

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082418\
 Data File : VN050863.D
 Acq On : 24 Aug 2018 9:13
 Operator : MD\SY
 Sample : VN0824WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/25/2018 1:18:22 PM

Quant Time: Aug 24 14:14:07 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072518W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 26 15:21:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	112339	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	616841	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	545725	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	218162	28.57	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	95.23%
60) 4-Bromofluorobenzene	12.40	95	250494	29.88	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.60%
63) Toluene-d8	10.09	98	778861	29.88	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.60%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	185989	24.025	ug/l 97
3) Chloromethane	2.06	50	203043	25.439	ug/l 99
4) Vinyl Chloride	2.18	62	199080	23.427	ug/l 96
5) Bromomethane	2.57	94	115744	22.344	ug/l 99
6) Chloroethane	2.70	64	115318	22.946	ug/l 97
7) Trichlorofluoromethane	3.01	101	262969	23.682	ug/l 100
8) Diethyl Ether	3.41	74	85528	22.962	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	160805	23.805	ug/l 98
10) 1,1-Dichloroethene	3.74	96	142276	23.754	ug/l 93
11) Methyl Iodide	3.95	142	111700	12.674	ug/l 97
12) Methyl Acetate	4.33	43	143334	20.891	ug/l 100
13) Acrolein	3.61	56	18811	44.363	ug/l 95
14) Acrylonitrile	4.99	53	242127	105.758	ug/l 98
15) Acetone	3.82	58	58752	96.561	ug/l 90
16) Carbon Disulfide	4.05	76	441300	24.076	ug/l 100
17) Allyl chloride	4.32	41	218340	23.083	ug/l 96
18) Methylene Chloride	4.55	84	166453	24.083	ug/l 97
19) trans-1,2-Dichloroethene	5.04	96	149908	23.378	ug/l 99
20) Diisopropyl ether	5.95	45	465203	23.986	ug/l 100
21) 1,1-Dichloroethane	5.85	63	283620	23.256	ug/l 99
22) cis-1,2-Dichloroethene	6.83	96	167268	23.521	ug/l 99
23) tert-Butyl Alcohol	4.78	59	46628	91.146	ug/l # 100
24) Methyl tert-Butyl Ether	5.05	73	367380	22.491	ug/l 98
25) Chloroform	7.37	83	283526	22.966	ug/l 100
26) Cyclohexane	7.65	56	243063	25.081	ug/l # 98
29) 1,1-Dichloropropene	7.79	75	219291	22.907	ug/l 98
30) 2-Butanone	6.84	43	269538	89.728	ug/l 97
31) 2,2-Dichloropropane	6.82	77	228164	21.562	ug/l 99
32) 1,1,1-Trichloroethane	7.57	97	242945	21.561	ug/l 99
33) Carbon Tetrachloride	7.77	117	214088	21.315	ug/l 99
34) Benzene	8.04	78	656006	22.564	ug/l 96
35) Methacrylonitrile	7.17	41	50691	14.821	ug/l 97
36) 1,2-Dichloroethane	8.12	62	194419	20.367	ug/l 100
37) Trichloroethene	8.83	130	170691	22.386	ug/l 94
38) Methylcyclohexane	9.08	83	228244	22.616	ug/l 100
39) 1,2-Dichloropropane	9.12	63	170413	22.251	ug/l 98
40) Dibromomethane	9.21	93	100237	21.177	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	210084	21.041	ug/l	97
42) Vinyl Acetate	5.90	43	1411834	99.876	ug/l	100
43) Ethyl Acetate	6.93	43	117541	18.738	ug/l	93
44) Isopropyl Acetate	8.17	43	216251	18.610	ug/l	99
45) 1,4-Dioxane	9.20	88	29505	385.864	ug/l	94
46) Methyl methacrylate	9.20	41	103229	18.325	ug/l	98
47) n-amyl Acetate	12.07	43	158402	17.519	ug/l	96
48) t-1,3-Dichloropropene	10.38	75	201440	21.166	ug/l	98
49) cis-1,3-Dichloropropene	9.84	75	242292	21.667	ug/l	95
50) 1,1,2-Trichloroethane	10.56	97	143979	21.191	ug/l	99
51) Ethyl methacrylate	10.43	69	158793	19.255	ug/l	94
52) 1,3-Dichloropropane	10.71	76	235075	21.070	ug/l	100
53) Dibromochloromethane	10.90	129	160024	20.754	ug/l	99
54) 1,2-Dibromoethane	11.01	107	135129	20.307	ug/l	99
55) 2-Chloroethyl vinyl ether	9.70	63	332570	89.106	ug/l	99
56) Bromoform	12.13	173	106094	19.486	ug/l	98
58) 4-Methyl-2-Pentanone	9.99	43	601758	94.764	ug/l	98
59) 2-Hexanone	10.75	43	381074	87.965	ug/l	98
61) Tetrachloroethene	10.63	164	159144	21.530	ug/l	96
62) Toluene	10.16	91	695061	22.324	ug/l	99
64) Chlorobenzene	11.43	112	427717	22.654	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.51	131	161051	21.869	ug/l	99
66) Ethyl Benzene	11.51	91	706202	22.195	ug/l	100
67) m/p-Xylenes	11.62	106	566591	46.271	ug/l	97
68) o-Xylene	11.95	106	265426	22.782	ug/l	99
69) Styrene	11.96	104	411821	22.050	ug/l	99
70) Isopropylbenzene	12.25	105	710502	22.898	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.50	83	176099	20.671	ug/l	100
72) 1,2,3-Trichloropropane	12.55	75	139303m	19.145	ug/l	
73) Bromobenzene	12.53	156	178158	21.554	ug/l	99
74) n-propylbenzene	12.59	91	799629	22.127	ug/l	100
75) 2-Chlorotoluene	12.67	91	483603	22.280	ug/l	97
76) 1,3,5-Trimethylbenzene	12.73	105	581954	22.835	ug/l	99
77) t-1,4-Dichloro-2-butene	12.30	75	40719	17.117	ug/l	96
78) 4-Chlorotoluene	12.77	91	475851	22.123	ug/l	99
79) tert-butylbenzene	12.99	119	493496	22.649	ug/l	99
80) 1,2,4-Trimethylbenzene	13.04	105	587434	22.751	ug/l	99
81) sec-Butylbenzene	13.17	105	654642	22.117	ug/l	99
82) p-Isopropyltoluene	13.29	119	562987	22.292	ug/l	99
83) 1,3-Dichlorobenzene	13.28	146	303989	21.121	ug/l	99
84) 1,4-Dichlorobenzene	13.36	146	283742	20.862	ug/l	98
85) n-Butylbenzene	13.62	91	413394	20.170	ug/l	100
86) Hexachloroethane	13.87	117	106211	21.045	ug/l	98
87) 1,2-Dichlorobenzene	13.65	146	297097	21.118	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.27	75	22461	16.924	ug/l	97
89) 1,2,4-Trichlorobenzene	14.91	180	115018	17.117	ug/l	99
90) Hexachlorobutadiene	15.01	225	95486	21.553	ug/l	98
91) Naphthalene	15.13	128	203046	17.281	ug/l	98
92) 1,2,3-Trichlorobenzene	15.32	180	117865	17.247	ug/l	98

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VN0824WBS01

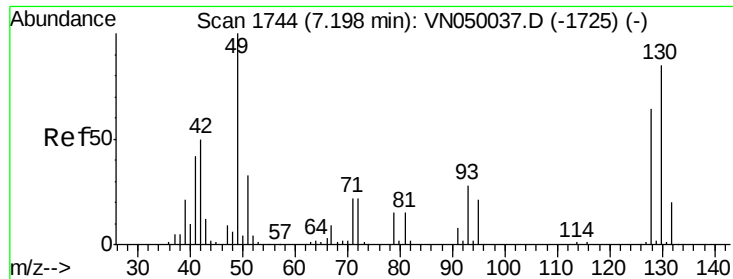
Manual Integrations
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QLast Update : Thu Jul 26 15:21:50 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.19 min Scan# 1743

Delta R.T. -0.00 min

Lab File: VN050863.D

Acq: 24 Aug 2018 9:13

Instrument :

MSVOA_N

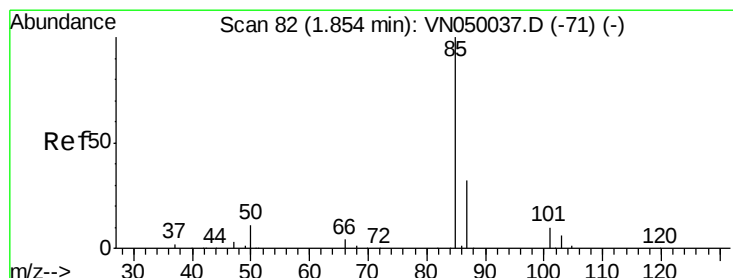
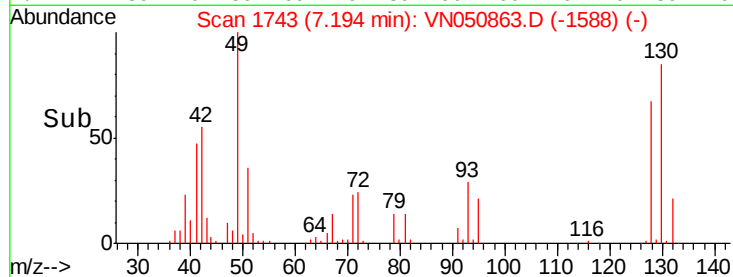
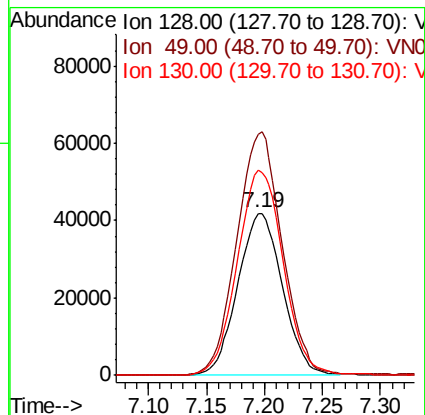
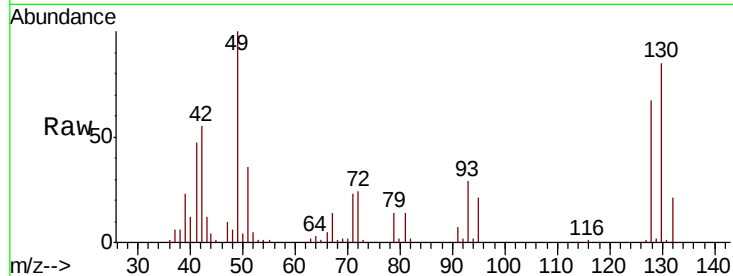
ClientSampleId :

VN0824WBS01

Tgt Ion:	128	Resp:	112339
Ion Ratio	Lower	Upper	
128	100		
49	152.4	0.0	378.3
130	130.4	0.0	320.7

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 24.025 ug/l

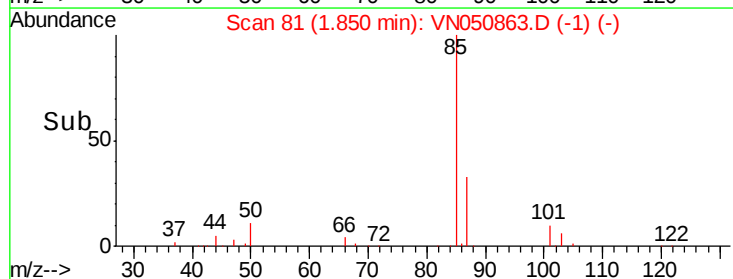
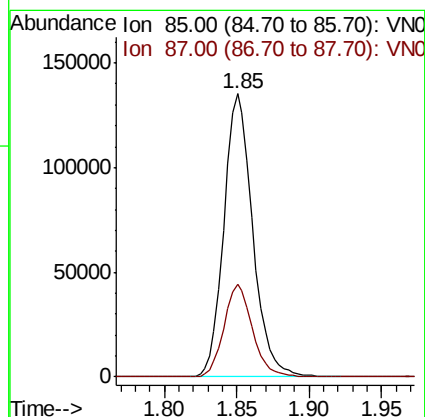
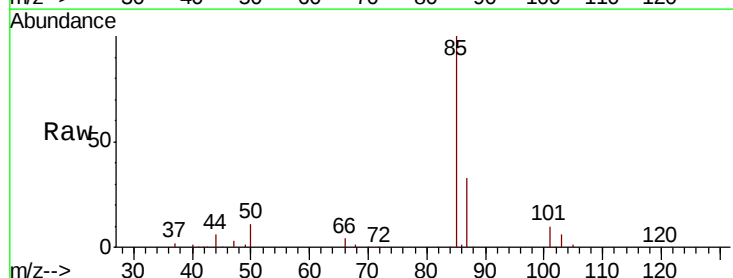
RT: 1.85 min Scan# 81

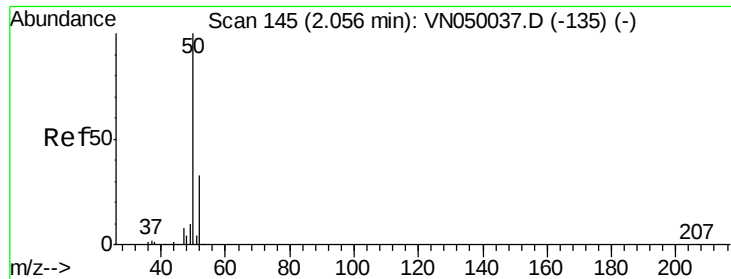
Delta R.T. -0.00 min

Lab File: VN050863.D

Acq: 24 Aug 2018 9:13

Tgt Ion:	85	Resp:	185989
Ion Ratio	Lower	Upper	
85	100		
87	32.5	15.4	46.4





#3

Chloromethane

Concen: 25.439 ug/l

RT: 2.06 min Scan# 145

Delta R.T. -0.00 min

Lab File: VN050863.D

Acq: 24 Aug 2018 9:13

Instrument :

MSVOA_N

ClientSampleId :

VN0824WBS01

Tgt Ion: 50 Resp: 203043

Ion Ratio Lower Upper

50 100

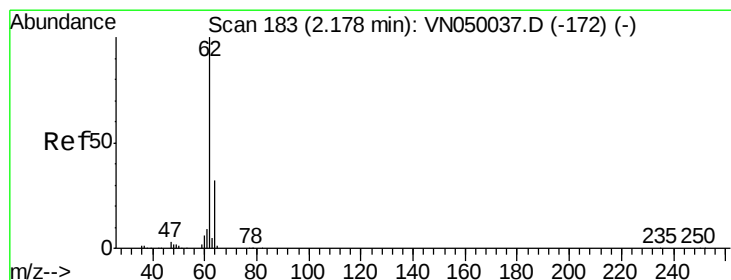
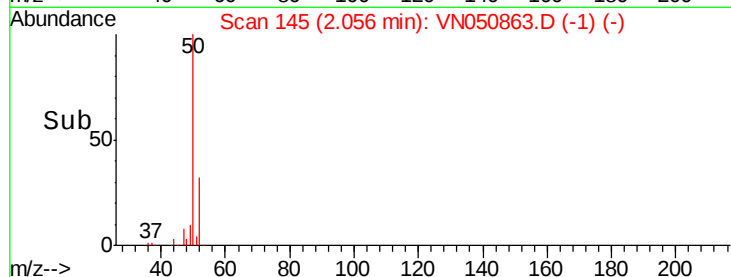
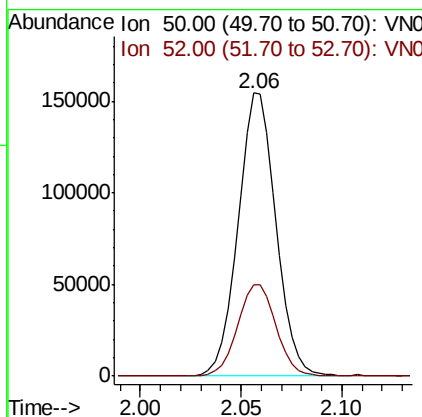
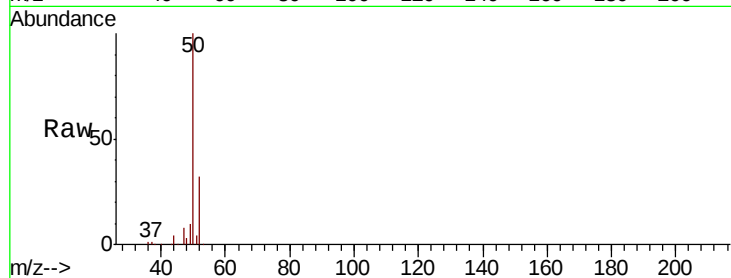
52 32.2 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 23.427 ug/l

RT: 2.18 min Scan# 185

Delta R.T. 0.01 min

Lab File: VN050863.D

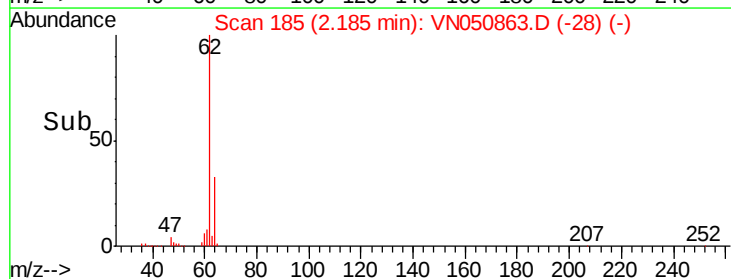
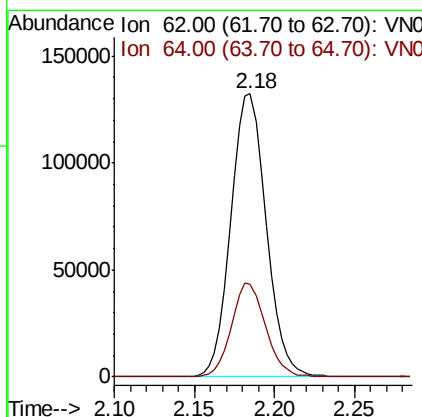
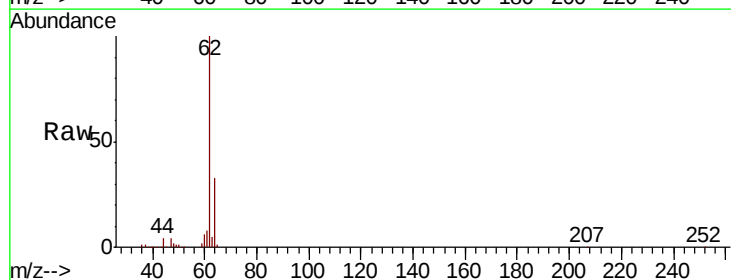
Acq: 24 Aug 2018 9:13

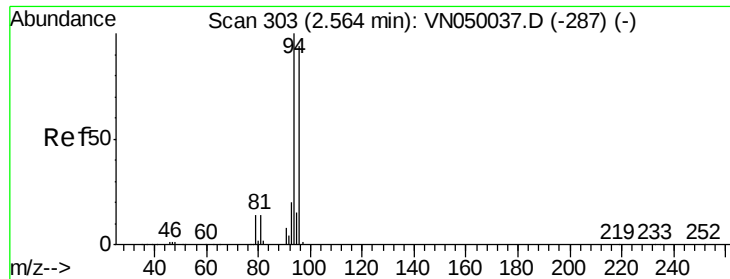
Tgt Ion: 62 Resp: 199080

Ion Ratio Lower Upper

62 100

64 32.8 24.4 36.6





#5

Bromomethane

Concen: 22.344 ug/l

RT: 2.57 min Scan# 304

Delta R.T. 0.00 min

Lab File: VN050863.D

Acq: 24 Aug 2018 9:13

Instrument :

MSVOA_N

ClientSampleId :

VN0824WBS01

Tgt Ion: 94 Resp: 115744

Ion Ratio Lower Upper

94 100

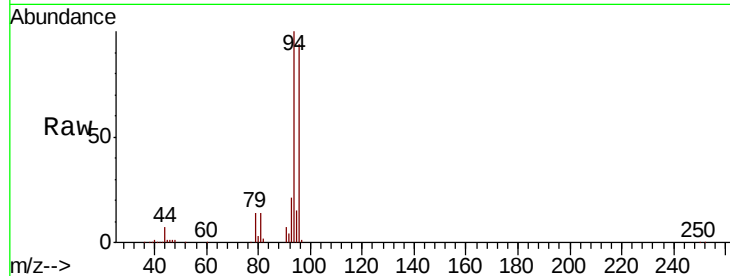
96 93.5 75.9 113.9

Manual Integrations

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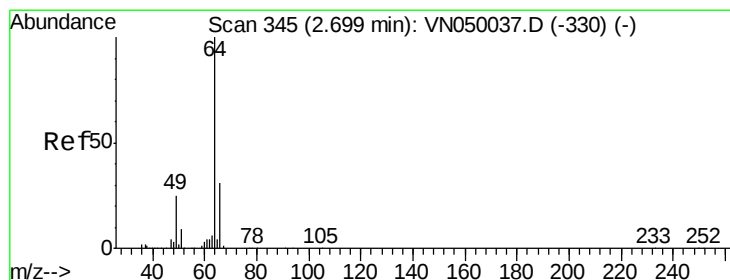
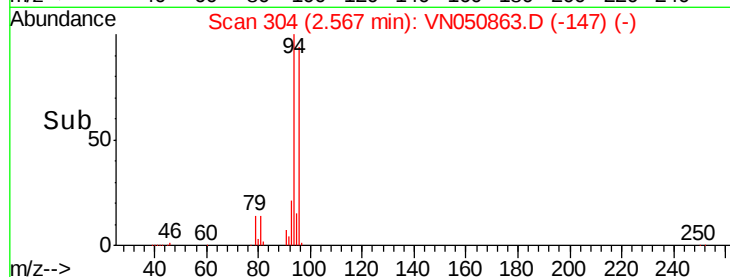
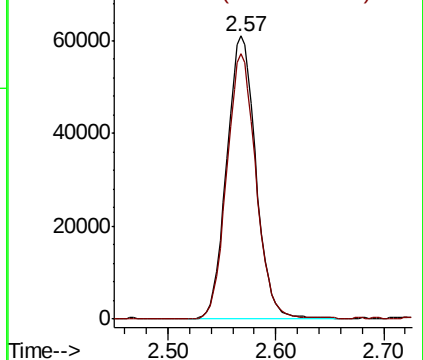
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Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



#6

Chloroethane

Concen: 22.946 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN050863.D

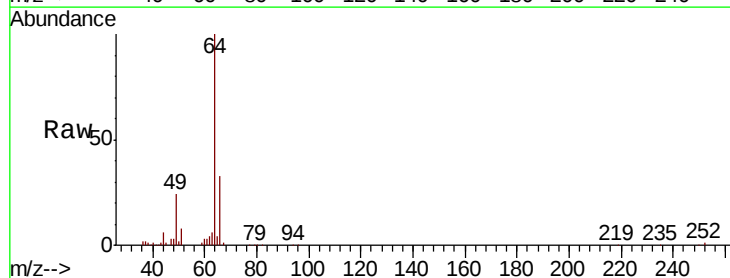
Acq: 24 Aug 2018 9:13

Tgt Ion: 64 Resp: 115318

Ion Ratio Lower Upper

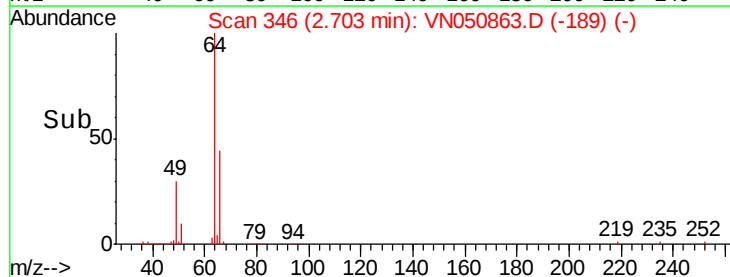
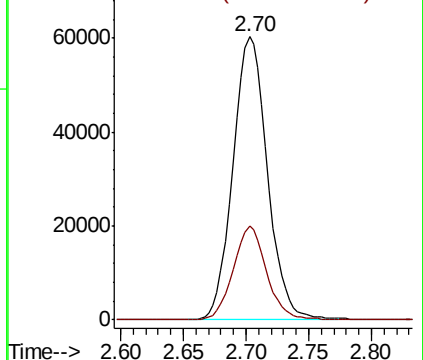
64 100

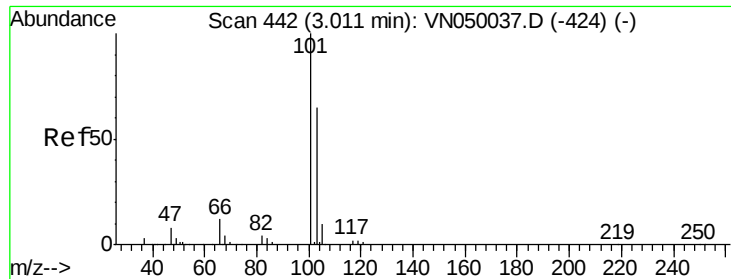
66 33.0 25.0 37.4



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0





#7

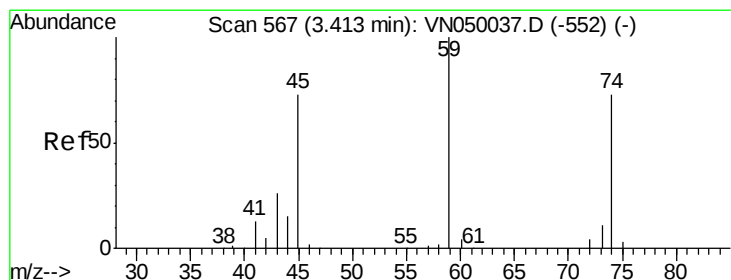
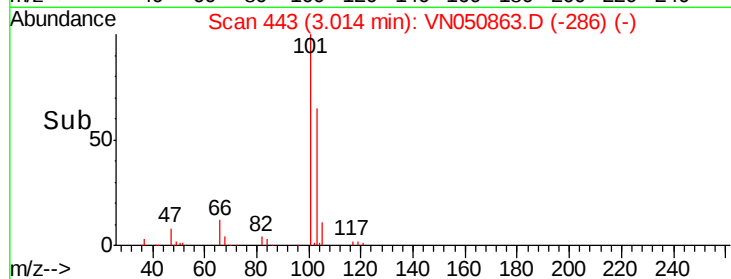
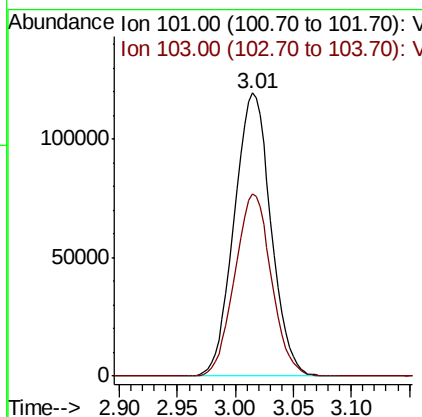
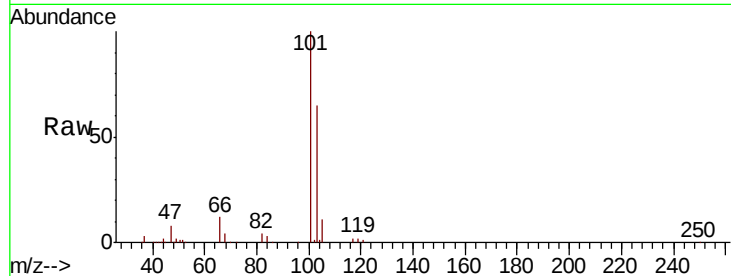
Trichlorofluoromethane
 Concen: 23.682 ug/l
 RT: 3.01 min Scan# 443
 Delta R.T. 0.00 min
 Lab File: VN050863.D
 Acq: 24 Aug 2018 9:13

Instrument :
 MSVOA_N
 ClientSampled :
 VN0824WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	262969		
103	64.5	51.5	77.3	

Manual Integrations
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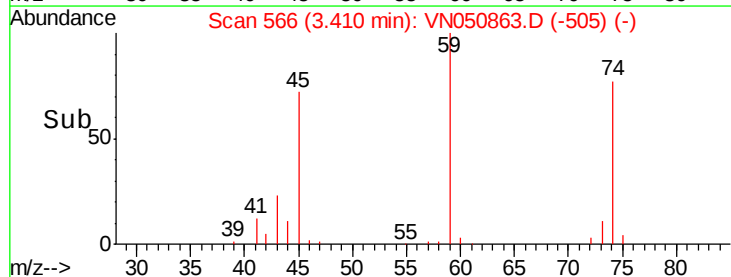
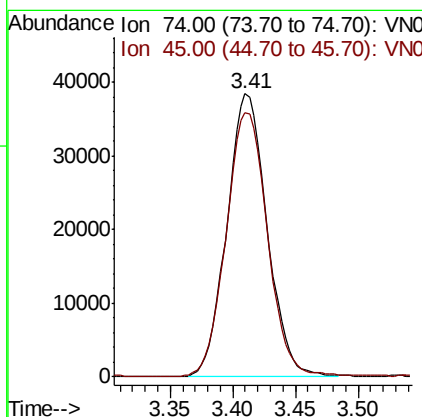
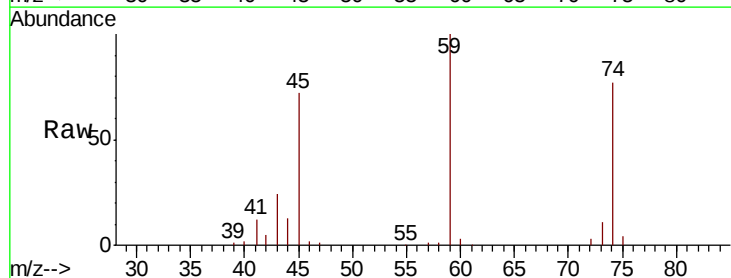
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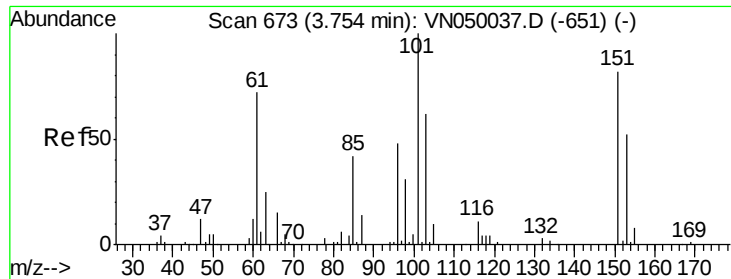


#8

Diethyl Ether
 Concen: 22.962 ug/l
 RT: 3.41 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: VN050863.D
 Acq: 24 Aug 2018 9:13

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	85528		
45	96.6	18.7	167.9	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.805 ug/l

RT: 3.76 min Scan# 675

Delta R.T. 0.01 min

Lab File: VN050863.D

Acq: 24 Aug 2018 9:13

Instrument :

MSVOA_N

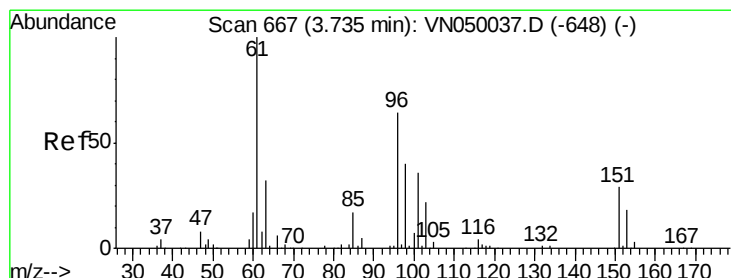
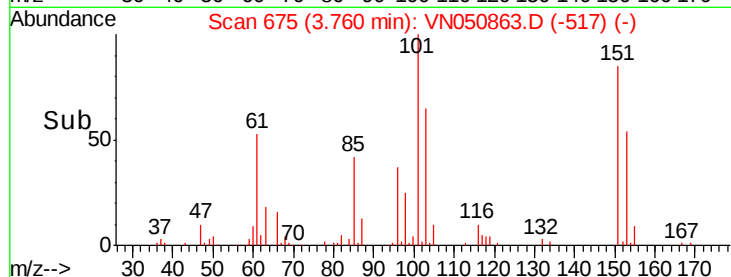
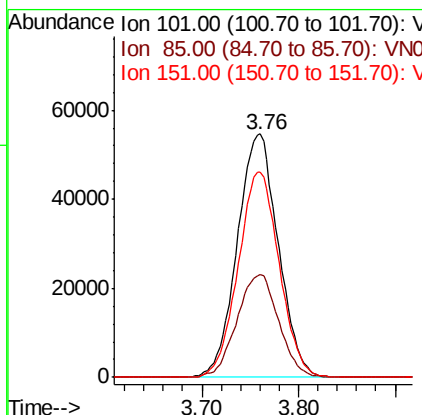
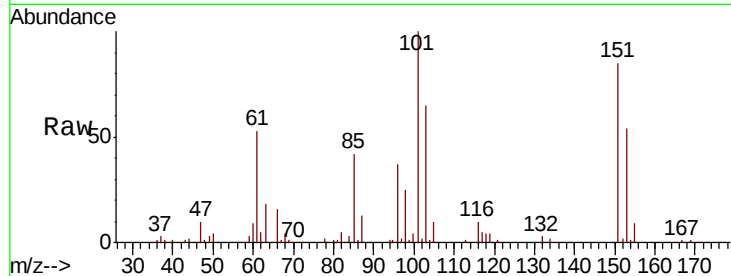
ClientSampleId :

VN0824WBS01

Tgt Ion:	101	Resp:	160805
Ion Ratio	Lower	Upper	
101	100		
85	43.0	0.0	83.0
151	84.5	0.0	166.8

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#10

1,1-Dichloroethene

Concen: 23.754 ug/l

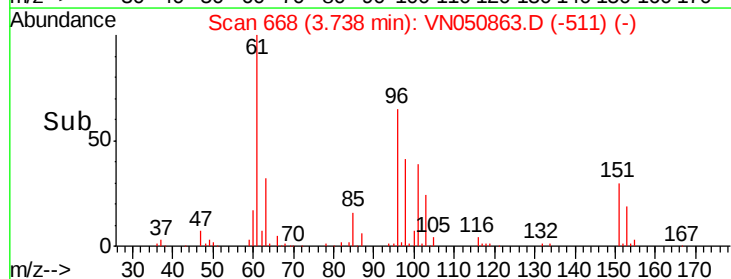
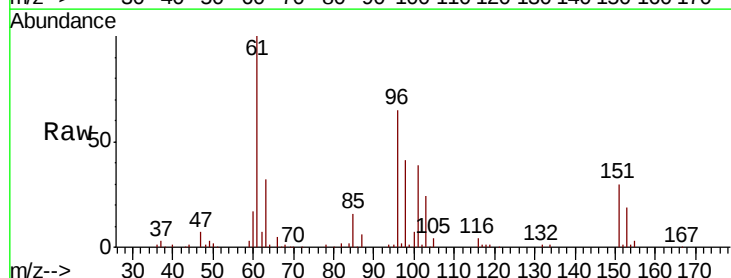
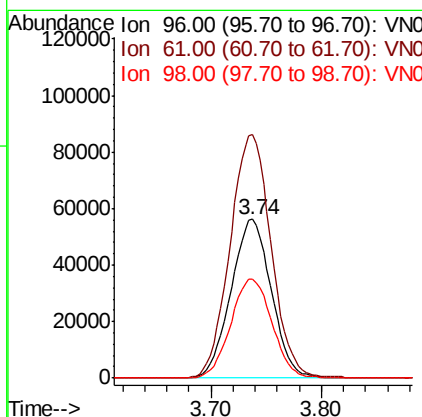
RT: 3.74 min Scan# 668

Delta R.T. 0.00 min

Lab File: VN050863.D

Acq: 24 Aug 2018 9:13

Tgt Ion:	96	Resp:	142276
Ion Ratio	Lower	Upper	
96	100		
61	152.8	130.6	195.8
98	62.3	53.5	80.3





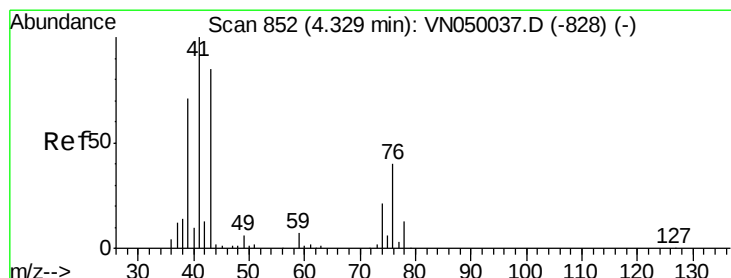
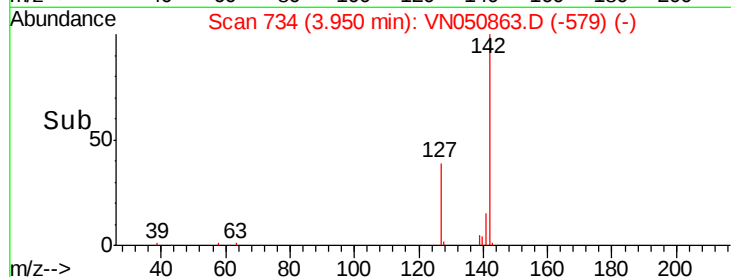
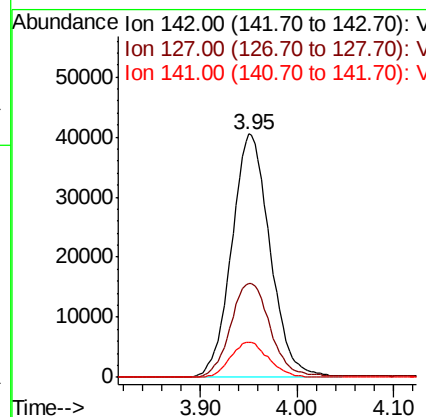
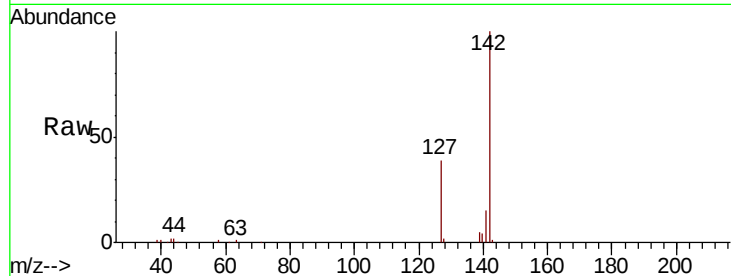
#11
Methyl Iodide
Concen: 12.674 ug/l
RT: 3.95 min Scan# 734
Delta R.T. -0.00 min
Lab File: VN050863.D
Acq: 24 Aug 2018 9:13

Instrument :
MSVOA_N
ClientSampleId :
VN0824WBS01

Tgt Ion	Ratio	Lower	Upper
142	100		
127	38.6	20.2	60.5
141	14.6	6.9	20.6

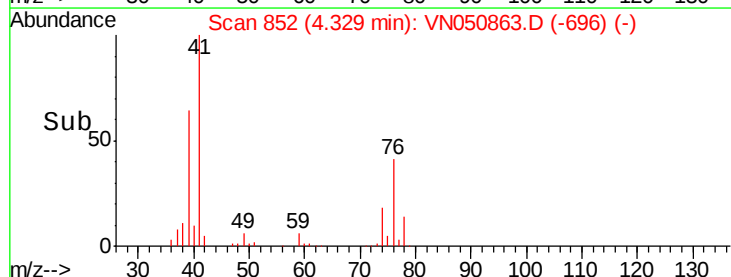
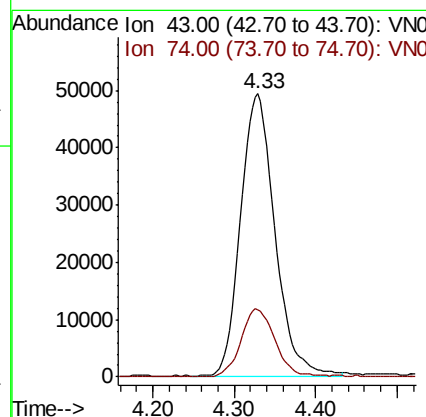
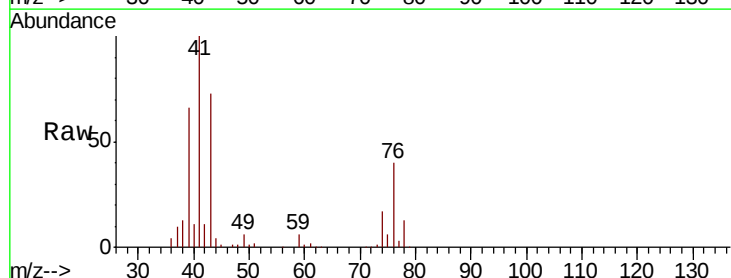
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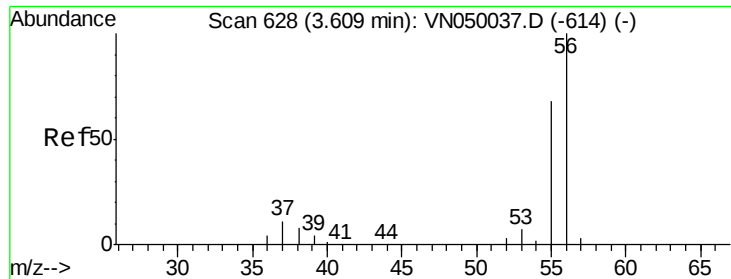
MMDadoda
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#12
Methyl Acetate
Concen: 20.891 ug/l
RT: 4.33 min Scan# 852
Delta R.T. -0.00 min
Lab File: VN050863.D
Acq: 24 Aug 2018 9:13

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.9	19.3	28.9





#13

Acrolein

Concen: 44.363 ug/l

RT: 3.61 min Scan# 627

Delta R.T. -0.00 min

Lab File: VN050863.D

Acq: 24 Aug 2018 9:13

Instrument :

MSVOA_N

ClientSampleId :

VN0824WBS01

Tgt Ion: 56 Resp: 18811

Ion Ratio Lower Upper

56 100

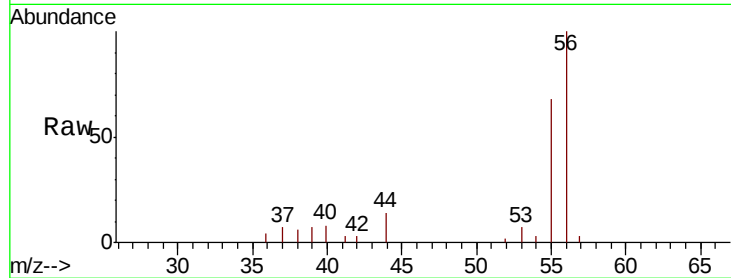
55 69.4 58.6 88.0

Manual Integrations

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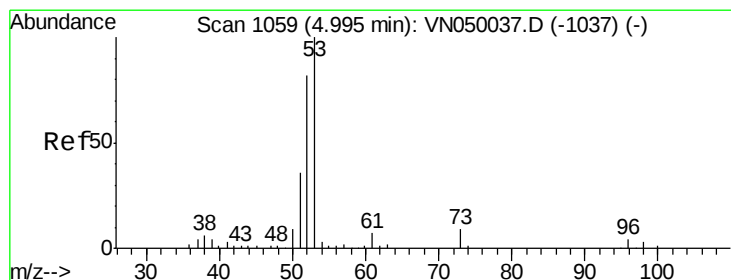
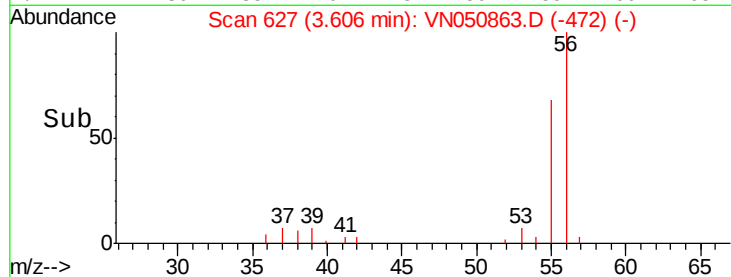
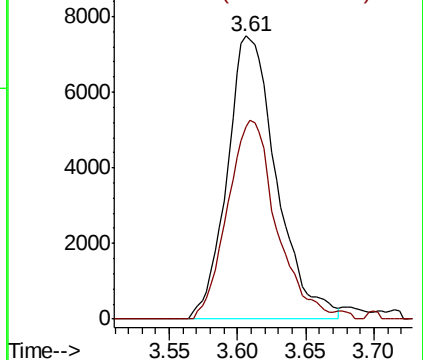
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Acrylonitrile

Concen: 105.758 ug/l

RT: 4.99 min Scan# 1057

Delta R.T. -0.01 min

Lab File: VN050863.D

Acq: 24 Aug 2018 9:13

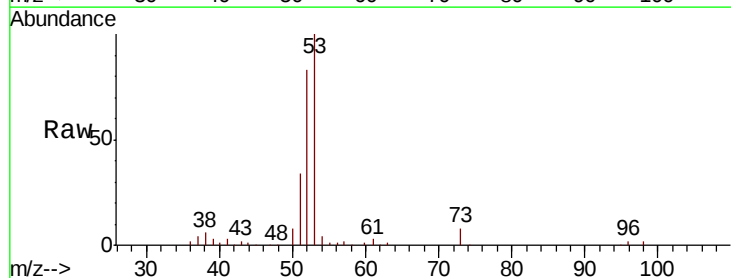
Tgt Ion: 53 Resp: 242127

Ion Ratio Lower Upper

53 100

52 82.4 41.5 124.5

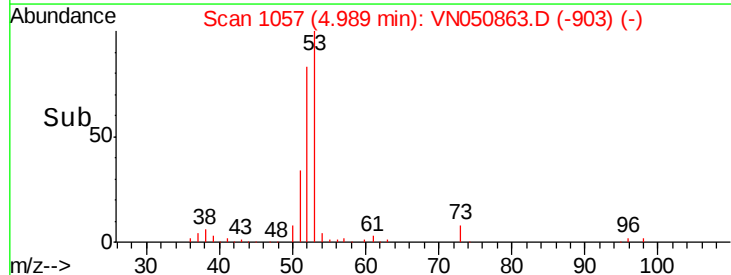
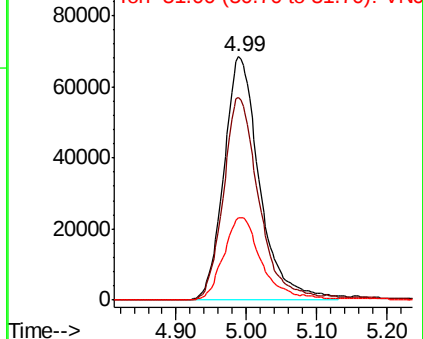
51 35.1 18.7 56.1

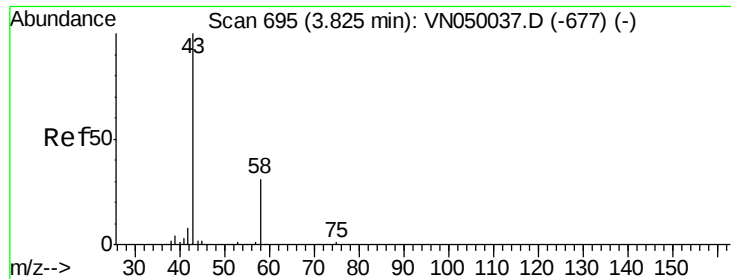


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#15

Acetone

Concen: 96.561 ug/l

RT: 3.82 min Scan# 693

Delta R.T. -0.01 min

Lab File: VN050863.D

Acq: 24 Aug 2018 9:13

Instrument :

MSVOA_N

ClientSampleId :

VN0824WBS01

Tgt Ion: 58 Resp: 58752

Ion Ratio Lower Upper

58 100

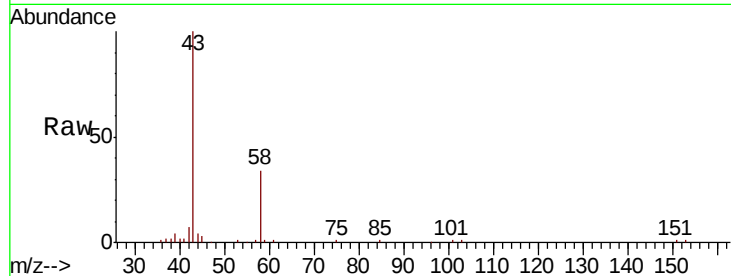
43 295.7 252.0 378.0

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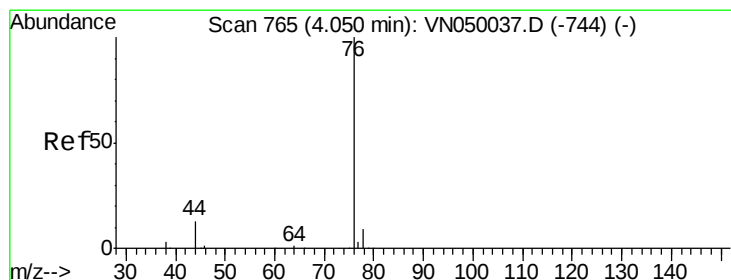
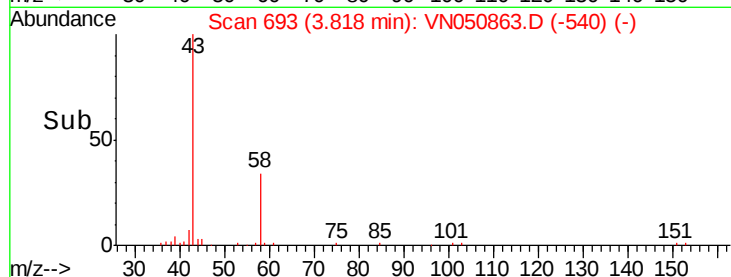
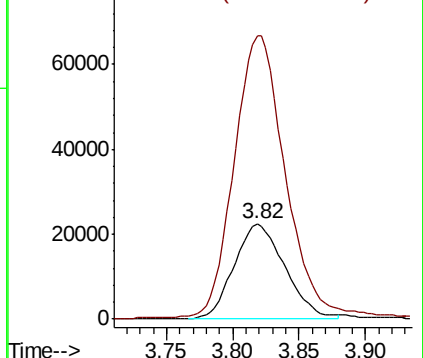
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Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



#16

Carbon Disulfide

Concen: 24.076 ug/l

RT: 4.05 min Scan# 765

Delta R.T. -0.00 min

Lab File: VN050863.D

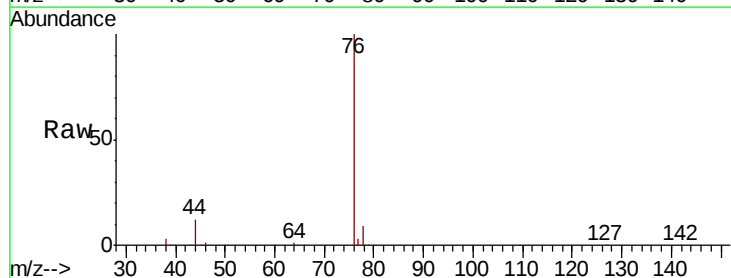
Acq: 24 Aug 2018 9:13

Tgt Ion: 76 Resp: 441300

Ion Ratio Lower Upper

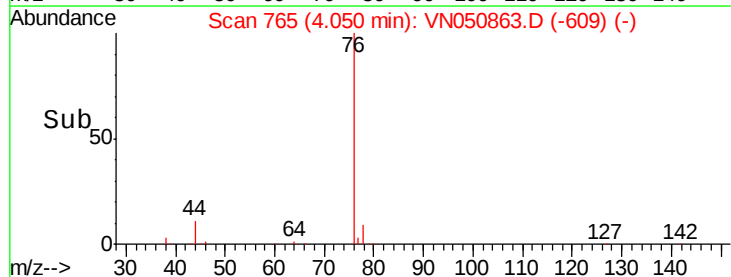
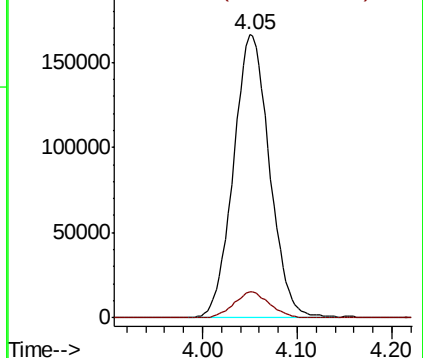
76 100

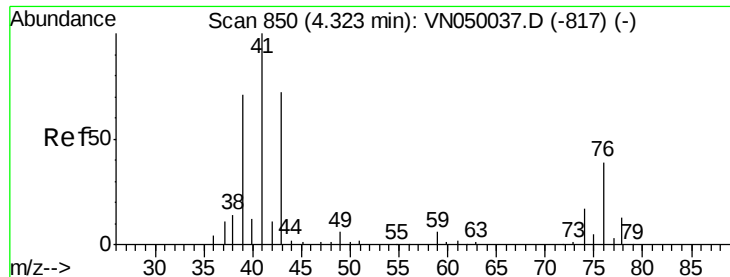
78 9.2 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0





#17

Allyl chloride

Concen: 23.083 ug/l

RT: 4.32 min Scan# 850

Delta R.T. -0.00 min

Lab File: VN050863.D

Acq: 24 Aug 2018 9:13

Instrument :

MSVOA_N

ClientSampleId :

VN0824WBS01

Tgt Ion: 41 Resp: 218340
Ion Ratio Lower Upper

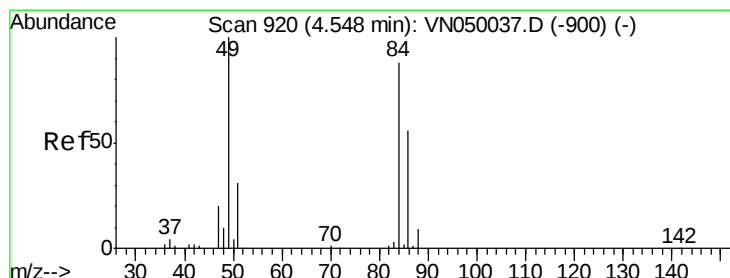
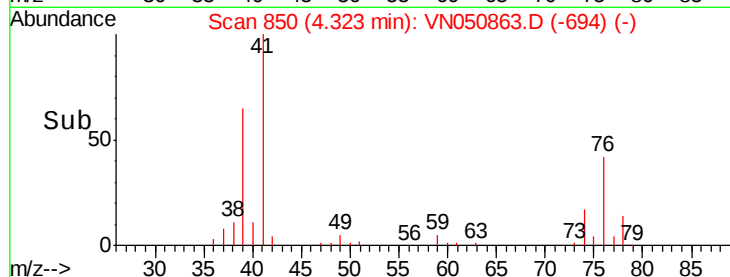
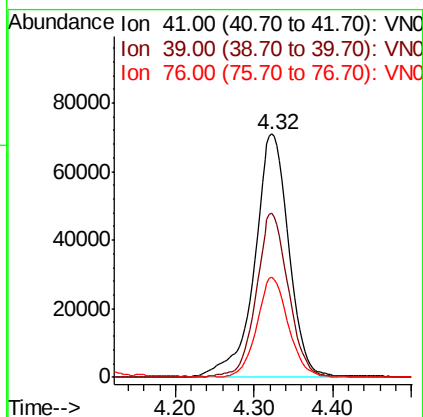
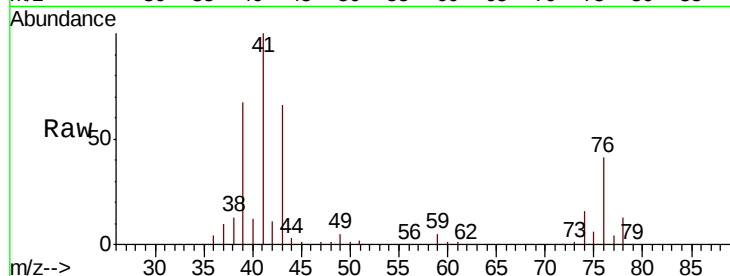
41 100

39 67.3 35.4 106.3

76 40.8 19.7 59.1

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#18

Methylene Chloride

Concen: 24.083 ug/l

RT: 4.55 min Scan# 921

Delta R.T. 0.00 min

Lab File: VN050863.D

Acq: 24 Aug 2018 9:13

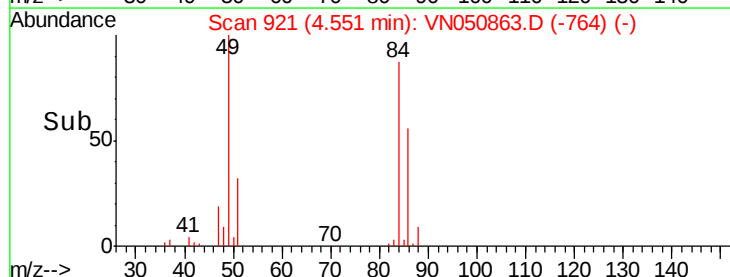
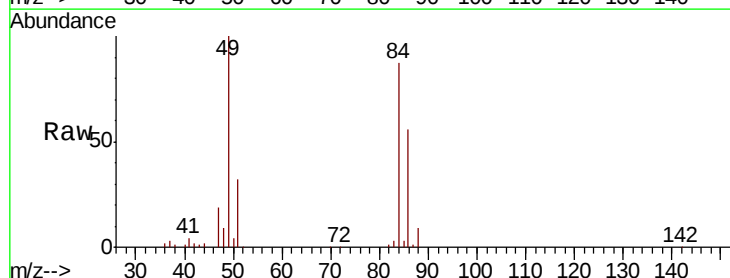
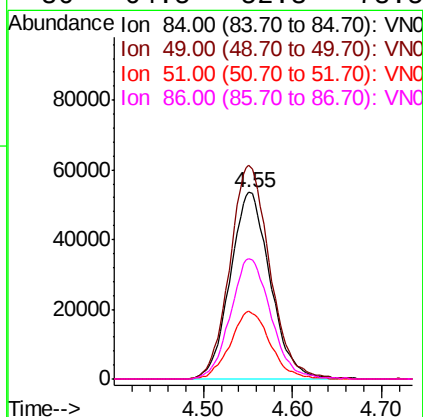
Tgt Ion: 84 Resp: 166453
Ion Ratio Lower Upper

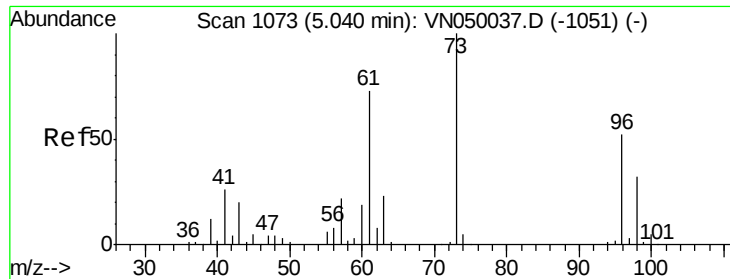
84 100

49 114.5 95.1 142.7

51 36.2 28.8 43.2

86 64.5 52.3 78.5





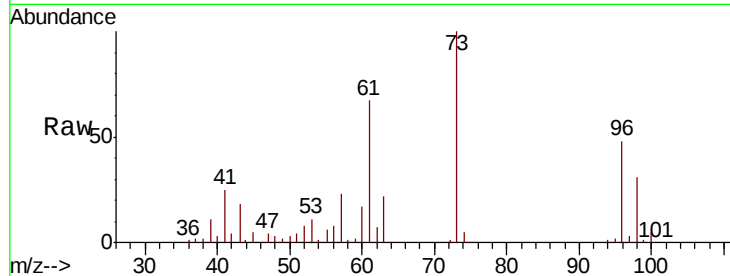
#19
trans-1,2-Dichloroethene
Concen: 23.378 ug/l
RT: 5.04 min Scan# 1074
Delta R.T. 0.00 min
Lab File: VN050863.D
Acq: 24 Aug 2018 9:13

Instrument :
MSVOA_N
ClientSampled :
VN0824WBS01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	138.8	112.1	168.1
98	64.9	51.3	76.9

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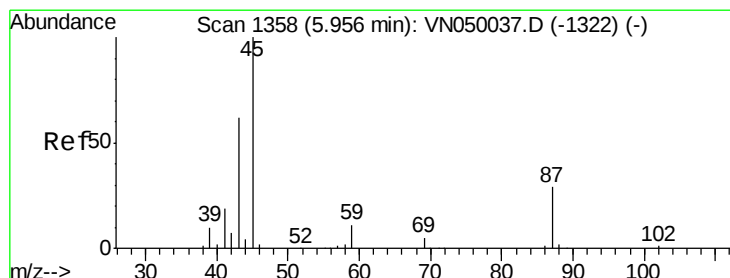
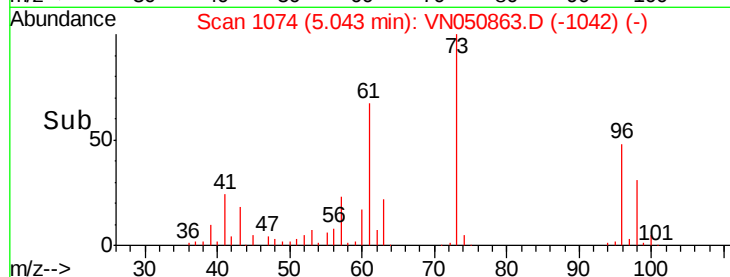
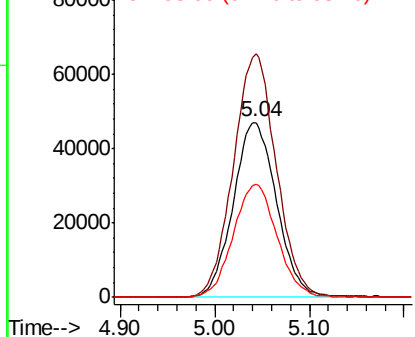


Abundance

Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#20
Diisopropyl ether
Concen: 23.986 ug/l
RT: 5.95 min Scan# 1357
Delta R.T. -0.00 min
Lab File: VN050863.D
Acq: 24 Aug 2018 9:13

Tgt Ion	Ratio	Lower	Upper
45	100		
43	58.8	46.6	70.0
87	27.9	22.3	33.5
59	12.1	9.5	14.3

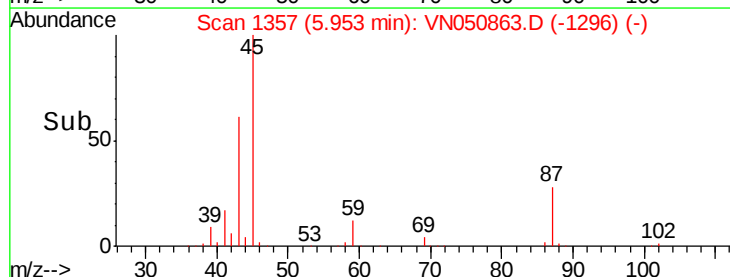
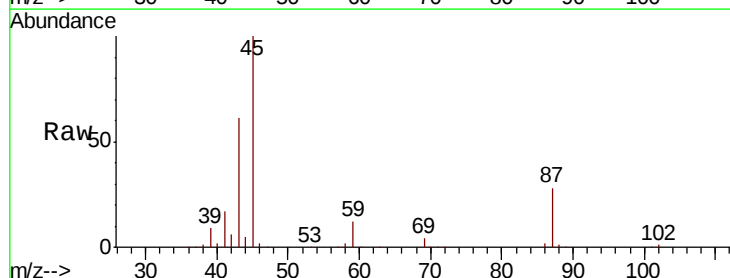
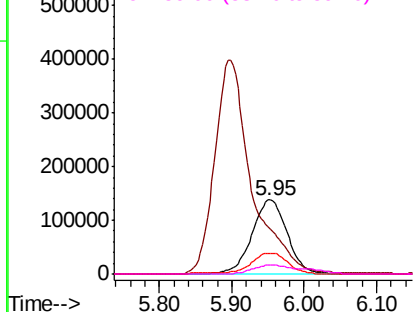
Abundance

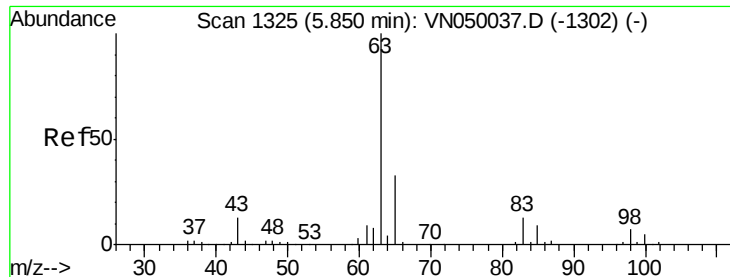
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





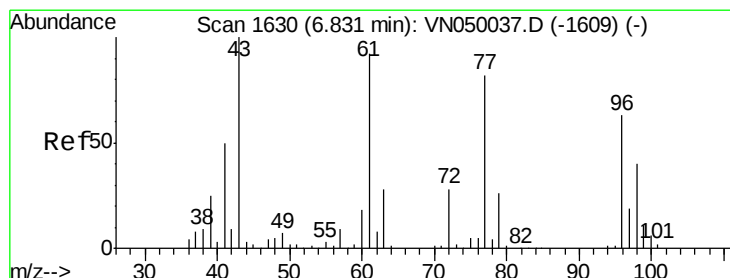
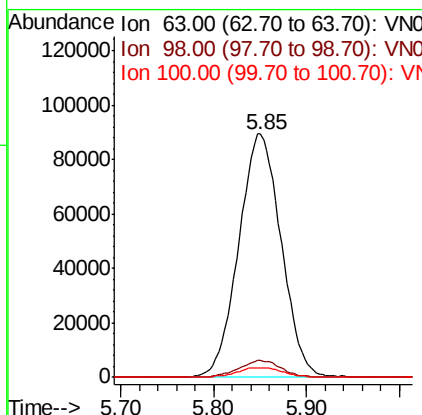
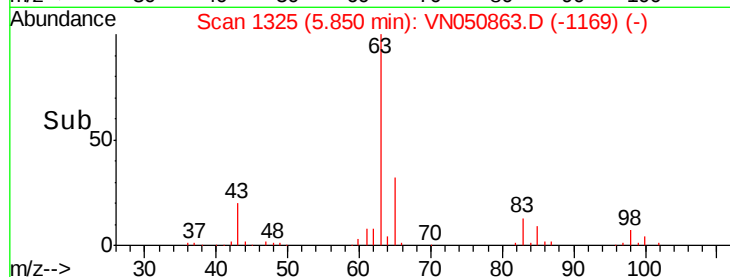
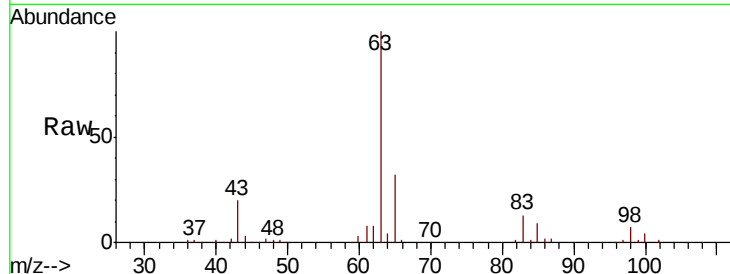
#21
 1,1-Dichloroethane
 Concen: 23.256 ug/l
 RT: 5.85 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: VN050863.D
 Acq: 24 Aug 2018 9:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	283620		
98	6.8	3.5	10.6	
100	3.8	2.3	6.8	

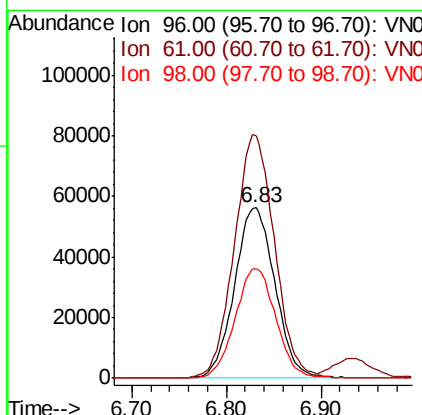
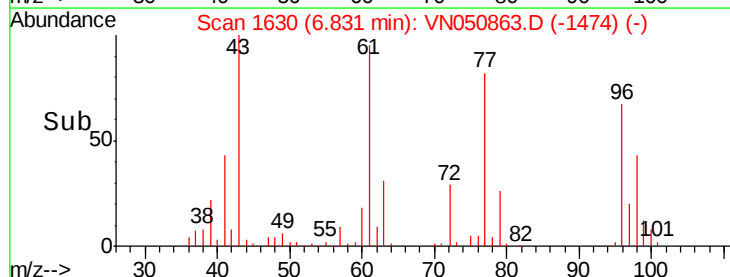
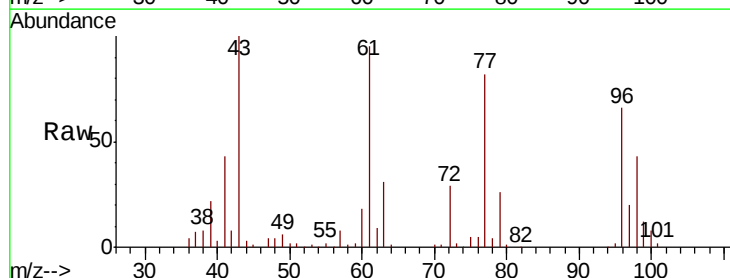
Manual Integrations
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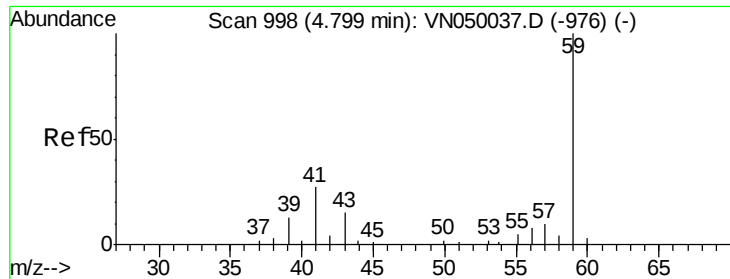
MMDadoda
 8/25/2018 1:18:22 PM



#22
 cis-1,2-Dichloroethene
 Concen: 23.521 ug/l
 RT: 6.83 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: VN050863.D
 Acq: 24 Aug 2018 9:13

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	167268		
61	141.4	114.2	171.2	
98	64.2	51.7	77.5	





#23

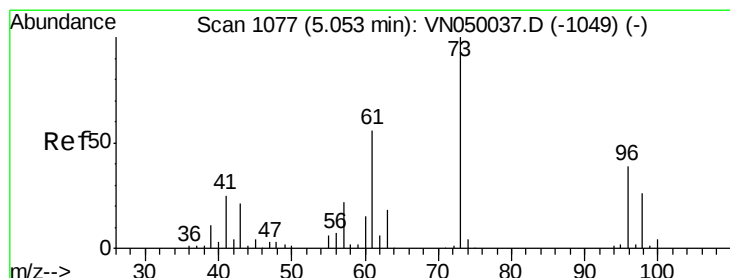
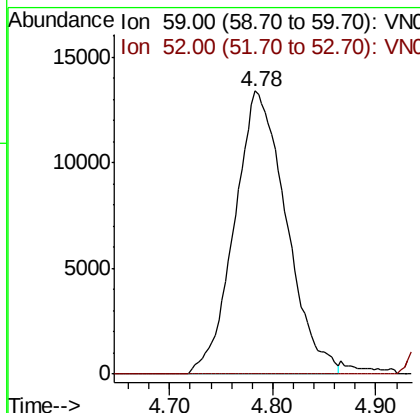
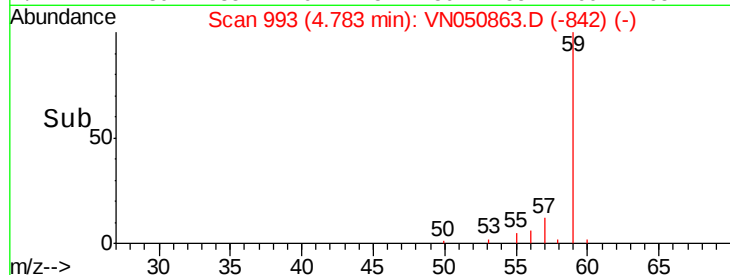
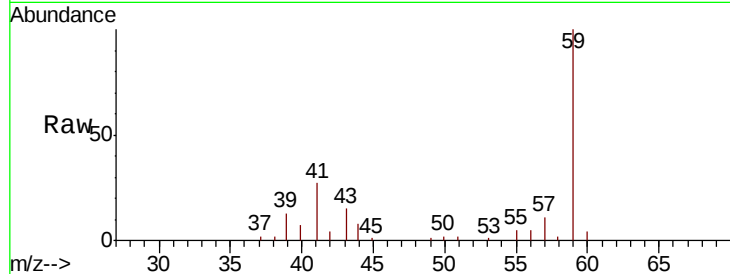
tert-Butyl Alcohol
 Concen: 91.146 ug/l
 RT: 4.78 min Scan# 993
 Delta R.T. -0.02 min
 Lab File: VN050863.D
 Acq: 24 Aug 2018 9:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824WBS01

Tgt Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.1	0.1#

Manual Integrations
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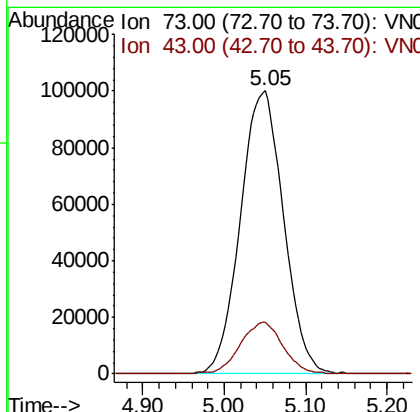
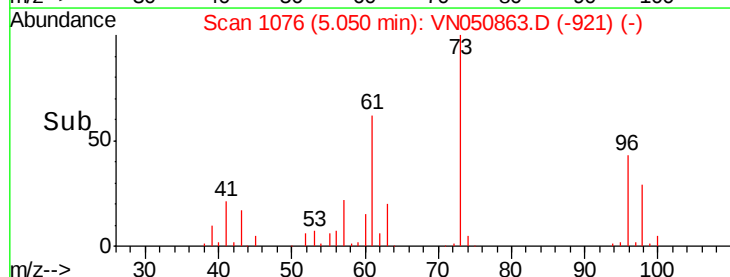
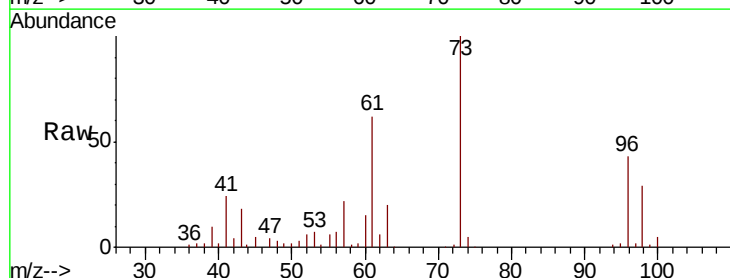
MMDadoda
 8/25/2018 1:18:22 PM

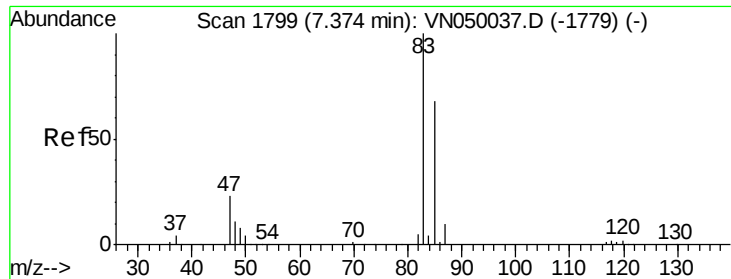


#24

Methyl tert-Butyl Ether
 Concen: 22.491 ug/l
 RT: 5.05 min Scan# 1076
 Delta R.T. -0.00 min
 Lab File: VN050863.D
 Acq: 24 Aug 2018 9:13

Tgt Ion	Ratio	Lower	Upper
73	100		
43	18.3	15.5	23.3





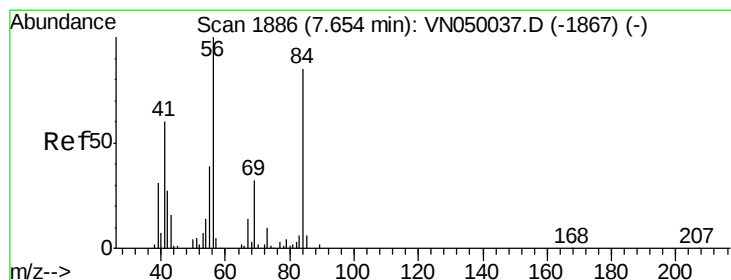
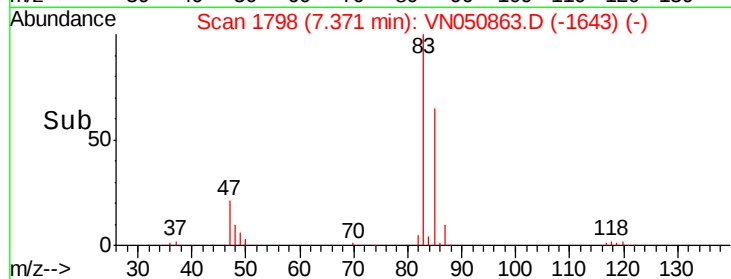
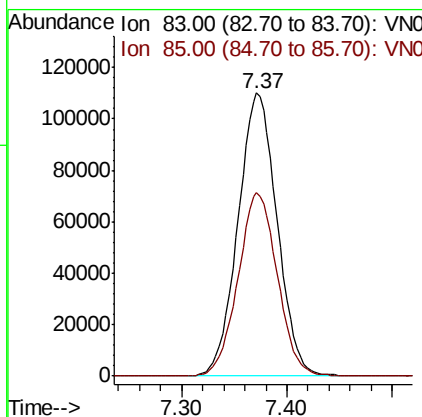
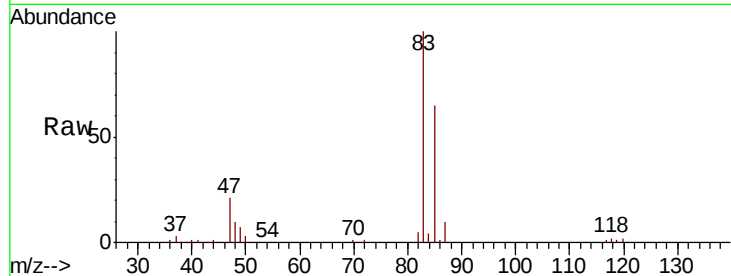
#25
Chloroform
Concen: 22.966 ug/l
RT: 7.37 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VN050863.D
Acq: 24 Aug 2018 9:13

Instrument :
MSVOA_N
ClientSampled :
VN0824WBS01

Tgt Ion: 83 Resp: 283526
Ion Ratio Lower Upper
83 100
85 64.8 52.1 78.1

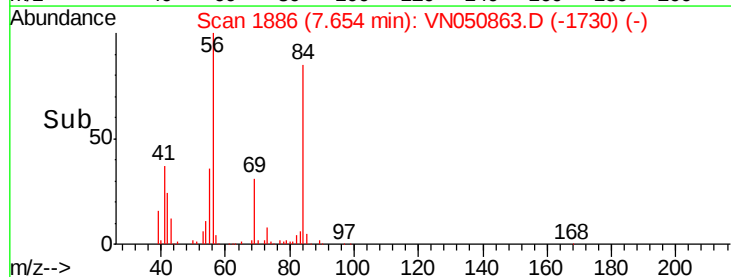
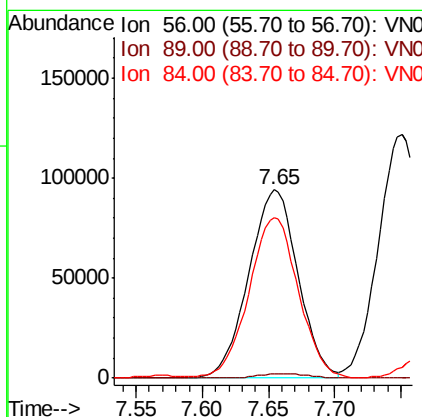
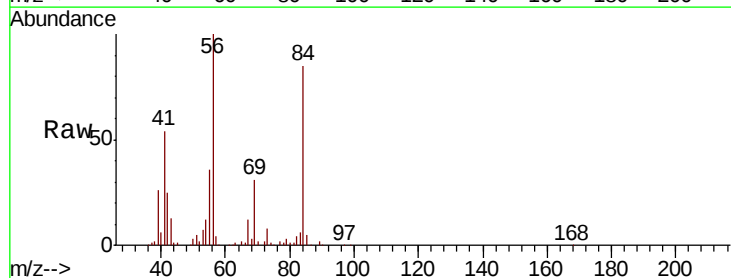
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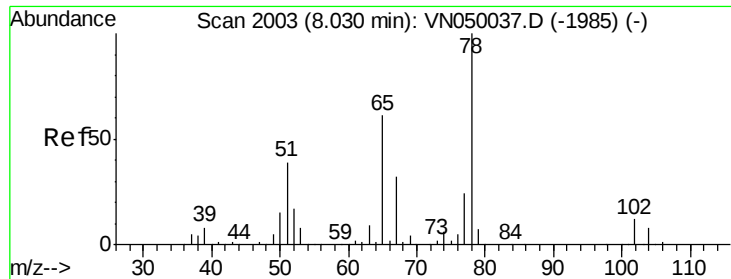
MMDadoda
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#26
Cyclohexane
Concen: 25.081 ug/l
RT: 7.65 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VN050863.D
Acq: 24 Aug 2018 9:13

Tgt Ion: 56 Resp: 243063
Ion Ratio Lower Upper
56 100
89 2.5 3.0 4.4#
84 85.9 69.8 104.8





#27

1,2-Dichloroethane-d4

Concen: 28.571 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. -0.00 min

Lab File: VN050863.D

Acq: 24 Aug 2018 9:13

Instrument :

MSVOA_N

ClientSampleId :

VN0824WBS01

Tgt Ion: 65 Resp: 218162

Ion Ratio Lower Upper

65 100

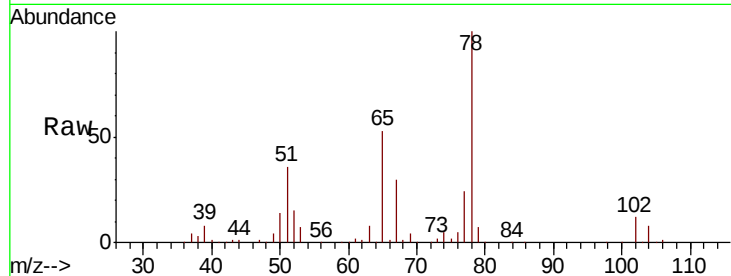
67 56.5 42.7 64.1

Manual Integrations

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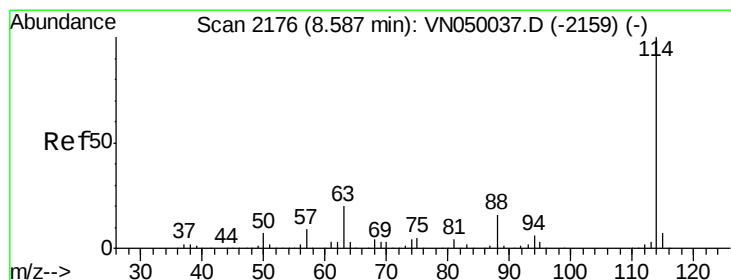
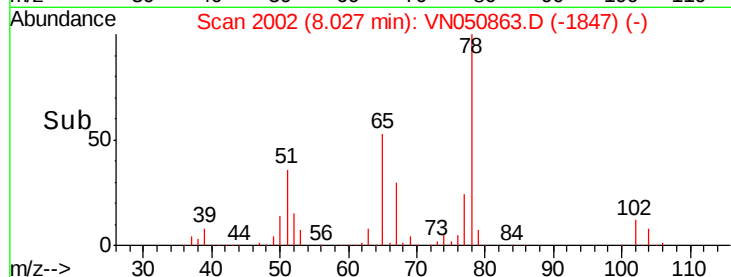
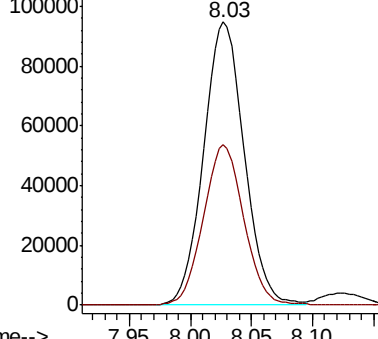
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Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VN050863.D

Acq: 24 Aug 2018 9:13

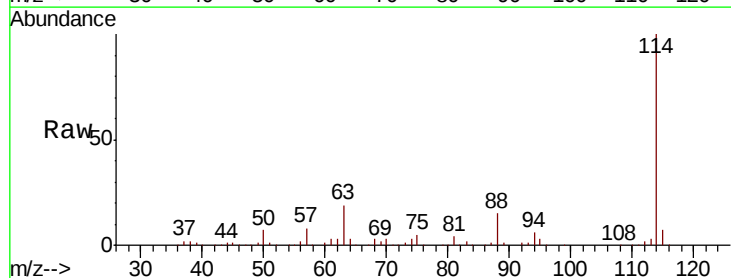
Tgt Ion: 114 Resp: 616841

Ion Ratio Lower Upper

114 100

63 19.4 16.2 24.2

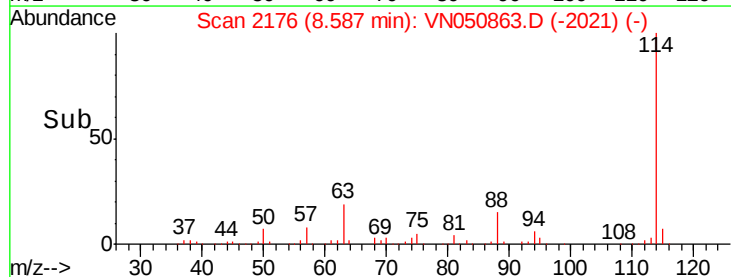
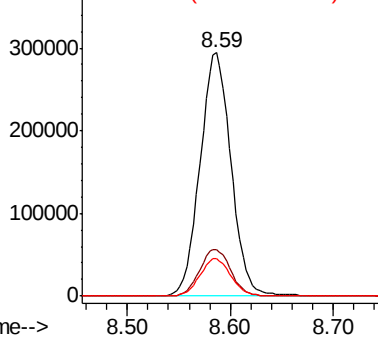
88 15.4 12.3 18.5

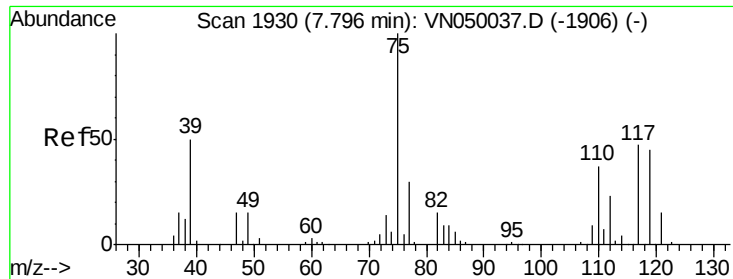


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 88.00 (87.70 to 88.70): VN0





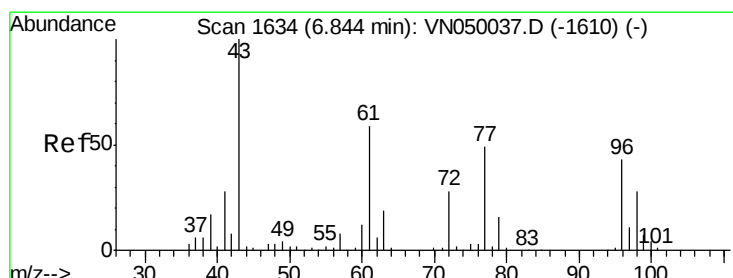
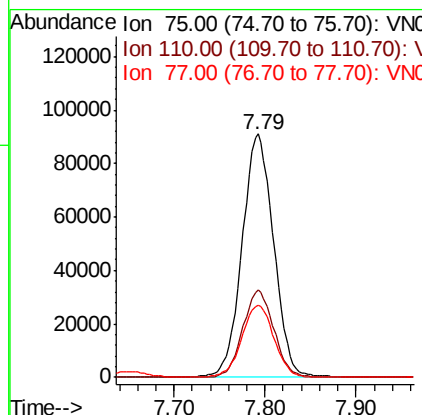
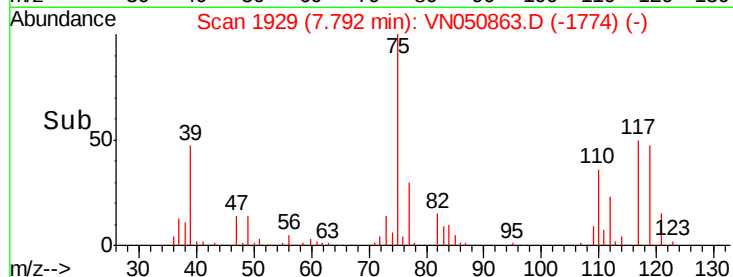
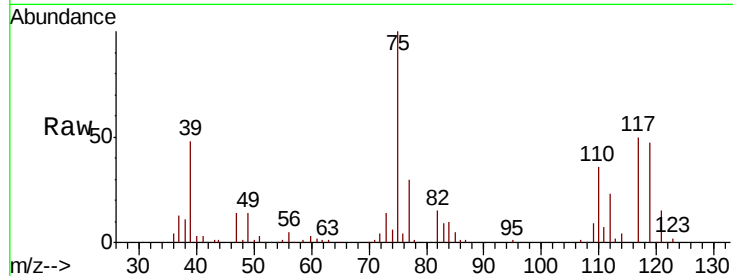
#29
 1,1-Dichloropropene
 Concen: 22.907 ug/l
 RT: 7.79 min Scan# 1929
 Delta R.T. -0.00 min
 Lab File: VN050863.D
 Acq: 24 Aug 2018 9:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824WBS01

Tgt Ion	Ratio	Resp Lower	Upper
75	100		
110	35.2	0.0	73.2
77	30.3	0.0	62.0

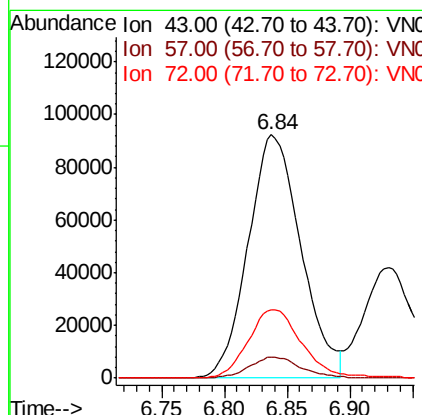
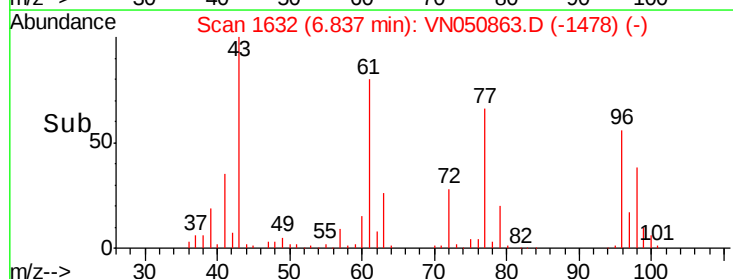
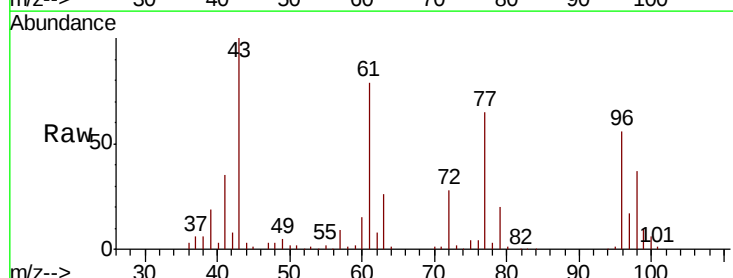
Manual Integrations
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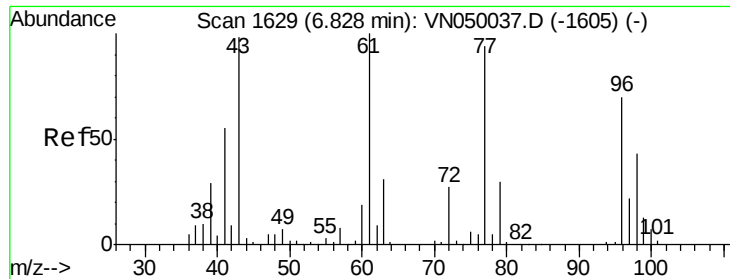
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#30
 2-Butanone
 Concen: 89.728 ug/l
 RT: 6.84 min Scan# 1632
 Delta R.T. -0.01 min
 Lab File: VN050863.D
 Acq: 24 Aug 2018 9:13

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	8.4	6.8	10.2
72	28.6	21.4	32.0





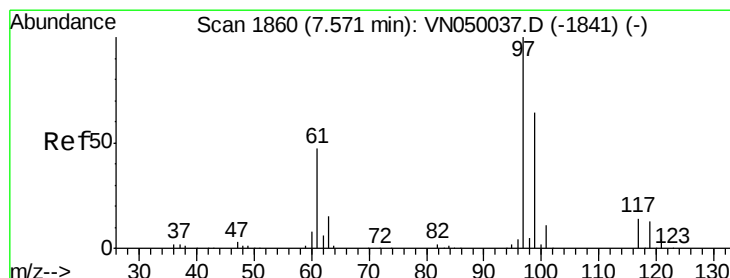
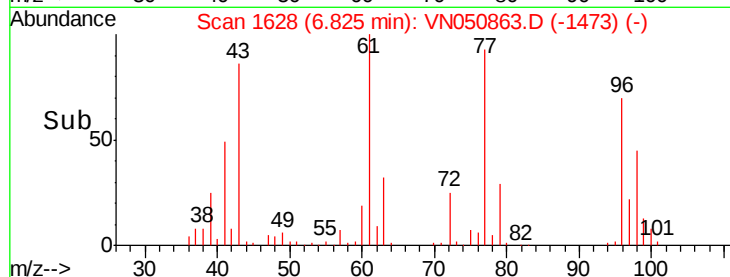
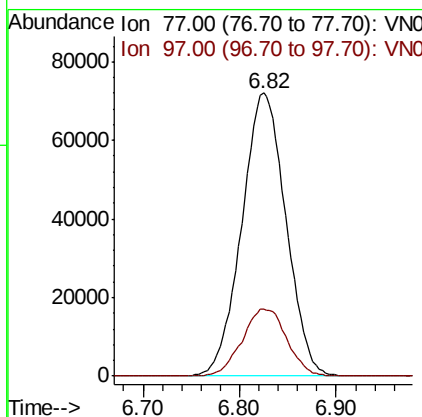
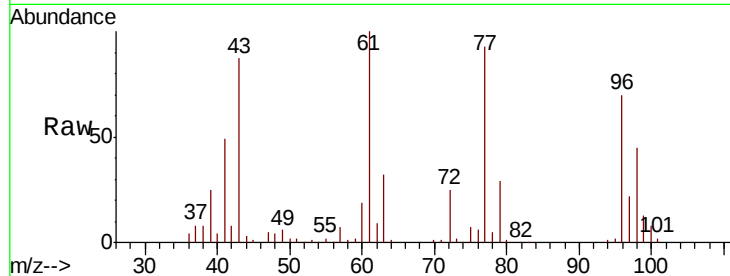
#31
 2,2-Dichloropropane
 Concen: 21.562 ug/l
 RT: 6.82 min Scan# 1628
 Delta R.T. -0.00 min
 Lab File: VN050863.D
 Acq: 24 Aug 2018 9:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824WBS01

Tgt Ion: 77 Resp: 228164
 Ion Ratio Lower Upper
 77 100
 97 24.0 18.9 28.3

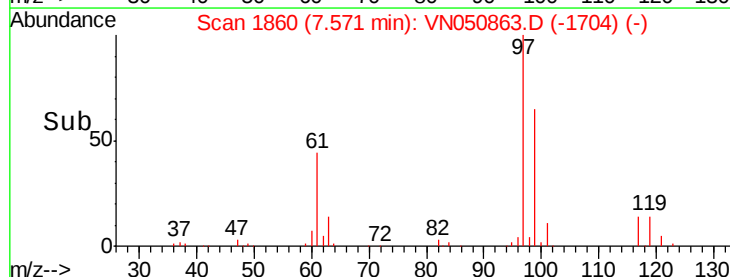
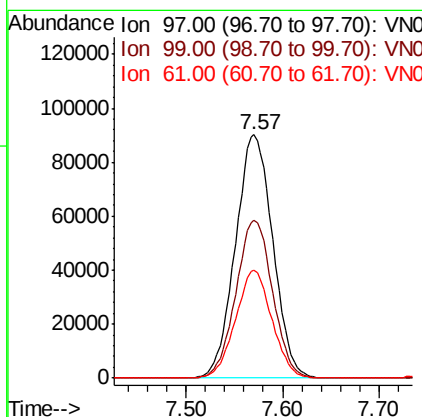
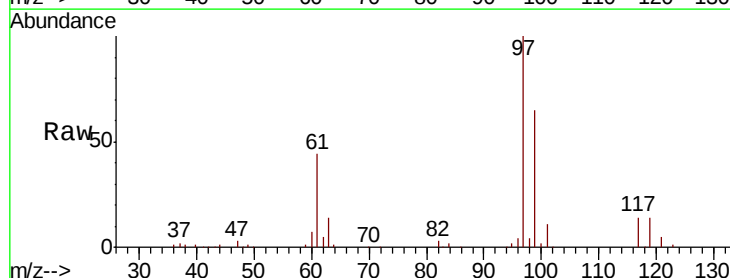
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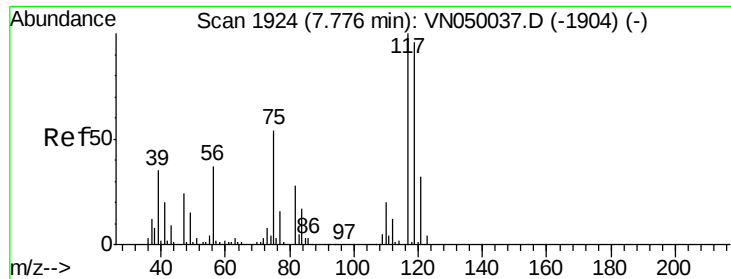
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#32
 1,1,1-Trichloroethane
 Concen: 21.561 ug/l
 RT: 7.57 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN050863.D
 Acq: 24 Aug 2018 9:13

Tgt Ion: 97 Resp: 242945
 Ion Ratio Lower Upper
 97 100
 99 63.6 51.2 76.8
 61 43.0 35.3 52.9





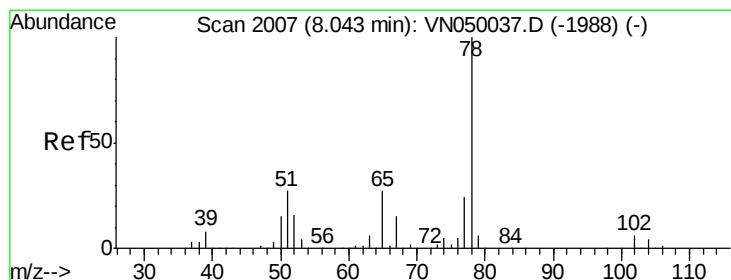
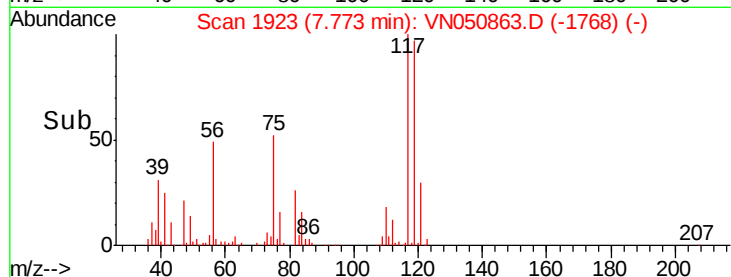
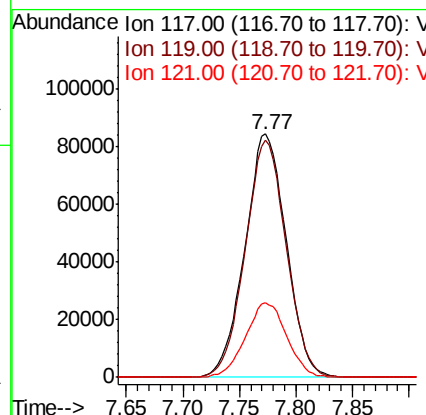
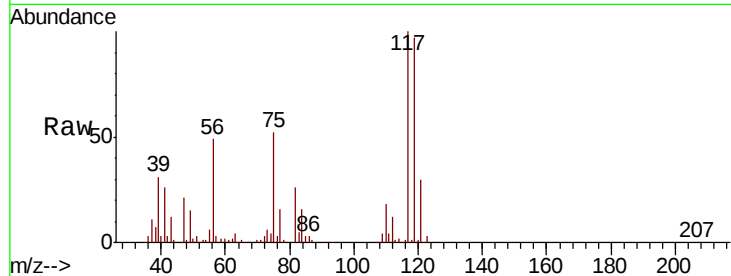
#33
Carbon Tetrachloride
Concen: 21.315 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VN050863.D
Acq: 24 Aug 2018 9:13

Instrument :
MSVOA_N
ClientSampleId :
VN0824WBS01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	76.9	115.3
121	30.5	24.4	36.6

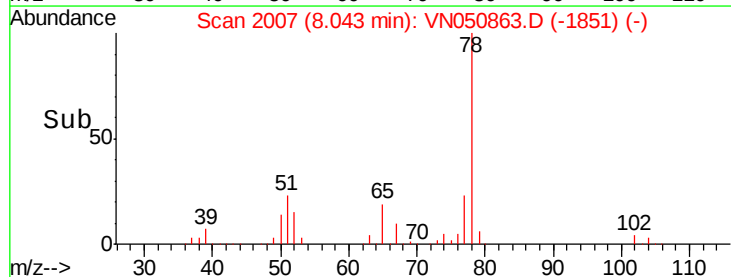
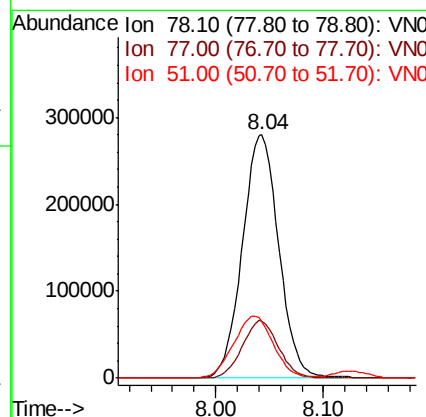
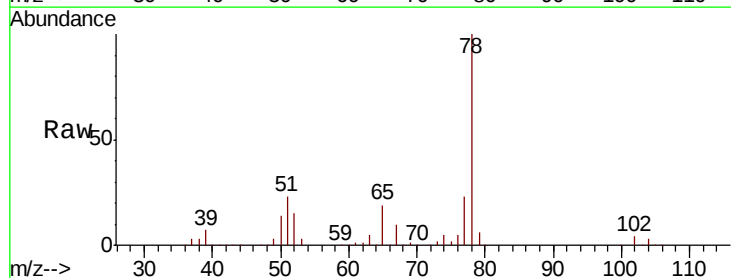
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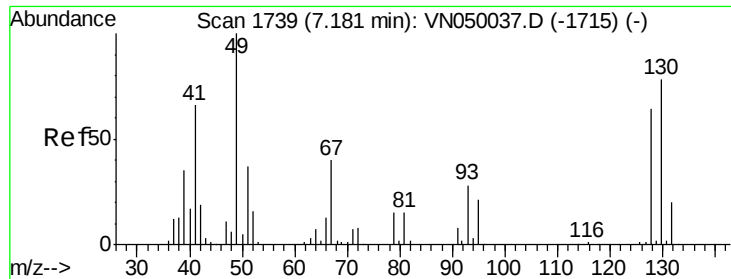
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#34
Benzene
Concen: 22.564 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN050863.D
Acq: 24 Aug 2018 9:13

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.1	28.7
51	23.1	21.0	31.4





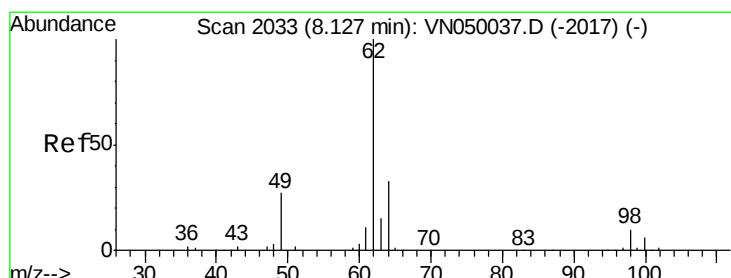
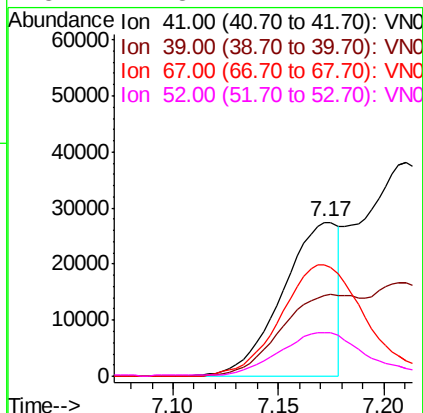
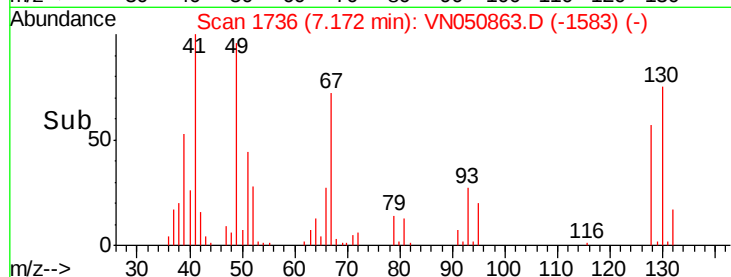
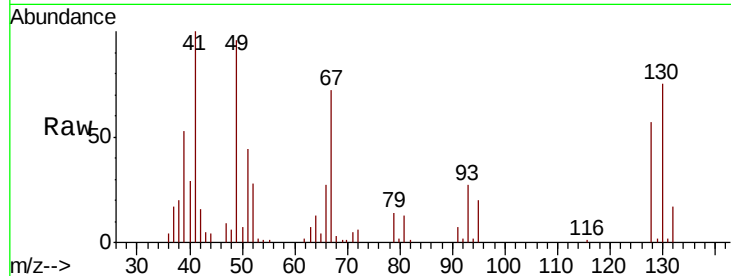
#35
Methacrylonitrile
Concen: 14.821 ug/l
RT: 7.17 min Scan# 1736
Delta R.T. -0.01 min
Lab File: VN050863.D
Acq: 24 Aug 2018 9:13

Instrument :
MSVOA_N
ClientSampleId :
VN0824WBS01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	52.7	27.6	82.7
67	72.4	35.1	105.5
52	27.8	14.1	42.4

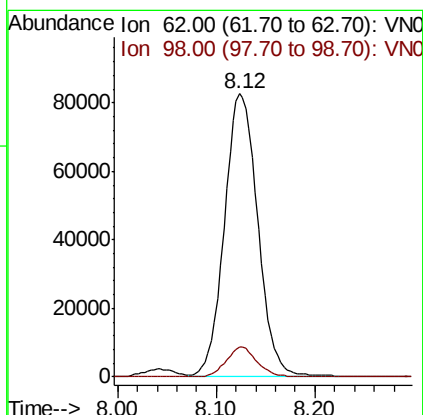
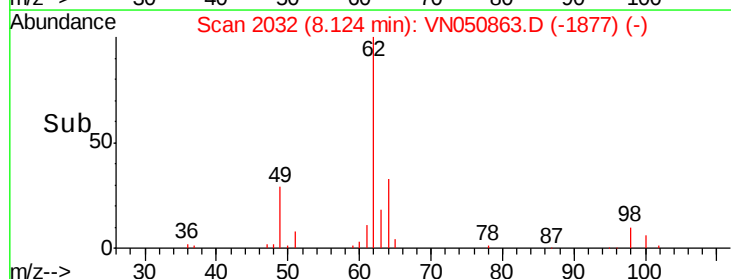
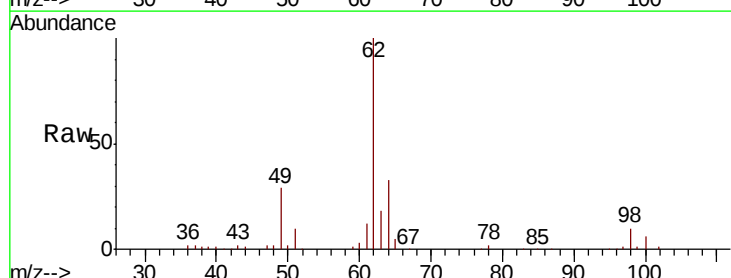
Manual Integrations
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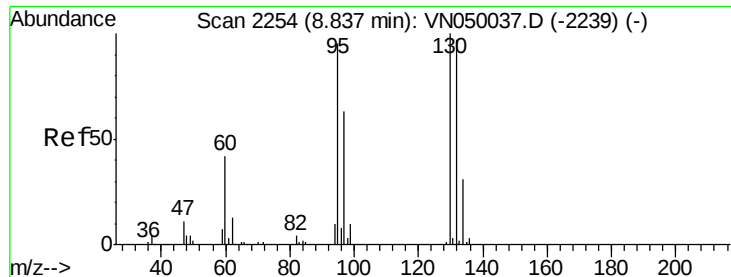
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#36
1,2-Dichloroethane
Concen: 20.367 ug/l
RT: 8.12 min Scan# 2032
Delta R.T. -0.00 min
Lab File: VN050863.D
Acq: 24 Aug 2018 9:13

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.8	7.8	11.6





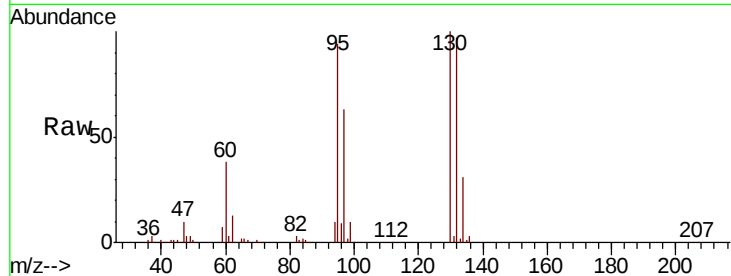
#37
 Trichloroethene
 Concen: 22.386 ug/l
 RT: 8.83 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VN050863.D
 Acq: 24 Aug 2018 9:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824WBS01

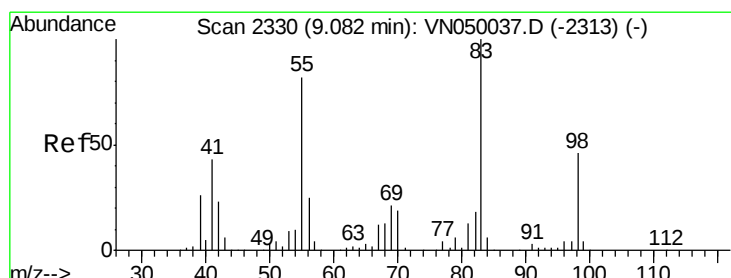
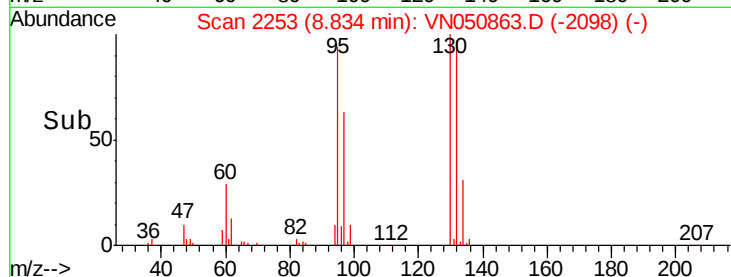
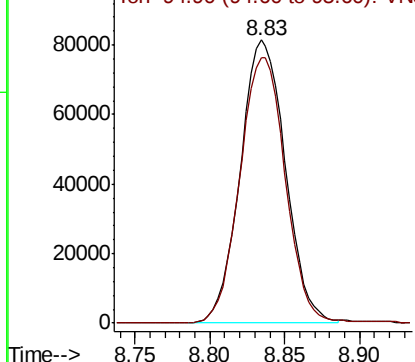
Tgt Ion: 130 Resp: 170691
 Ion Ratio Lower Upper
 130 100
 95 93.6 79.7 119.5

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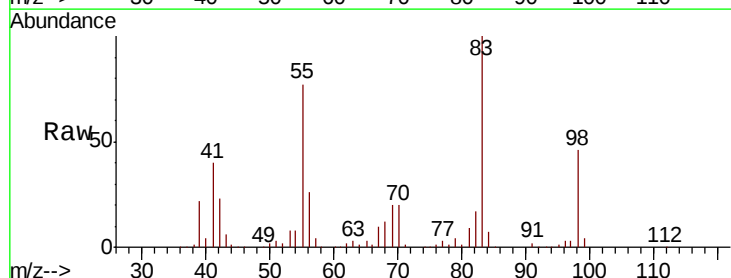


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VN

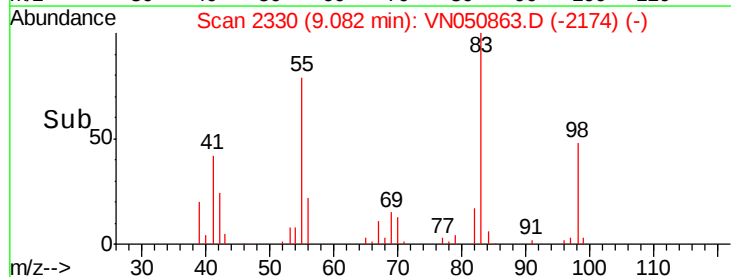
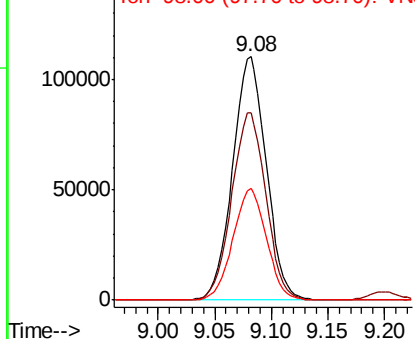


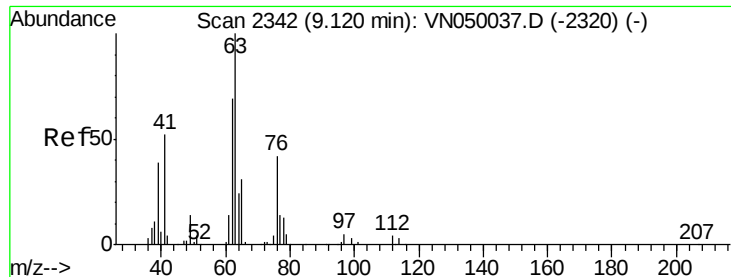
#38
 Methylcyclohexane
 Concen: 22.616 ug/l
 RT: 9.08 min Scan# 2330
 Delta R.T. -0.00 min
 Lab File: VN050863.D
 Acq: 24 Aug 2018 9:13

Tgt Ion: 83 Resp: 228244
 Ion Ratio Lower Upper
 83 100
 55 78.2 39.3 117.8
 98 45.8 23.0 69.0



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





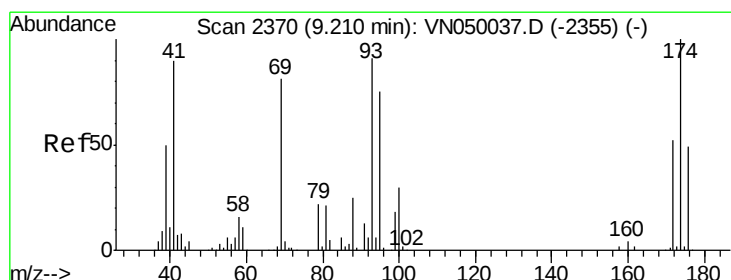
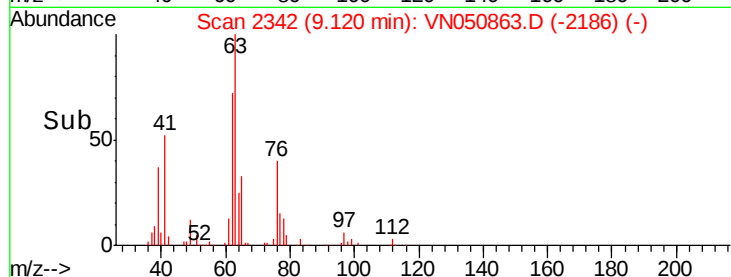
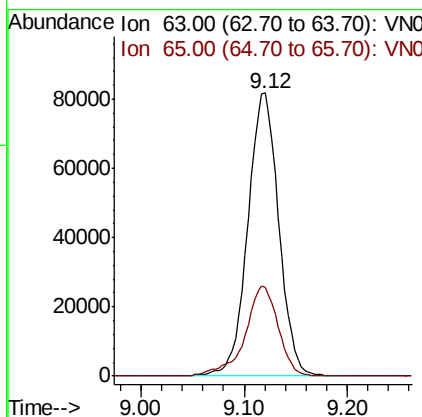
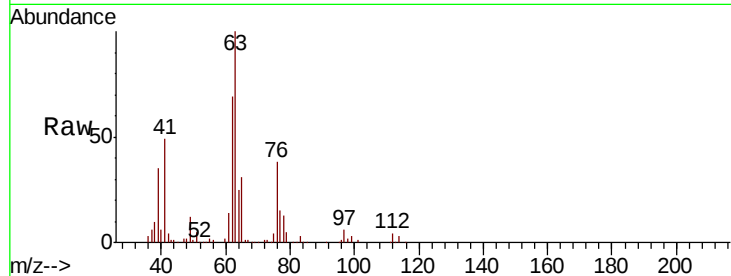
#39
 1,2-Dichloropropane
 Concen: 22.251 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: VN050863.D
 Acq: 24 Aug 2018 9:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824WBS01

Tgt Ion: 63 Resp: 170413
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.2 36.2

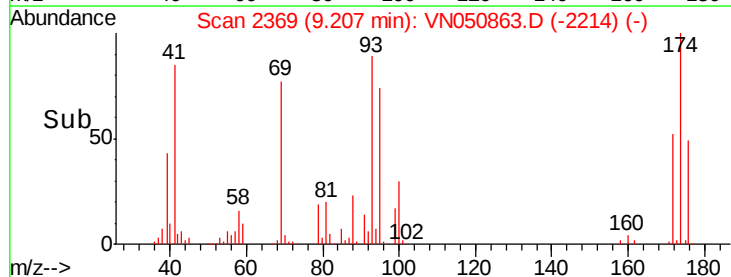
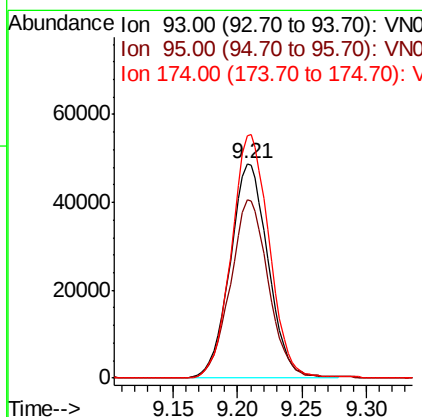
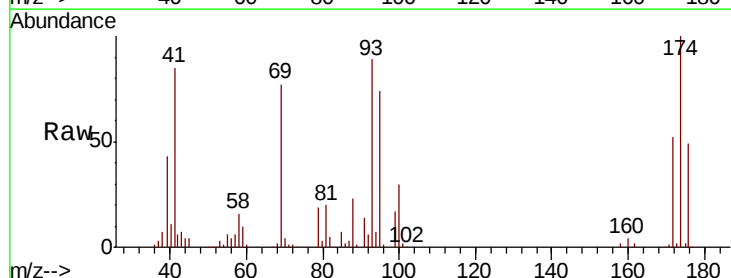
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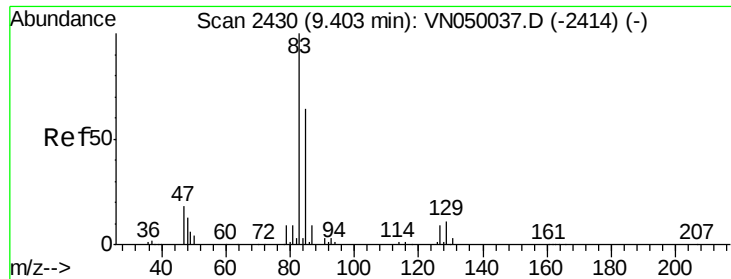
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#40
 Dibromomethane
 Concen: 21.177 ug/l
 RT: 9.21 min Scan# 2369
 Delta R.T. -0.00 min
 Lab File: VN050863.D
 Acq: 24 Aug 2018 9:13

Tgt Ion: 93 Resp: 100237
 Ion Ratio Lower Upper
 93 100
 95 82.7 0.0 165.6
 174 112.1 0.0 223.2





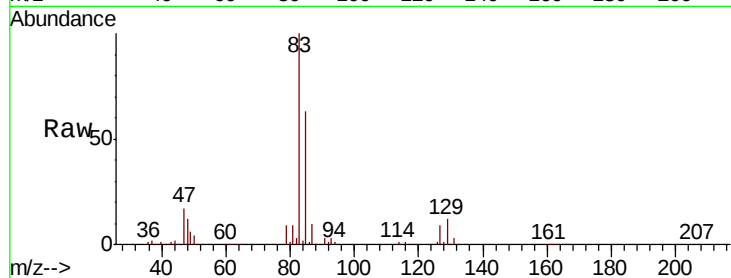
#41
 Bromodichloromethane
 Concen: 21.041 ug/l
 RT: 9.40 min Scan# 2430
 Delta R.T. -0.00 min
 Lab File: VN050863.D
 Acq: 24 Aug 2018 9:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824WBS01

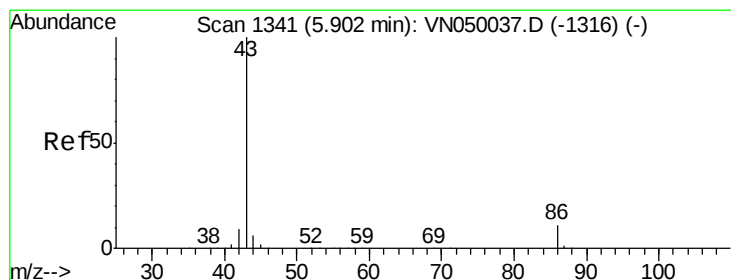
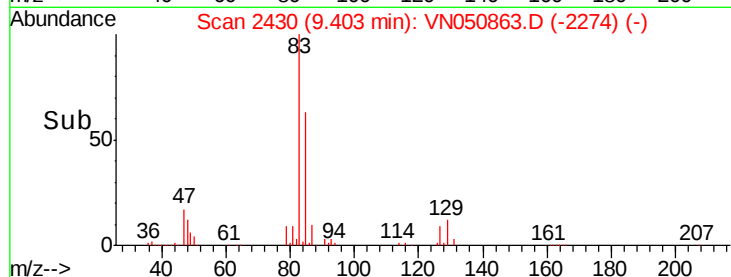
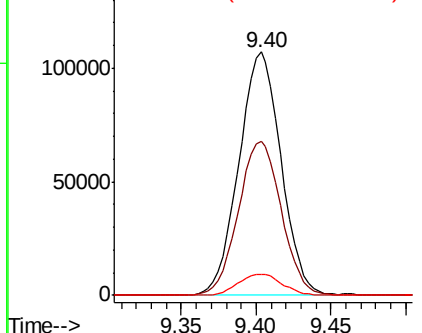
Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	52.6	78.8
127	8.7	7.0	10.4

Manual Integrations
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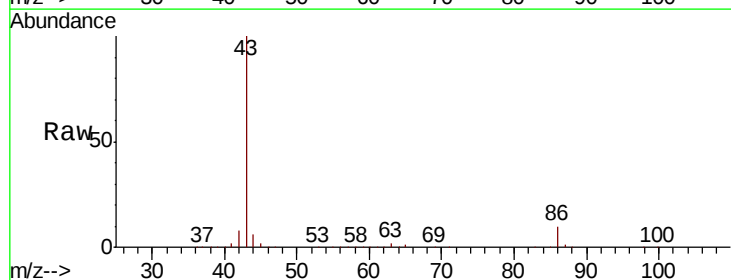


Abundance Ion 83.00 (82.70 to 83.70): VN050863.D (-2274) (-)
 Ion 85.00 (84.70 to 85.70): VN050863.D (-2274) (-)
 Ion 127.00 (126.70 to 127.70): VN050863.D (-2274) (-)

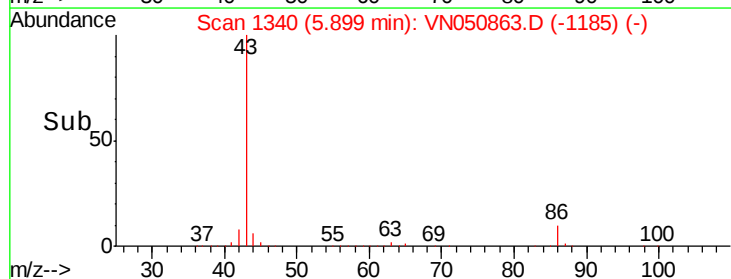
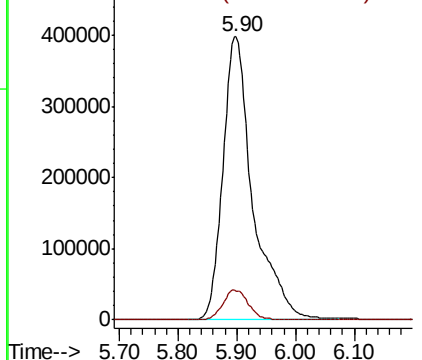


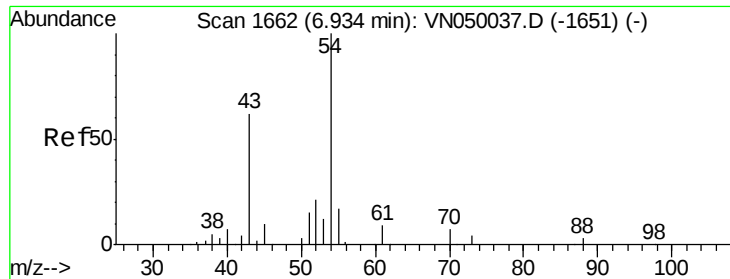
#42
 Vinyl Acetate
 Concen: 99.876 ug/l
 RT: 5.90 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VN050863.D
 Acq: 24 Aug 2018 9:13

Tgt Ion	Ratio	Lower	Upper
43	100		
86	9.1	7.3	10.9



Abundance Ion 43.00 (42.70 to 43.70): VN050863.D (-1185) (-)
 Ion 86.00 (85.70 to 86.70): VN050863.D (-1185) (-)





#43

Ethyl Acetate

Concen: 18.738 ug/l

RT: 6.93 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VN050863.D

Acq: 24 Aug 2018 9:13

Instrument :

MSVOA_N

ClientSampleId :

VN0824WBS01

Tgt Ion: 43 Resp: 117541

Ion Ratio Lower Upper

43 100

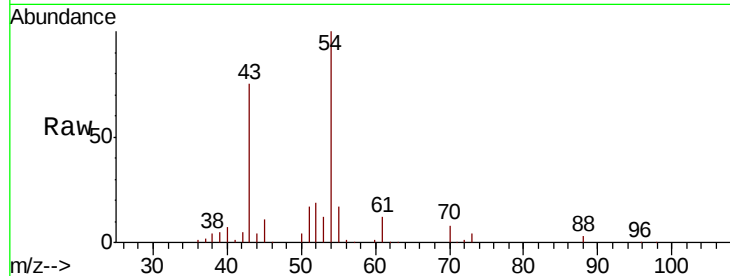
45 13.2 13.0 19.6

Manual Integrations

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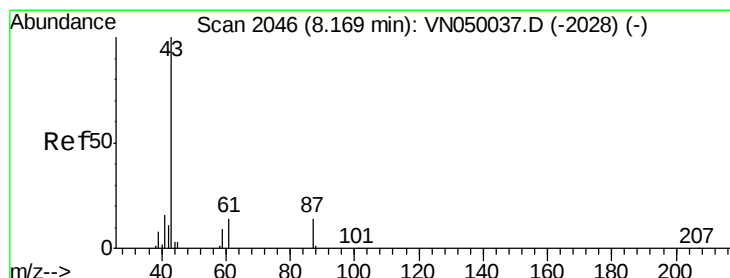
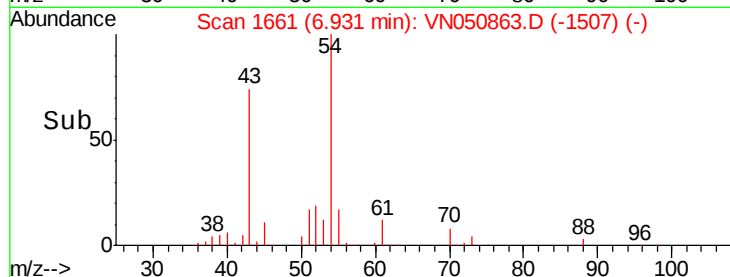
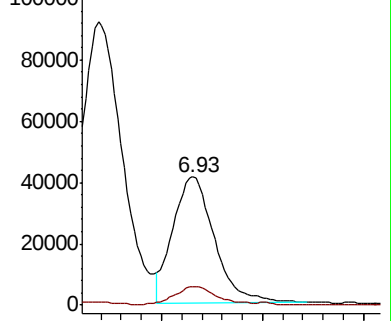
MMDadoda

8/25/2018 1:18:22 PM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



#44

Isopropyl Acetate

Concen: 18.610 ug/l

RT: 8.17 min Scan# 2045

Delta R.T. -0.00 min

Lab File: VN050863.D

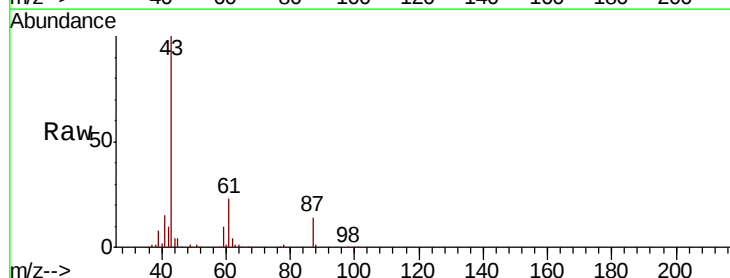
Acq: 24 Aug 2018 9:13

Tgt Ion: 43 Resp: 216251

Ion Ratio Lower Upper

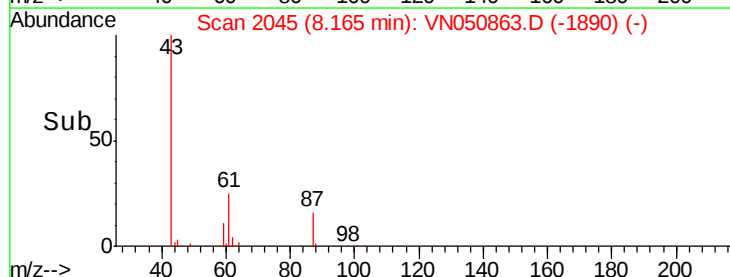
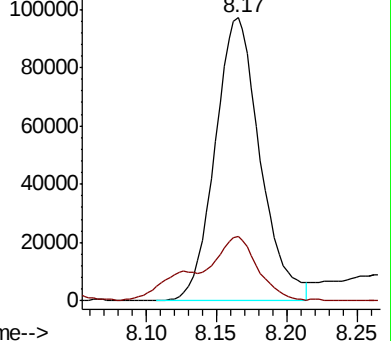
43 100

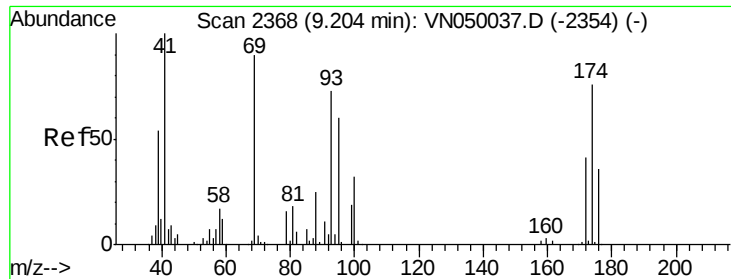
61 19.9 16.4 24.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





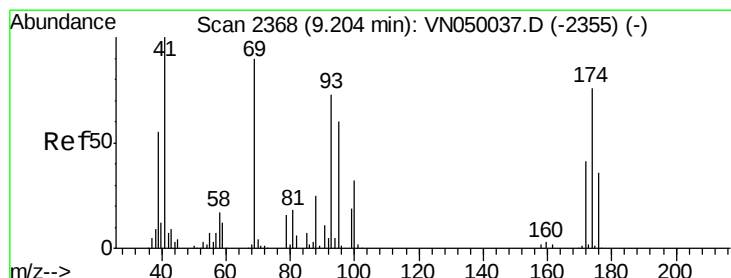
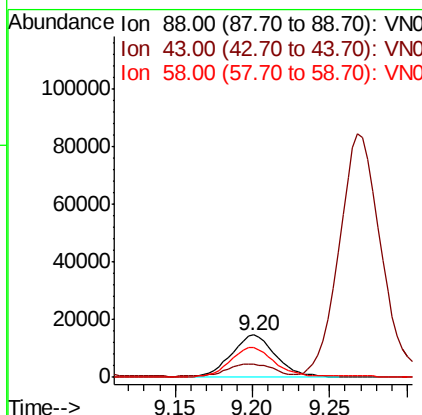
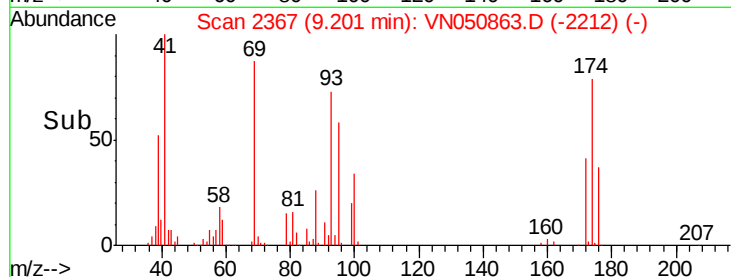
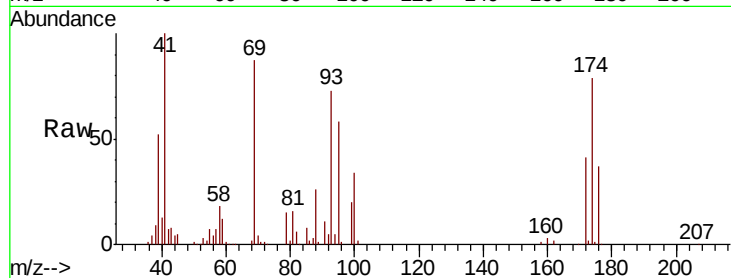
#45
 1,4-Dioxane
 Concen: 385.864 ug/l
 RT: 9.20 min Scan# 2367
 Delta R.T. -0.00 min
 Lab File: VN050863.D
 Acq: 24 Aug 2018 9:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	29505		
43	27.7	26.9	40.3	
58	70.3	53.6	80.4	

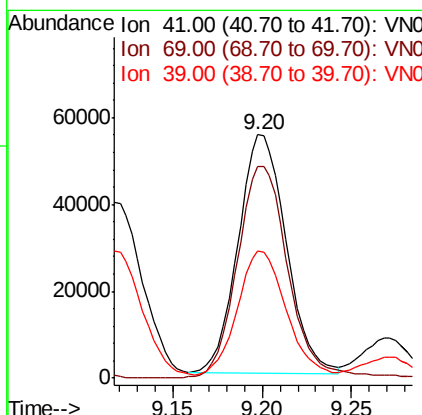
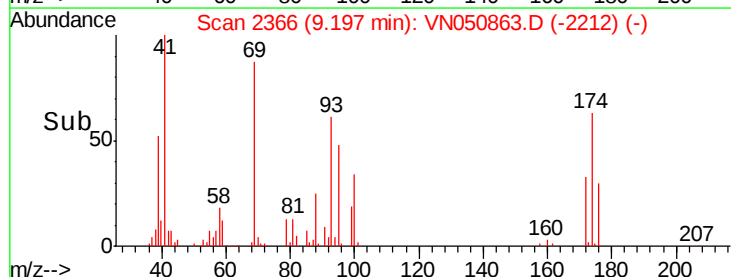
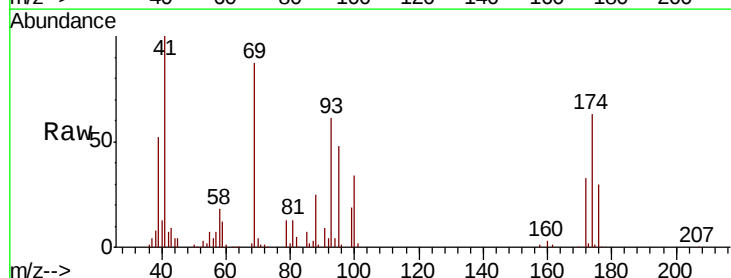
Manual Integrations
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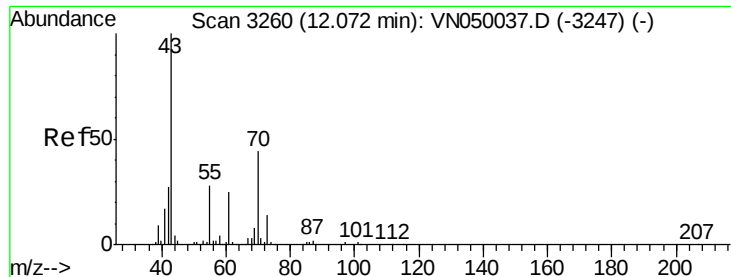
MMDadoda
 8/25/2018 1:18:22 PM



#46
 Methyl methacrylate
 Concen: 18.325 ug/l
 RT: 9.20 min Scan# 2366
 Delta R.T. -0.01 min
 Lab File: VN050863.D
 Acq: 24 Aug 2018 9:13

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	103229		
69	88.6	44.0	132.1	
39	51.6	27.0	80.8	





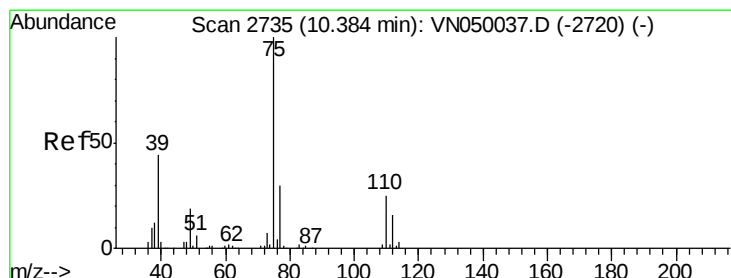
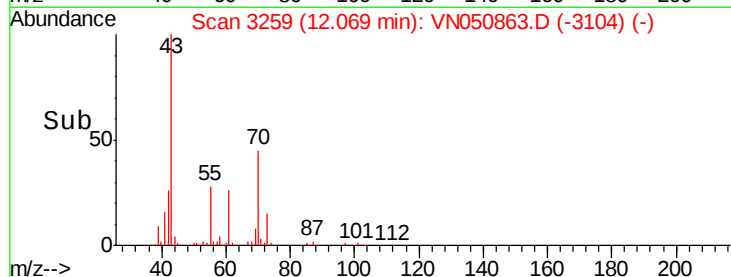
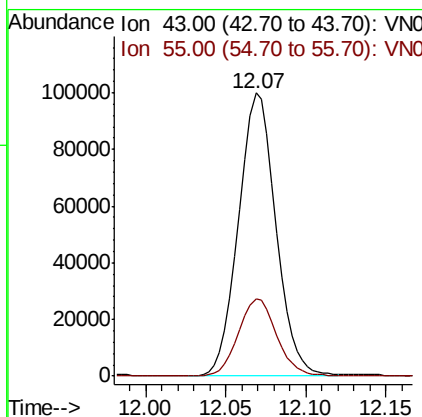
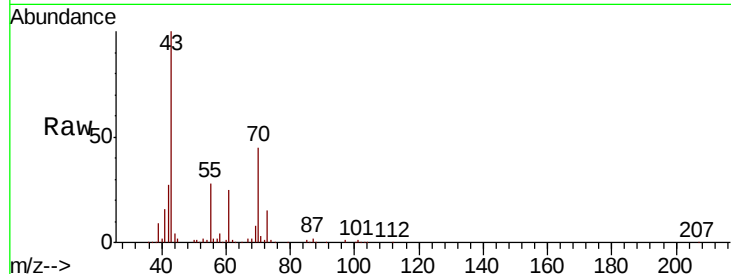
#47
n-amy1 Acetate
Concen: 17.519 ug/l
RT: 12.07 min Scan# 3259
Delta R.T. -0.00 min
Lab File: VN050863.D
Acq: 24 Aug 2018 9:13

Instrument :
MSVOA_N
ClientSampleId :
VN0824WBS01

Tgt Ion: 43 Resp: 158402
Ion Ratio Lower Upper
43 100
55 28.2 21.0 31.4

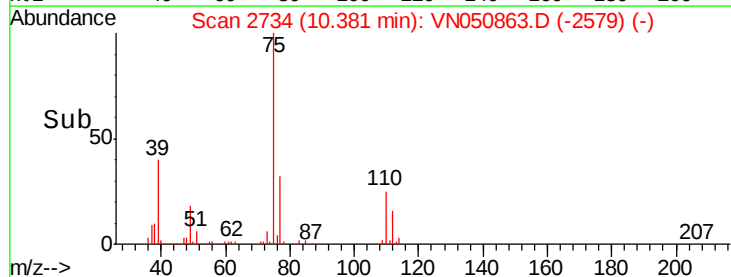
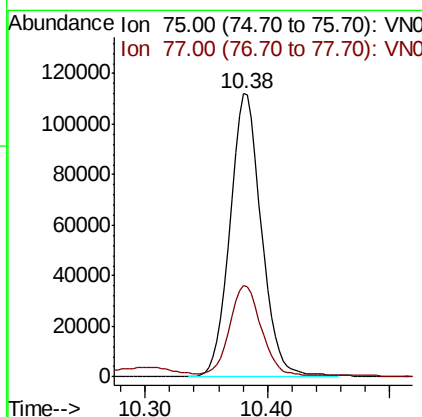
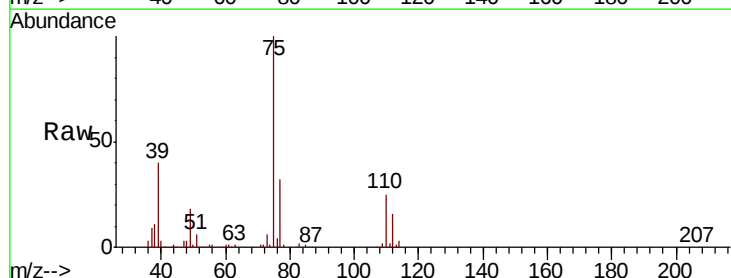
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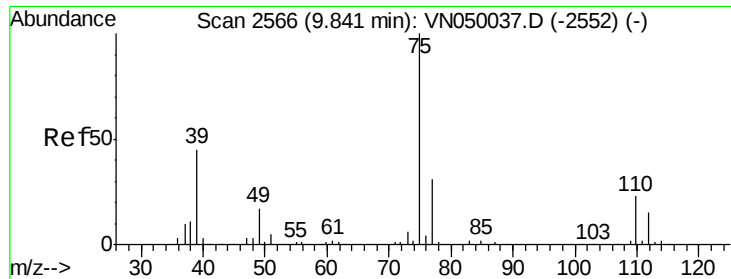
MMDadoda
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#48
t-1,3-Dichloropropene
Concen: 21.166 ug/l
RT: 10.38 min Scan# 2734
Delta R.T. -0.00 min
Lab File: VN050863.D
Acq: 24 Aug 2018 9:13

Tgt Ion: 75 Resp: 201440
Ion Ratio Lower Upper
75 100
77 31.9 24.6 37.0





#49

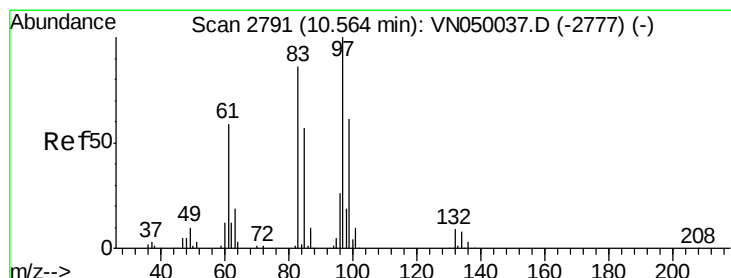
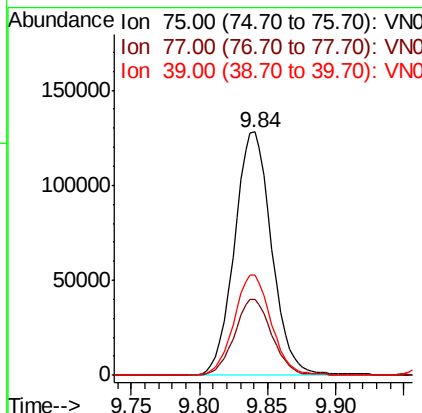
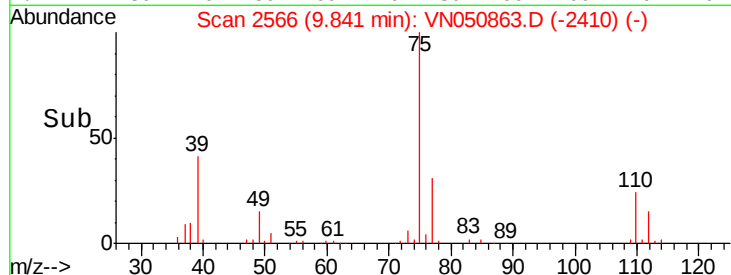
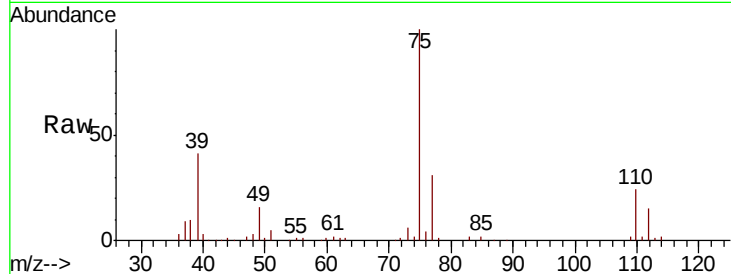
cis-1,3-Dichloropropene
 Concen: 21.667 ug/l
 RT: 9.84 min Scan# 2566
 Delta R.T. -0.00 min
 Lab File: VN050863.D
 Acq: 24 Aug 2018 9:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824WBS01

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.7	38.5
39	40.9	36.3	54.5

Manual Integrations
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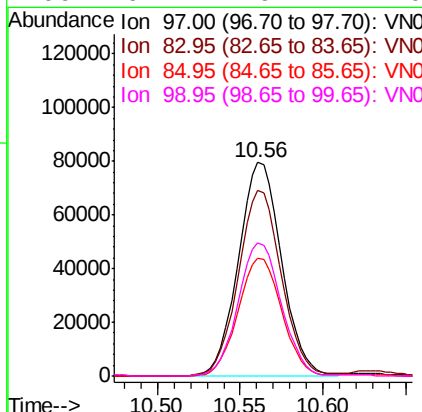
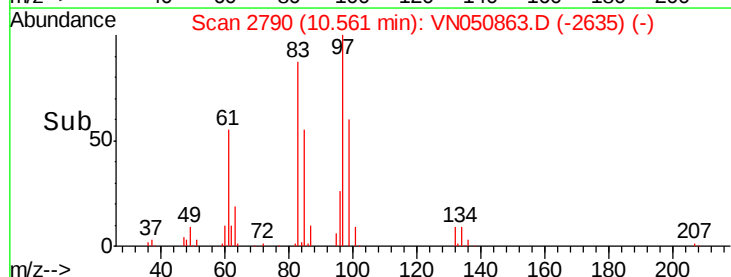
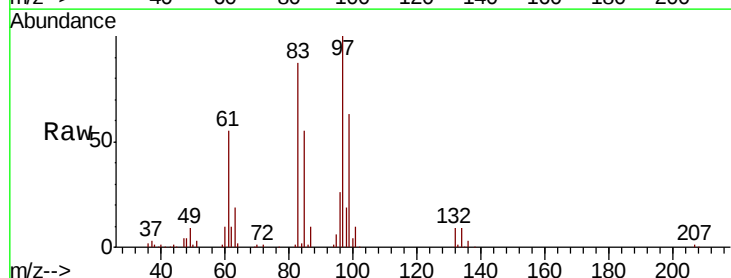
MMDadoda
 8/25/2018 1:18:22 PM

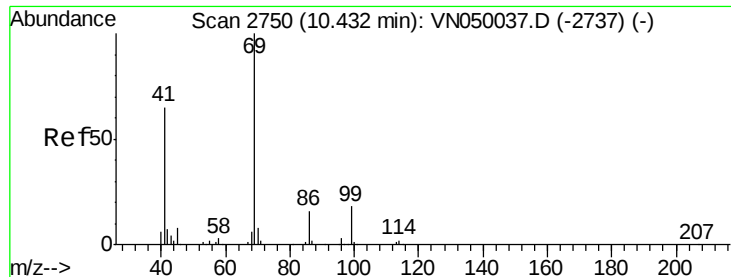


#50

1,1,2-Trichloroethane
 Concen: 21.191 ug/l
 RT: 10.56 min Scan# 2790
 Delta R.T. -0.00 min
 Lab File: VN050863.D
 Acq: 24 Aug 2018 9:13

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.5	68.1	102.1
85	55.4	45.4	68.2
99	62.4	49.4	74.0





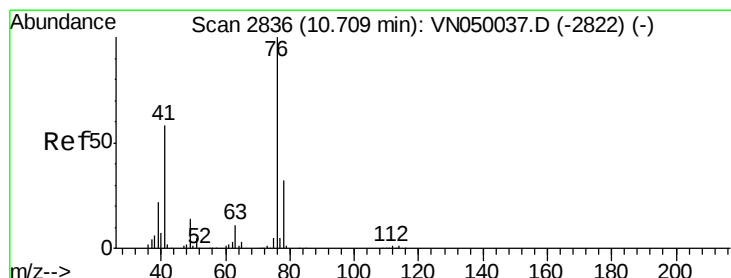
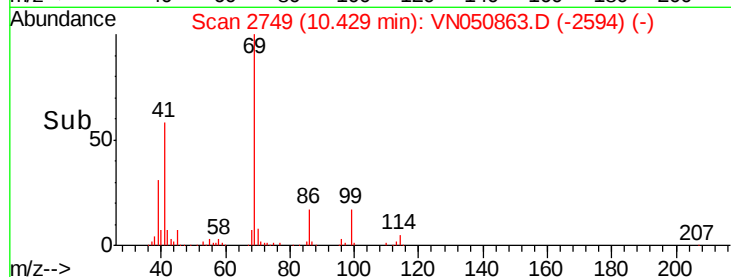
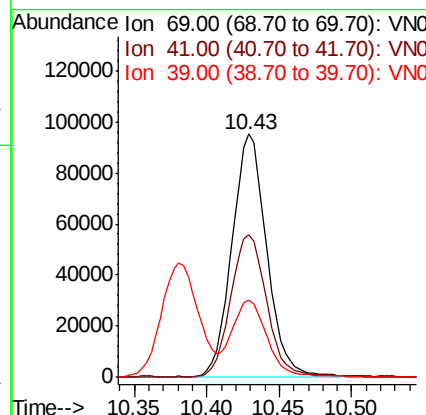
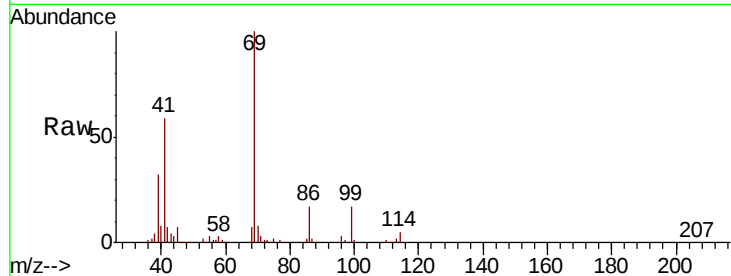
#51
Ethyl methacrylate
Concen: 19.255 ug/l
RT: 10.43 min Scan# 2749
Delta R.T. -0.00 min
Lab File: VN050863.D
Acq: 24 Aug 2018 9:13

Instrument :
MSVOA_N
ClientSampleId :
VN0824WBS01

Tgt Ion	Ratio	Lower	Upper
69	100		
41	58.2	31.9	95.9
39	31.3	16.7	50.1

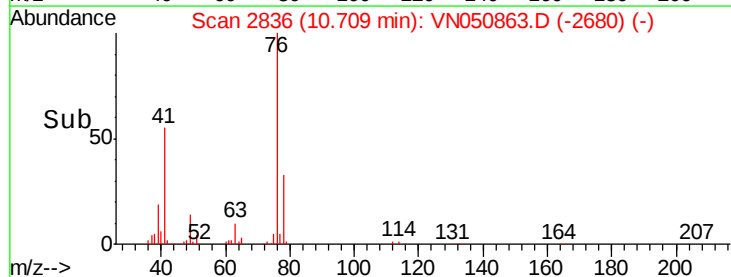
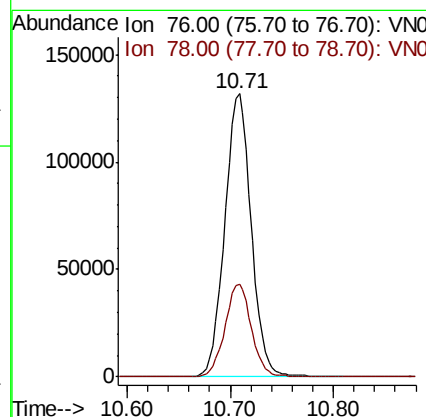
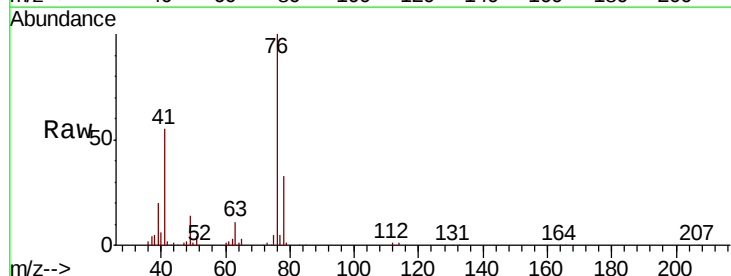
Manual Integrations
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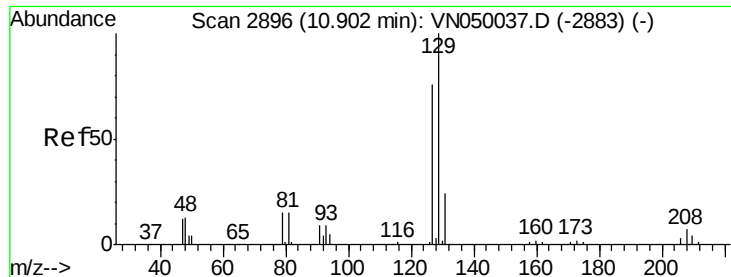
MMDadoda
8/25/2018 1:18:22 PM



#52
1,3-Dichloropropane
Concen: 21.070 ug/l
RT: 10.71 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN050863.D
Acq: 24 Aug 2018 9:13

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.8	0.0	65.6





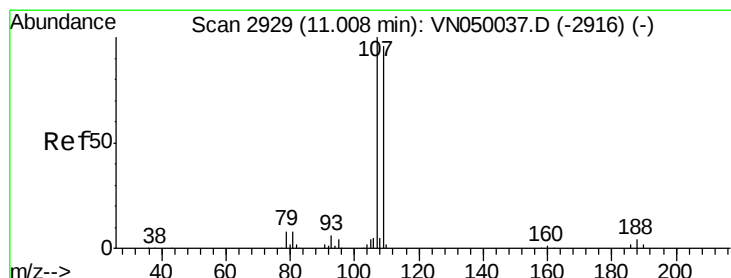
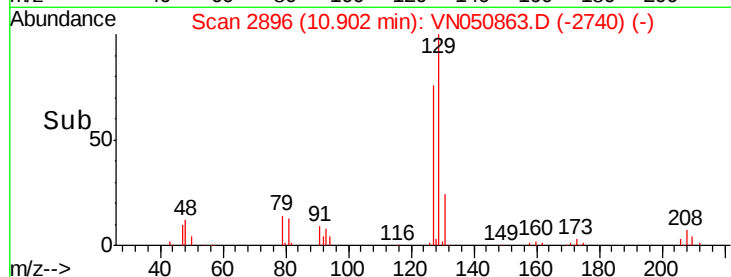
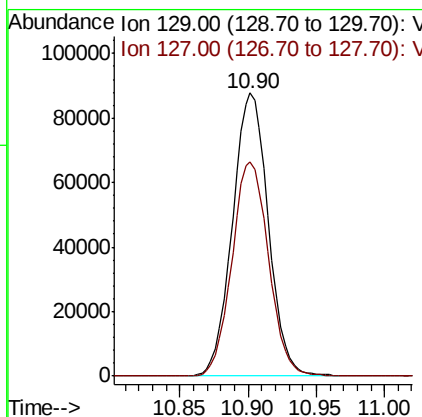
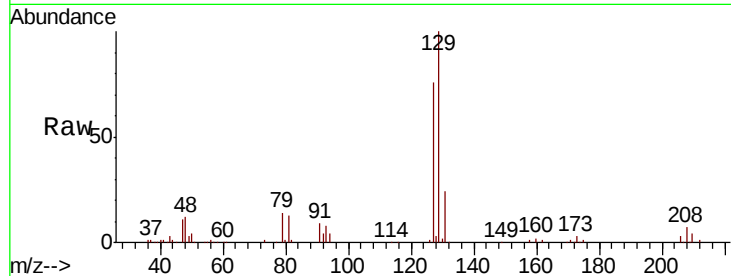
#53
 Dibromochloromethane
 Concen: 20.754 ug/l
 RT: 10.90 min Scan# 2896
 Delta R.T. -0.00 min
 Lab File: VN050863.D
 Acq: 24 Aug 2018 9:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824WBS01

Tgt Ion:129 Resp: 160024
 Ion Ratio Lower Upper
 129 100
 127 77.4 38.1 114.5

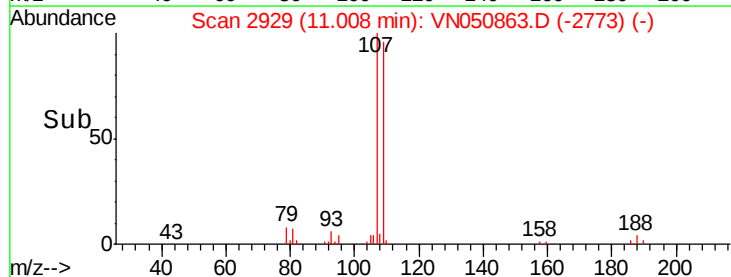
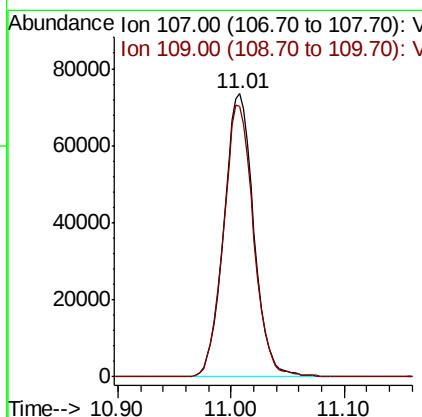
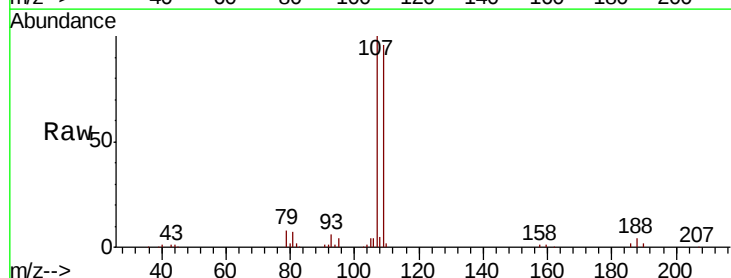
Manual Integrations
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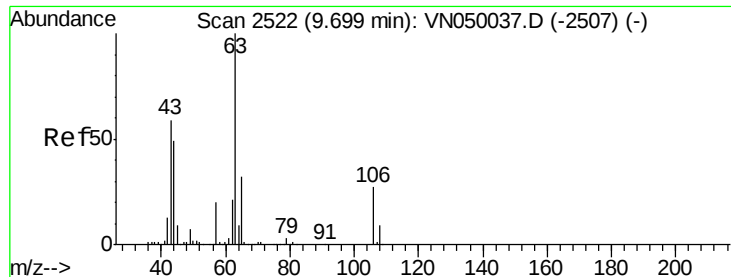
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#54
 1,2-Dibromoethane
 Concen: 20.307 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. -0.00 min
 Lab File: VN050863.D
 Acq: 24 Aug 2018 9:13

Tgt Ion:107 Resp: 135129
 Ion Ratio Lower Upper
 107 100
 109 96.6 76.2 114.2





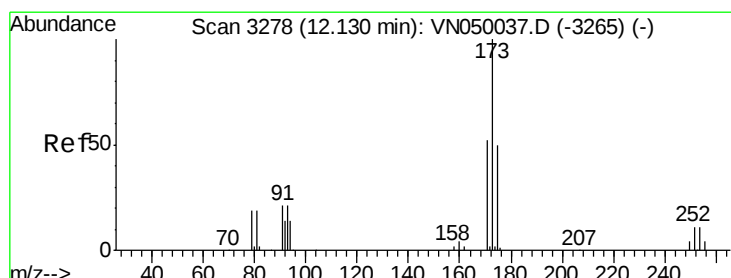
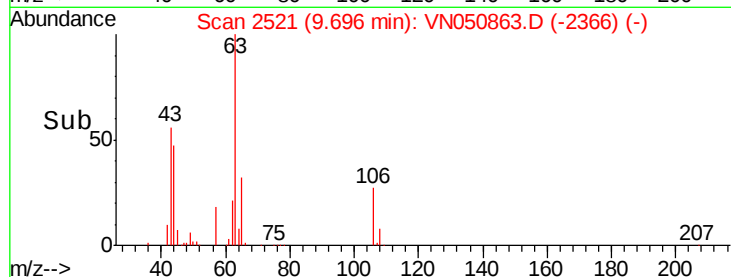
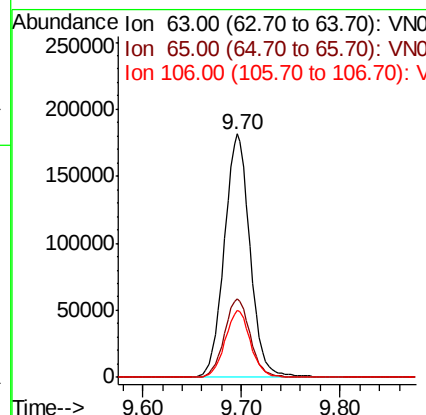
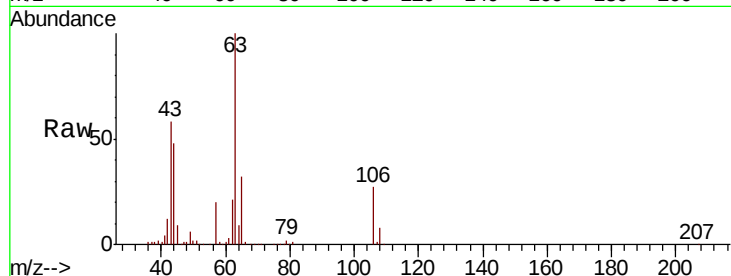
#55
2-Chloroethyl vinyl ether
Concen: 89.106 ug/l
RT: 9.70 min Scan# 2521
Delta R.T. -0.00 min
Lab File: VN050863.D
Acq: 24 Aug 2018 9:13

Instrument :
MSVOA_N
ClientSampleId :
VN0824WBS01

Tgt Ion	Ratio	Lower	Upper
63	100		
65	32.6	25.5	38.3
106	27.0	21.8	32.6

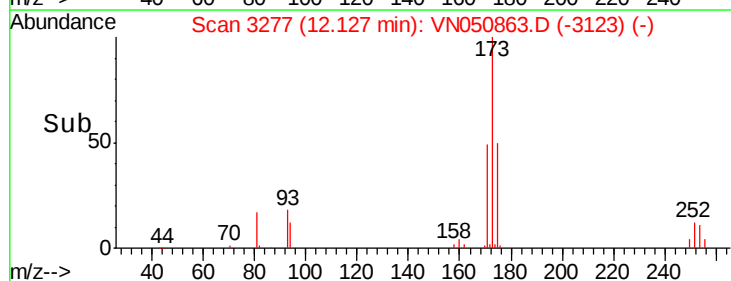
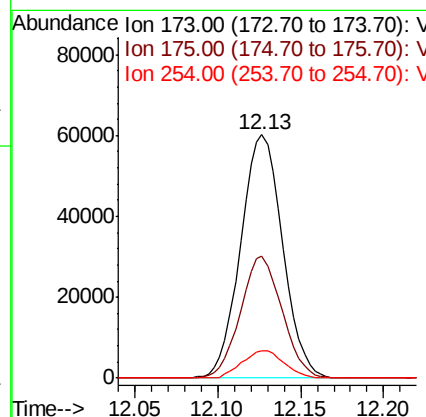
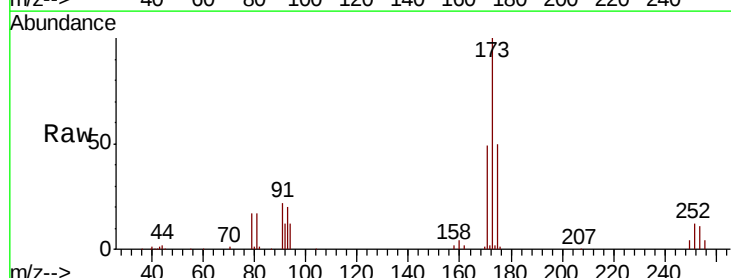
Manual Integrations
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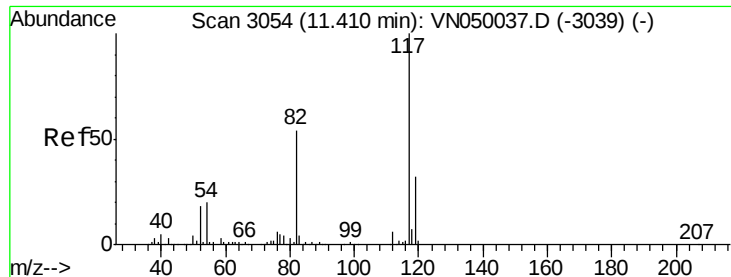
MMDadoda
8/25/2018 1:18:22 PM



#56
Bromoform
Concen: 19.486 ug/l
RT: 12.13 min Scan# 3277
Delta R.T. -0.00 min
Lab File: VN050863.D
Acq: 24 Aug 2018 9:13

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.7	38.6	57.8
254	11.3	8.8	13.2





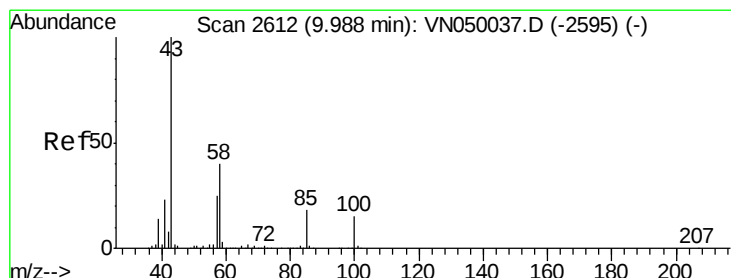
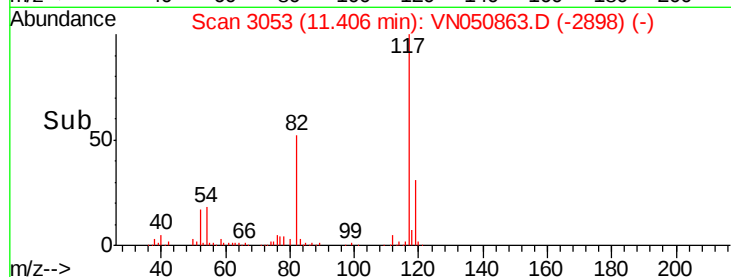
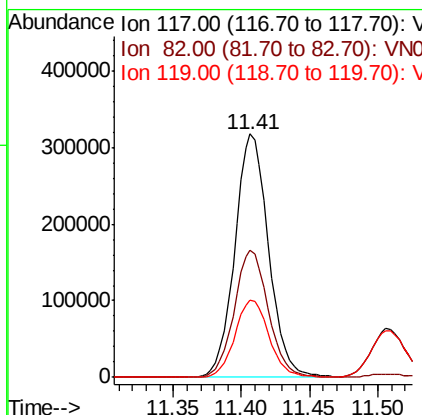
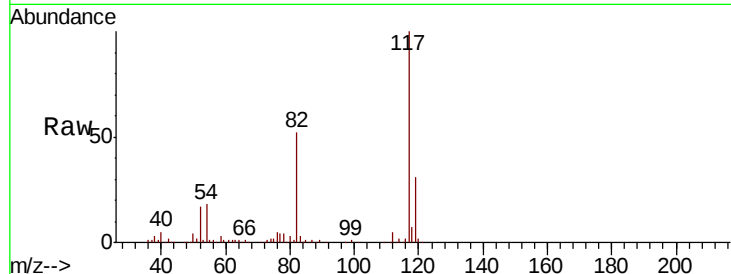
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. -0.00 min
Lab File: VN050863.D
Acq: 24 Aug 2018 9:13

Instrument :
MSVOA_N
ClientSampleId :
VN0824WBS01

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	52.9	42.4	63.6
119	32.2	25.4	38.0

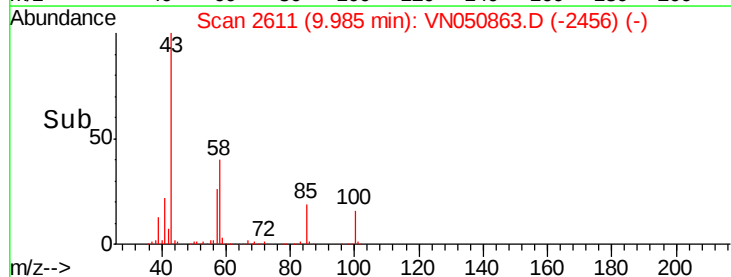
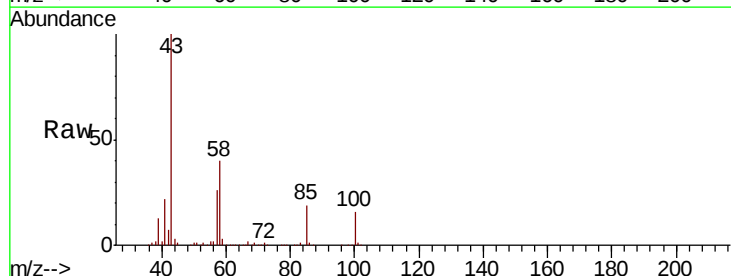
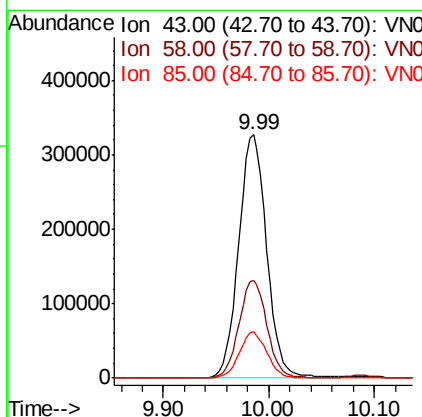
Manual Integrations
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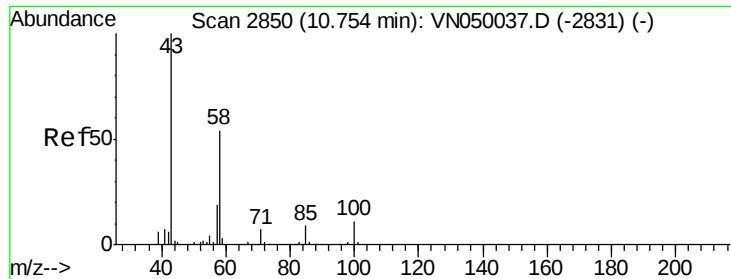
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 94.764 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. -0.00 min
Lab File: VN050863.D
Acq: 24 Aug 2018 9:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
43	100		
58	40.4	31.2	46.8
85	18.6	14.4	21.6





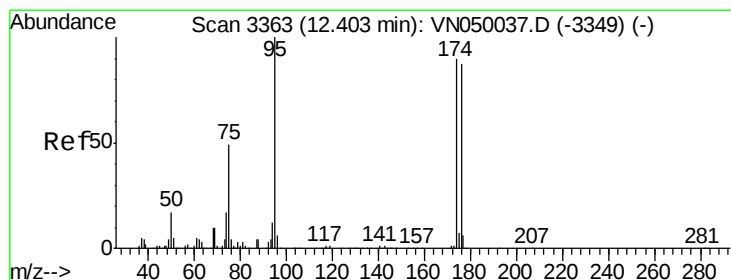
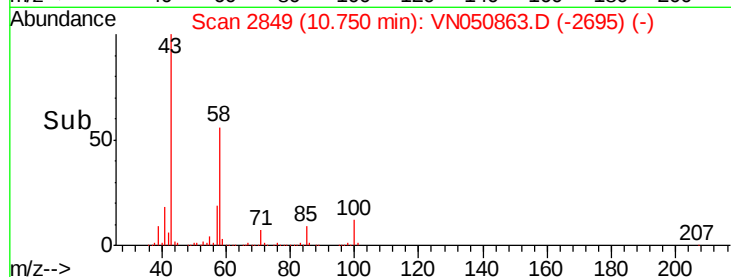
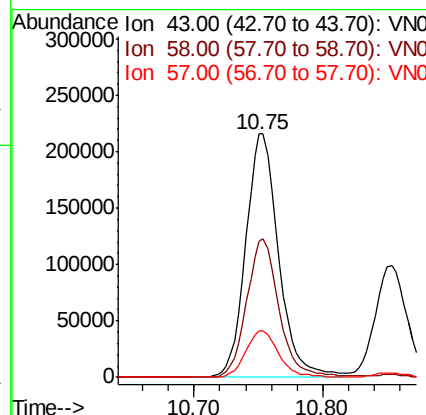
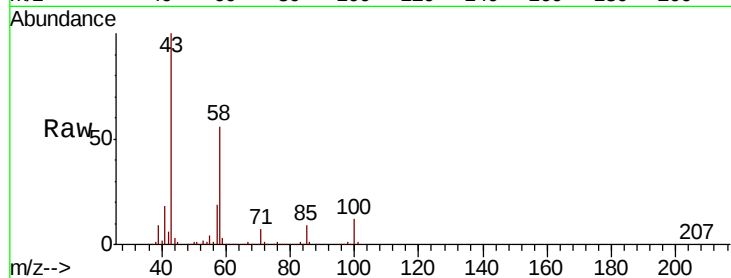
#59
2-Hexanone
Concen: 87.965 ug/l
RT: 10.75 min Scan# 2849
Delta R.T. -0.00 min
Lab File: VN050863.D
Acq: 24 Aug 2018 9:13

Instrument :
MSVOA_N
ClientSampleId :
VN0824WBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
58	56.5	43.8	65.8
57	19.4	15.1	22.7

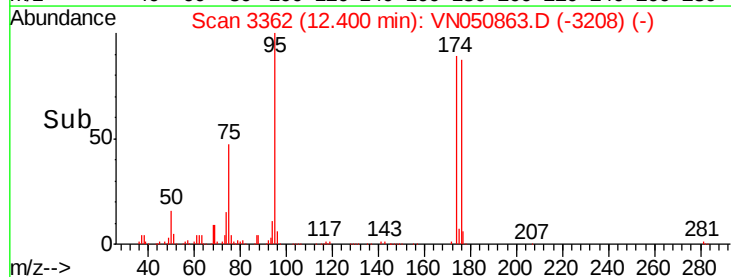
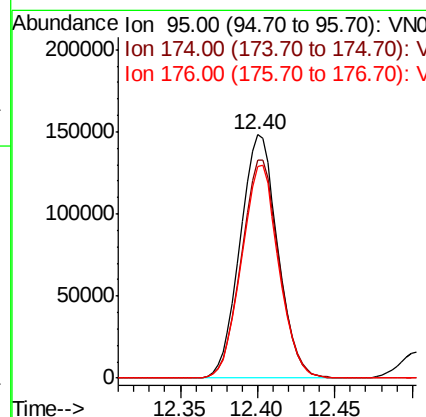
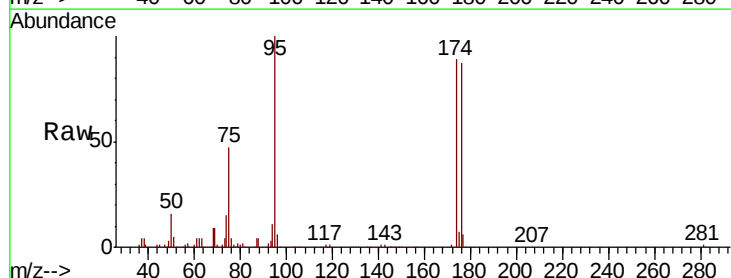
Manual Integrations
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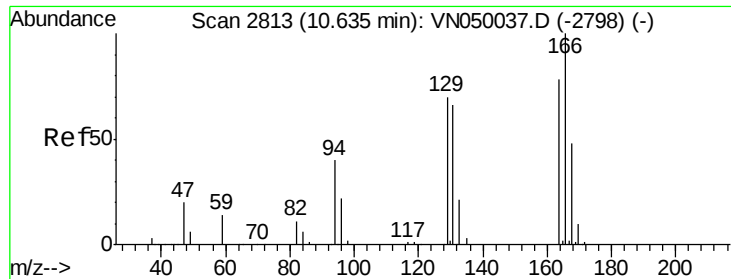
MMDadoda
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#60
4-Bromofluorobenzene
Concen: 29.878 ug/l
RT: 12.40 min Scan# 3362
Delta R.T. -0.00 min
Lab File: VN050863.D
Acq: 24 Aug 2018 9:13

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.7	72.3	108.5
176	86.7	70.0	105.0





#61

Tetrachloroethene

Concen: 21.530 ug/l

RT: 10.63 min Scan# 2812

Delta R.T. -0.00 min

Lab File: VN050863.D

Acq: 24 Aug 2018 9:13

Instrument :

MSVOA_N

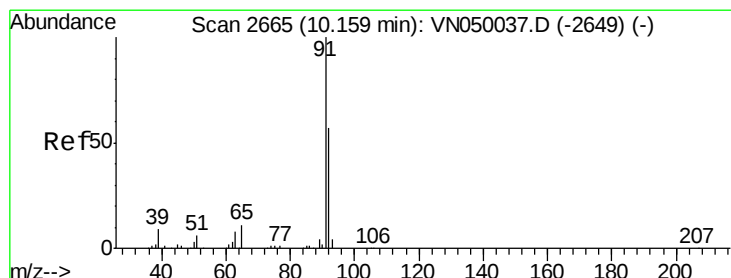
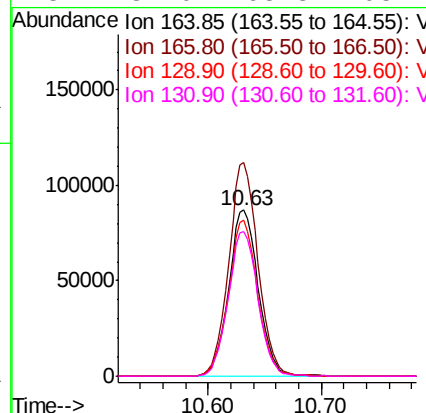
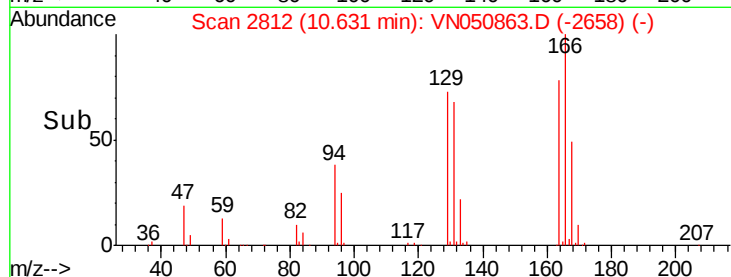
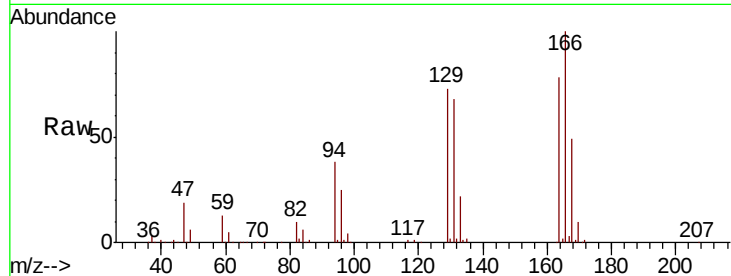
ClientSampleId :

VN0824WBS01

Tgt Ion:	164	Resp:	159144
Ion Ratio	Lower	Upper	
164	100		
166	128.4	100.0	150.0
129	93.7	69.3	103.9
131	87.0	68.8	103.2

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#62

Toluene

Concen: 22.324 ug/l

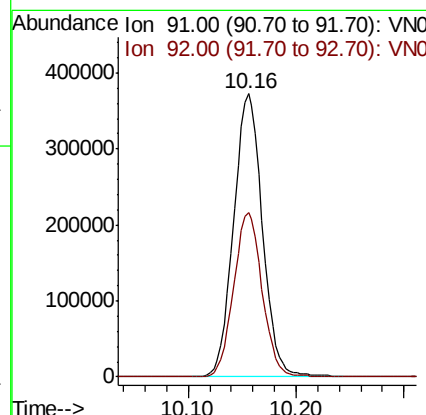
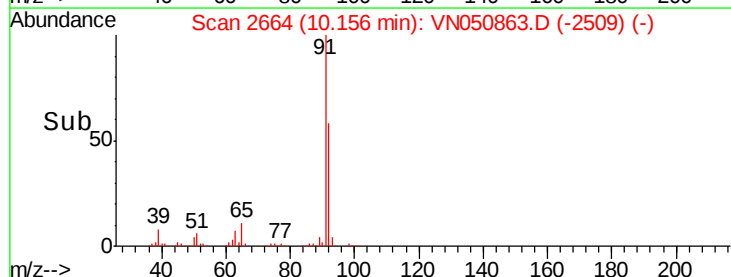
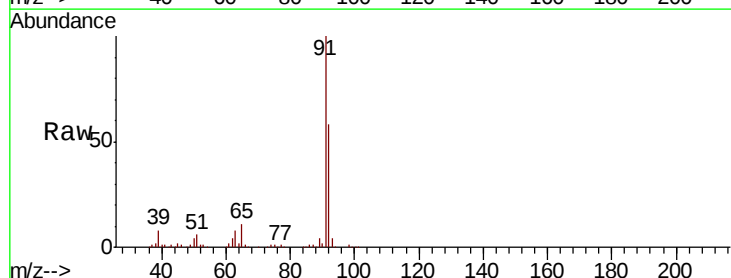
RT: 10.16 min Scan# 2664

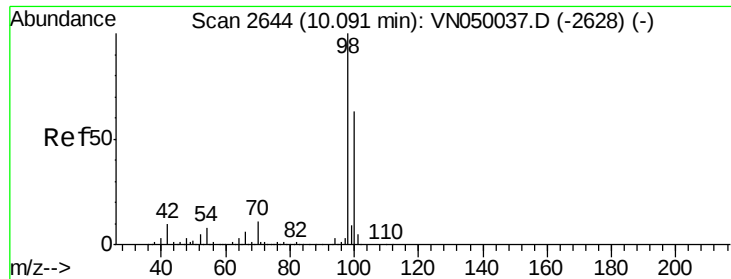
Delta R.T. -0.00 min

Lab File: VN050863.D

Acq: 24 Aug 2018 9:13

Tgt Ion:	91	Resp:	695061
Ion Ratio	Lower	Upper	
91	100		
92	57.6	45.7	68.5





#63

Toluene-d8

Concen: 29.879 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050863.D

Acq: 24 Aug 2018 9:13

Instrument :

MSVOA_N

ClientSampleId :

VN0824WBS01

Tgt Ion: 98 Resp: 778861

Ion Ratio Lower Upper

98 100

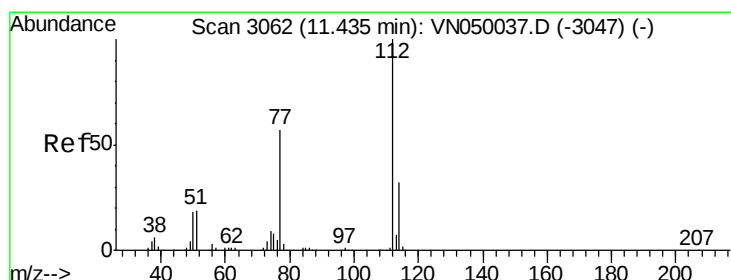
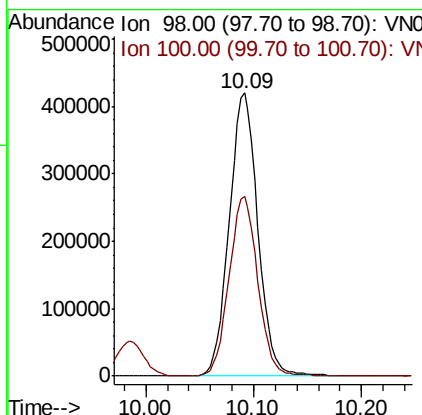
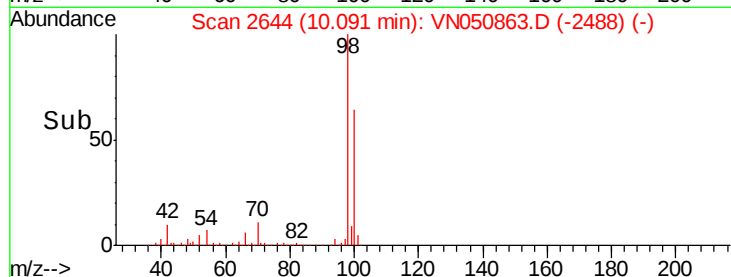
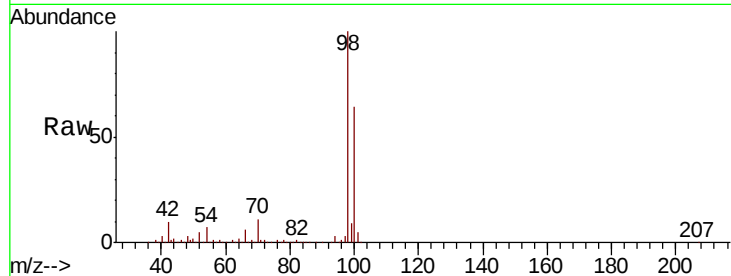
100 63.3 51.2 76.8

Manual Integrations

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#64

Chlorobenzene

Concen: 22.654 ug/l

RT: 11.43 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN050863.D

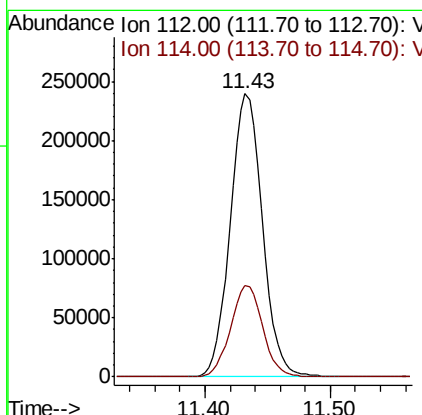
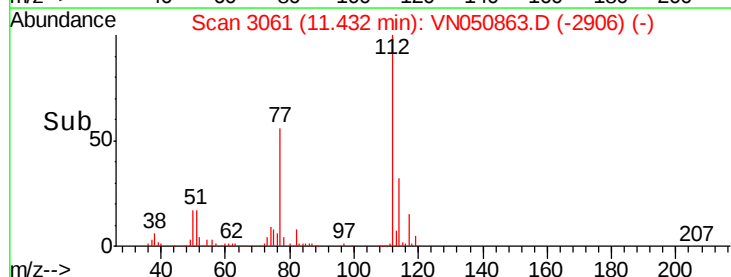
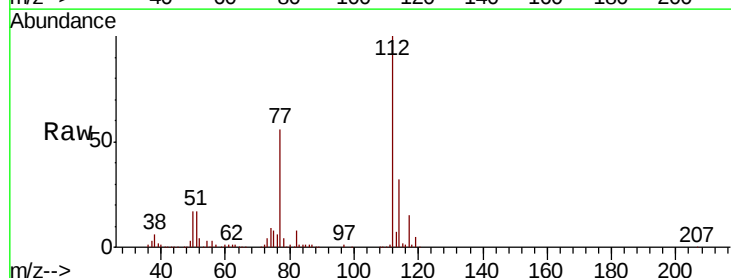
Acq: 24 Aug 2018 9:13

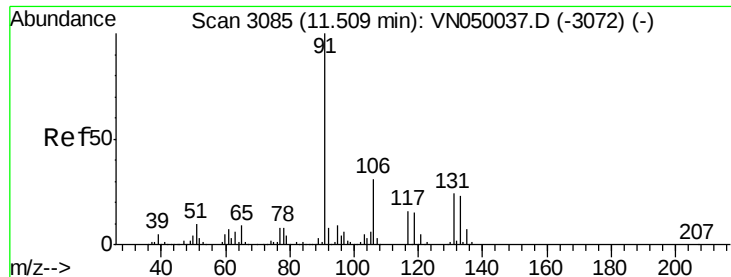
Tgt Ion: 112 Resp: 427717

Ion Ratio Lower Upper

112 100

114 32.1 26.2 39.2





#65

1,1,1,2-Tetrachloroethane

Concen: 21.869 ug/l

RT: 11.51 min Scan# 3084

Delta R.T. -0.00 min

Lab File: VN050863.D

Acq: 24 Aug 2018 9:13

Instrument :

MSVOA_N

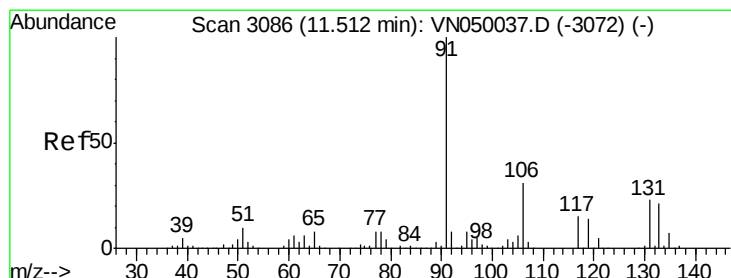
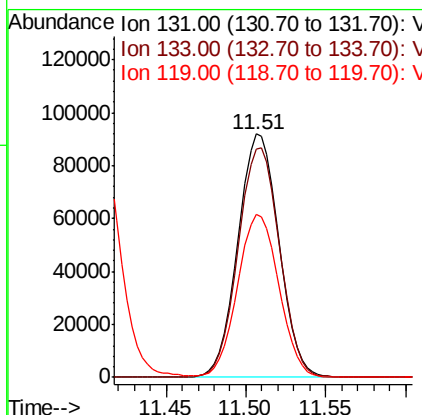
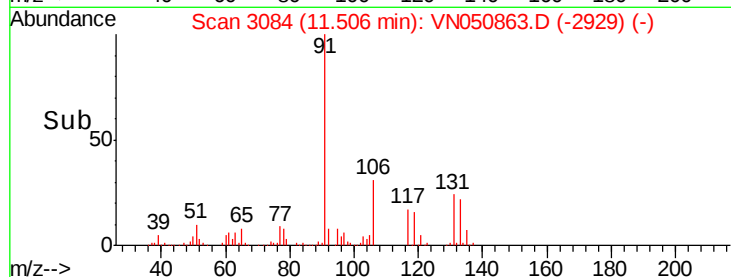
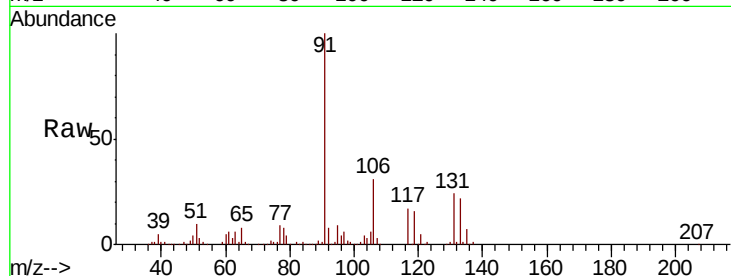
ClientSampled :

VN0824WBS01

Tgt Ion:	131	Resp:	161051
Ion Ratio	Lower	Upper	
131	100		
133	95.6	0.0	190.0
119	67.7	0.0	131.6

Manual Integrations
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#66

Ethyl Benzene

Concen: 22.195 ug/l

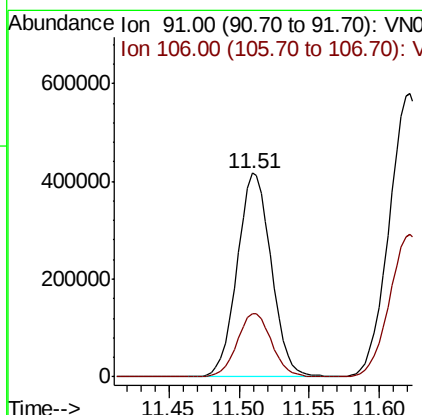
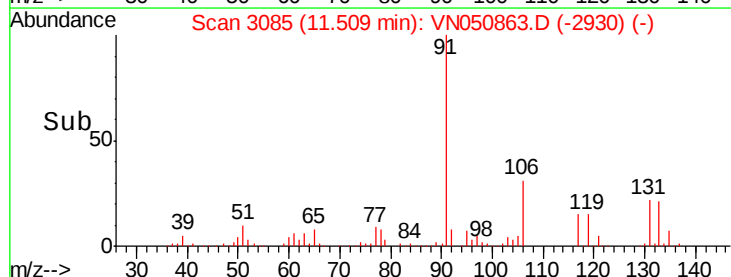
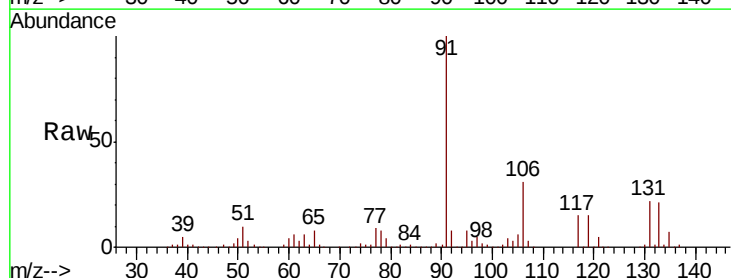
RT: 11.51 min Scan# 3085

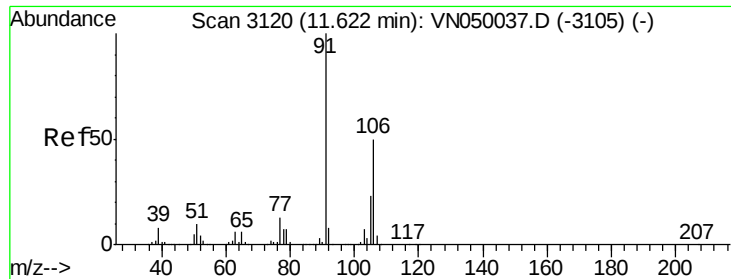
Delta R.T. -0.00 min

Lab File: VN050863.D

Acq: 24 Aug 2018 9:13

Tgt Ion:	91	Resp:	706202
Ion Ratio	Lower	Upper	
91	100		
106	31.3	25.1	37.7





#67

m/p-Xylenes

Concen: 46.271 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. -0.00 min

Lab File: VN050863.D

Acq: 24 Aug 2018 9:13

Instrument :

MSVOA_N

ClientSampleId :

VN0824WBS01

Tgt Ion:106 Resp: 566591

Ion Ratio Lower Upper

106 100

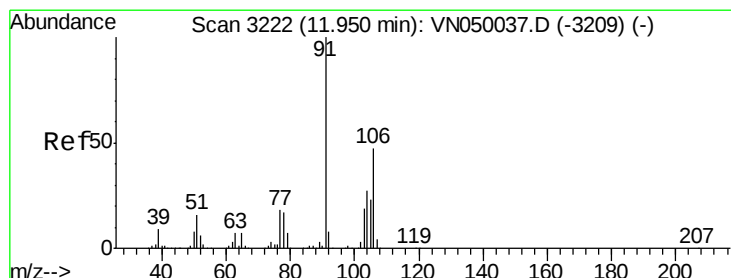
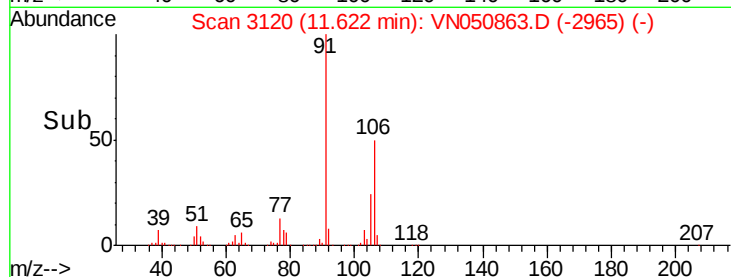
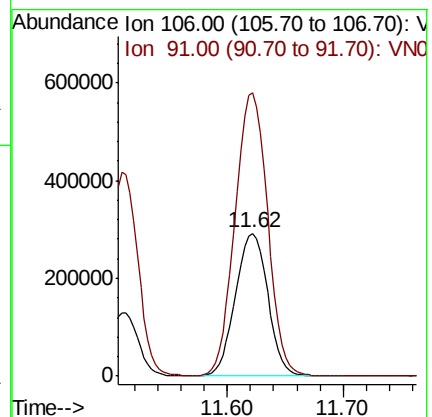
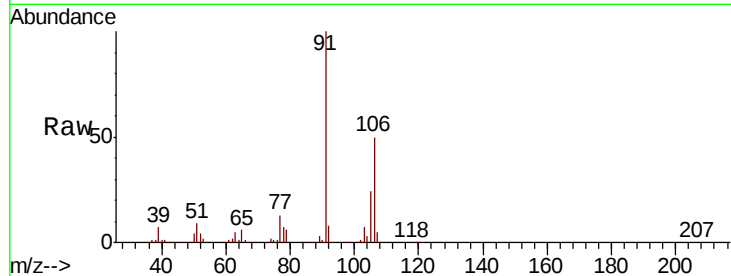
91 199.2 162.5 243.7

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#68

o-Xylene

Concen: 22.782 ug/l

RT: 11.95 min Scan# 3221

Delta R.T. -0.00 min

Lab File: VN050863.D

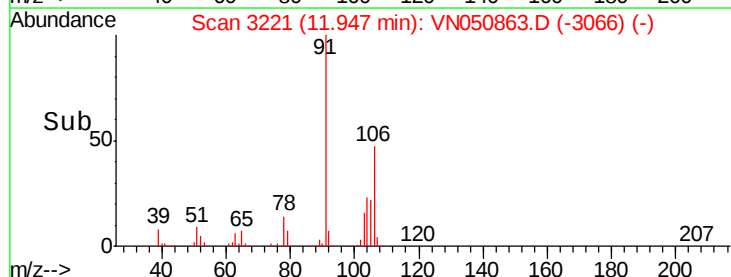
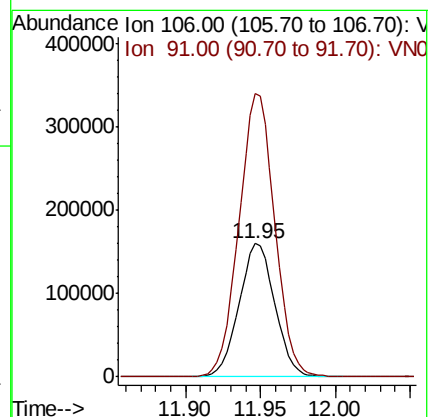
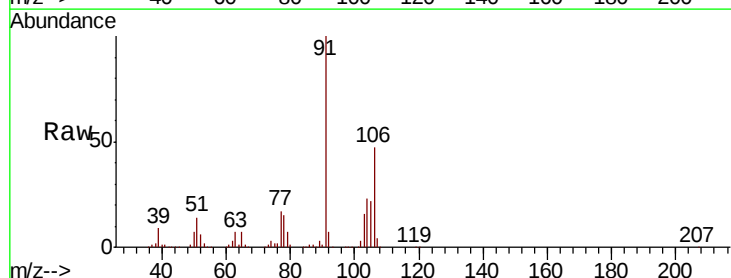
Acq: 24 Aug 2018 9:13

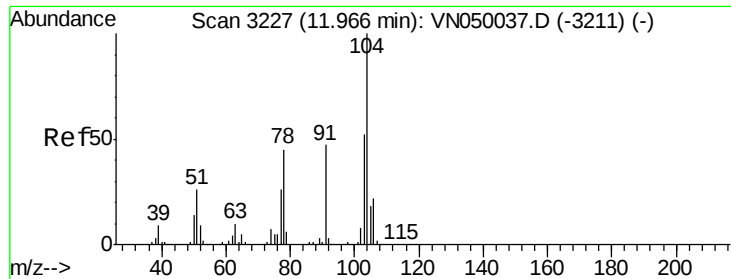
Tgt Ion:106 Resp: 265426

Ion Ratio Lower Upper

106 100

91 212.8 106.8 320.4





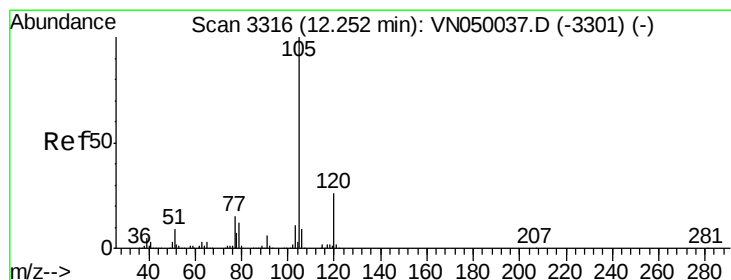
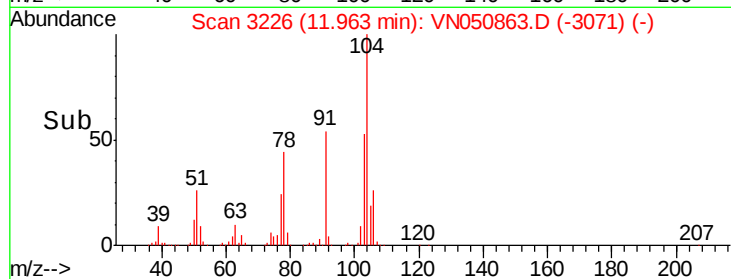
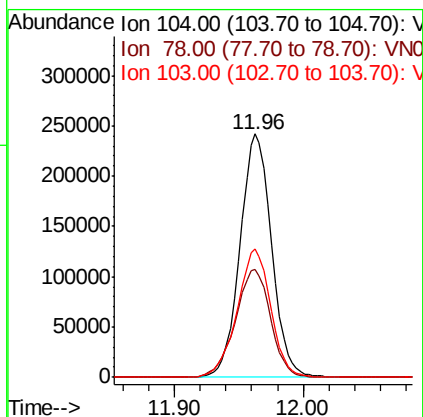
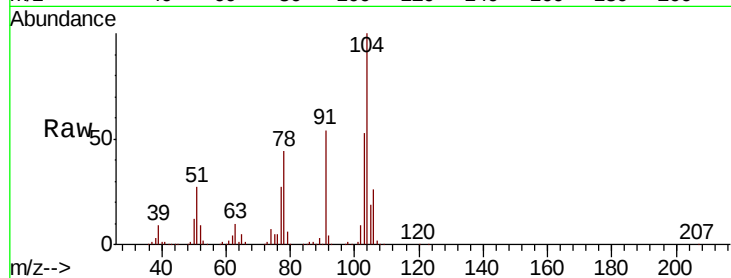
#69
Styrene
Concen: 22.050 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VN050863.D
Acq: 24 Aug 2018 9:13

Instrument :
MSVOA_N
ClientSampleId :
VN0824WBS01

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.4	39.3	58.9
103	56.2	44.5	66.7

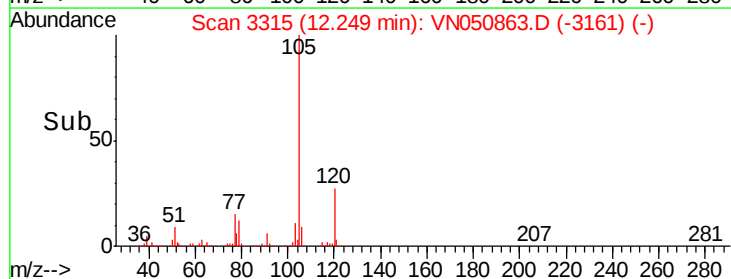
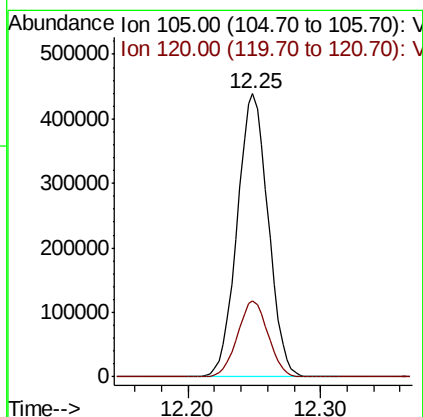
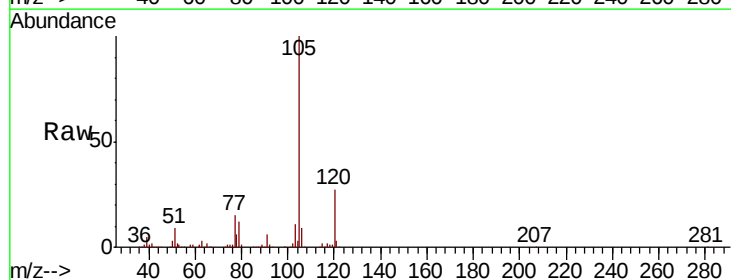
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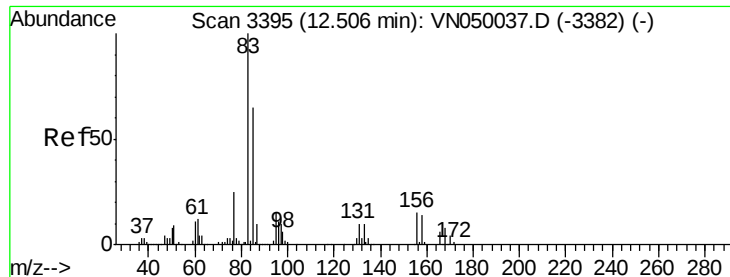
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#70
Isopropylbenzene
Concen: 22.898 ug/l
RT: 12.25 min Scan# 3315
Delta R.T. -0.00 min
Lab File: VN050863.D
Acq: 24 Aug 2018 9:13

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.8	18.9	35.1





#71

1,1,2,2-Tetrachloroethane

Concen: 20.671 ug/l

RT: 12.50 min Scan# 3394

Delta R.T. -0.00 min

Lab File: VN050863.D

Acq: 24 Aug 2018 9:13

Instrument :

MSVOA_N

ClientSampleId :

VN0824WBS01

Tgt Ion: 83 Resp: 176099
Ion Ratio Lower Upper

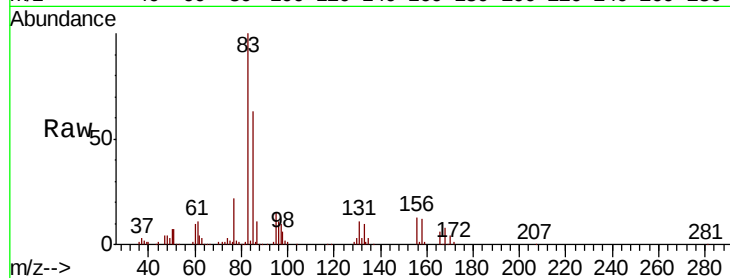
83 100

131 10.6 5.2 15.6

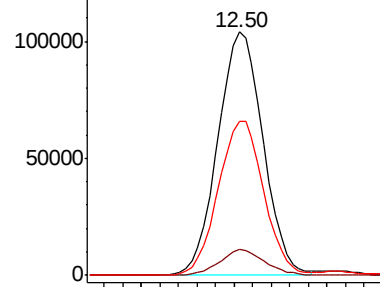
85 63.5 31.7 95.1

Manual Integrations
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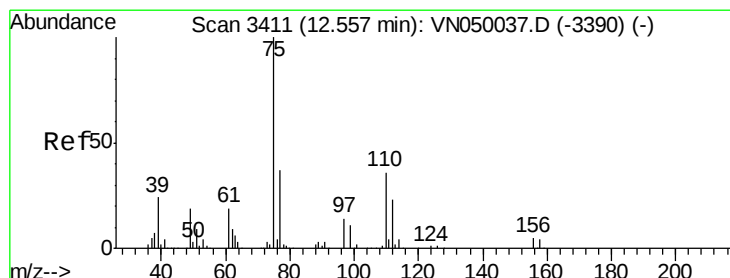
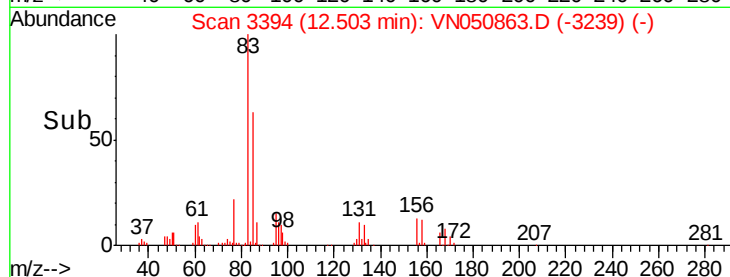
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Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 131.00 (130.70 to 131.70): V
Ion 85.00 (84.70 to 85.70): VN0



Time-->



#72

1,2,3-Trichloropropane

Concen: 19.145 ug/l m

RT: 12.55 min Scan# 3410

Delta R.T. -0.00 min

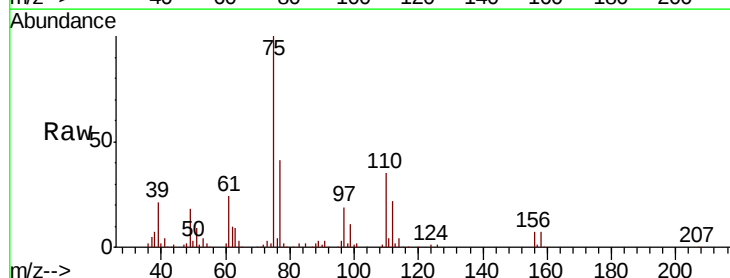
Lab File: VN050863.D

Acq: 24 Aug 2018 9:13

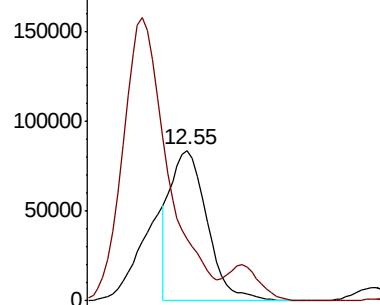
Tgt Ion: 75 Resp: 139303
Ion Ratio Lower Upper

75 100

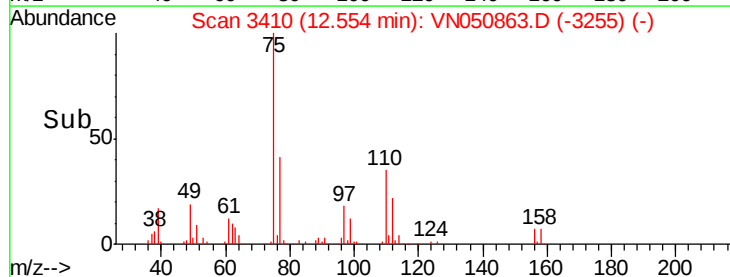
77 229.0 0.0 454.4

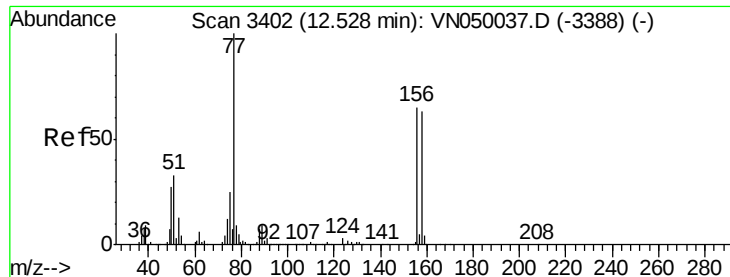


Abundance Ion 75.00 (74.70 to 75.70): VN0
Ion 77.00 (76.70 to 77.70): VN0



Time-->





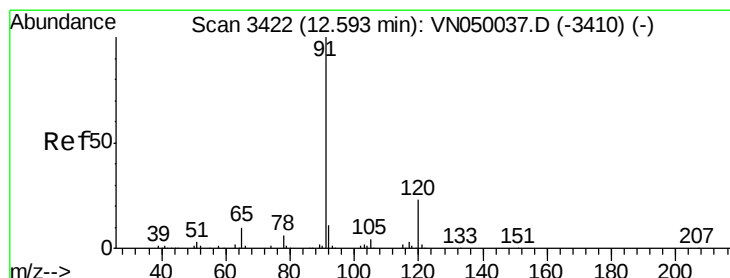
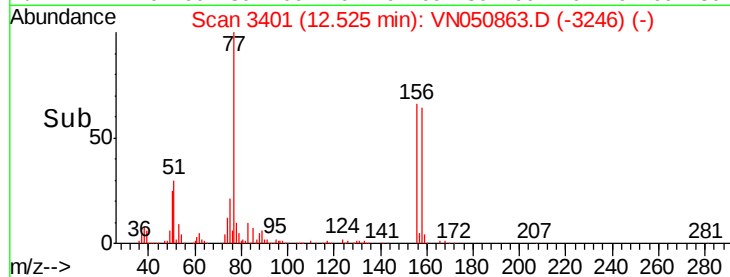
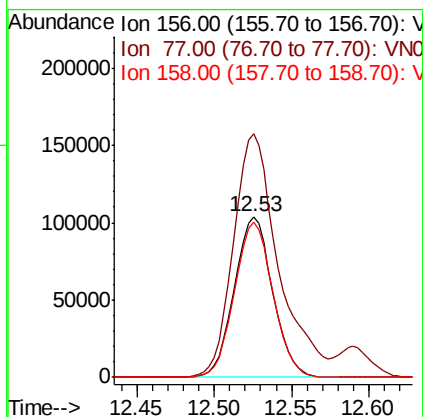
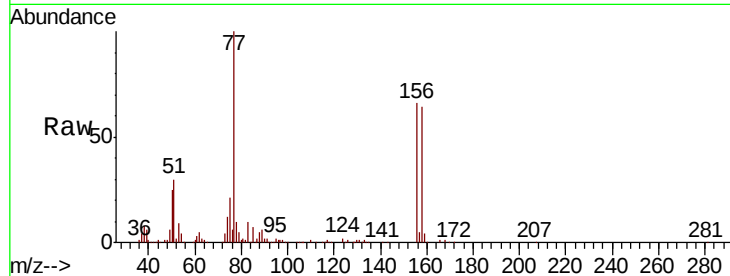
#73
Bromobenzene
Concen: 21.554 ug/l
RT: 12.53 min Scan# 3401
Delta R.T. -0.00 min
Lab File: VN050863.D
Acq: 24 Aug 2018 9:13

Instrument :
MSVOA_N
ClientSampleId :
VN0824WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
156	100	178158		
77	179.0	0.0	359.8	
158	97.2	0.0	192.8	

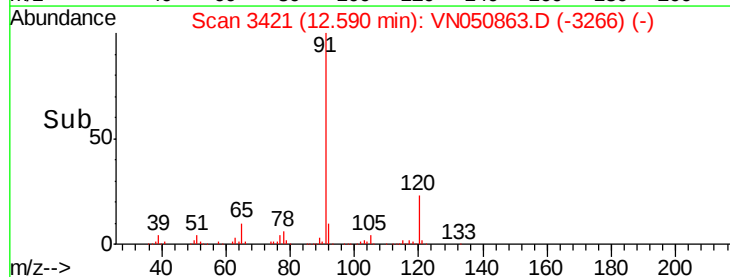
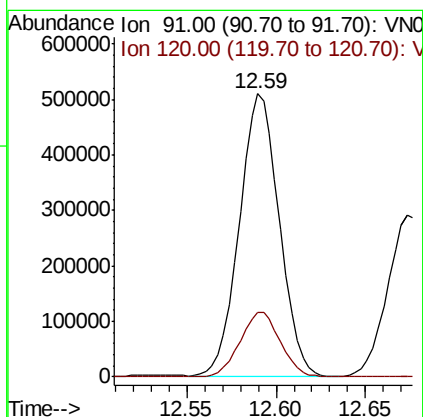
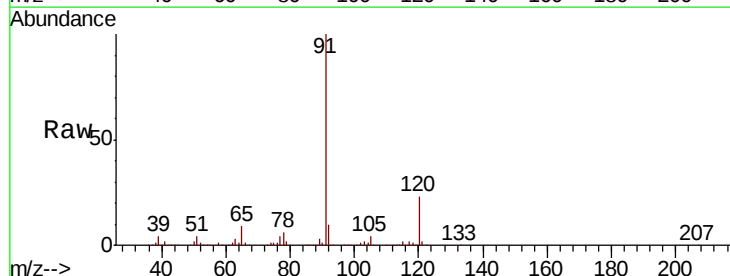
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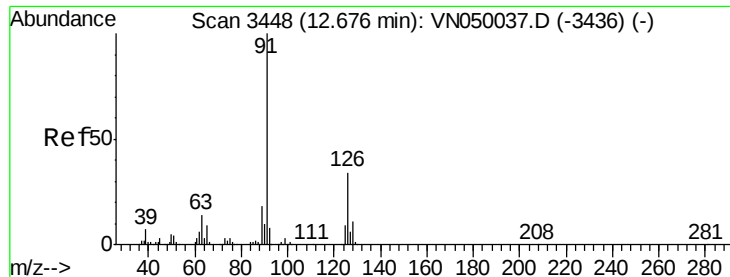
MMDadoda
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#74
n-propylbenzene
Concen: 22.127 ug/l
RT: 12.59 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN050863.D
Acq: 24 Aug 2018 9:13

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	799629		
120	23.0	0.0	46.4	





#75

2-Chlorotoluene

Concen: 22.280 ug/l

RT: 12.67 min Scan# 3447

Delta R.T. -0.00 min

Lab File: VN050863.D

Acq: 24 Aug 2018 9:13

Instrument :

MSVOA_N

ClientSampleId :

VN0824WBS01

Tgt Ion: 91 Resp: 483603

Ion Ratio Lower Upper

91 100

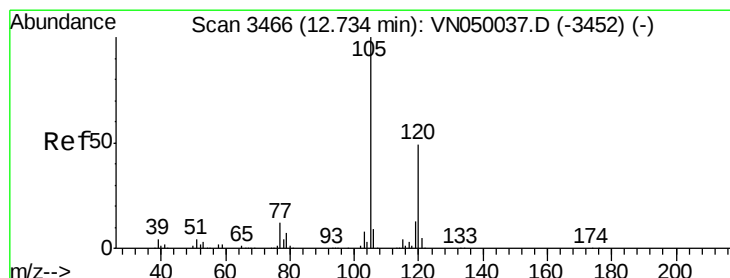
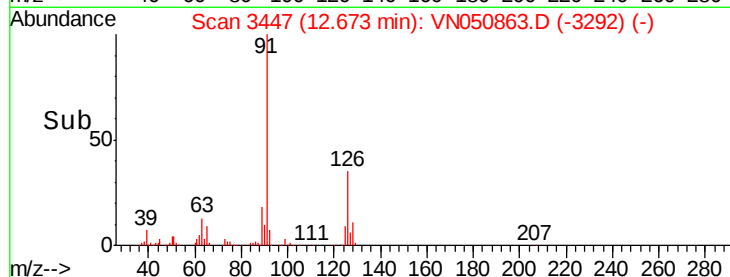
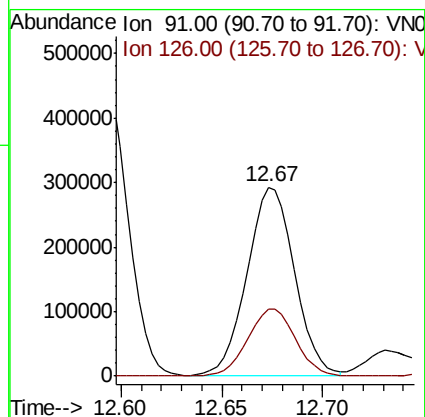
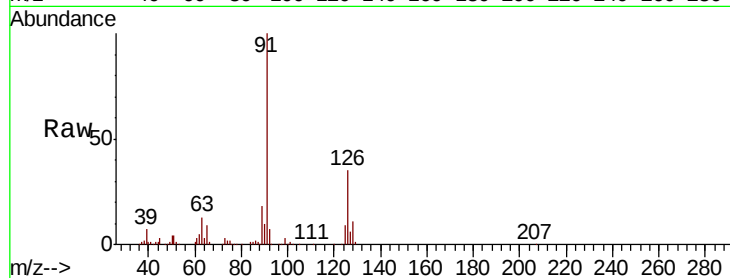
126 35.7 0.0 68.6

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#76

1,3,5-Trimethylbenzene

Concen: 22.835 ug/l

RT: 12.73 min Scan# 3465

Delta R.T. -0.00 min

Lab File: VN050863.D

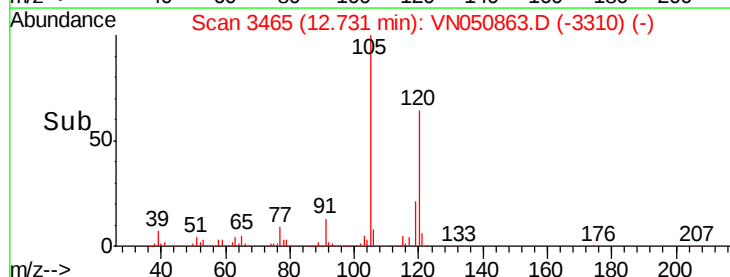
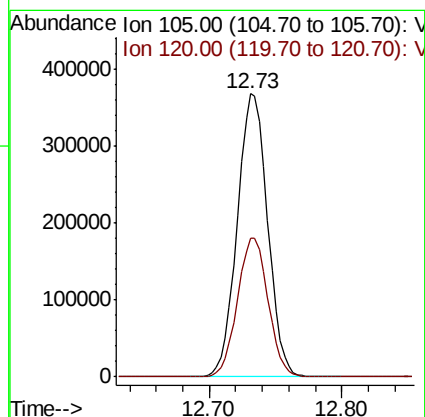
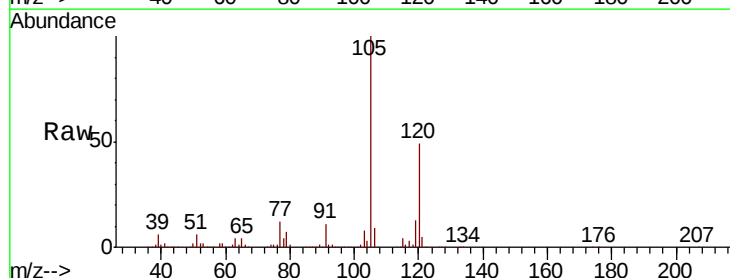
Acq: 24 Aug 2018 9:13

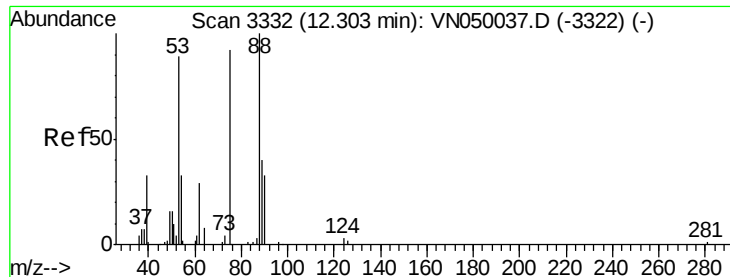
Tgt Ion: 105 Resp: 581954

Ion Ratio Lower Upper

105 100

120 49.6 0.0 98.0





#77

t-1,4-Dichloro-2-butene

Concen: 17.117 ug/l

RT: 12.30 min Scan# 3331

Delta R.T. -0.00 min

Lab File: VN050863.D

Acq: 24 Aug 2018 9:13

Instrument :

MSVOA_N

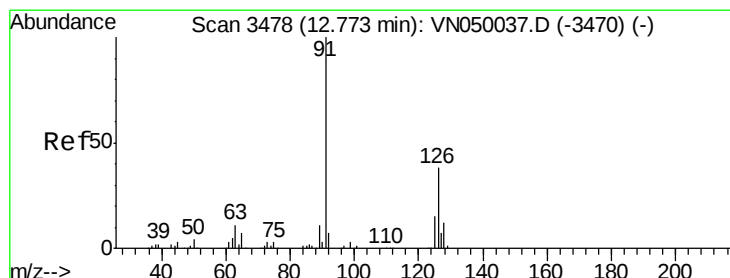
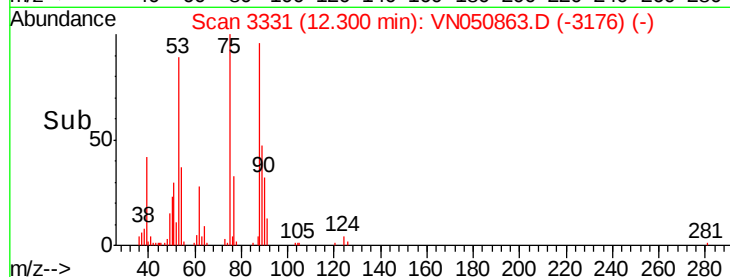
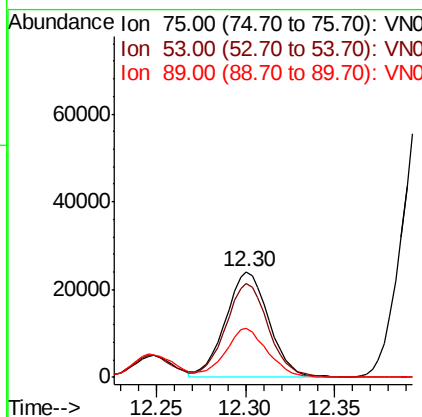
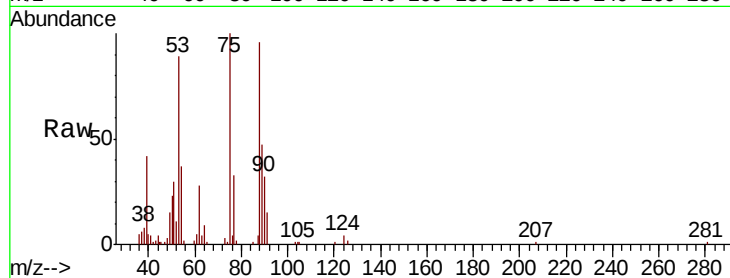
ClientSampleId :

VN0824WBS01

Tgt Ion:	75	Resp:	40719
Ion	Ratio	Lower	Upper
75	100		
53	88.1	44.6	134.0
89	46.7	20.7	62.1

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#78

4-Chlorotoluene

Concen: 22.123 ug/l

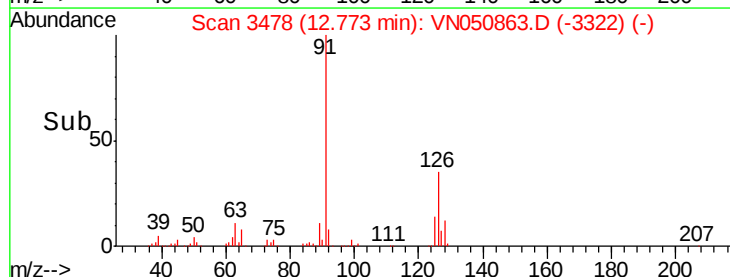
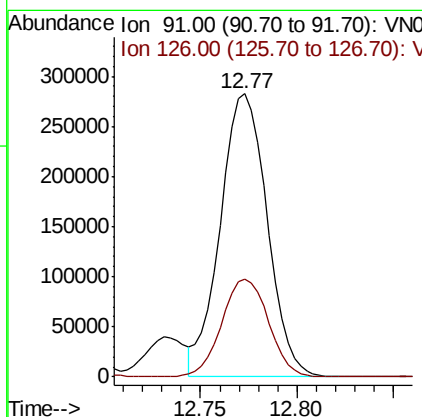
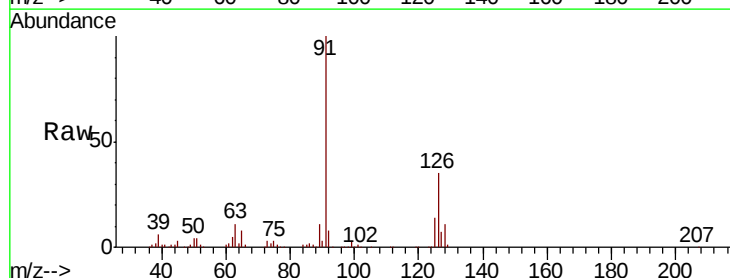
RT: 12.77 min Scan# 3478

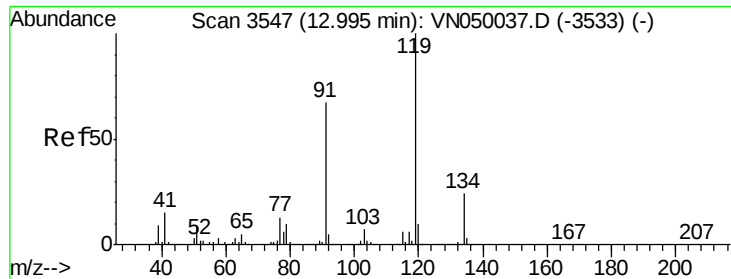
Delta R.T. -0.00 min

Lab File: VN050863.D

Acq: 24 Aug 2018 9:13

Tgt Ion:	91	Resp:	475851
Ion	Ratio	Lower	Upper
91	100		
126	34.7	0.0	68.4





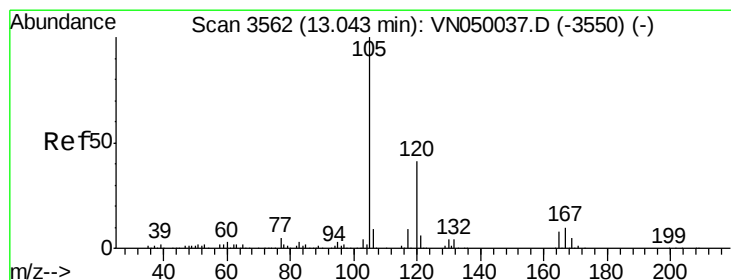
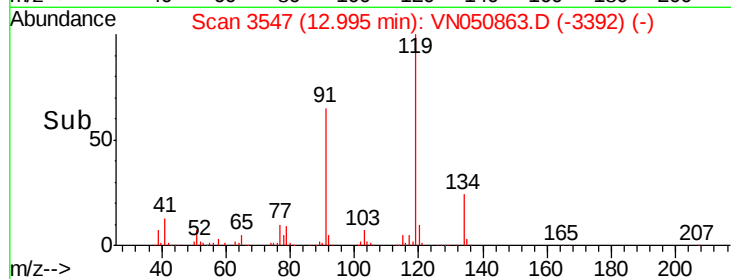
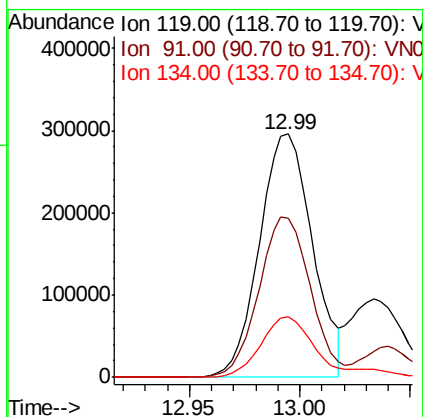
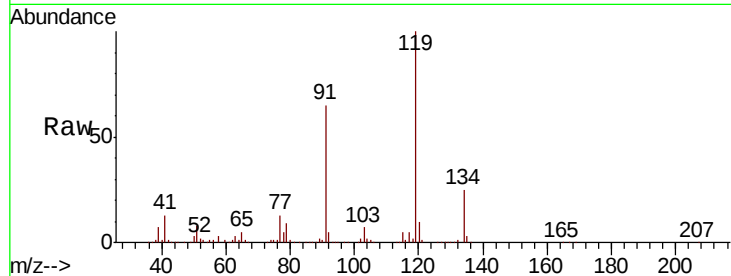
#79
tert-butylbenzene
Concen: 22.649 ug/l
RT: 12.99 min Scan# 3547
Delta R.T. -0.00 min
Lab File: VN050863.D
Acq: 24 Aug 2018 9:13

Instrument :
MSVOA_N
ClientSampleId :
VN0824WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	493496		
91	64.0	0.0	126.8	
134	24.2	0.0	47.4	

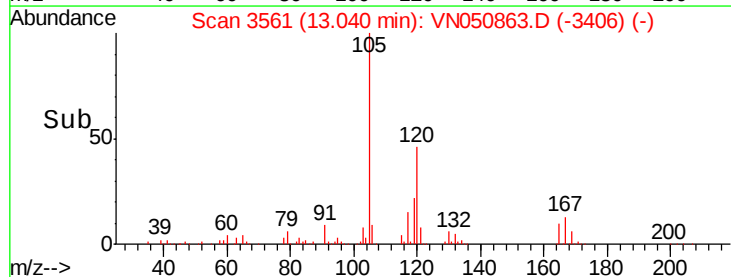
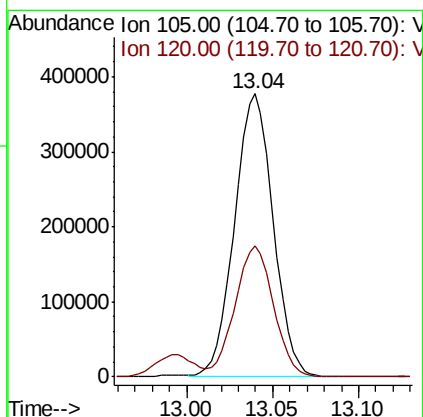
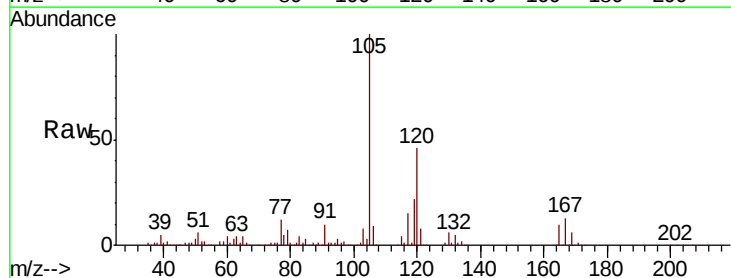
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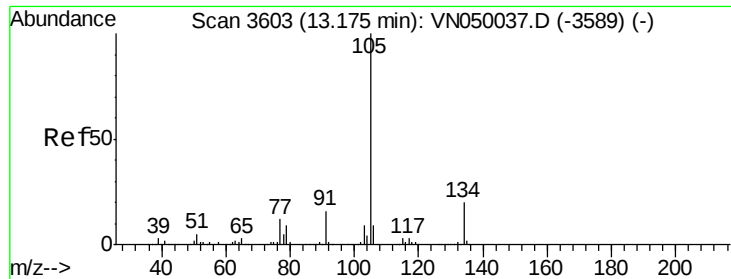
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#80
1,2,4-Trimethylbenzene
Concen: 22.751 ug/l
RT: 13.04 min Scan# 3561
Delta R.T. -0.00 min
Lab File: VN050863.D
Acq: 24 Aug 2018 9:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	587434		
120	46.2	0.0	90.6	





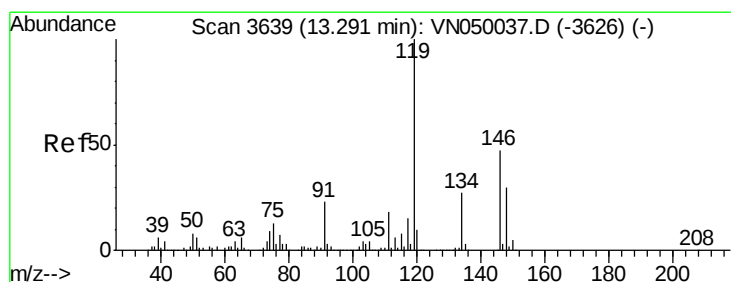
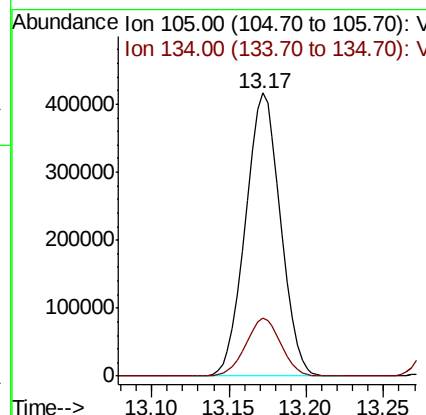
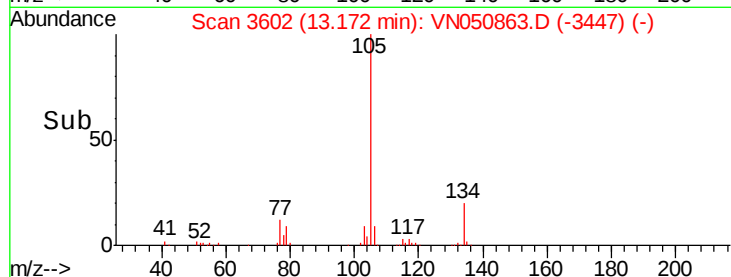
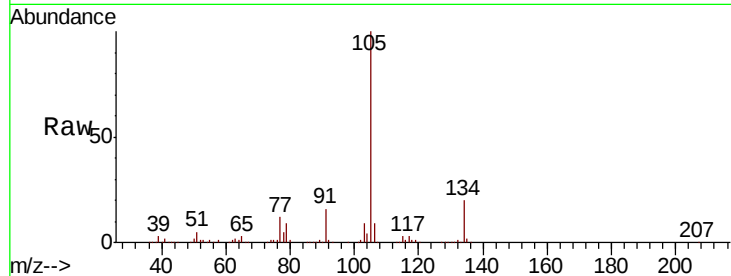
#81
 sec-Butylbenzene
 Concen: 22.117 ug/l
 RT: 13.17 min Scan# 3602
 Delta R.T. -0.00 min
 Lab File: VN050863.D
 Acq: 24 Aug 2018 9:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824WBS01

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.5	0.0	40.6

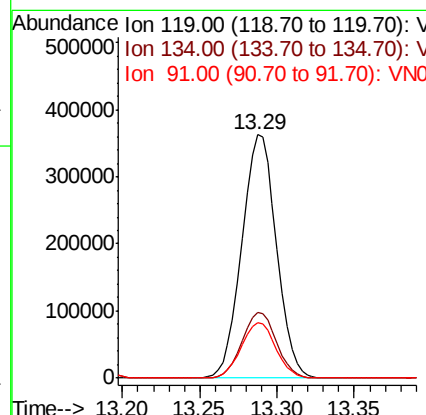
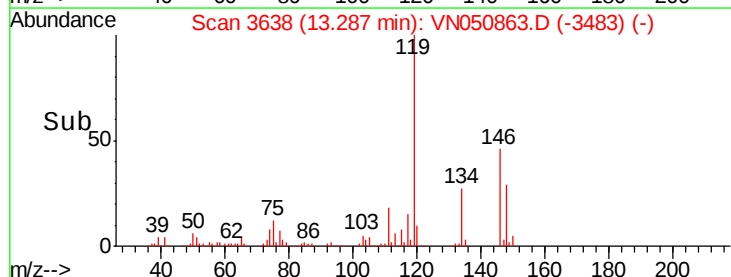
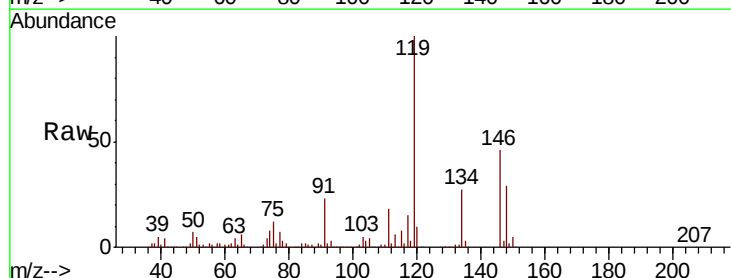
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#82
 p-Isopropyltoluene
 Concen: 22.292 ug/l
 RT: 13.29 min Scan# 3638
 Delta R.T. -0.00 min
 Lab File: VN050863.D
 Acq: 24 Aug 2018 9:13

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.9	0.0	52.2
91	22.8	0.0	45.6





#83

1,3-Dichlorobenzene

Concen: 21.121 ug/l

RT: 13.28 min Scan# 3636

Delta R.T. -0.00 min

Lab File: VN050863.D

Acq: 24 Aug 2018 9:13

Instrument :

MSVOA_N

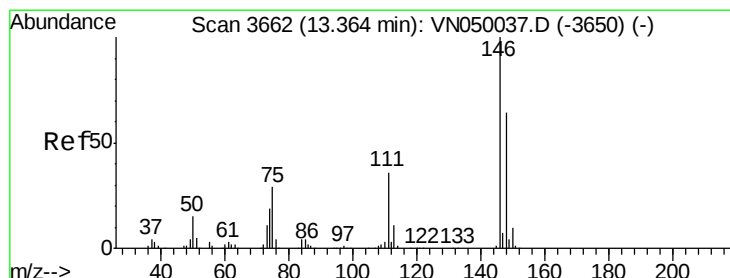
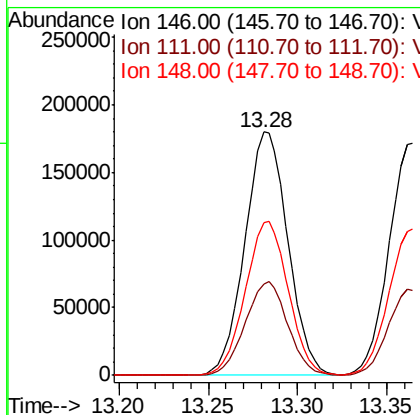
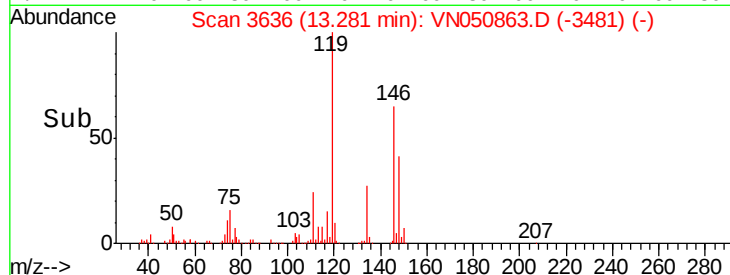
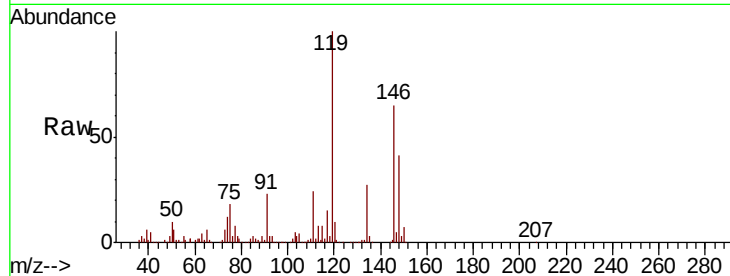
ClientSampleId :

VN0824WBS01

Tgt Ion:	146	Resp:	303989
Ion Ratio	Lower	Upper	
146	100		
111	38.0	19.1	57.1
148	62.9	31.9	95.9

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#84

1,4-Dichlorobenzene

Concen: 20.862 ug/l

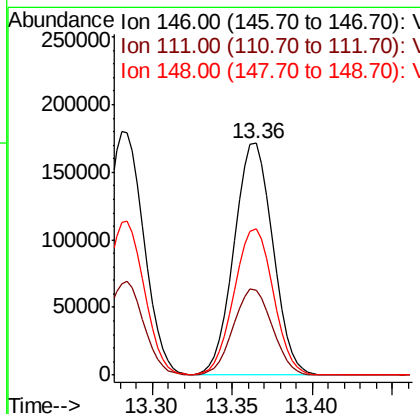
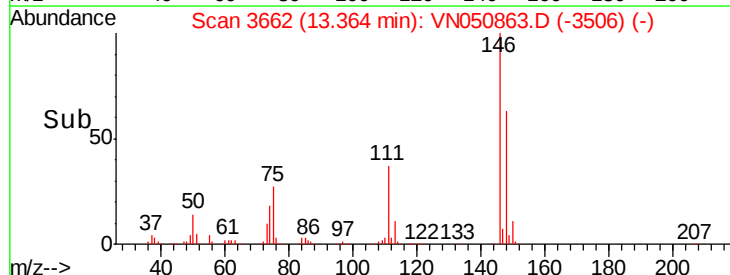
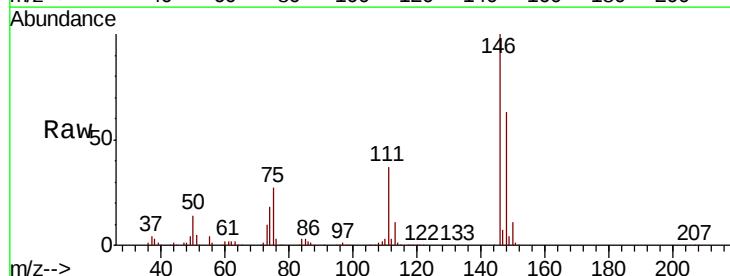
RT: 13.36 min Scan# 3662

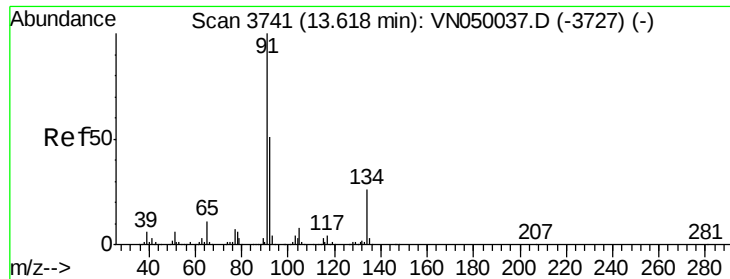
Delta R.T. -0.00 min

Lab File: VN050863.D

Acq: 24 Aug 2018 9:13

Tgt Ion:	146	Resp:	283742
Ion Ratio	Lower	Upper	
146	100		
111	37.2	17.9	53.8
148	63.8	32.4	97.0





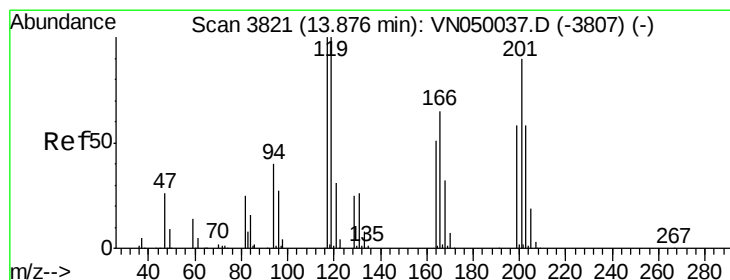
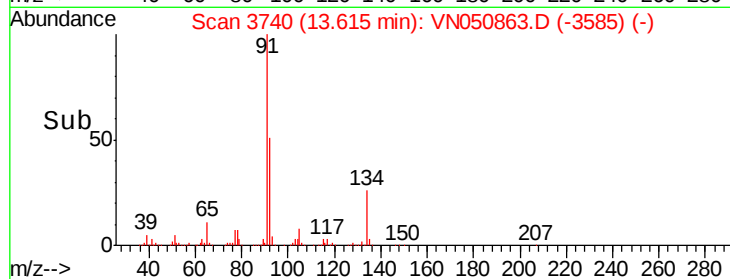
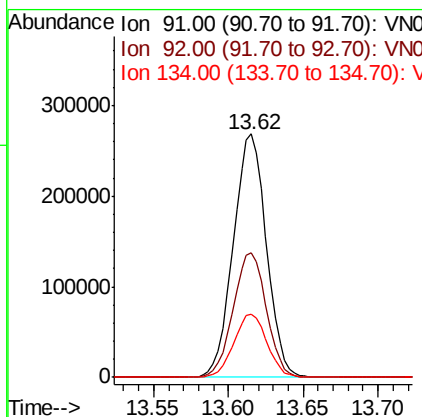
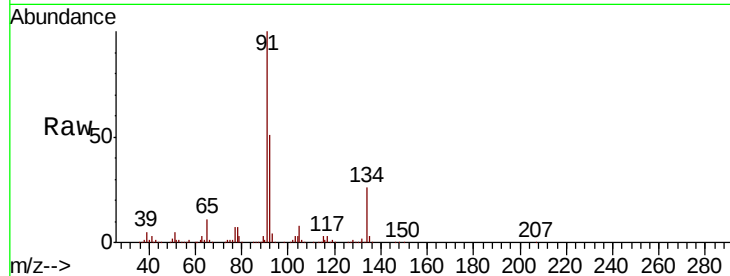
#85
n-Butylbenzene
Concen: 20.170 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. -0.00 min
Lab File: VN050863.D
Acq: 24 Aug 2018 9:13

Instrument :
MSVOA_N
ClientSampleId :
VN0824WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	413394		
92	51.3	0.0	102.8	
134	25.9	0.0	51.0	

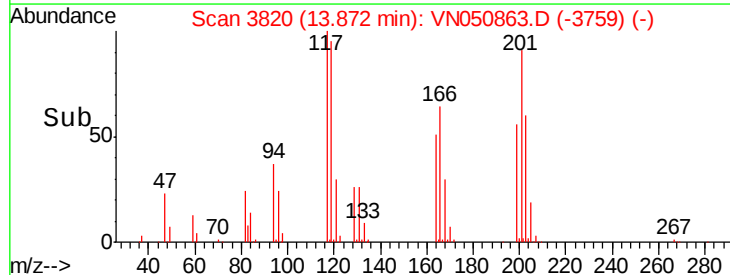
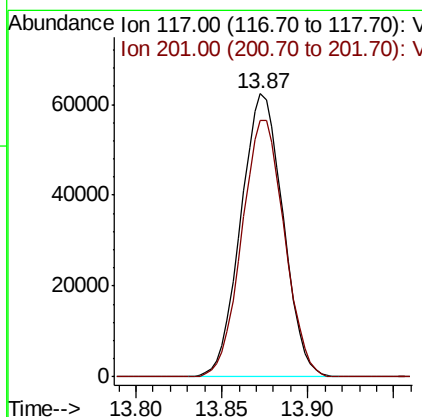
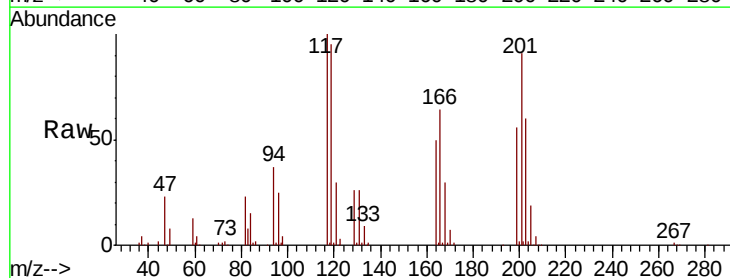
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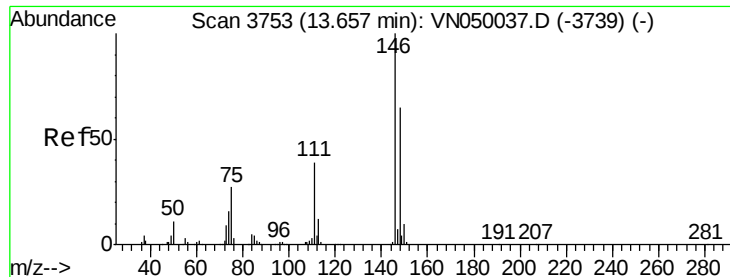
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#86
Hexachloroethane
Concen: 21.045 ug/l
RT: 13.87 min Scan# 3820
Delta R.T. -0.00 min
Lab File: VN050863.D
Acq: 24 Aug 2018 9:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	106211		
201	91.3	46.6	139.7	





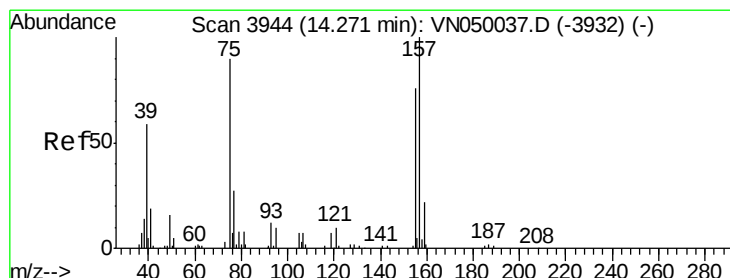
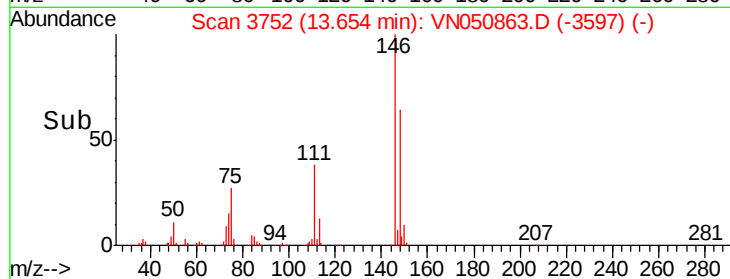
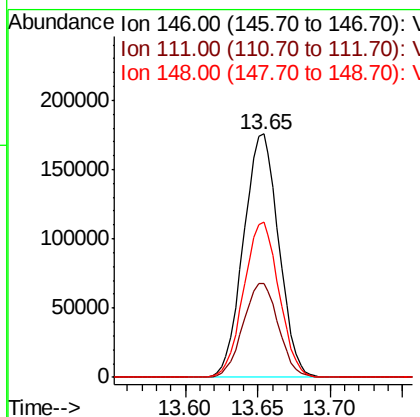
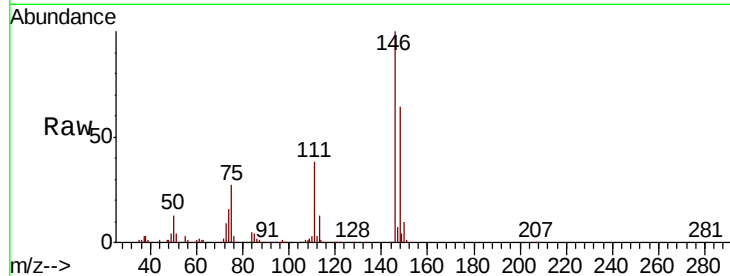
#87
 1,2-Dichlorobenzene
 Concen: 21.118 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. -0.00 min
 Lab File: VN050863.D
 Acq: 24 Aug 2018 9:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	297097		
111	38.6	19.8	59.3	
148	63.9	31.8	95.3	

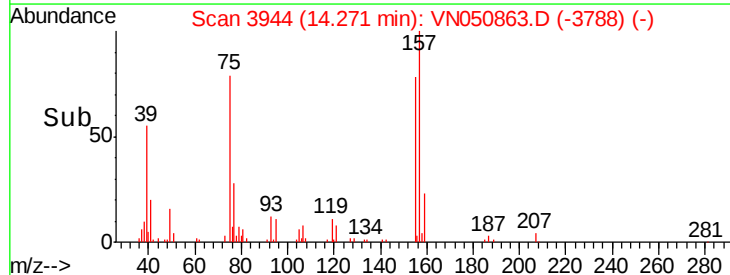
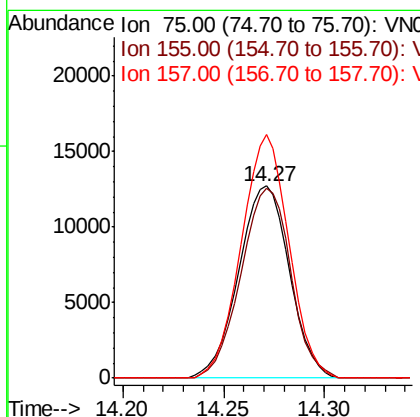
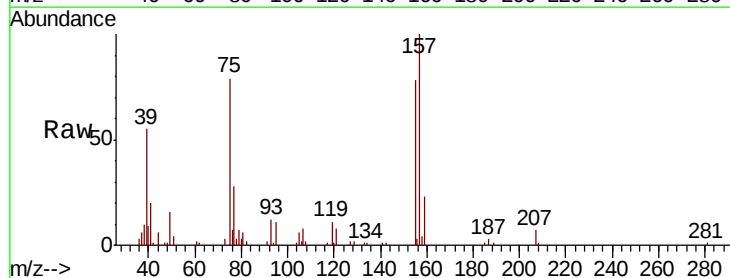
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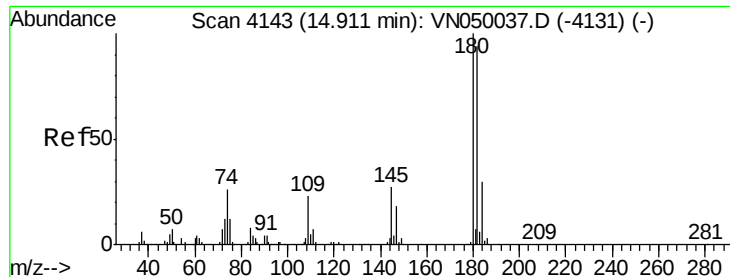
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 16.924 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. -0.00 min
 Lab File: VN050863.D
 Acq: 24 Aug 2018 9:13

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	22461		
155	96.7	73.0	109.6	
157	118.5	94.9	142.3	





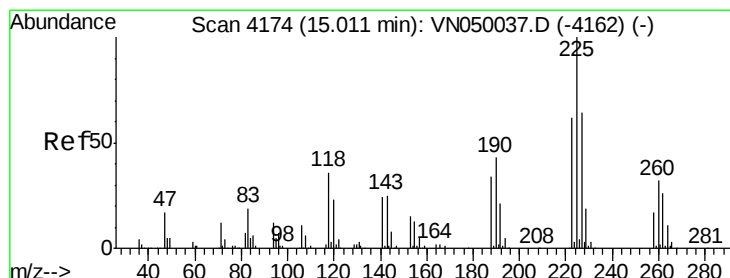
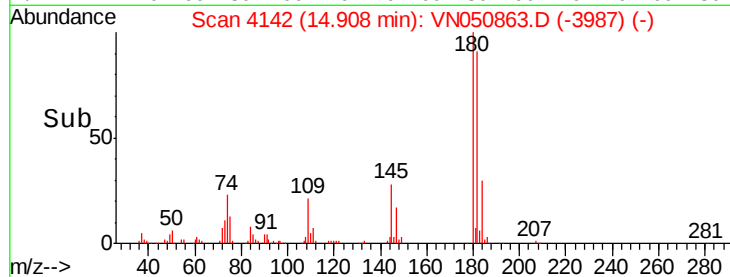
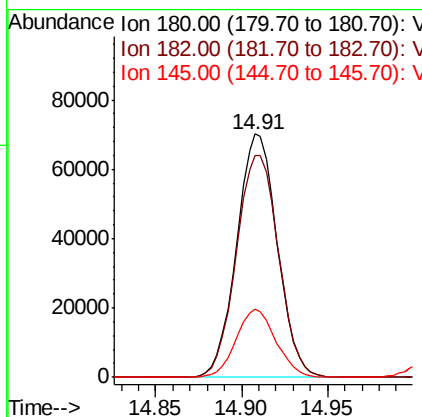
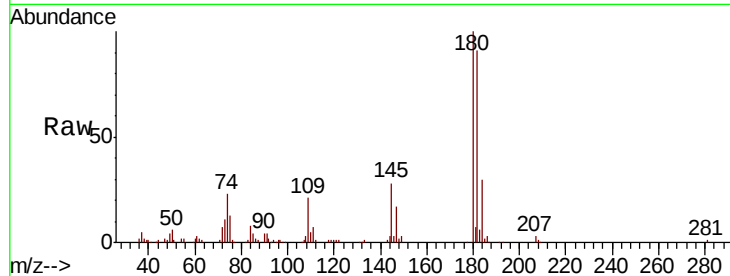
#89
 1,2,4-Trichlorobenzene
 Concen: 17.117 ug/l
 RT: 14.91 min Scan# 4142
 Delta R.T. -0.00 min
 Lab File: VN050863.D
 Acq: 24 Aug 2018 9:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	115018		
182	94.9	76.7	115.1	
145	27.6	23.4	35.0	

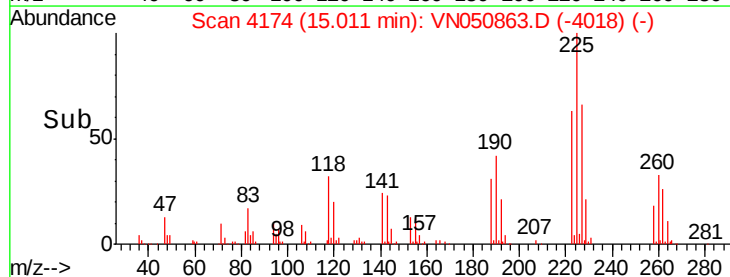
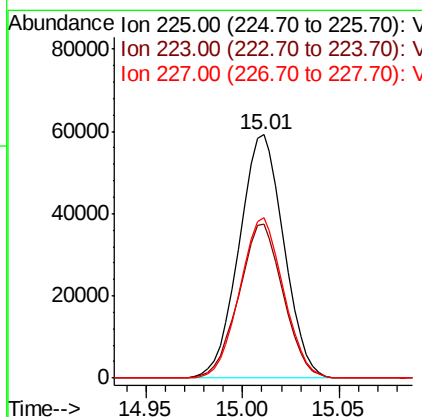
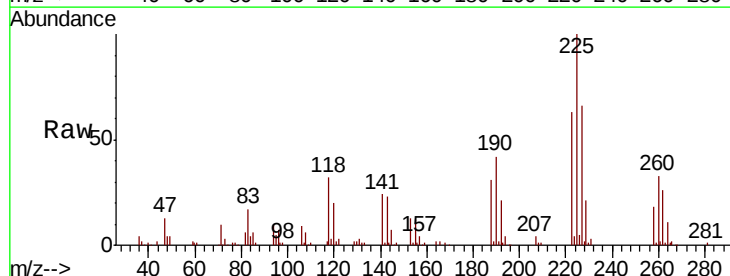
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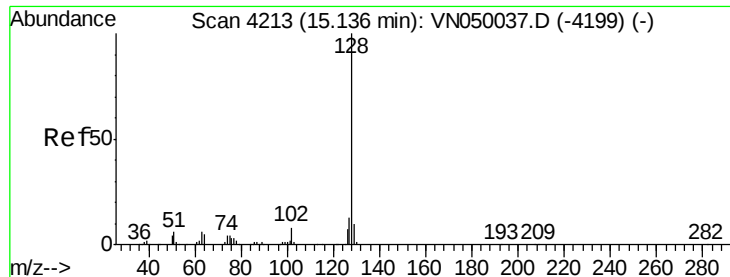
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#90
 Hexachlorobutadiene
 Concen: 21.553 ug/l
 RT: 15.01 min Scan# 4174
 Delta R.T. 0.00 min
 Lab File: VN050863.D
 Acq: 24 Aug 2018 9:13

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	95486		
223	62.8	0.0	124.4	
227	64.5	0.0	133.0	





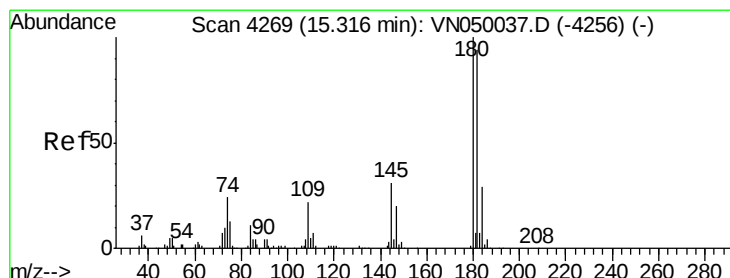
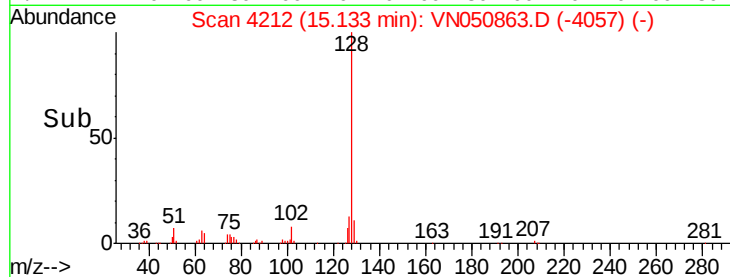
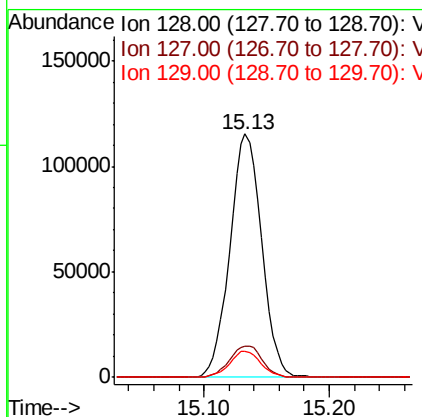
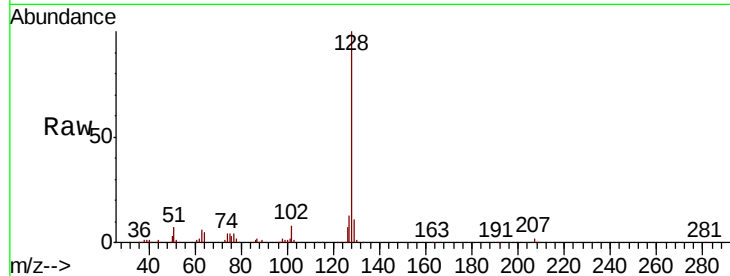
#91
Naphthalene
Concen: 17.281 ug/l
RT: 15.13 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN050863.D
Acq: 24 Aug 2018 9:13

Instrument :
MSVOA_N
ClientSampleId :
VN0824WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	203046		
127	13.4	10.2	15.4	
129	10.5	9.0	13.4	

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#92
1,2,3-Trichlorobenzene
Concen: 17.247 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. -0.00 min
Lab File: VN050863.D
Acq: 24 Aug 2018 9:13

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	117865		
182	97.2	0.0	188.8	
145	29.8	0.0	60.8	

