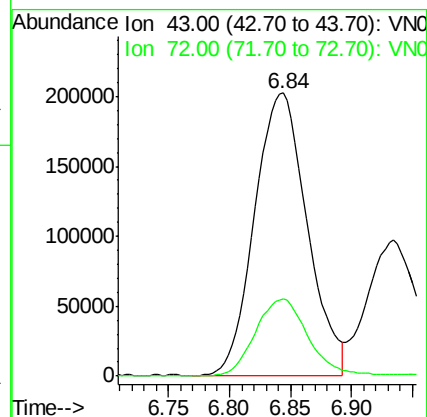
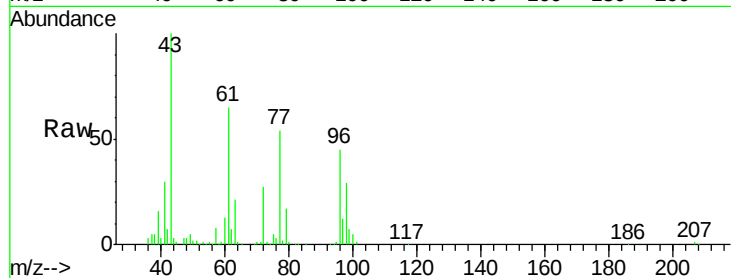
72 27.3 22.1 33.1

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#26

2,2-Dichloropropane

Concen: 19.939 ug/l

RT: 6.82 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VN049647.D

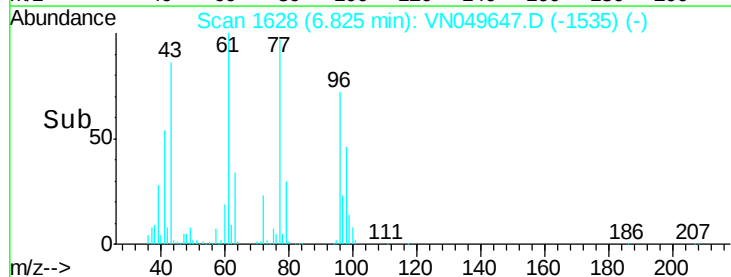
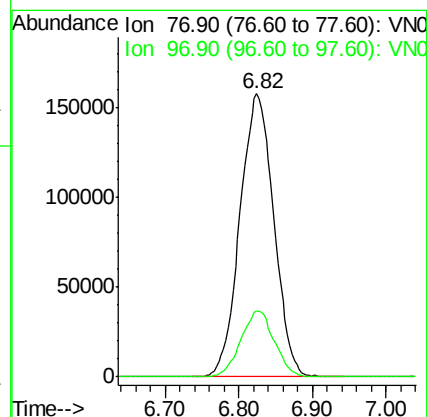
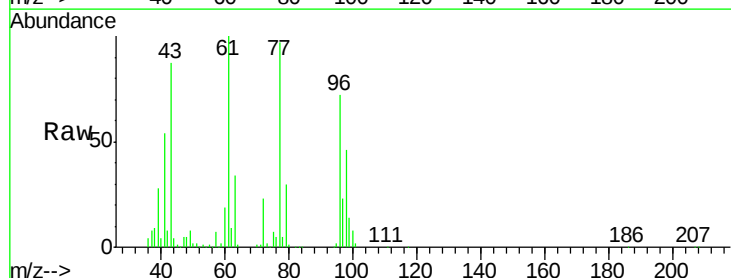
Acq: 30 Jun 2018 14:52

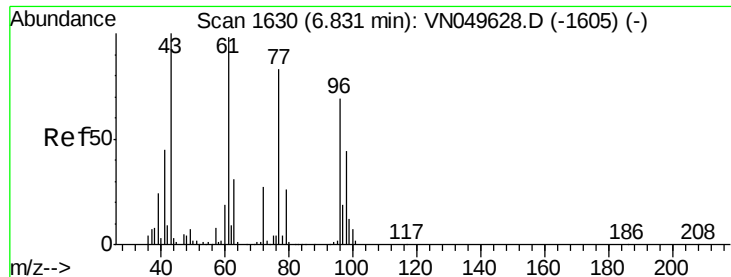
Tgt Ion: 77 Resp: 505313

Ion Ratio Lower Upper

77 100

97 23.0 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 19.817 ug/l

RT: 6.83 min Scan# 1629

Delta R.T. -0.00 min

Lab File: VN049647.D

Acq: 30 Jun 2018 14:52

Instrument :

MSVOA_N

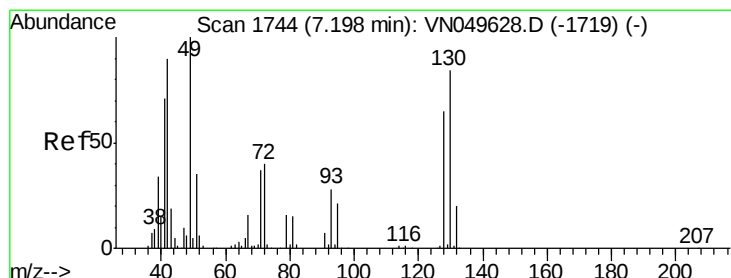
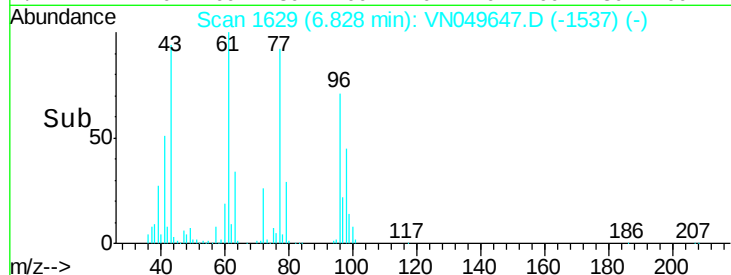
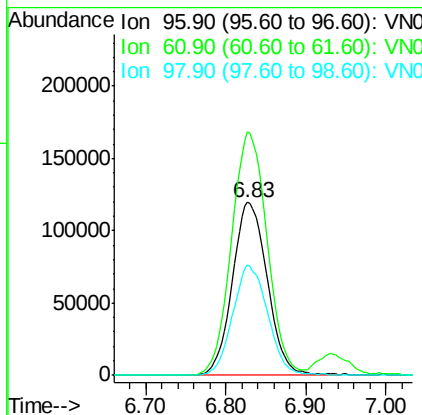
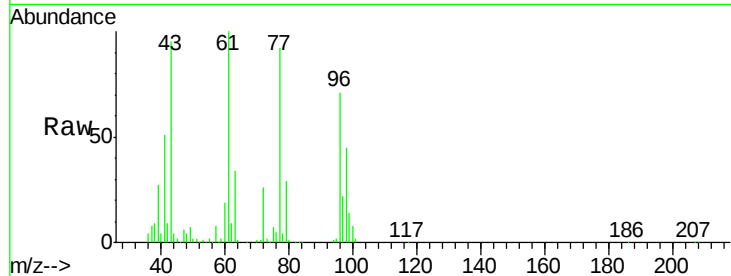
ClientSampleId :

VN0630WBSD01

Tgt Ion:	96	Resp:	355063
Ion Ratio	Lower	Upper	
96	100		
61	142.8	0.0	289.0
98	63.6	0.0	130.2

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#28

Bromochloromethane

Concen: 18.872 ug/l

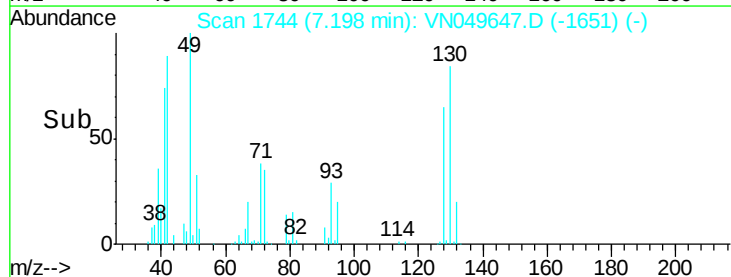
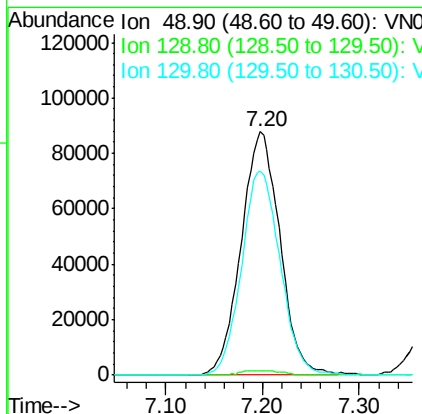
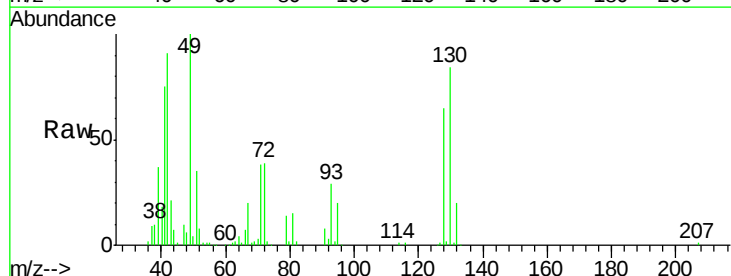
RT: 7.20 min Scan# 1744

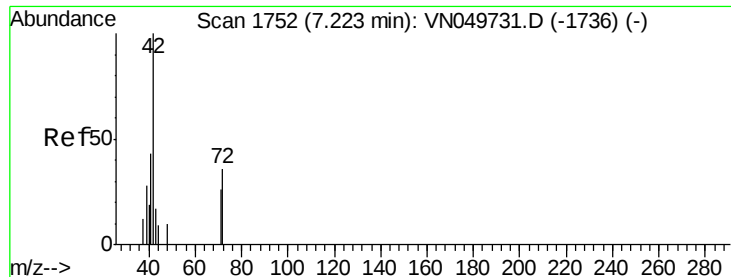
Delta R.T. -0.00 min

Lab File: VN049647.D

Acq: 30 Jun 2018 14:52

Tgt Ion:	49	Resp:	244402
Ion Ratio	Lower	Upper	
49	100		
129	1.0	0.0	4.2
130	83.6	65.5	98.3





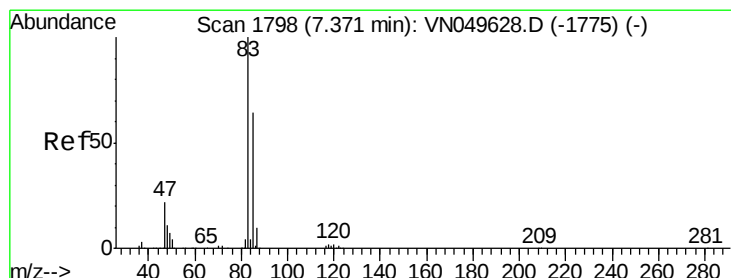
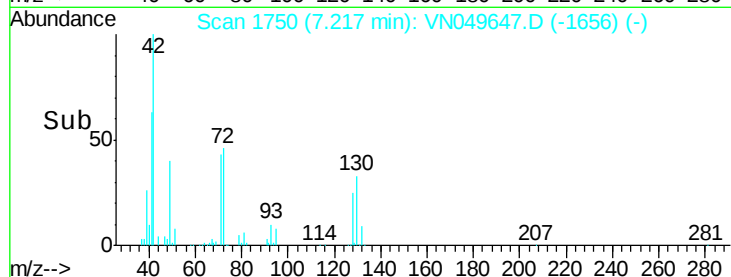
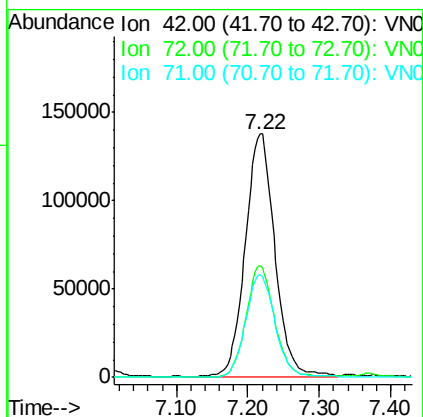
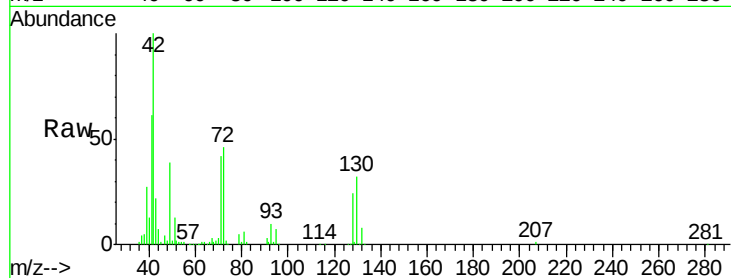
#29
Tetrahydrofuran
Concen: 107.128 ug/l
RT: 7.22 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VN049647.D
Acq: 30 Jun 2018 14:52

Instrument :
MSVOA_N
ClientSampled :
VN0630WBSD01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	44.5	35.6	53.4
71	41.9	34.0	51.0

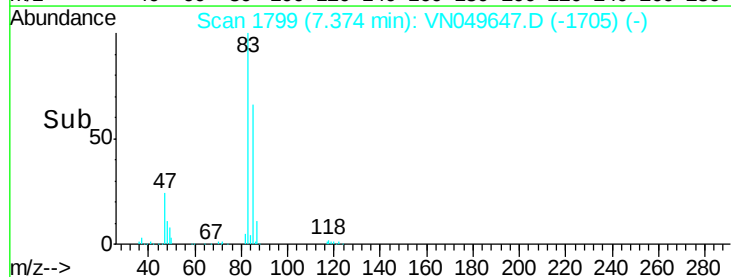
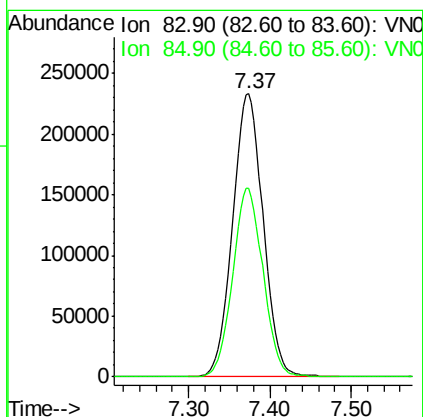
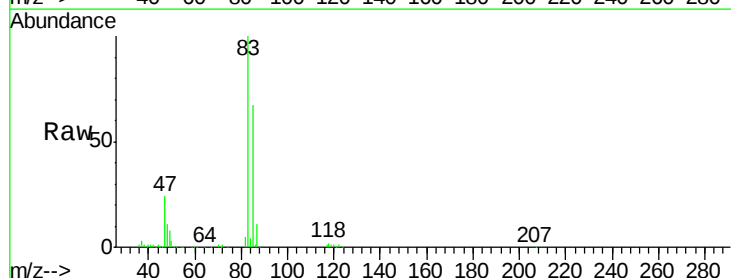
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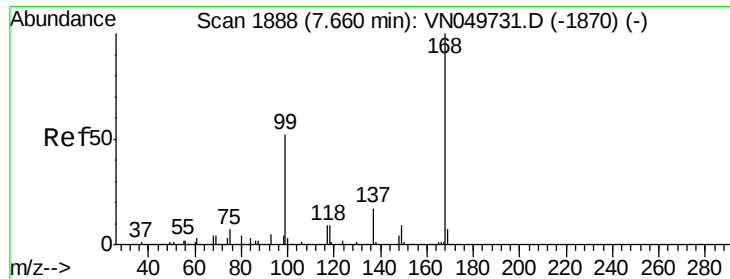
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#30
Chloroform
Concen: 19.533 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN049647.D
Acq: 30 Jun 2018 14:52

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.5	51.4	77.2





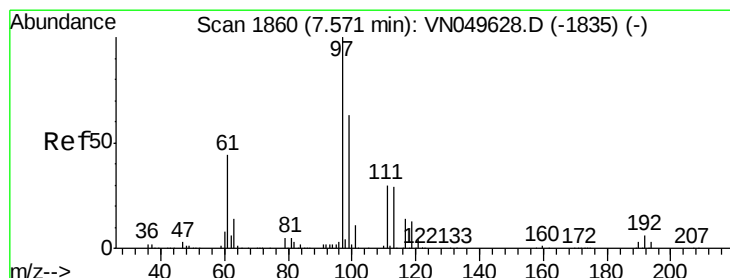
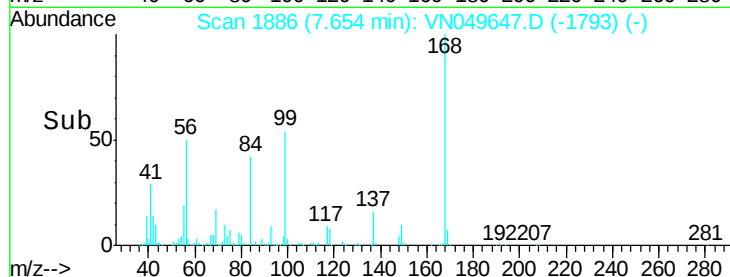
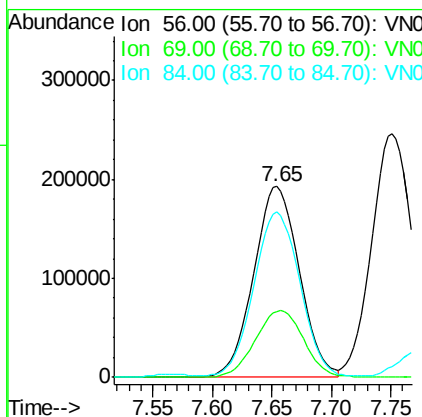
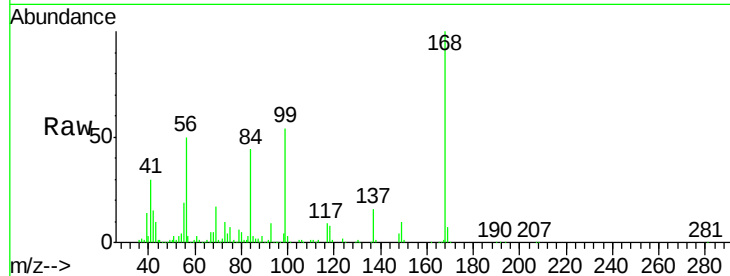
#31
Cyclohexane
Concen: 19.152 ug/l
RT: 7.65 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VN049647.D
Acq: 30 Jun 2018 14:52

Instrument :
MSVOA_N
ClientSampled :
VN0630WBSD01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	34.6	26.6	40.0
84	85.7	69.0	103.6

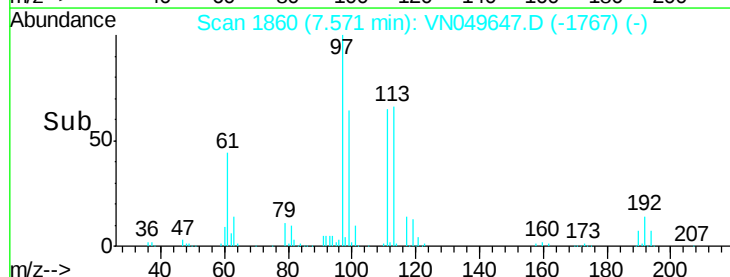
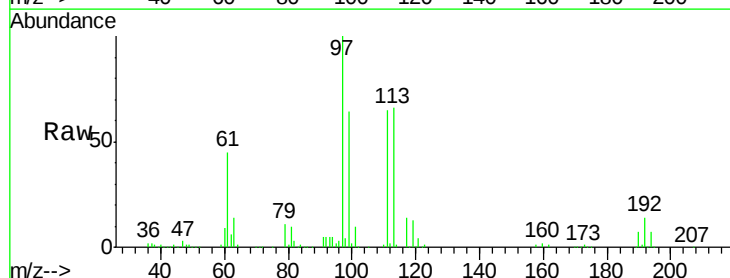
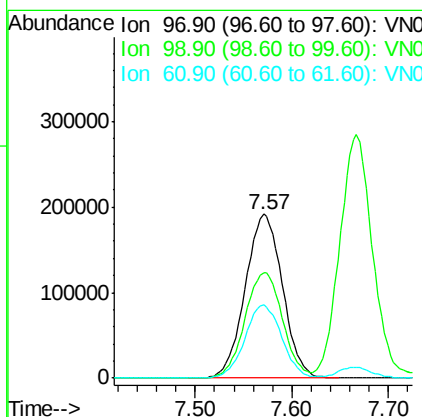
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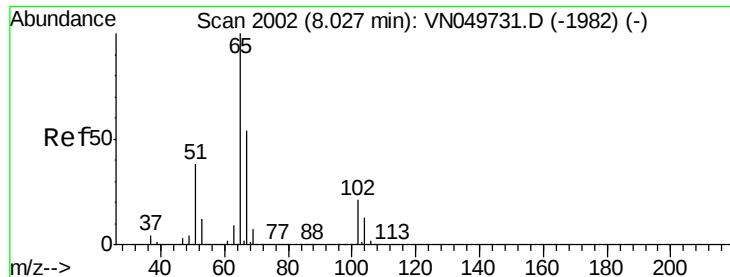
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#32
1,1,1-Trichloroethane
Concen: 19.470 ug/l
RT: 7.57 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN049647.D
Acq: 30 Jun 2018 14:52

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.0	76.4
61	44.2	35.5	53.3





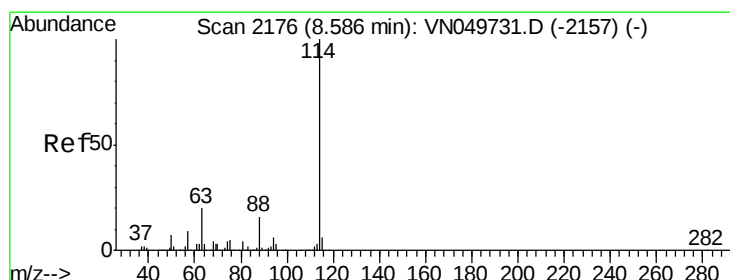
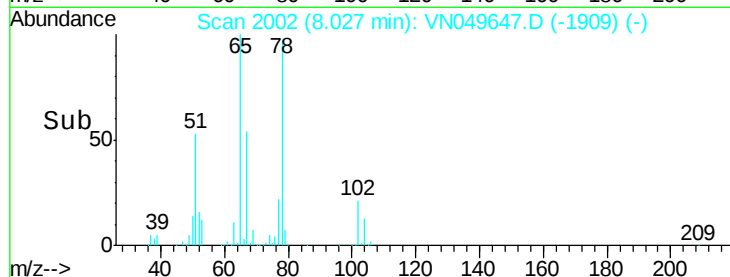
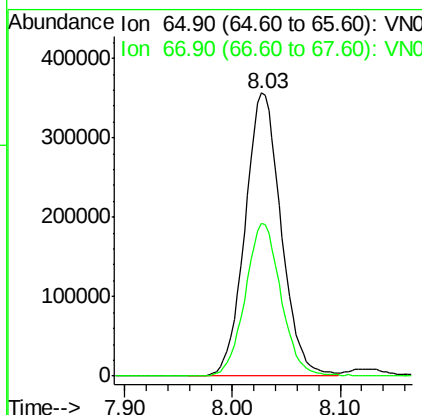
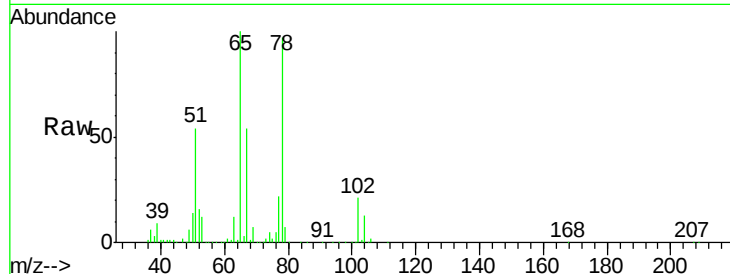
#33
 1,2-Dichloroethane-d4
 Concen: 47.151 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: VN049647.D
 Acq: 30 Jun 2018 14:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	826239		
67	53.5	0.0	107.2	

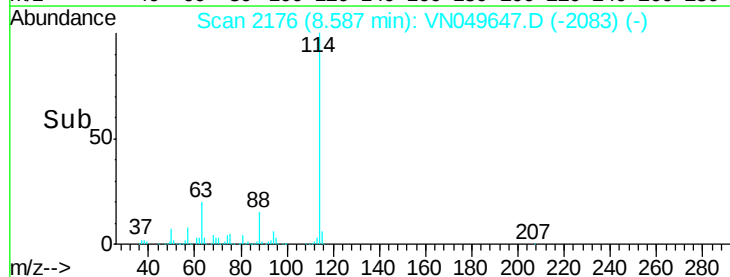
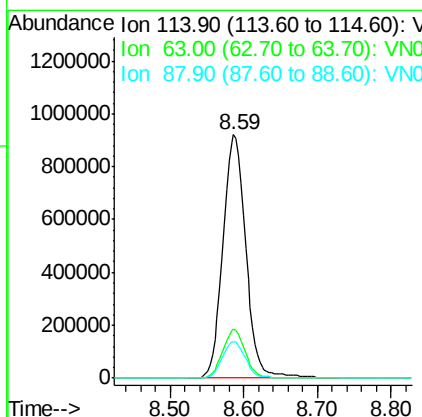
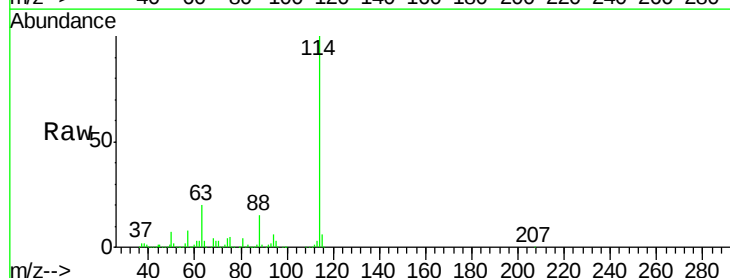
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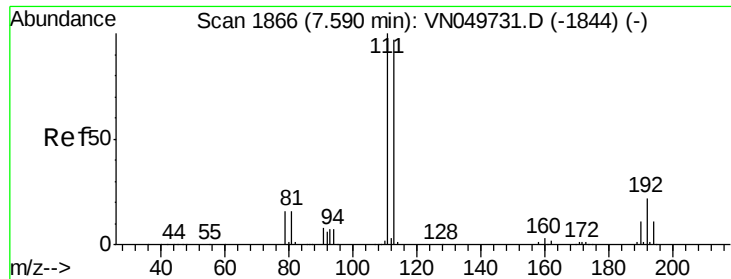
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049647.D
 Acq: 30 Jun 2018 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1994727		
63	20.2	0.0	39.8	
88	15.2	0.0	30.6	





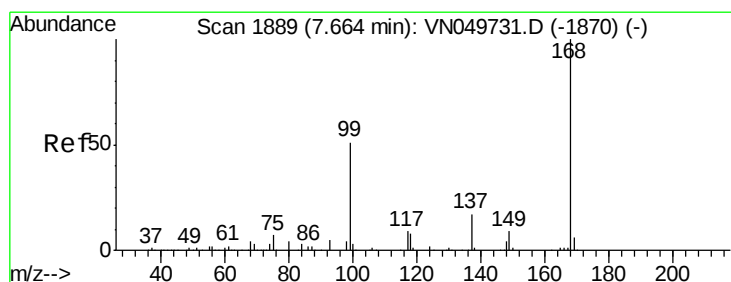
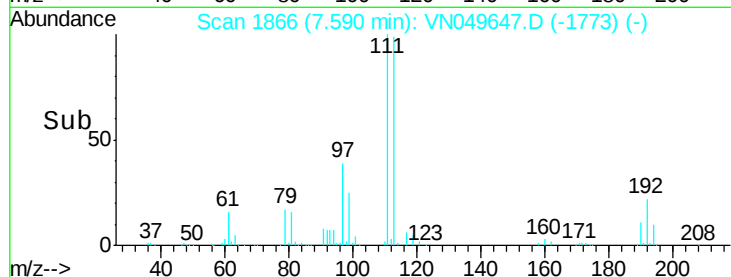
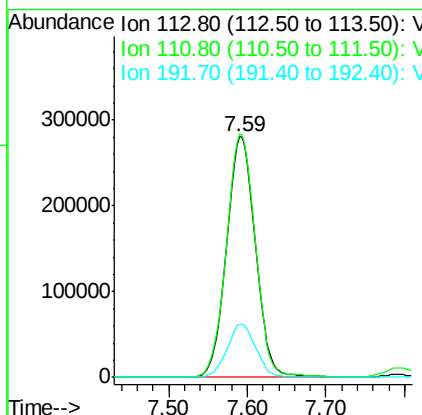
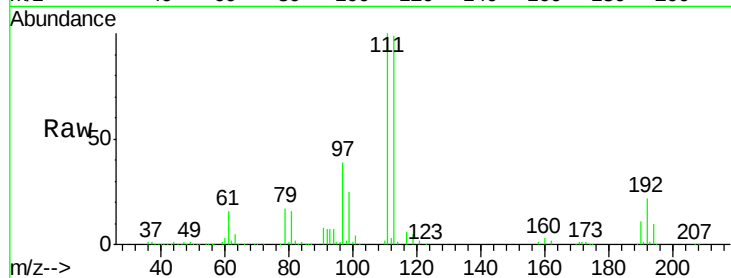
#35
Dibromofluoromethane
Concen: 47.765 ug/l
RT: 7.59 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN049647.D
Acq: 30 Jun 2018 14:52

Instrument :
MSVOA_N
ClientSampled :
VN0630WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	712299		
111	101.3	81.8	122.8	
192	21.9	17.8	26.6	

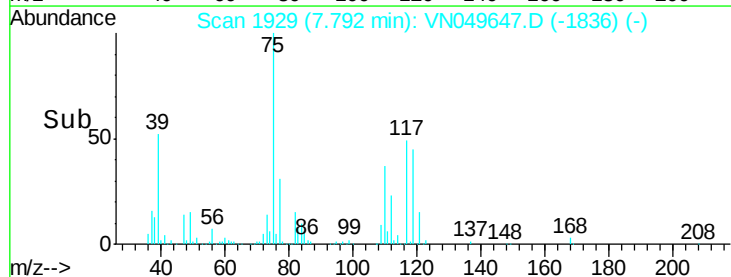
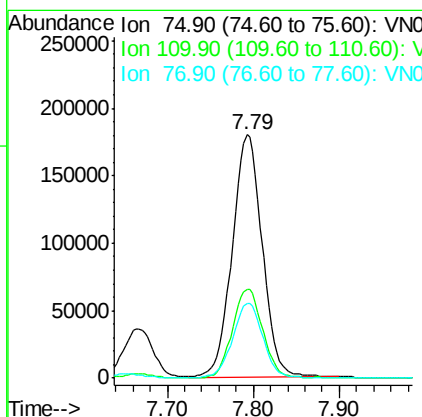
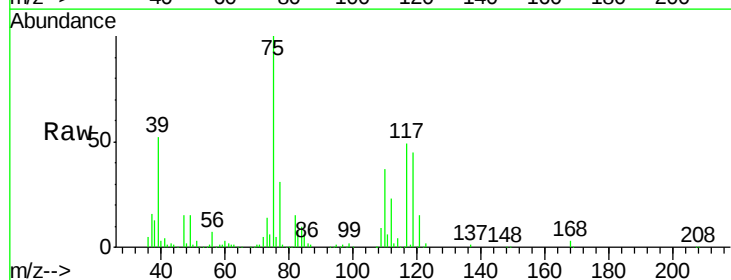
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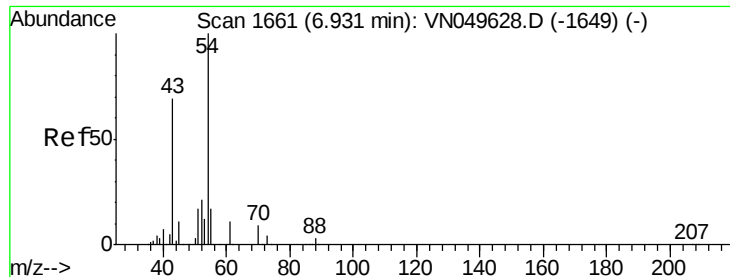
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#36
1,1-Dichloropropene
Concen: 19.396 ug/l
RT: 7.79 min Scan# 1929
Delta R.T. 0.00 min
Lab File: VN049647.D
Acq: 30 Jun 2018 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	435278		
110	37.2	18.1	54.4	
77	30.6	24.9	37.3	





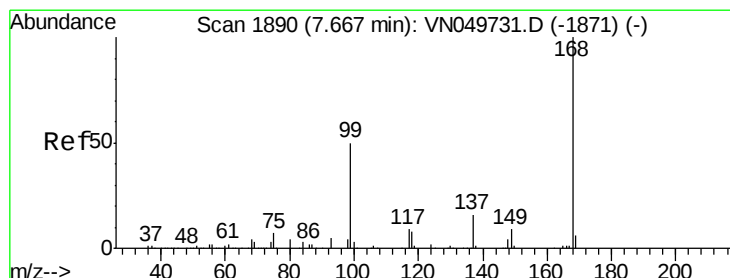
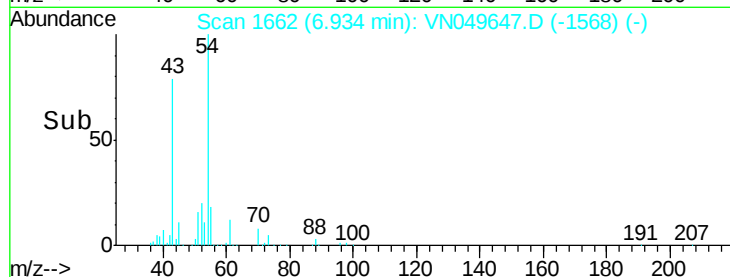
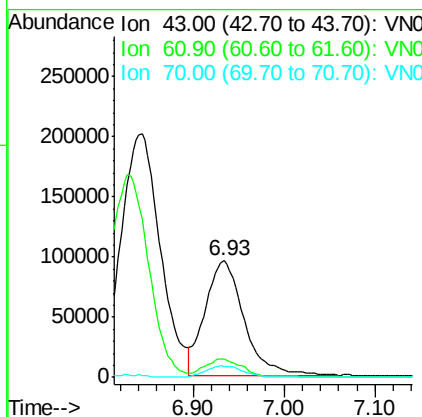
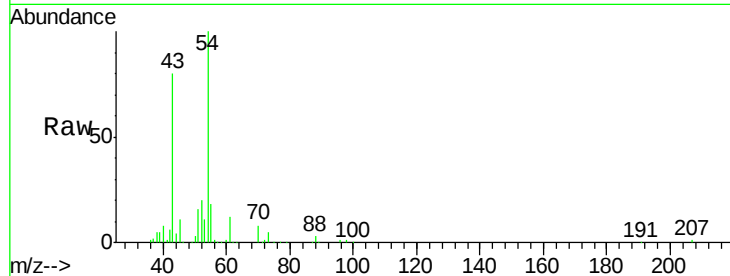
#37
Ethyl Acetate
Concen: 21.786 ug/l
RT: 6.93 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VN049647.D
Acq: 30 Jun 2018 14:52

Instrument :
MSVOA_N
ClientSampled :
VN0630WBSD01

Tgt Ion: 43 Resp: 285172
Ion Ratio Lower Upper
43 100
61 13.0 11.7 17.5
70 9.5 8.4 12.6

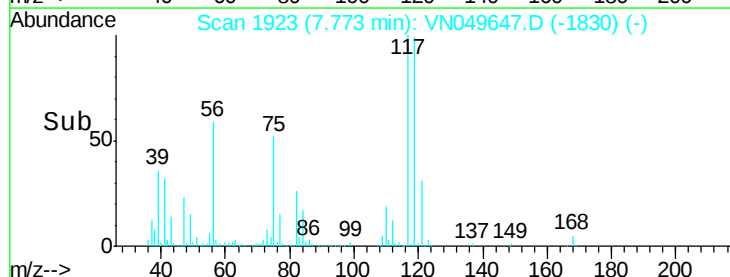
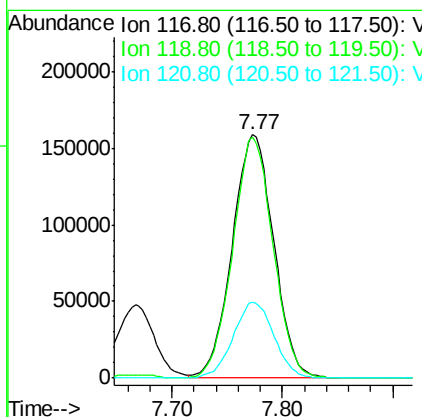
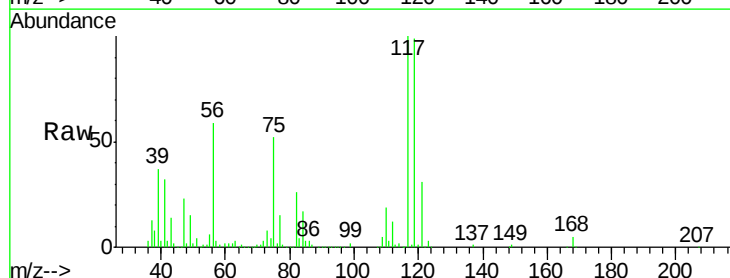
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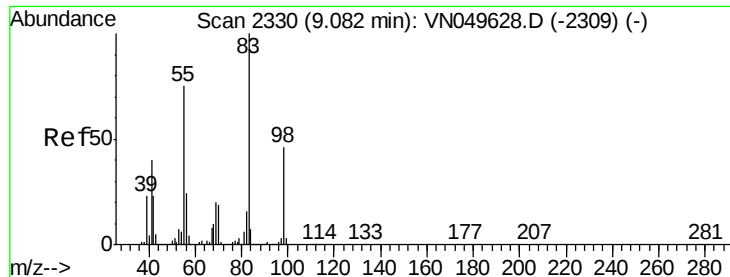
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#38
Carbon Tetrachloride
Concen: 18.813 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VN049647.D
Acq: 30 Jun 2018 14:52

Tgt Ion: 117 Resp: 410699
Ion Ratio Lower Upper
117 100
119 98.7 77.2 115.8
121 31.4 25.0 37.6





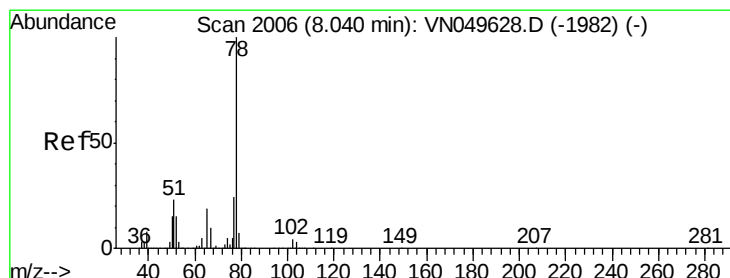
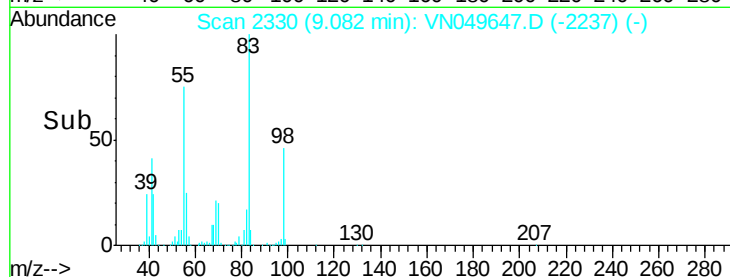
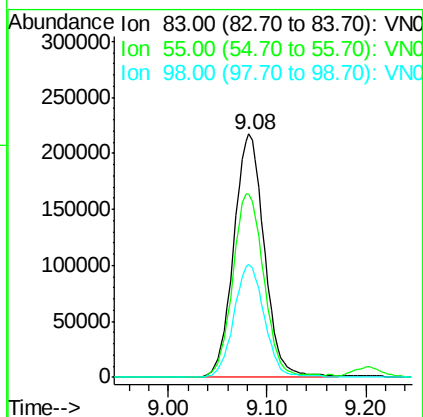
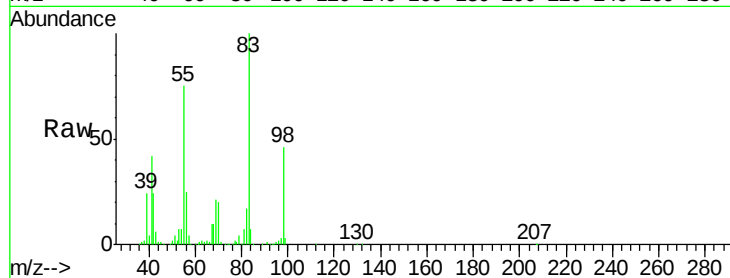
#39
Methylcyclohexane
Concen: 19.049 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VN049647.D
Acq: 30 Jun 2018 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN0630WBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.3	59.7	89.5
98	46.3	36.5	54.7

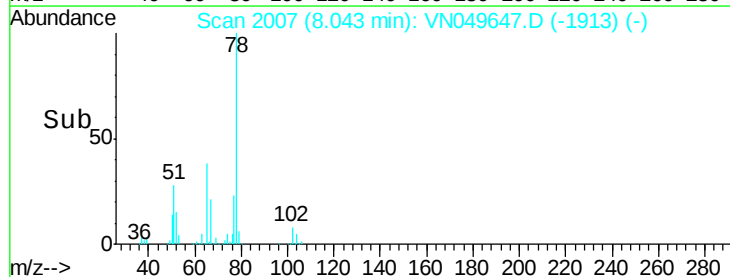
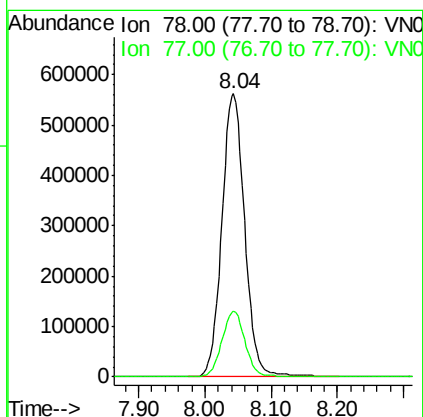
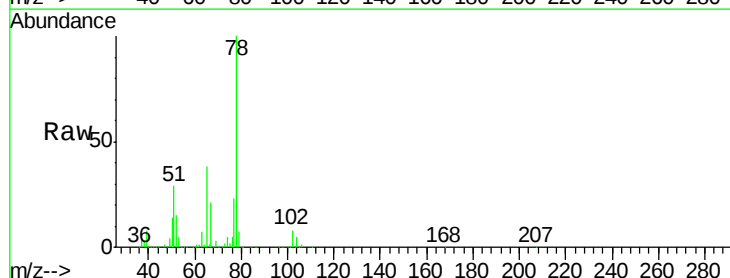
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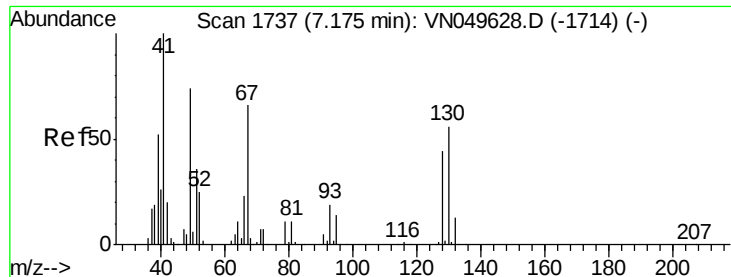
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#40
Benzene
Concen: 19.628 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN049647.D
Acq: 30 Jun 2018 14:52

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.0	28.4





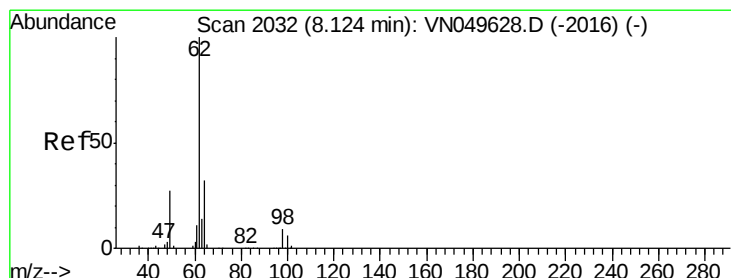
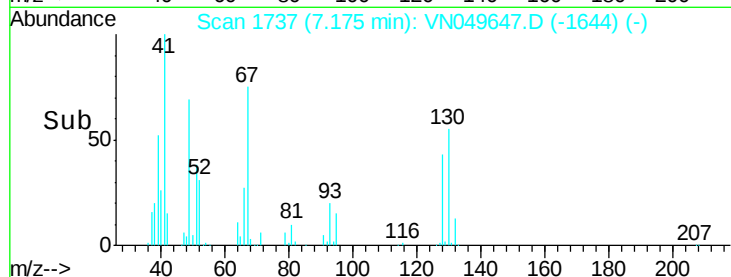
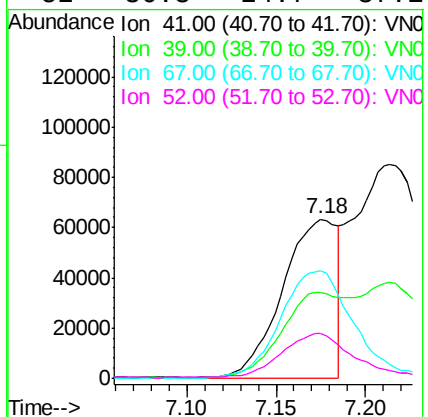
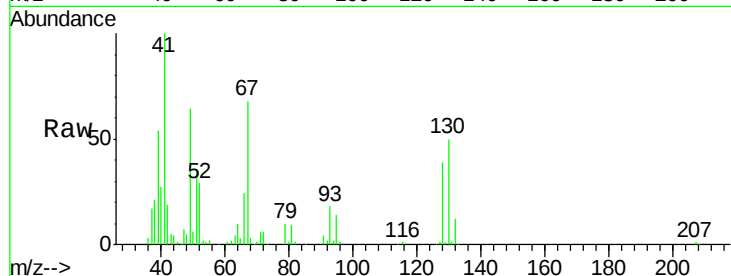
#41
Methacrylonitrile
Concen: 18.182 ug/l
RT: 7.18 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VN049647.D
Acq: 30 Jun 2018 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN0630WBSD01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	58.5	45.4	68.2
67	91.0	65.4	98.0
52	36.3	24.7	37.1

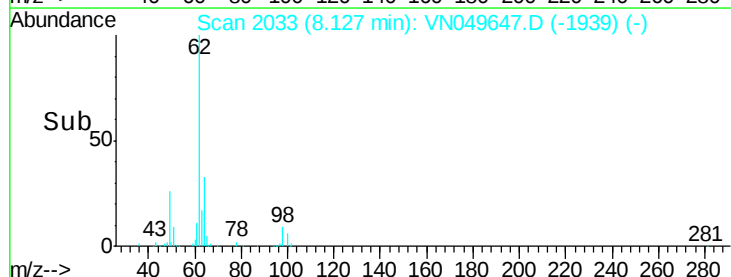
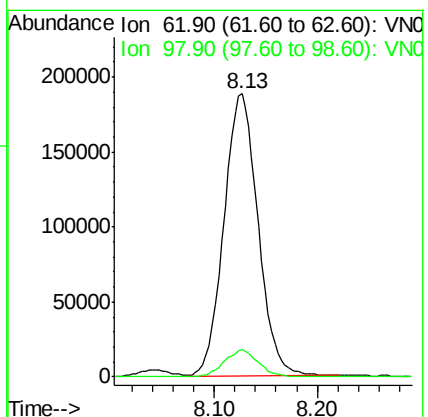
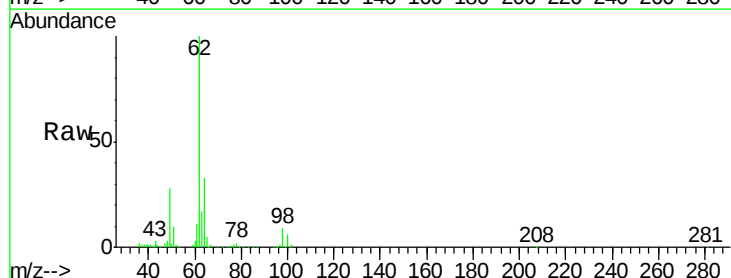
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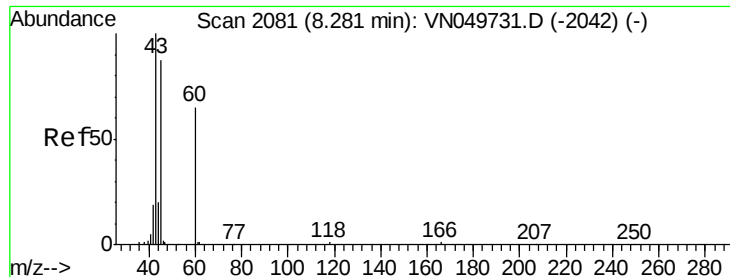
apatel
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#42
1,2-Dichloroethane
Concen: 19.844 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN049647.D
Acq: 30 Jun 2018 14:52

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.0





#43

Isopropyl Acetate

Concen: 19.977 ug/l

RT: 8.17 min Scan# 2045

Delta R.T. 0.00 min

Lab File: VN049647.D

Acq: 30 Jun 2018 14:52

Instrument :

MSVOA_N

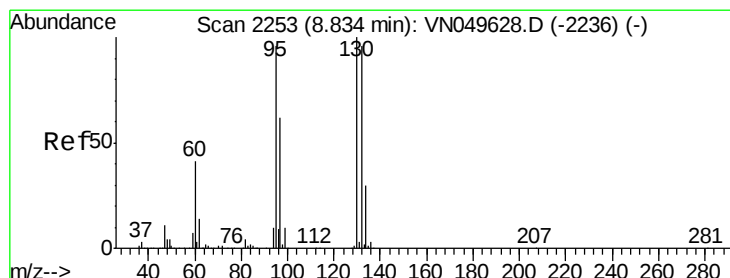
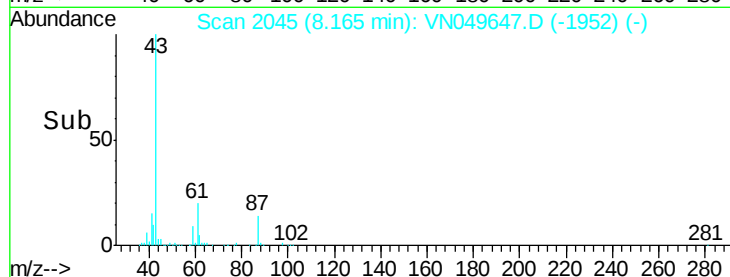
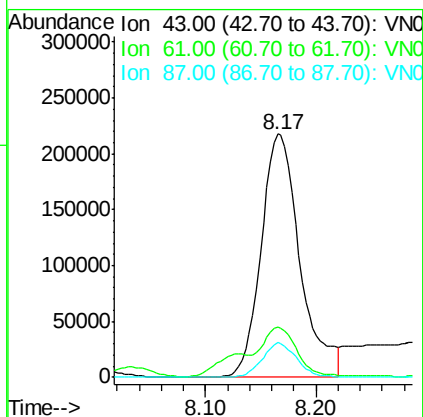
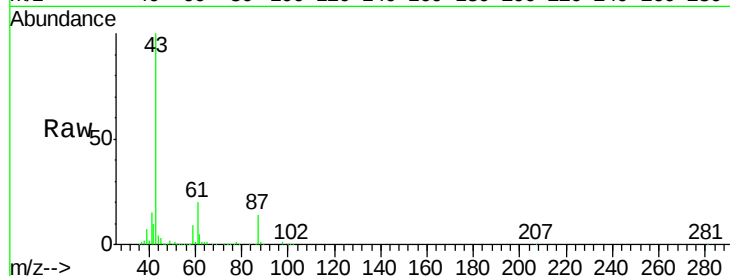
ClientSampleId :

VN0630WBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.5	14.9	22.3
87	12.6	10.0	15.0

Manual Integrations
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#44

Trichloroethene

Concen: 19.234 ug/l

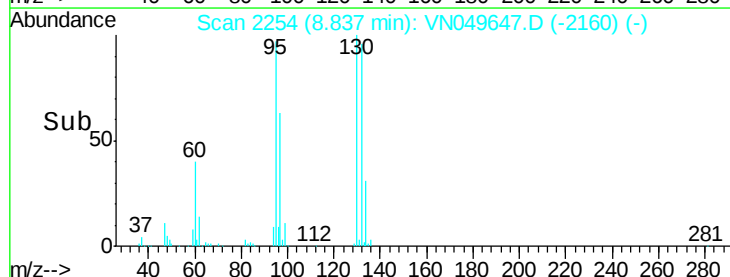
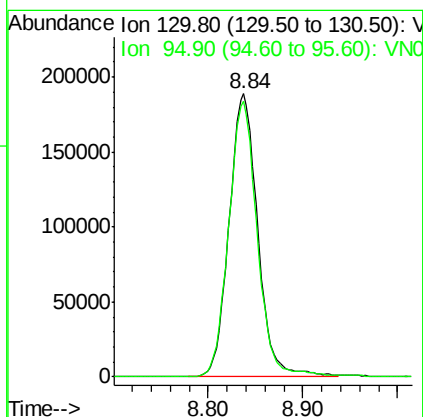
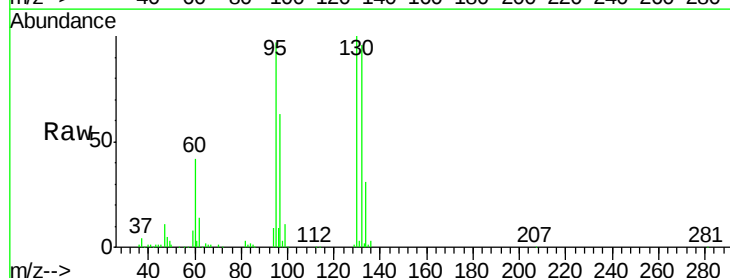
RT: 8.84 min Scan# 2254

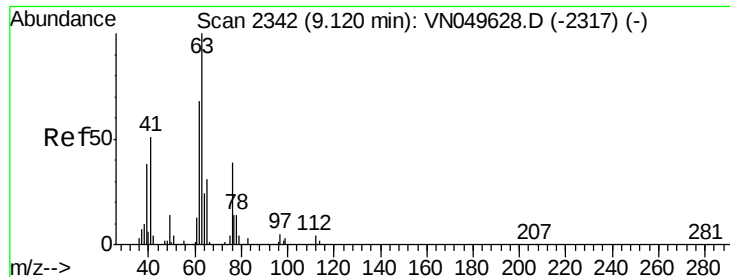
Delta R.T. 0.00 min

Lab File: VN049647.D

Acq: 30 Jun 2018 14:52

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.5	0.0	192.8





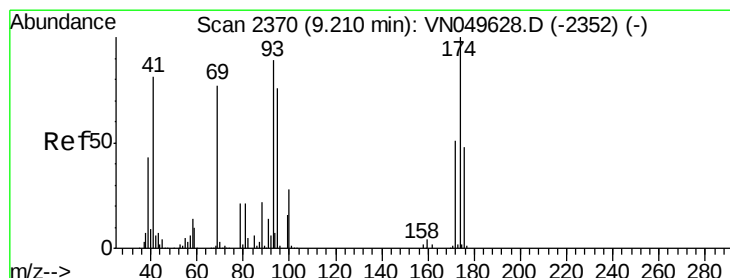
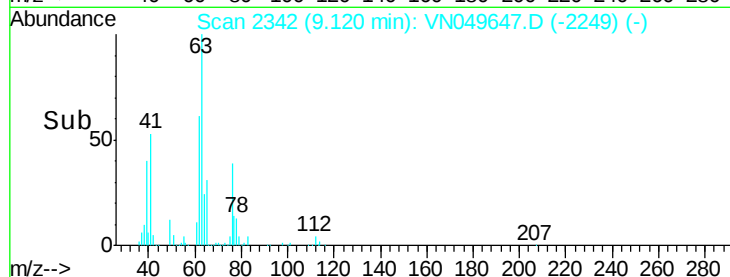
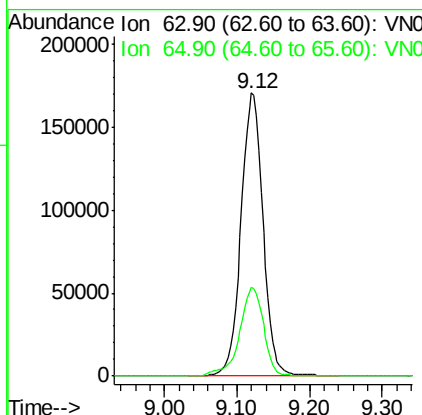
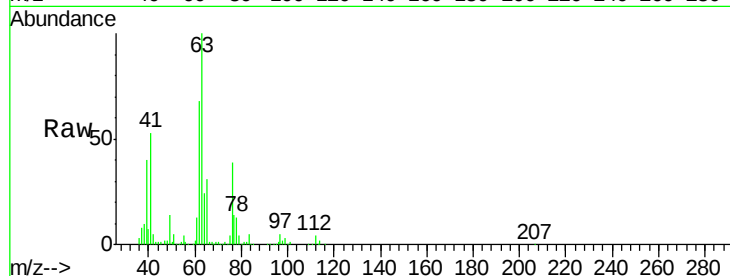
#45
 1,2-Dichloropropane
 Concen: 20.387 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: VN049647.D
 Acq: 30 Jun 2018 14:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBSD01

Tgt Ion	Ratio	Lower	Upper
63	100		
65	31.4	24.7	37.1

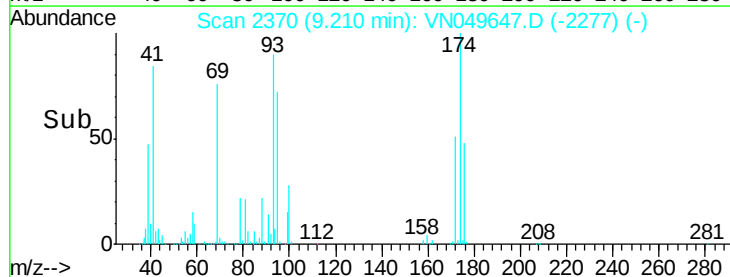
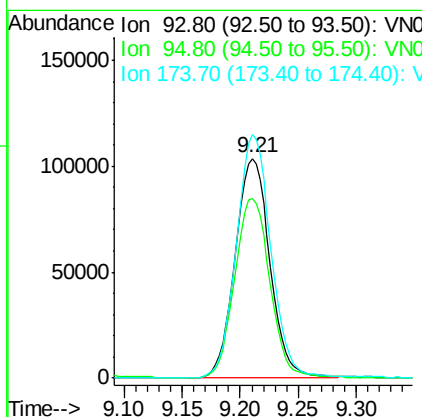
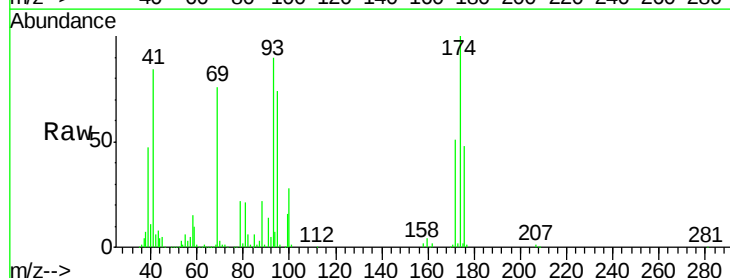
Manual Integrations
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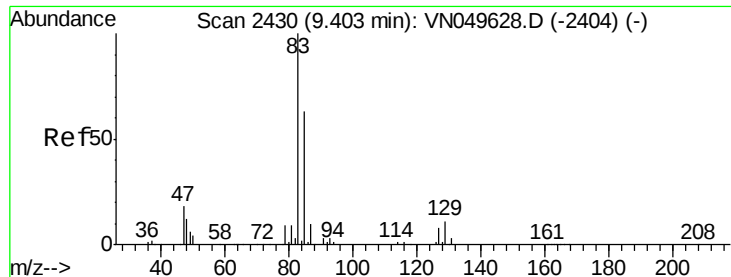
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#46
 Dibromomethane
 Concen: 20.223 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. 0.00 min
 Lab File: VN049647.D
 Acq: 30 Jun 2018 14:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.7	67.9	101.9
174	110.1	89.4	134.0





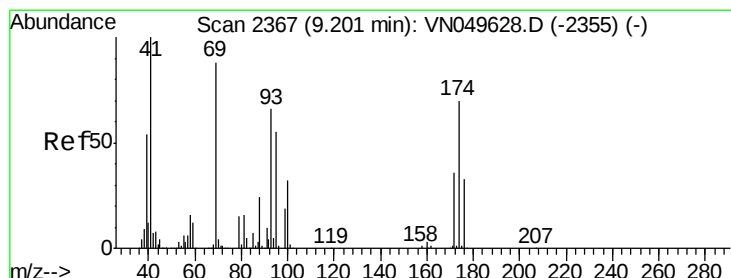
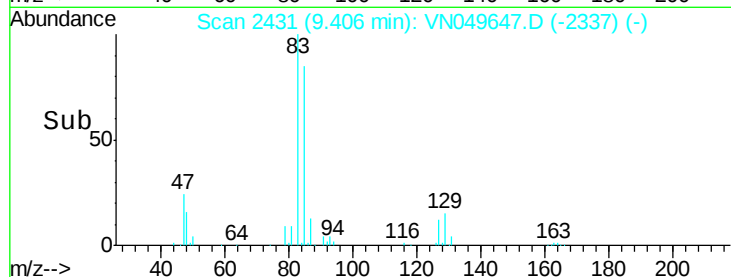
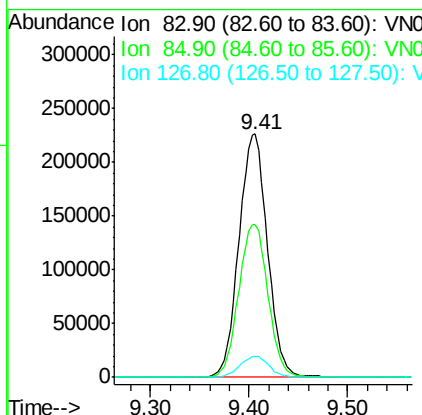
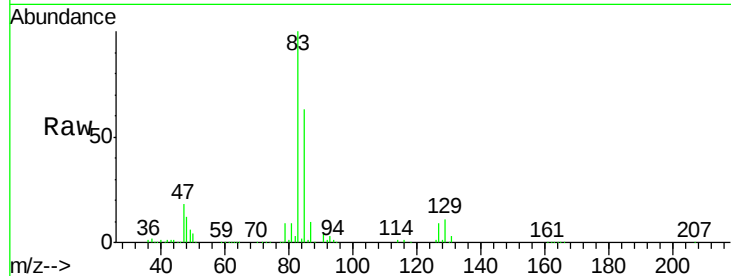
#47
Bromodichloromethane
Concen: 19.878 ug/l
RT: 9.41 min Scan# 2431
Delta R.T. 0.00 min
Lab File: VN049647.D
Acq: 30 Jun 2018 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN0630WBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.9	50.5	75.7
127	8.7	6.8	10.2

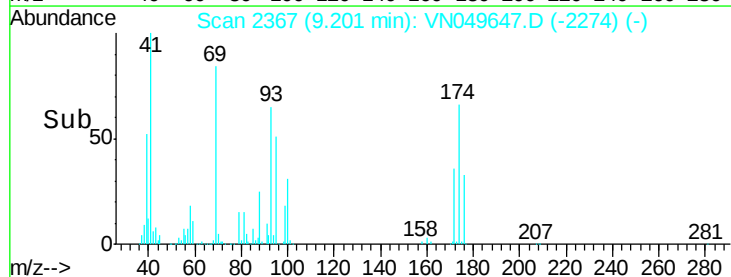
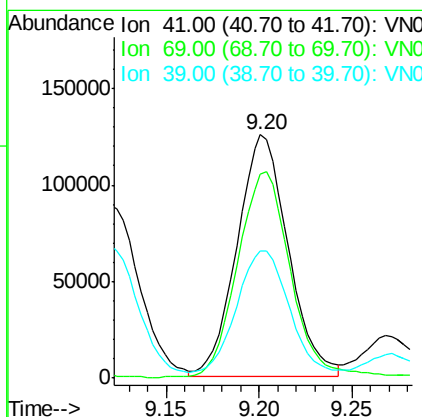
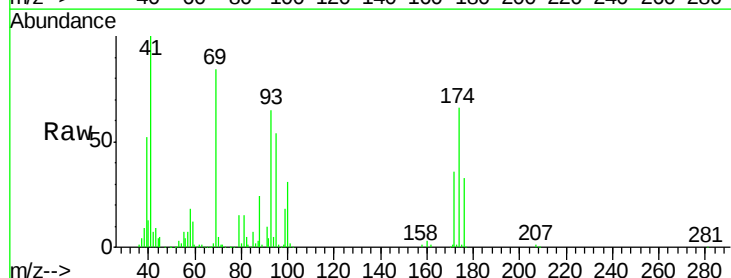
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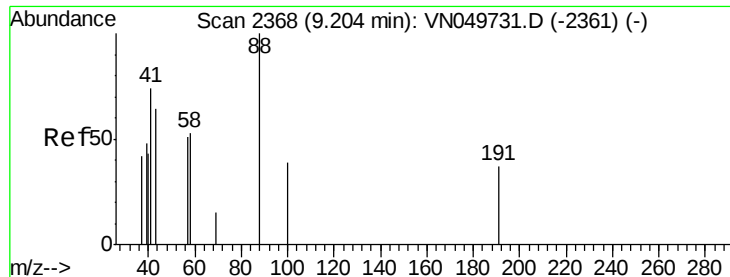
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#48
Methyl methacrylate
Concen: 20.634 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. -0.00 min
Lab File: VN049647.D
Acq: 30 Jun 2018 14:52

Tgt Ion	Ratio	Lower	Upper
41	100		
69	88.4	71.5	107.3
39	55.8	44.7	67.1





#49

1,4-Dioxane

Concen: 416.461 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN049647.D

Acq: 30 Jun 2018 14:52

Instrument :

MSVOA_N

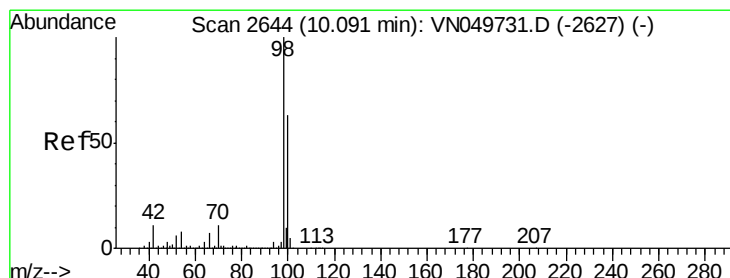
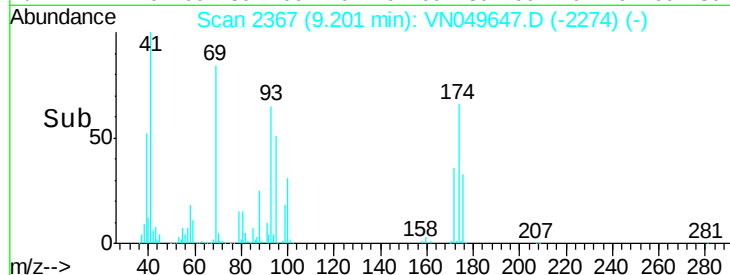
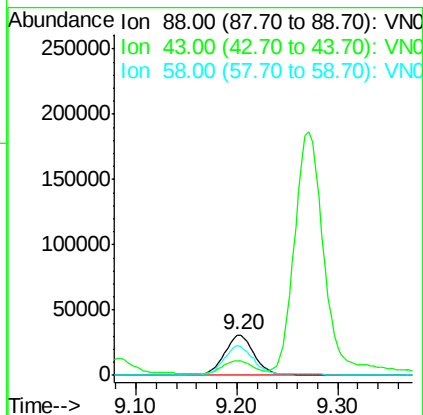
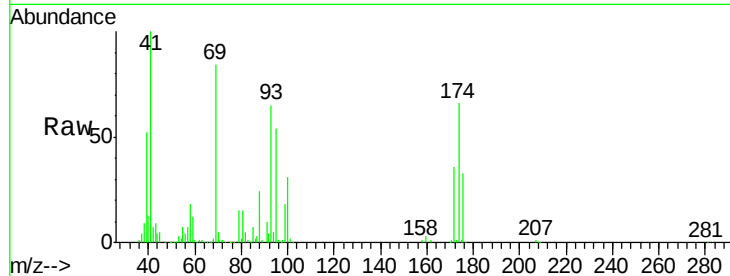
ClientSampleId :

VN0630WBSD01

Tgt Ion:	88	Resp:	65125
Ion Ratio	Lower	Upper	
88	100		
43	31.5	25.1	37.7
58	71.4	52.5	78.7

Manual Integrations
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#50

Toluene-d8

Concen: 46.046 ug/l

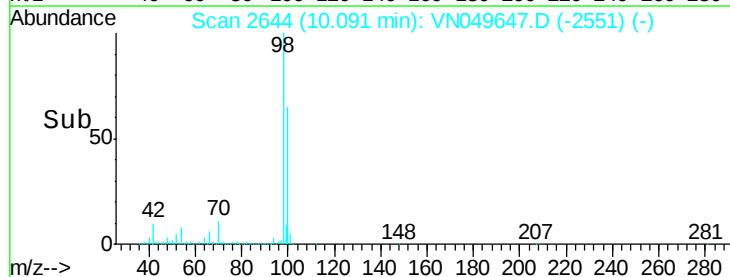
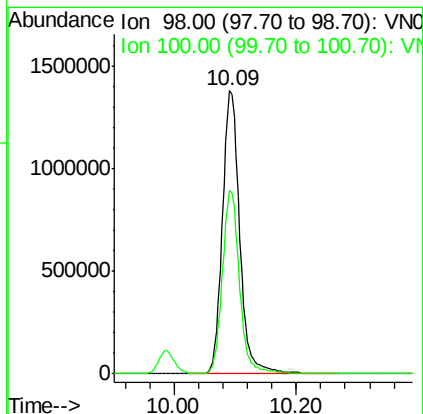
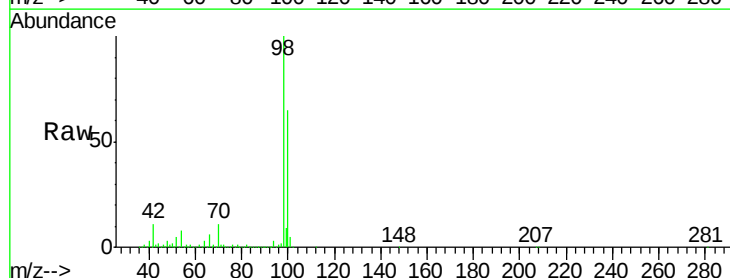
RT: 10.09 min Scan# 2644

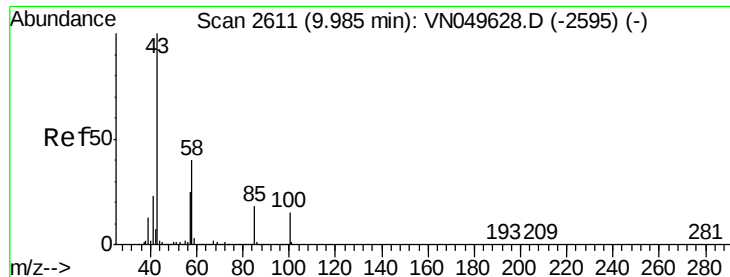
Delta R.T. -0.00 min

Lab File: VN049647.D

Acq: 30 Jun 2018 14:52

Tgt Ion:	98	Resp:	2687793
Ion Ratio	Lower	Upper	
98	100		
100	63.7	51.7	77.5





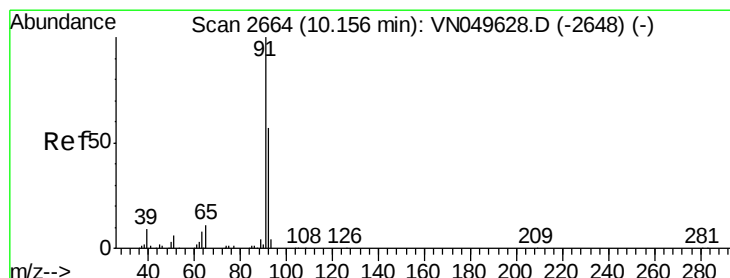
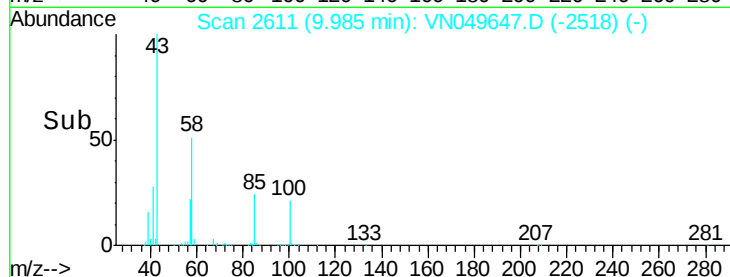
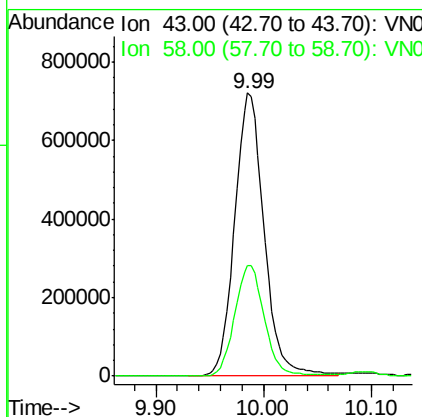
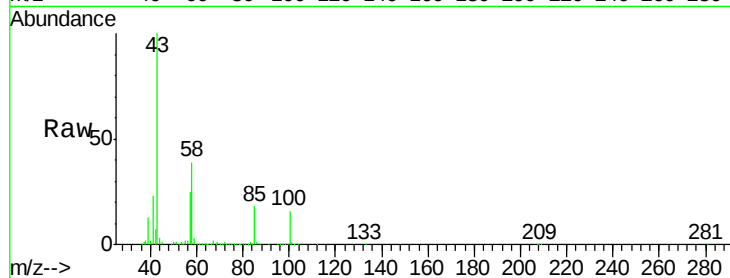
#51
4-Methyl-2-Pentanone
Concen: 105.911 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. -0.00 min
Lab File: VN049647.D
Acq: 30 Jun 2018 14:52

Instrument :
MSVOA_N
ClientSampled :
VN0630WBSD01

Tgt Ion: 43 Resp: 1359226
Ion Ratio Lower Upper
43 100
58 39.6 31.8 47.8

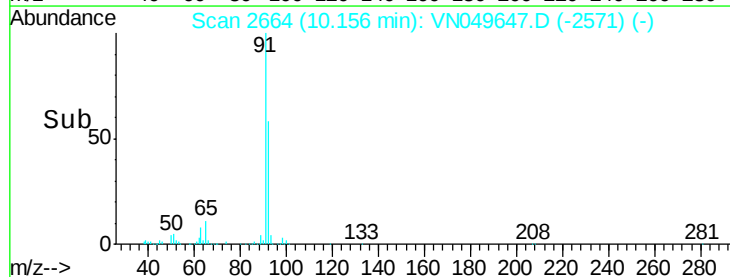
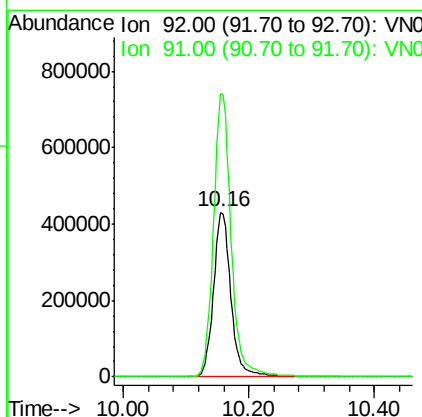
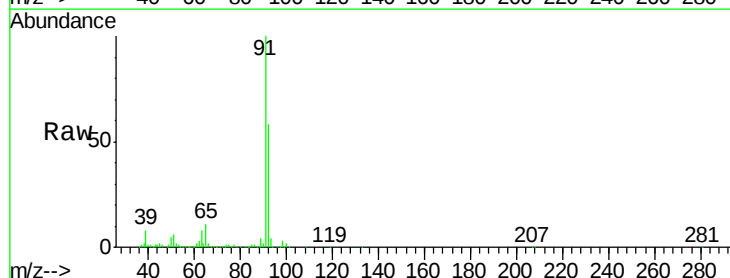
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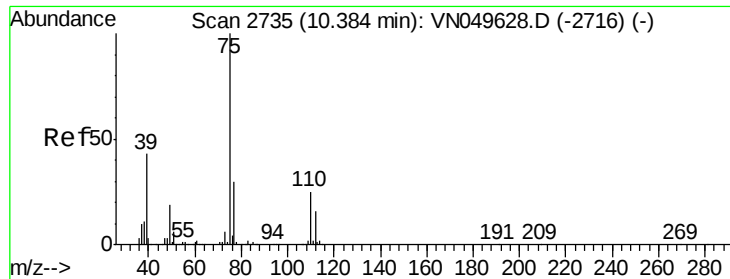
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#52
Toluene
Concen: 20.132 ug/l
RT: 10.16 min Scan# 2664
Delta R.T. 0.00 min
Lab File: VN049647.D
Acq: 30 Jun 2018 14:52

Tgt Ion: 92 Resp: 833421
Ion Ratio Lower Upper
92 100
91 174.1 140.1 210.1





#53

t-1,3-Dichloropropene

Concen: 20.065 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. -0.00 min

Lab File: VN049647.D

Acq: 30 Jun 2018 14:52

Instrument :

MSVOA_N

ClientSampled :

VN0630WBSD01

Tgt Ion: 75 Resp: 438072

Ion Ratio Lower Upper

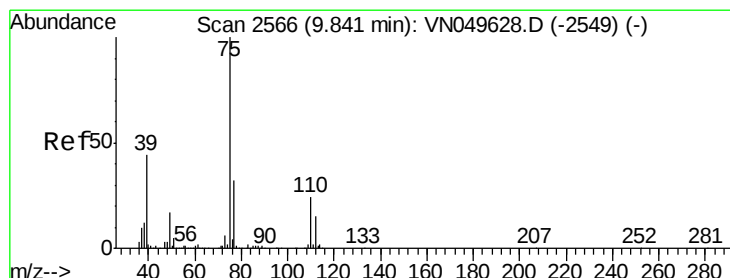
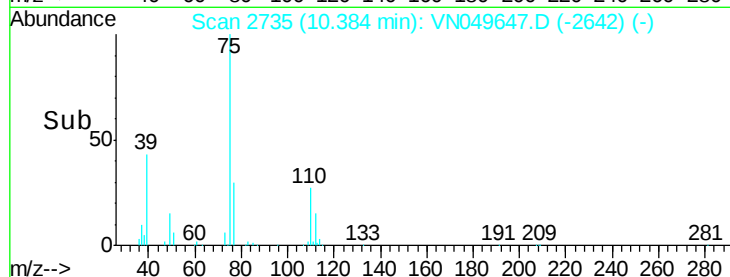
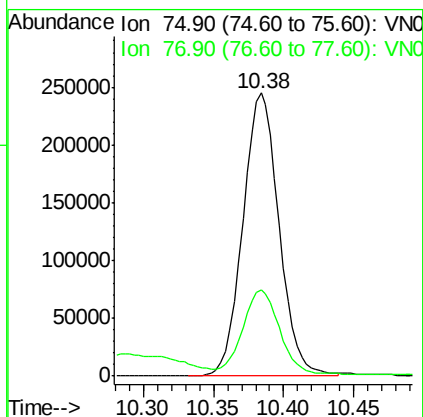
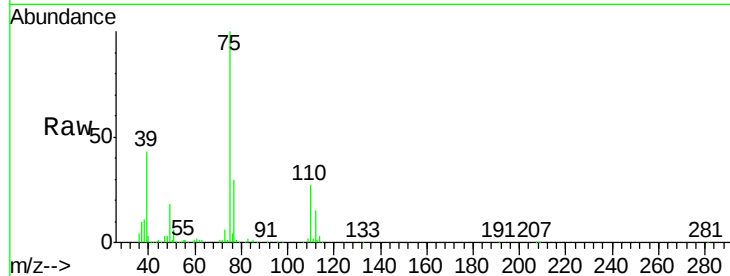
75 100

77 29.4 25.2 37.8

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#54

cis-1,3-Dichloropropene

Concen: 20.243 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN049647.D

Acq: 30 Jun 2018 14:52

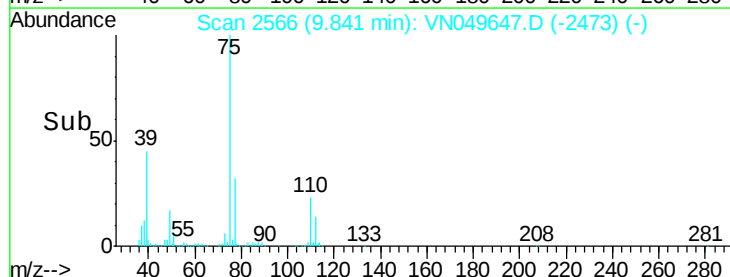
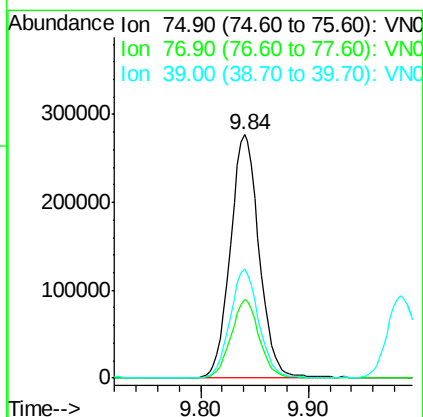
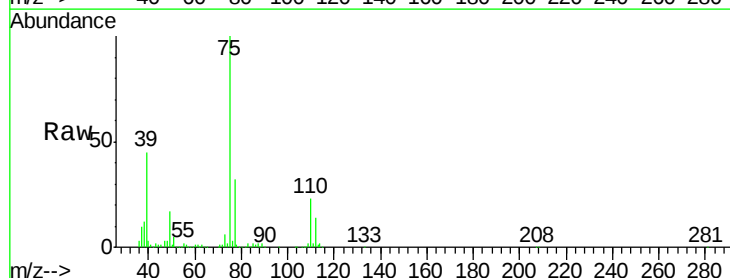
Tgt Ion: 75 Resp: 516523

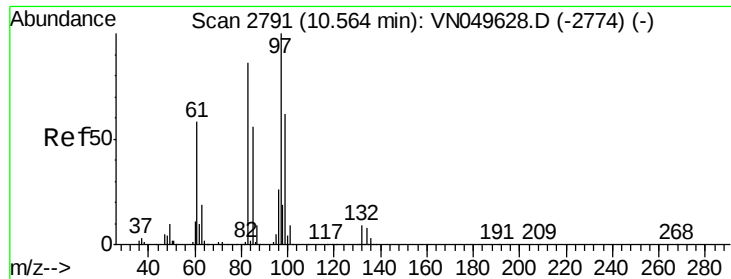
Ion Ratio Lower Upper

75 100

77 31.9 25.3 37.9

39 44.7 35.5 53.3





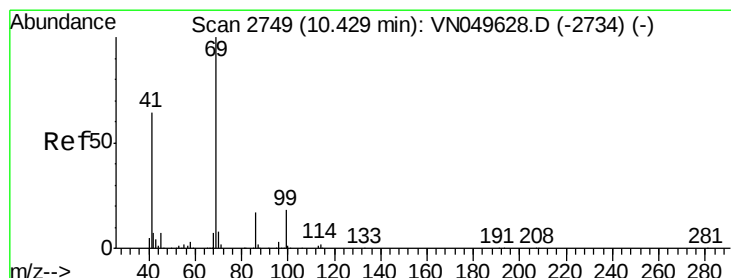
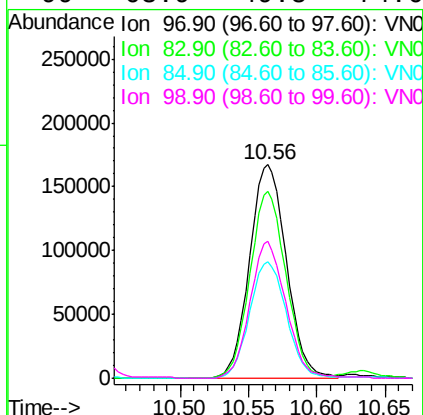
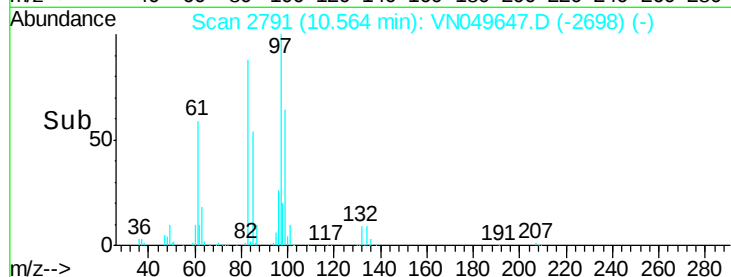
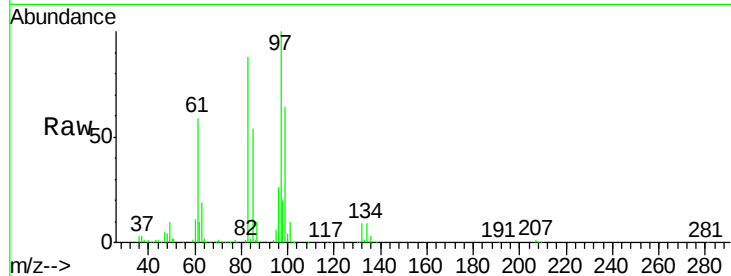
#55
 1,1,2-Trichloroethane
 Concen: 20.383 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. -0.00 min
 Lab File: VN049647.D
 Acq: 30 Jun 2018 14:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	314189		
83	87.5	69.0	103.6	
85	54.4	44.9	67.3	
99	63.9	49.8	74.6	

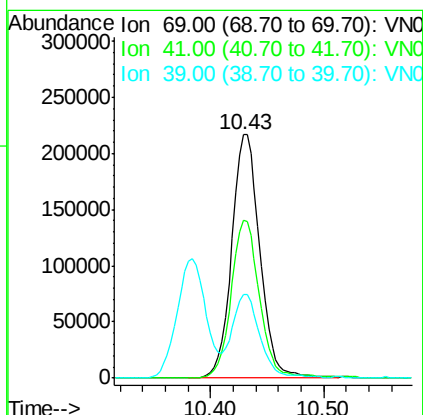
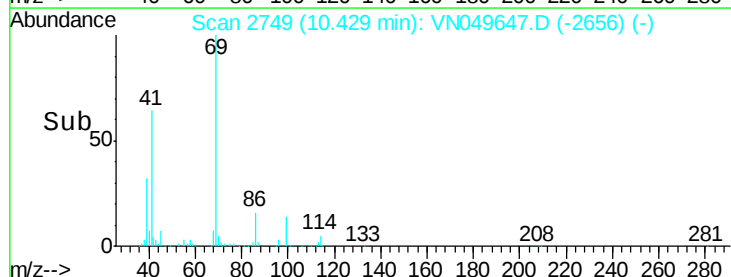
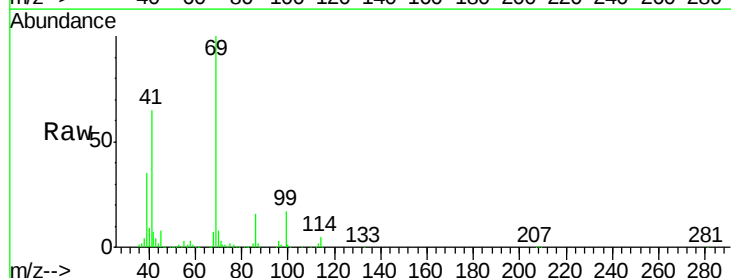
Manual Integrations
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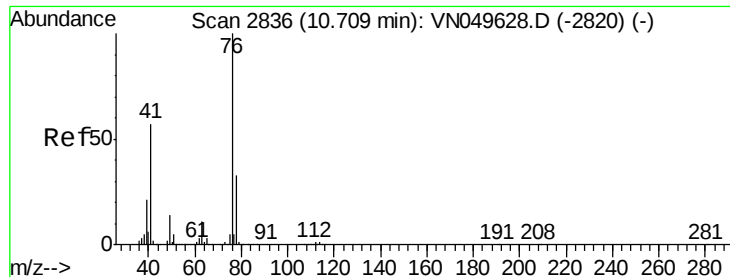
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#56
 Ethyl methacrylate
 Concen: 20.818 ug/l
 RT: 10.43 min Scan# 2749
 Delta R.T. 0.00 min
 Lab File: VN049647.D
 Acq: 30 Jun 2018 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	376148		
41	63.7	51.6	77.4	
39	33.5	25.8	38.8	





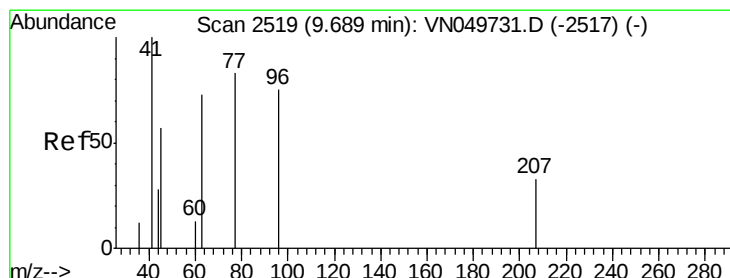
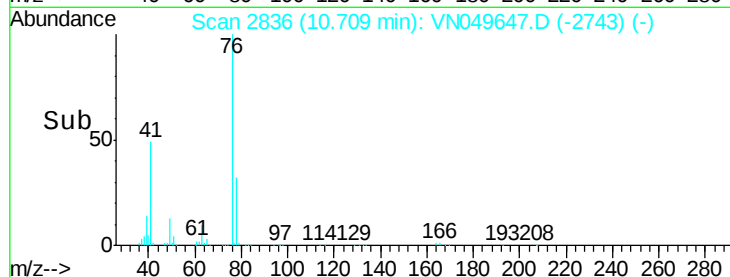
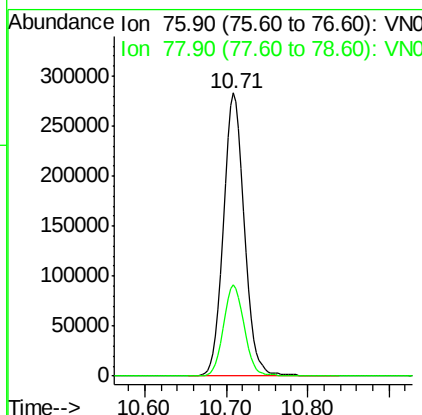
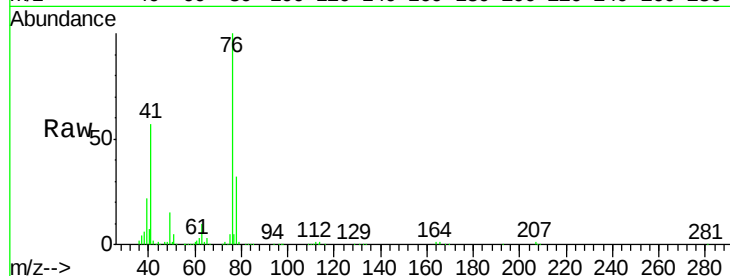
#57
 1,3-Dichloropropane
 Concen: 20.641 ug/l
 RT: 10.71 min Scan# 2836
 Delta R.T. 0.00 min
 Lab File: VN049647.D
 Acq: 30 Jun 2018 14:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBSD01

Tgt Ion: 76 Resp: 515935
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.8

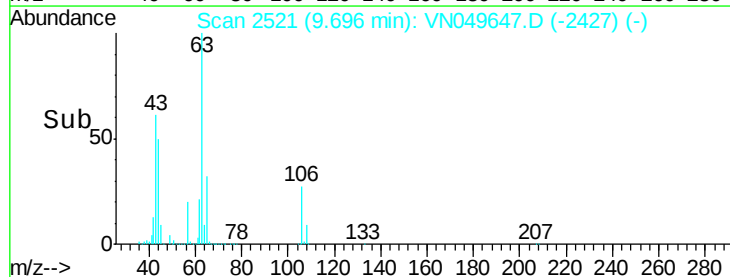
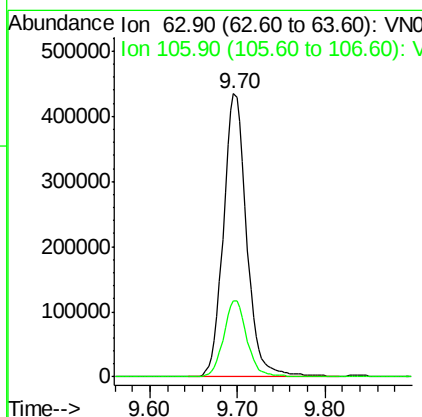
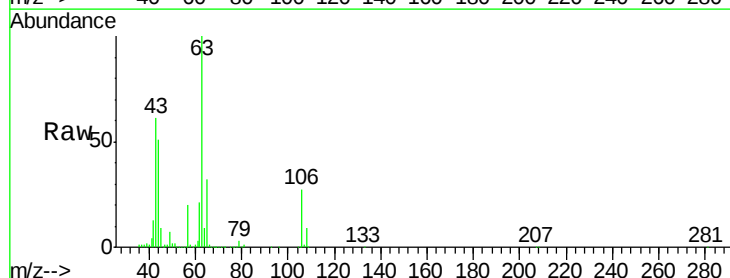
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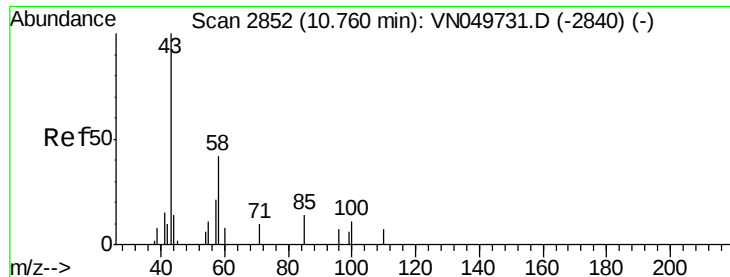
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#58
 2-Chloroethyl Vinyl ether
 Concen: 92.353 ug/l
 RT: 9.70 min Scan# 2521
 Delta R.T. 0.00 min
 Lab File: VN049647.D
 Acq: 30 Jun 2018 14:52

Tgt Ion: 63 Resp: 802522
 Ion Ratio Lower Upper
 63 100
 106 26.9 21.8 32.8





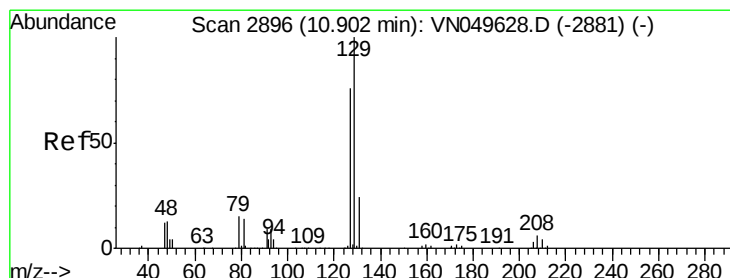
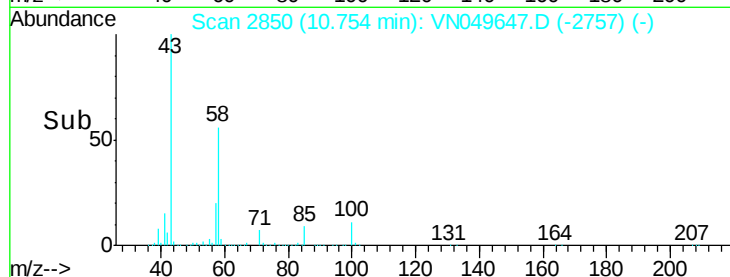
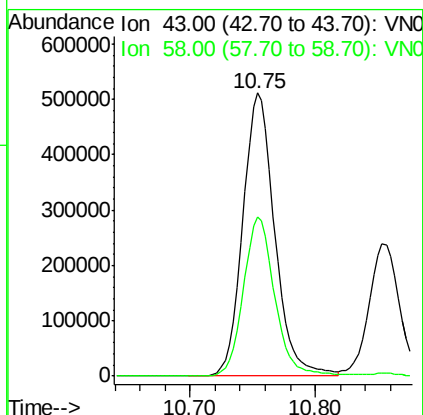
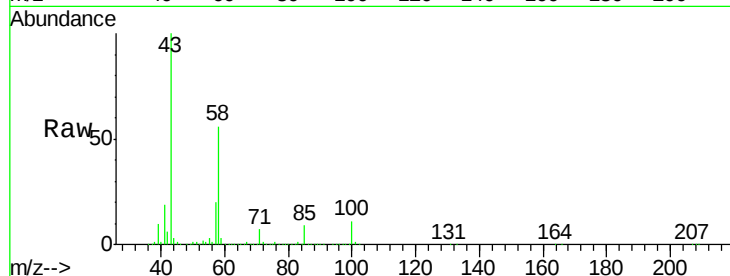
#59
2-Hexanone
Concen: 106.177 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049647.D
Acq: 30 Jun 2018 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN0630WBSD01

Tgt Ion: 43 Resp: 901047
Ion Ratio Lower Upper
43 100
58 55.5 27.8 83.4

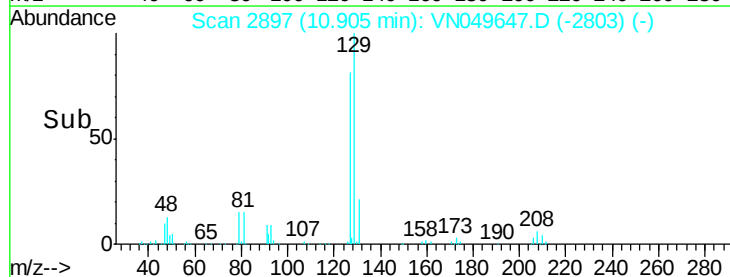
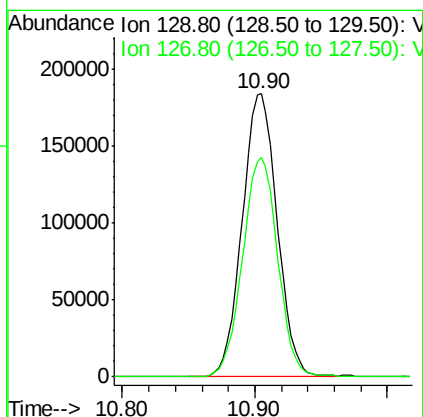
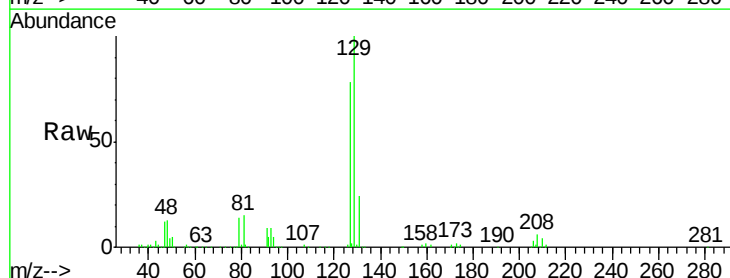
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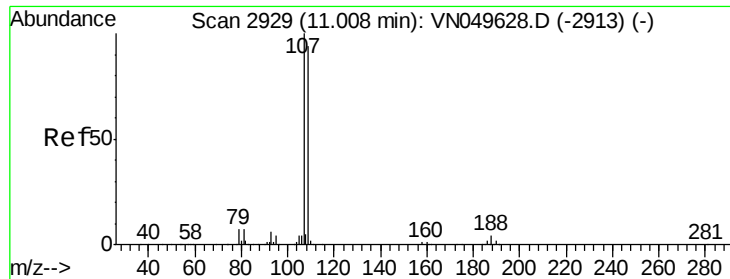
apatel
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#60
Dibromochloromethane
Concen: 20.311 ug/l
RT: 10.90 min Scan# 2897
Delta R.T. 0.00 min
Lab File: VN049647.D
Acq: 30 Jun 2018 14:52

Tgt Ion: 129 Resp: 338385
Ion Ratio Lower Upper
129 100
127 77.8 38.3 114.9





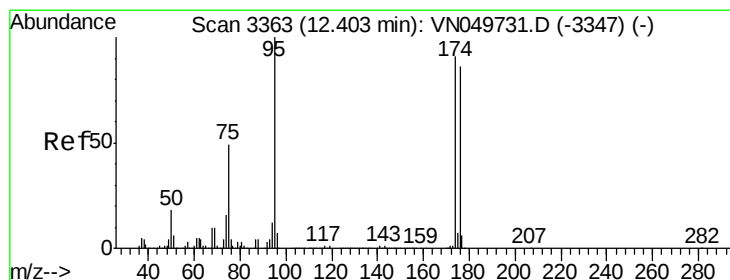
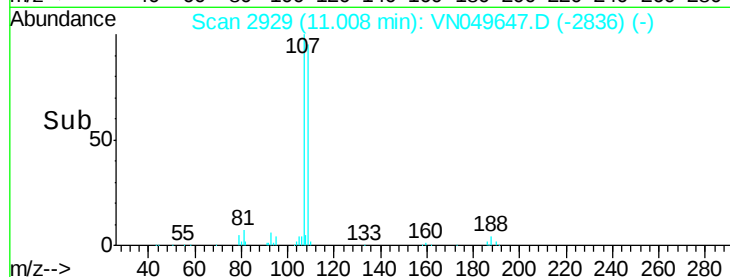
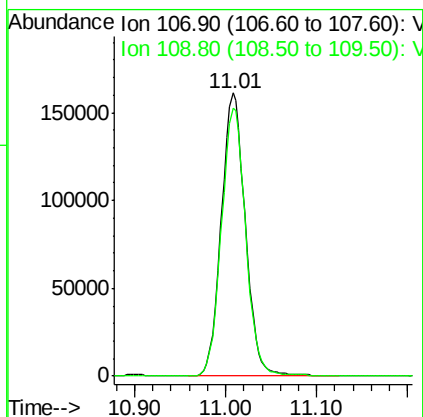
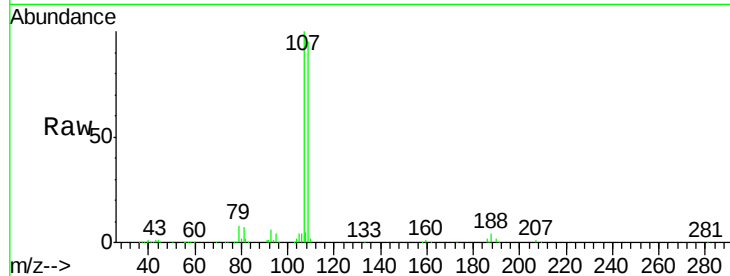
#61
1,2-Dibromoethane
Concen: 20.056 ug/l
RT: 11.01 min Scan# 2929
Delta R.T. -0.00 min
Lab File: VN049647.D
Acq: 30 Jun 2018 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN0630WBSD01

Tgt Ion: 107 Resp: 296214
Ion Ratio Lower Upper
107 100
109 96.0 75.0 112.6

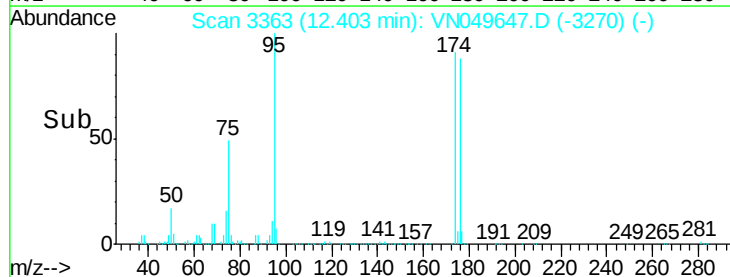
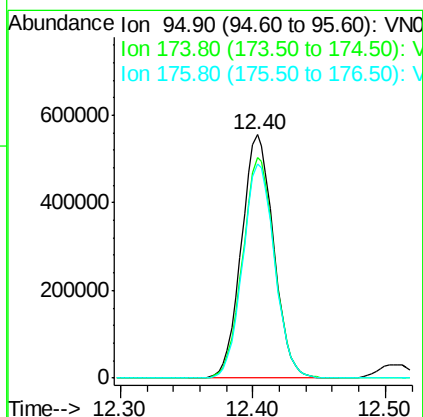
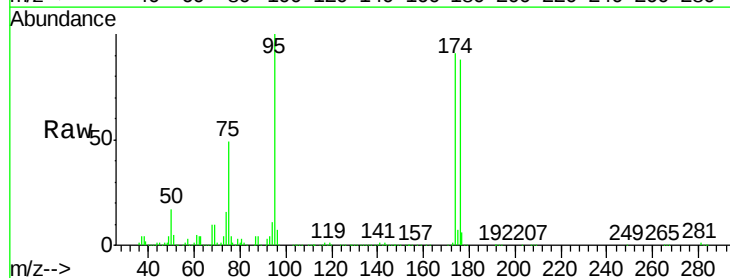
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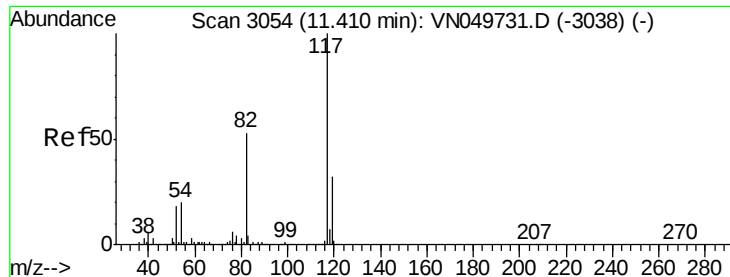
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#62
4-Bromofluorobenzene
Concen: 46.854 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049647.D
Acq: 30 Jun 2018 14:52

Tgt Ion: 95 Resp: 933745
Ion Ratio Lower Upper
95 100
174 90.2 0.0 179.6
176 87.5 0.0 174.0





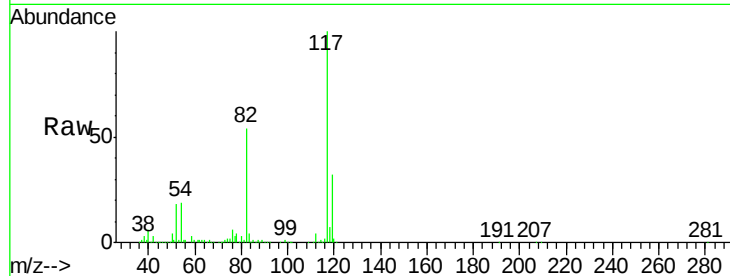
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049647.D
Acq: 30 Jun 2018 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN0630WBSD01

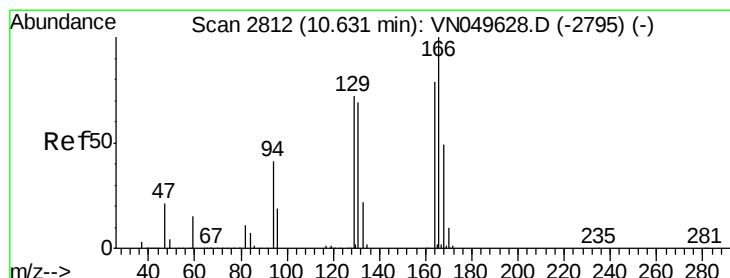
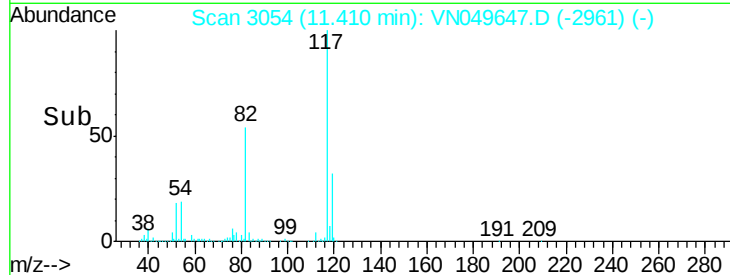
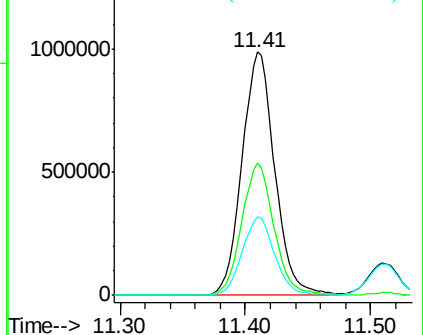
Tgt Ion:117 Resp: 1794506
Ion Ratio Lower Upper
117 100
82 54.1 41.9 62.9
119 32.1 25.4 38.2

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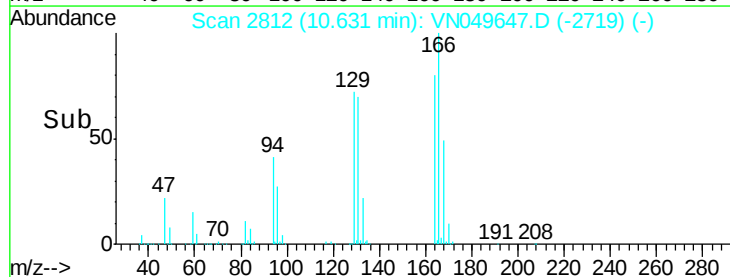
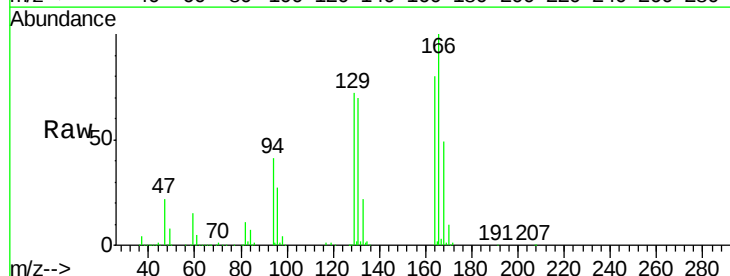
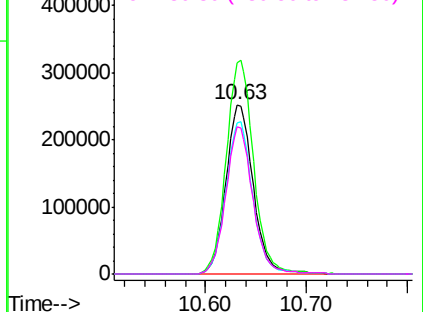
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

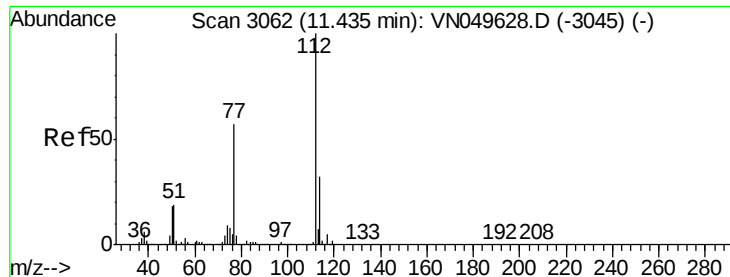


#64
Tetrachloroethene
Concen: 19.578 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. 0.00 min
Lab File: VN049647.D
Acq: 30 Jun 2018 14:52

Tgt Ion:164 Resp: 475708
Ion Ratio Lower Upper
164 100
166 124.7 101.8 152.6
129 89.8 72.8 109.2
131 87.2 70.0 105.0

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: 19.468 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN049647.D

Acq: 30 Jun 2018 14:52

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBSD01

Tgt Ion:112 Resp: 911362

Ion Ratio Lower Upper

112 100

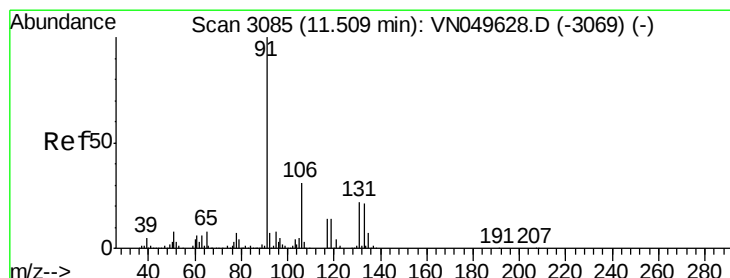
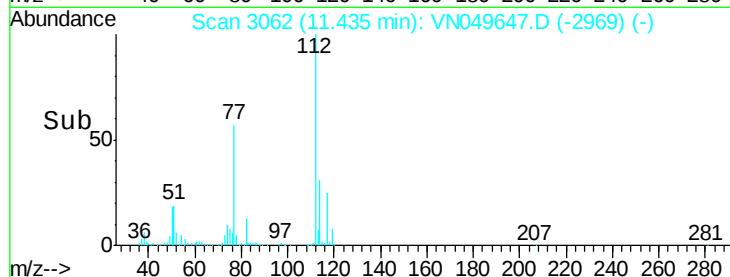
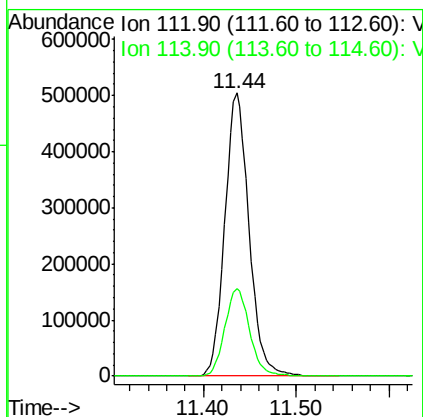
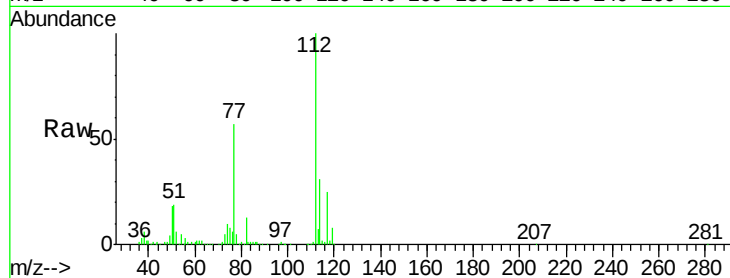
114 30.8 25.4 38.0

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 19.568 ug/l

RT: 11.51 min Scan# 3085

Delta R.T. -0.00 min

Lab File: VN049647.D

Acq: 30 Jun 2018 14:52

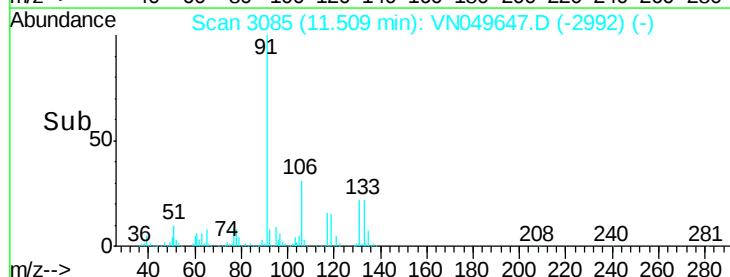
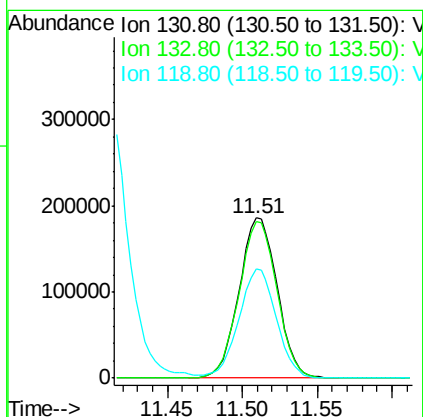
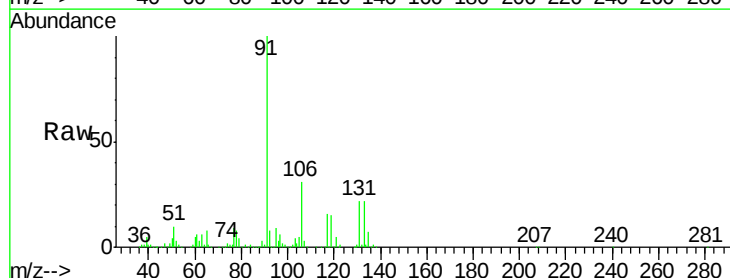
Tgt Ion:131 Resp: 329147

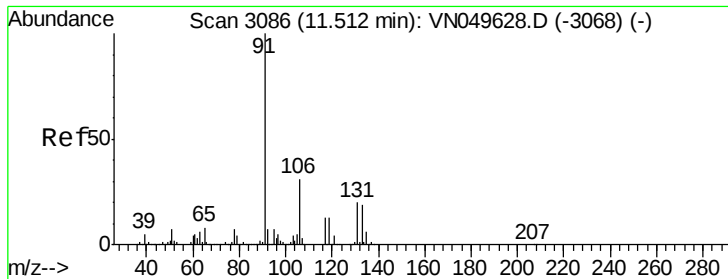
Ion Ratio Lower Upper

131 100

133 97.2 47.5 142.6

119 67.4 33.1 99.3





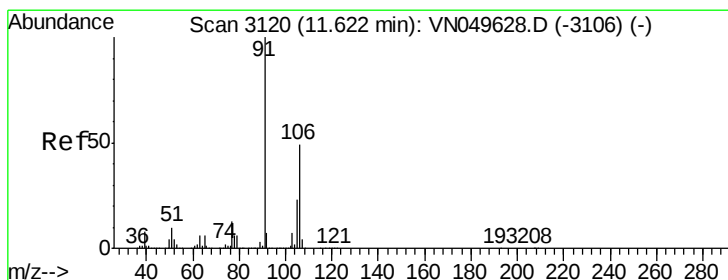
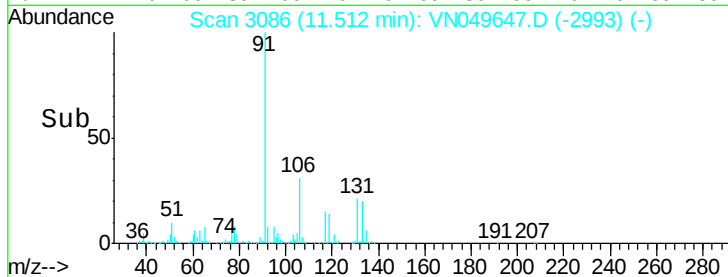
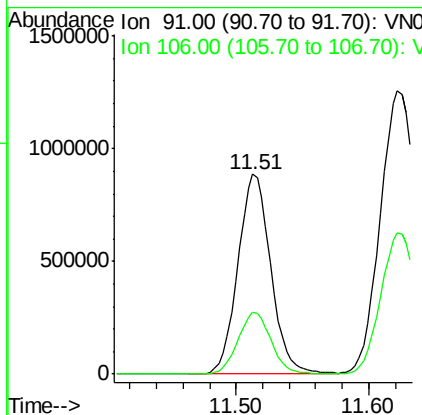
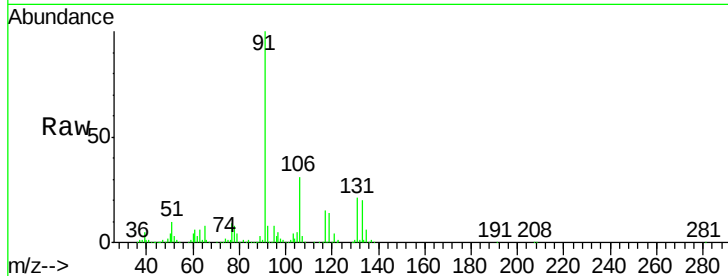
#67
Ethyl Benzene
Concen: 19.762 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. -0.00 min
Lab File: VN049647.D
Acq: 30 Jun 2018 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN0630WBSD01

Tgt Ion: 91 Resp: 1529216
Ion Ratio Lower Upper
91 100
106 30.9 24.8 37.2

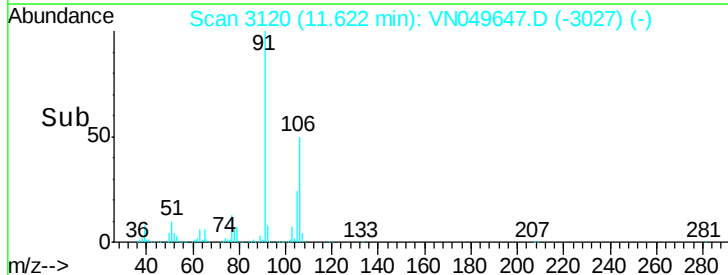
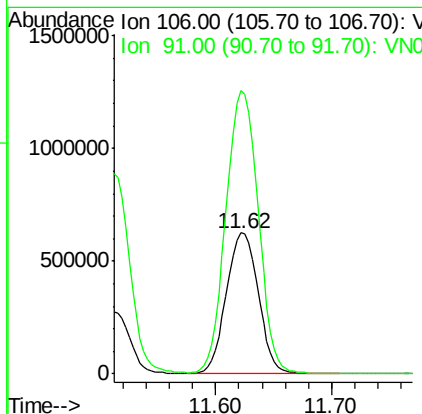
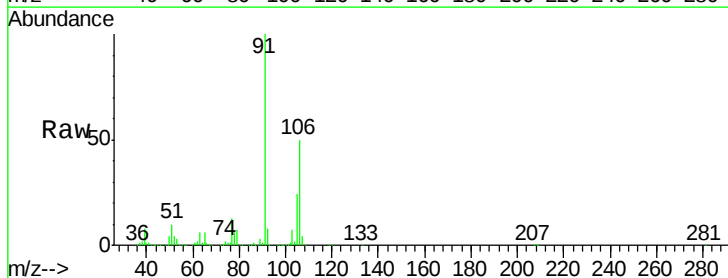
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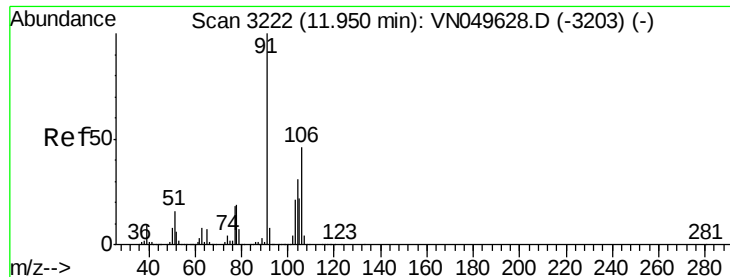
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#68
m/p-Xylenes
Concen: 40.423 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. 0.00 min
Lab File: VN049647.D
Acq: 30 Jun 2018 14:52

Tgt Ion: 106 Resp: 1198776
Ion Ratio Lower Upper
106 100
91 203.3 163.4 245.2





#69

o-Xylene

Concen: 20.337 ug/l

RT: 11.95 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN049647.D

Acq: 30 Jun 2018 14:52

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBSD01

Tgt Ion:106 Resp: 577442

Ion Ratio Lower Upper

106 100

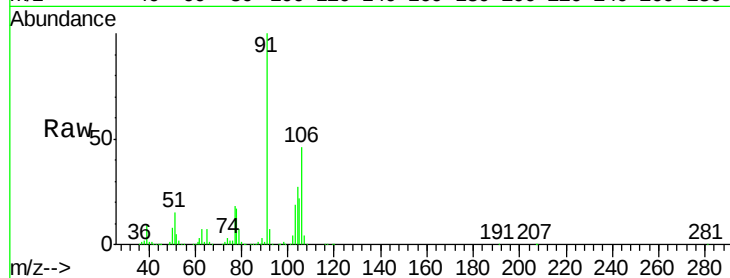
91 216.7 108.7 326.1

Manual Integrations

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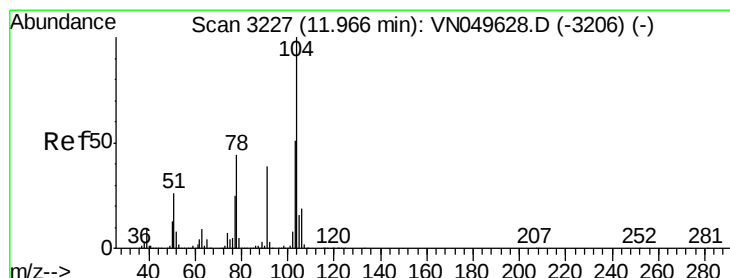
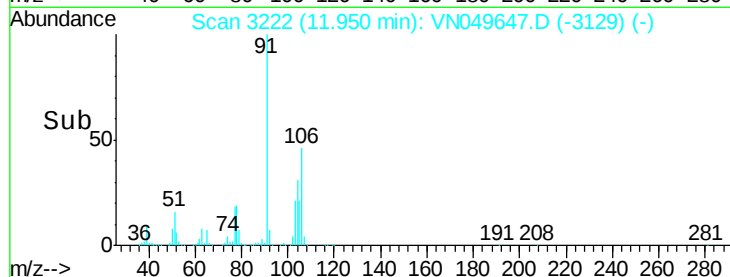
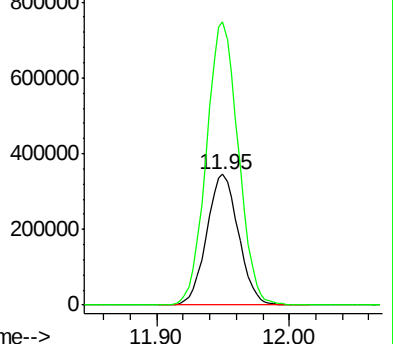
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#70

Styrene

Concen: 20.436 ug/l

RT: 11.97 min Scan# 3227

Delta R.T. 0.00 min

Lab File: VN049647.D

Acq: 30 Jun 2018 14:52

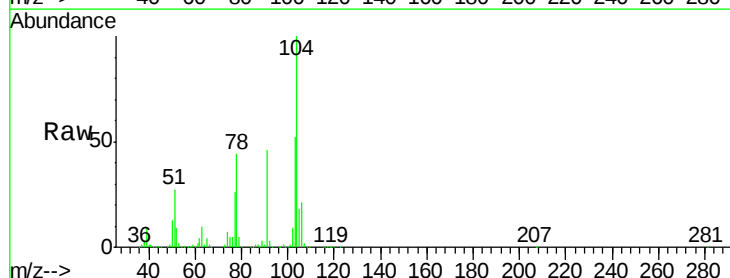
Tgt Ion:104 Resp: 938815

Ion Ratio Lower Upper

104 100

78 48.8 39.2 58.8

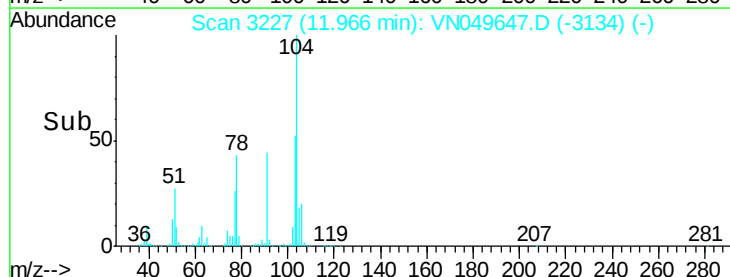
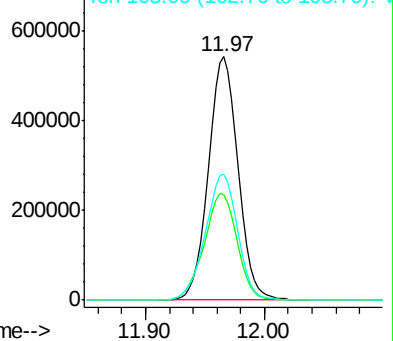
103 56.3 44.6 67.0

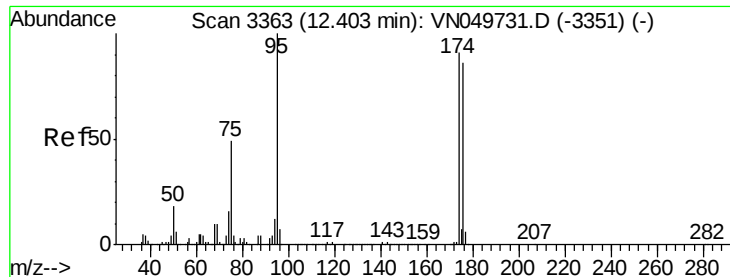


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 20.526 ug/l

RT: 12.13 min Scan# 3278

Delta R.T. 0.00 min

Lab File: VN049647.D

Acq: 30 Jun 2018 14:52

Instrument :

MSVOA_N

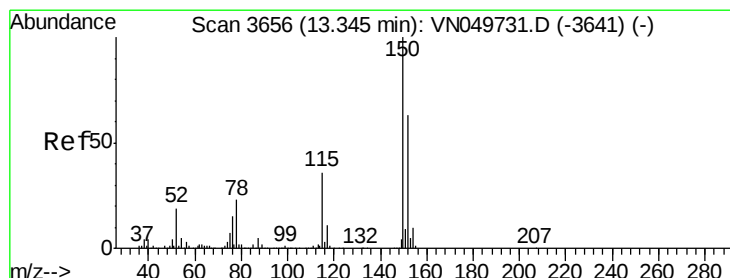
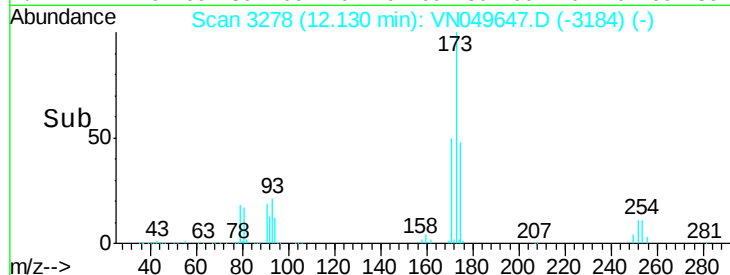
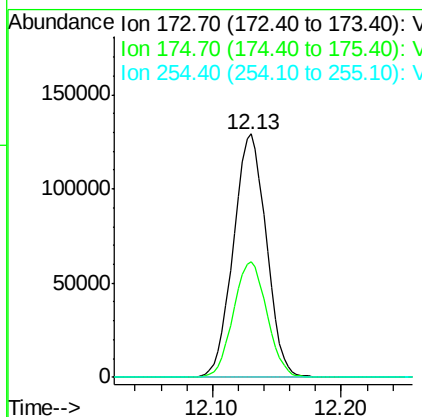
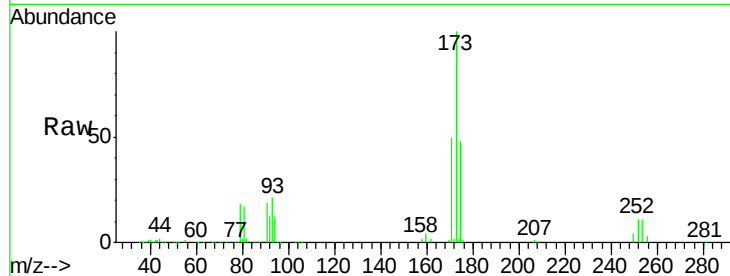
ClientSampleId :

VN0630WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	229413		
175	48.4	24.6	73.8	
254	0.0	0.2	0.2#	

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

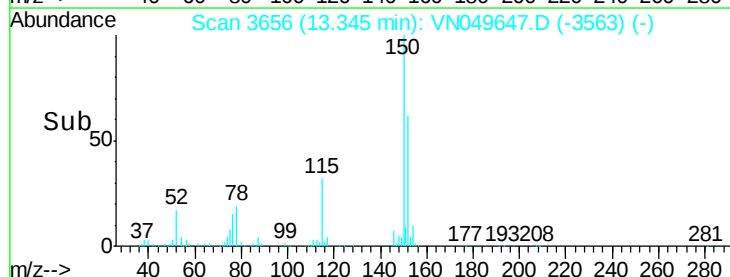
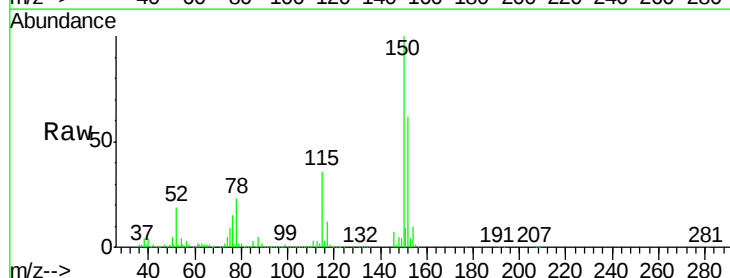
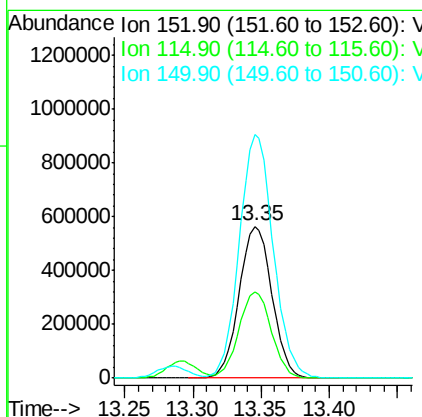
RT: 13.35 min Scan# 3656

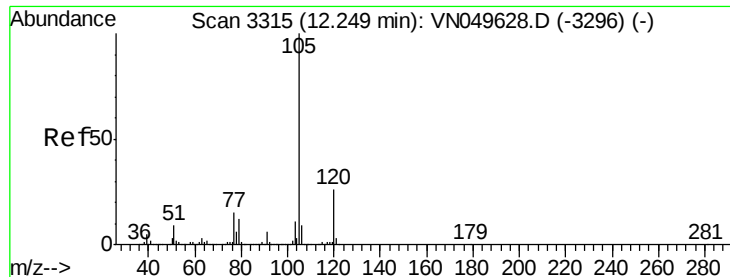
Delta R.T. 0.00 min

Lab File: VN049647.D

Acq: 30 Jun 2018 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	941404		
115	56.4	28.1	84.2	
150	166.0	0.0	347.6	





#73

Isopropylbenzene

Concen: 20.230 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049647.D

Acq: 30 Jun 2018 14:52

Instrument :

MSVOA_N

ClientSampled :

VN0630WBSD01

Tgt Ion: 105 Resp: 1517016

Ion Ratio Lower Upper

105 100

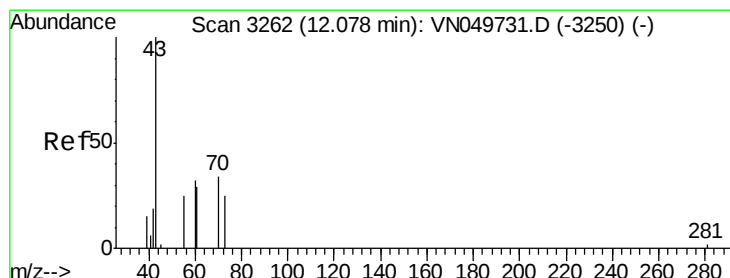
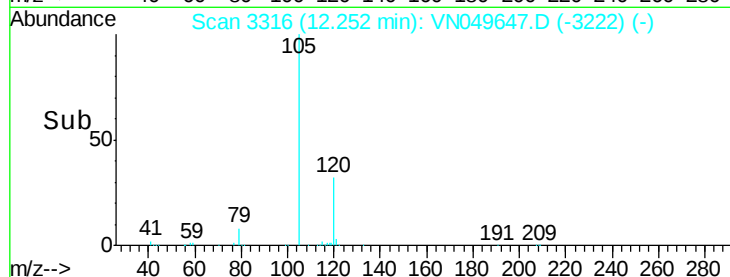
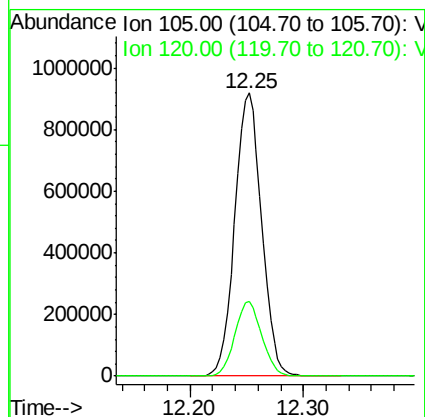
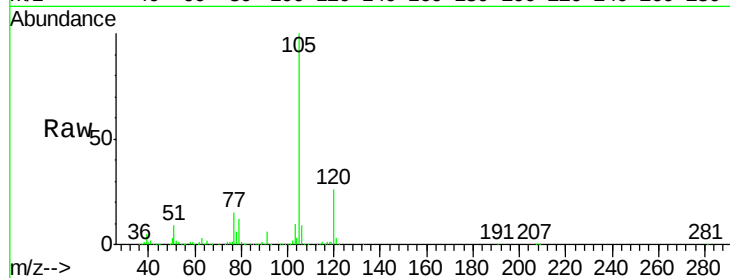
120 26.3 13.3 39.8

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#74

N-ethyl acetate

Concen: 19.784 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN049647.D

Acq: 30 Jun 2018 14:52

Tgt Ion: 43 Resp: 405230

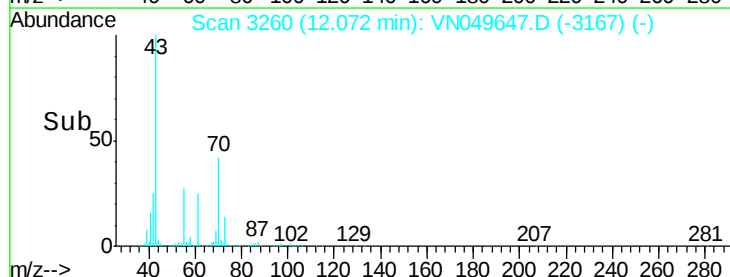
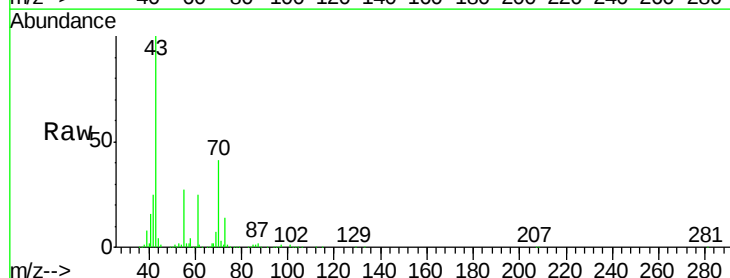
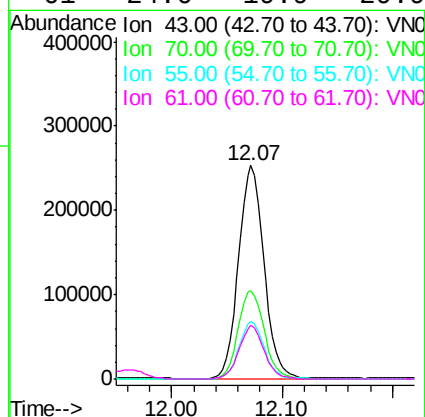
Ion Ratio Lower Upper

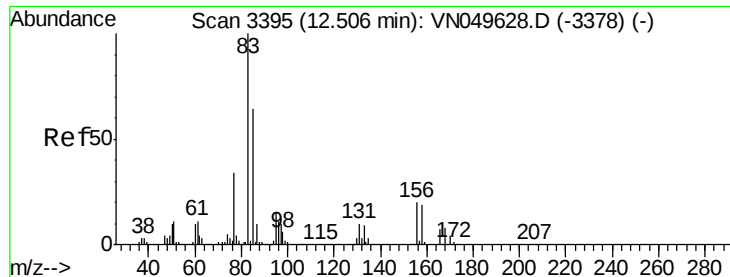
43 100

70 42.8 34.8 52.2

55 26.8 20.9 31.3

61 24.6 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 21.807 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. -0.00 min

Lab File: VN049647.D

Acq: 30 Jun 2018 14:52

Instrument :

MSVOA_N

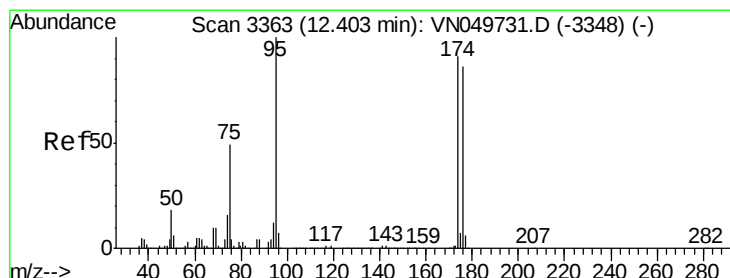
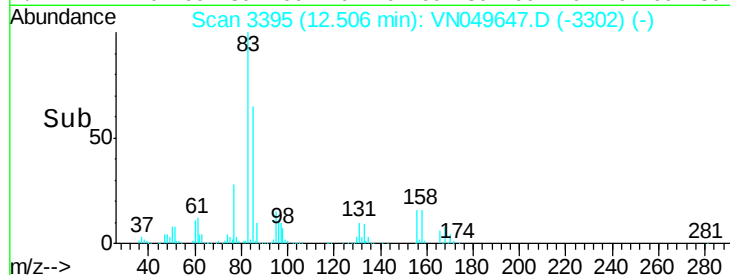
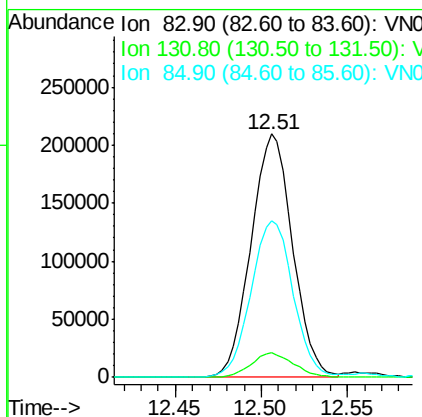
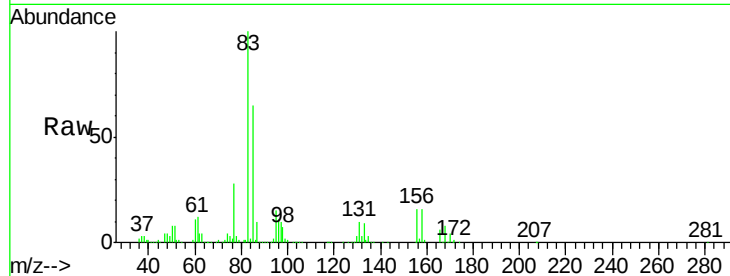
ClientSampleId :

VN0630WBSD01

Tgt Ion:	83	Resp:	351868
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.2	15.6
85	64.9	32.5	97.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.776 ug/l m

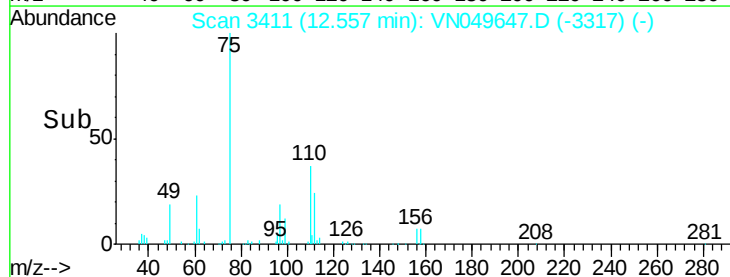
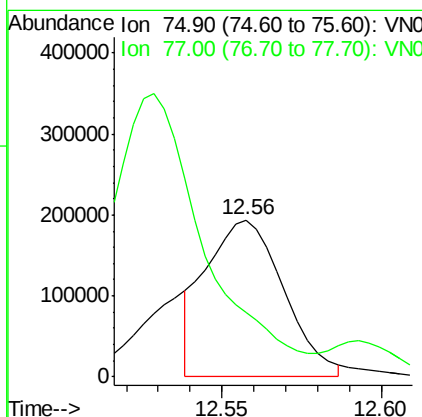
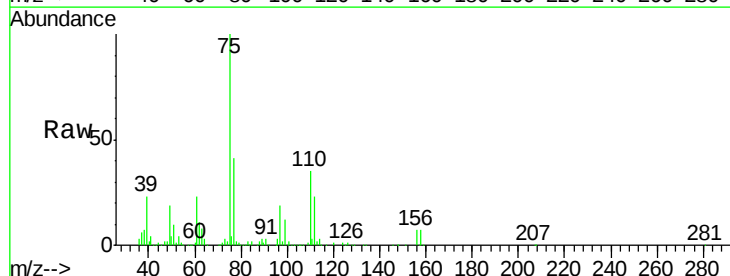
RT: 12.56 min Scan# 3411

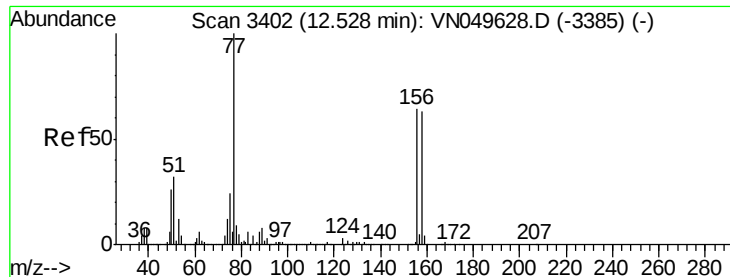
Delta R.T. 0.00 min

Lab File: VN049647.D

Acq: 30 Jun 2018 14:52

Tgt Ion:	75	Resp:	328776
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.394 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049647.D

Acq: 30 Jun 2018 14:52

Instrument :

MSVOA_N

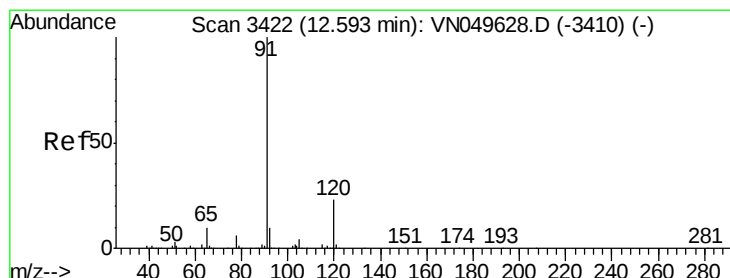
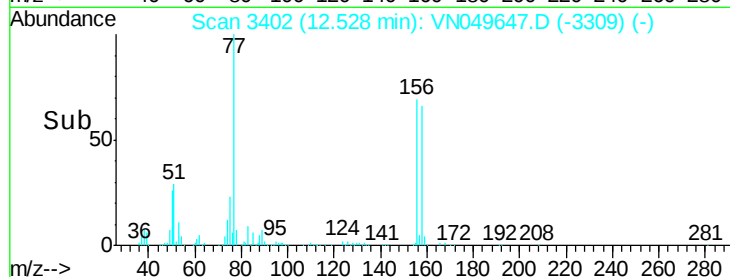
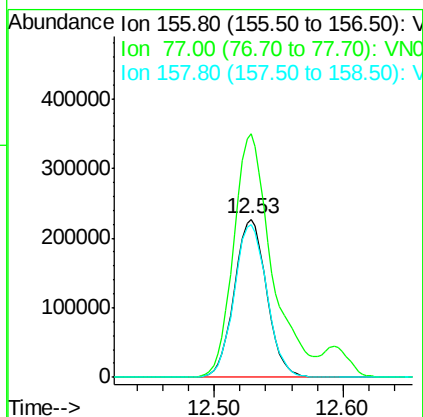
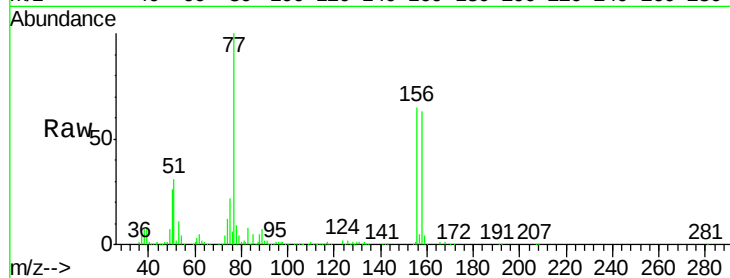
ClientSampleId :

VN0630WBSD01

Tgt Ion:	156	Resp:	395449
Ion Ratio	Lower	Upper	
156	100		
77	182.5	90.2	270.6
158	98.2	49.1	147.3

Manual Integrations
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#78

n-propylbenzene

Concen: 20.594 ug/l

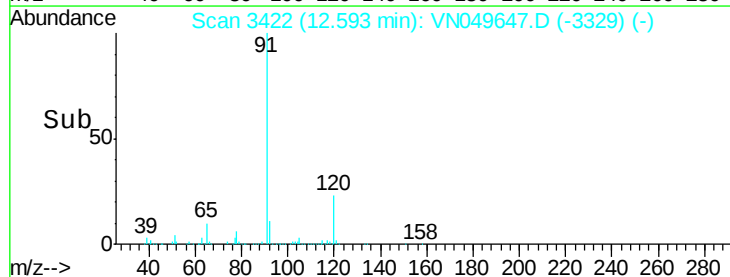
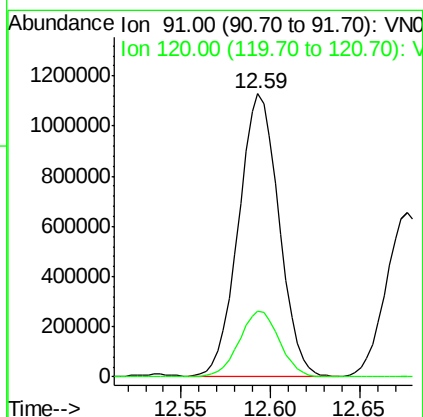
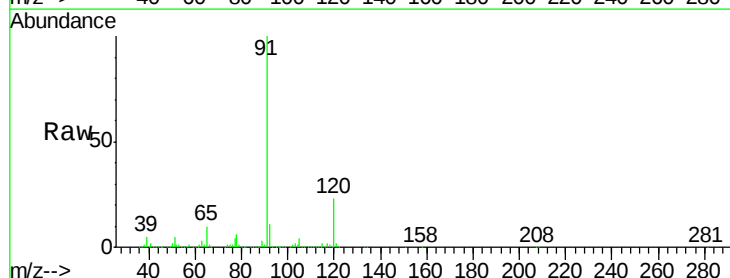
RT: 12.59 min Scan# 3422

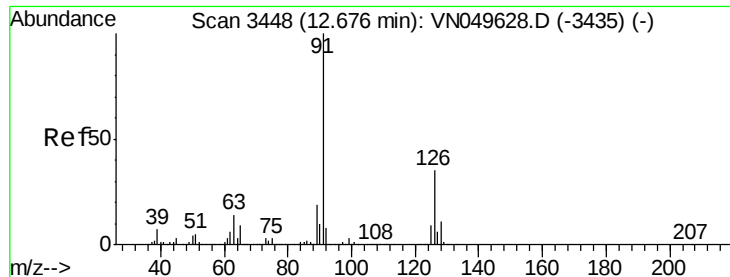
Delta R.T. 0.00 min

Lab File: VN049647.D

Acq: 30 Jun 2018 14:52

Tgt Ion:	91	Resp:	1769847
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.5	34.4





#79

2-Chlorotoluene

Concen: 19.895 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049647.D

Acq: 30 Jun 2018 14:52

Instrument :

MSVOA_N

ClientSampled :

VN0630WBSD01

Tgt Ion: 91 Resp: 1082124

Ion Ratio Lower Upper

91 100

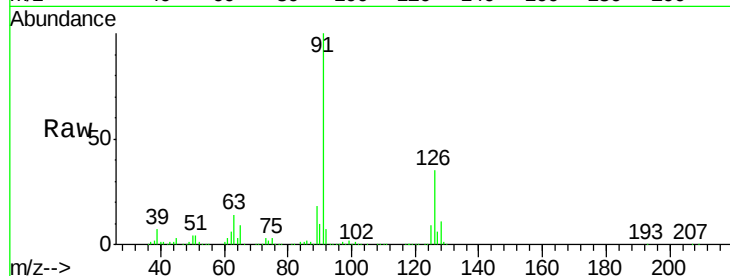
126 34.9 17.5 52.5

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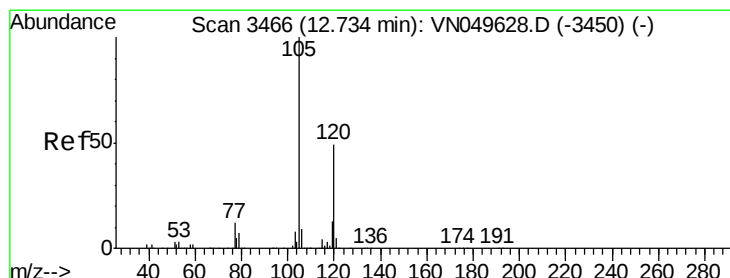
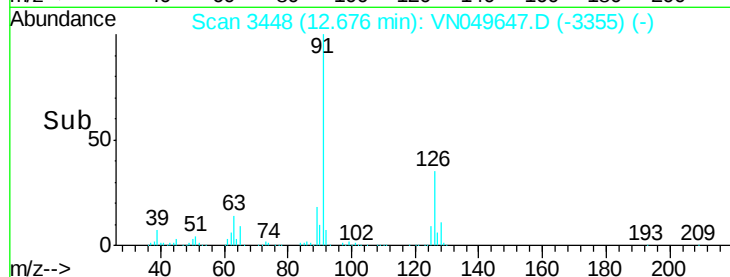
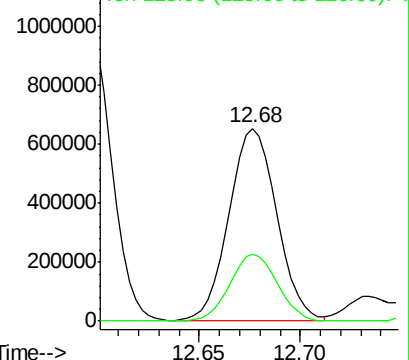
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Abundance Ion 91.00 (90.70 to 91.70): VN049628.D (-3435) (-)

Ion 125.90 (125.60 to 126.60): VN049628.D (-3435) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.822 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.00 min

Lab File: VN049647.D

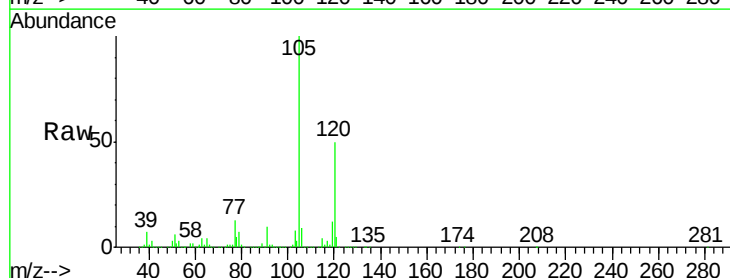
Acq: 30 Jun 2018 14:52

Tgt Ion: 105 Resp: 1297455

Ion Ratio Lower Upper

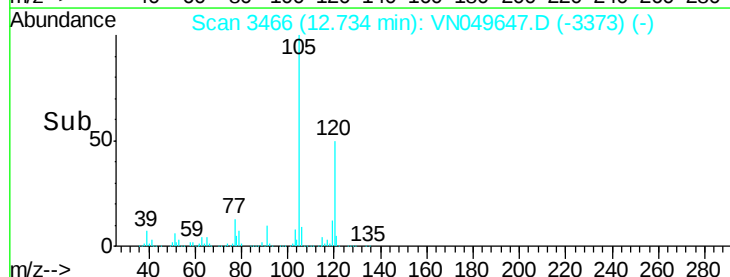
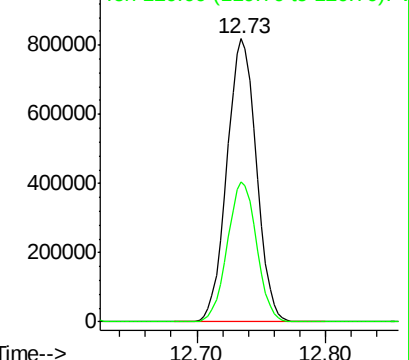
105 100

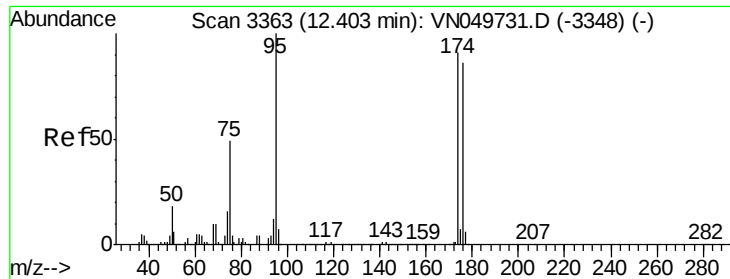
120 49.3 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VN049628.D (-3450) (-)

Ion 120.00 (119.70 to 120.70): VN049628.D (-3450) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.771 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. -0.00 min

Lab File: VN049647.D

Acq: 30 Jun 2018 14:52

Instrument :

MSVOA_N

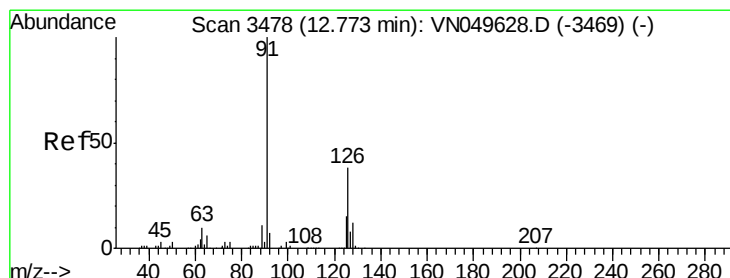
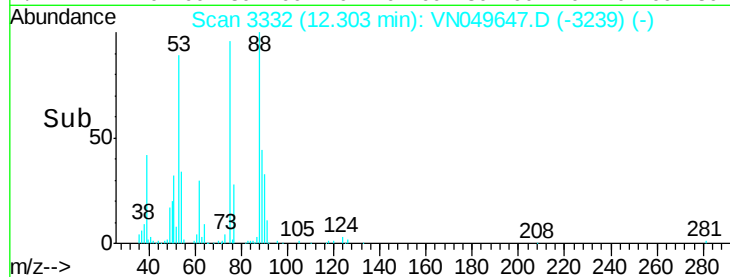
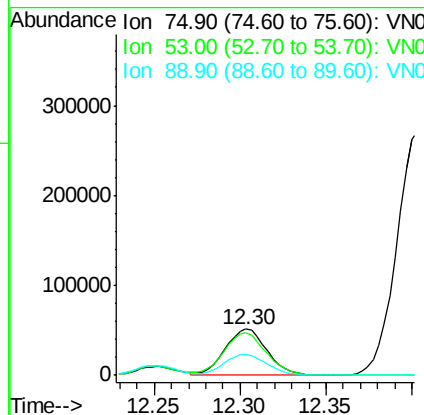
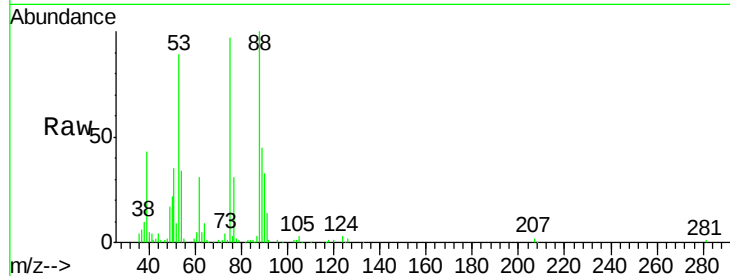
ClientSampled :

VN0630WBSD01

Tgt Ion:	75	Resp:	87889
Ion	Ratio	Lower	Upper
75	100		
53	93.6	73.9	110.9
89	46.8	35.9	53.9

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.025 ug/l

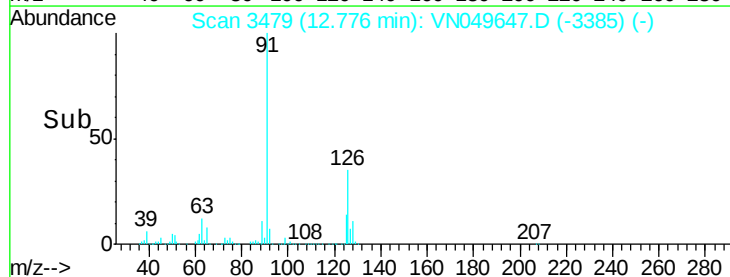
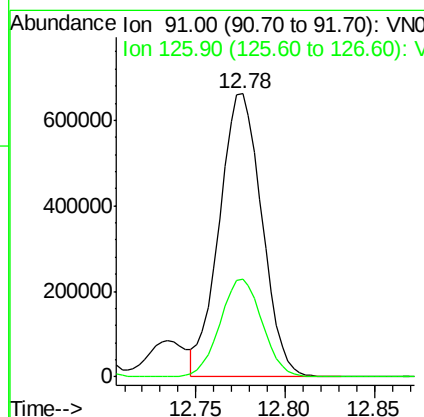
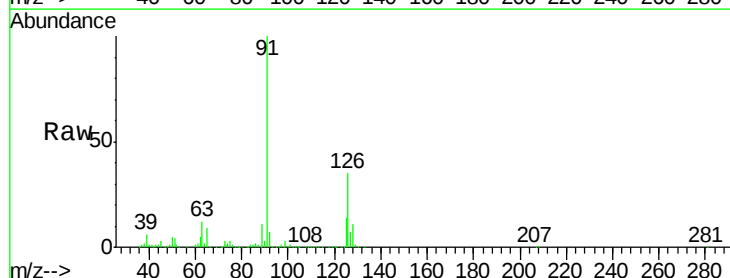
RT: 12.78 min Scan# 3479

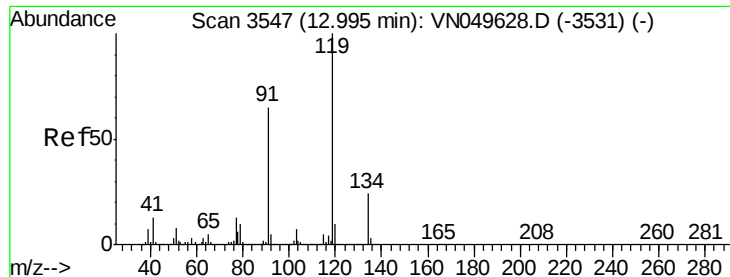
Delta R.T. 0.00 min

Lab File: VN049647.D

Acq: 30 Jun 2018 14:52

Tgt Ion:	91	Resp:	1095140
Ion	Ratio	Lower	Upper
91	100		
126	34.4	17.2	51.6





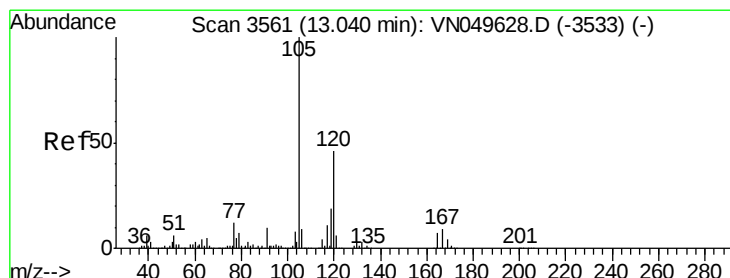
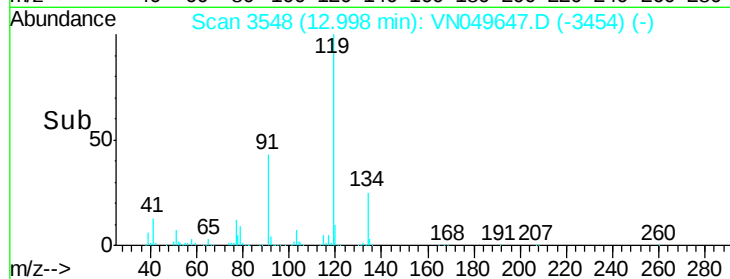
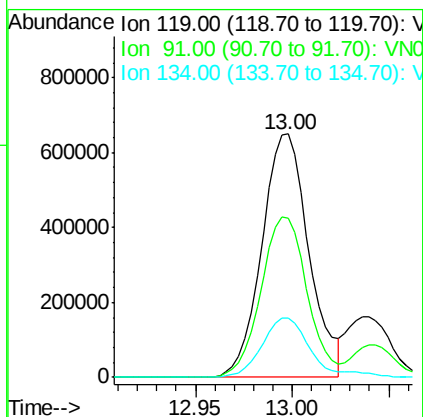
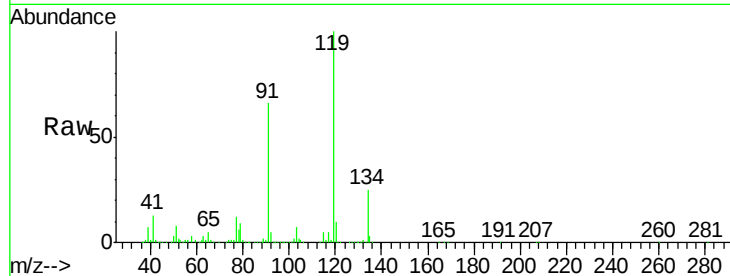
#83
 tert-Butylbenzene
 Concen: 20.584 ug/l
 RT: 13.00 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN049647.D
 Acq: 30 Jun 2018 14:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBSD01

Tgt Ion:119 Resp: 1101849
 Ion Ratio Lower Upper
 119 100
 91 64.5 32.0 96.2
 134 25.5 12.8 38.4

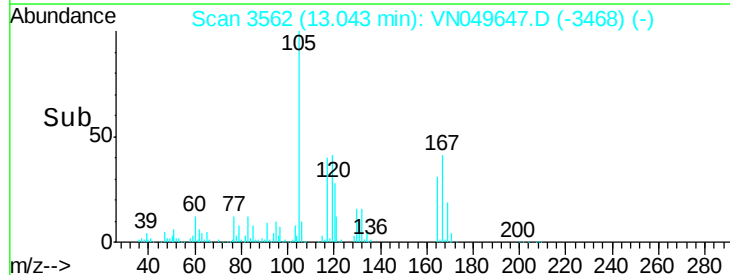
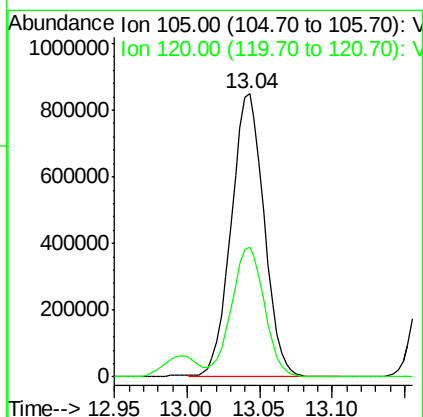
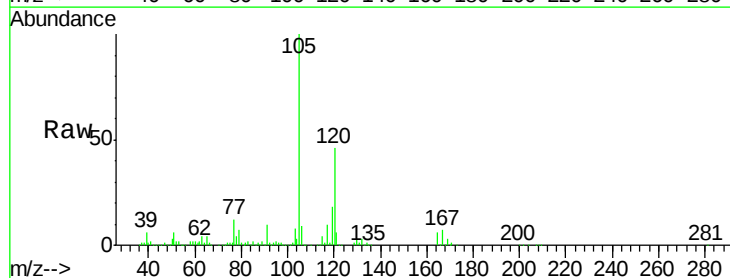
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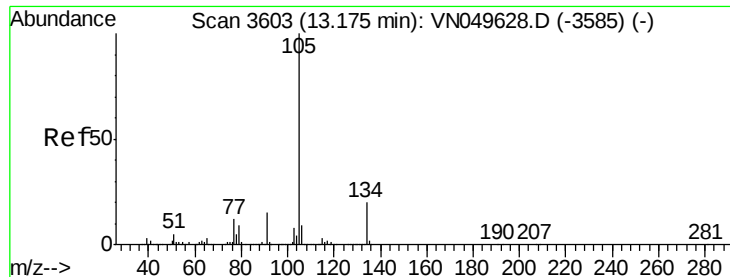
apatel
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.831 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN049647.D
 Acq: 30 Jun 2018 14:52

Tgt Ion:105 Resp: 1333807
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.7 68.1





#85

sec-Butylbenzene

Concen: 20.905 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. -0.00 min

Lab File: VN049647.D

Acq: 30 Jun 2018 14:52

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBSD01

Tgt Ion:105 Resp: 1482608

Ion Ratio Lower Upper

105 100

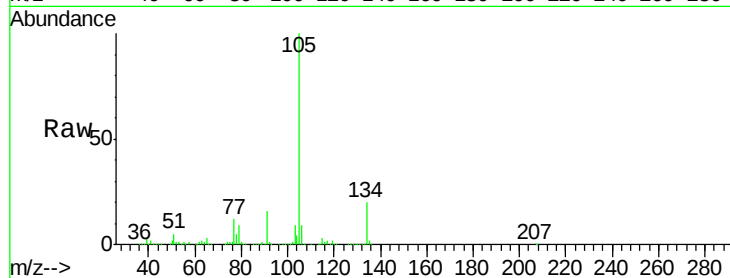
134 20.1 10.1 30.1

Manual Integrations

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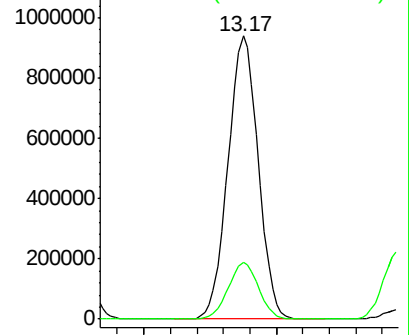
apatel

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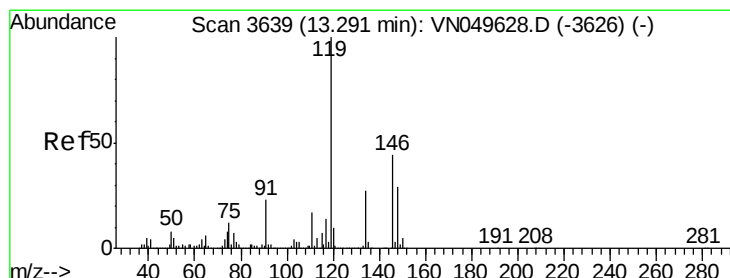
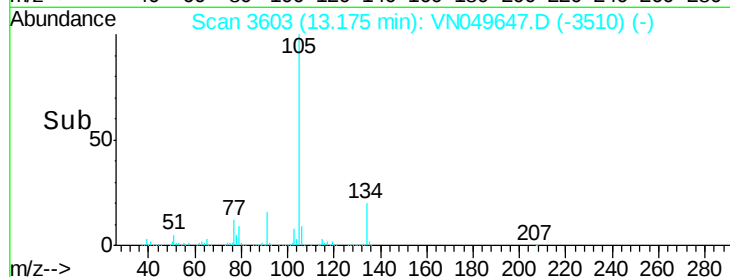


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 21.222 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. -0.00 min

Lab File: VN049647.D

Acq: 30 Jun 2018 14:52

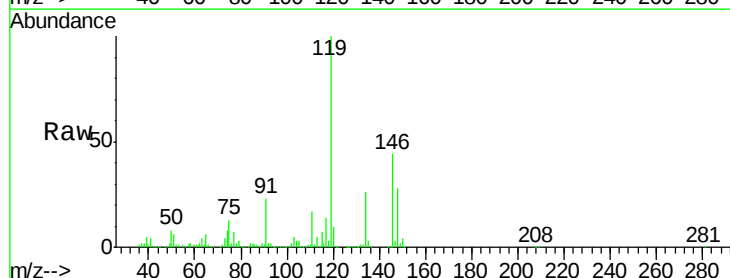
Tgt Ion:119 Resp: 1303666

Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.9

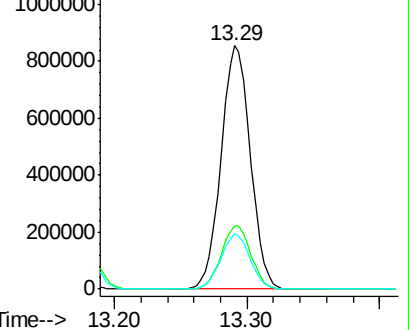
91 22.7 11.4 34.1



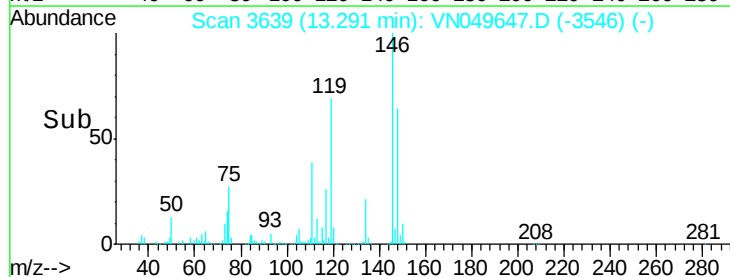
Abundance Ion 119.00 (118.70 to 119.70): V

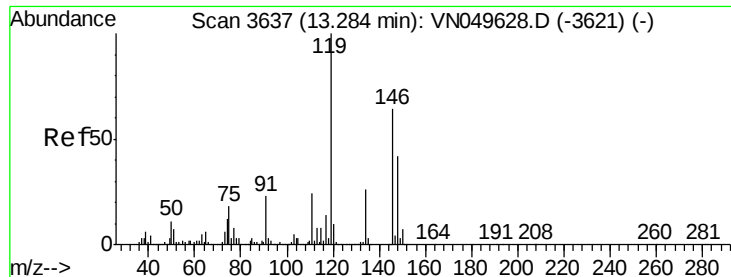
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



Time-->





#87

1,3-Dichlorobenzene

Concen: 20.174 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. 0.00 min

Lab File: VN049647.D

Acq: 30 Jun 2018 14:52

Instrument :

MSVOA_N

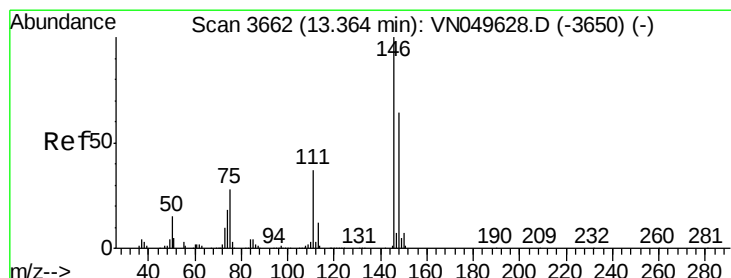
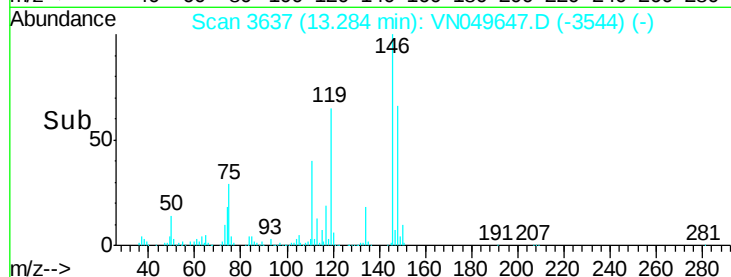
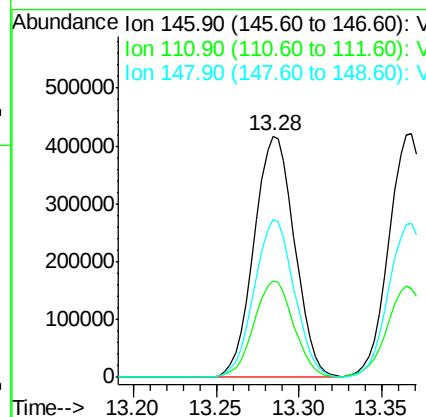
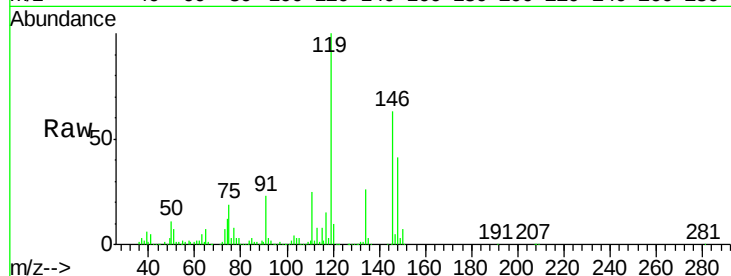
ClientSampleId :

VN0630WBSD01

Tgt Ion:	146	Resp:	708199
Ion Ratio	Lower	Upper	
146	100		
111	39.1	19.0	57.0
148	64.7	32.5	97.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 20.132 ug/l

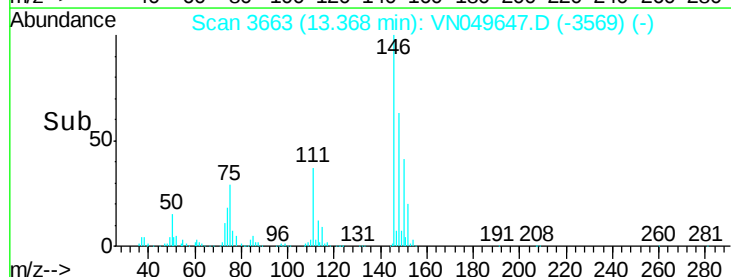
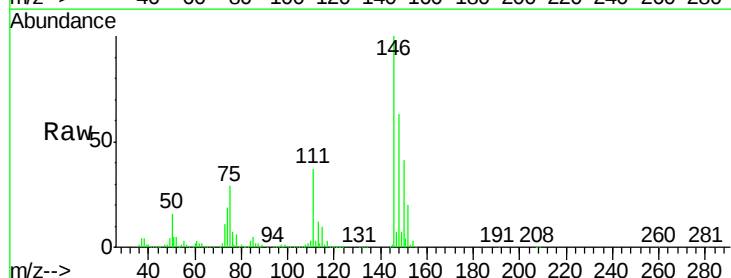
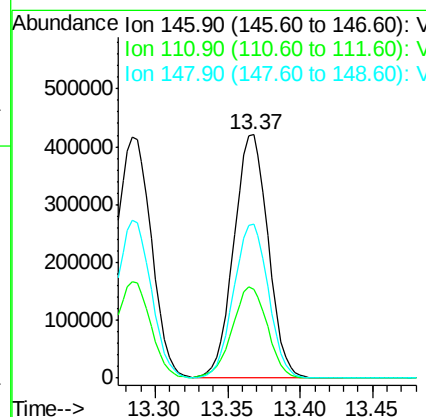
RT: 13.37 min Scan# 3663

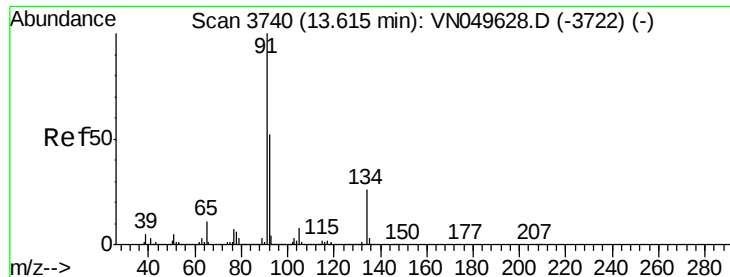
Delta R.T. 0.00 min

Lab File: VN049647.D

Acq: 30 Jun 2018 14:52

Tgt Ion:	146	Resp:	691746
Ion Ratio	Lower	Upper	
146	100		
111	38.4	18.9	56.5
148	64.1	32.1	96.3





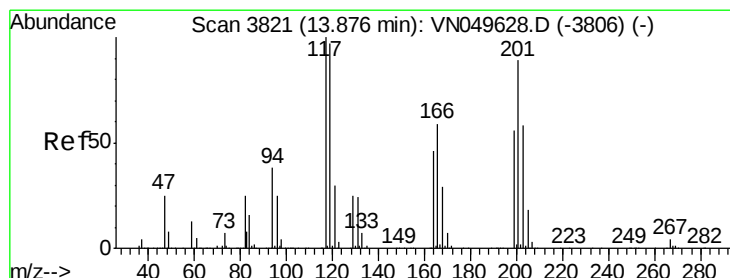
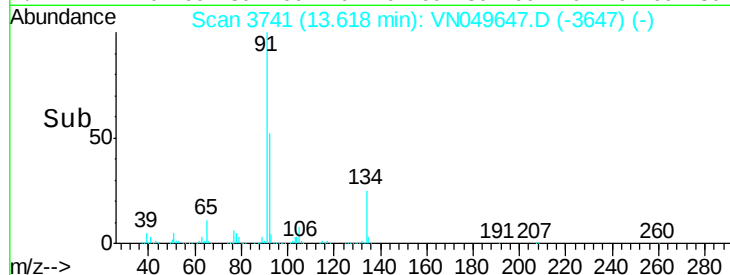
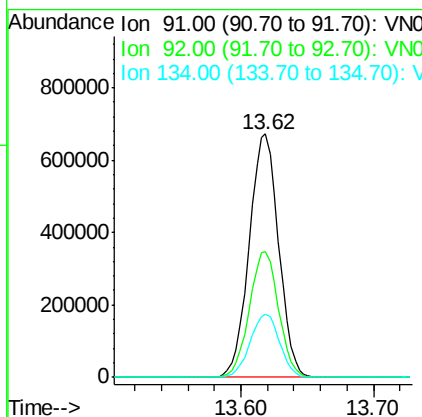
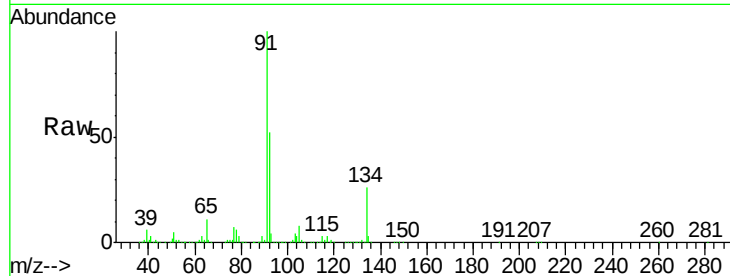
#89
n-Butylbenzene
Concen: 19.633 ug/l
RT: 13.62 min Scan# 3741
Delta R.T. 0.00 min
Lab File: VN049647.D
Acq: 30 Jun 2018 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN0630WBSD01

Tgt Ion: 91 Resp: 1032502
Ion Ratio Lower Upper
91 100
92 51.6 25.8 77.3
134 26.2 13.0 38.9

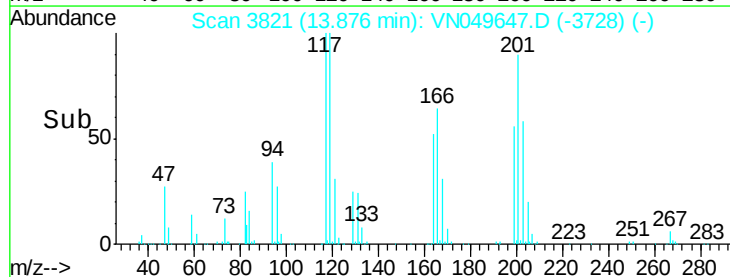
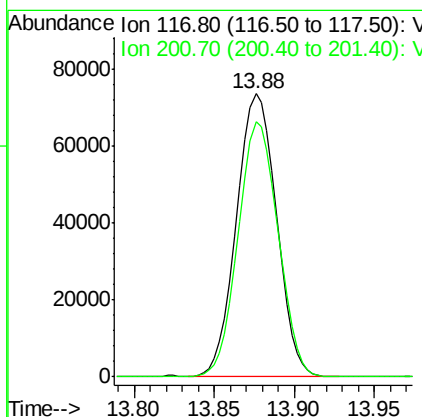
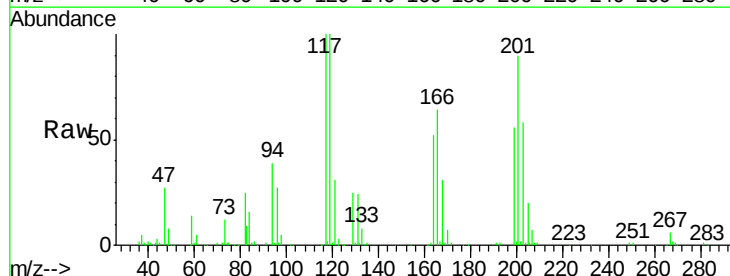
Manual Integrations
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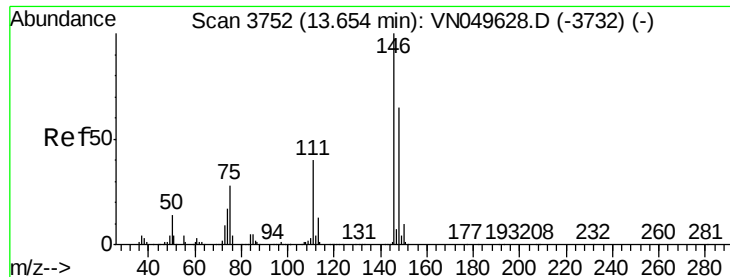
apatel
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#90
Hexachloroethane
Concen: 19.482 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. -0.00 min
Lab File: VN049647.D
Acq: 30 Jun 2018 14:52

Tgt Ion: 117 Resp: 125713
Ion Ratio Lower Upper
117 100
201 89.8 45.3 135.8





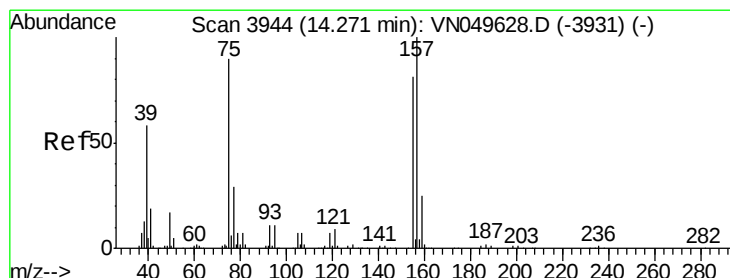
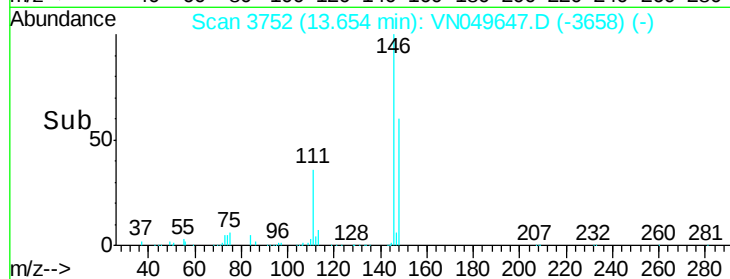
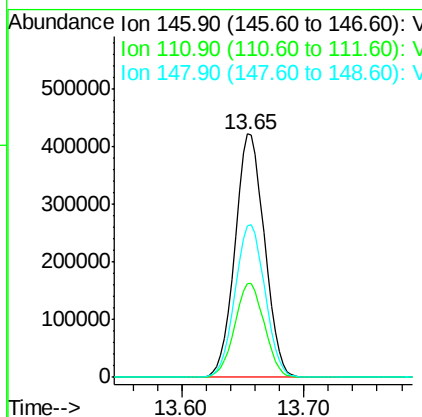
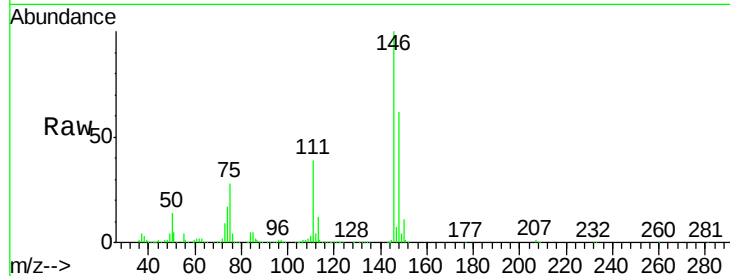
#91
 1,2-Dichlorobenzene
 Concen: 20.595 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. 0.00 min
 Lab File: VN049647.D
 Acq: 30 Jun 2018 14:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.7	59.1
148	63.8	32.0	96.2

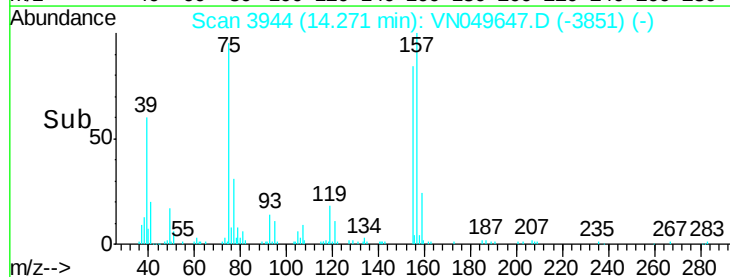
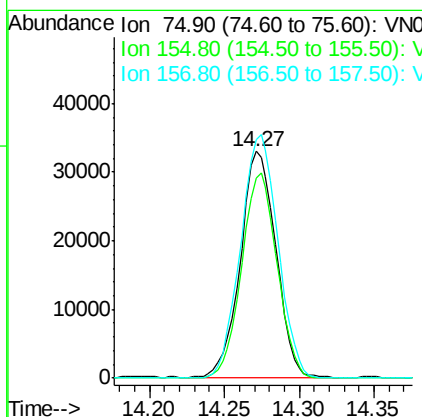
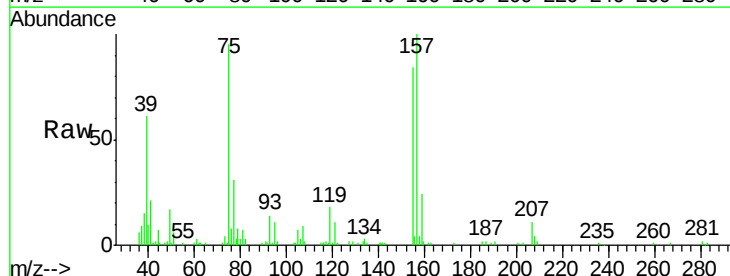
Manual Integrations
 APPROVED

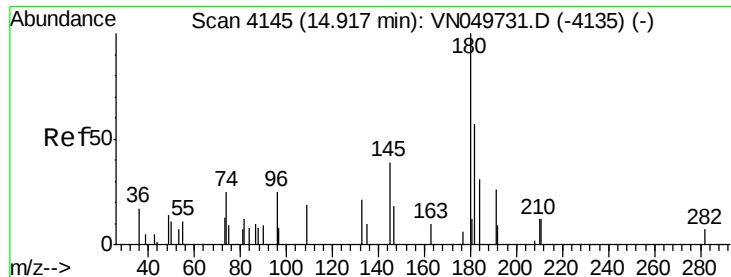
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.375 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VN049647.D
 Acq: 30 Jun 2018 14:52

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.4	45.7	137.1
157	112.2	56.9	170.7





#93

1,2,4-Trichlorobenzene

Concen: 18.090 ug/l

RT: 14.91 min Scan# 4144

Delta R.T. 0.00 min

Lab File: VN049647.D

Acq: 30 Jun 2018 14:52

Instrument :

MSVOA_N

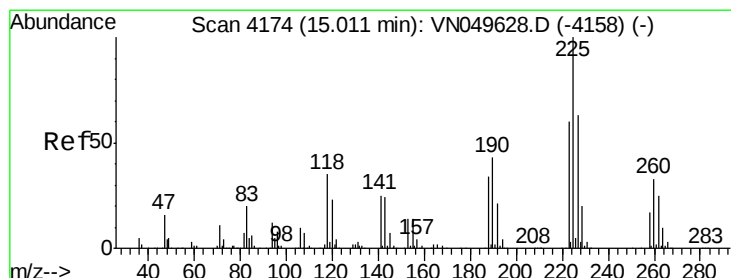
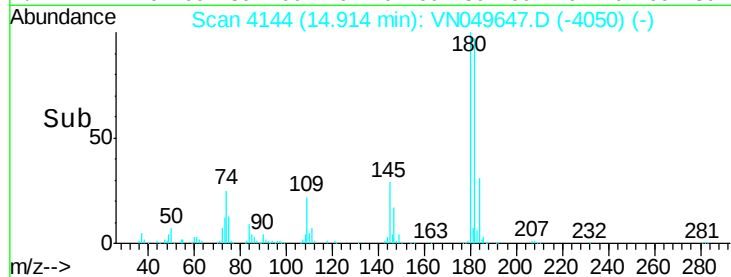
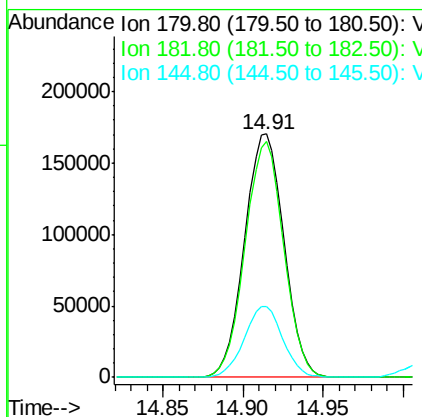
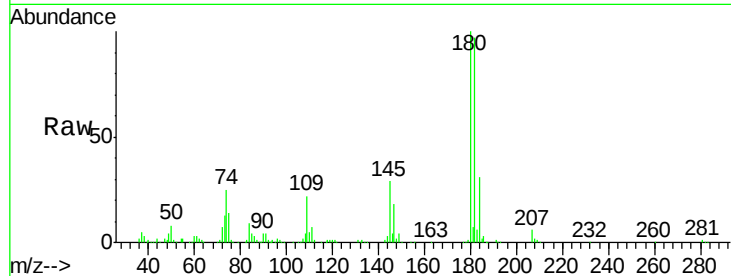
ClientSampled :

VN0630WBSD01

Tgt Ion:	180	Resp:	285830
Ion Ratio	Lower	Upper	
180	100		
182	95.0	47.3	141.9
145	28.5	14.4	43.0

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#94

Hexachlorobutadiene

Concen: 21.192 ug/l

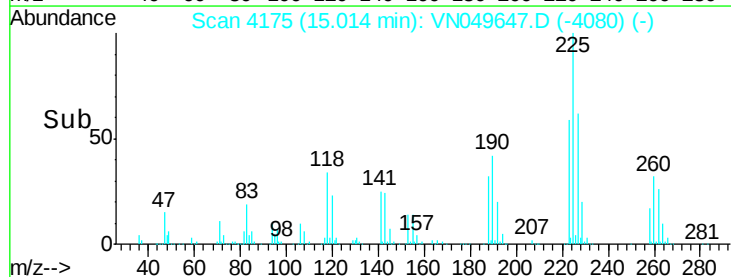
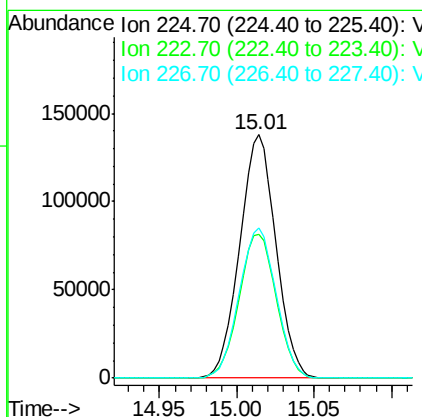
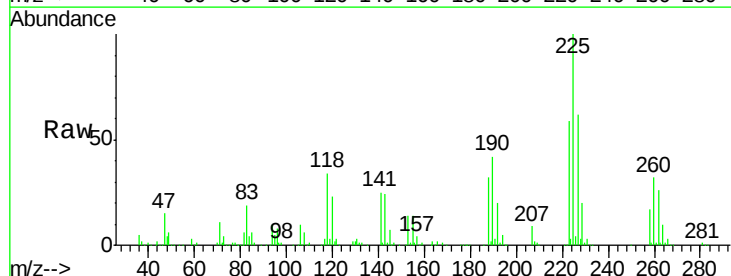
RT: 15.01 min Scan# 4175

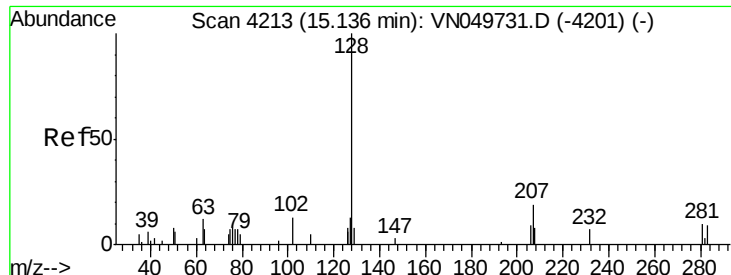
Delta R.T. 0.00 min

Lab File: VN049647.D

Acq: 30 Jun 2018 14:52

Tgt Ion:	225	Resp:	224749
Ion Ratio	Lower	Upper	
225	100		
223	60.8	30.9	92.7
227	62.7	31.8	95.4





#95

Naphthalene

Concen: 17.937 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049647.D

Acq: 30 Jun 2018 14:52

Instrument :

MSVOA_N

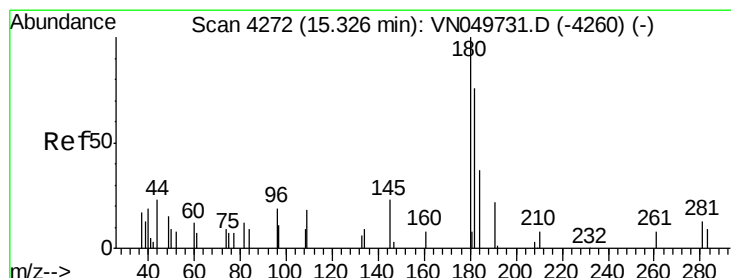
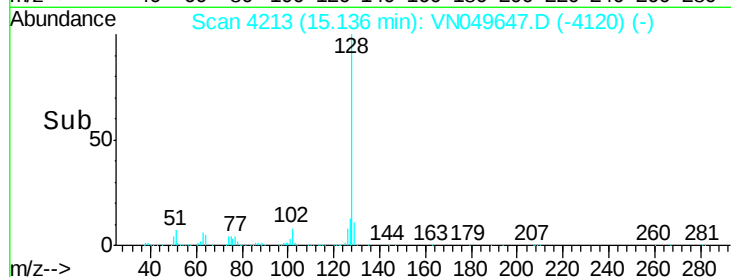
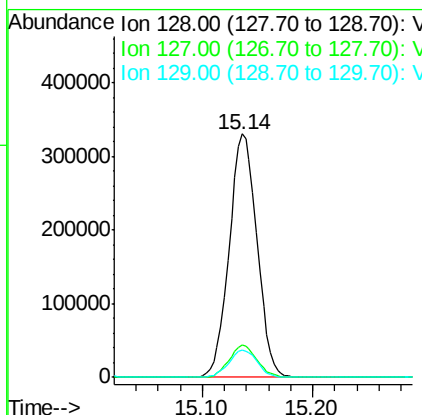
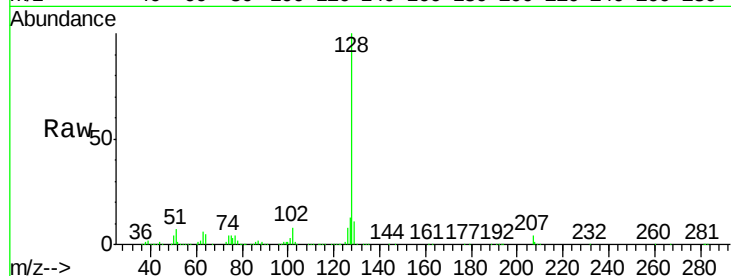
ClientSampled :

VN0630WBSD01

Tgt Ion:	128	Resp:	578005
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.4	15.6
129	11.3	8.6	13.0

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 19.101 ug/l

RT: 15.32 min Scan# 4270

Delta R.T. 0.00 min

Lab File: VN049647.D

Acq: 30 Jun 2018 14:52

Tgt Ion:	180	Resp:	297277
Ion Ratio	Lower	Upper	
180	100		
182	96.4	47.4	142.2
145	29.1	15.2	45.6

