

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070419\
 Data File : VN056598.D
 Acq On : 3 Jul 2019 20:34
 Operator : JC/SP
 Sample : VN0704WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0704WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/8/2019 10:08:16 AM

Quant Time: Jul 03 23:36:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	278051	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	436252	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	382099	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	165391	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	159149	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
35) Dibromofluoromethane	7.59	113	139647	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
50) Toluene-d8	10.09	98	514479	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
62) 4-Bromofluorobenzene	12.40	95	175763	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.85	85	42507	18.054	ug/l	100
3) Chloromethane	2.06	50	57012	17.784	ug/l	98
4) Vinyl Chloride	2.18	62	56835	18.356	ug/l	95
5) Bromomethane	2.53	94	34937m	19.247	ug/l	
6) Chloroethane	2.68	64	31517	17.577	ug/l	99
7) Trichlorofluoromethane	3.00	101	75604	18.876	ug/l	100
8) Diethyl Ether	3.41	74	32580	19.220	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.75	101	48520	18.996	ug/l	99
10) Methyl Iodide	3.95	142	59961	17.369	ug/l	99
11) Tert butyl alcohol	4.80	59	62012	119.476	ug/l	97
12) 1,1-Dichloroethene	3.73	96	44792	18.236	ug/l	96
13) Acrolein	3.61	56	23208	53.053	ug/l	99
14) Allyl chloride	4.32	41	79909	19.543	ug/l	98
15) Acrylonitrile	4.99	53	153795	107.107	ug/l	98
16) Acetone	3.82	43	124674	80.750	ug/l	98
17) Carbon Disulfide	4.05	76	84722	15.165	ug/l	97
18) Methyl Acetate	4.33	43	70147	22.724	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	165898	20.412	ug/l	99
20) Methylene Chloride	4.55	84	58002	19.383	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	49326	18.626	ug/l	98
22) Diisopropyl ether	5.96	45	182432	21.245	ug/l	96
23) Vinyl Acetate	5.90	43	719955	106.301	ug/l	100
24) 1,1-Dichloroethane	5.85	63	101006	20.491	ug/l	99
25) 2-Butanone	6.84	43	204691	100.170	ug/l	99
26) 2,2-Dichloropropane	6.82	77	61235	17.862	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	60820	19.630	ug/l	98
28) Bromochloromethane	7.20	49	49837	20.441	ug/l	97
29) Tetrahydrofuran	7.21	42	138314	110.762	ug/l	99
30) Chloroform	7.37	83	99514	20.460	ug/l	98
31) Cyclohexane	7.66	56	86602	18.199	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	77682	20.149	ug/l	97
36) 1,1-Dichloropropene	7.79	75	68863	17.934	ug/l	99
37) Ethyl Acetate	6.93	43	82437	21.846	ug/l	98
38) Carbon Tetrachloride	7.77	117	62202	18.524	ug/l	100

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

39) Methylcyclohexane	9.08	83	79429	16.764	ug/l	96
40) Benzene	8.04	78	224920	19.043	ug/l	99
41) Methacrylonitrile	7.18	41	34347m	20.613	ug/l	
42) 1,2-Dichloroethane	8.13	62	76809	19.705	ug/l	100
43) Isopropyl Acetate	8.17	43	125267	21.528	ug/l #	92
44) Trichloroethene	8.84	130	57850	18.182	ug/l	98
45) 1,2-Dichloropropane	9.12	63	62426	19.763	ug/l	100
46) Dibromomethane	9.21	93	38344	19.403	ug/l	100
47) Bromodichloromethane	9.40	83	68315	19.491	ug/l	98
48) Methyl methacrylate	9.20	41	61741	21.174	ug/l	98
49) 1,4-Dioxane	9.21	88	26629	440.072	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	414063	110.252	ug/l	100
52) Toluene	10.16	92	137547	19.048	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	70417	19.143	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	82193	19.473	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	58602	20.190	ug/l	98
56) Ethyl methacrylate	10.43	69	88052	20.758	ug/l	98
57) 1,3-Dichloropropane	10.71	76	98208	20.140	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	220571	144.740	ug/l	100
59) 2-Hexanone	10.75	43	296412	107.387	ug/l	99
60) Dibromochloromethane	10.90	129	53672	19.515	ug/l	100
61) 1,2-Dibromoethane	11.01	107	58271	19.656	ug/l	100
64) Tetrachloroethene	10.63	164	52869	17.472	ug/l	98
65) Chlorobenzene	11.43	112	146544	19.087	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	53103	20.464	ug/l	98
67) Ethyl Benzene	11.51	91	256515	19.028	ug/l	99
68) m/p-Xylenes	11.62	106	191569	38.775	ug/l	99
69) o-Xylene	11.95	106	95752	19.590	ug/l	98
70) Styrene	11.96	104	155433	19.895	ug/l	98
71) Bromoform	12.13	173	36159	19.330	ug/l #	100
73) Isopropylbenzene	12.25	105	251865	18.586	ug/l	99
74) N-amyl acetate	12.07	43	99271	18.859	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	85784	20.491	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	75130m	21.908	ug/l	
77) Bromobenzene	12.53	156	64571	17.460	ug/l	95
78) n-propylbenzene	12.59	91	273433	18.053	ug/l	99
79) 2-Chlorotoluene	12.67	91	168347	18.686	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	208249	18.588	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	18795	19.479	ug/l	95
82) 4-Chlorotoluene	12.77	91	163265	18.257	ug/l	99
83) tert-Butylbenzene	12.99	119	180630	18.158	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	203432	18.271	ug/l	99
85) sec-Butylbenzene	13.17	105	234839	17.641	ug/l	100
86) p-Isopropyltoluene	13.29	119	211901	18.548	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	103933	18.545	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	100824	18.576	ug/l	99
89) n-Butylbenzene	13.61	91	163323	18.884	ug/l	99
90) Hexachloroethane	13.87	117	29463	16.542	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	108208	19.461	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	13893	22.702	ug/l	95

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QLast Update : Fri Jun 21 03:45:40 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	49484	20.785	ug/l	100
94) Hexachlorobutadiene	15.01	225	34843	17.261	ug/l	99
95) Naphthalene	15.13	128	141859	22.024	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	54204	20.928	ug/l	98

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

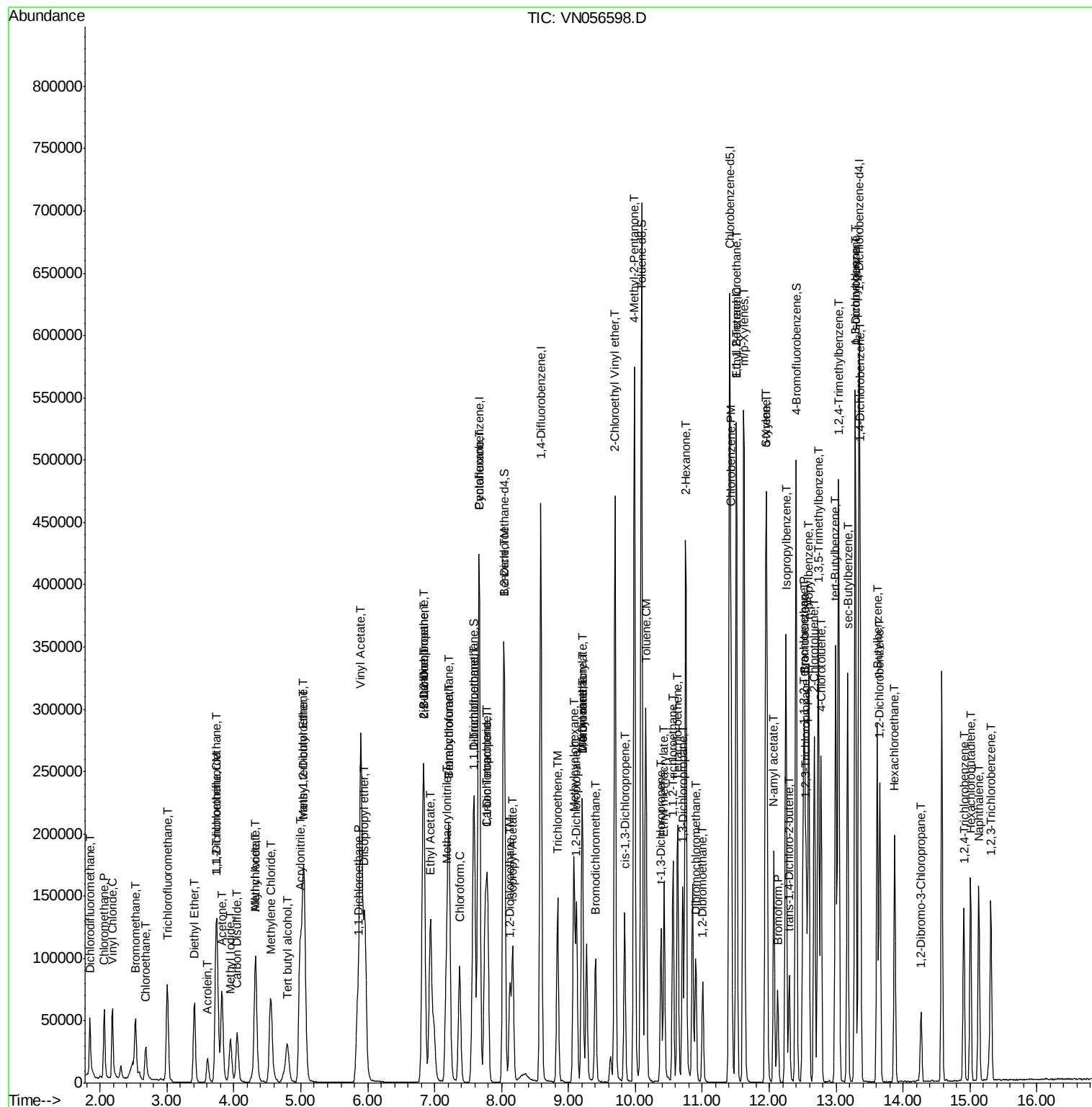
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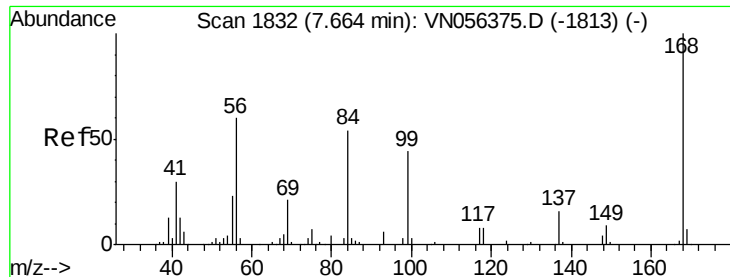
Instrument :
MSVOA_N
Client Sample Id :
VN0704WBSD01

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056598.D

Acq: 3 Jul 2019 20:34

Instrument :

MSVOA_N

ClientSampled :

VN0704WBSD01

Tot Ion:168 Resp: 278051

Ion Ratio Lower Upper

168 100

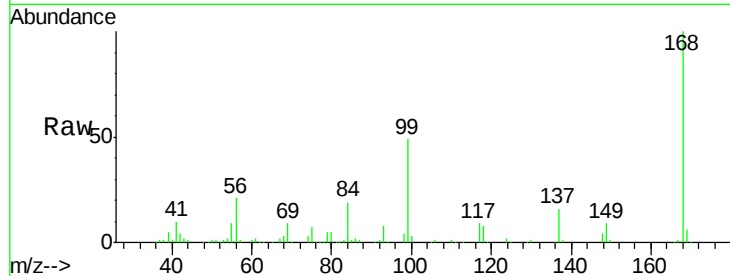
99 49.0 40.6 61.0

Manual Integrations

APPROVED

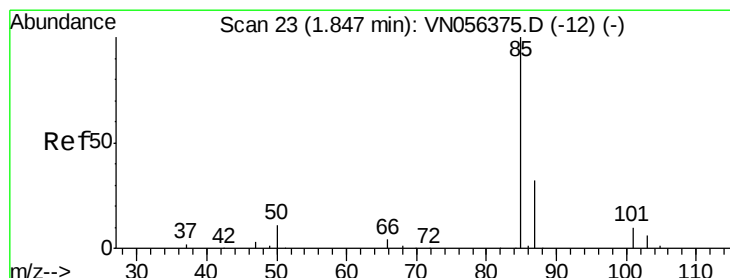
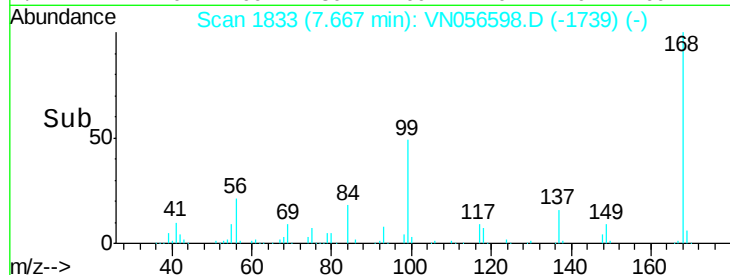
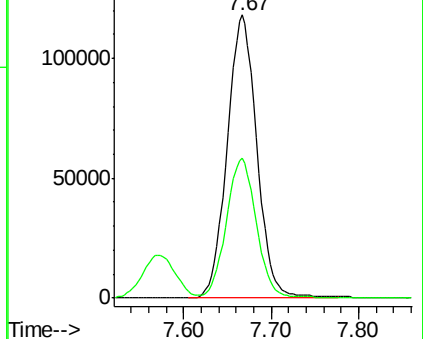
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 18.054 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056598.D

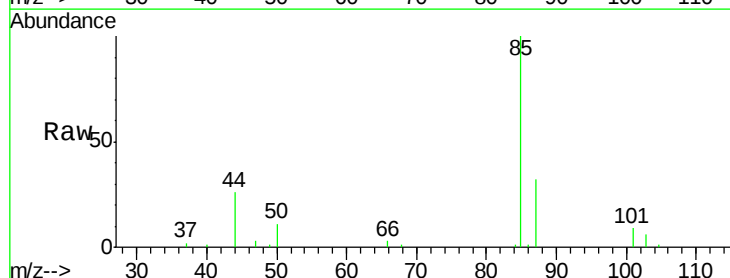
Acq: 3 Jul 2019 20:34

Tgt Ion: 85 Resp: 42507

Ion Ratio Lower Upper

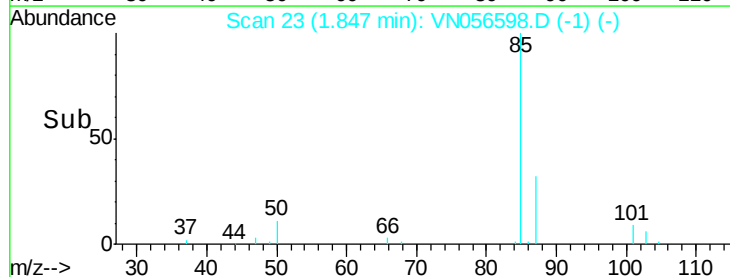
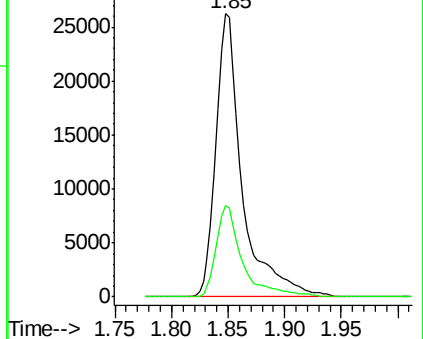
85 100

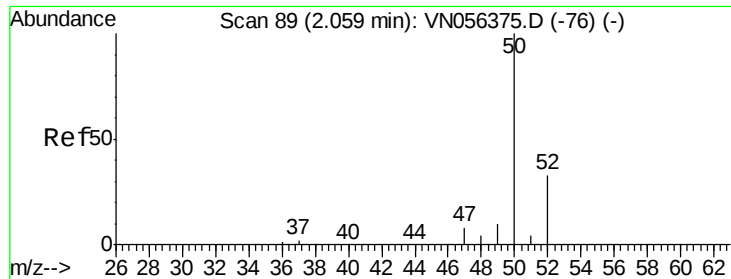
87 32.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 17.784 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN056598.D

Acq: 3 Jul 2019 20:34

Instrument :

MSVOA_N

ClientSampled :

VN0704WBSD01

Tot Ion: 50 Resp: 57012

Ion Ratio Lower Upper

50 100

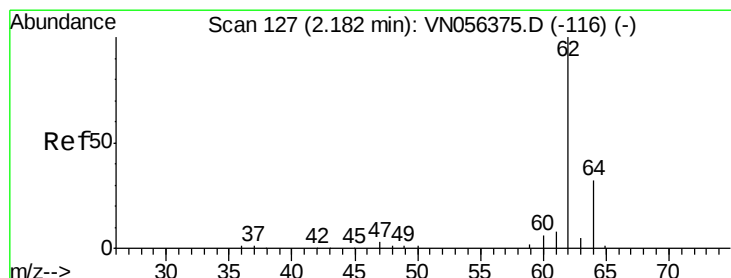
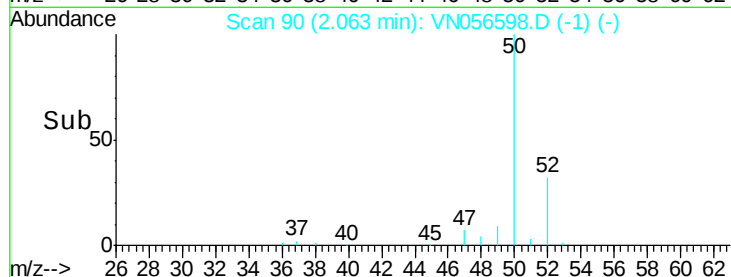
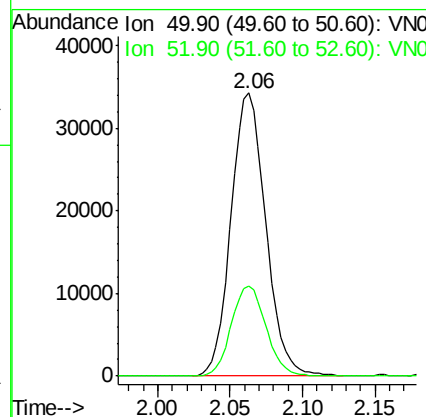
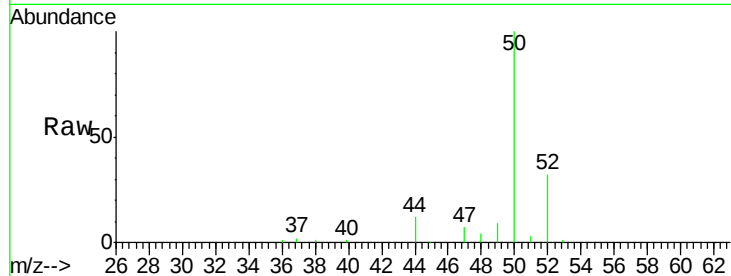
52 31.8 26.5 39.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.356 ug/l

RT: 2.18 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN056598.D

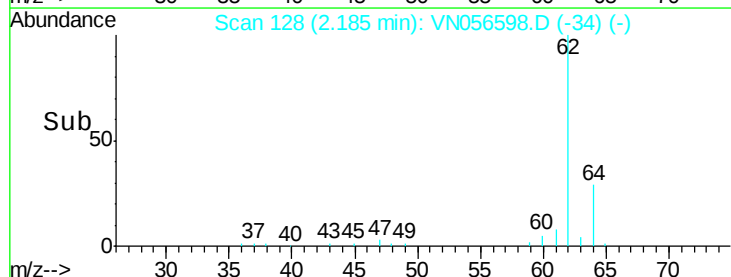
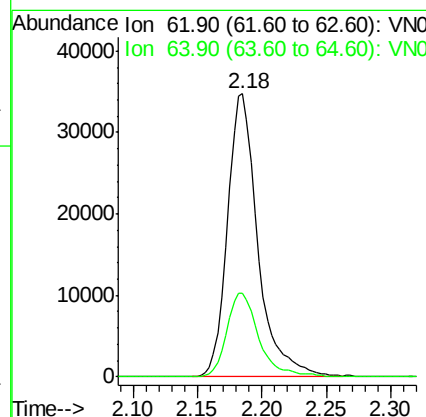
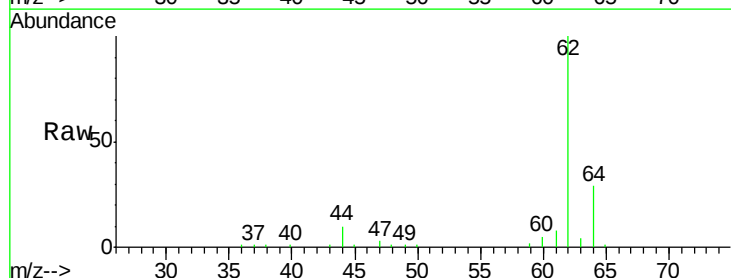
Acq: 3 Jul 2019 20:34

Tgt Ion: 62 Resp: 56835

Ion Ratio Lower Upper

62 100

64 29.5 25.7 38.5





#5

Bromomethane

Concen: 19.247 ug/l m

RT: 2.53 min Scan# 235

Delta R.T. 0.01 min

Lab File: VN056598.D

Acq: 3 Jul 2019 20:34

Instrument :

MSVOA_N

ClientSampleId :

VN0704WBSD01

Tot Ion: 94 Resp: 34937

Ion Ratio Lower Upper

94 100

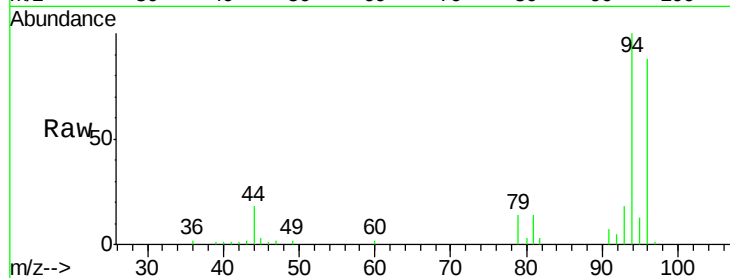
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Manual Integrations

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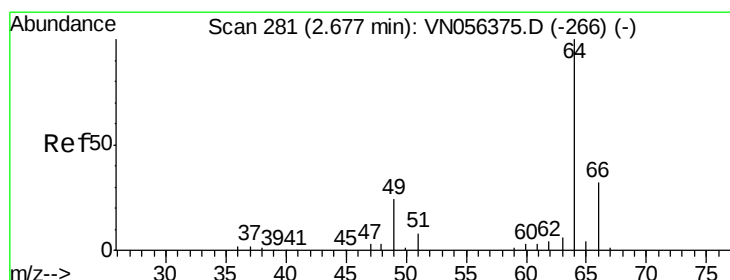
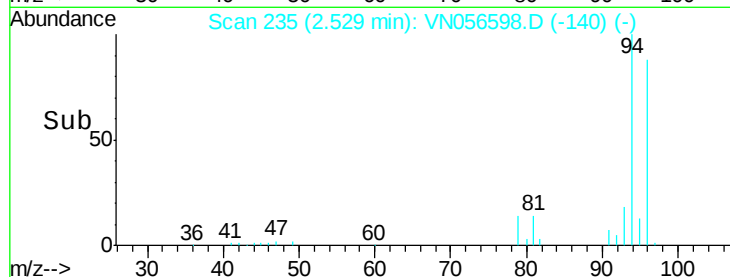
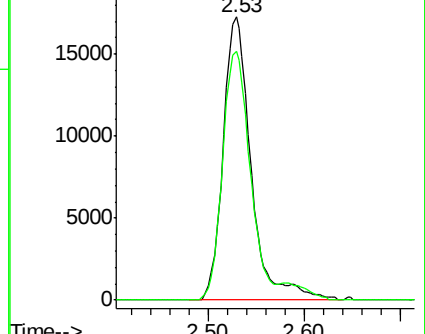
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 17.577 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.01 min

Lab File: VN056598.D

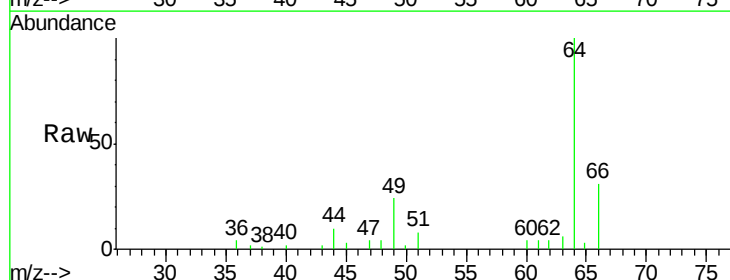
Acq: 3 Jul 2019 20:34

Tgt Ion: 64 Resp: 31517

Ion Ratio Lower Upper

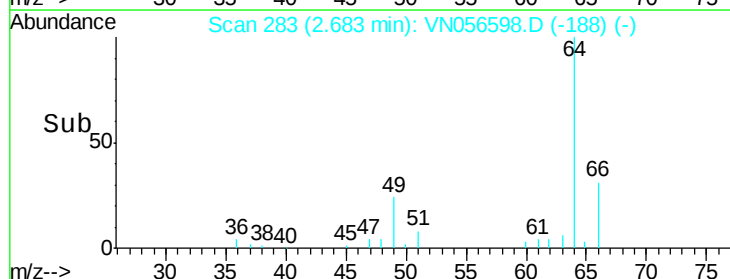
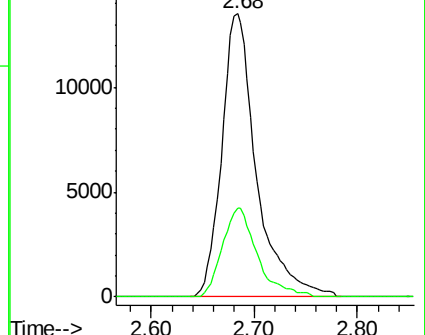
64 100

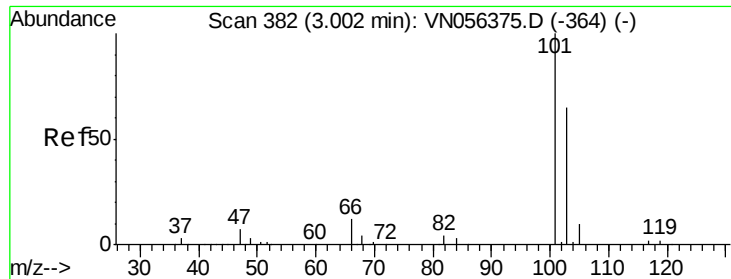
66 31.5 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

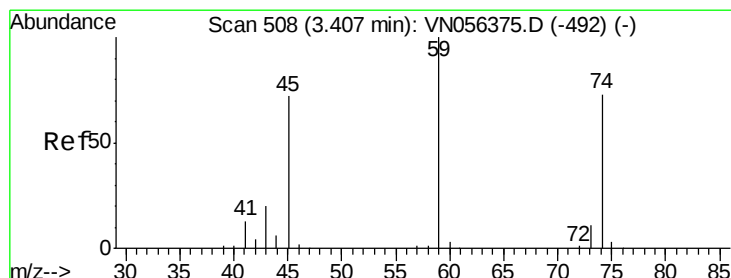
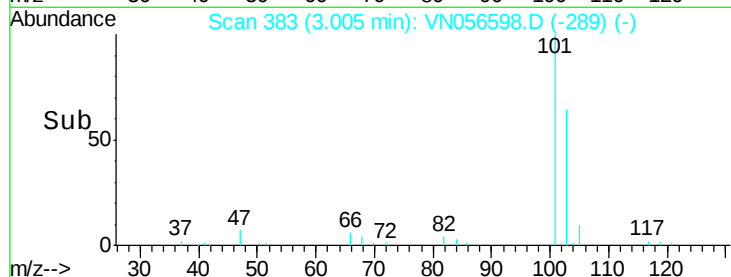
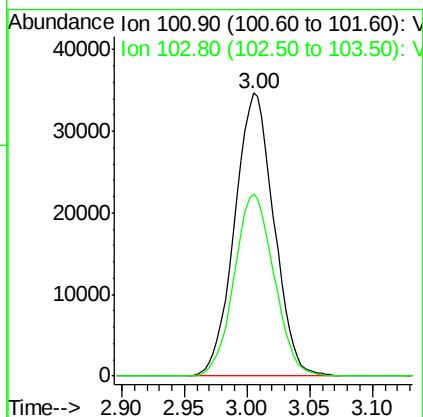
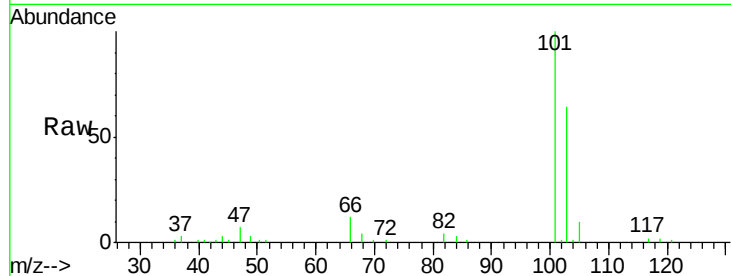
Trichlorofluoromethane
Concen: 18.876 ug/l
RT: 3.00 min Scan# 383
Delta R.T. 0.00 min
Lab File: VN056598.D
Acq: 3 Jul 2019 20:34

Instrument :
MSVOA_N
ClientSampleId :
VN0704WBSD01

Tot Ion:101 Resp: 75604
Ion Ratio Lower Upper
101 100
103 64.4 51.7 77.5

Manual Integrations
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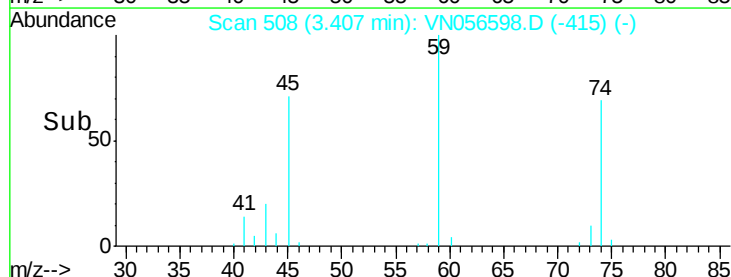
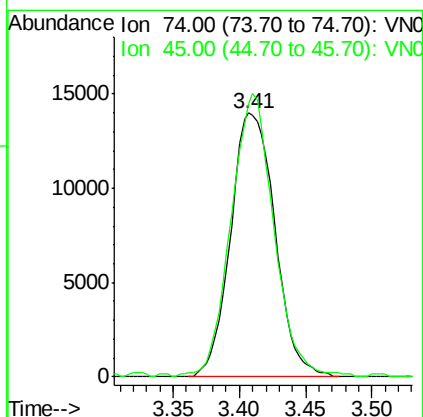
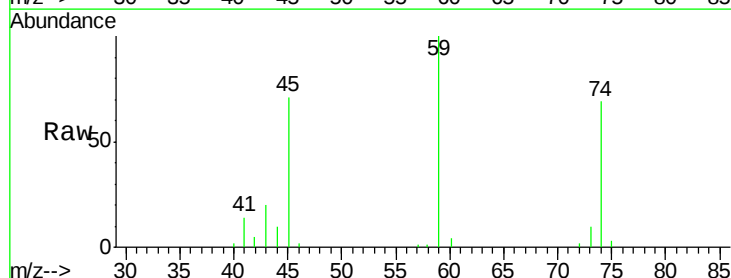
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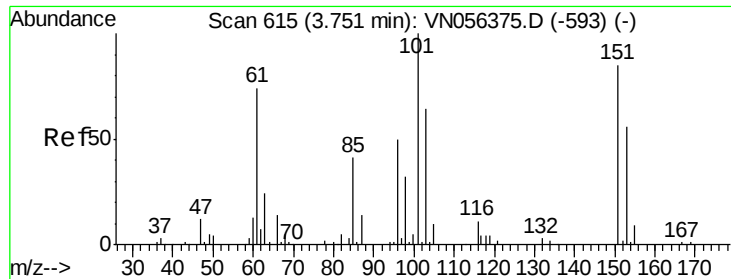


#8

Diethyl Ether
Concen: 19.220 ug/l
RT: 3.41 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN056598.D
Acq: 3 Jul 2019 20:34

Tgt Ion: 74 Resp: 32580
Ion Ratio Lower Upper
74 100
45 103.9 48.9 146.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.996 ug/l

RT: 3.75 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN056598.D

Acq: 3 Jul 2019 20:34

Instrument :

MSVOA_N

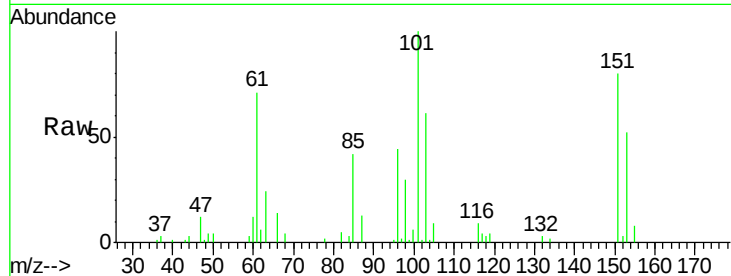
ClientSampleId :

VN0704WBSD01

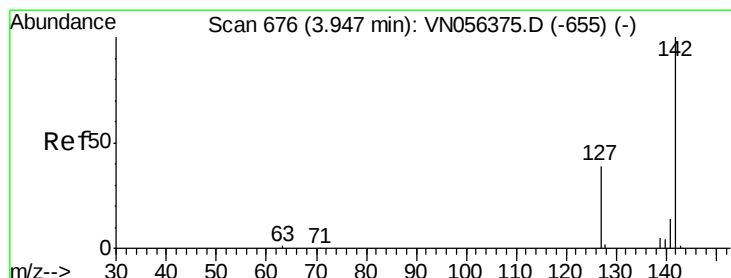
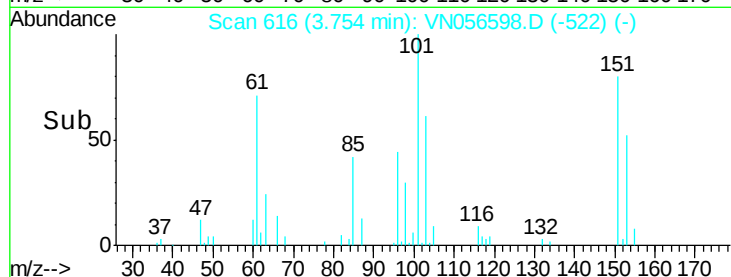
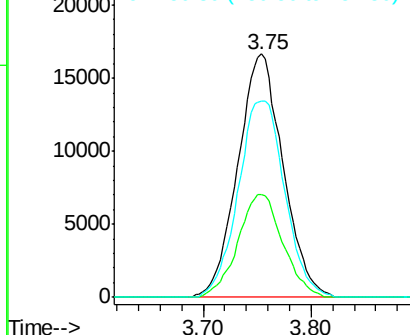
Tot Ion:	101	Resp:	48520
Ion Ratio	Lower	Upper	
101	100		
85	41.9	32.7	49.1
151	83.2	66.8	100.2

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VN
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.369 ug/l

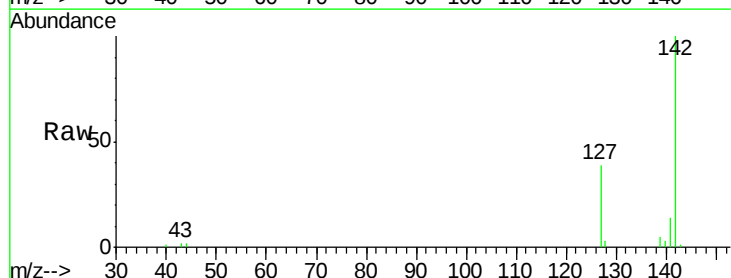
RT: 3.95 min Scan# 677

Delta R.T. 0.00 min

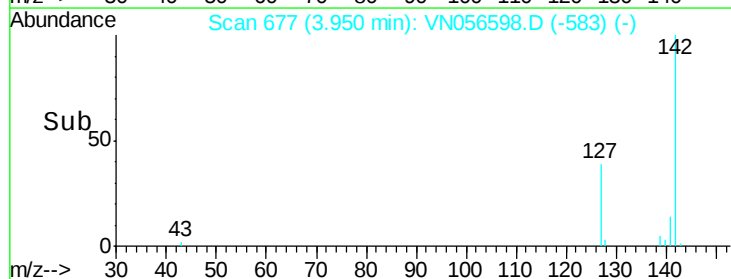
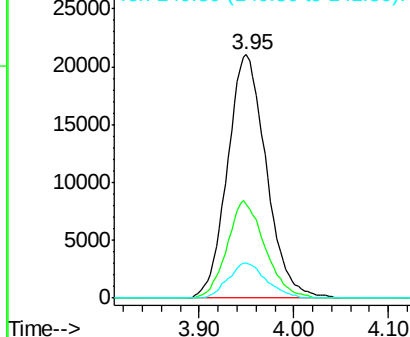
Lab File: VN056598.D

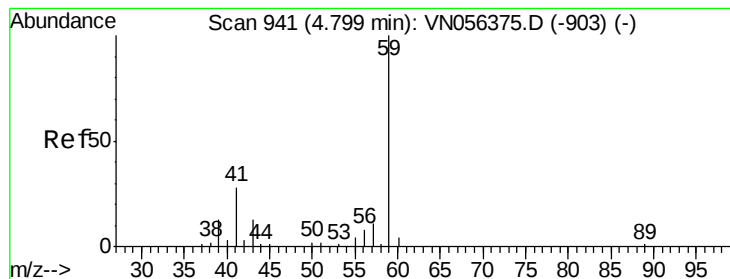
Acq: 3 Jul 2019 20:34

Tgt Ion:	142	Resp:	59961
Ion Ratio	Lower	Upper	
142	100		
127	38.9	30.6	46.0
141	14.0	11.4	17.2



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

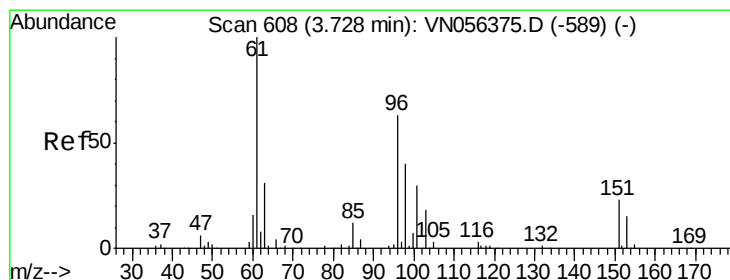
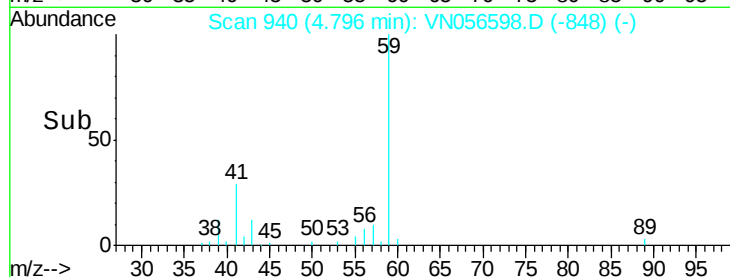
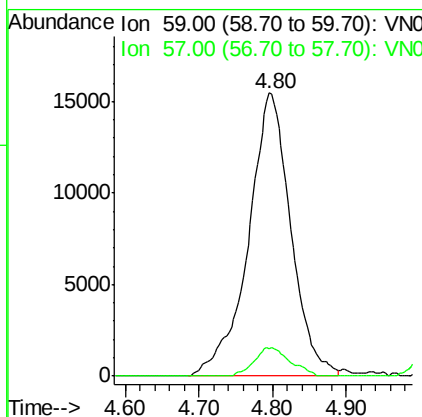
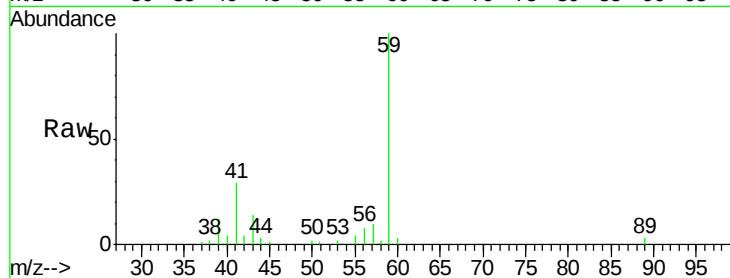
Tert butyl alcohol
Concen: 119.476 ug/l
RT: 4.80 min Scan# 940
Delta R.T. -0.00 min
Lab File: VN056598.D
Acq: 3 Jul 2019 20:34

Instrument :
MSVOA_N
ClientSampled :
VN0704WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.5	7.6	11.4

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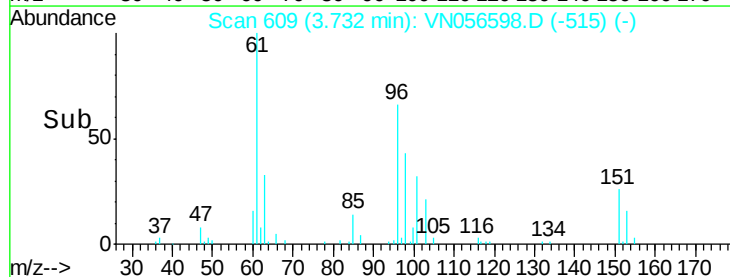
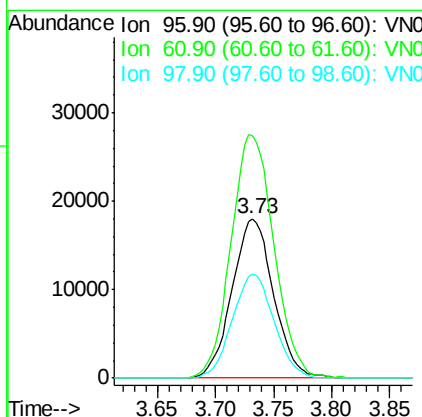
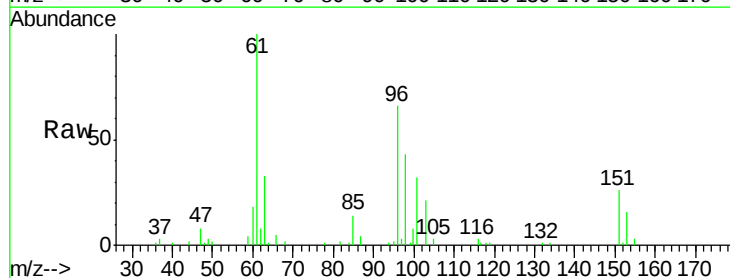
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7/8/2019 10:08:16 AM

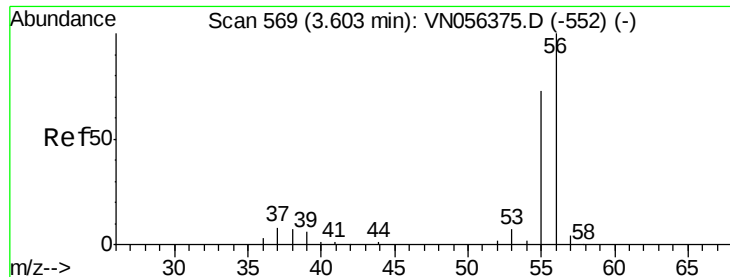


#12

1,1-Dichloroethene
Concen: 18.236 ug/l
RT: 3.73 min Scan# 609
Delta R.T. 0.00 min
Lab File: VN056598.D
Acq: 3 Jul 2019 20:34

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.1	126.6	190.0
98	65.0	51.1	76.7





#13

Acrolein

Concen: 53.053 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN056598.D

Acq: 3 Jul 2019 20:34

Instrument :

MSVOA_N

ClientSampled :

VN0704WBSD01

Tot Ion: 56 Resp: 23208

Ion Ratio Lower Upper

56 100

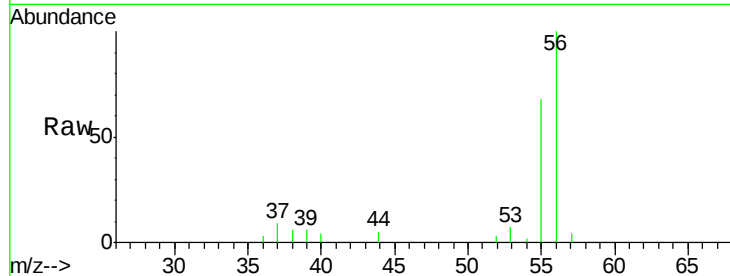
55 71.0 57.1 85.7

Manual Integrations

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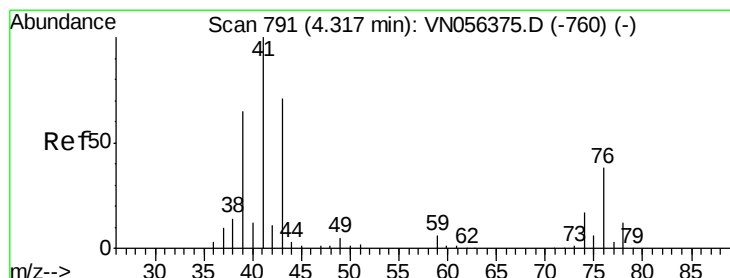
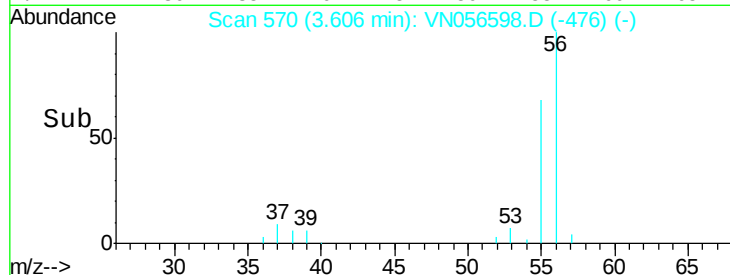
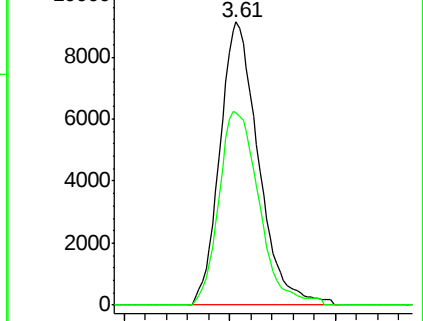
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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 19.543 ug/l

RT: 4.32 min Scan# 792

Delta R.T. 0.00 min

Lab File: VN056598.D

Acq: 3 Jul 2019 20:34

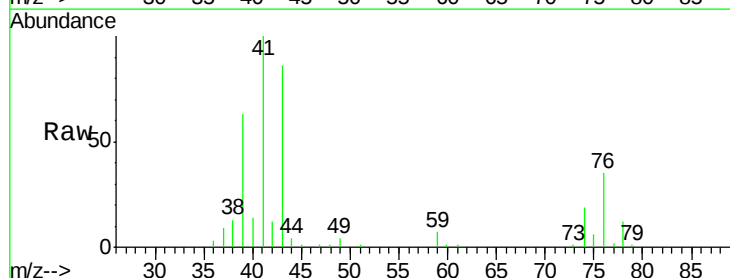
Tgt Ion: 41 Resp: 79909

Ion Ratio Lower Upper

41 100

39 60.0 48.6 73.0

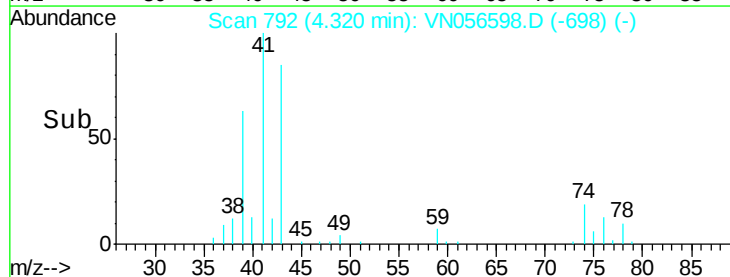
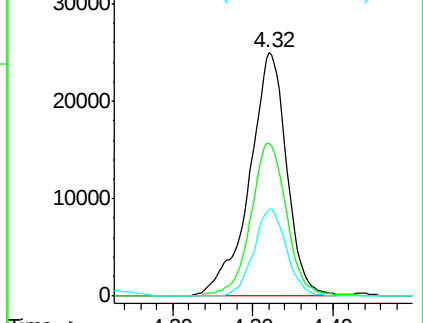
76 31.4 26.6 40.0

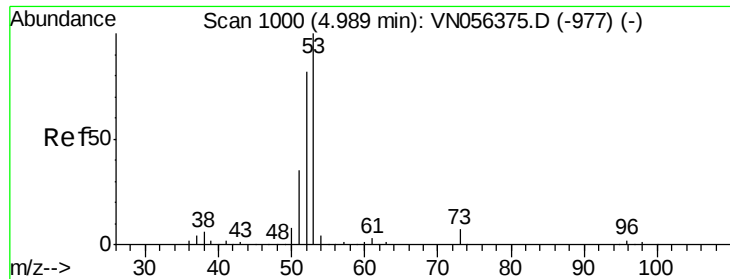


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





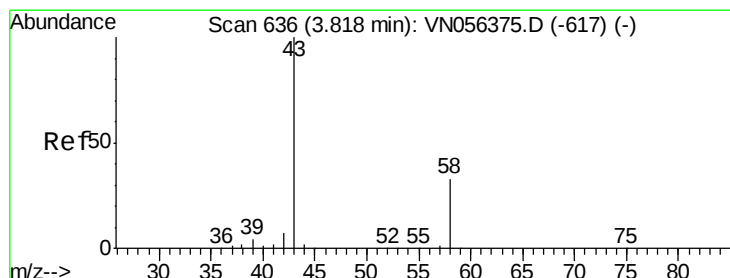
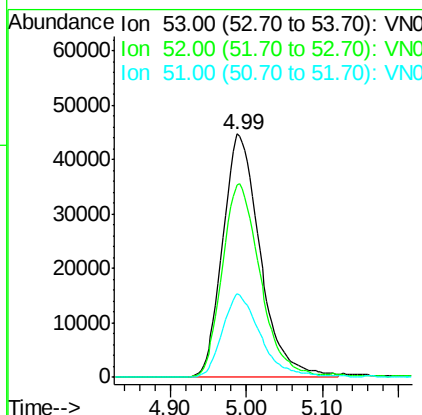
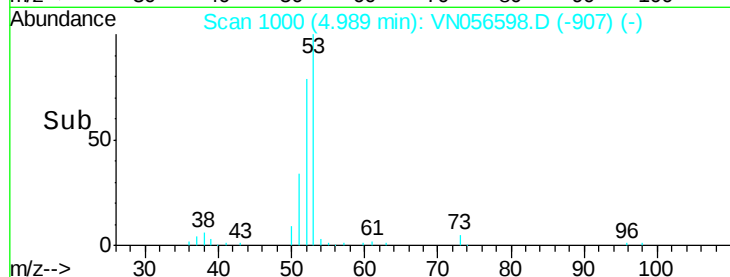
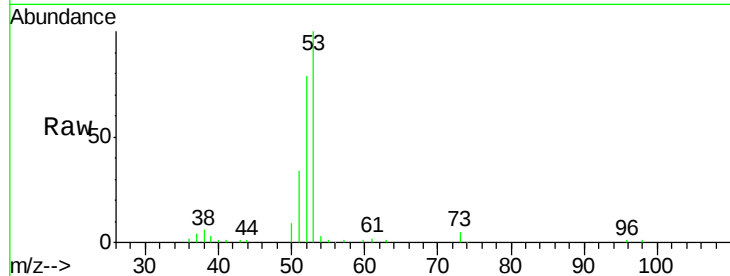
#15
 Acrylonitrile
 Concen: 107.107 ug/l
 RT: 4.99 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: VN056598.D
 Acq: 3 Jul 2019 20:34

Instrument :
 MSVOA_N
 ClientSampled :
 VN0704WBSD01

Tot Ion:	53	Resp:	153795
Ion	Ratio	Lower	Upper
53	100		
52	80.2	65.9	98.9
51	34.9	28.3	42.5

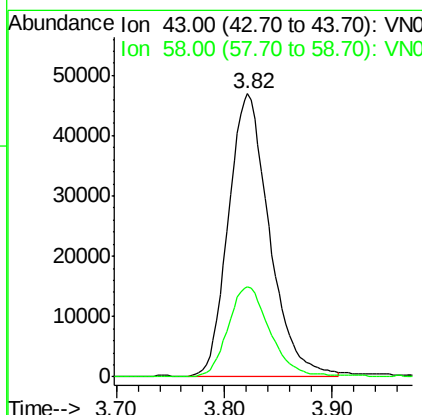
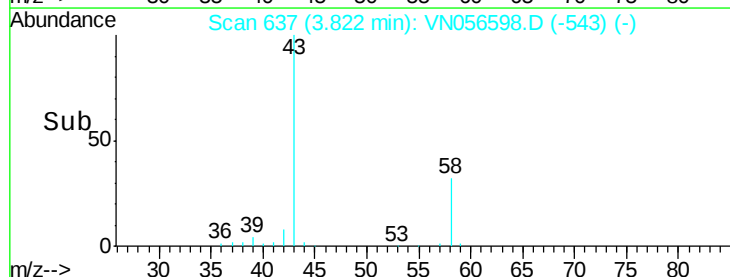
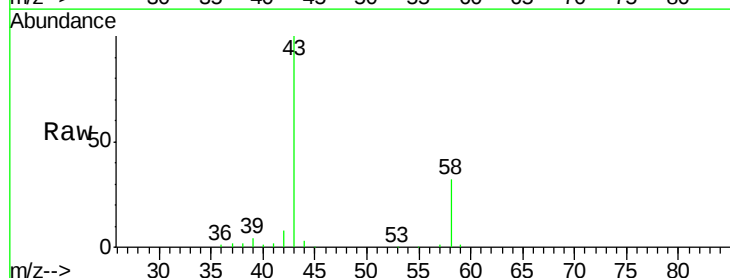
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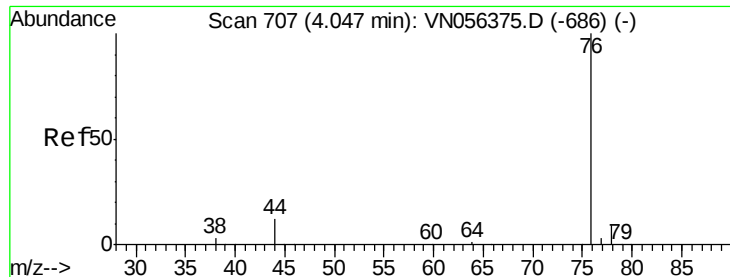
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#16
 Acetone
 Concen: 80.750 ug/l
 RT: 3.82 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: VN056598.D
 Acq: 3 Jul 2019 20:34

Tgt Ion:	43	Resp:	124674
Ion	Ratio	Lower	Upper
43	100		
58	31.8	26.4	39.6





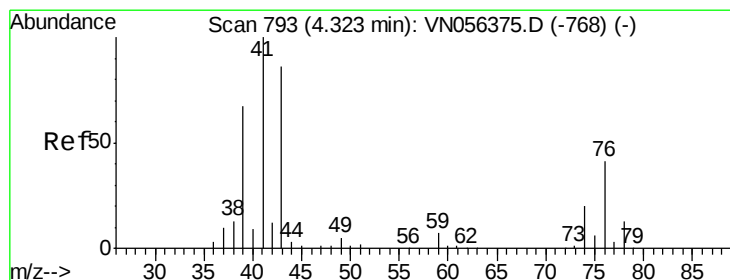
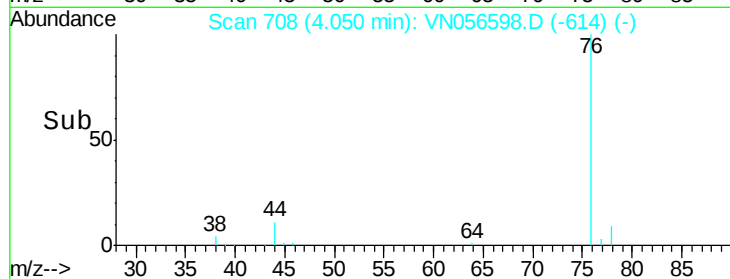
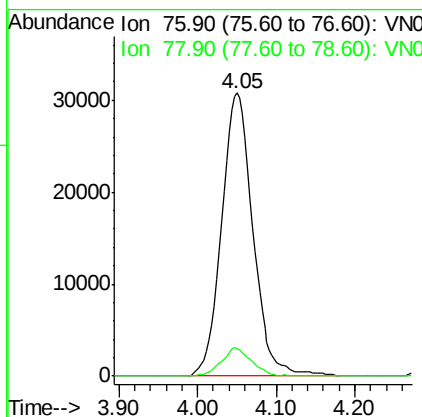
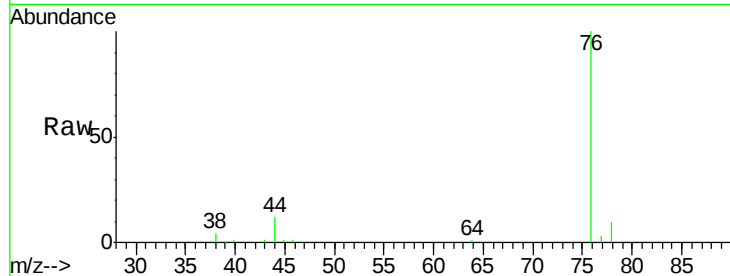
#17
Carbon Disulfide
Concen: 15.165 ug/l
RT: 4.05 min Scan# 708
Delta R.T. 0.00 min
Lab File: VN056598.D
Acq: 3 Jul 2019 20:34

Instrument :
MSVOA_N
ClientSampleId :
VN0704WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.9	7.1	10.7

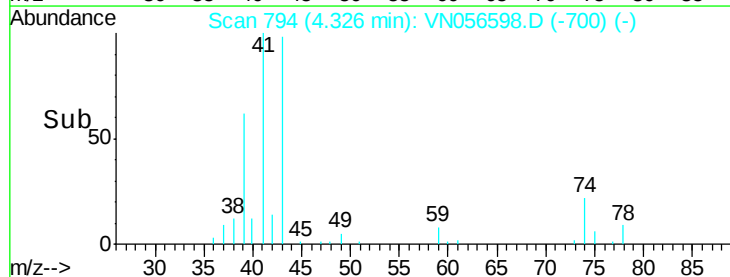
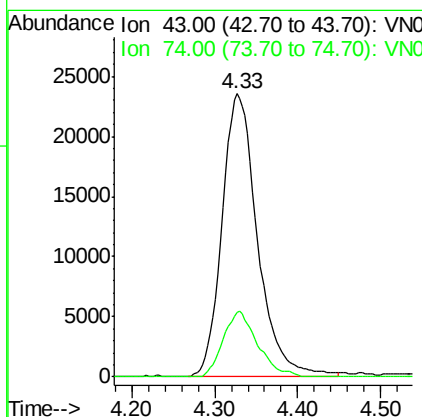
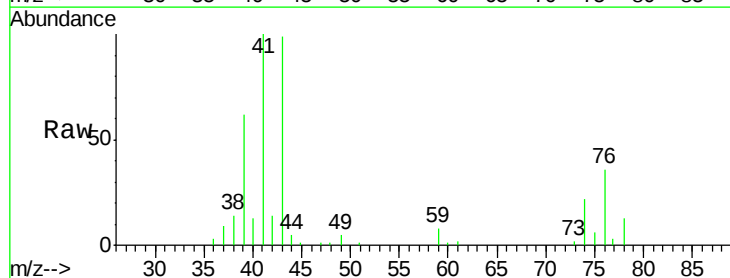
Manual Integrations
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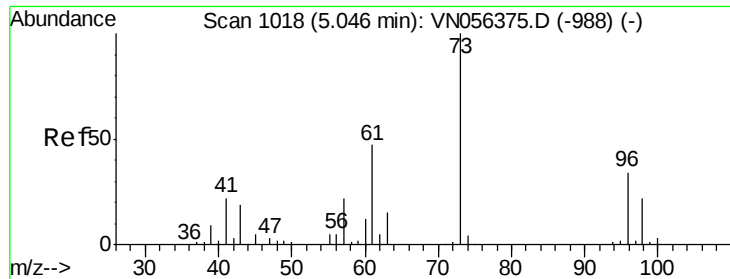
MMDadoda
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#18
Methyl Acetate
Concen: 22.724 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN056598.D
Acq: 3 Jul 2019 20:34

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.3	19.2	28.8





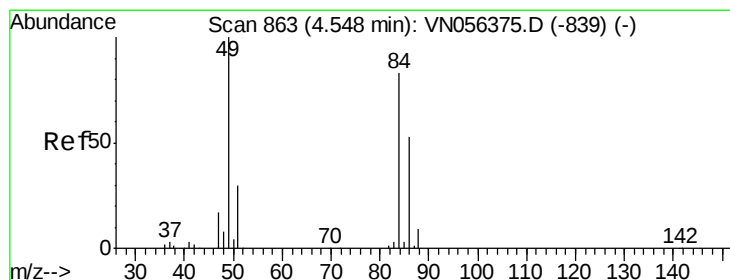
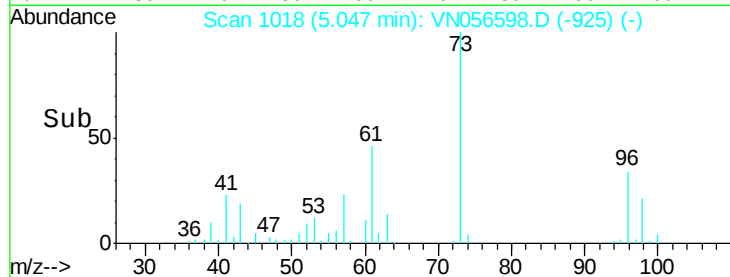
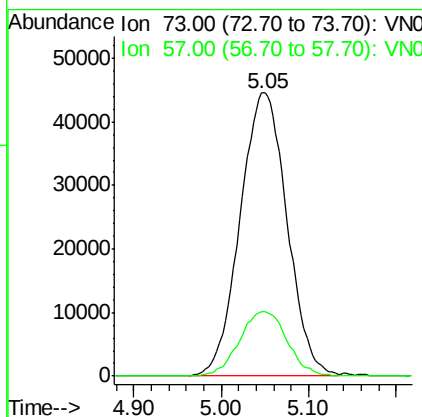
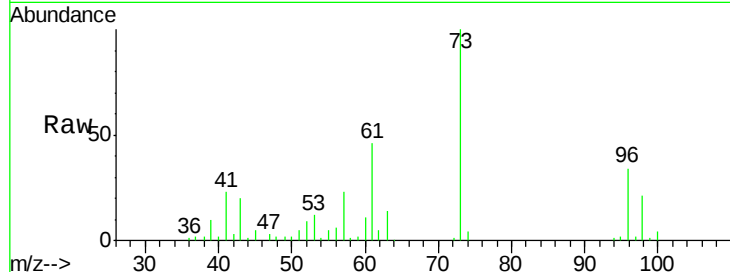
#19
Methvl tert-butvl Ether
Concen: 20.412 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN056598.D
Acq: 3 Jul 2019 20:34

Instrument :
MSVOA_N
ClientSampleId :
VN0704WBSD01

Tot Ion: 73 Resp: 165898
Ion Ratio Lower Upper
73 100
57 22.8 17.9 26.9

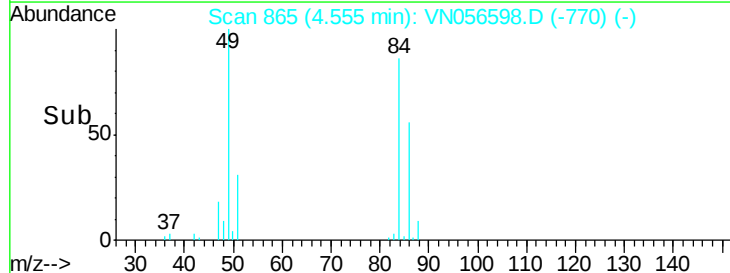
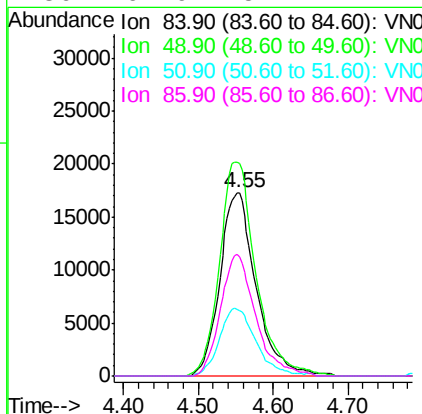
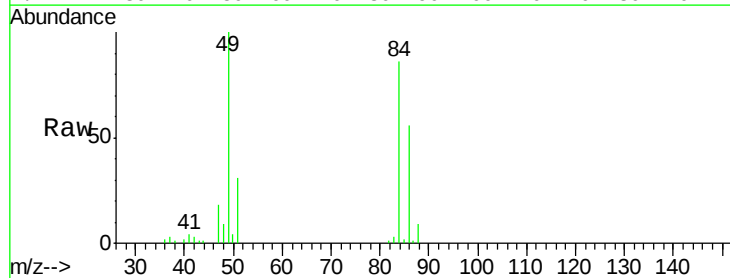
Manual Integrations
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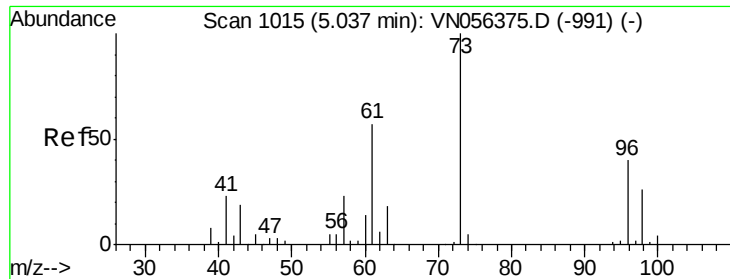
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#20
Methylene Chloride
Concen: 19.383 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.01 min
Lab File: VN056598.D
Acq: 3 Jul 2019 20:34

Tgt Ion: 84 Resp: 58002
Ion Ratio Lower Upper
84 100
49 115.6 96.4 144.6
51 35.5 28.6 43.0
86 64.9 51.4 77.2





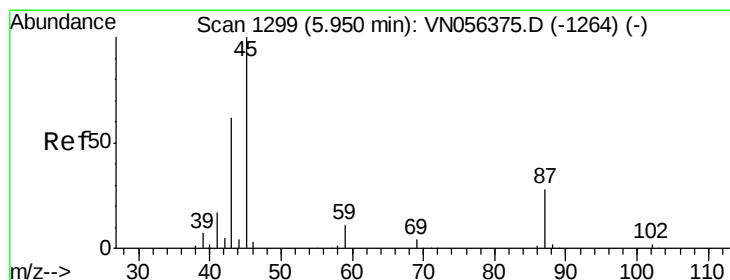
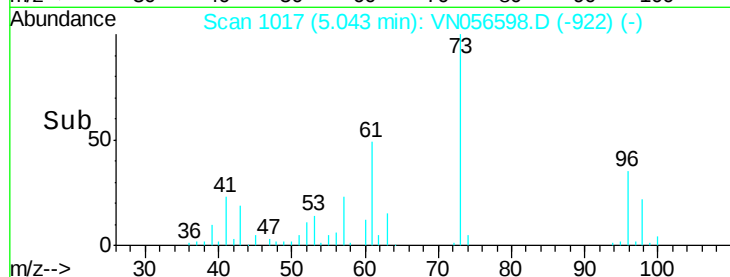
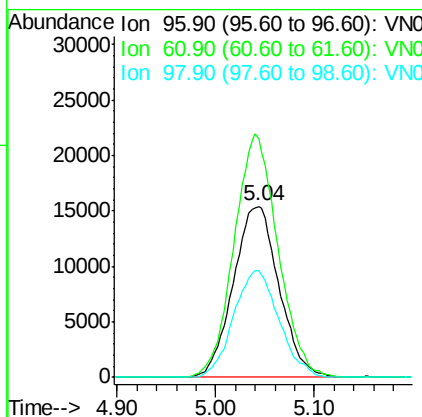
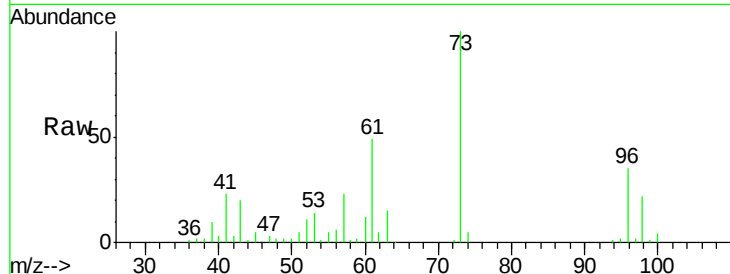
#21
trans-1,2-Dichloroethene
Concen: 18.626 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VN056598.D
Acq: 3 Jul 2019 20:34

Instrument :
MSVOA_N
ClientSampleId :
VN0704WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.5	113.0	169.6
98	62.1	52.2	78.2

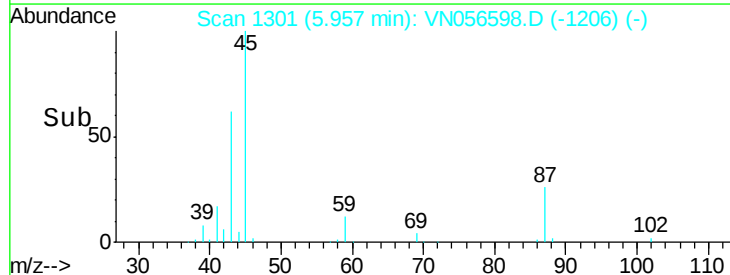
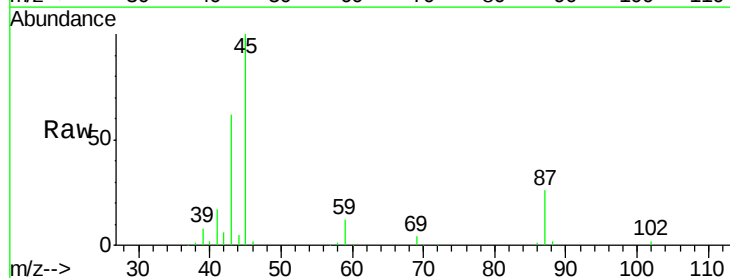
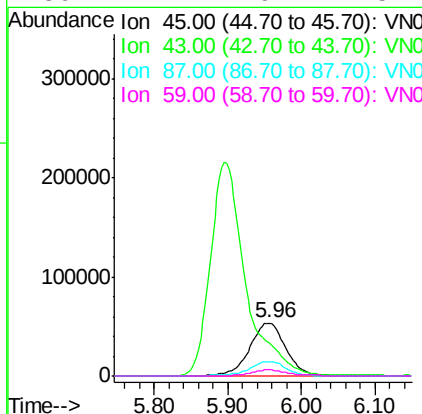
Manual Integrations
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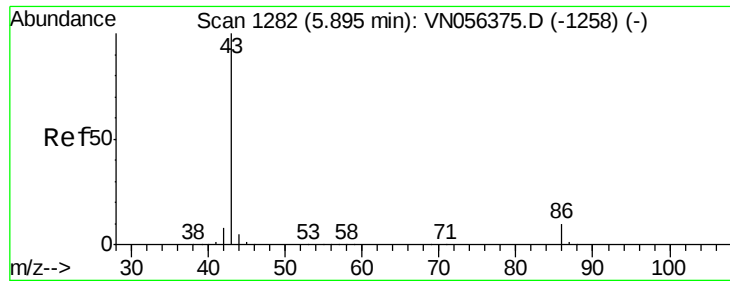
MMDadoda
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#22
Diisopropyl ether
Concen: 21.245 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.01 min
Lab File: VN056598.D
Acq: 3 Jul 2019 20:34

Tgt Ion	Ratio	Lower	Upper
45	100		
43	60.0	50.4	75.6
87	26.5	23.0	34.4
59	11.7	9.1	13.7





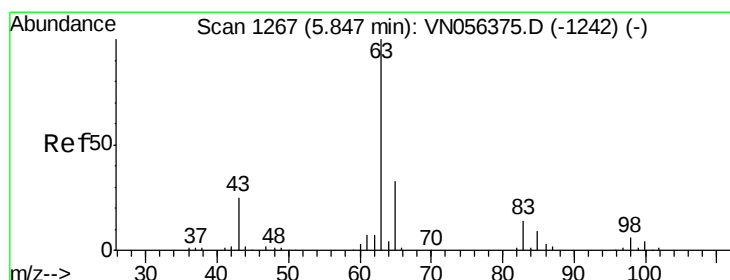
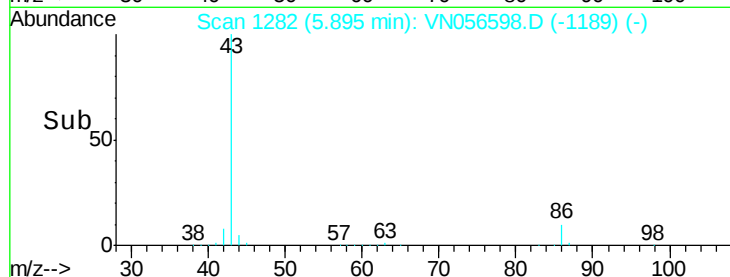
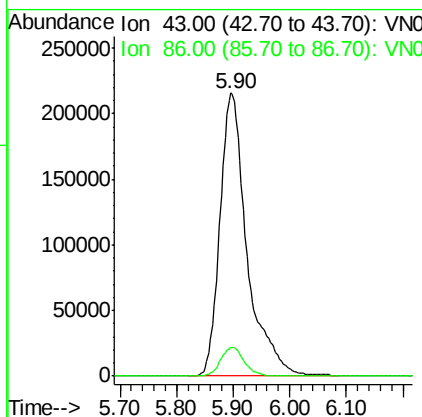
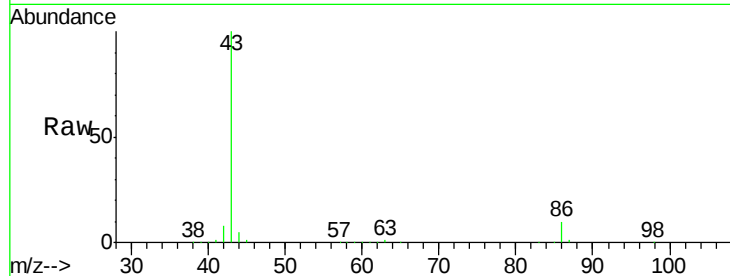
#23
 Vinyl Acetate
 Concen: 106.301 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN056598.D
 Acq: 3 Jul 2019 20:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0704WBSD01

Tot Ion	43	Resp	719955
Ion Ratio	100	Lower	Upper
43	100		
86	10.3	8.3	12.5

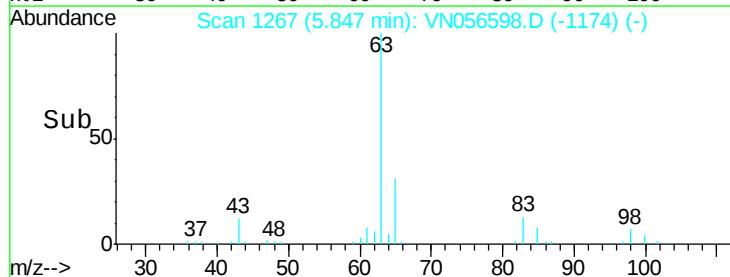
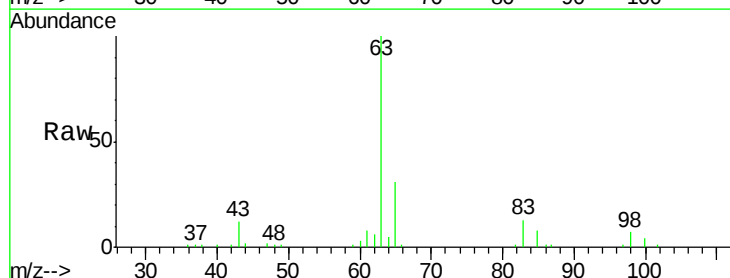
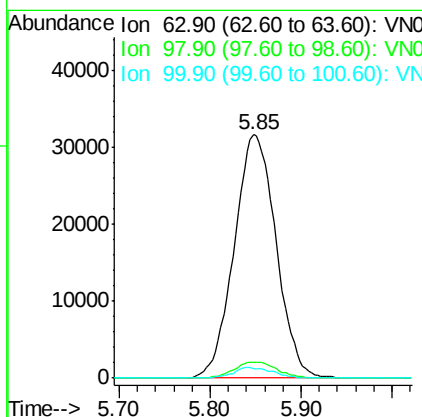
Manual Integrations
 APPROVED

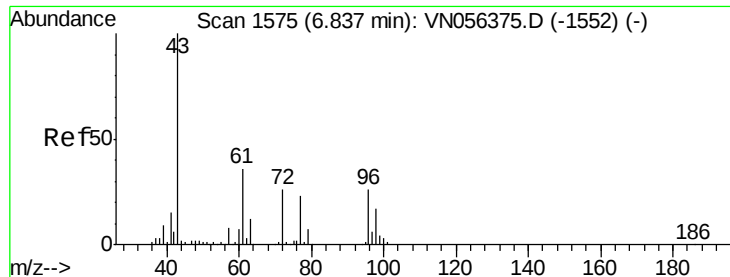
MMDadoda
 7/8/2019 10:08:16 AM



#24
 1,1-Dichloroethane
 Concen: 20.491 ug/l
 RT: 5.85 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: VN056598.D
 Acq: 3 Jul 2019 20:34

Tgt Ion	63	Resp	101006
Ion Ratio	100	Lower	Upper
63	100		
98	6.6	3.2	9.6
100	4.1	2.1	6.5





#25

2-Butanone

Concen: 100.170 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VN056598.D

Acq: 3 Jul 2019 20:34

Instrument :

MSVOA_N

ClientSampled :

VN0704WBSD01

Tot Ion: 43 Resp: 204691

Ion Ratio Lower Upper

43 100

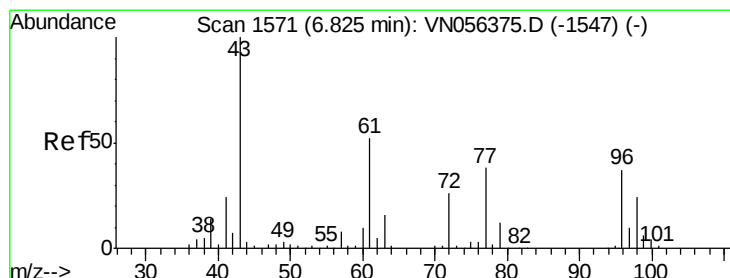
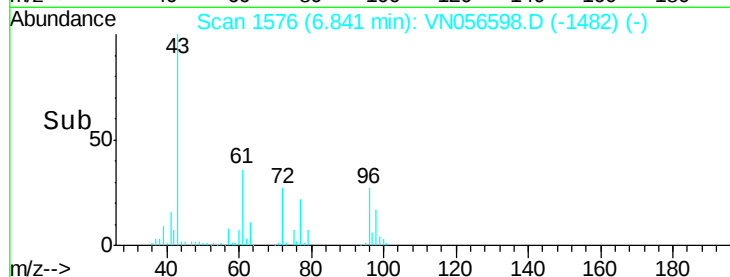
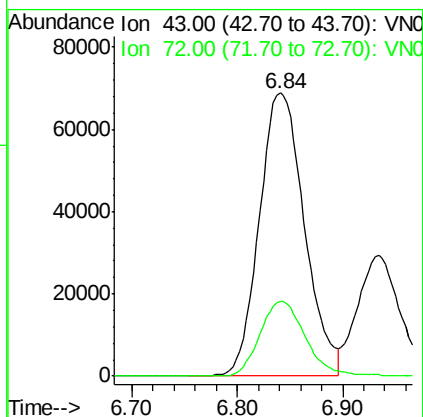
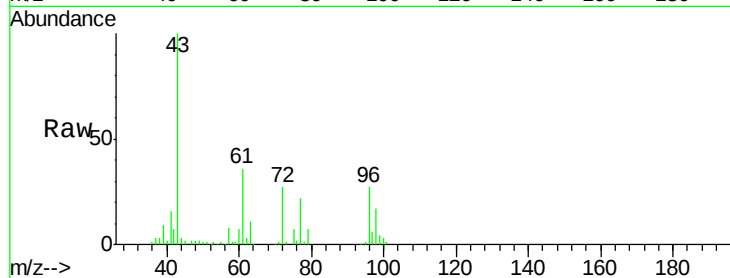
72 26.5 20.6 31.0

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#26

2,2-Dichloropropane

Concen: 17.862 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN056598.D

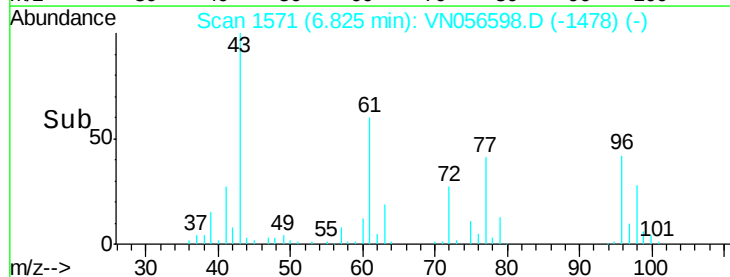
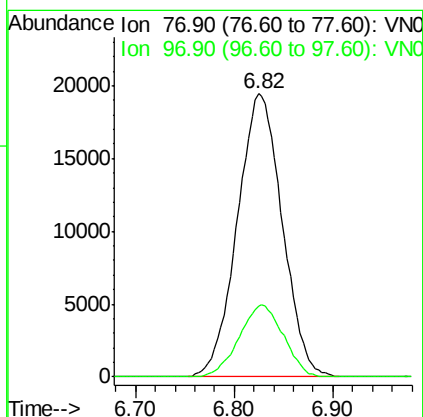
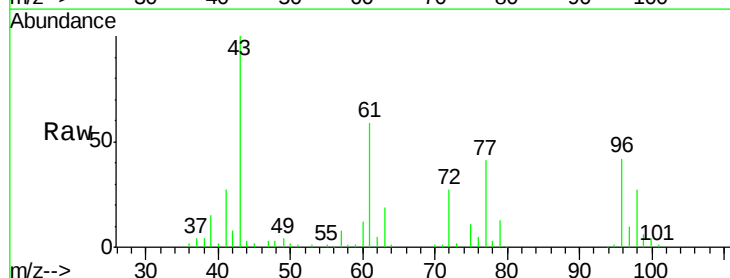
Acq: 3 Jul 2019 20:34

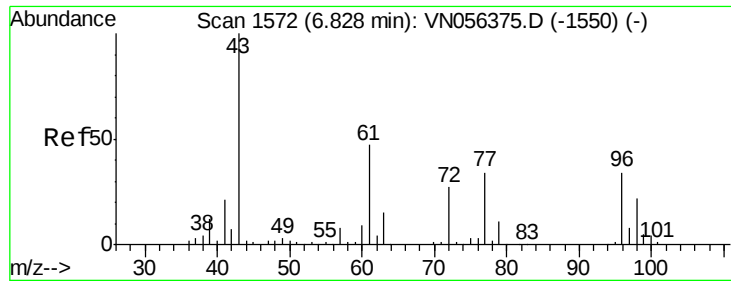
Tgt Ion: 77 Resp: 61235

Ion Ratio Lower Upper

77 100

97 25.1 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 19.630 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN056598.D

Acq: 3 Jul 2019 20:34

Instrument :

MSVOA_N

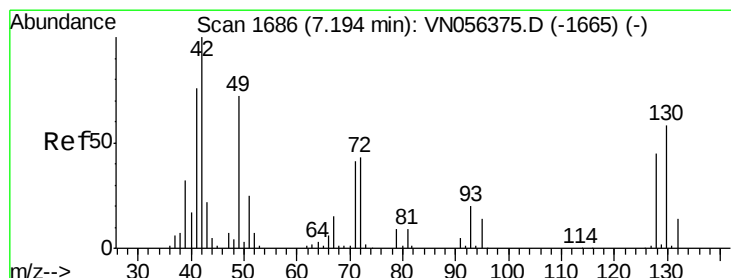
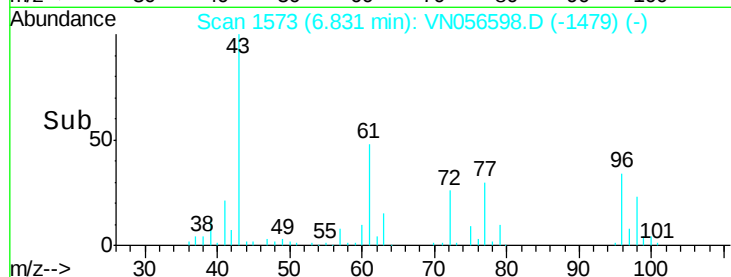
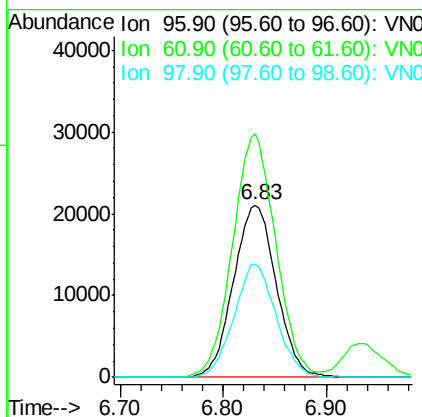
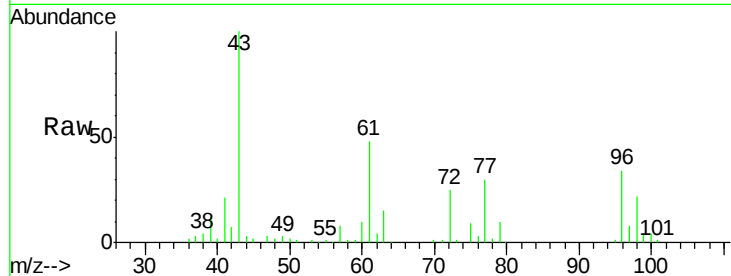
ClientSampleId :

VN0704WBSD01

Tot Ion:	96	Resp:	60820
Ion	Ratio	Lower	Upper
96	100		
61	142.2	0.0	279.8
98	64.3	0.0	130.0

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#28

Bromochloromethane

Concen: 20.441 ug/l

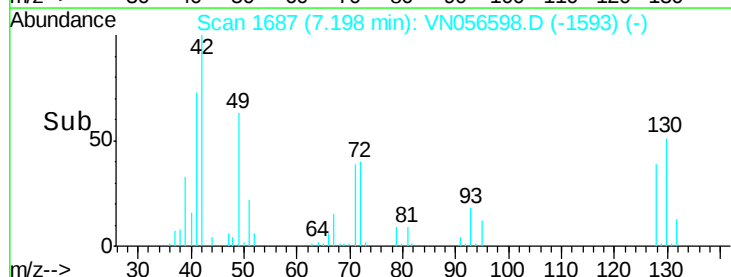
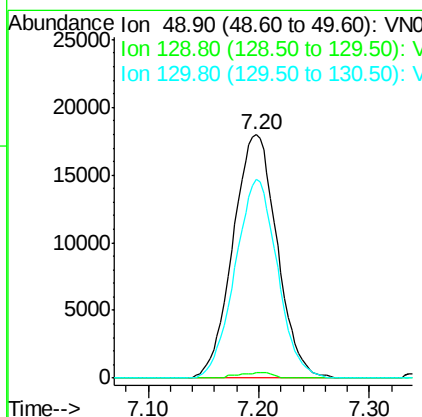
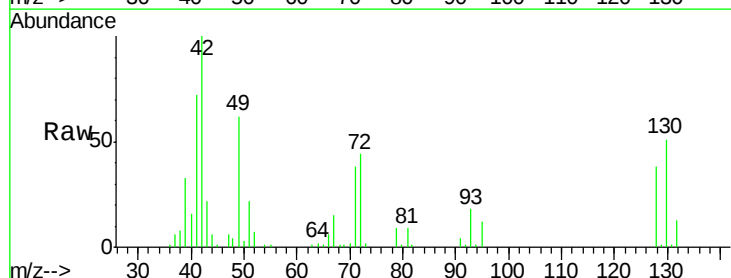
RT: 7.20 min Scan# 1687

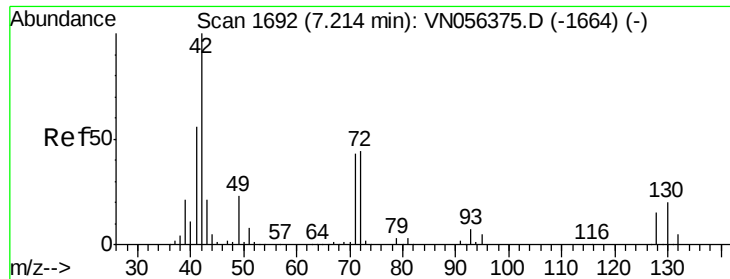
Delta R.T. 0.00 min

Lab File: VN056598.D

Acq: 3 Jul 2019 20:34

Tgt Ion:	49	Resp:	49837
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.2
130	78.3	64.9	97.3





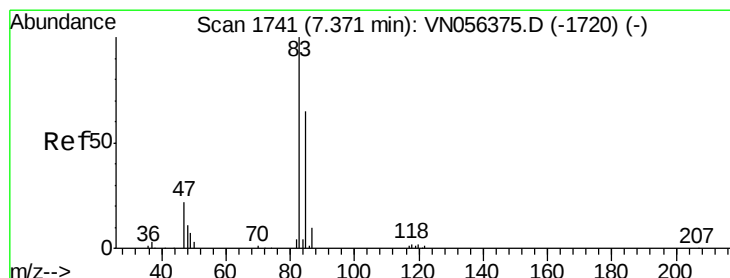
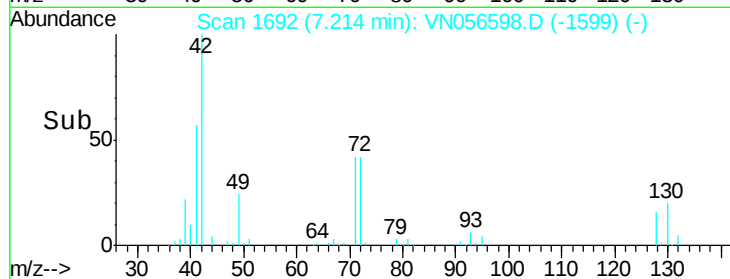
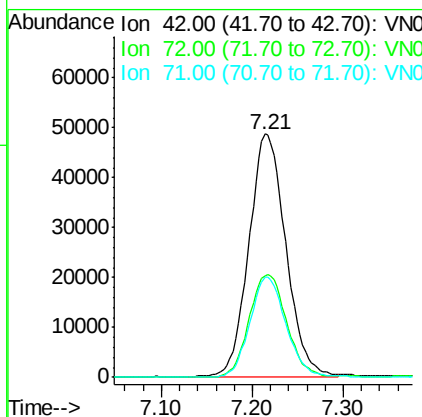
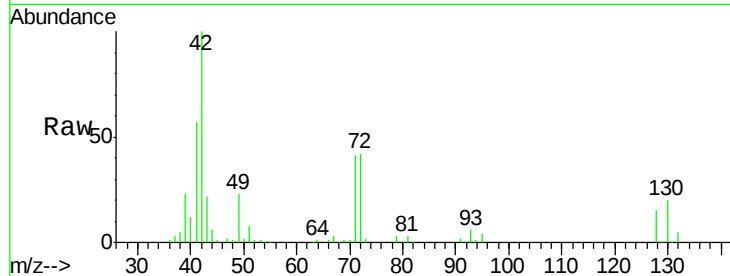
#29
Tetrahydrofuran
Concen: 110.762 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN056598.D
Acq: 3 Jul 2019 20:34

Instrument :
MSVOA_N
ClientSampleId :
VN0704WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.9	34.7	52.1
71	40.4	33.0	49.6

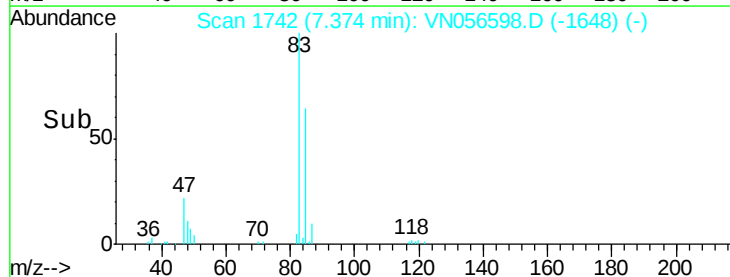
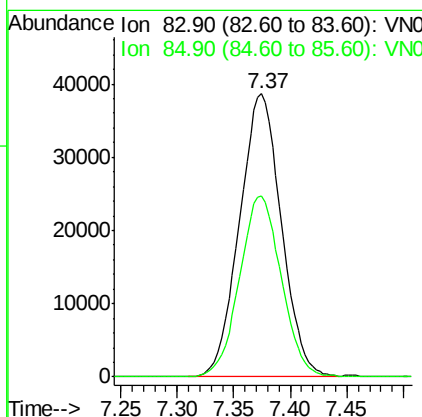
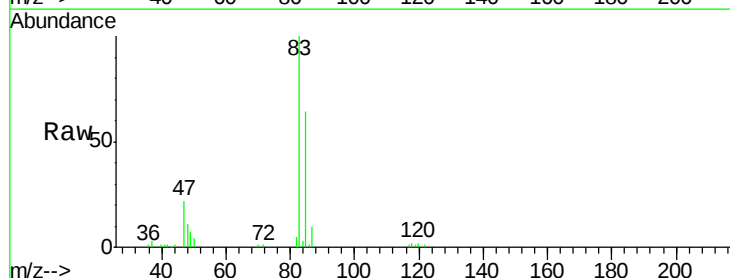
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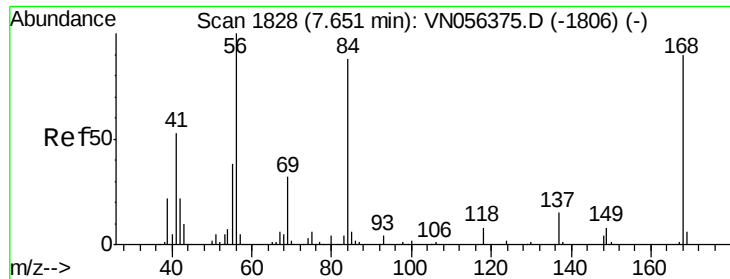
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#30
Chloroform
Concen: 20.460 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN056598.D
Acq: 3 Jul 2019 20:34

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	52.3	78.5





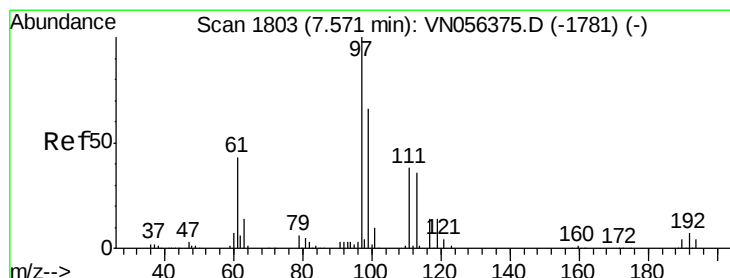
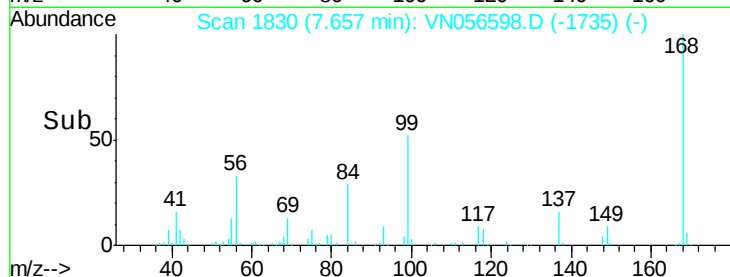
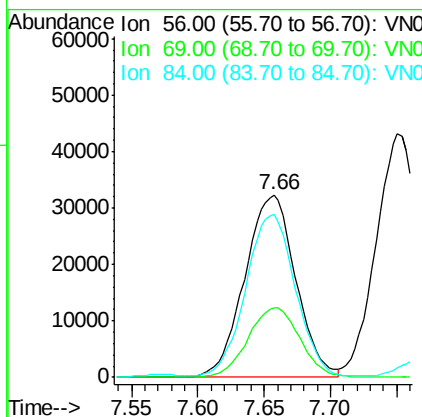
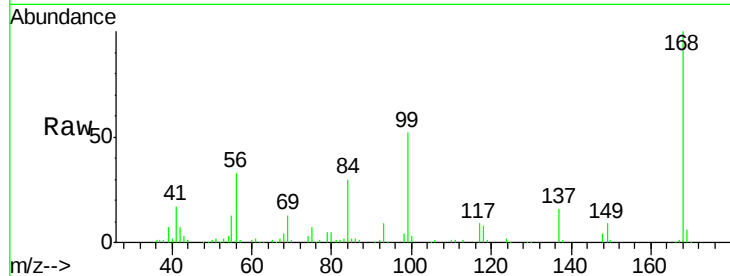
#31
Cyclohexane
Concen: 18.199 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN056598.D
Acq: 3 Jul 2019 20:34

Instrument :
MSVOA_N
ClientSampleId :
VN0704WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.2	25.8	38.6
84	88.4	69.4	104.0

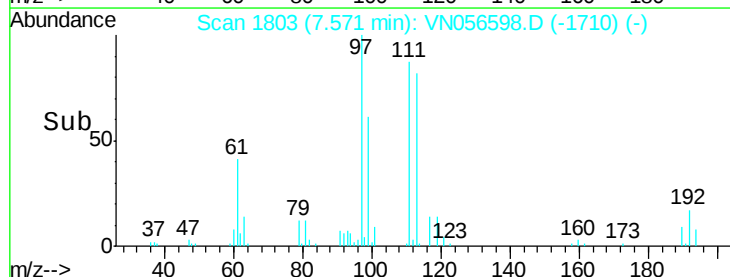
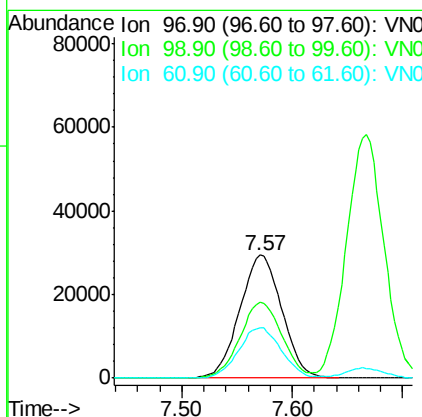
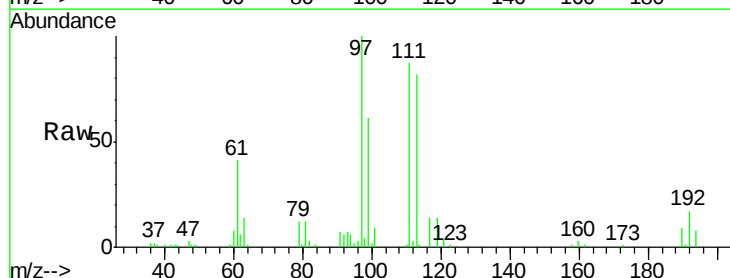
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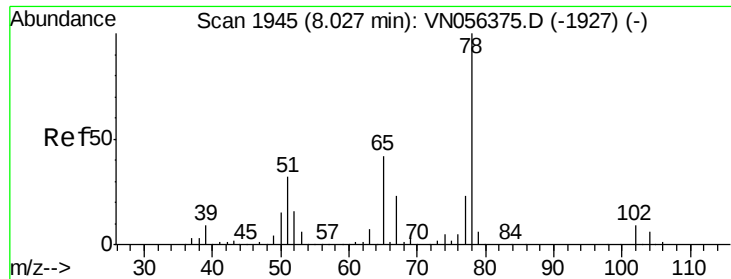
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#32
1,1,1-Trichloroethane
Concen: 20.149 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN056598.D
Acq: 3 Jul 2019 20:34

Tgt Ion	Ratio	Lower	Upper
97	100		
99	61.4	51.8	77.6
61	41.6	33.9	50.9





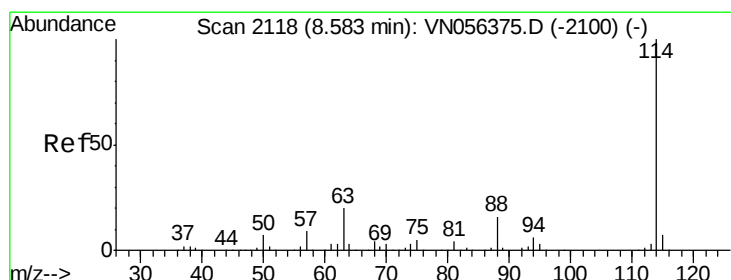
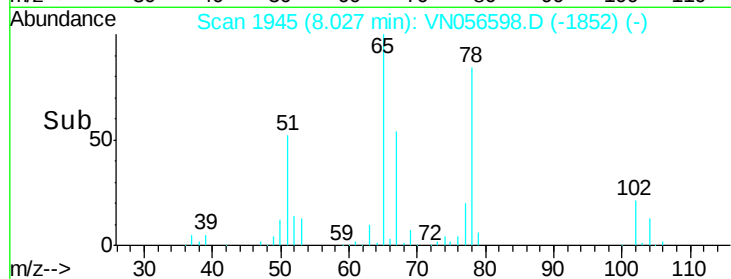
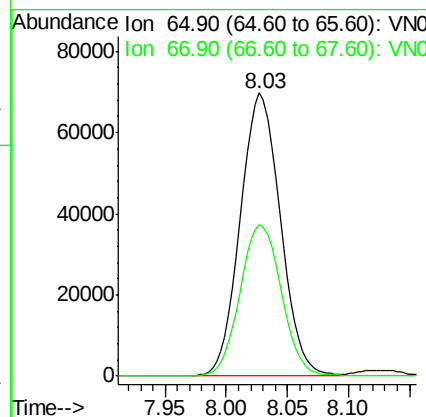
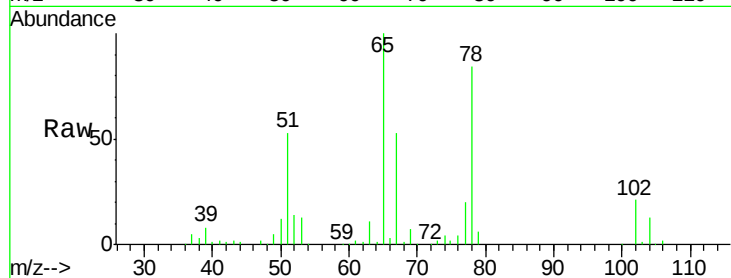
#33
 1,2-Dichloroethane-d4
 Concen: 51.644 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056598.D
 Acq: 3 Jul 2019 20:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0704WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	159149		
67	55.2	0.0	109.0	

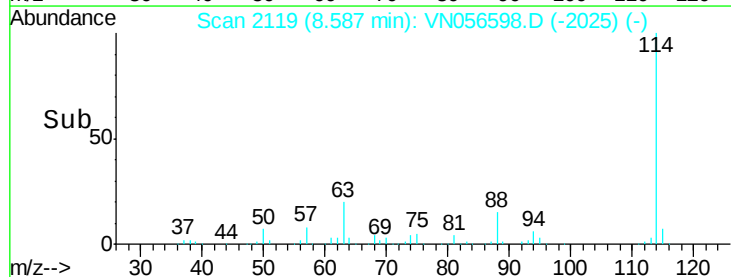
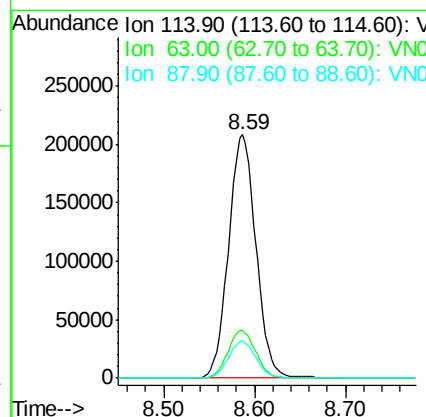
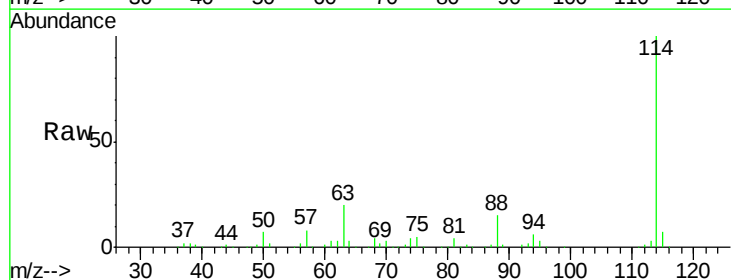
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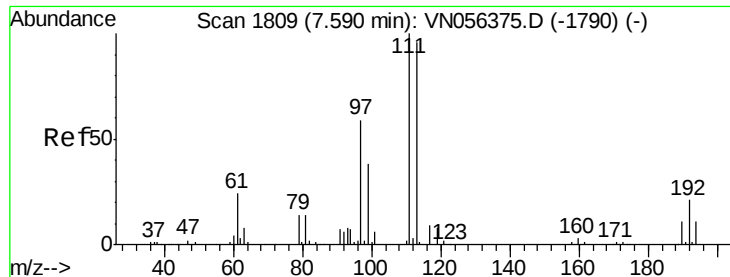
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056598.D
 Acq: 3 Jul 2019 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	436252		
63	19.6	0.0	39.2	
88	15.2	0.0	31.4	





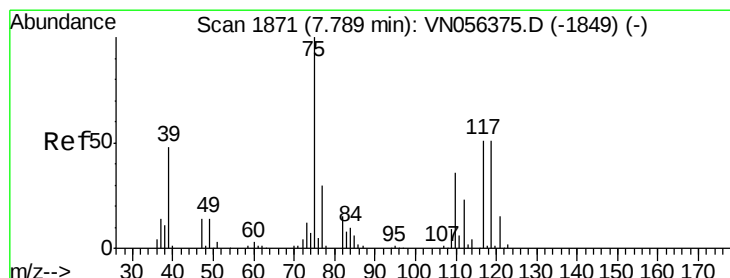
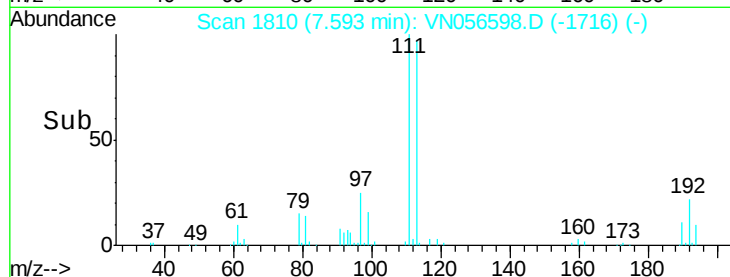
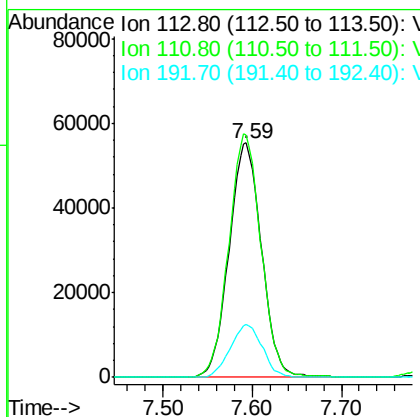
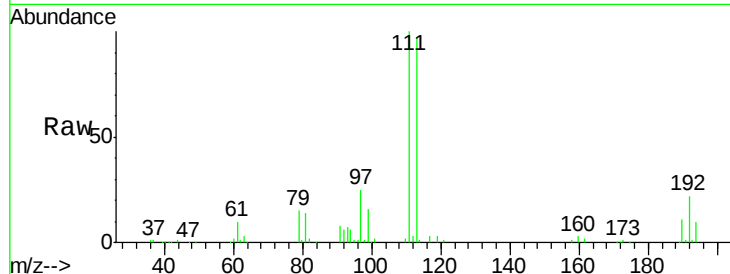
#35
 Dibromofluoromethane
 Concen: 51.313 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN056598.D
 Acq: 3 Jul 2019 20:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0704WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	139647		
111	102.9	82.9	124.3	
192	22.1	17.7	26.5	

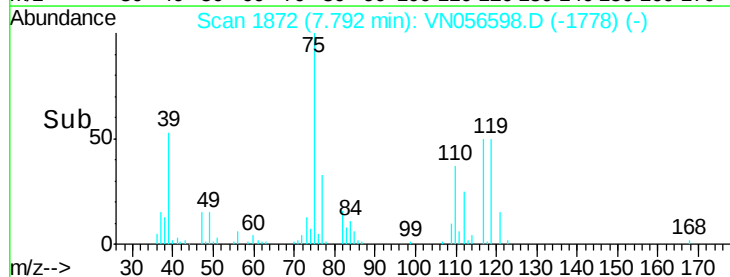
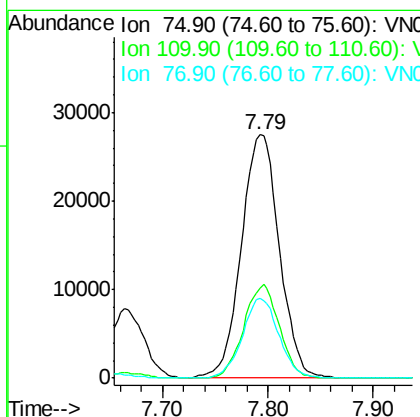
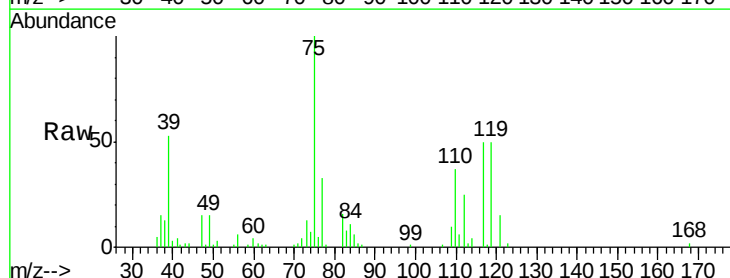
Manual Integrations
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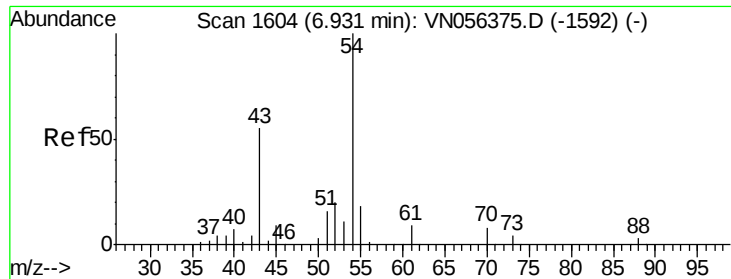
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#36
 1,1-Dichloropropene
 Concen: 17.934 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN056598.D
 Acq: 3 Jul 2019 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	68863		
110	35.9	18.1	54.3	
77	31.3	24.6	36.8	





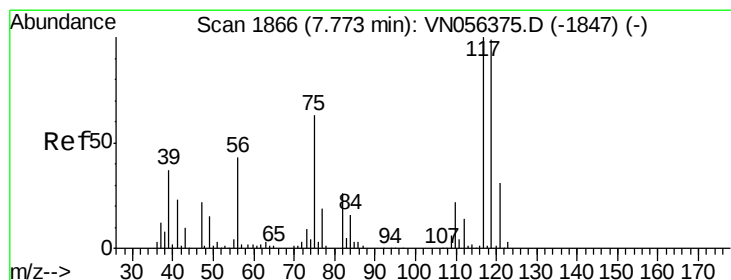
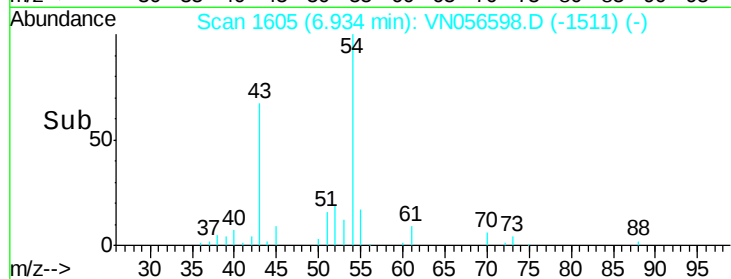
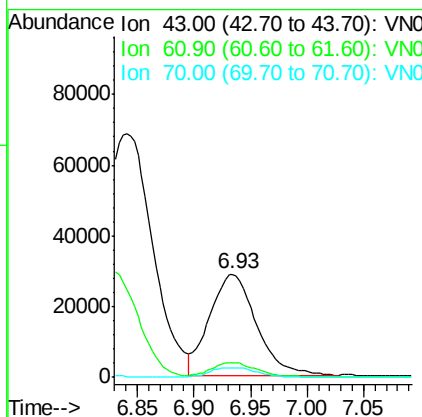
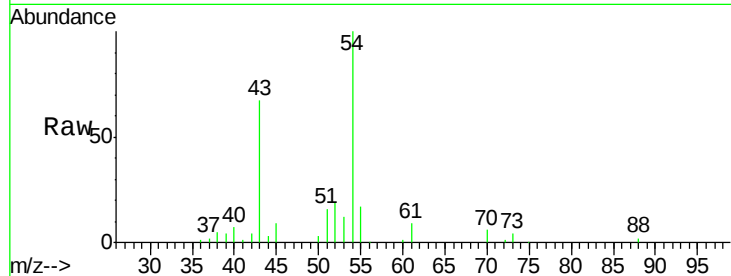
#37
Ethyl Acetate
Concen: 21.846 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN056598.D
Acq: 3 Jul 2019 20:34

Instrument :
MSVOA_N
ClientSampleId :
VN0704WBSD01

Tot Ion	43	61	70	Resp	82437
Ion Ratio	100	14.3	9.6	Lower	Upper
		11.1	8.3		

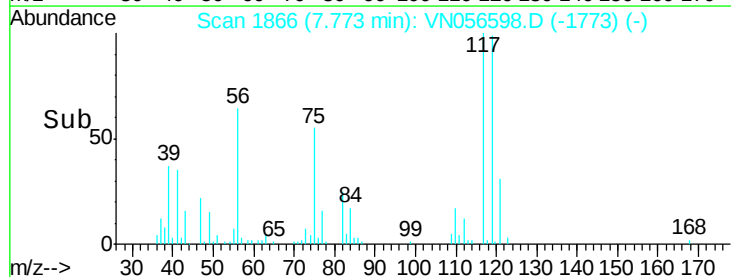
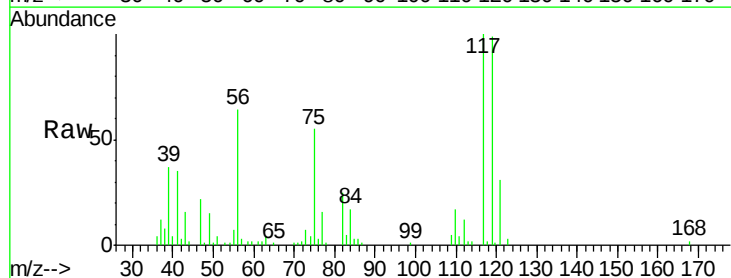
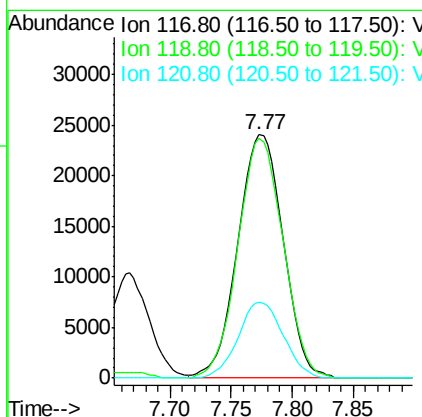
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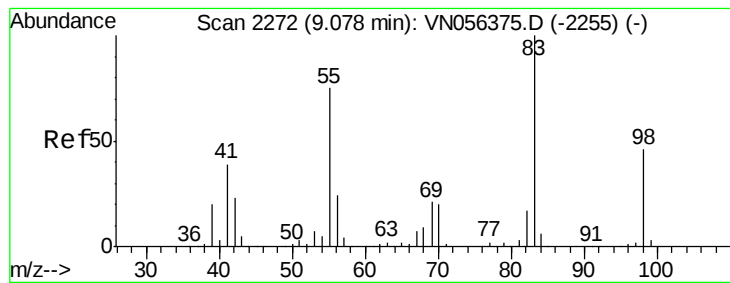
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#38
Carbon Tetrachloride
Concen: 18.524 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN056598.D
Acq: 3 Jul 2019 20:34

Tgt Ion	117	119	121	Resp	62202
Ion Ratio	100	98.6	31.2	Lower	Upper
		79.1	24.8		





#39

Methvlcvclohexane

Concen: 16.764 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VN056598.D

Acq: 3 Jul 2019 20:34

Instrument :

MSVOA_N

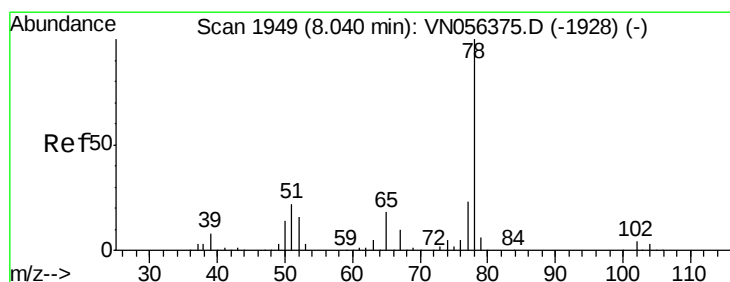
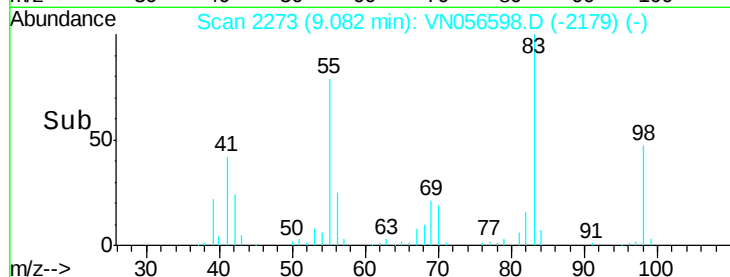
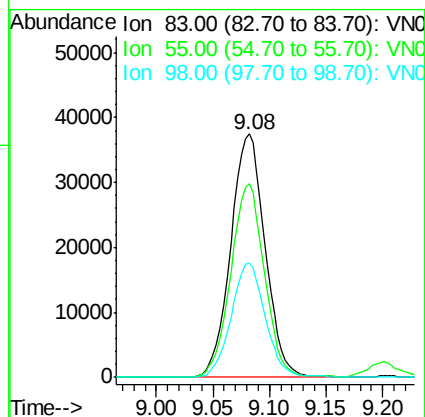
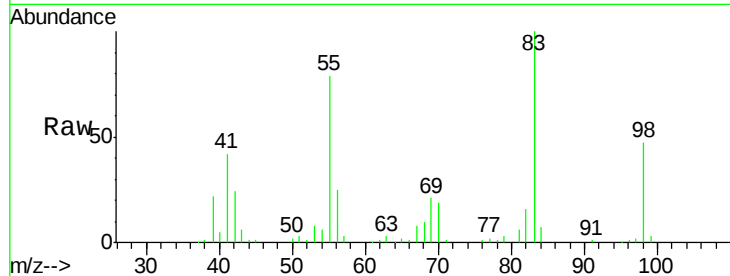
ClientSampleId :

VN0704WBSD01

Tot Ion:	83.00	Resp:	79429
Ion	Ratio	Lower	Upper
83	100		
55	79.5	60.0	90.0
98	46.8	36.6	54.8

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#40

Benzene

Concen: 19.043 ug/l

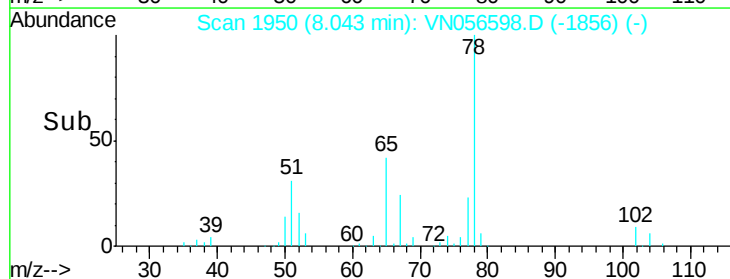
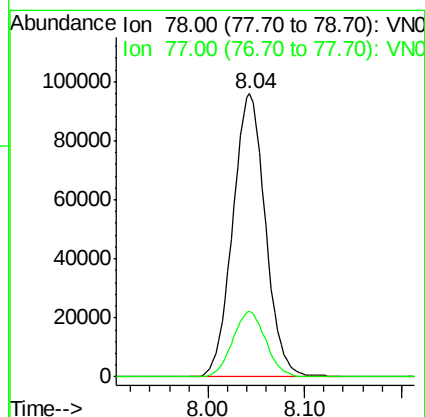
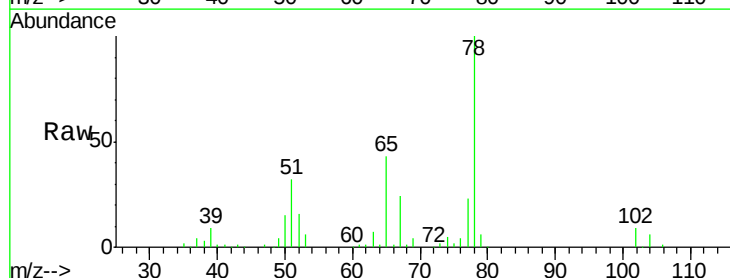
RT: 8.04 min Scan# 1950

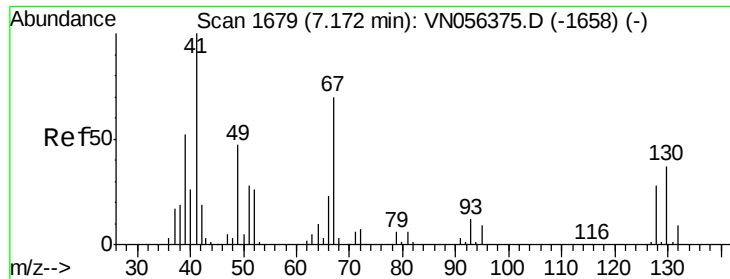
Delta R.T. 0.00 min

Lab File: VN056598.D

Acq: 3 Jul 2019 20:34

Tgt Ion:	78.00	Resp:	224920
Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.3	27.5





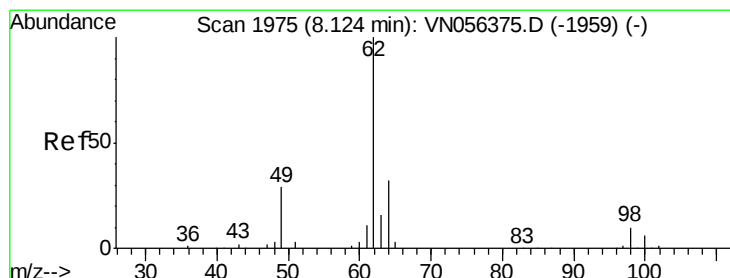
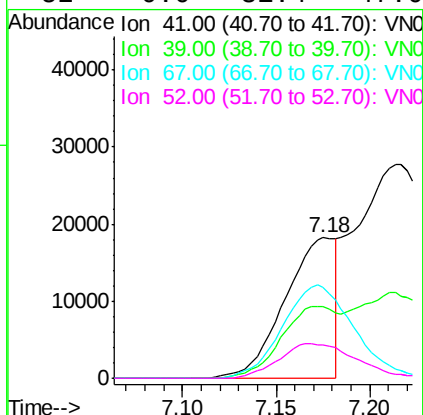
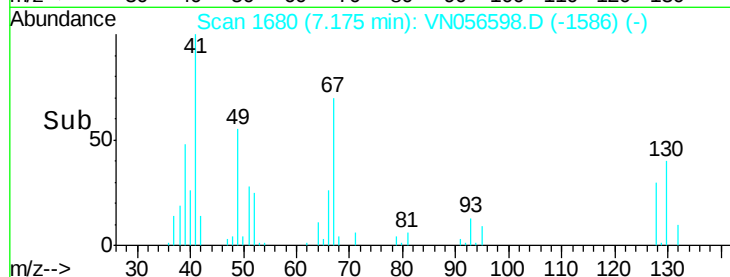
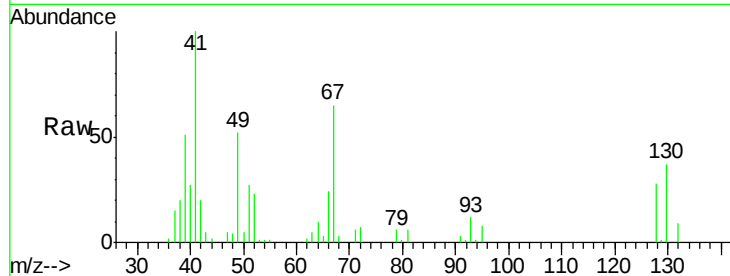
#41
Methacrylonitrile
Concen: 20.613 ug/l m
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN056598.D
Acq: 3 Jul 2019 20:34

Instrument :
MSVOA_N
ClientSampled :
VN0704WBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	55.3	82.9#
67	0.0	79.2	118.8#
52	0.0	31.4	47.0#

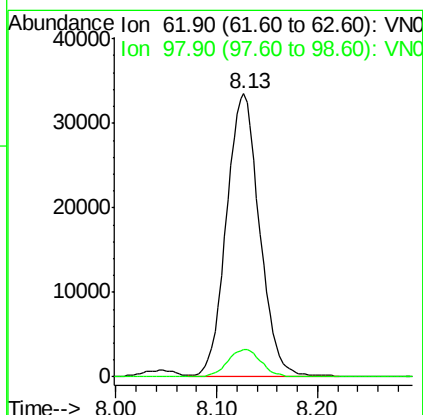
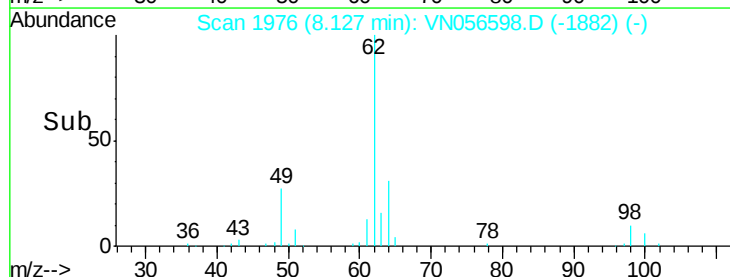
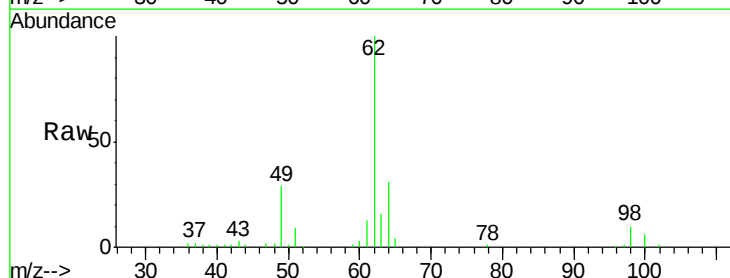
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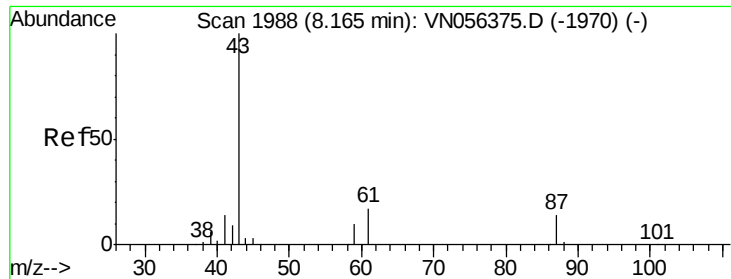
MMDadoda
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#42
1,2-Dichloroethane
Concen: 19.705 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN056598.D
Acq: 3 Jul 2019 20:34

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.4





#43

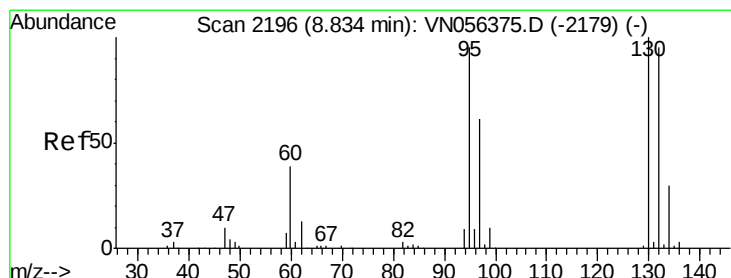
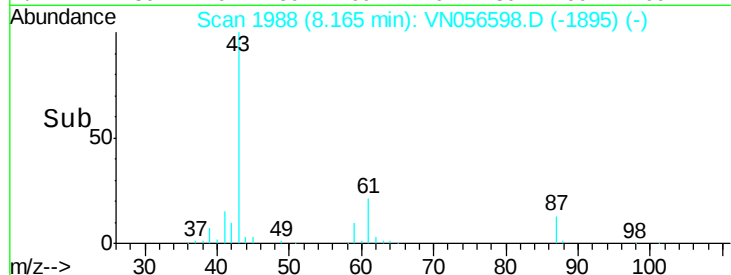
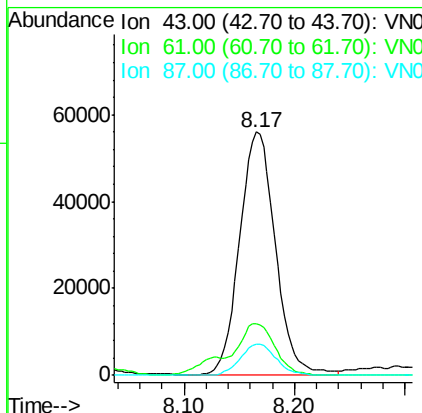
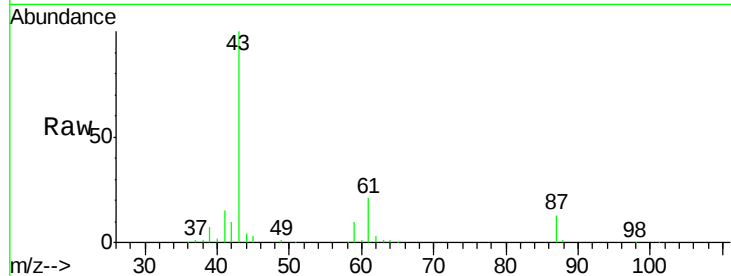
Isopropyl Acetate
 Concen: 21.528 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN056598.D
 Acq: 3 Jul 2019 20:34

Instrument :
 MSVOA_N
 ClientSampled :
 VN0704WBSD01

Tot Ion	43	61	87
Resp	125267		
Ratio	100	21.7	13.0
Lower		22.0	11.0
Upper		33.0	16.4

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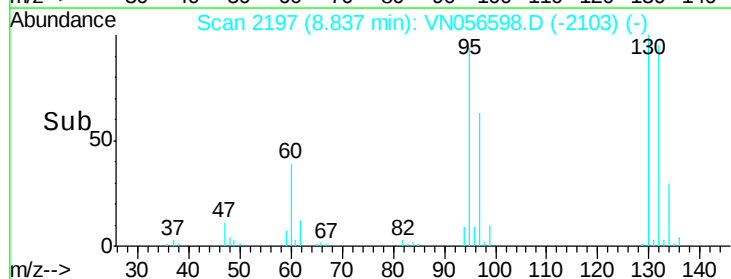
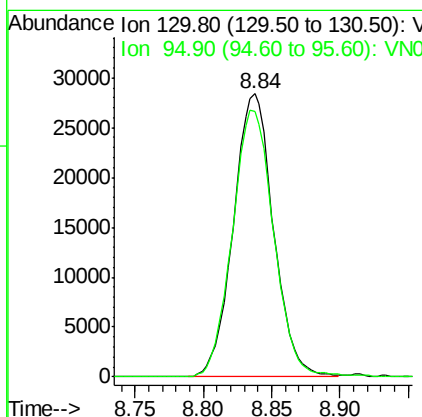
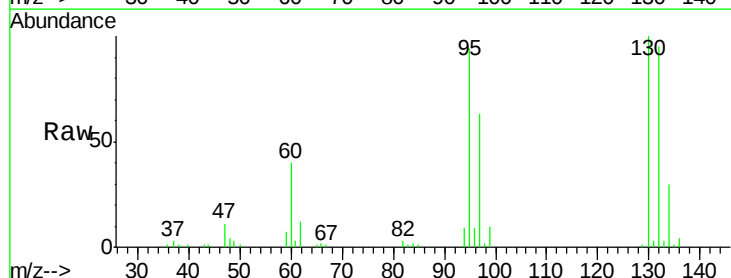
MMDadoda
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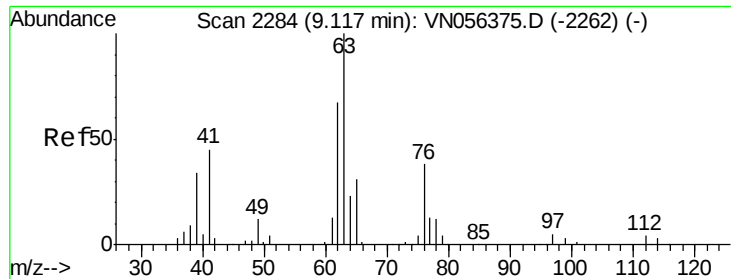


#44

Trichloroethene
 Concen: 18.182 ug/l
 RT: 8.84 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: VN056598.D
 Acq: 3 Jul 2019 20:34

Tgt Ion	130	95
Resp	57850	
Ratio	100	93.9
Lower		0.0
Upper		191.0





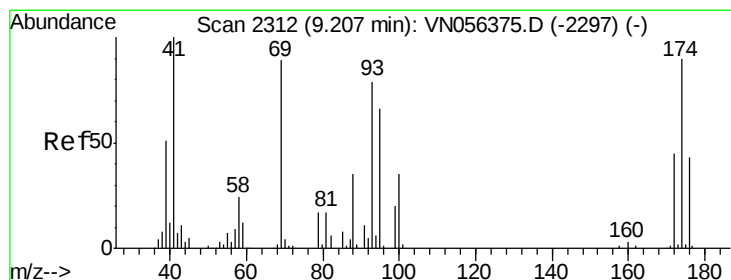
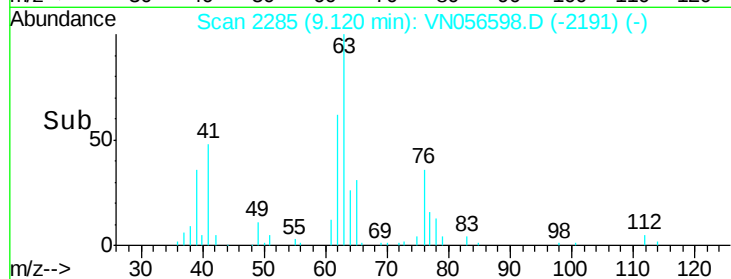
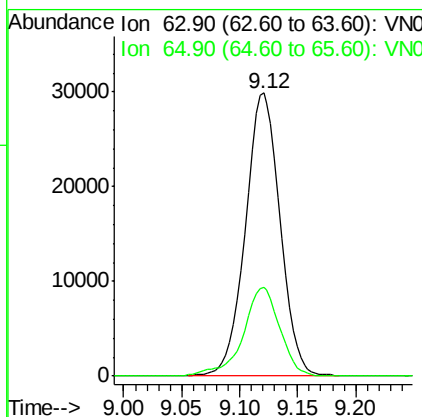
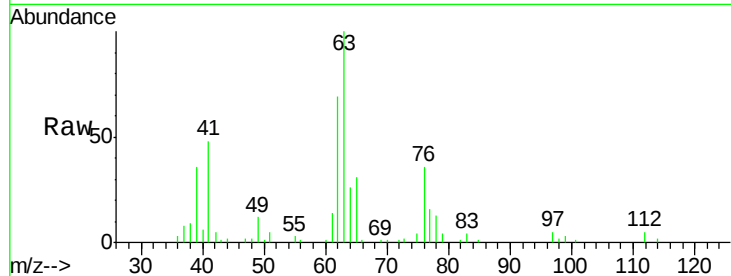
#45
 1,2-Dichloropropane
 Concen: 19.763 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN056598.D
 Acq: 3 Jul 2019 20:34

Instrument :
 MSVOA_N
 ClientSampled :
 VN0704WBSD01

Tot Ion: 63 Resp: 62426
 Ion Ratio Lower Upper
 63 100
 65 31.5 25.0 37.6

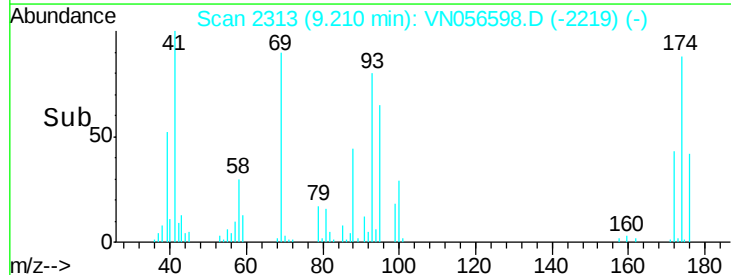
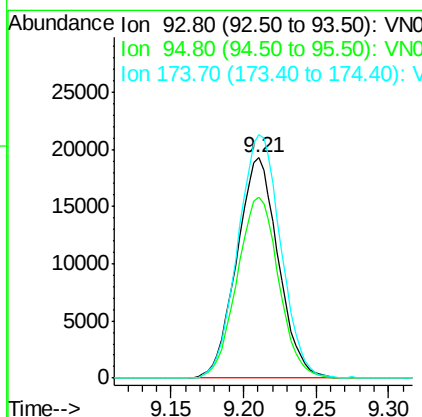
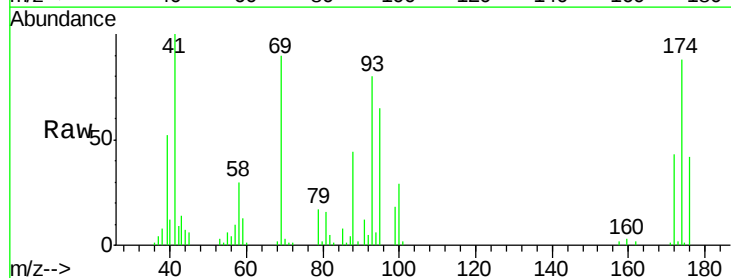
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#46
 Dibromomethane
 Concen: 19.403 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN056598.D
 Acq: 3 Jul 2019 20:34

Tgt Ion: 93 Resp: 38344
 Ion Ratio Lower Upper
 93 100
 95 82.3 66.2 99.2
 174 113.8 90.8 136.2





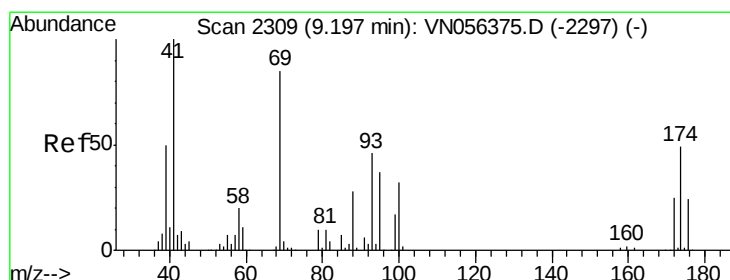
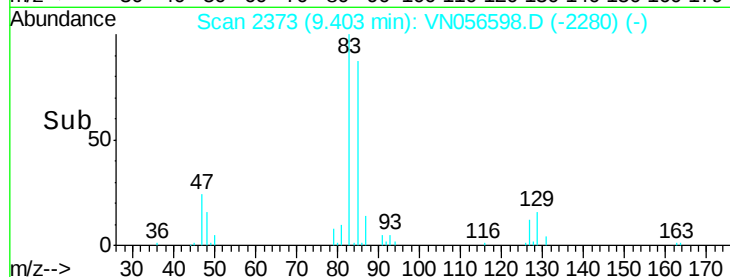
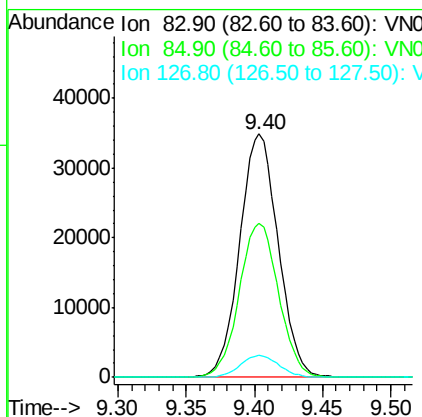
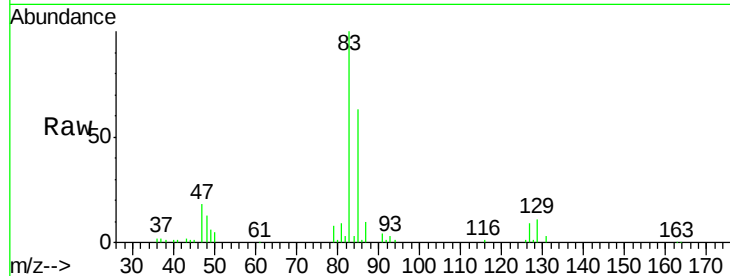
#47
Bromodichloromethane
Concen: 19.491 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN056598.D
Acq: 3 Jul 2019 20:34

Instrument :
MSVOA_N
ClientSampleId :
VN0704WBSD01

Tot Ion	83	Resp	68315
Ion Ratio	100	Lower	Upper
83	100		
85	63.4	52.2	78.4
127	9.0	7.3	10.9

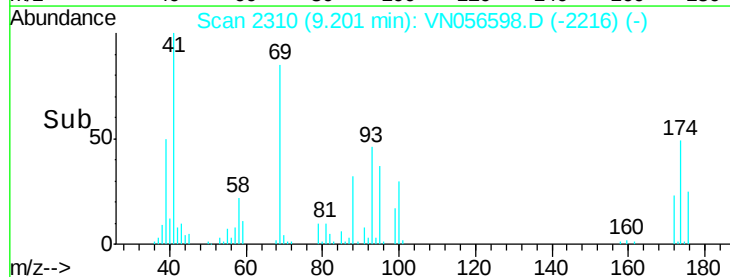
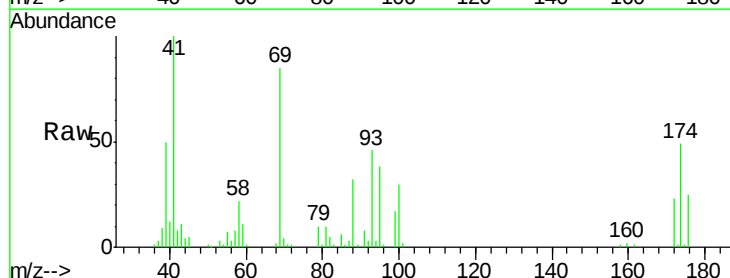
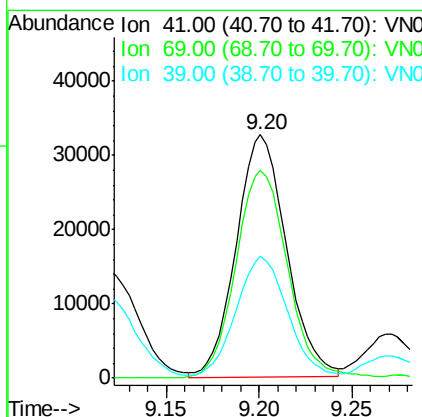
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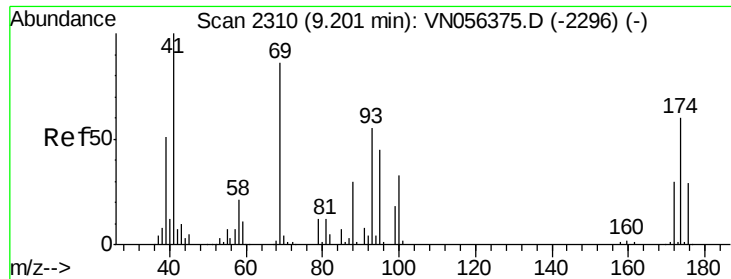
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#48
Methyl methacrylate
Concen: 21.174 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN056598.D
Acq: 3 Jul 2019 20:34

Tgt Ion	41	Resp	61741
Ion Ratio	100	Lower	Upper
41	100		
69	88.1	72.6	109.0
39	52.0	42.6	63.8





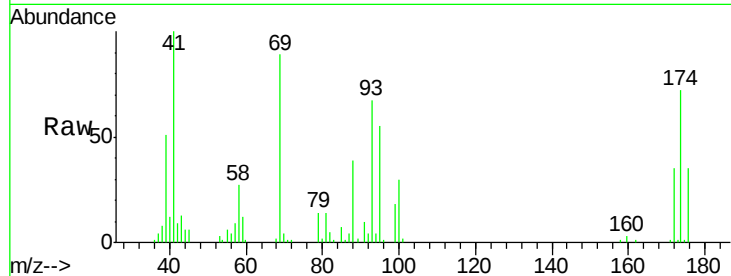
#49
1,4-Dioxane
Concen: 440.072 ug/l
RT: 9.21 min Scan# 2312
Delta R.T. 0.01 min
Lab File: VN056598.D
Acq: 3 Jul 2019 20:34

Instrument :
MSVOA_N
ClientSampleId :
VN0704WBSD01

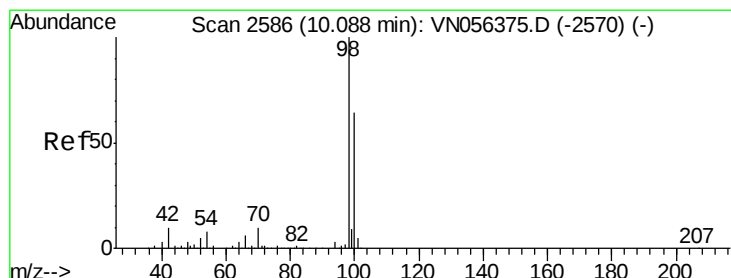
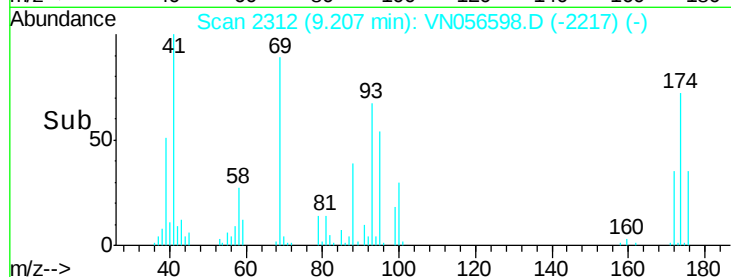
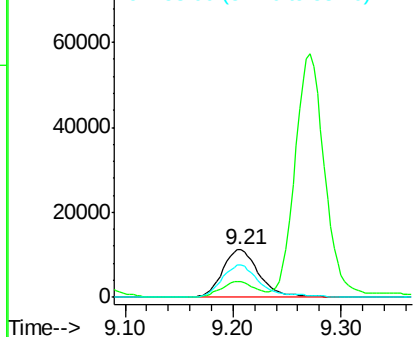
Tot Ion	88	Resp	26629
Ion	Ratio	Lower	Upper
88	100		
43	28.6	22.0	33.0
58	70.7	51.8	77.8

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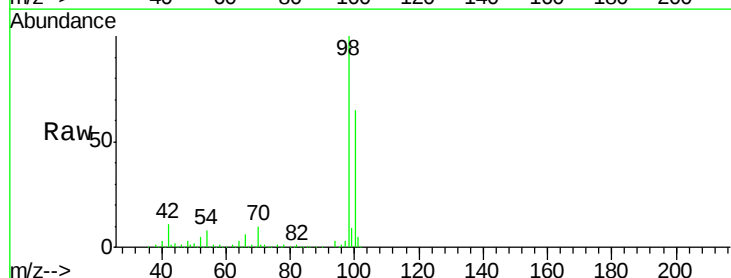


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

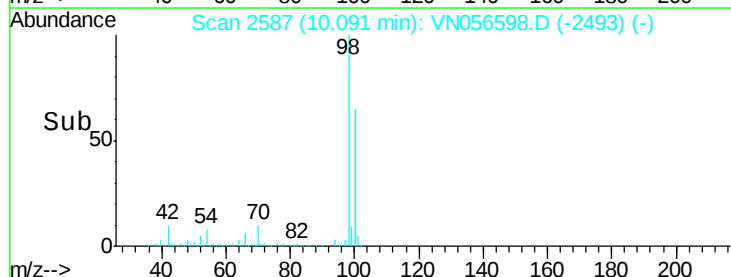
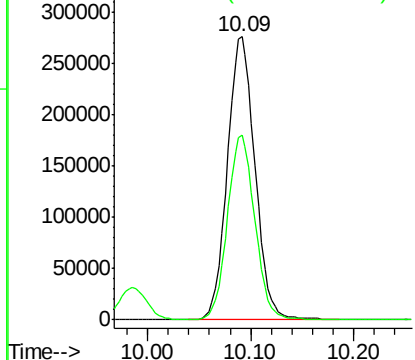


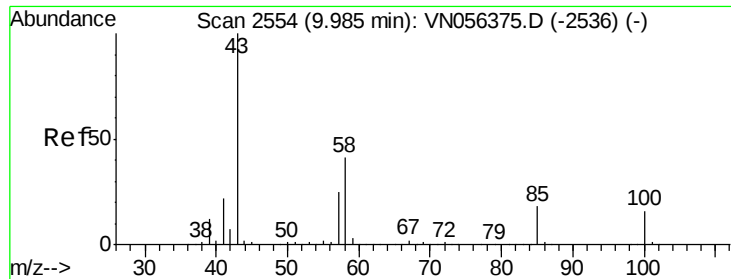
#50
Toluene-d8
Concen: 48.584 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN056598.D
Acq: 3 Jul 2019 20:34

Tgt Ion	98	Resp	514479
Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.2	78.2



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 110.252 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056598.D

Acq: 3 Jul 2019 20:34

Instrument :

MSVOA_N

ClientSampled :

VN0704WBSD01

Tot Ion: 43 Resp: 414063

Ion Ratio Lower Upper

43 100

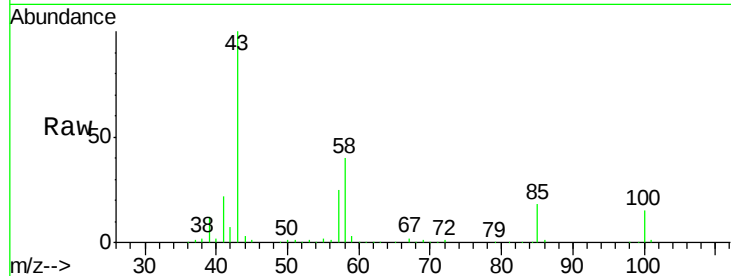
58 39.9 31.8 47.8

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.99

200000

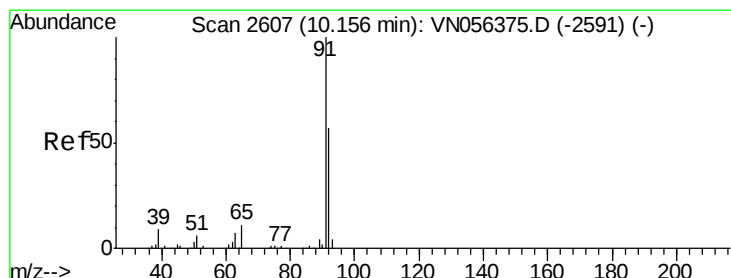
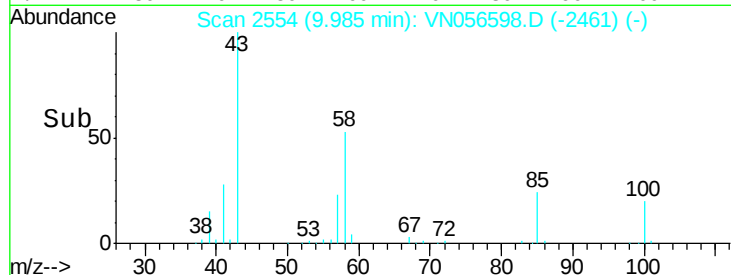
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.048 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056598.D

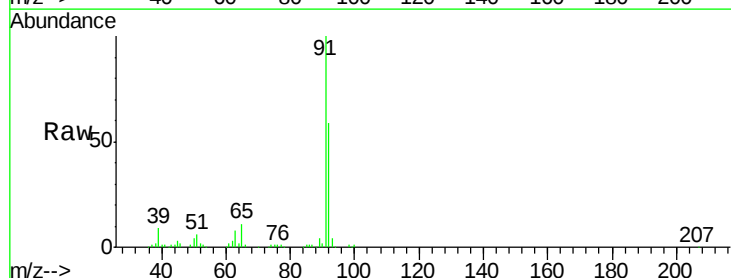
Acq: 3 Jul 2019 20:34

Tgt Ion: 92 Resp: 137547

Ion Ratio Lower Upper

92 100

91 173.6 140.6 211.0



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

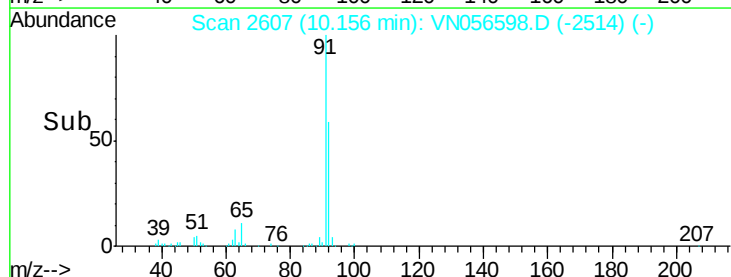
150000

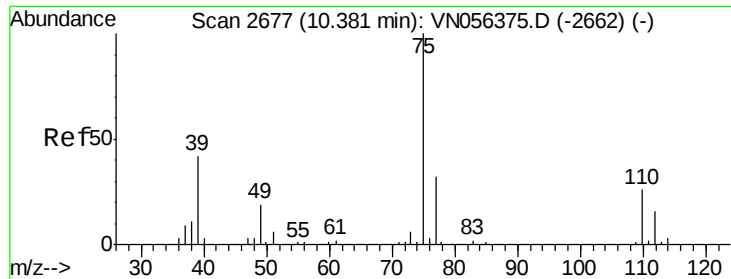
100000

50000

0

Time-->





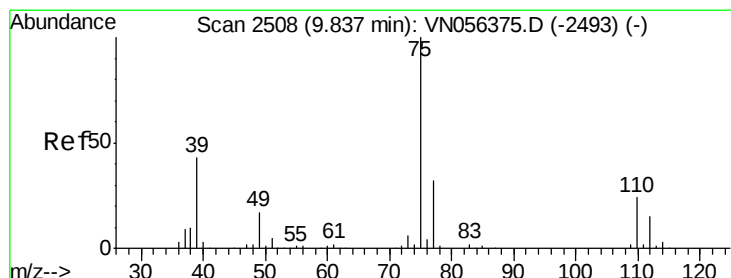
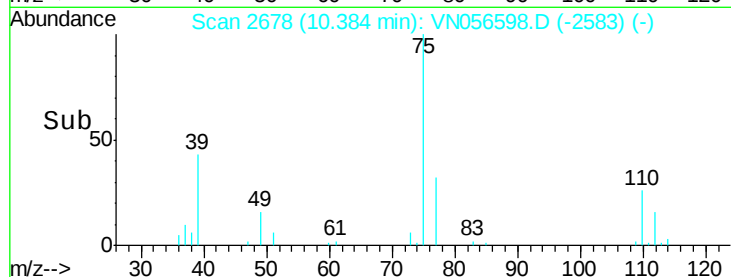
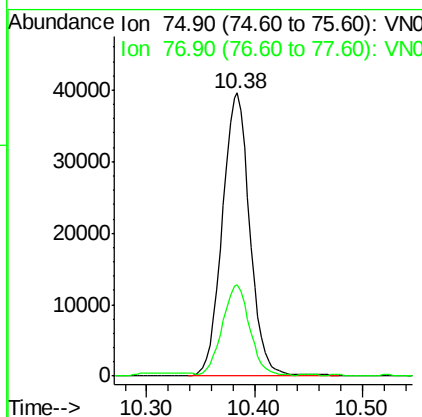
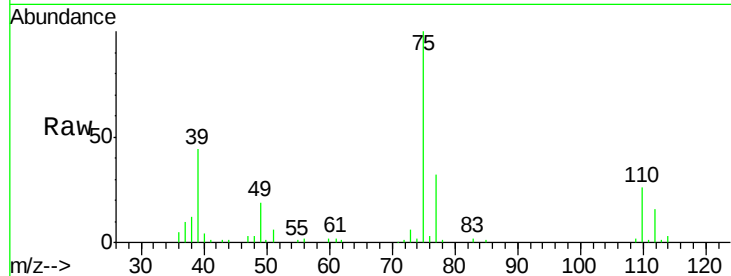
#53
t-1,3-Dichloropropene
Concen: 19.143 ug/l
RT: 10.38 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN056598.D
Acq: 3 Jul 2019 20:34

Instrument :
MSVOA_N
ClientSampleId :
VN0704WBSD01

Tot Ion: 75 Resp: 70417
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.2

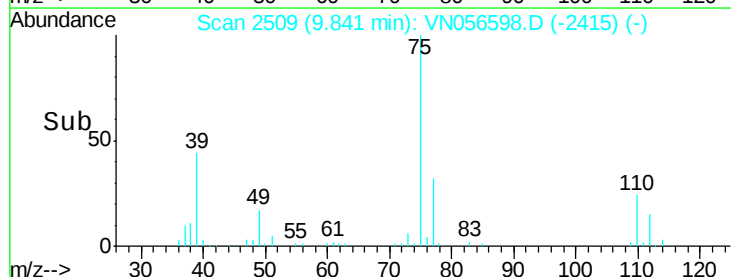
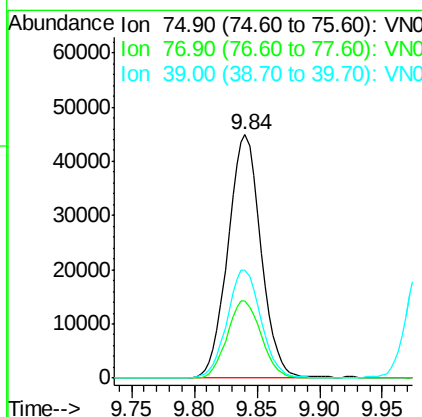
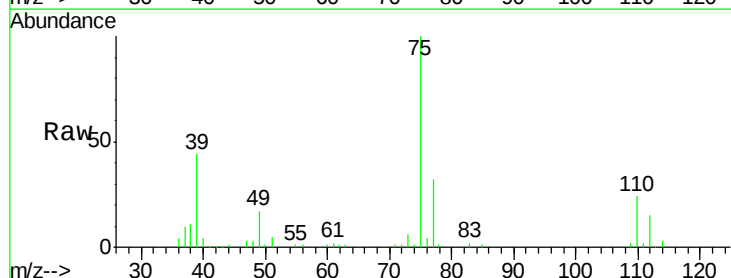
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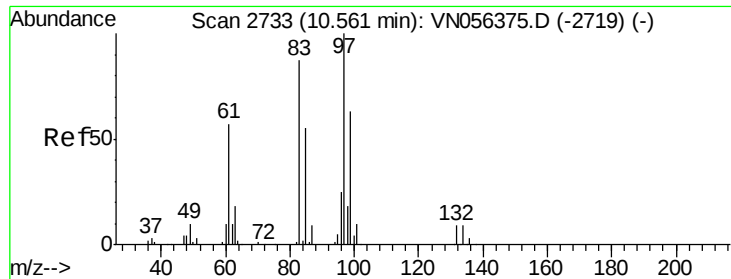
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#54
cis-1,3-Dichloropropene
Concen: 19.473 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN056598.D
Acq: 3 Jul 2019 20:34

Tgt Ion: 75 Resp: 82193
Ion Ratio Lower Upper
75 100
77 31.8 25.2 37.8
39 44.4 34.2 51.4





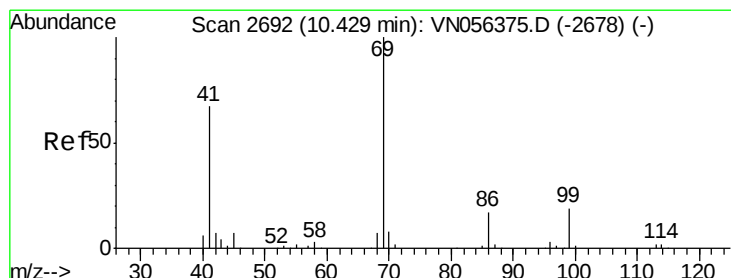
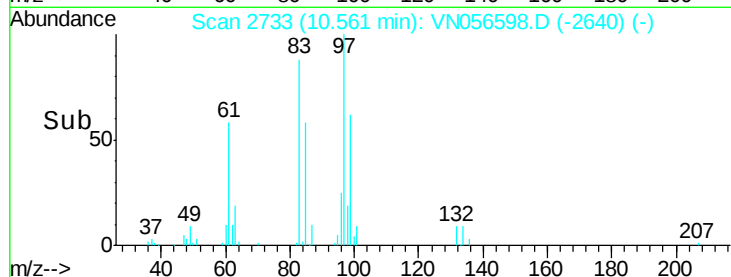
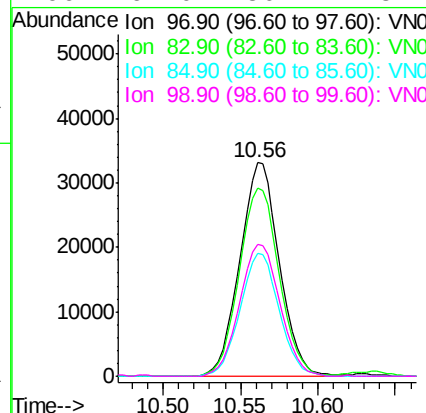
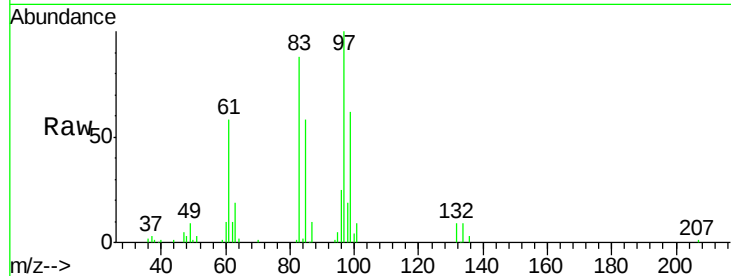
#55
 1,1,2-Trichloroethane
 Concen: 20.190 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN056598.D
 Acq: 3 Jul 2019 20:34

Instrument :
 MSVOA_N
 ClientSampled :
 VN0704WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		58602		
83	87.9	69.8	104.6		
85	57.5	43.8	65.8		
99	62.0	50.2	75.2		

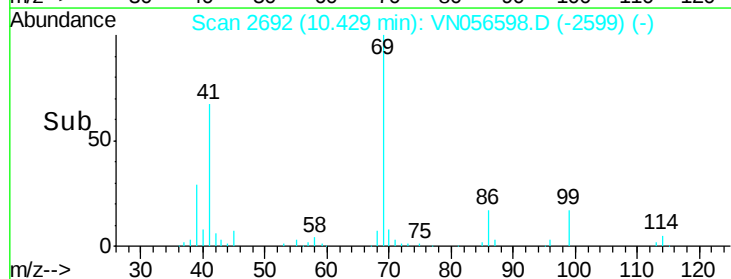
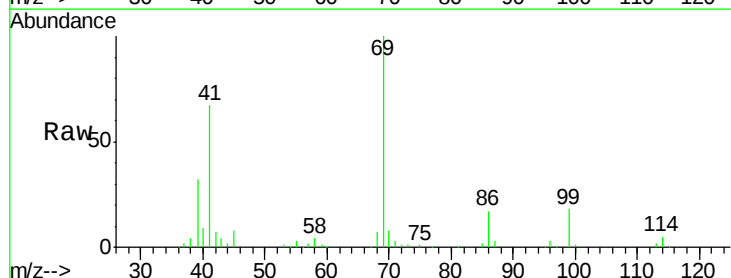
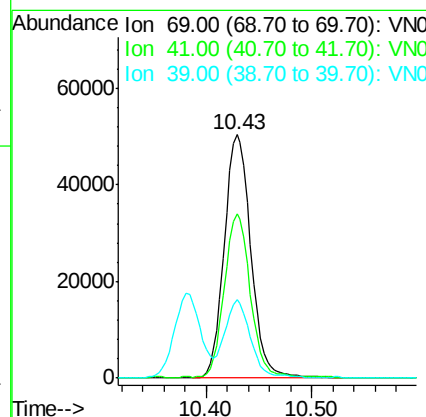
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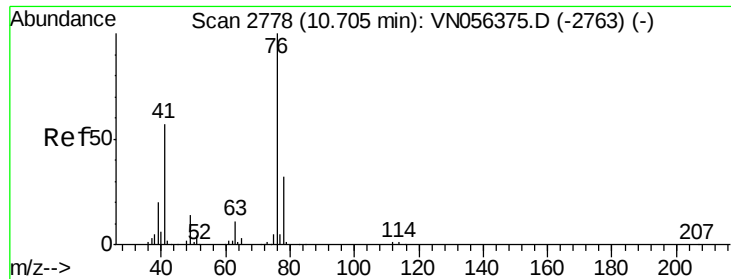
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 7/8/2019 10:08:16 AM



#56
 Ethyl methacrylate
 Concen: 20.758 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN056598.D
 Acq: 3 Jul 2019 20:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		88052		
41	66.9	51.4	77.2		
39	30.7	24.7	37.1		





#57

1,3-Dichloropropane

Concen: 20.140 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN056598.D

Acq: 3 Jul 2019 20:34

Instrument :

MSVOA_N

ClientSampleId :

VN0704WBSD01

Tot Ion: 76 Resp: 98208

Ion Ratio Lower Upper

76 100

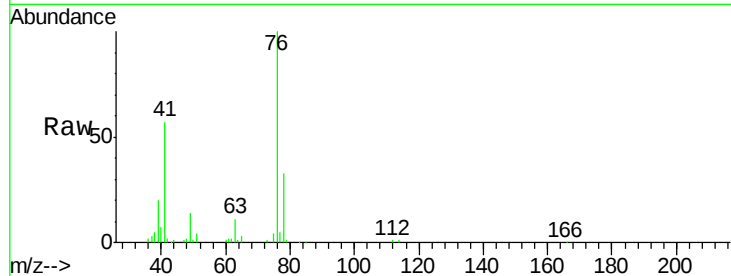
78 32.4 25.9 38.9

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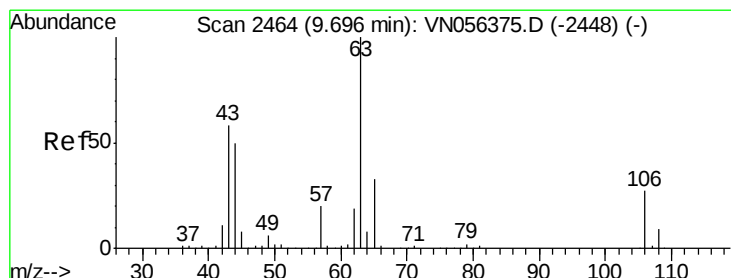
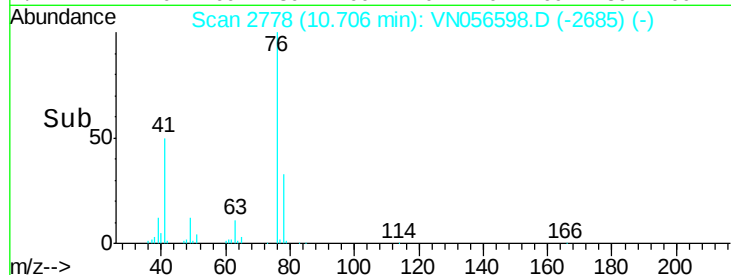
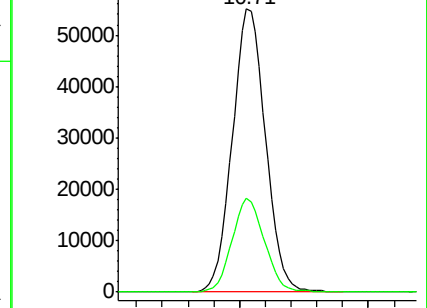
MMDadoda

7/8/2019 10:08:16 AM



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 144.740 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN056598.D

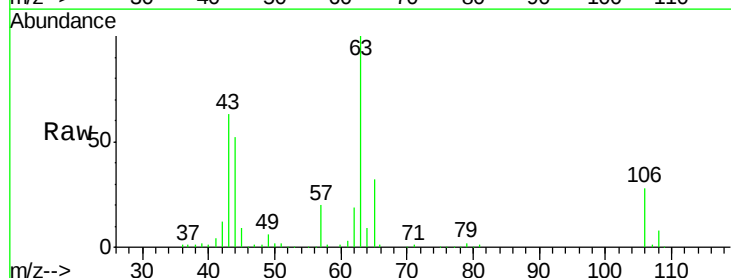
Acq: 3 Jul 2019 20:34

Tgt Ion: 63 Resp: 220571

Ion Ratio Lower Upper

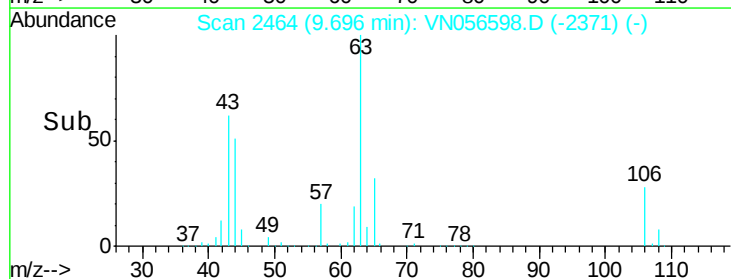
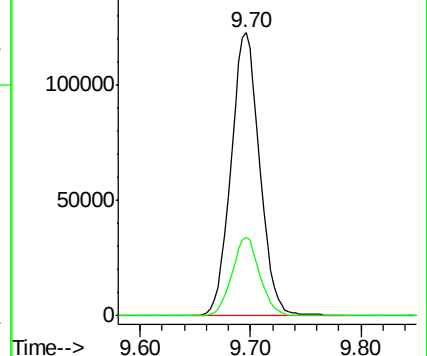
63 100

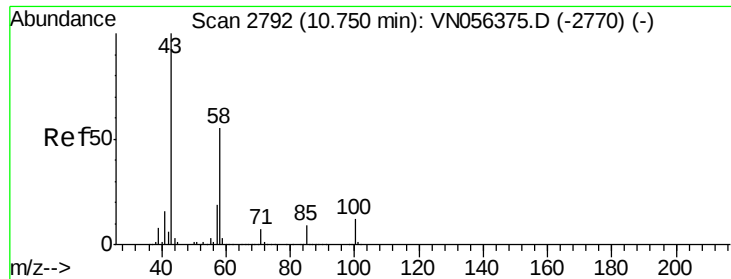
106 26.9 21.6 32.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





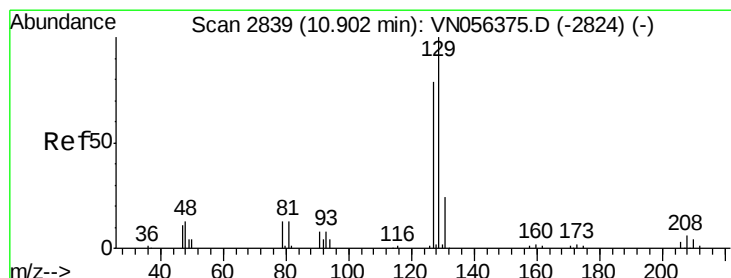
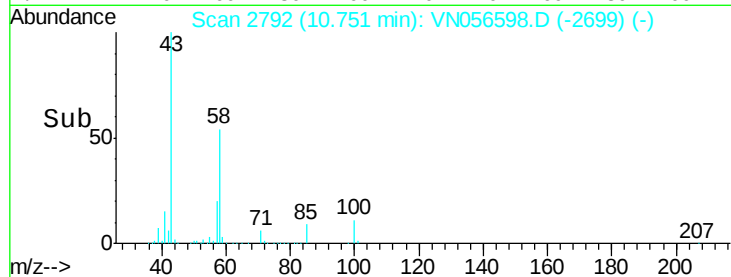
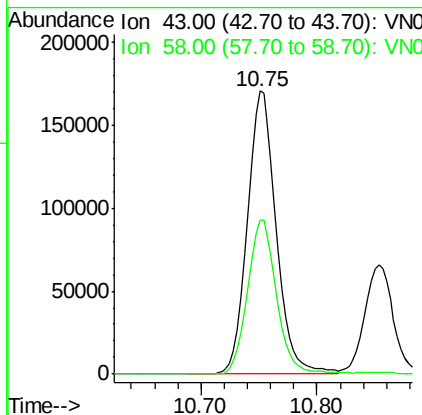
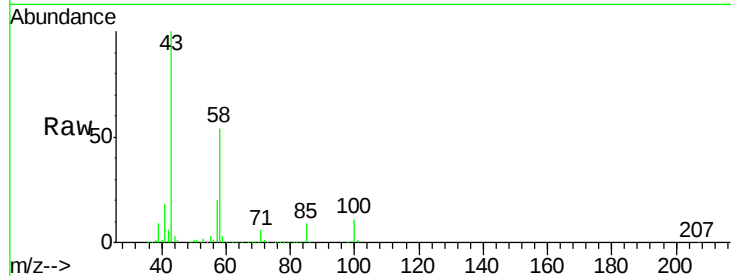
#59
2-Hexanone
Concen: 107.387 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN056598.D
Acq: 3 Jul 2019 20:34

Instrument :
MSVOA_N
ClientSampleId :
VN0704WBSD01

Tot Ion: 43 Resp: 296412
Ion Ratio Lower Upper
43 100
58 54.8 27.8 83.4

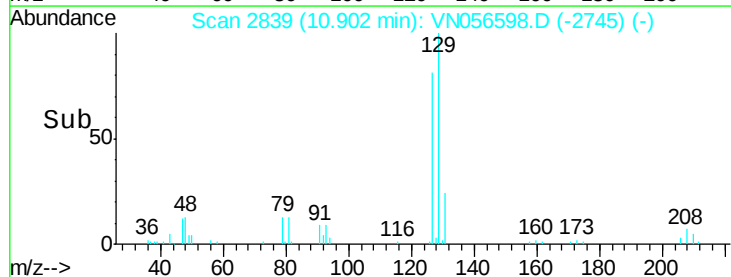
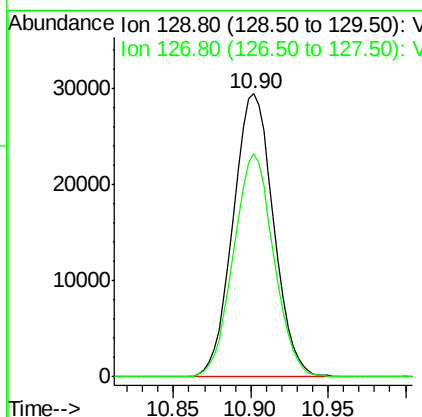
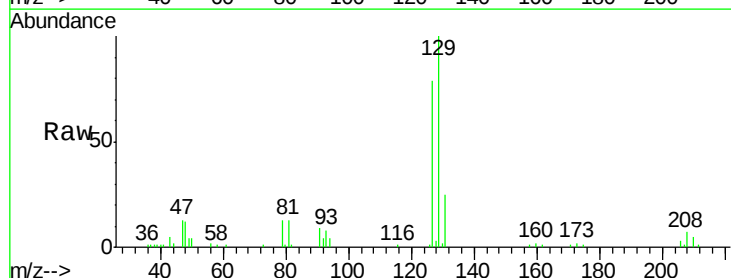
Manual Integrations
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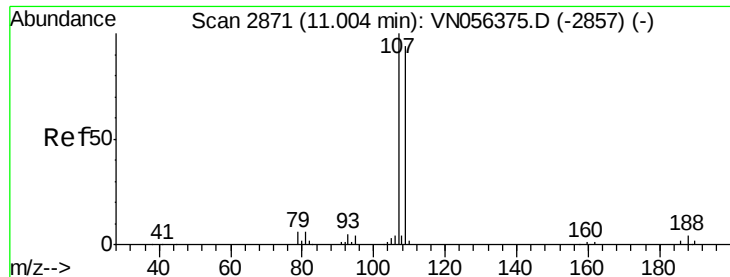
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#60
Dibromochloromethane
Concen: 19.515 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056598.D
Acq: 3 Jul 2019 20:34

Tgt Ion: 129 Resp: 53672
Ion Ratio Lower Upper
129 100
127 78.1 38.9 116.7





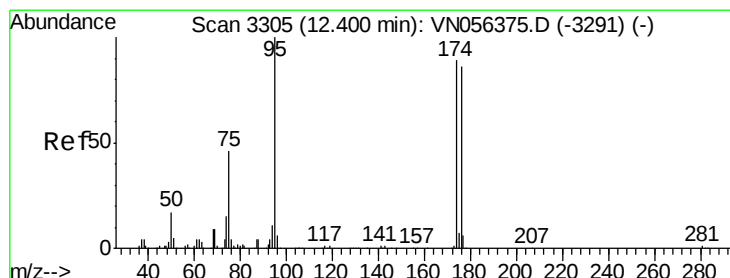
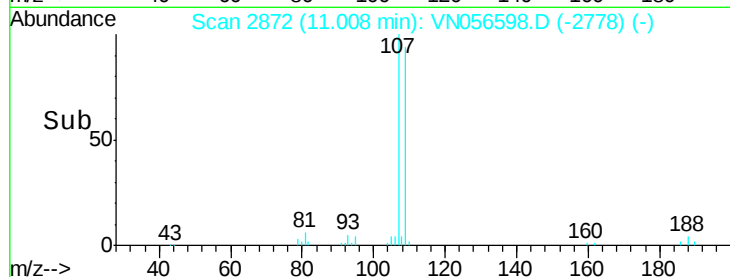
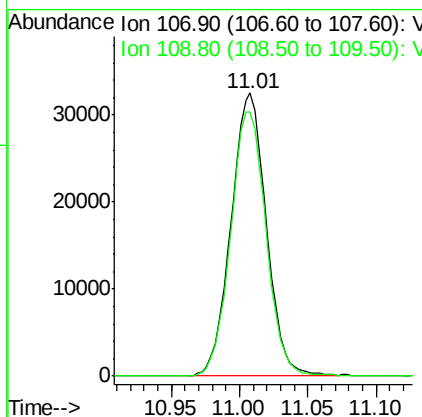
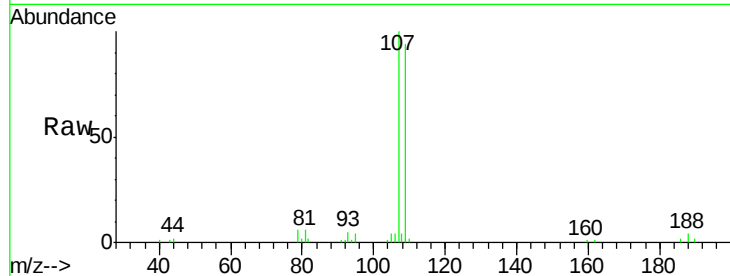
#61
 1,2-Dibromoethane
 Concen: 19.656 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN056598.D
 Acq: 3 Jul 2019 20:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0704WBSD01

Tot Ion: 107 Resp: 58271
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.3 112.9

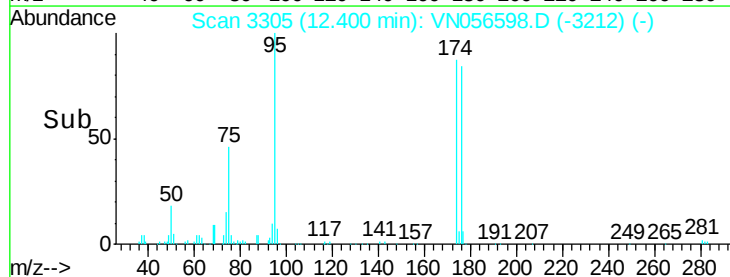
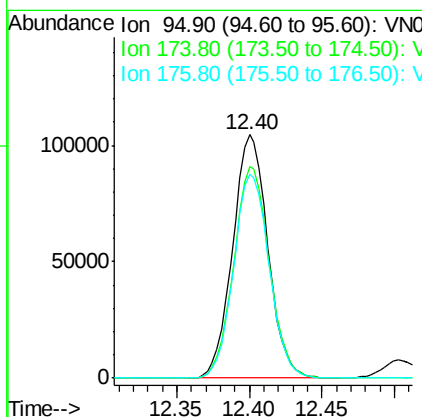
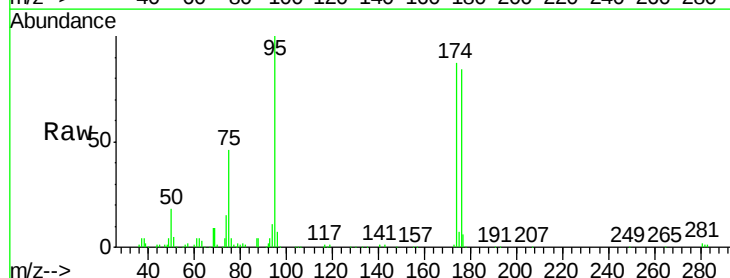
Manual Integrations
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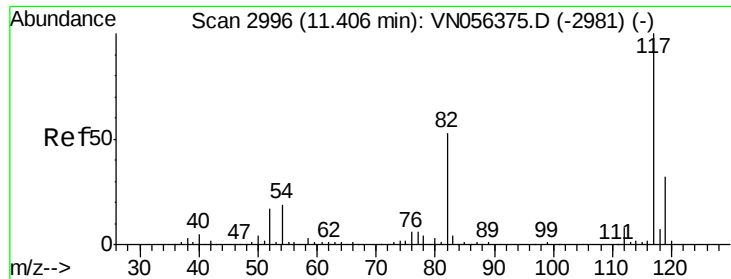
MMDadoda
 7/8/2019 10:08:16 AM



#62
 4-Bromofluorobenzene
 Concen: 49.790 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN056598.D
 Acq: 3 Jul 2019 20:34

Tgt Ion: 95 Resp: 175763
 Ion Ratio Lower Upper
 95 100
 174 88.1 0.0 179.4
 176 84.8 0.0 173.4





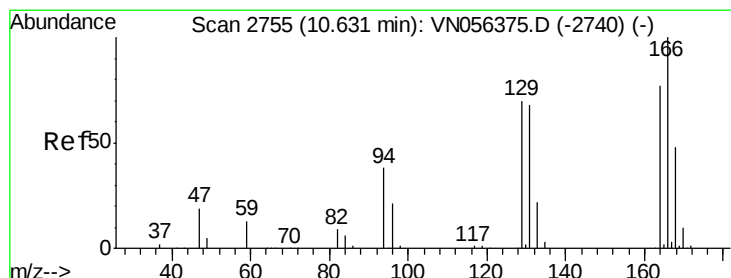
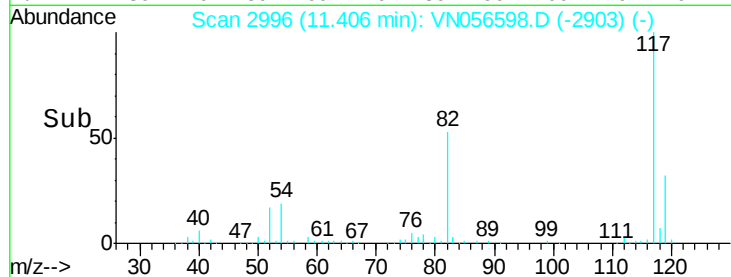
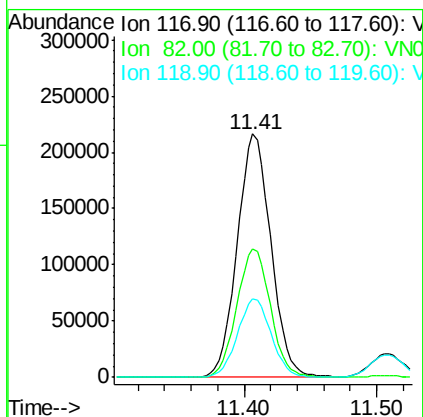
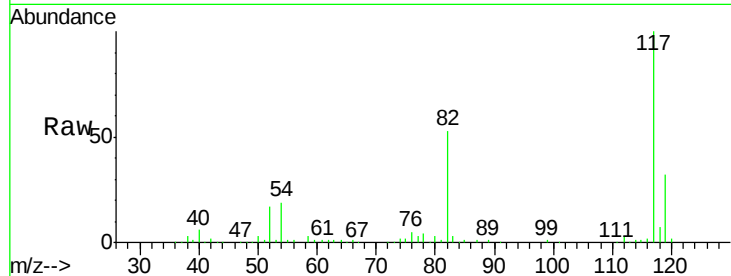
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056598.D
Acq: 3 Jul 2019 20:34

Instrument :
MSVOA_N
ClientSampleId :
VN0704WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.6	42.0	63.0
119	32.0	25.3	37.9

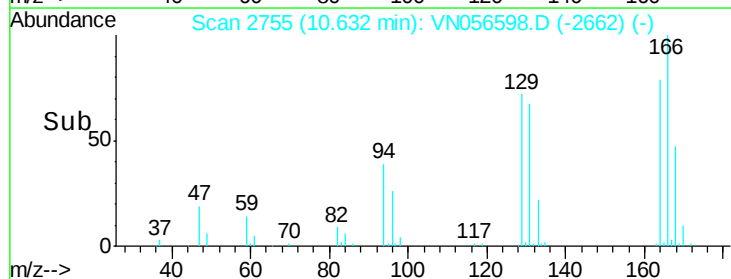
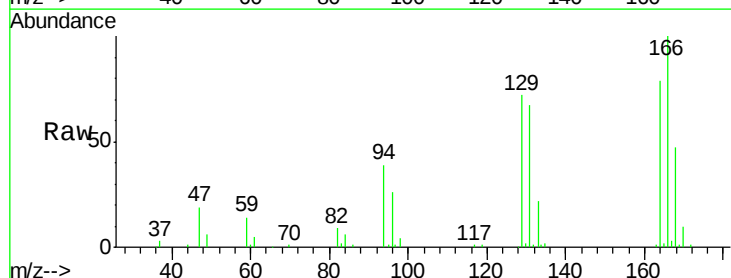
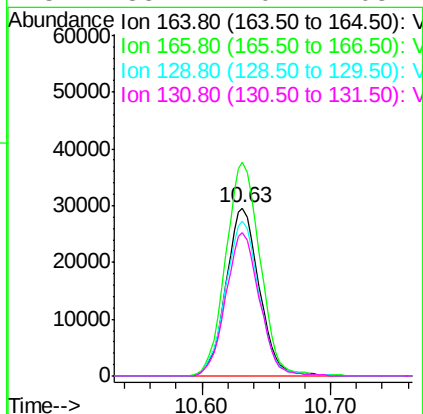
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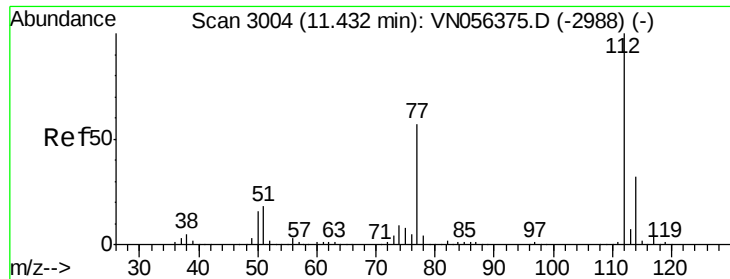
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#64
Tetrachloroethene
Concen: 17.472 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056598.D
Acq: 3 Jul 2019 20:34

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.2	103.4	155.0
129	92.0	72.0	108.0
131	85.4	70.2	105.2





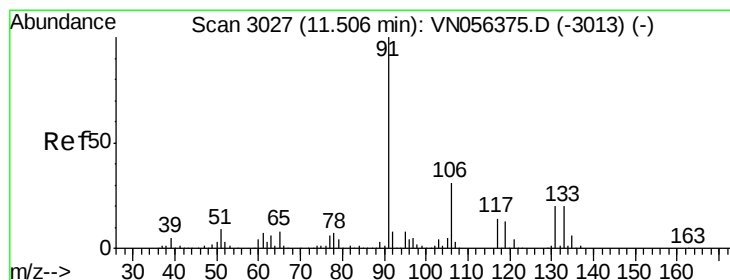
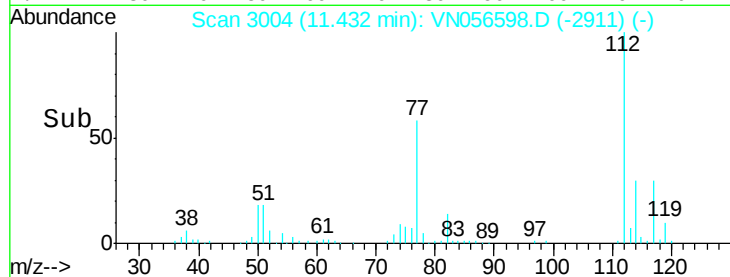
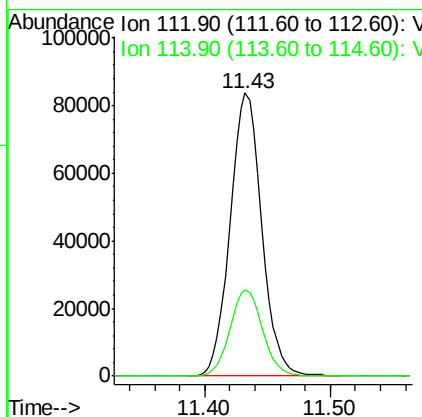
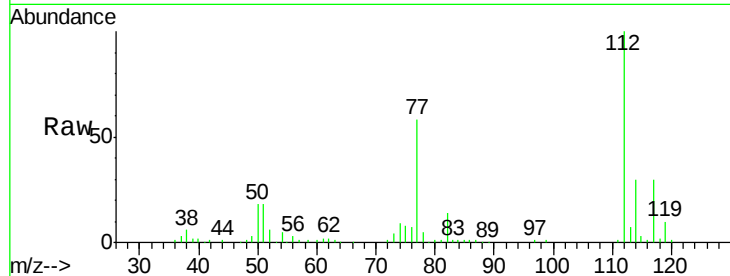
#65
Chlorobenzene
Concen: 19.087 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056598.D
Acq: 3 Jul 2019 20:34

Instrument :
MSVOA_N
ClientSampleId :
VN0704WBSD01

Tot Ion:112 Resp: 146544
Ion Ratio Lower Upper
112 100
114 30.5 25.4 38.2

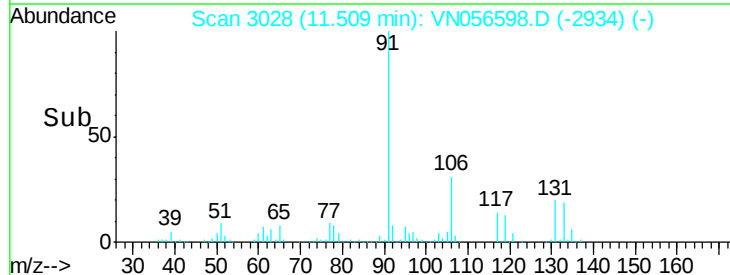
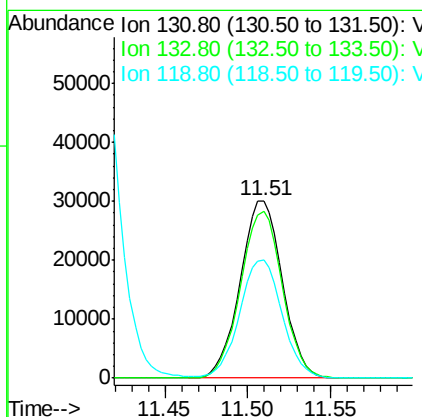
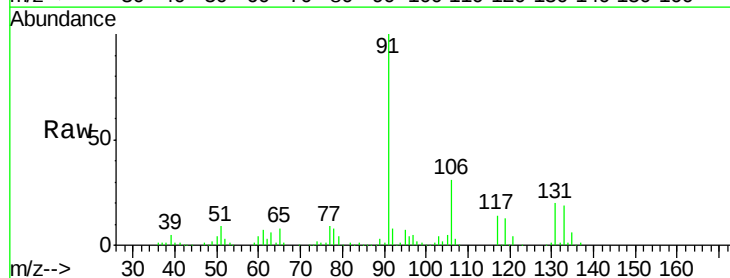
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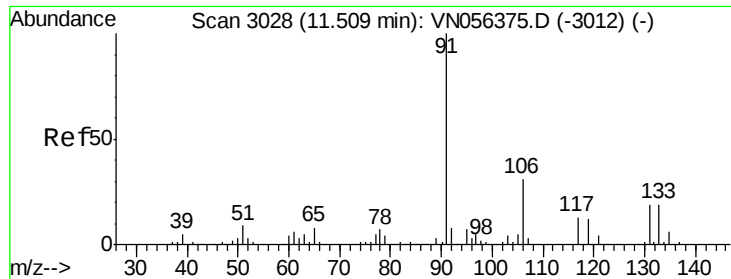
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.464 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056598.D
Acq: 3 Jul 2019 20:34

Tgt Ion:131 Resp: 53103
Ion Ratio Lower Upper
131 100
133 93.8 47.4 142.2
119 67.4 32.8 98.4





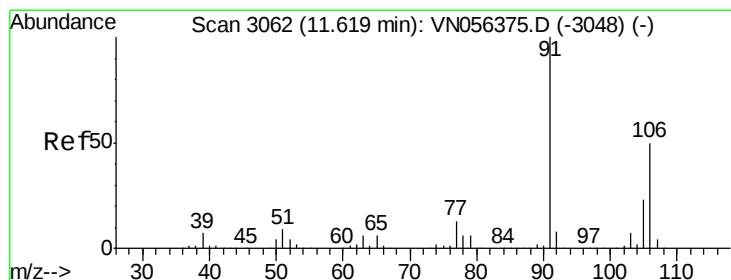
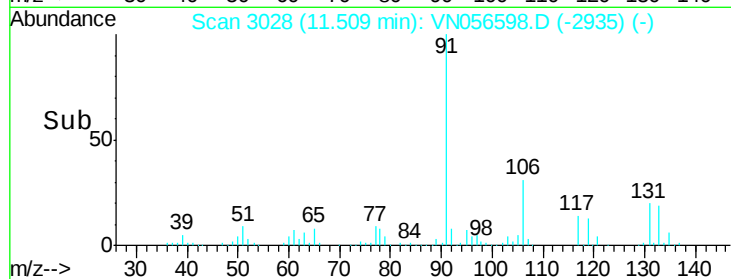
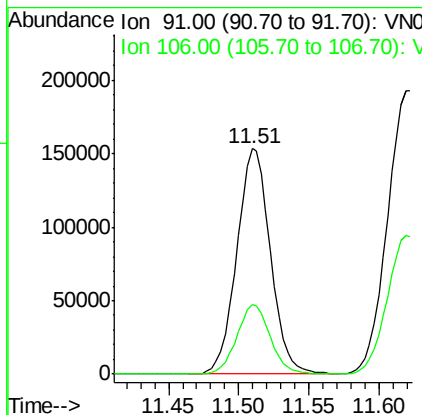
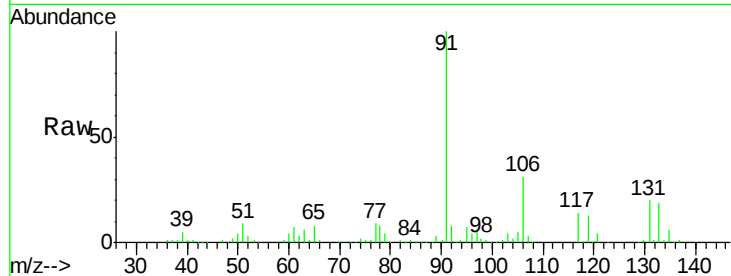
#67
Ethyl Benzene
Concen: 19.028 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056598.D
Acq: 3 Jul 2019 20:34

Instrument :
MSVOA_N
ClientSampled :
VN0704WBSD01

Tot Ion: 91 Resp: 256515
Ion Ratio Lower Upper
91 100
106 30.7 25.1 37.7

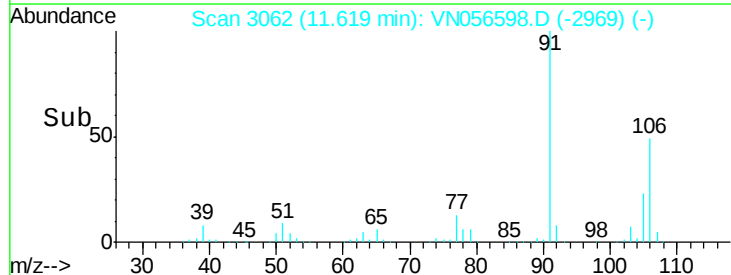
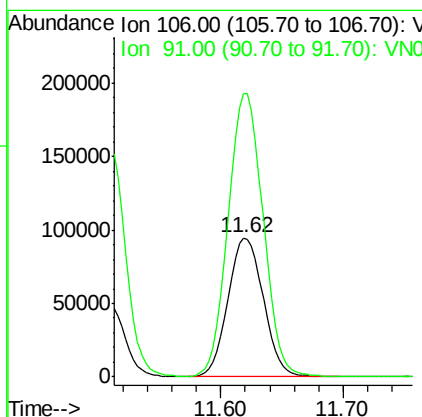
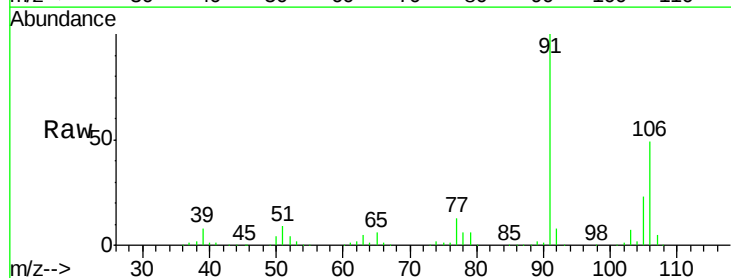
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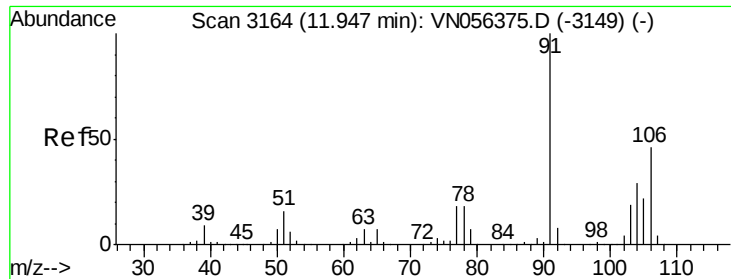
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#68
m/p-Xylenes
Concen: 38.775 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056598.D
Acq: 3 Jul 2019 20:34

Tgt Ion: 106 Resp: 191569
Ion Ratio Lower Upper
106 100
91 201.7 160.1 240.1





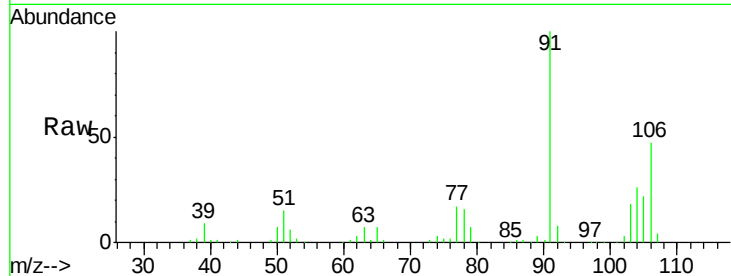
#69
o-Xylene
Concen: 19.590 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056598.D
Acq: 3 Jul 2019 20:34

Instrument :
MSVOA_N
ClientSampled :
VN0704WBSD01

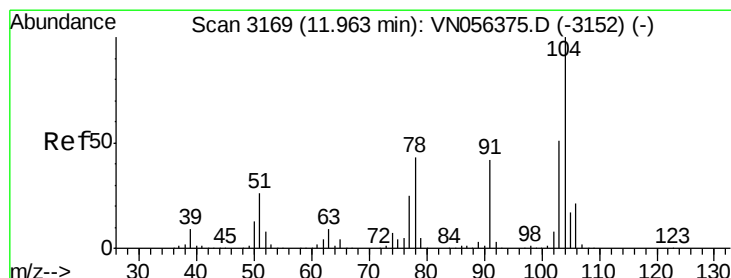
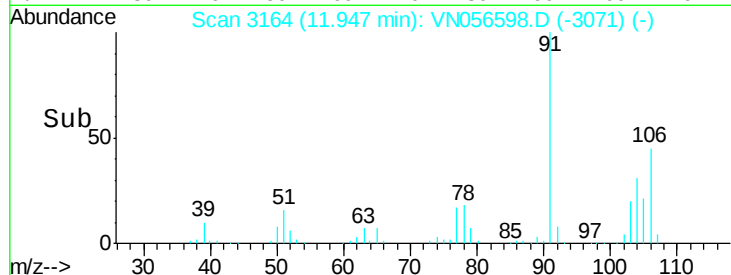
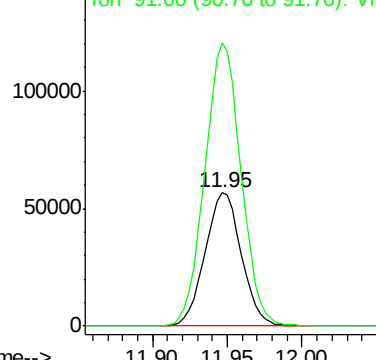
Tot Ion:106 Resp: 95752
Ion Ratio Lower Upper
106 100
91 211.8 107.1 321.3

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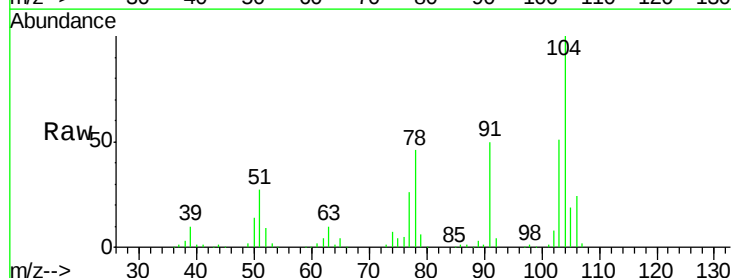


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

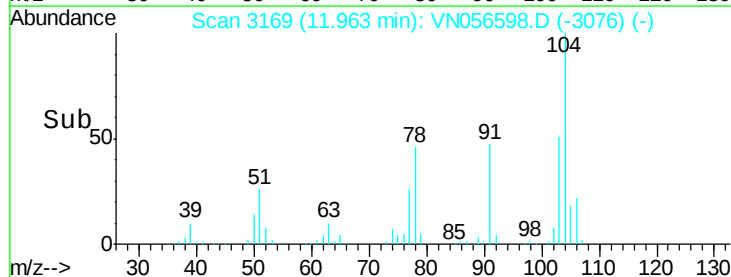
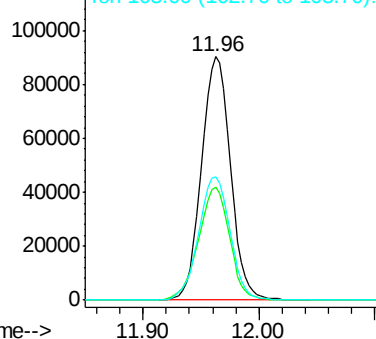


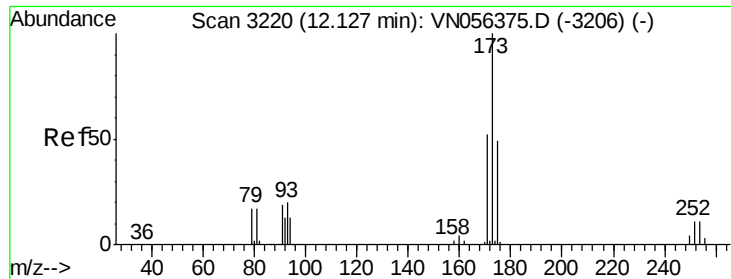
#70
Styrene
Concen: 19.895 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056598.D
Acq: 3 Jul 2019 20:34

Tgt Ion:104 Resp: 155433
Ion Ratio Lower Upper
104 100
78 50.1 38.6 57.8
103 55.2 43.9 65.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





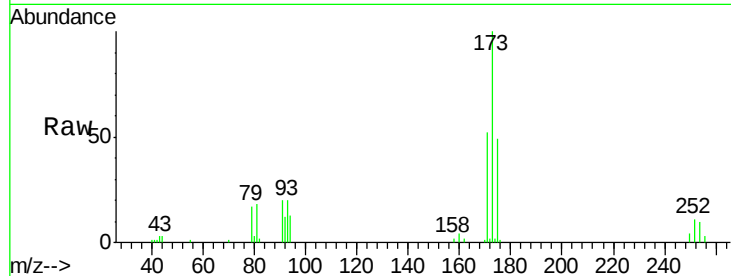
#71
Bromoform
Concen: 19.330 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056598.D
Acq: 3 Jul 2019 20:34

Instrument :
MSVOA_N
ClientSampleId :
VN0704WBSD01

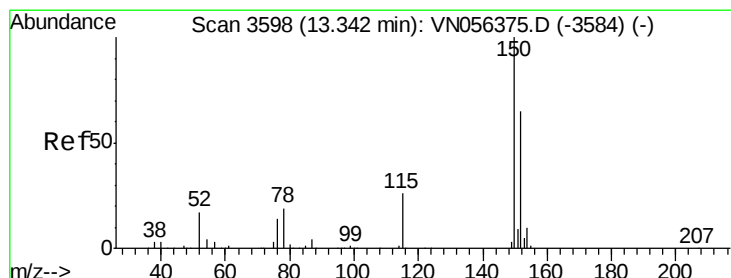
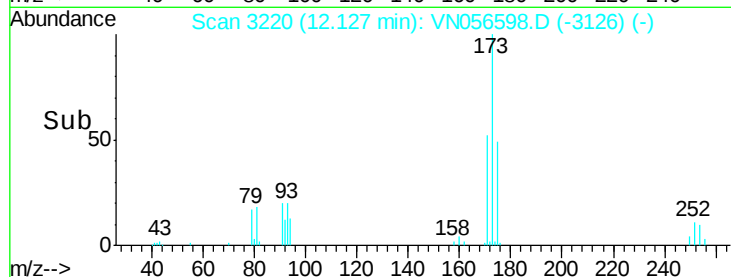
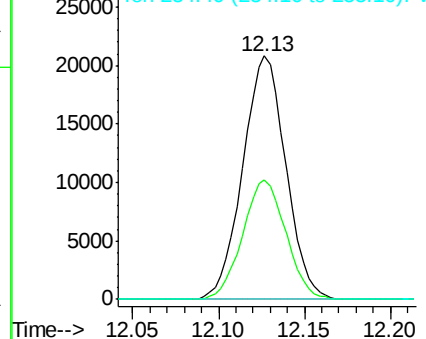
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.4	73.4
254	0.0	0.0	0.0

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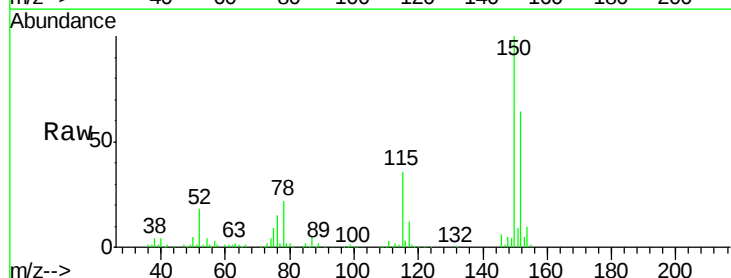


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

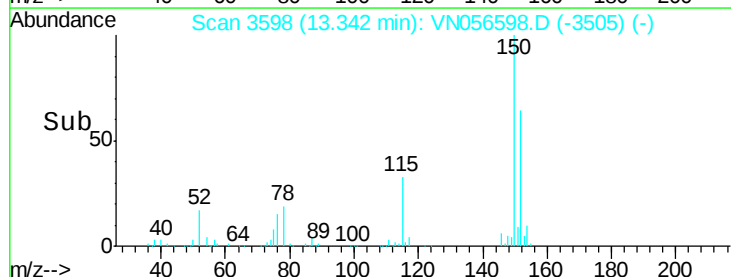
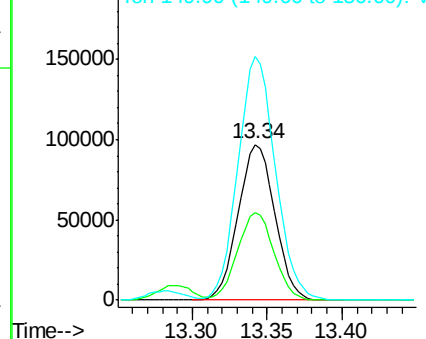


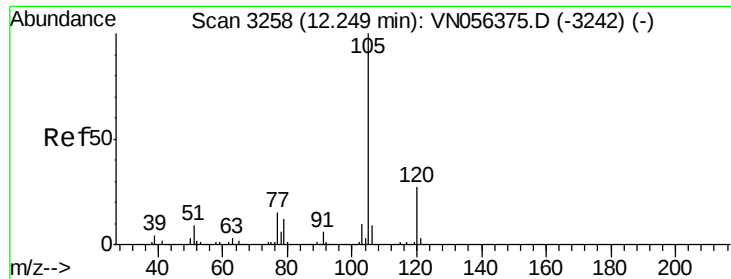
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056598.D
Acq: 3 Jul 2019 20:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.9	28.1	84.4
150	160.0	0.0	348.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.586 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056598.D

Acq: 3 Jul 2019 20:34

Instrument :

MSVOA_N

ClientSampled :

VN0704WBSD01

Tot Ion: 105 Resp: 251865

Ion Ratio Lower Upper

105 100

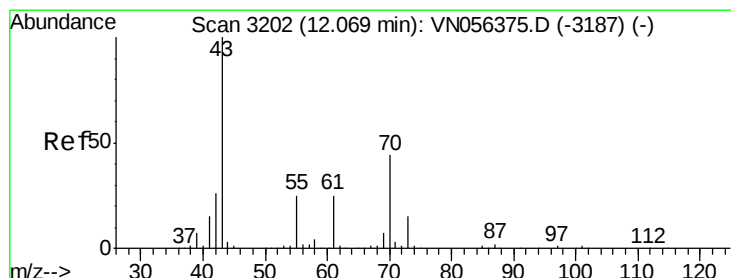
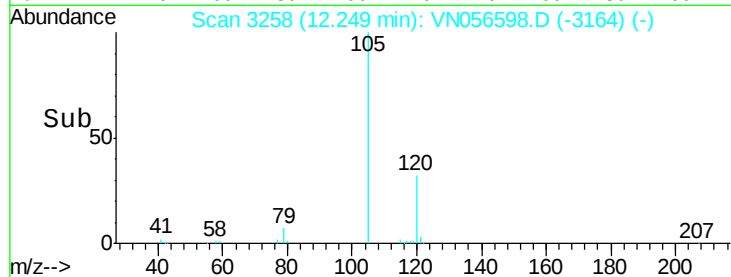
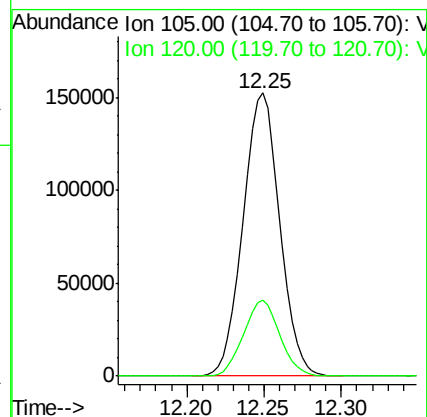
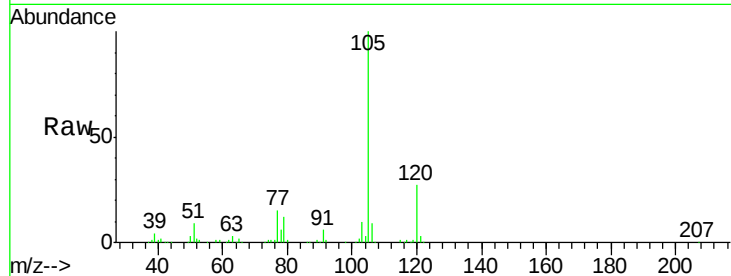
120 26.4 13.4 40.2

Manual Integrations

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#74

N-ethyl acetate

Concen: 18.859 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056598.D

Acq: 3 Jul 2019 20:34

Tgt Ion: 43 Resp: 99271

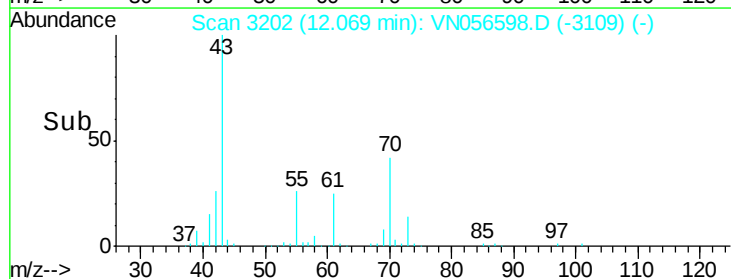
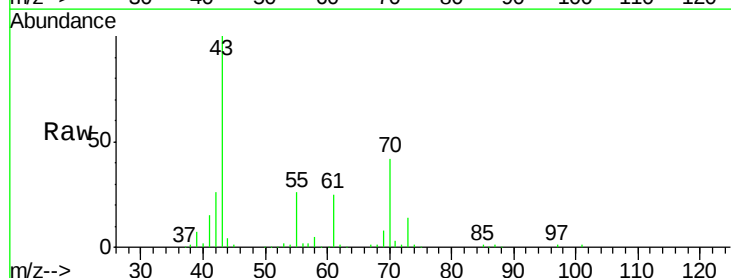
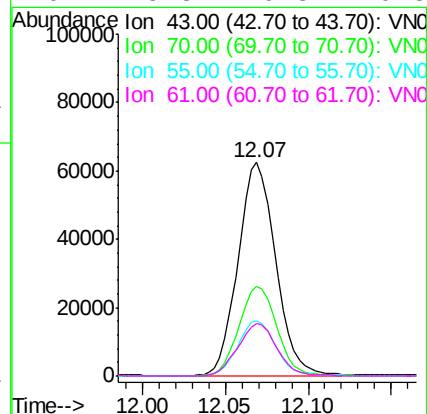
Ion Ratio Lower Upper

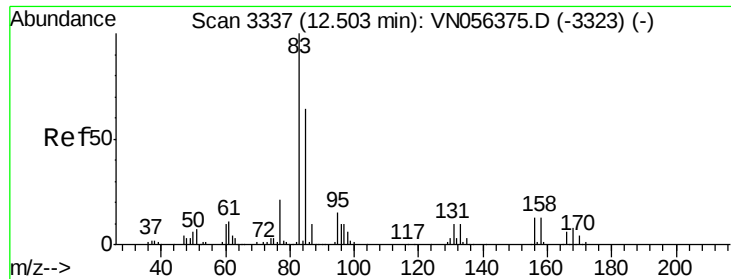
43 100

70 42.6 34.9 52.3

55 26.1 20.4 30.6

61 25.3 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.491 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056598.D

Acq: 3 Jul 2019 20:34

Instrument :

MSVOA_N

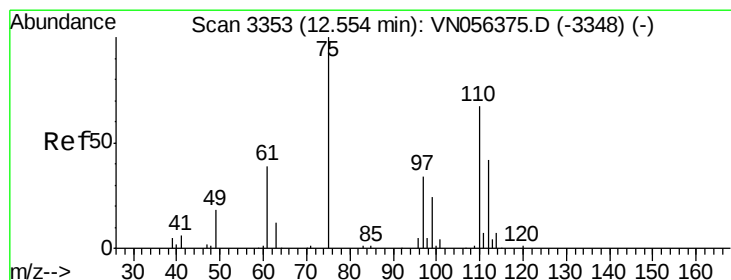
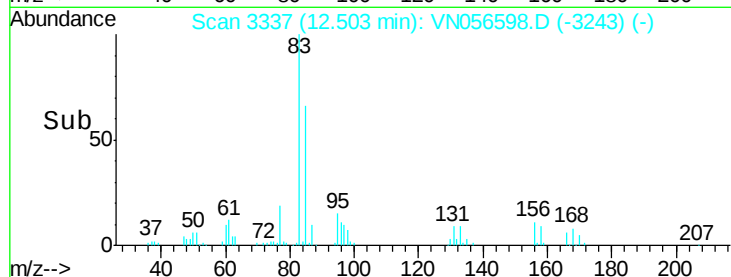
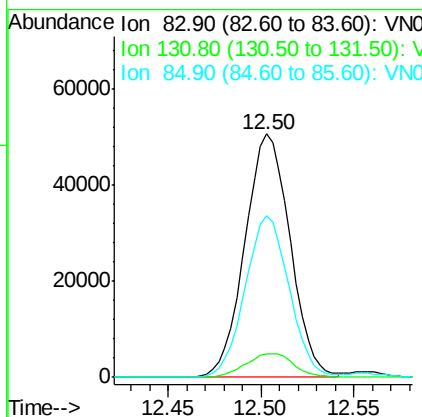
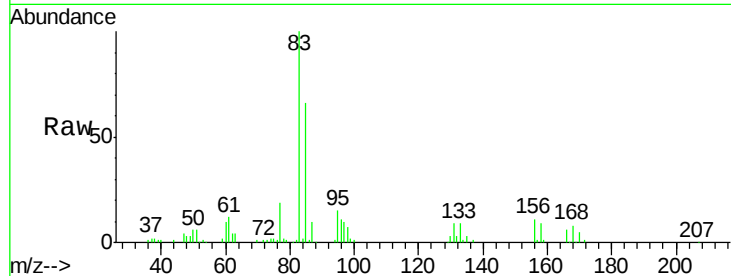
ClientSampleId :

VN0704WBSD01

Tot Ion:	83	Resp:	85784
Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.3	15.8
85	64.9	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 21.908 ug/l m

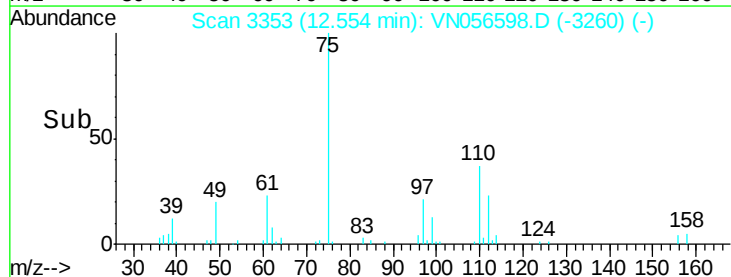
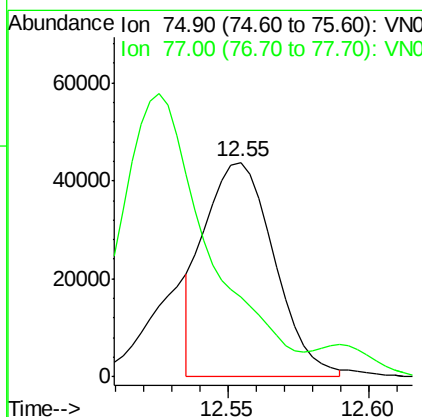
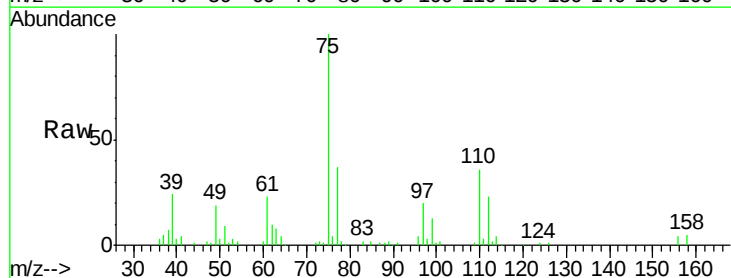
RT: 12.55 min Scan# 3353

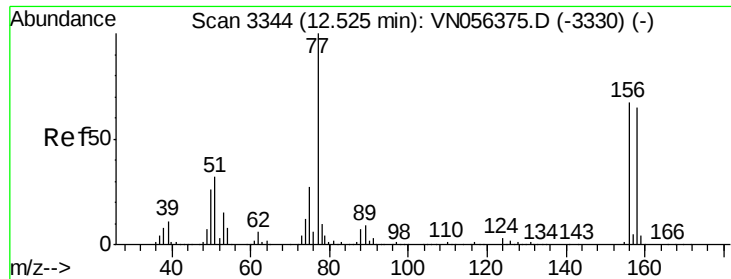
Delta R.T. 0.00 min

Lab File: VN056598.D

Acq: 3 Jul 2019 20:34

Tgt Ion:	75	Resp:	75130
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 17.460 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056598.D

Acq: 3 Jul 2019 20:34

Instrument :

MSVOA_N

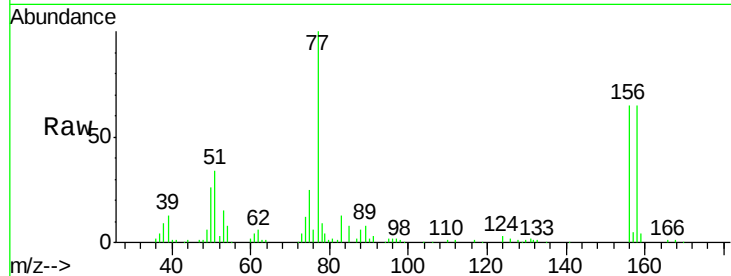
ClientSampleId :

VN0704WBSD01

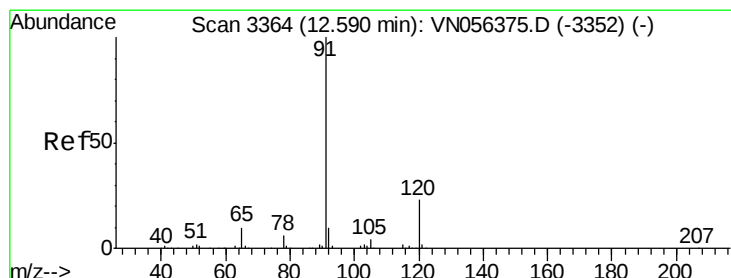
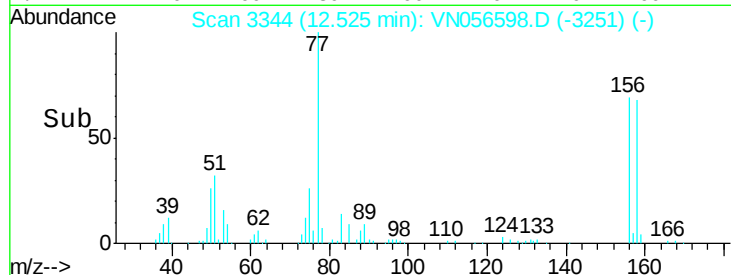
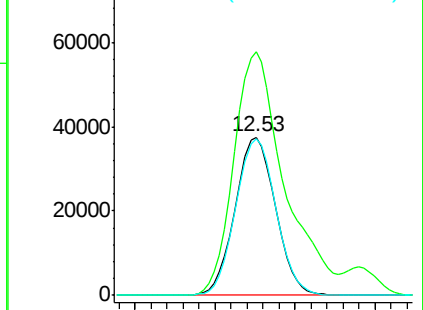
Tot Ion:	156	Resp:	64571
Ion	Ratio	Lower	Upper
156	100		
77	194.1	92.5	277.3
158	98.7	48.7	146.1

Manual Integrations
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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.053 ug/l

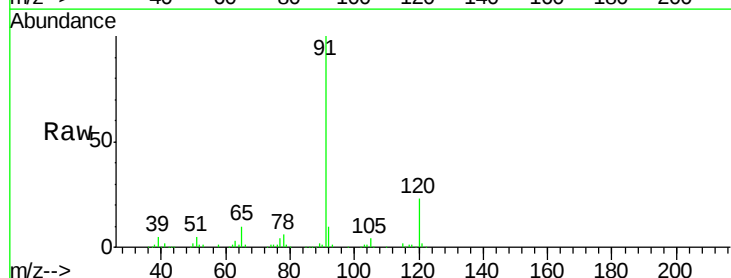
RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

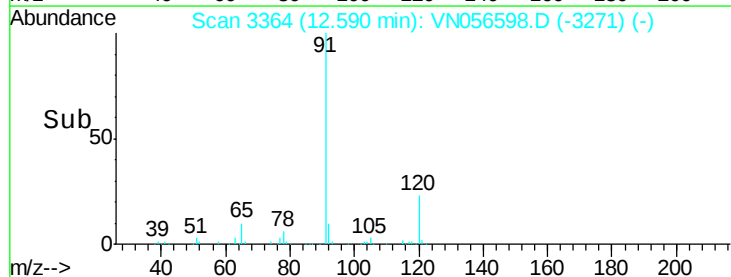
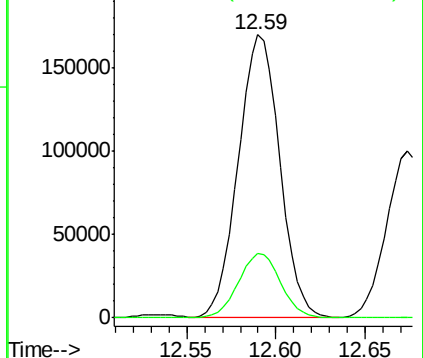
Lab File: VN056598.D

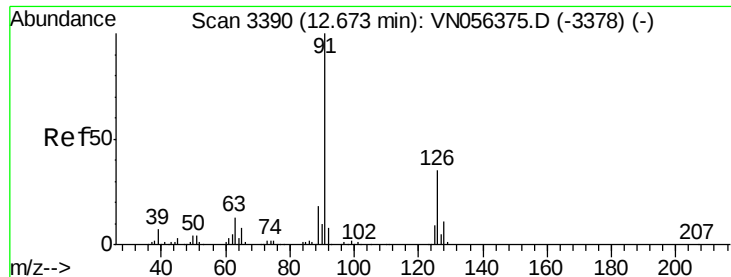
Acq: 3 Jul 2019 20:34

Tgt Ion:	91	Resp:	273433
Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.8	35.4



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.686 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056598.D

Acq: 3 Jul 2019 20:34

Instrument :

MSVOA_N

ClientSampleId :

VN0704WBSD01

Tot Ion: 91 Resp: 168347

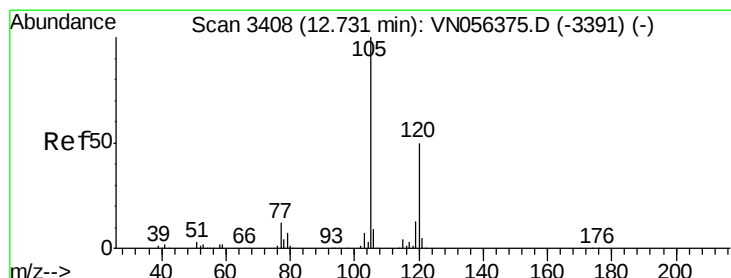
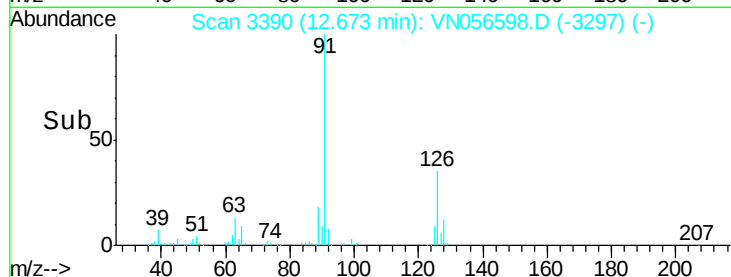
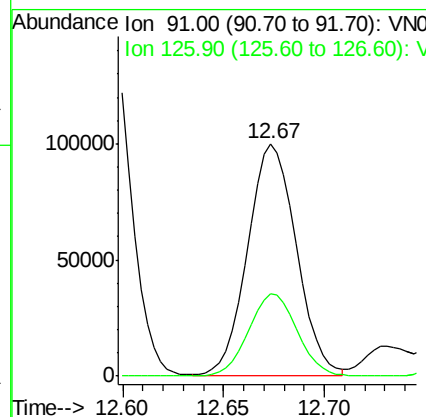
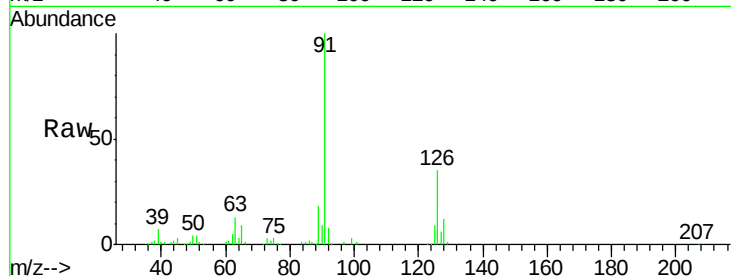
Ion Ratio Lower Upper

91 100

126 35.5 17.6 52.8

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 18.588 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056598.D

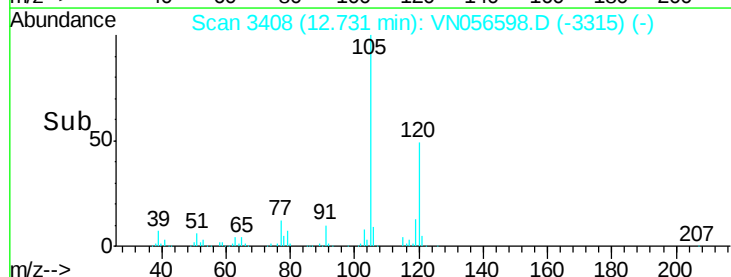
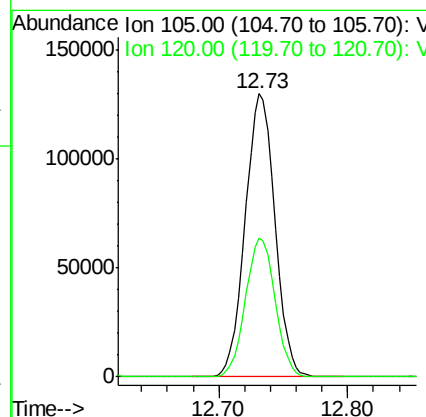
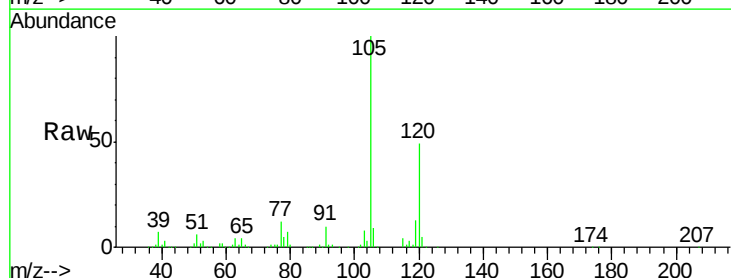
Acq: 3 Jul 2019 20:34

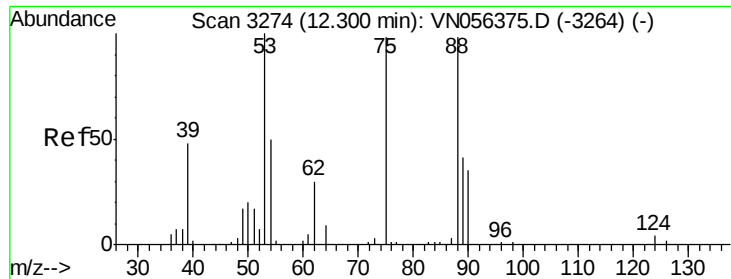
Tgt Ion: 105 Resp: 208249

Ion Ratio Lower Upper

105 100

120 49.0 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 19.479 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056598.D

Acq: 3 Jul 2019 20:34

Instrument :

MSVOA_N

ClientSampleId :

VN0704WBSD01

Tot Ion: 75 Resp: 18795

Ion Ratio Lower Upper

75 100

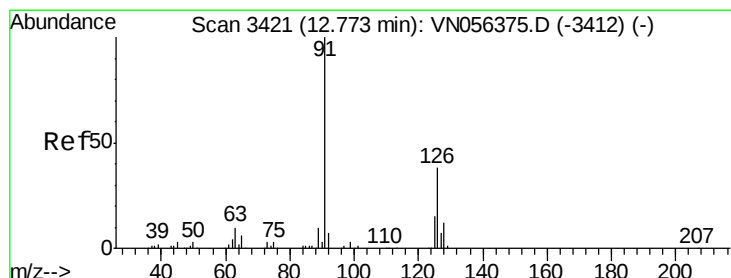
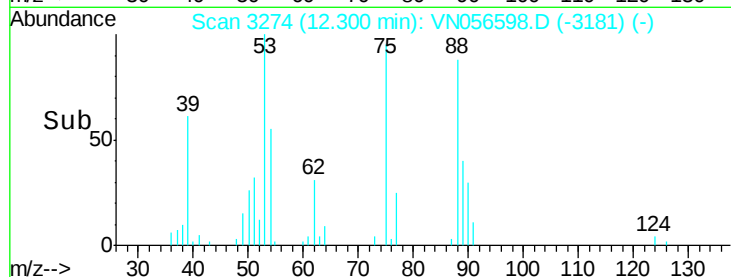
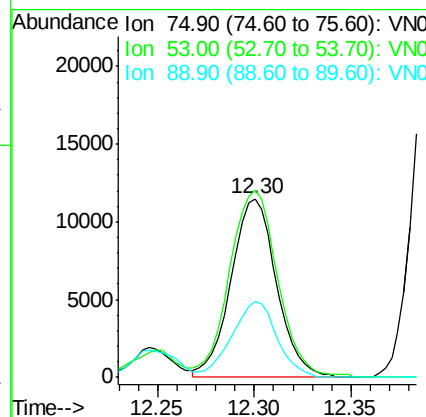
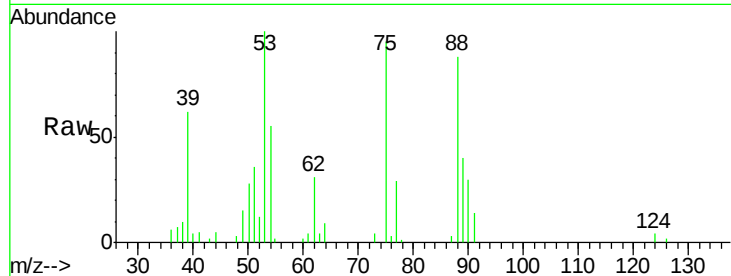
53 111.4 83.9 125.9

89 42.3 35.0 52.6

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#82

4-Chlorotoluene

Concen: 18.257 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056598.D

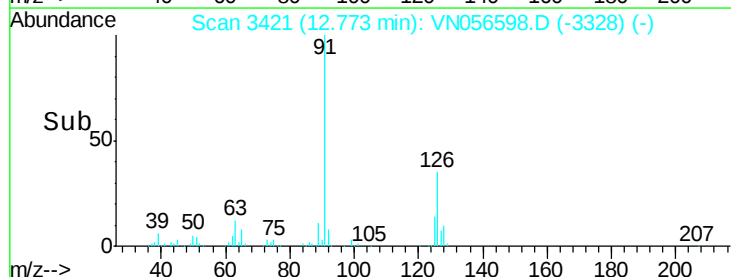
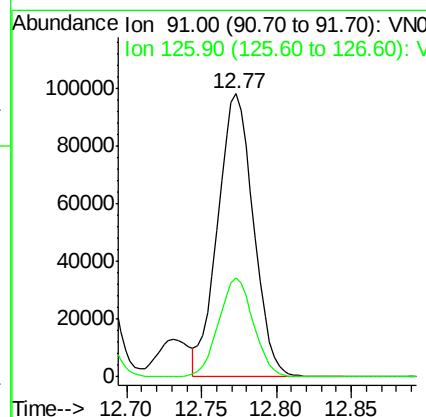
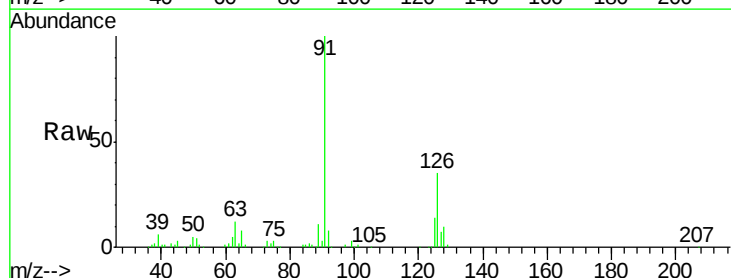
Acq: 3 Jul 2019 20:34

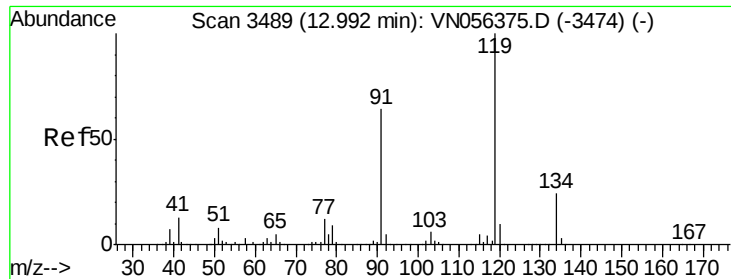
Tgt Ion: 91 Resp: 163265

Ion Ratio Lower Upper

91 100

126 34.2 17.3 52.0





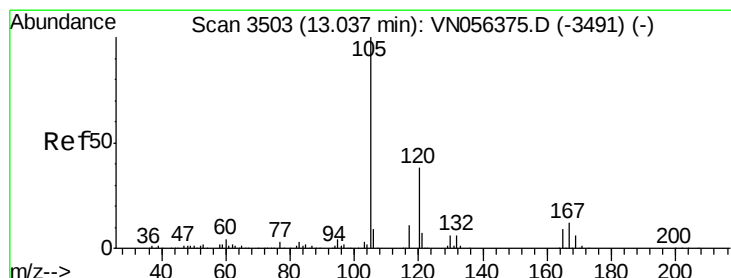
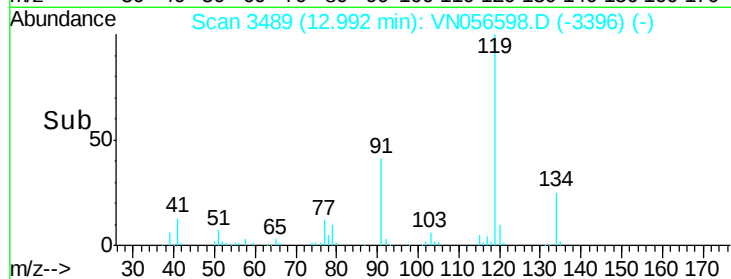
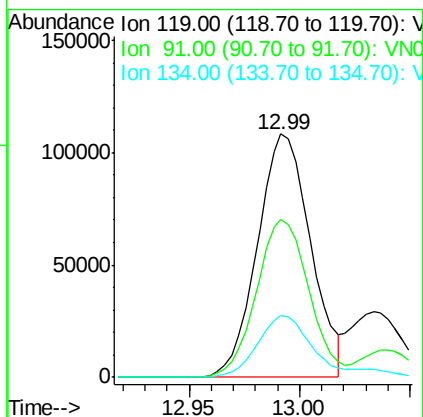
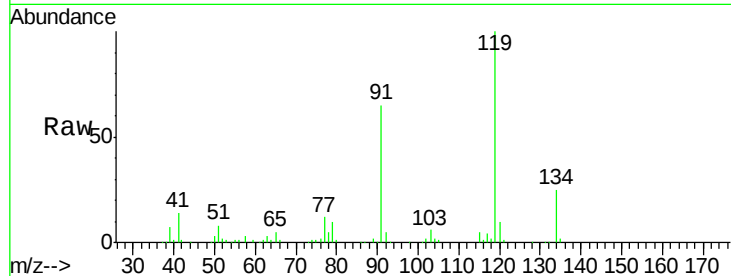
#83
tert-Butylbenzene
Concen: 18.158 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN056598.D
Acq: 3 Jul 2019 20:34

Instrument :
MSVOA_N
ClientSampled :
VN0704WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	180630		
91	64.1	31.6	94.7	
134	25.6	13.2	39.5	

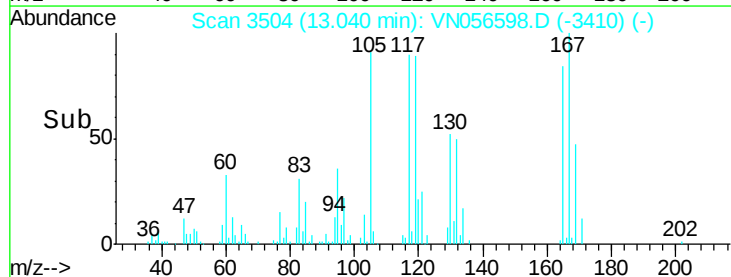
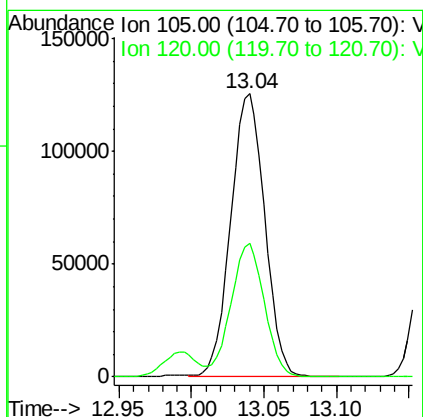
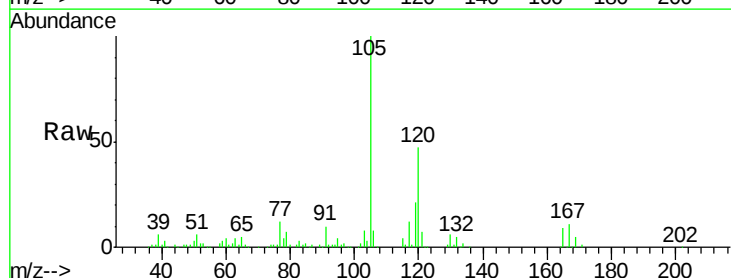
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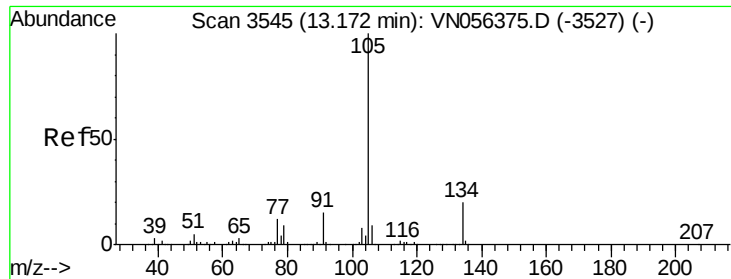
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#84
1,2,4-Trimethylbenzene
Concen: 18.271 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN056598.D
Acq: 3 Jul 2019 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	203432		
120	46.4	22.9	68.8	





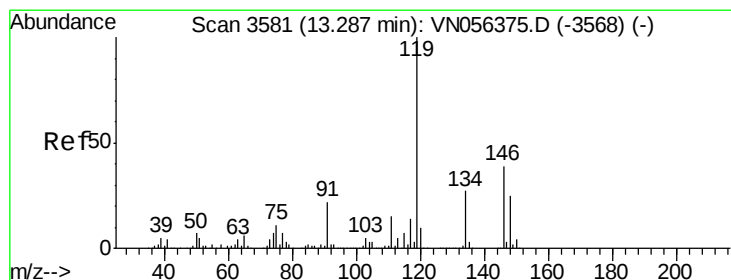
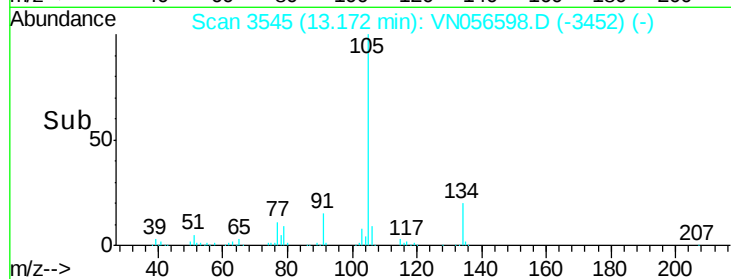
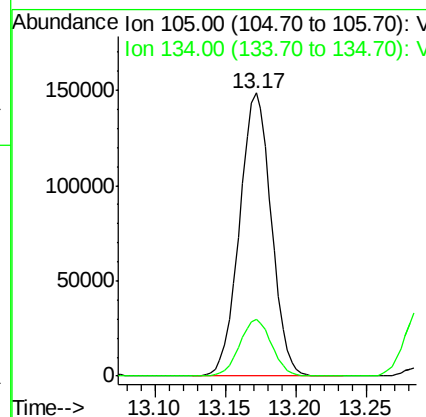
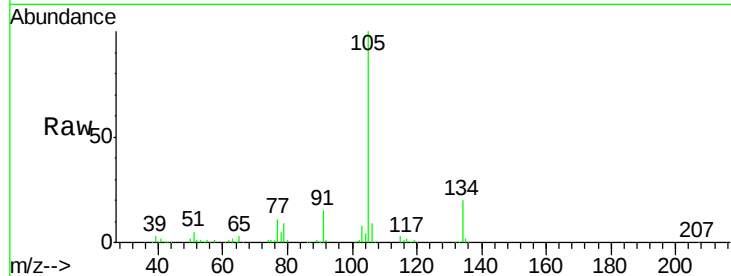
#85
 sec-Butylbenzene
 Concen: 17.641 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN056598.D
 Acq: 3 Jul 2019 20:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0704WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.2	10.2	30.4

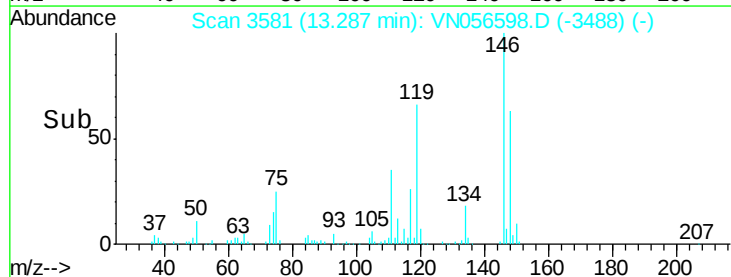
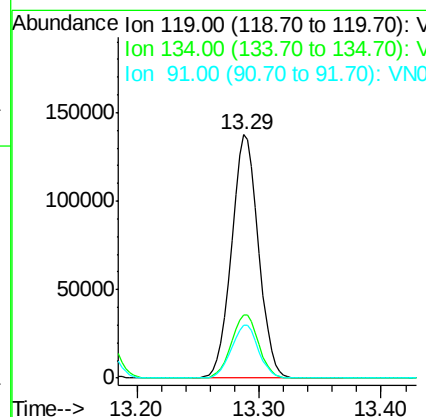
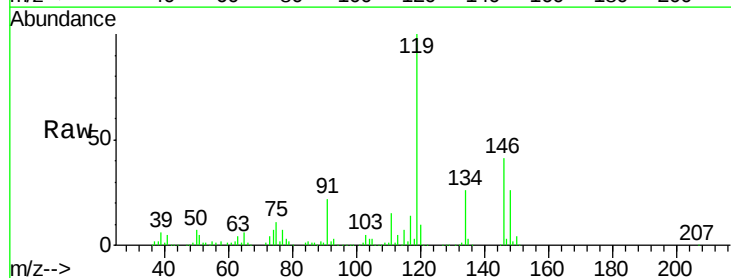
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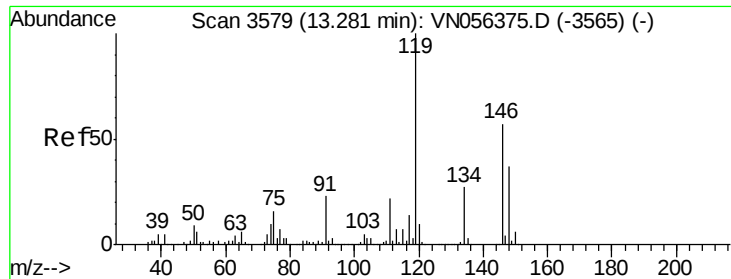
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#86
 p-Isopropyltoluene
 Concen: 18.548 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN056598.D
 Acq: 3 Jul 2019 20:34

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.4	13.5	40.4
91	22.1	11.2	33.5





#87

1,3-Dichlorobenzene

Concen: 18.545 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN056598.D

Acq: 3 Jul 2019 20:34

Instrument :

MSVOA_N

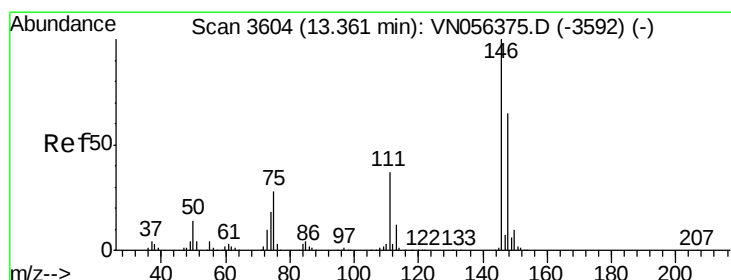
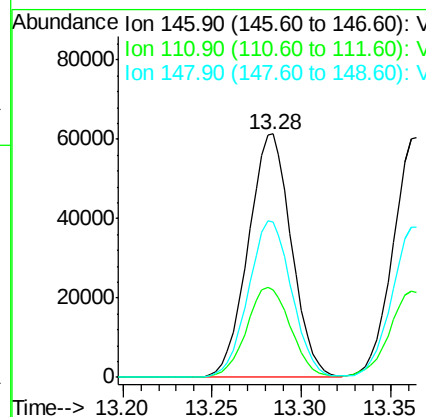
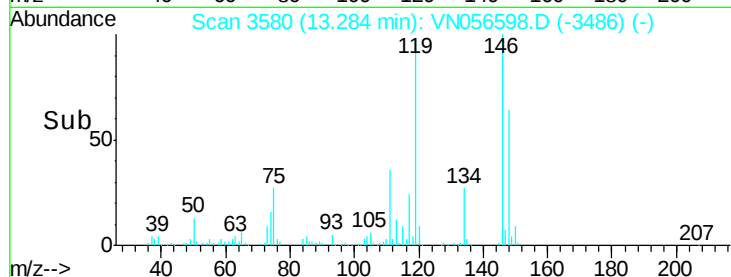
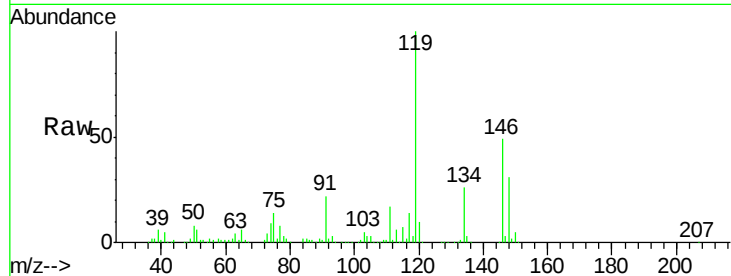
ClientSampleId :

VN0704WBSD01

Tot Ion:	146	Resp:	103933
Ion Ratio	Lower	Upper	
146	100		
111	37.7	18.9	56.9
148	64.5	32.1	96.5

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#88

1,4-Dichlorobenzene

Concen: 18.576 ug/l

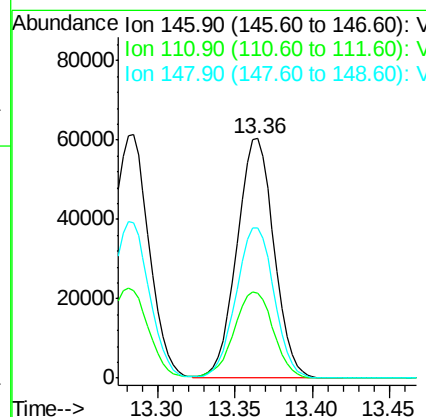
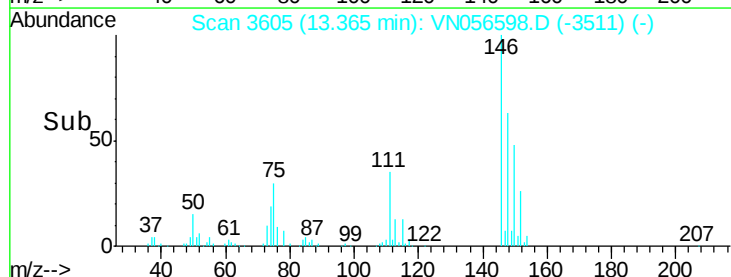
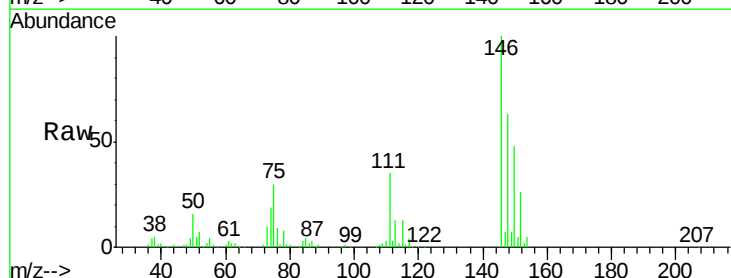
RT: 13.36 min Scan# 3605

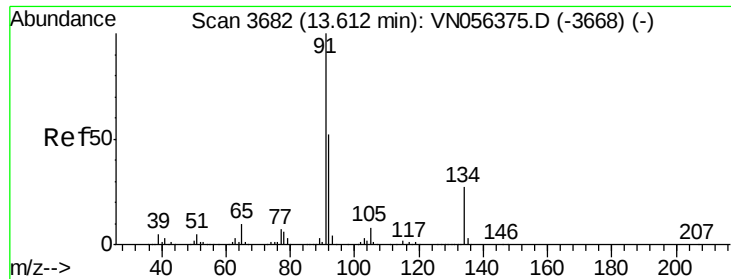
Delta R.T. 0.00 min

Lab File: VN056598.D

Acq: 3 Jul 2019 20:34

Tgt Ion:	146	Resp:	100824
Ion Ratio	Lower	Upper	
146	100		
111	38.1	18.4	55.4
148	64.4	32.4	97.0





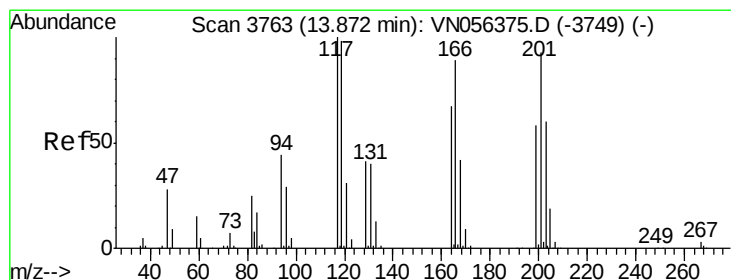
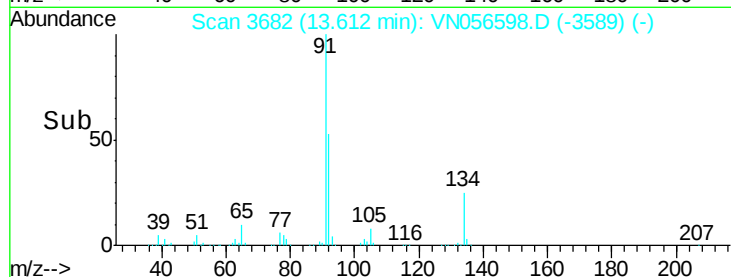
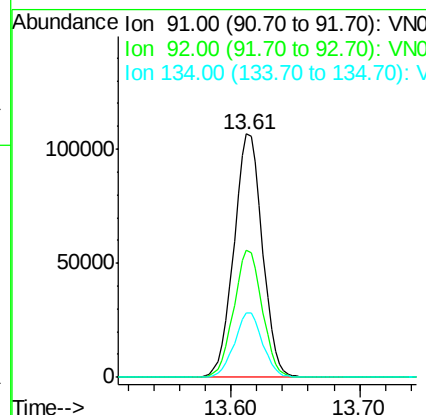
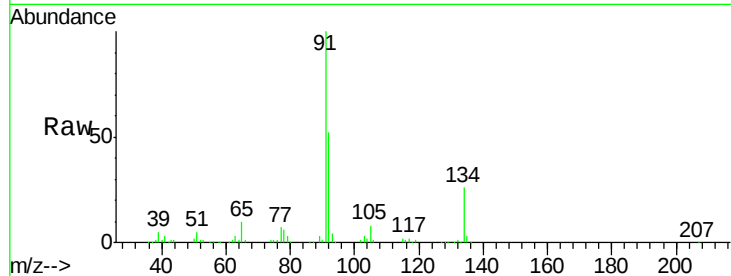
#89
n-Butylbenzene
Concen: 18.884 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN056598.D
Acq: 3 Jul 2019 20:34

Instrument :
MSVOA_N
ClientSampled :
VN0704WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.2	78.5
134	26.2	13.4	40.2

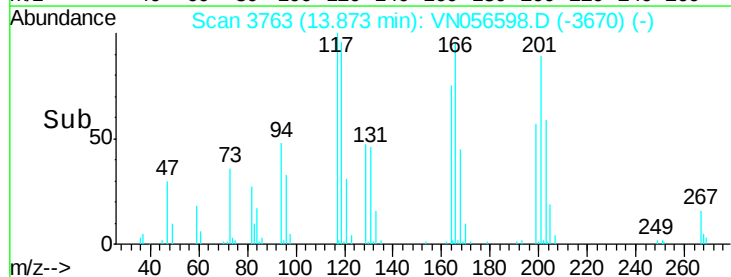
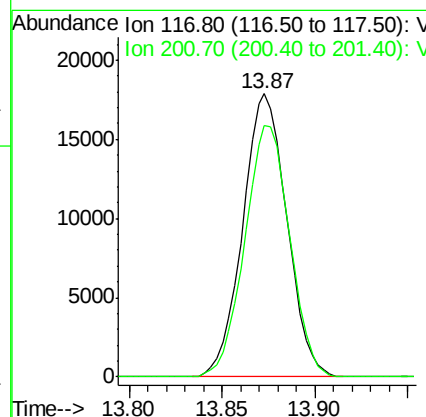
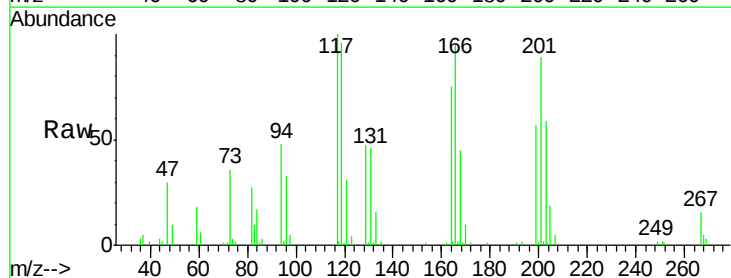
Manual Integrations
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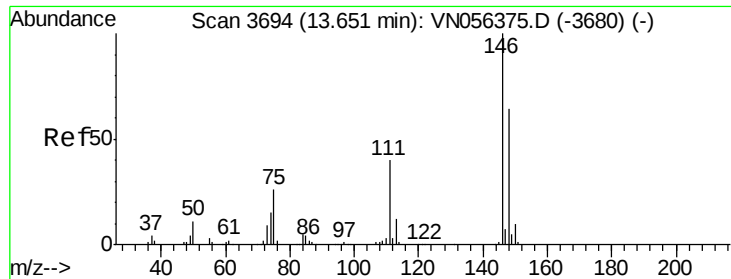
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#90
Hexachloroethane
Concen: 16.542 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN056598.D
Acq: 3 Jul 2019 20:34

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.1	45.9	137.6





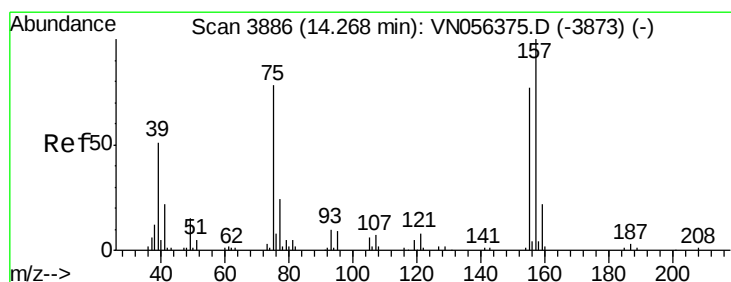
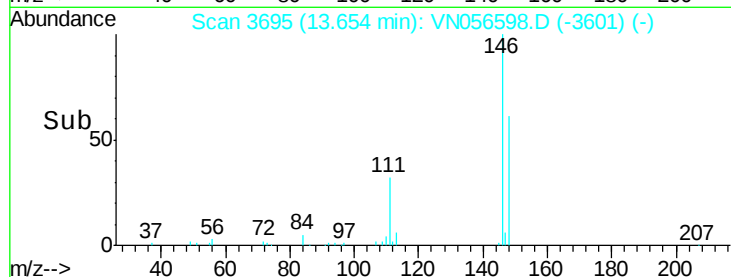
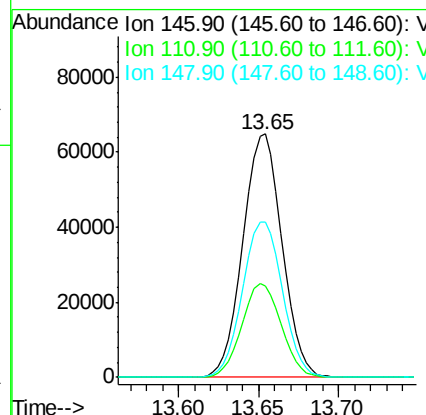
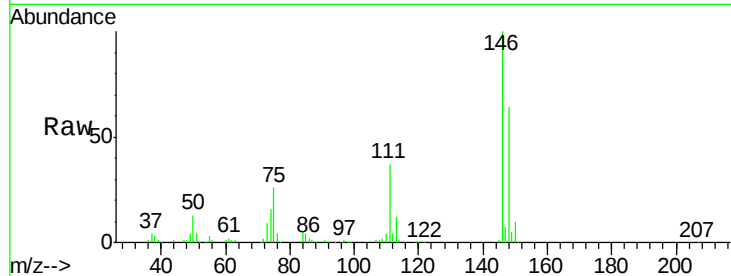
#91
 1,2-Dichlorobenzene
 Concen: 19.461 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN056598.D
 Acq: 3 Jul 2019 20:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0704WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.3	57.9
148	65.0	32.0	96.0

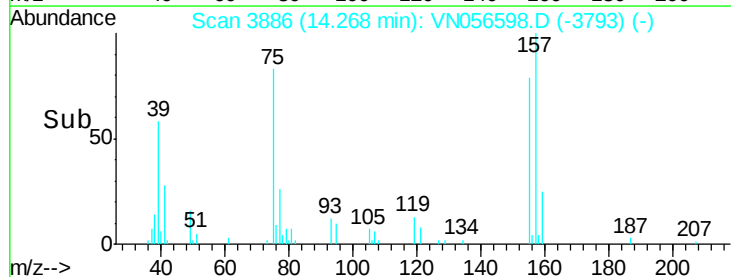
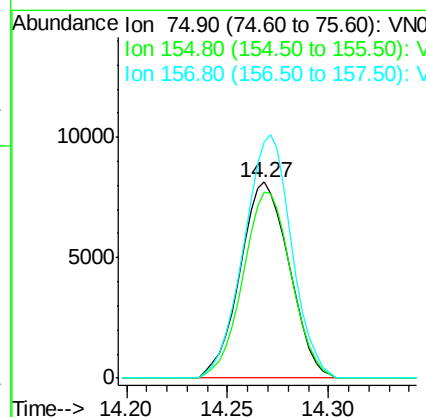
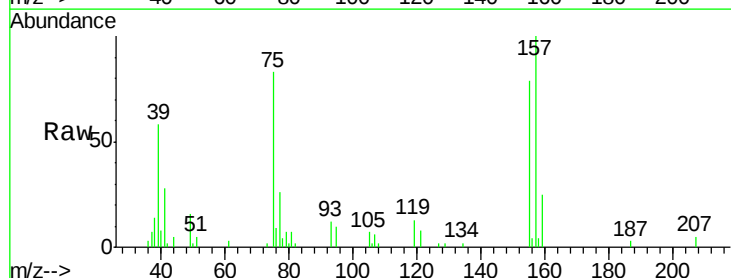
Manual Integrations
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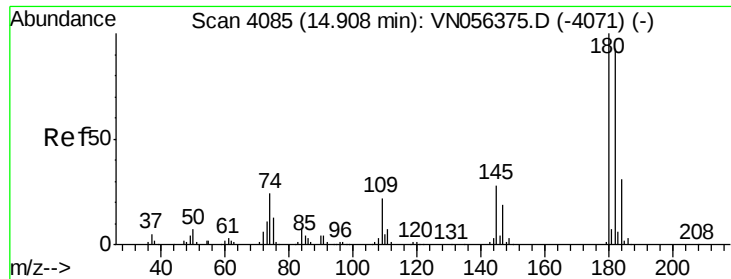
MMDadoda
 7/8/2019 10:08:16 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.702 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN056598.D
 Acq: 3 Jul 2019 20:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.9	48.9	146.8
157	120.4	62.9	188.8





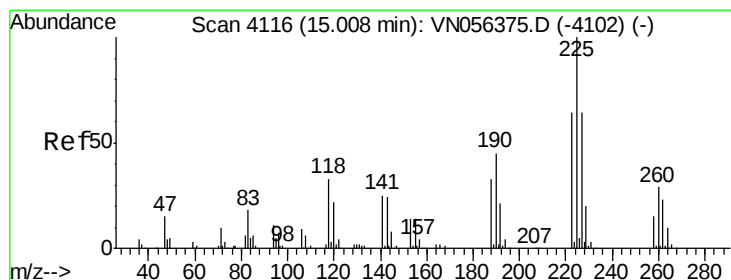
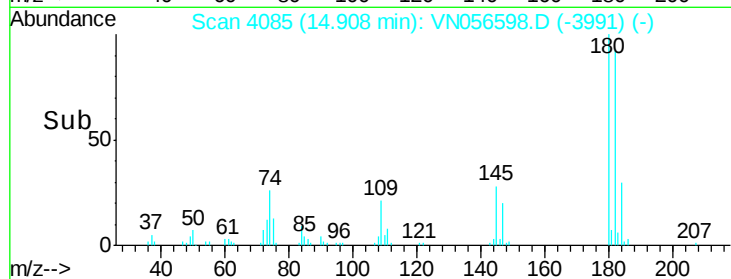
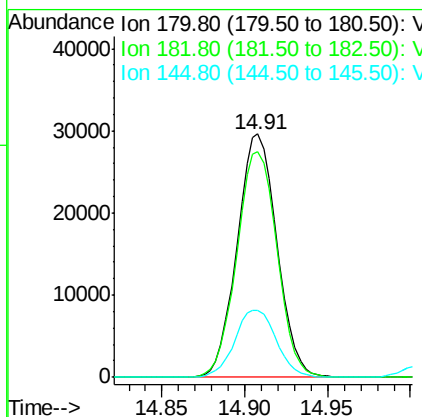
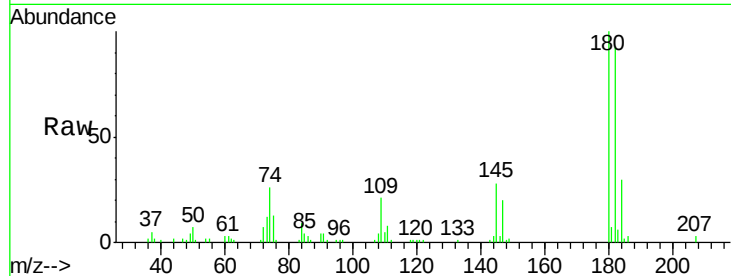
#93
 1,2,4-Trichlorobenzene
 Concen: 20.785 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056598.D
 Acq: 3 Jul 2019 20:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0704WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.1	46.9	140.6
145	29.0	14.4	43.0

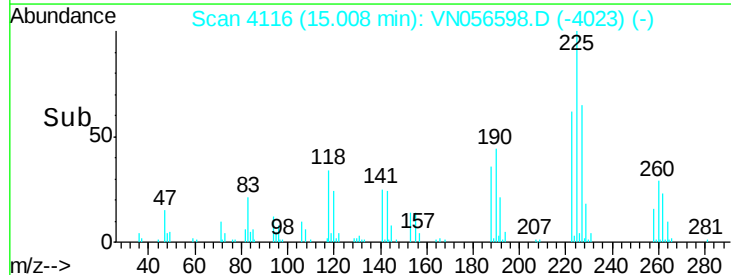
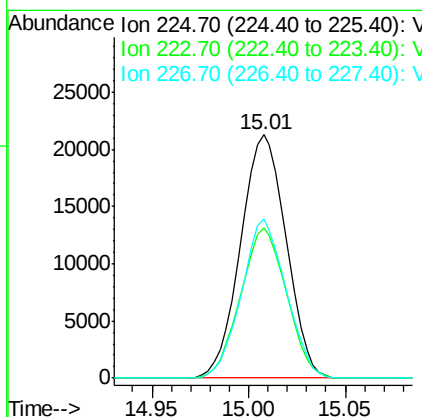
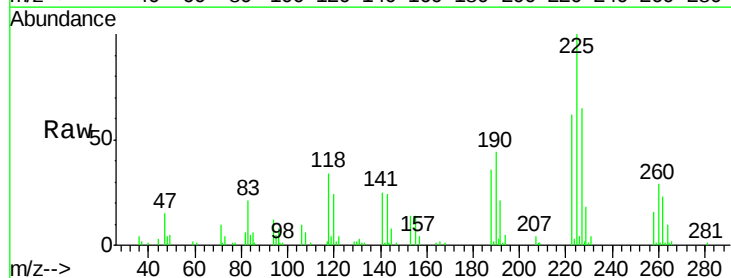
Manual Integrations
 APPROVED

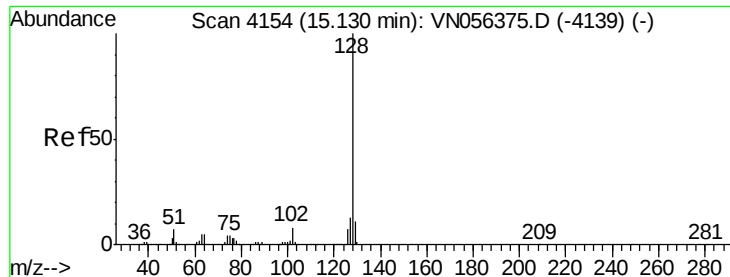
MMDadoda
 7/8/2019 10:08:16 AM



#94
 Hexachlorobutadiene
 Concen: 17.261 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056598.D
 Acq: 3 Jul 2019 20:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	31.4	94.3
227	63.9	32.1	96.3





#95

Naphthalene

Concen: 22.024 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056598.D

Acq: 3 Jul 2019 20:34

Instrument :

MSVOA_N

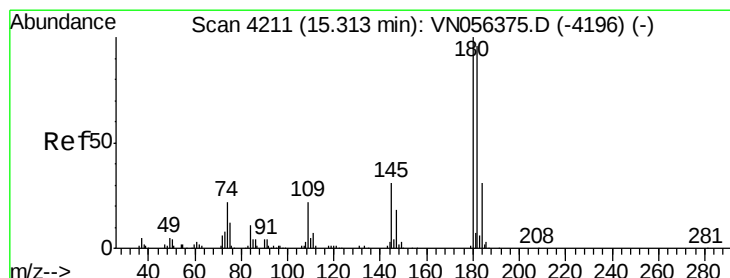
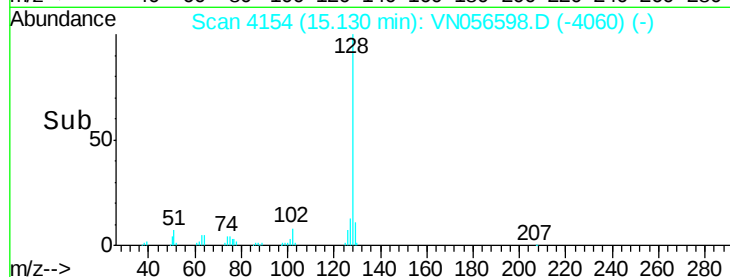
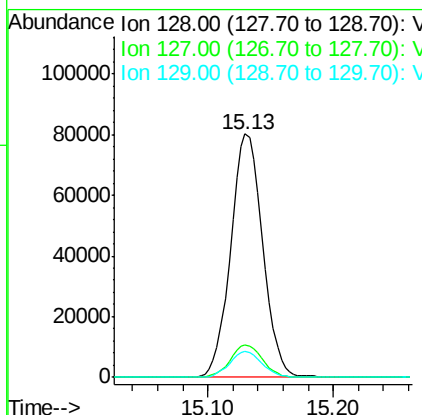
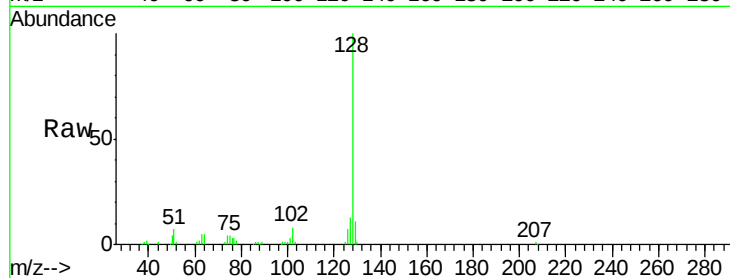
ClientSampleId :

VN0704WBSD01

Tot Ion:	128	Resp:	141859
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.2	15.2
129	10.7	8.6	12.8

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 20.928 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056598.D

Acq: 3 Jul 2019 20:34

Tgt Ion:	180	Resp:	54204
Ion Ratio	Lower	Upper	
180	100		
182	98.3	48.3	144.8
145	30.1	15.4	46.1

