

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071320\
 Data File : VN062517.D
 Acq On : 13 Jul 2020 15:34
 Operator : JC/MD
 Sample : VN0713WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0713WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/14/2020 11:36:58 AM

Quant Time: Jul 14 01:20:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N071320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Jul 14 00:52:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.16	128	39413	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	218317	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	200452	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	100325	29.63	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.77%
60) 4-Bromofluorobenzene	12.38	95	101322	29.70	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.00%
63) Toluene-d8	10.06	98	288041	30.41	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.37%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	46153	19.840	ug/l 100
3) Chloromethane	2.04	50	64245	19.126	ug/l 98
4) Vinyl Chloride	2.16	62	56881	19.372	ug/l 100
5) Bromomethane	2.53	94	25342	17.397	ug/l 91
6) Chloroethane	2.67	64	26419	18.277	ug/l 99
7) Trichlorofluoromethane	2.99	101	66157	19.224	ug/l 99
8) Diethyl Ether	3.37	74	31794	19.219	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	42862	19.266	ug/l 99
10) 1,1-Dichloroethene	3.70	96	43431	19.136	ug/l 95
11) Methyl Iodide	3.91	142	51950	18.691	ug/l 96
12) Methyl Acetate	4.28	43	61738	20.283	ug/l 100
13) Acrolein	3.57	56	46077	101.317	ug/l 99
14) Acrylonitrile	4.93	53	136734	96.588	ug/l 99
15) Acetone	3.78	58	36327	83.593	ug/l 93
16) Carbon Disulfide	4.01	76	136635	18.474	ug/l 99
17) Allyl chloride	4.28	41	95350	19.754	ug/l 97
18) Methylene Chloride	4.50	84	53934	19.313	ug/l 97
19) trans-1,2-Dichloroethene	4.99	96	47522	18.918	ug/l 97
20) Diisopropyl ether	5.90	45	194535	19.605	ug/l 98
21) 1,1-Dichloroethane	5.80	63	101284	19.307	ug/l 99
22) cis-1,2-Dichloroethene	6.78	96	55289	19.517	ug/l 98
23) tert-Butyl Alcohol	4.73	59	47699	100.682	ug/l # 100
24) Methyl tert-Butyl Ether	4.99	73	161303	19.277	ug/l 100
25) Chloroform	7.33	83	92465	19.220	ug/l 99
26) Cyclohexane	7.61	56	87705	18.968	ug/l # 100
29) 1,1-Dichloropropene	7.75	75	70355	18.999	ug/l 100
30) 2-Butanone	6.79	43	189659	96.571	ug/l # 93
31) 2,2-Dichloropropane	6.78	77	79783	19.107	ug/l # 72
32) 1,1,1-Trichloroethane	7.53	97	77649	19.509	ug/l 98
33) Carbon Tetrachloride	7.73	117	66776	19.354	ug/l 99
34) Benzene	8.00	78	216466	19.676	ug/l 100
35) Methacrylonitrile	7.12	41	33756	19.567	ug/l 98
36) 1,2-Dichloroethane	8.09	62	79929	20.213	ug/l 99
37) Trichloroethene	8.80	130	47322	19.150	ug/l 98
38) Methylcyclohexane	9.05	83	78649	18.932	ug/l 99
39) 1,2-Dichloropropane	9.08	63	59991	19.140	ug/l 98
40) Dibromomethane	9.18	93	36544	20.231	ug/l 98

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MMDadoda
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N071320W.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	75744	19.770	ug/l	99
42) Vinyl Acetate	5.85	43	819391	100.402	ug/l	100
43) Ethyl Acetate	6.89	43	83360	21.112	ug/l	97
44) Isopropyl Acetate	8.13	43	132954	20.069	ug/l	96
45) 1,4-Dioxane	9.17	88	18189	401.372	ug/l	94
46) Methyl methacrylate	9.17	41	61102	19.442	ug/l	98
47) n-amyl Acetate	12.05	43	105894	18.963	ug/l	97
48) t-1,3-Dichloropropene	10.35	75	86078	19.262	ug/l	100
49) cis-1,3-Dichloropropene	9.81	75	92558	19.187	ug/l	98
50) 1,1,2-Trichloroethane	10.53	97	50853	20.084	ug/l	98
51) Ethyl methacrylate	10.40	69	82907	19.448	ug/l	99
52) 1,3-Dichloropropane	10.68	76	92869	19.985	ug/l	99
53) Dibromochloromethane	10.87	129	53538	19.407	ug/l	99
54) 1,2-Dibromoethane	10.98	107	51772	19.977	ug/l	99
55) 2-Chloroethyl vinyl ether	9.66	63	135666	99.639	ug/l	99
56) Bromoform	12.10	173	36709	19.483	ug/l	100
58) 4-Methyl-2-Pentanone	9.95	43	397851	101.871	ug/l	99
59) 2-Hexanone	10.72	43	281662	98.337	ug/l	100
61) Tetrachloroethene	10.60	164	40245	19.605	ug/l	98
62) Toluene	10.12	91	222096	19.530	ug/l	100
64) Chlorobenzene	11.41	112	130051	19.462	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.48	131	47416	19.170	ug/l	99
66) Ethyl Benzene	11.48	91	240044	19.062	ug/l	99
67) m/p-Xylenes	11.60	106	174187	38.109	ug/l	100
68) o-Xylene	11.92	106	84882	19.351	ug/l	98
69) Styrene	11.94	104	140835	18.917	ug/l	98
70) Isopropylbenzene	12.22	105	226482	19.234	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.48	83	77044	20.245	ug/l	99
72) 1,2,3-Trichloropropane	12.53	75	68516m	18.509	ug/l	
73) Bromobenzene	12.50	156	51995	19.066	ug/l	99
74) n-propylbenzene	12.57	91	261335	18.671	ug/l	100
75) 2-Chlorotoluene	12.65	91	159754	18.957	ug/l	99
76) 1,3,5-Trimethylbenzene	12.71	105	190828	19.020	ug/l	98
77) t-1,4-Dichloro-2-butene	12.27	75	24852	17.950	ug/l	97
78) 4-Chlorotoluene	12.75	91	159704	18.572	ug/l	99
79) tert-butylbenzene	12.97	119	156586	18.848	ug/l	99
80) 1,2,4-Trimethylbenzene	13.01	105	181014	18.344	ug/l	98
81) sec-Butylbenzene	13.15	105	208527	18.690	ug/l	100
82) p-Isopropyltoluene	13.26	119	180230	18.305	ug/l	99
83) 1,3-Dichlorobenzene	13.26	146	88419	18.670	ug/l	98
84) 1,4-Dichlorobenzene	13.34	146	86191	18.444	ug/l	99
85) n-Butylbenzene	13.59	91	147752	17.494	ug/l	100
86) Hexachloroethane	13.85	117	34781	18.307	ug/l	100
87) 1,2-Dichlorobenzene	13.63	146	88747	19.487	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	14.25	75	14093	19.609	ug/l	98
89) 1,2,4-Trichlorobenzene	14.89	180	39682	17.503	ug/l	98
90) Hexachlorobutadiene	14.98	225	23946	19.043	ug/l	95
91) Naphthalene	15.10	128	111368	18.117	ug/l	99
92) 1,2,3-Trichlorobenzene	15.28	180	40563	17.752	ug/l	99

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ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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QLast Update : Tue Jul 14 00:52:57 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

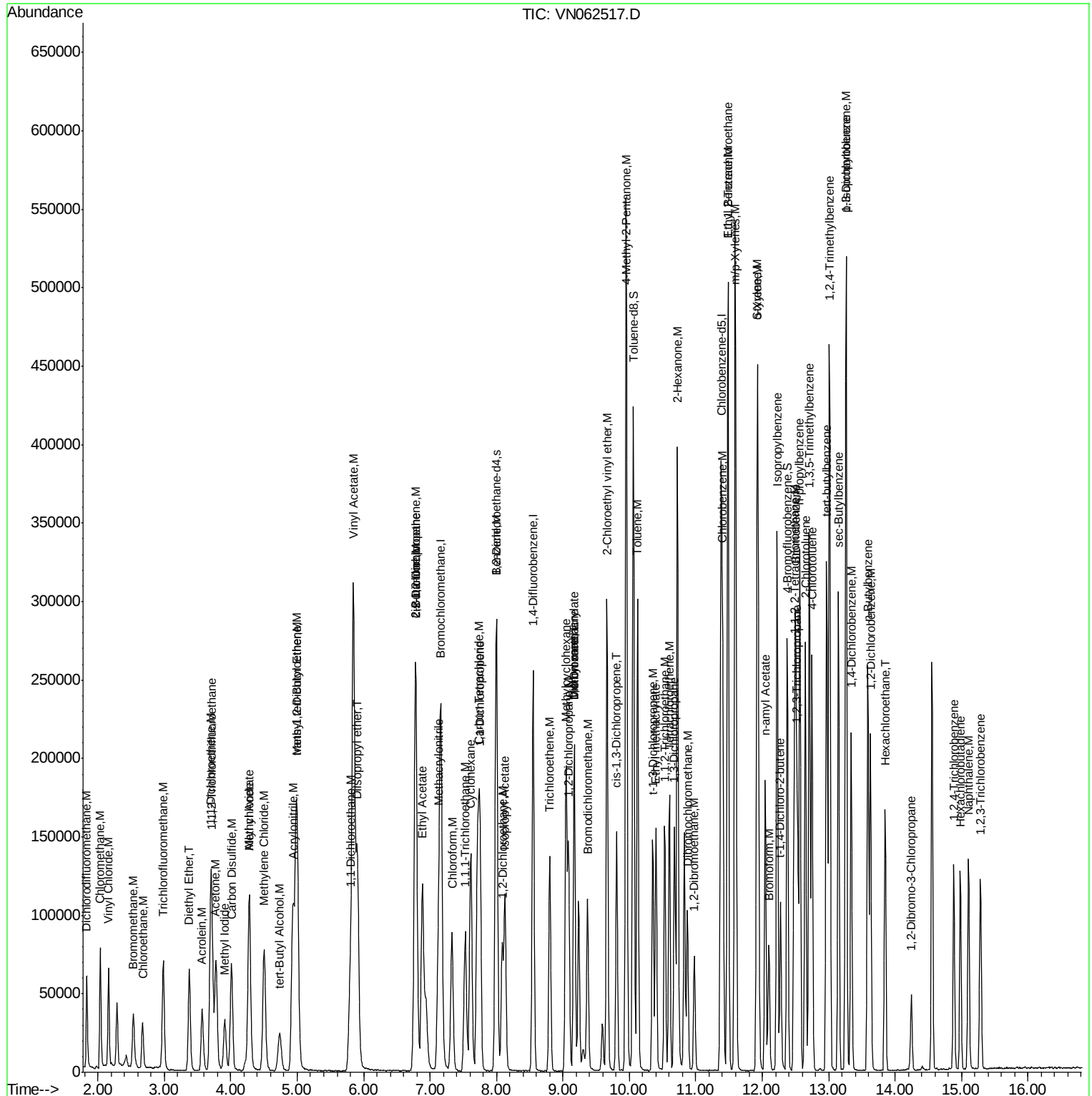
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Data File : VN062517.D
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Operator : JC/MD
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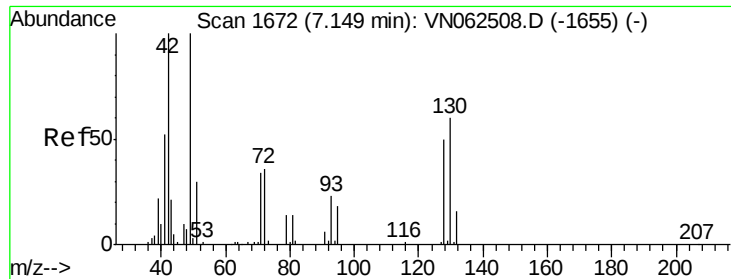
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBSD01

Manual Integrations
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7/14/2020 11:36:58 AM

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA N\METHODS\624N071320W.M
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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.16 min Scan# 1674

Delta R.T. 0.01 min

Lab File: VN062517.D

Acq: 13 Jul 2020 15:34

Instrument :

MSVOA_N

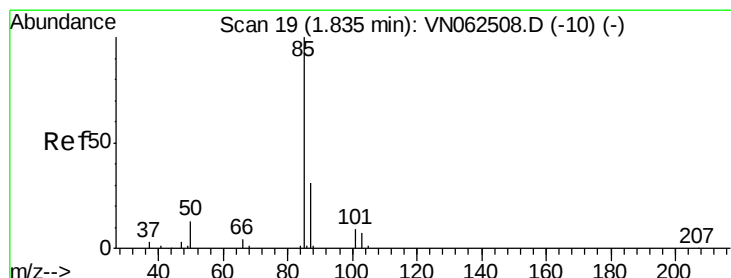
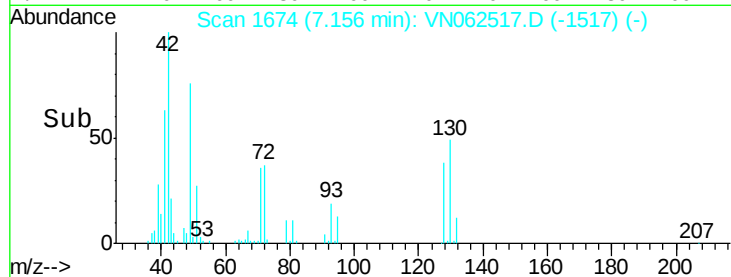
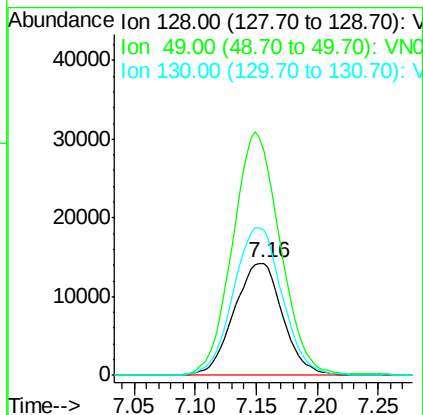
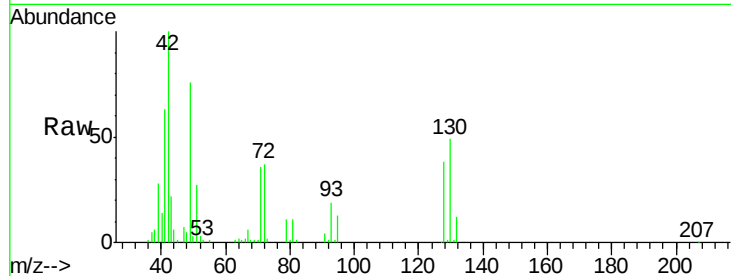
ClientSampleId :

VN0713WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
49	211.5	0.0	525.0
130	131.9	0.0	319.8

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 19.840 ug/l

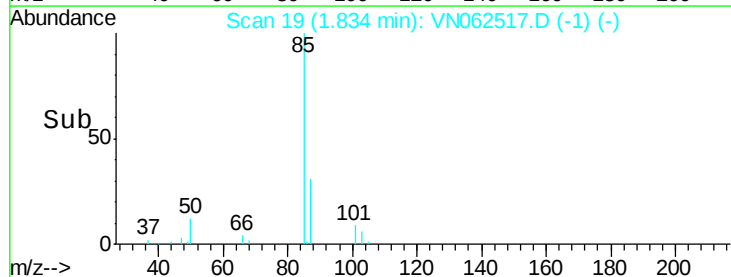
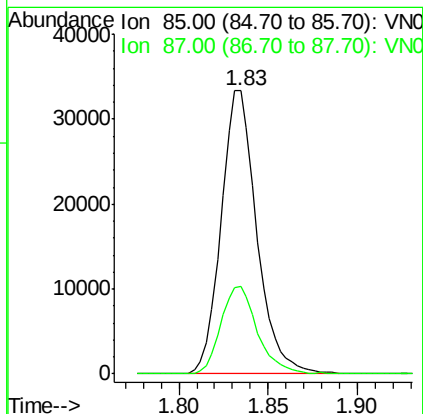
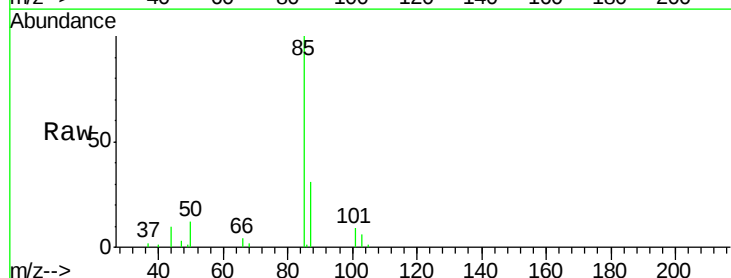
RT: 1.83 min Scan# 19

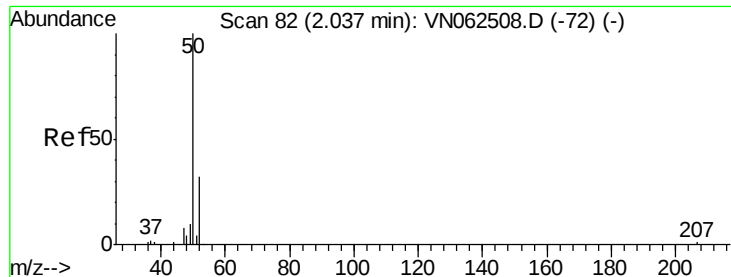
Delta R.T. -0.00 min

Lab File: VN062517.D

Acq: 13 Jul 2020 15:34

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.1	15.6	46.7





#3

Chloromethane

Concen: 19.126 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN062517.D

Acq: 13 Jul 2020 15:34

Instrument :

MSVOA_N

ClientSampleId :

VN0713WBSD01

Tot Ion: 50 Resp: 64245

Ion Ratio Lower Upper

50 100

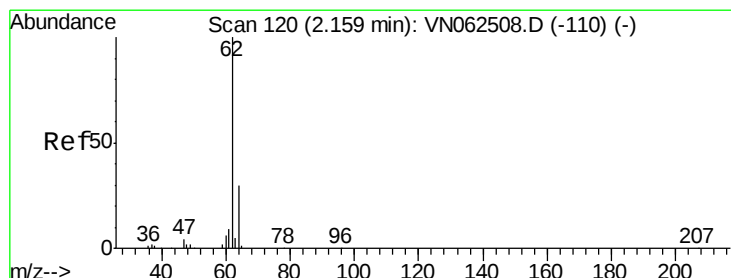
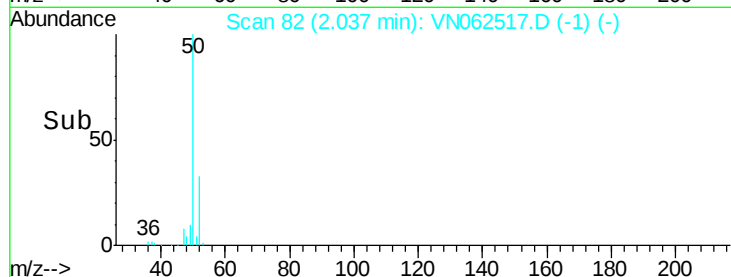
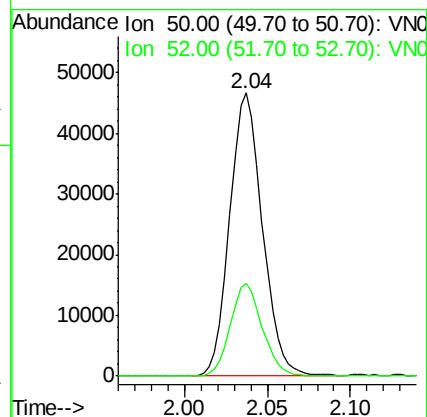
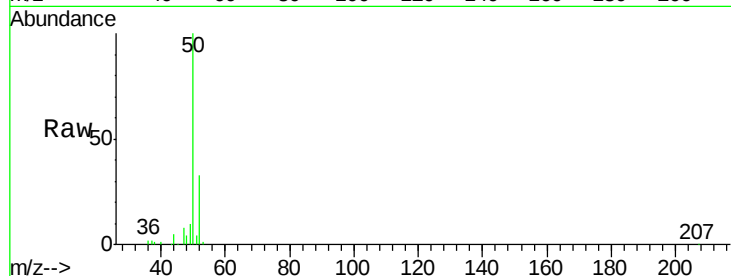
52 32.8 25.4 38.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.372 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062517.D

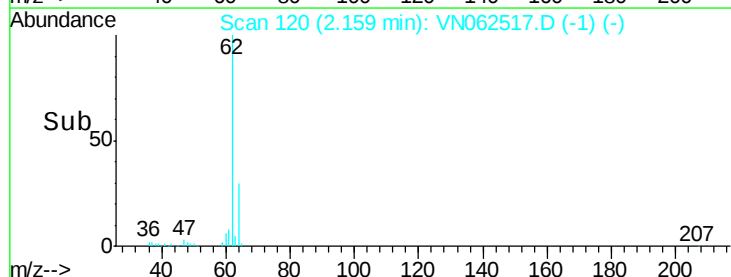
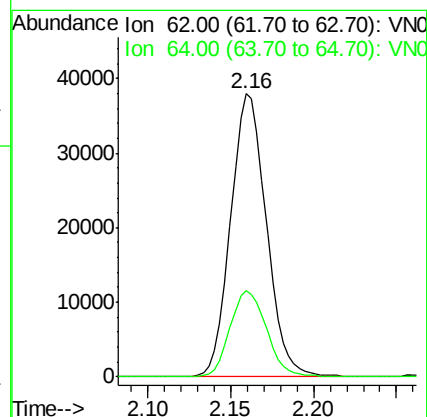
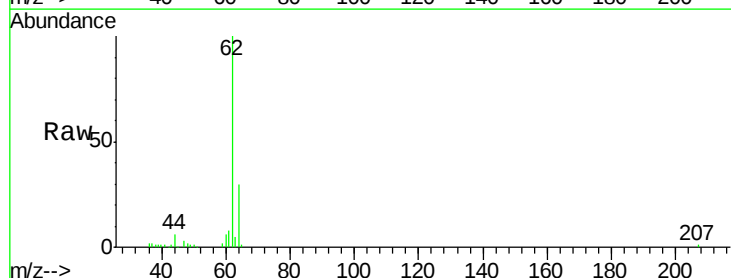
Acq: 13 Jul 2020 15:34

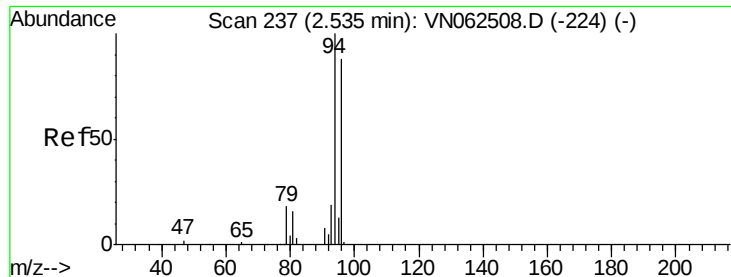
Tgt Ion: 62 Resp: 56881

Ion Ratio Lower Upper

62 100

64 30.4 24.3 36.5





#5

Bromomethane

Concen: 17.397 ug/l

RT: 2.53 min Scan# 236

Delta R.T. -0.00 min

Lab File: VN062517.D

Acq: 13 Jul 2020 15:34

Instrument :

MSVOA_N

ClientSampleId :

VN0713WBSD01

Tot Ion: 94 Resp: 25342

Ion Ratio Lower Upper

94 100

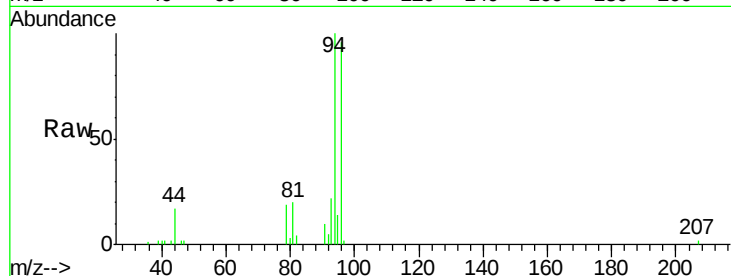
96 96.2 70.2 105.4

Manual Integrations

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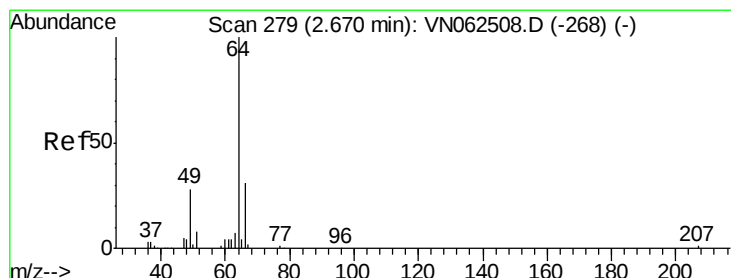
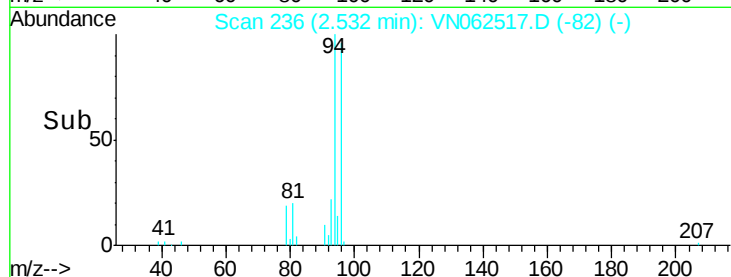
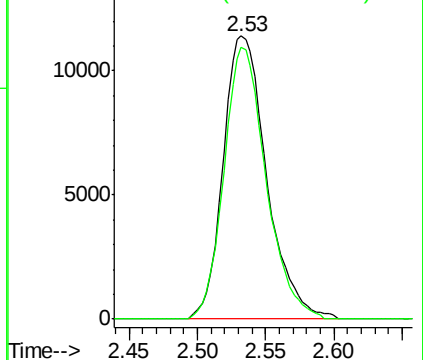
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Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



#6

Chloroethane

Concen: 18.277 ug/l

RT: 2.67 min Scan# 280

Delta R.T. 0.00 min

Lab File: VN062517.D

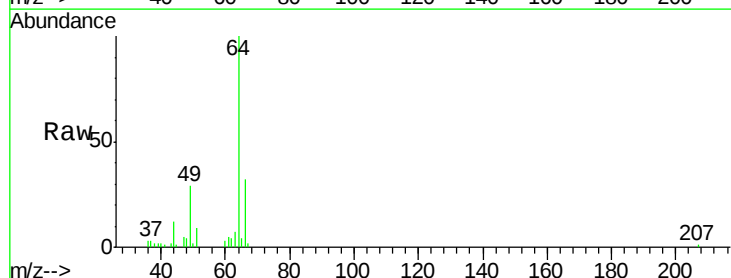
Acq: 13 Jul 2020 15:34

Tgt Ion: 64 Resp: 26419

Ion Ratio Lower Upper

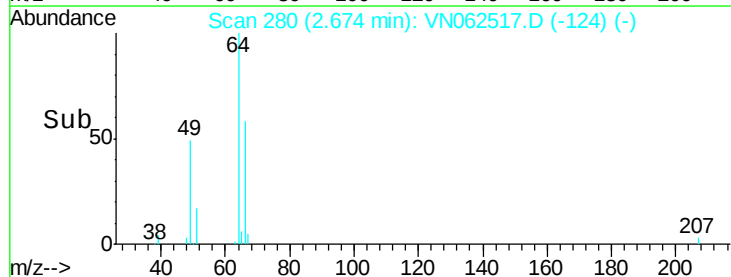
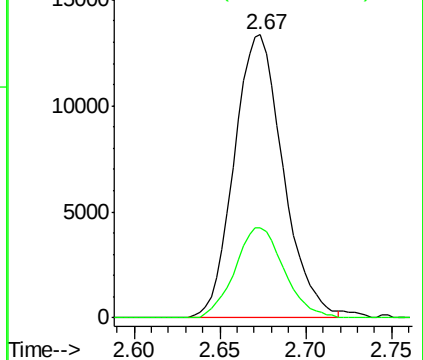
64 100

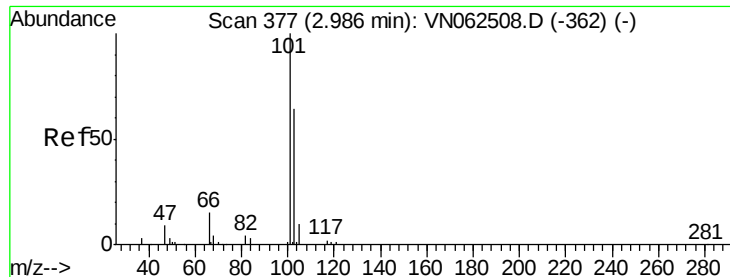
66 31.7 24.9 37.3



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0





#7

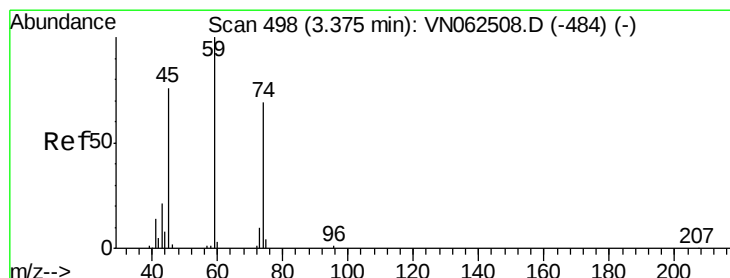
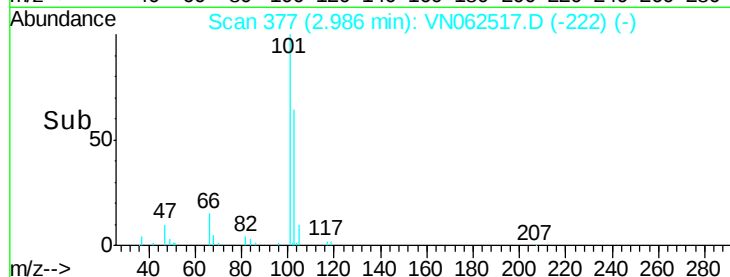
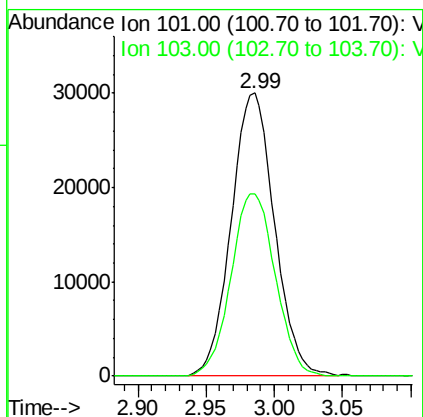
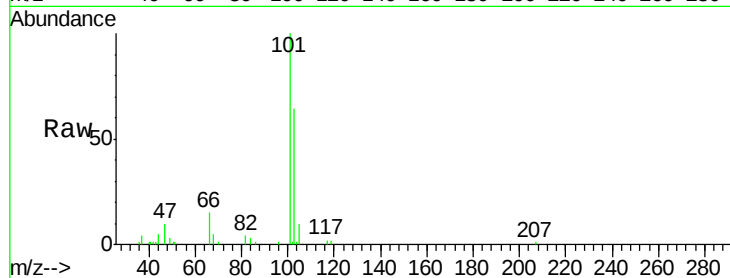
Trichlorofluoromethane
Concen: 19.224 ug/l
RT: 2.99 min Scan# 377
Delta R.T. -0.00 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

Instrument :
MSVOA_N
ClientSampleId :
VN0713WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	50.9	76.3

Manual Integrations
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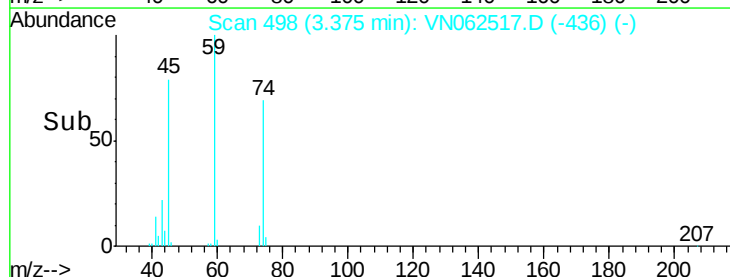
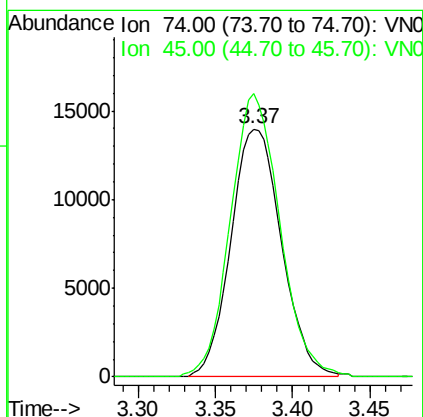
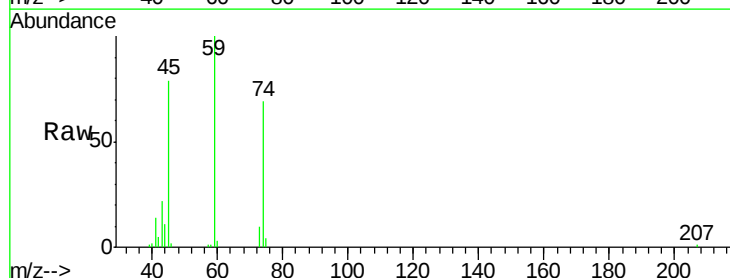
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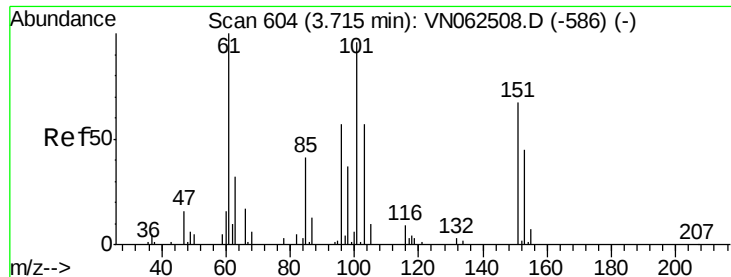


#8

Diethyl Ether
Concen: 19.219 ug/l
RT: 3.37 min Scan# 498
Delta R.T. -0.00 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

Tgt Ion	Ratio	Lower	Upper
74	100		
45	111.7	21.8	196.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.266 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN062517.D

Acq: 13 Jul 2020 15:34

Instrument :

MSVOA_N

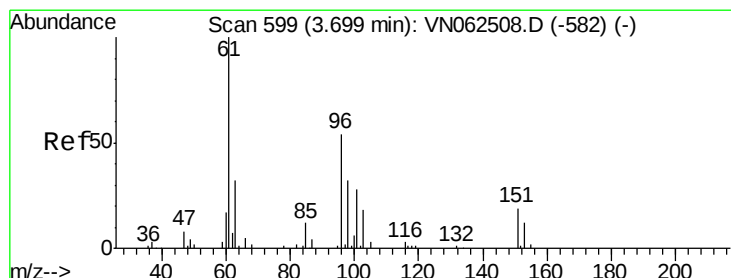
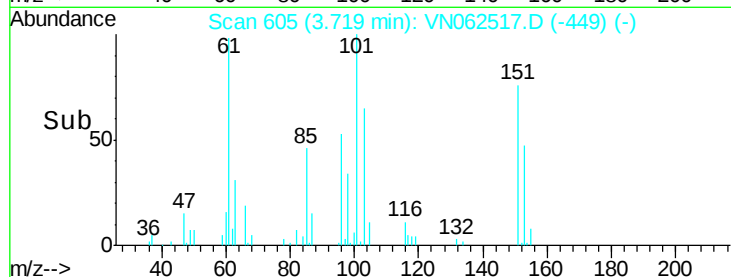
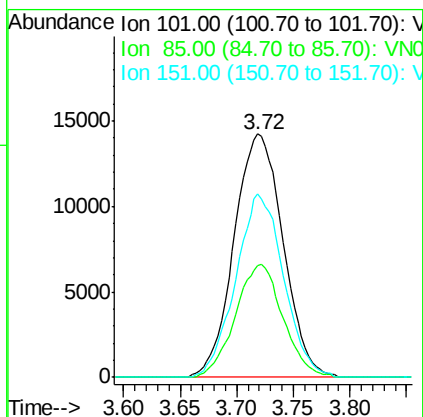
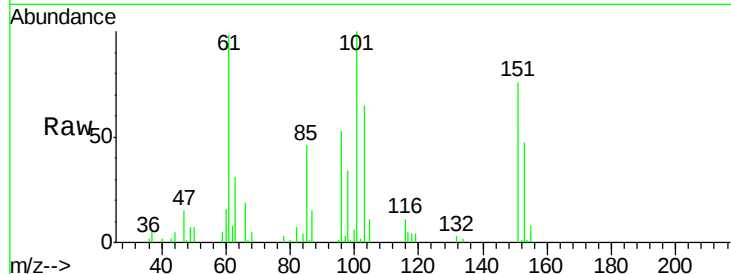
ClientSampleId :

VN0713WBSD01

Tot Ion:	101	Resp:	42862
Ion Ratio	Lower	Upper	
101	100		
85	44.9	0.0	90.4
151	73.6	0.0	145.6

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#10

1,1-Dichloroethene

Concen: 19.136 ug/l

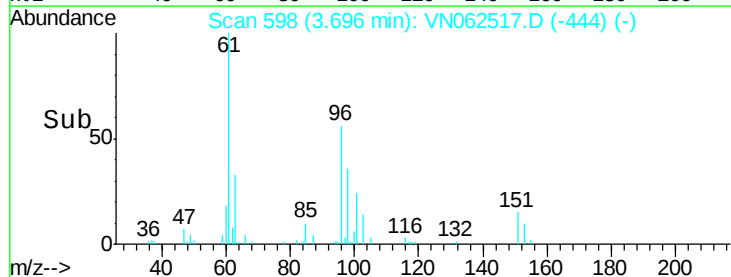
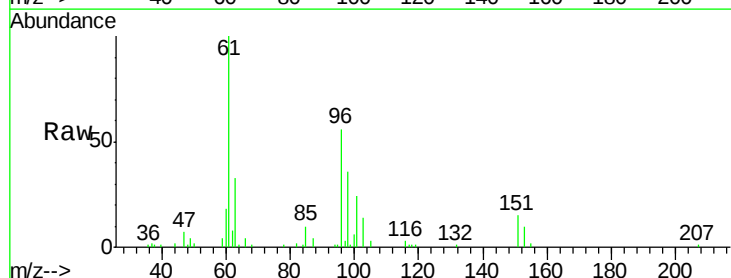
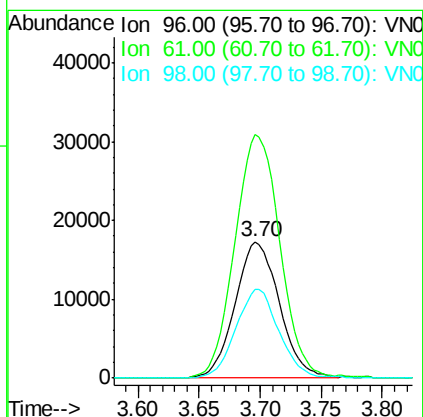
RT: 3.70 min Scan# 598

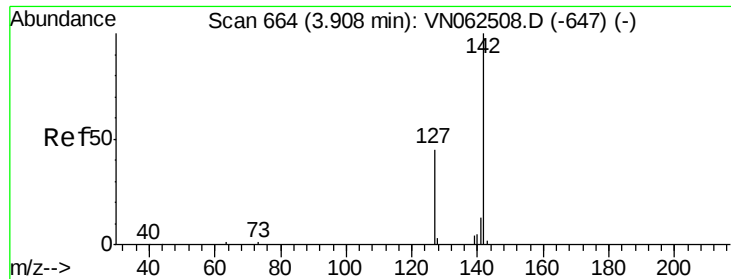
Delta R.T. -0.00 min

Lab File: VN062517.D

Acq: 13 Jul 2020 15:34

Tgt Ion:	96	Resp:	43431
Ion Ratio	Lower	Upper	
96	100		
61	178.7	147.8	221.8
98	65.1	47.8	71.8





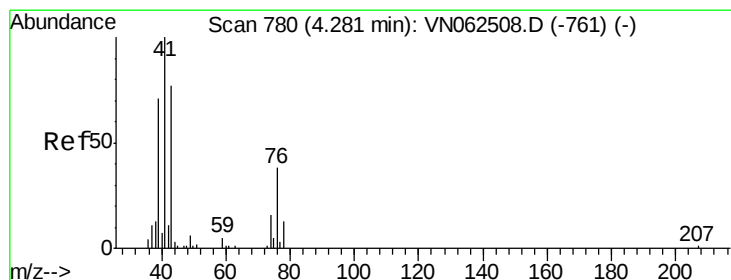
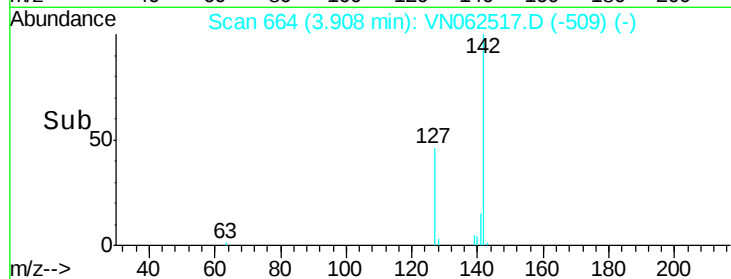
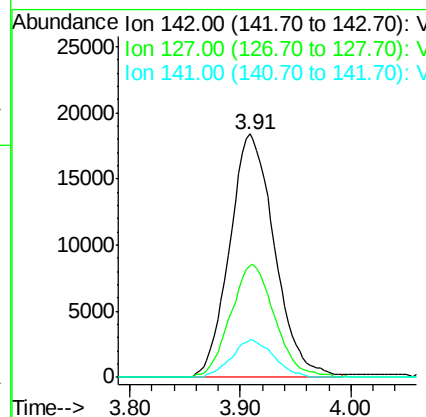
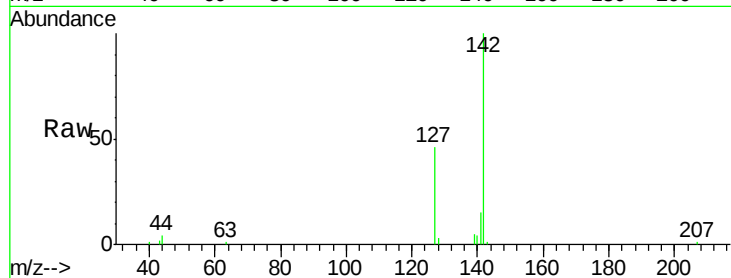
#11
Methvl Iodide
Concen: 18.691 ug/l
RT: 3.91 min Scan# 664
Delta R.T. -0.00 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

Instrument :
MSVOA_N
ClientSampleId :
VN0713WBSD01

Tot Ion	Ratio	Lower	Upper
142	100		
127	46.3	22.1	66.5
141	15.3	6.5	19.4

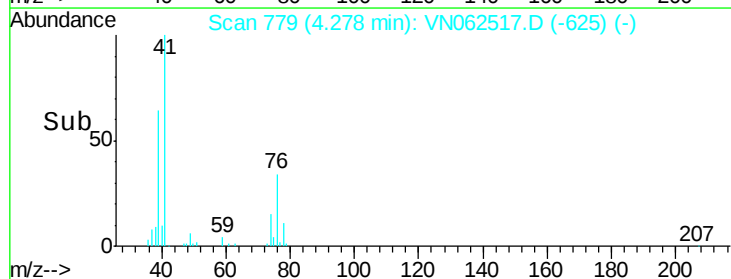
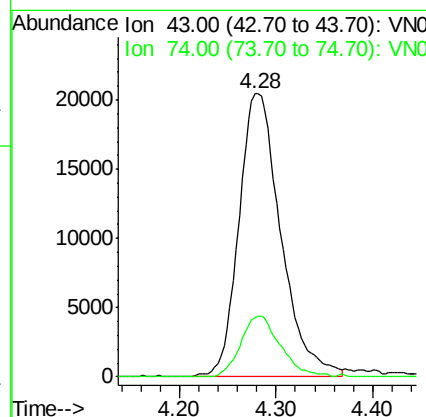
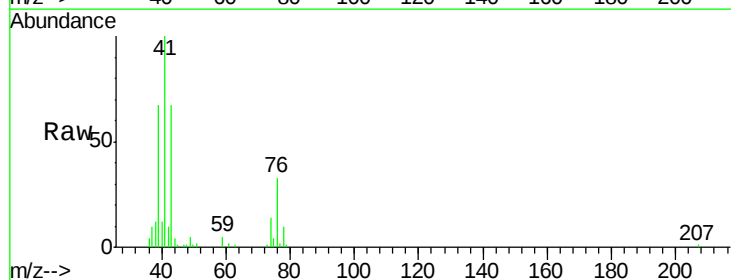
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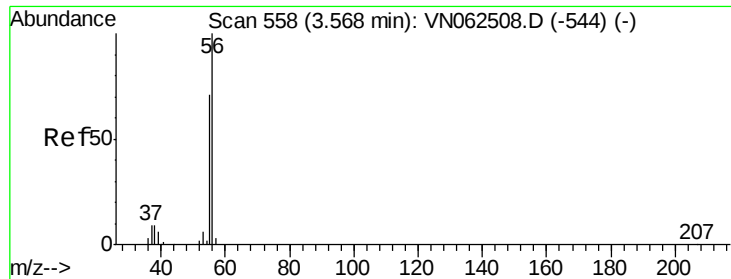
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#12
Methyl Acetate
Concen: 20.283 ug/l
RT: 4.28 min Scan# 779
Delta R.T. -0.00 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.8	16.7	25.1





#13

Acrolein

Concen: 101.317 ug/l

RT: 3.57 min Scan# 558

Delta R.T. -0.00 min

Lab File: VN062517.D

Acq: 13 Jul 2020 15:34

Instrument :

MSVOA_N

ClientSampleId :

VN0713WBSD01

Tot Ion: 56 Resp: 46077

Ion Ratio Lower Upper

56 100

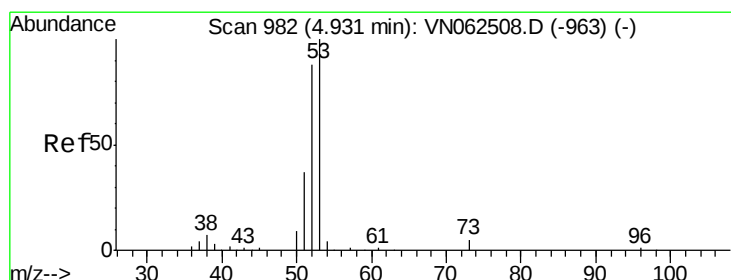
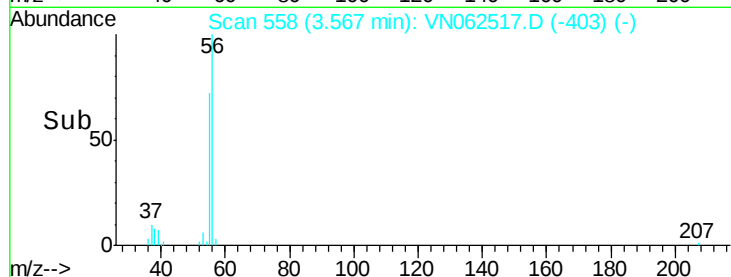
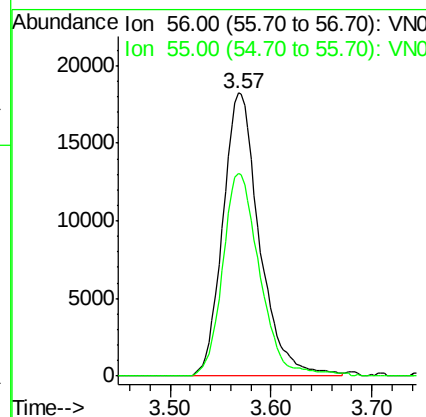
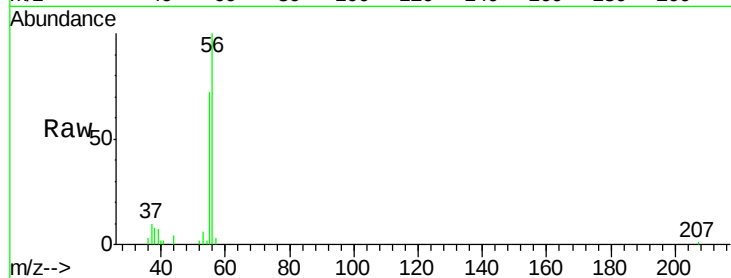
55 70.7 56.0 84.0

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#14

Acrylonitrile

Concen: 96.588 ug/l

RT: 4.93 min Scan# 983

Delta R.T. 0.00 min

Lab File: VN062517.D

Acq: 13 Jul 2020 15:34

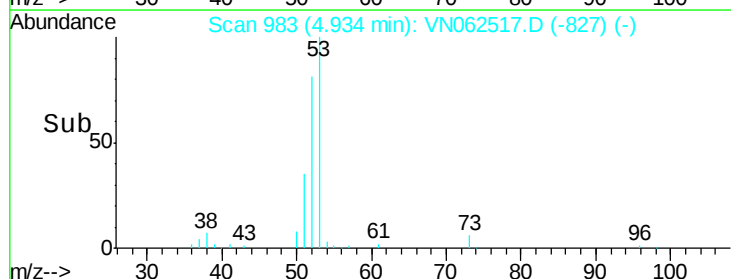
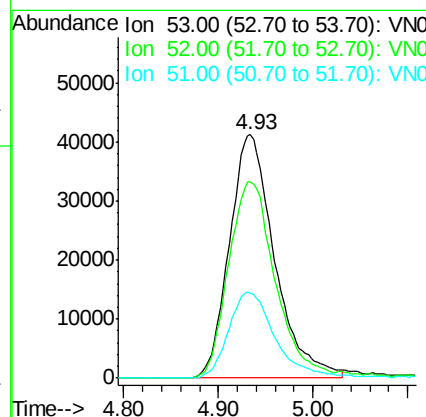
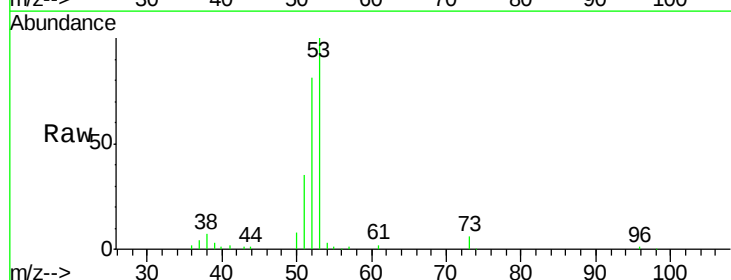
Tgt Ion: 53 Resp: 136734

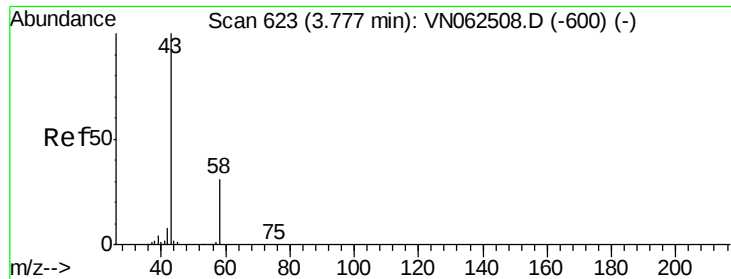
Ion Ratio Lower Upper

53 100

52 83.1 41.8 125.4

51 36.1 18.5 55.5





#15

Acetone

Concen: 83.593 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN062517.D

Acq: 13 Jul 2020 15:34

Instrument :

MSVOA_N

ClientSampleId :

VN0713WBSD01

Tot Ion: 58 Resp: 36327

Ion Ratio Lower Upper

58 100

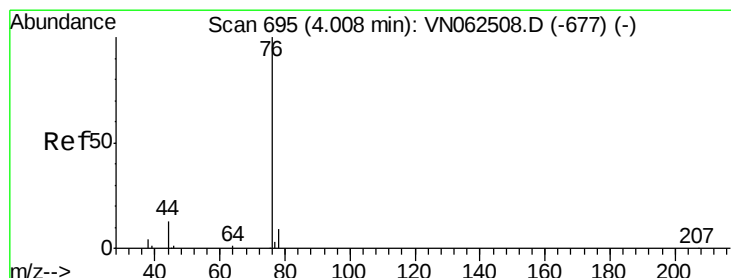
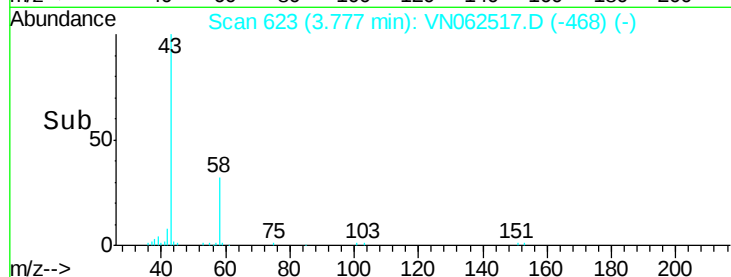
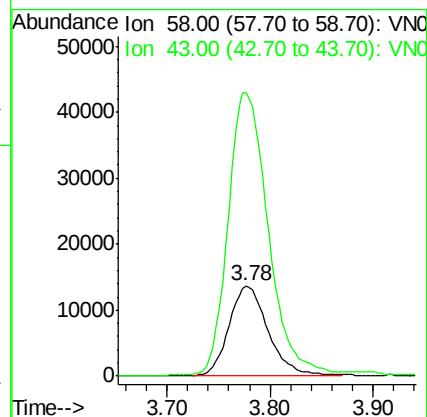
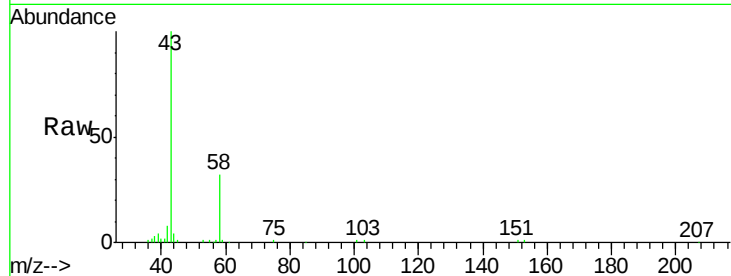
43 311.6 261.1 391.7

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#16

Carbon Disulfide

Concen: 18.474 ug/l

RT: 4.01 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN062517.D

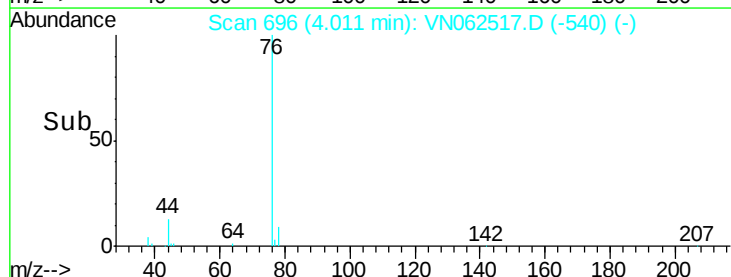
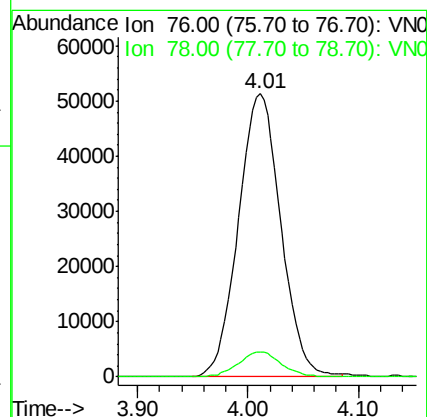
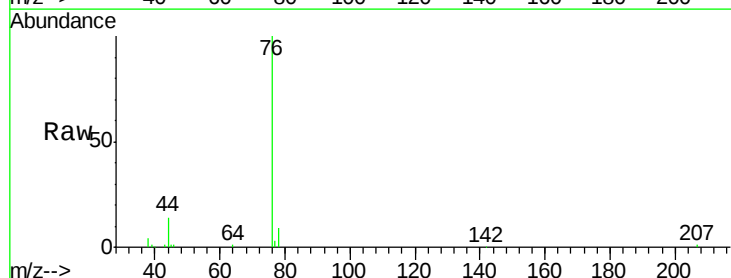
Acq: 13 Jul 2020 15:34

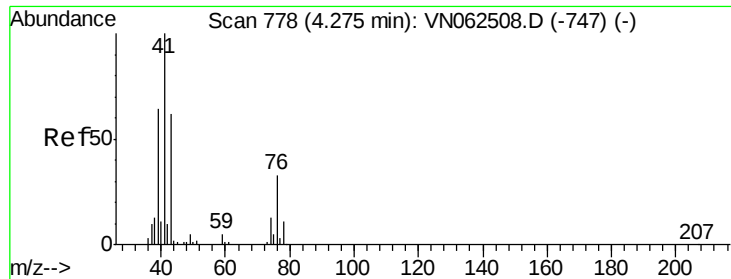
Tgt Ion: 76 Resp: 136635

Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.0





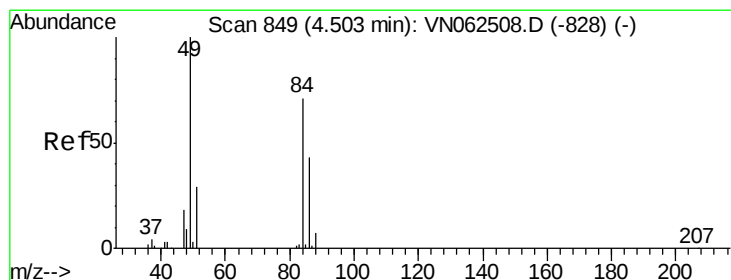
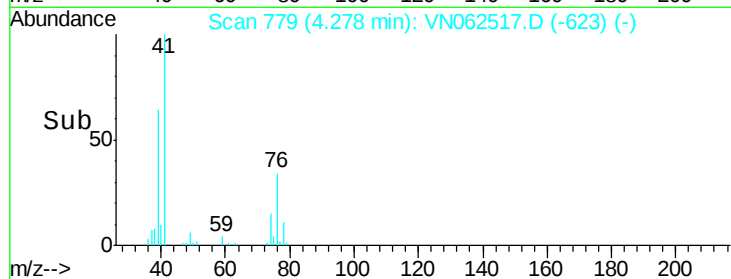
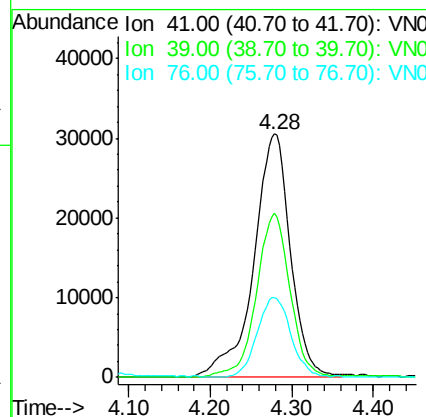
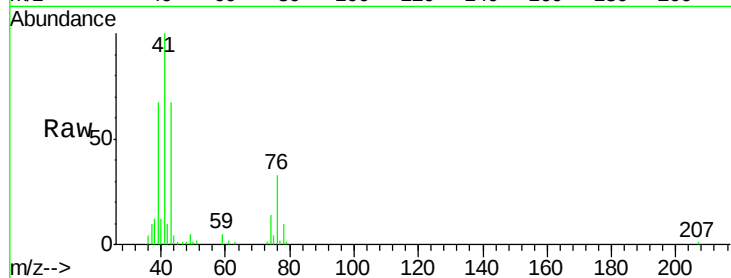
#17
Allvl chloride
Concen: 19.754 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

Instrument :
MSVOA_N
ClientSampleId :
VN0713WBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	67.2	31.9	95.5
76	32.8	16.6	49.8

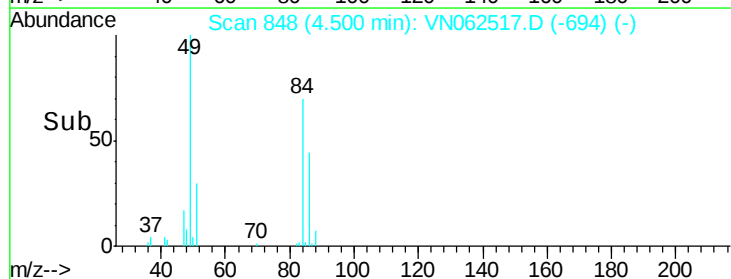
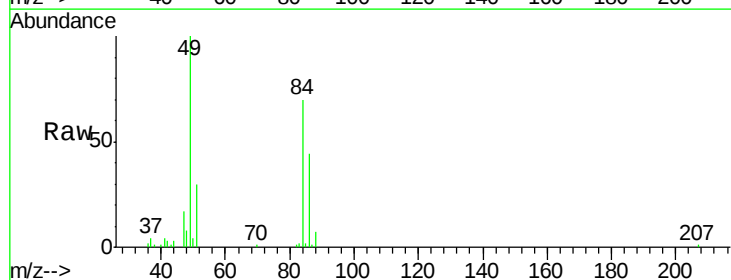
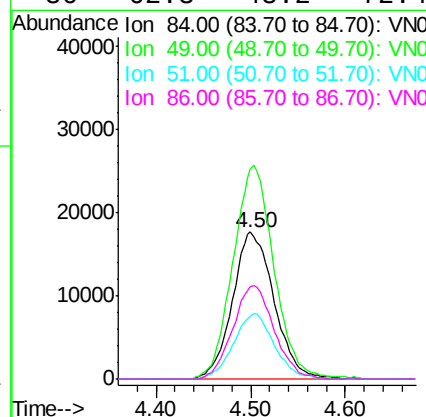
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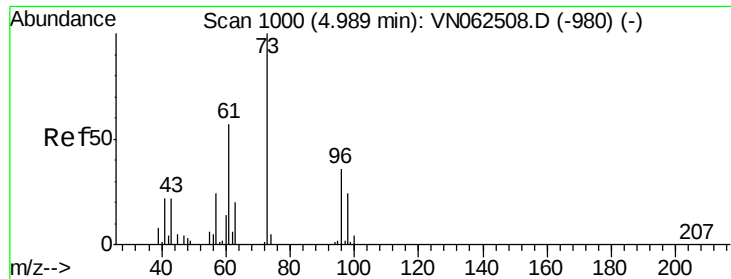
MMDadoda
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#18
Methylene Chloride
Concen: 19.313 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

Tgt Ion	Ratio	Lower	Upper
84	100		
49	143.2	112.1	168.1
51	42.5	33.0	49.4
86	62.3	48.2	72.4





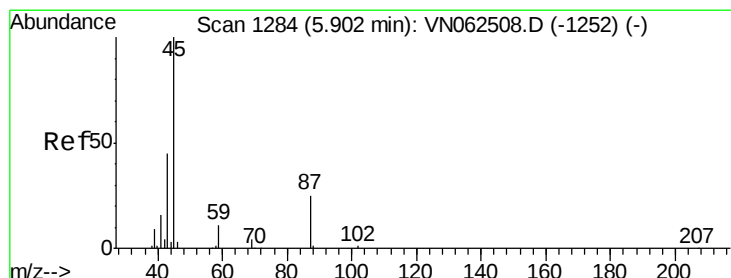
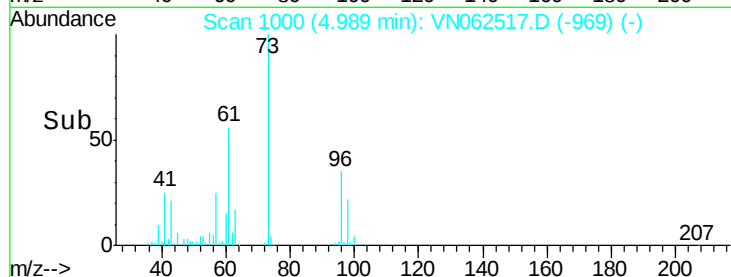
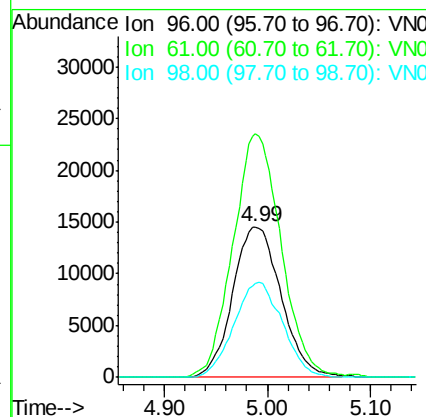
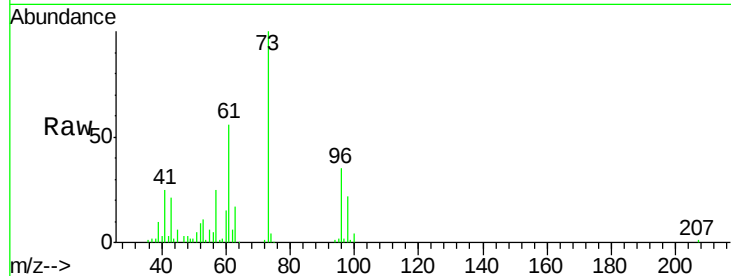
#19
trans-1,2-Dichloroethene
Concen: 18.918 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

Instrument :
MSVOA_N
ClientSampleId :
VN0713WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	160.0	125.7	188.5	
98	62.5	54.1	81.1	

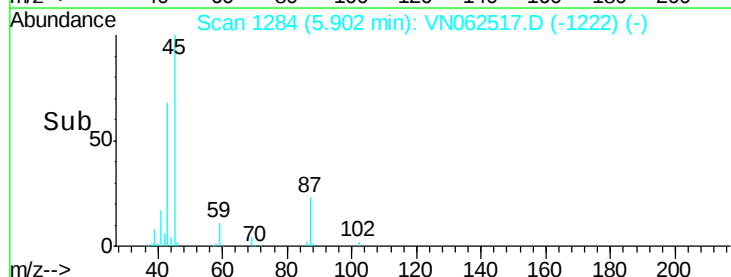
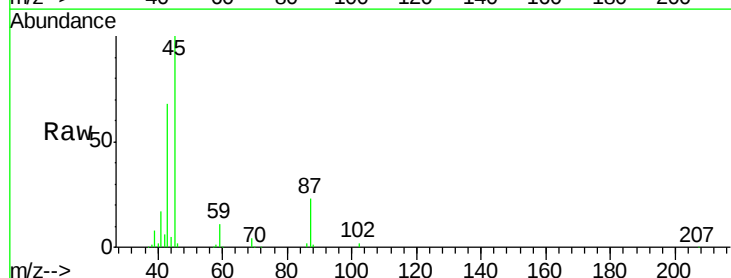
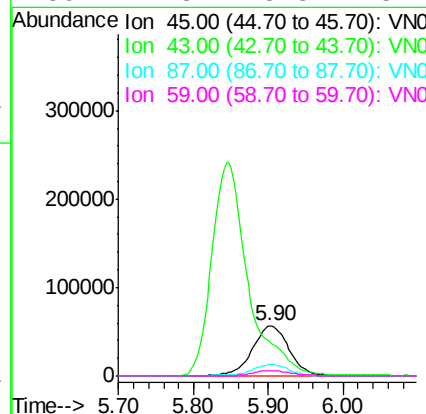
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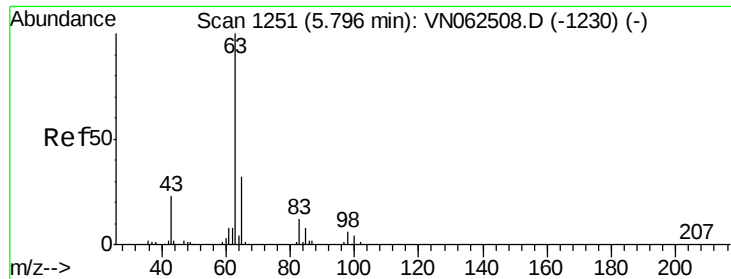
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#20
Diisopropyl ether
Concen: 19.605 ug/l
RT: 5.90 min Scan# 1284
Delta R.T. -0.00 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

Tgt Ion	Ion	Ratio	Lower	Upper
45	100			
43	65.4	51.3	76.9	
87	23.2	19.8	29.6	
59	11.3	8.8	13.2	





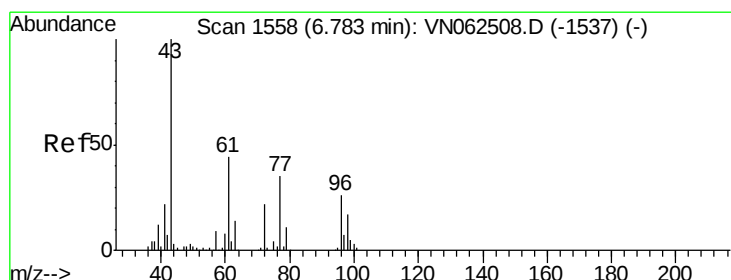
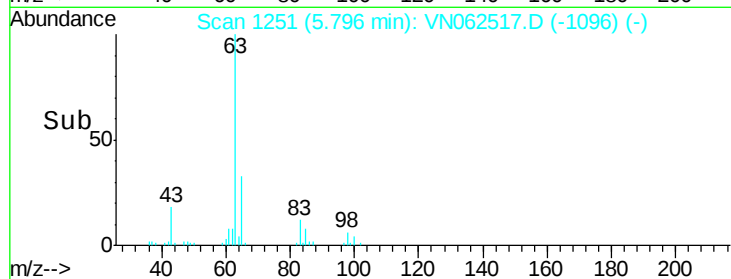
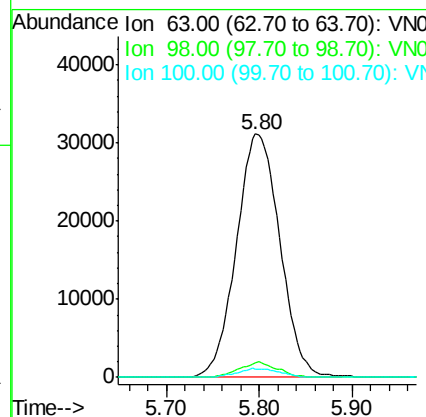
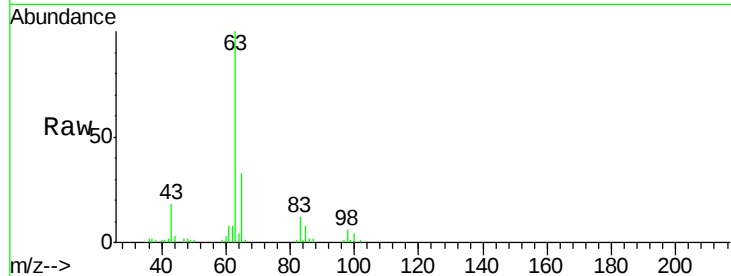
#21
 1,1-Dichloroethane
 Concen: 19.307 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VN062517.D
 Acq: 13 Jul 2020 15:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
63	100				
98	6.1		2.8	8.4	
100	3.6		2.0	5.8	

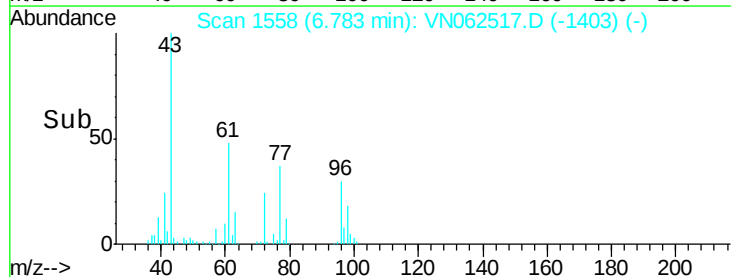
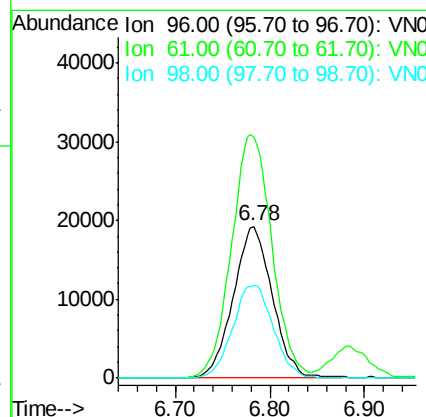
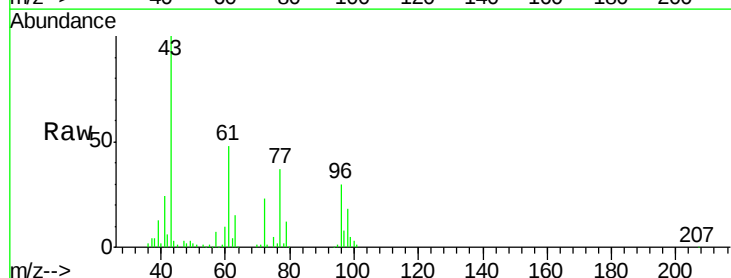
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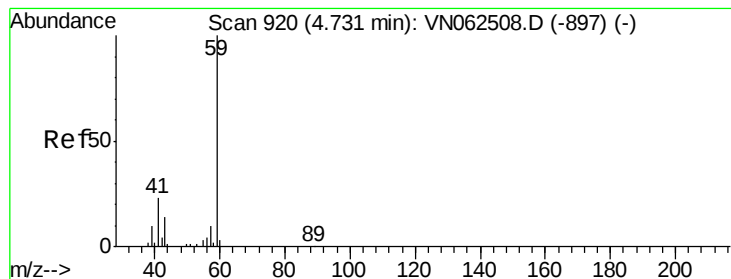
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#22
 cis-1,2-Dichloroethene
 Concen: 19.517 ug/l
 RT: 6.78 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: VN062517.D
 Acq: 13 Jul 2020 15:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	100				
61	165.8		134.9	202.3	
98	63.2		51.5	77.3	





#23

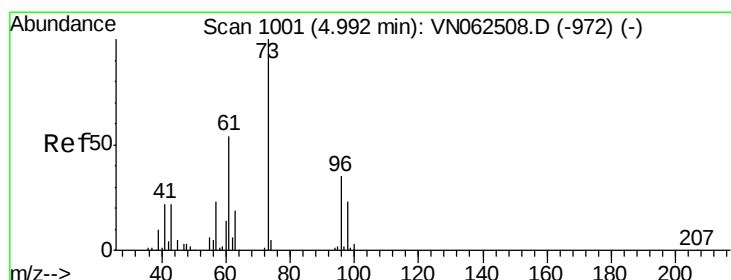
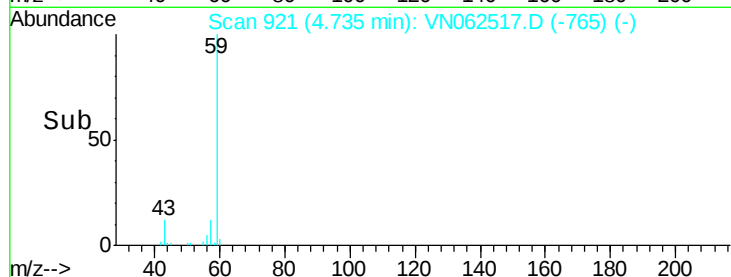
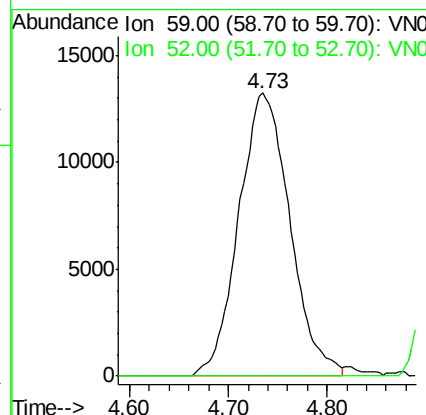
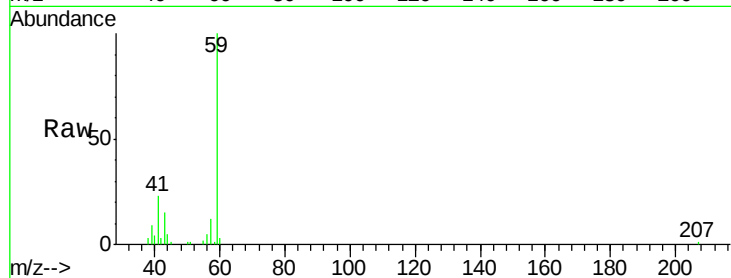
tert-Butyl Alcohol
Concen: 100.682 ug/l
RT: 4.73 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

Instrument :
MSVOA_N
ClientSampleId :
VN0713WBSD01

Tot Ion	59	Resp	47699
Ion Ratio	100	Lower	Upper
52	0.0	0.0	0.0

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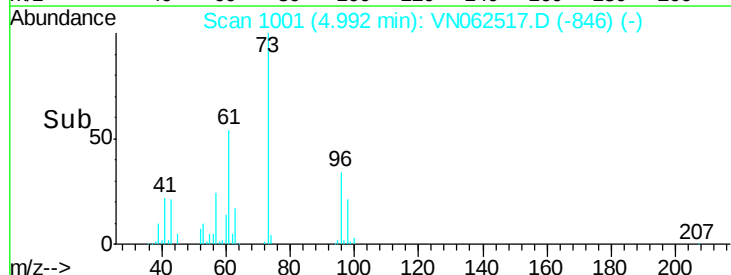
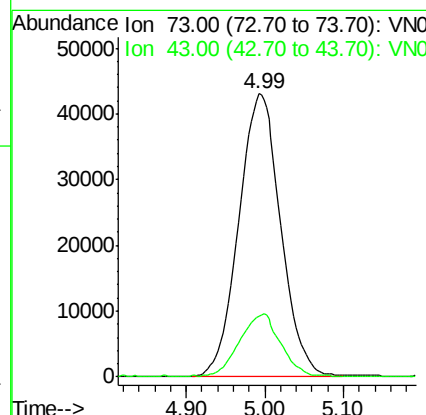
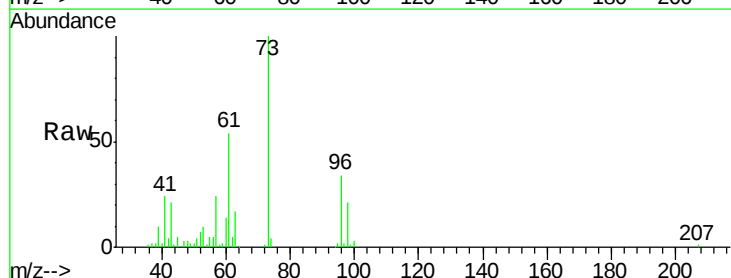
MMDadoda
7/14/2020 11:36:58 AM

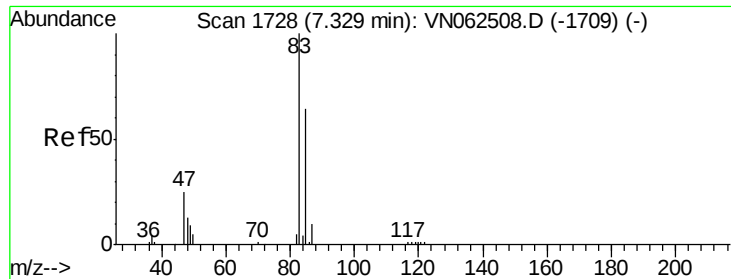


#24

Methyl tert-Butyl Ether
Concen: 19.277 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

Tgt Ion	73	Resp	161303
Ion Ratio	100	Lower	Upper
43	21.3	16.9	25.3





#25

Chloroform

Concen: 19.220 ug/l

RT: 7.33 min Scan# 1729

Delta R.T. 0.00 min

Lab File: VN062517.D

Acq: 13 Jul 2020 15:34

Instrument :

MSVOA_N

ClientSampleId :

VN0713WBSD01

Tot Ion: 83 Resp: 92465

Ion Ratio Lower Upper

83 100

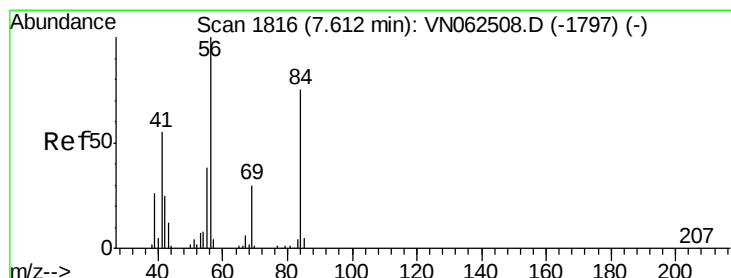
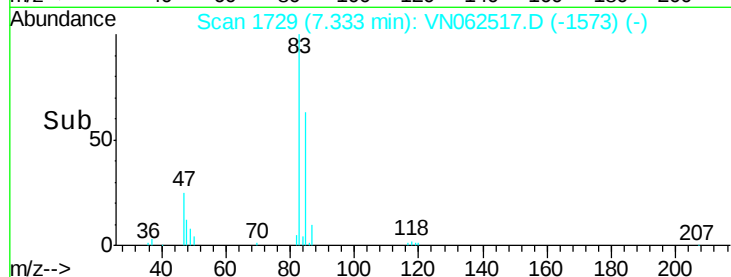
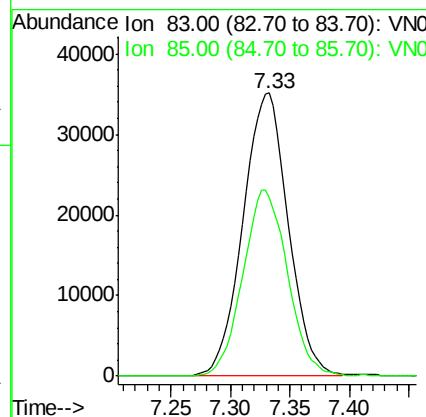
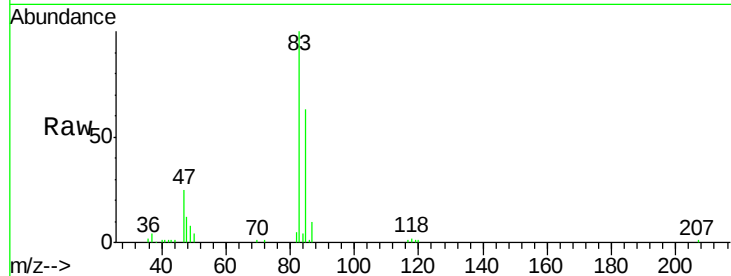
85 62.8 51.0 76.4

Manual Integrations

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#26

Cyclohexane

Concen: 18.968 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062517.D

Acq: 13 Jul 2020 15:34

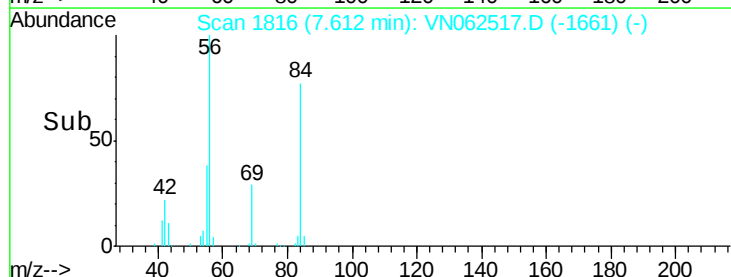
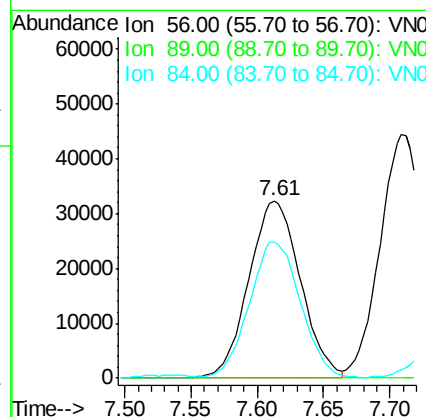
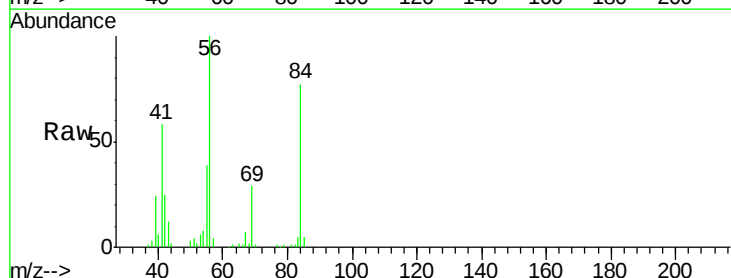
Tgt Ion: 56 Resp: 87705

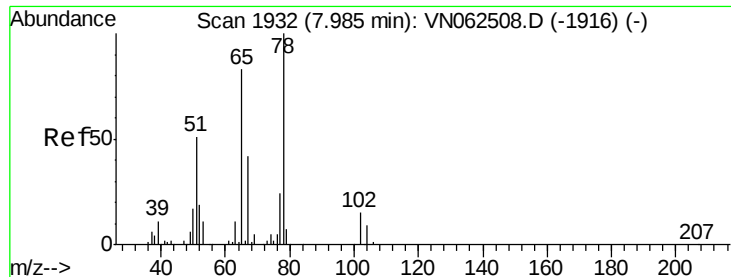
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 76.6 61.1 91.7





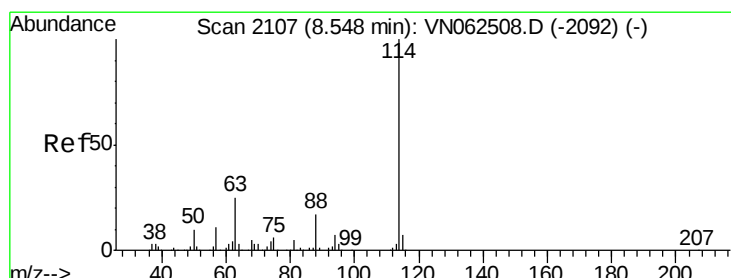
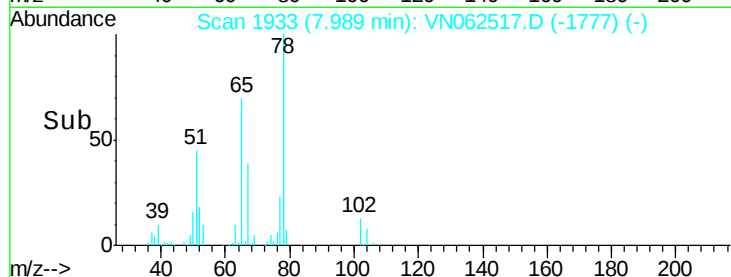
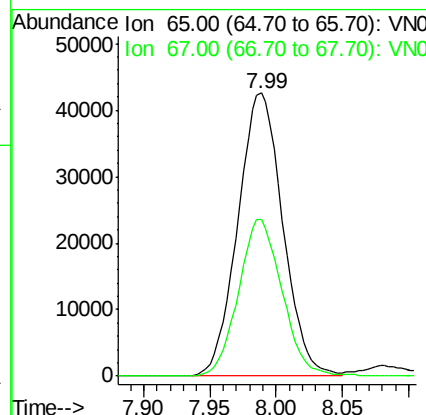
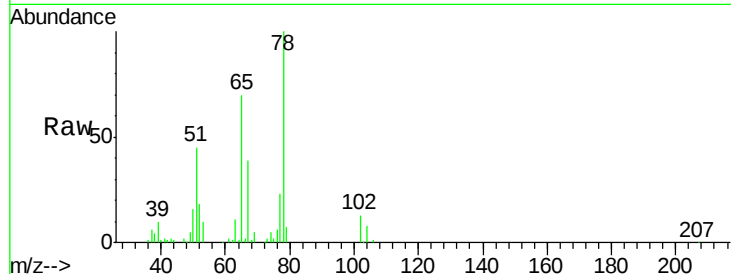
#27
 1,2-Dichloroethane-d4
 Concen: 29.631 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062517.D
 Acq: 13 Jul 2020 15:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713WBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.4	41.7	62.5

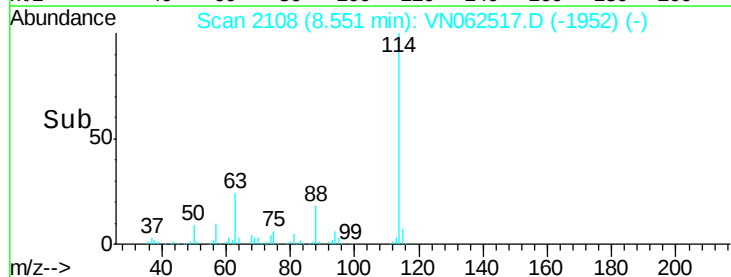
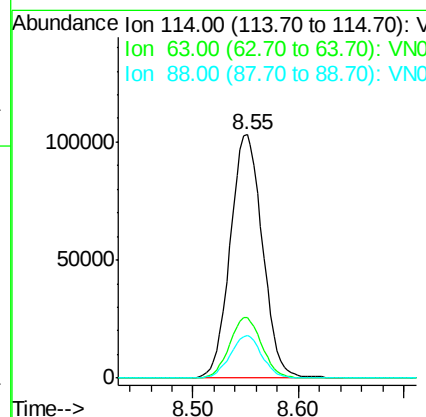
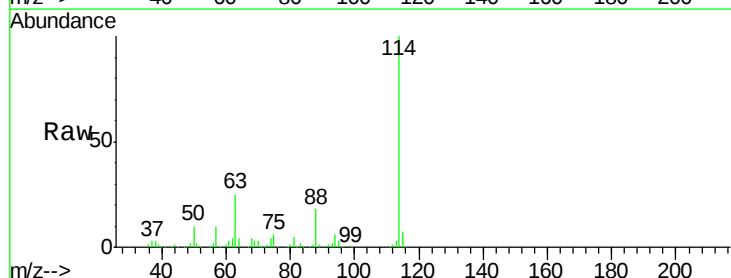
Manual Integrations
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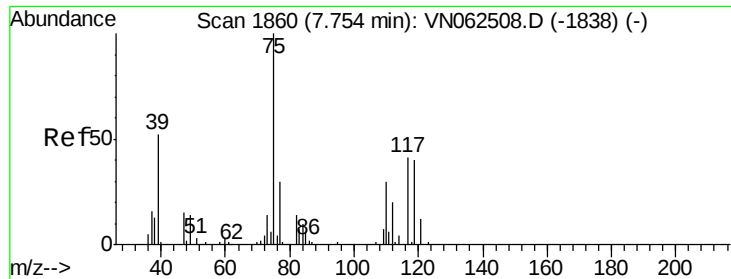
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#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062517.D
 Acq: 13 Jul 2020 15:34

Tgt Ion	Ratio	Lower	Upper
114	100		
63	24.7	19.4	29.0
88	17.2	13.5	20.3





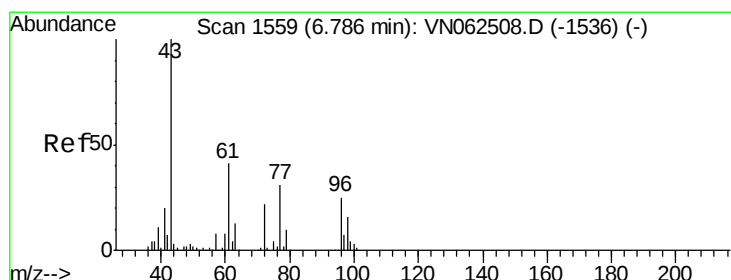
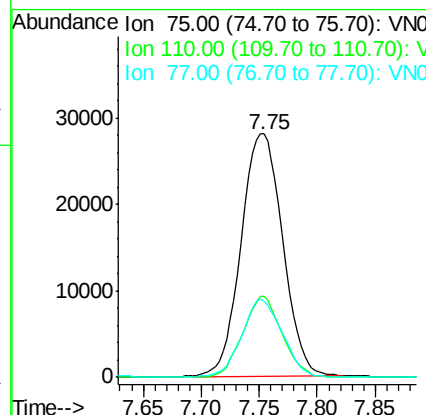
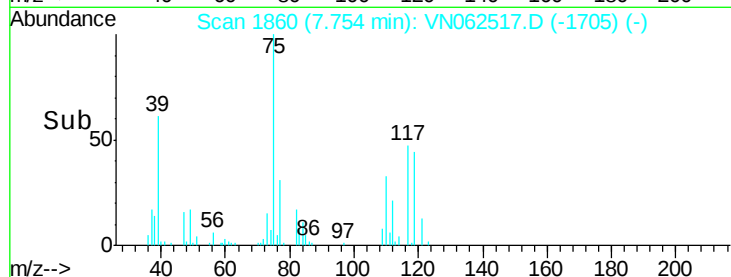
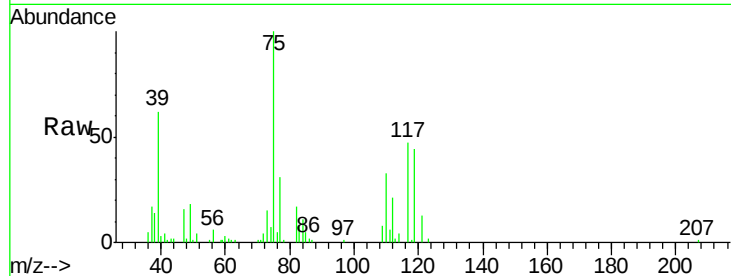
#29
 1,1-Dichloropropene
 Concen: 18.999 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: VN062517.D
 Acq: 13 Jul 2020 15:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
110	31.5	0.0	62.4
77	31.3	0.0	62.8

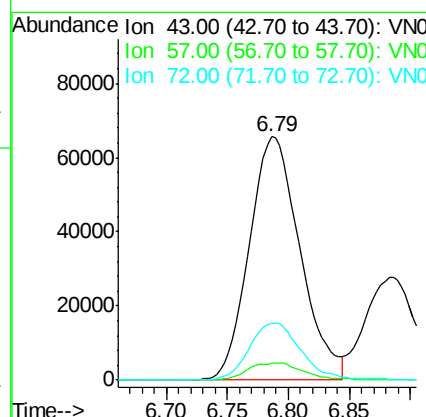
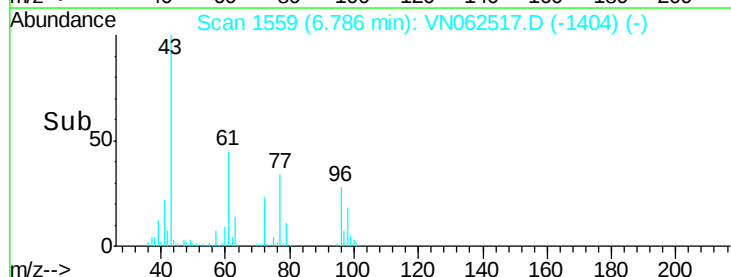
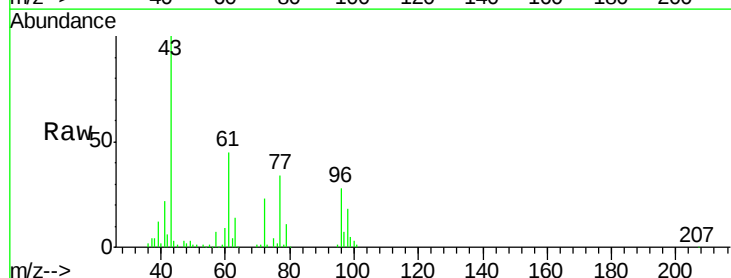
Manual Integrations
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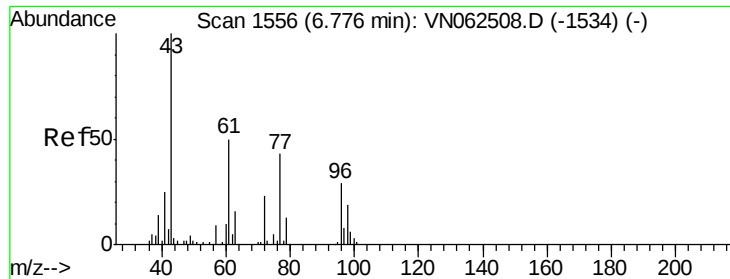
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#30
 2-Butanone
 Concen: 96.571 ug/l
 RT: 6.79 min Scan# 1559
 Delta R.T. -0.00 min
 Lab File: VN062517.D
 Acq: 13 Jul 2020 15:34

Tgt Ion	Ratio	Lower	Upper
43	100		
57	0.0	6.6	9.8#
72	23.6	18.5	27.7





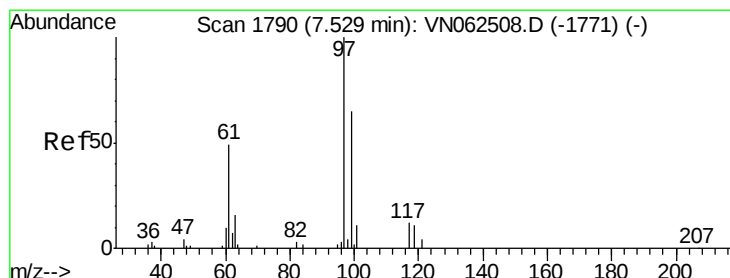
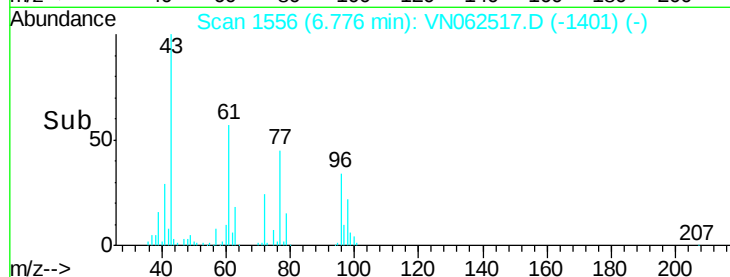
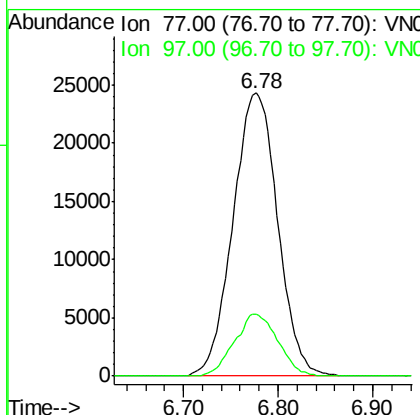
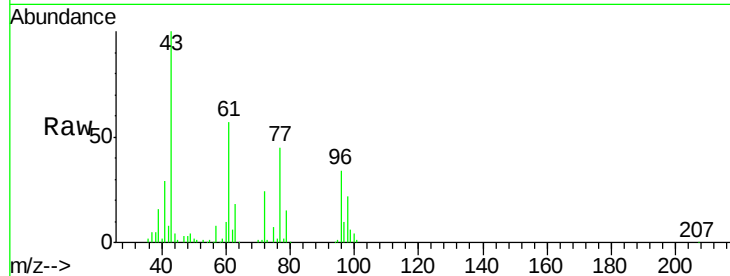
#31
 2,2-Dichloropropane
 Concen: 19.107 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. -0.00 min
 Lab File: VN062517.D
 Acq: 13 Jul 2020 15:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713WBSD01

Tot Ion: 77 Resp: 79783
 Ion Ratio Lower Upper
 77 100
 97 21.3 8.6 12.8#

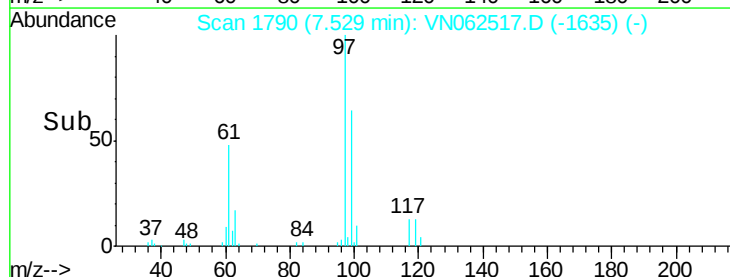
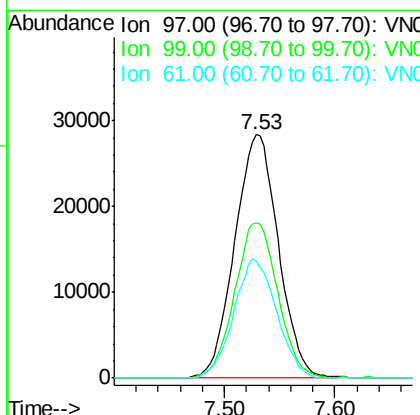
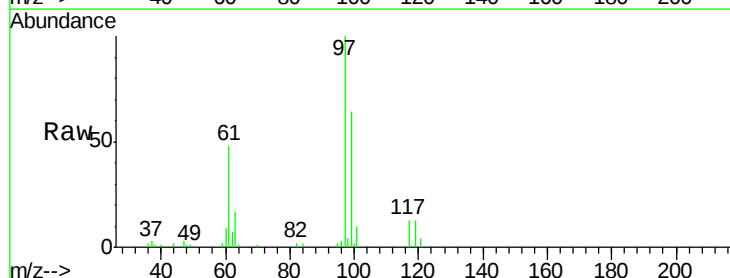
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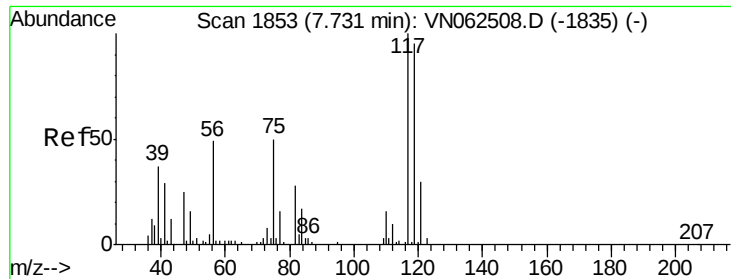
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#32
 1,1,1-Trichloroethane
 Concen: 19.509 ug/l
 RT: 7.53 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VN062517.D
 Acq: 13 Jul 2020 15:34

Tgt Ion: 97 Resp: 77649
 Ion Ratio Lower Upper
 97 100
 99 63.0 51.8 77.8
 61 48.0 39.4 59.0





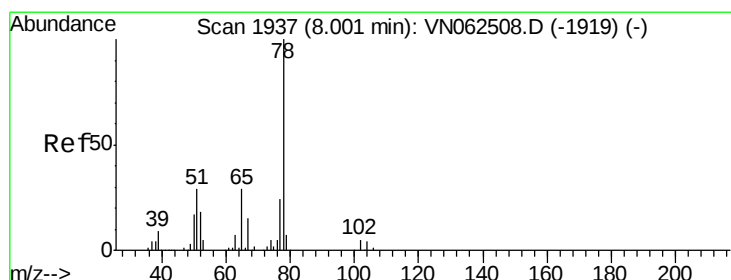
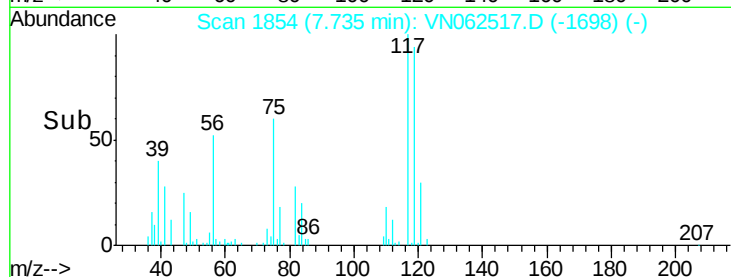
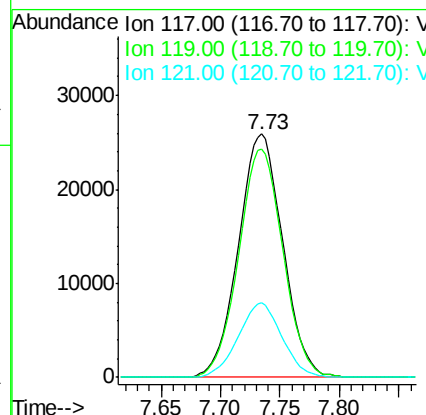
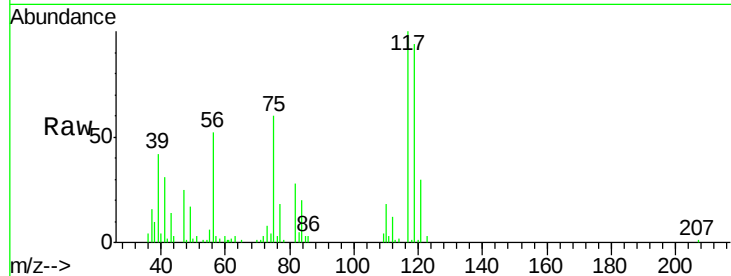
#33
Carbon Tetrachloride
Concen: 19.354 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

Instrument :
MSVOA_N
ClientSampleId :
VN0713WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
119	94.0	76.2	114.4
121	30.4	23.8	35.6

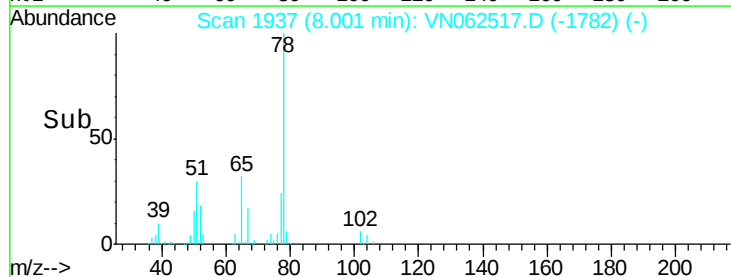
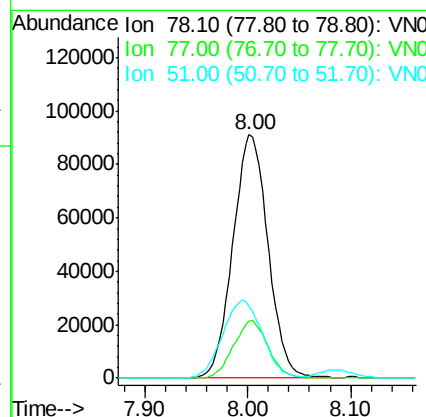
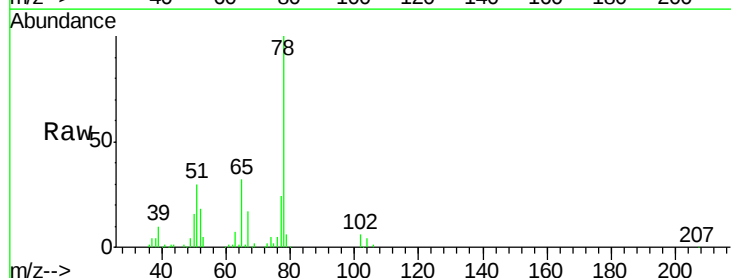
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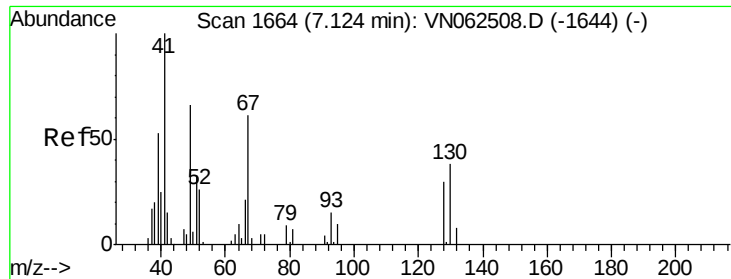
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#34
Benzene
Concen: 19.676 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.9	28.3
51	29.1	23.1	34.7





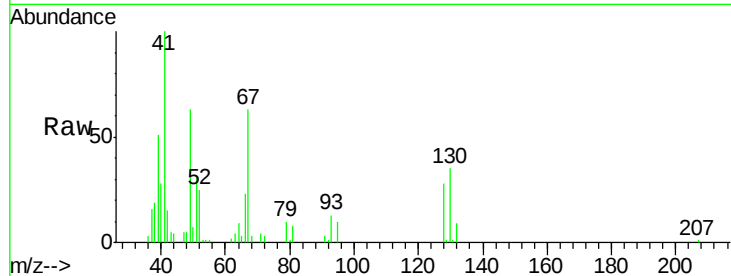
#35
Methacrylonitrile
Concen: 19.567 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

Instrument :
MSVOA_N
ClientSampleId :
VN0713WBSD01

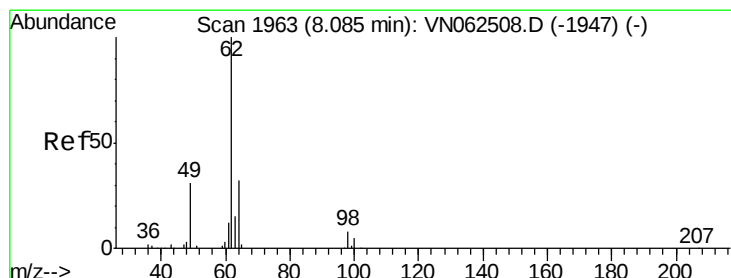
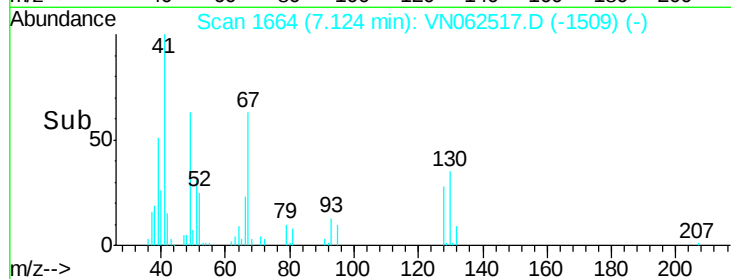
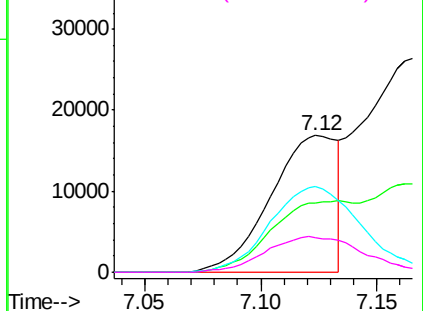
Tot Ion	41	Resp	33756
Ion	Ratio	Lower	Upper
41	100		
39	51.0	26.5	79.5
67	62.9	30.7	92.1
52	25.4	13.0	39.0

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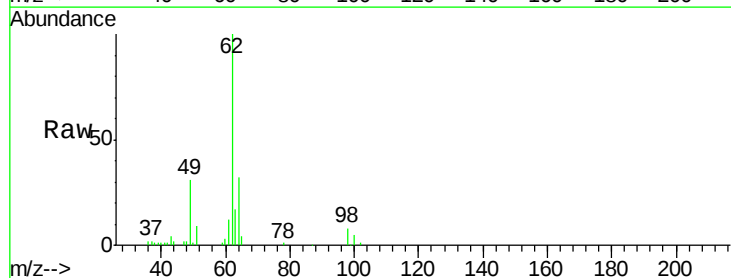


Abundance Ion 41.00 (40.70 to 41.70): VN062508.D (-1644) (-)
Ion 39.00 (38.70 to 39.70): VN062508.D (-1644) (-)
Ion 67.00 (66.70 to 67.70): VN062508.D (-1644) (-)
Ion 52.00 (51.70 to 52.70): VN062508.D (-1644) (-)

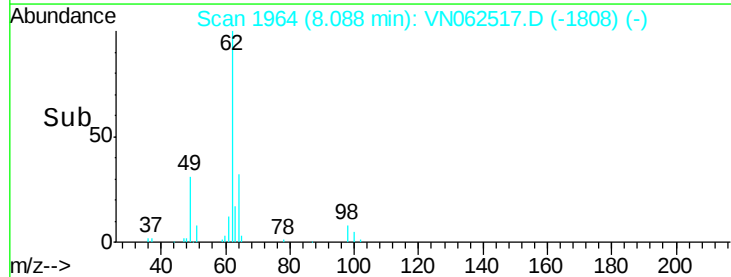
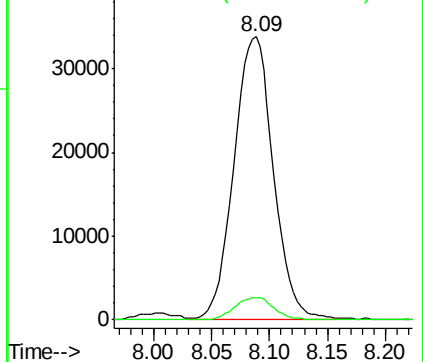


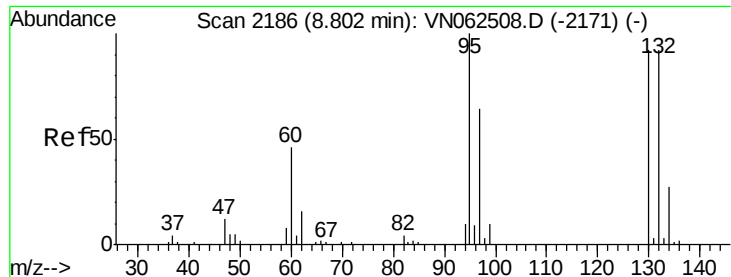
#36
1,2-Dichloroethane
Concen: 20.213 ug/l
RT: 8.09 min Scan# 1964
Delta R.T. 0.00 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

Tgt Ion	62	Resp	79929
Ion	Ratio	Lower	Upper
62	100		
98	7.8	6.6	9.8



Abundance Ion 62.00 (61.70 to 62.70): VN062508.D (-1947) (-)
Ion 98.00 (97.70 to 98.70): VN062508.D (-1947) (-)





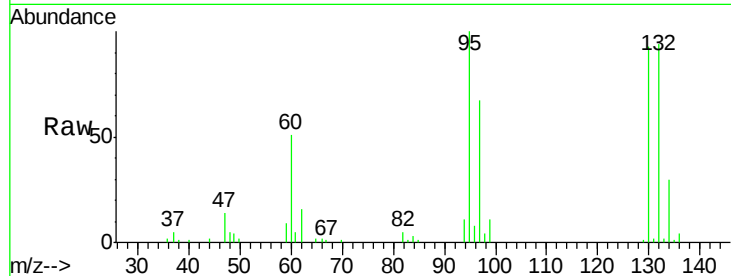
#37
 Trichloroethene
 Concen: 19.150 ug/l
 RT: 8.80 min Scan# 2186
 Delta R.T. -0.00 min
 Lab File: VN062517.D
 Acq: 13 Jul 2020 15:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713WBSD01

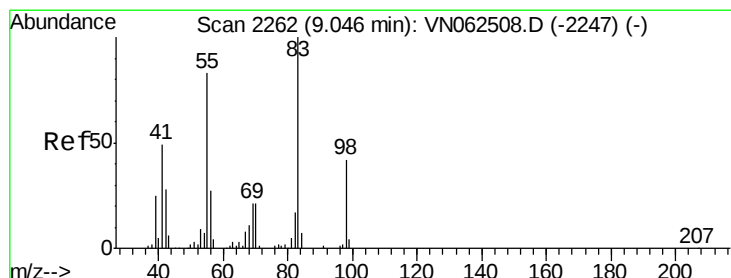
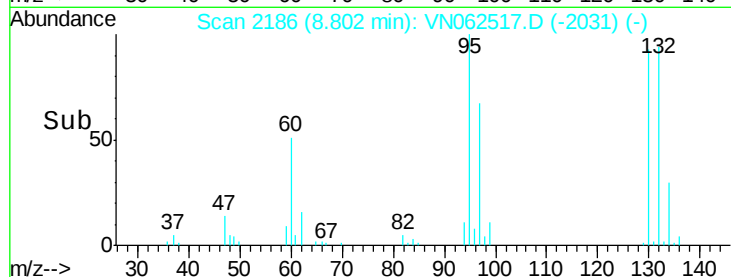
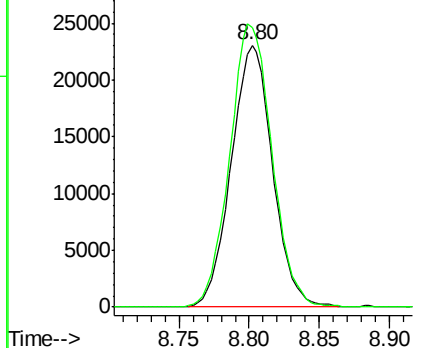
Tot Ion:130 Resp: 47322
 Ion Ratio Lower Upper
 130 100
 95 106.4 86.5 129.7

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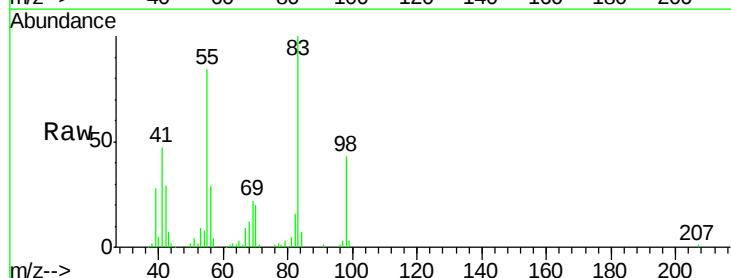


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VN

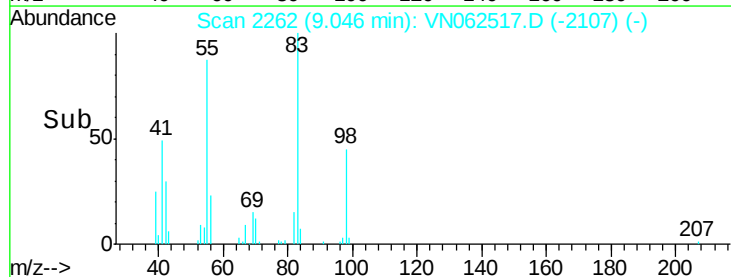
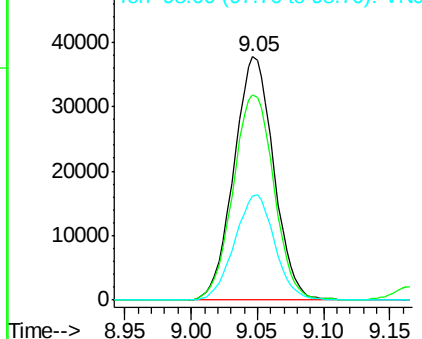


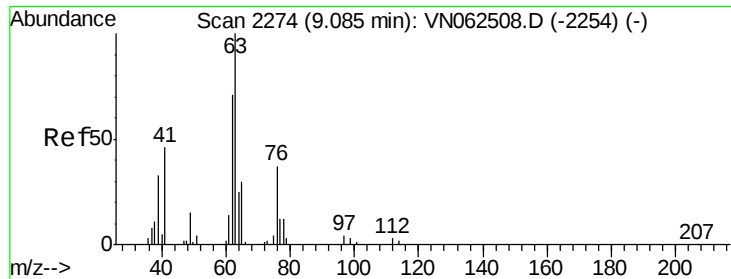
#38
 Methylcyclohexane
 Concen: 18.932 ug/l
 RT: 9.05 min Scan# 2262
 Delta R.T. -0.00 min
 Lab File: VN062517.D
 Acq: 13 Jul 2020 15:34

Tgt Ion: 83 Resp: 78649
 Ion Ratio Lower Upper
 83 100
 55 86.4 42.8 128.3
 98 43.6 21.9 65.7



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





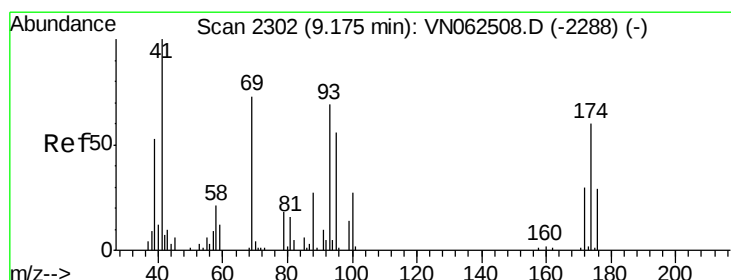
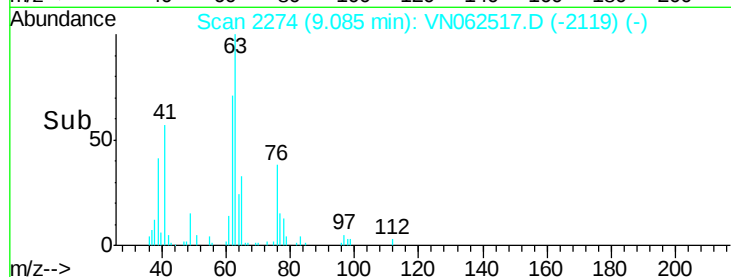
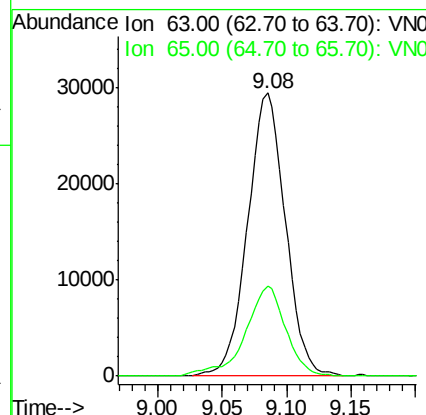
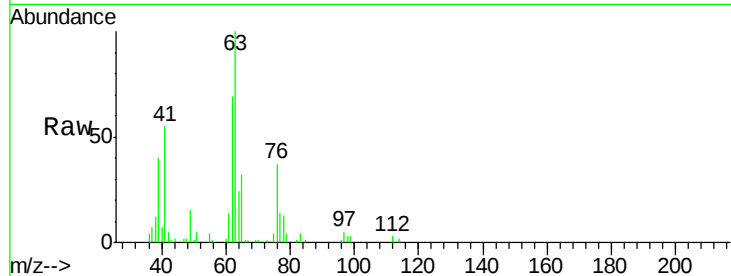
#39
 1,2-Dichloropropane
 Concen: 19.140 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062517.D
 Acq: 13 Jul 2020 15:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713WBSD01

Tot Ion: 63 Resp: 59991
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.2 36.4

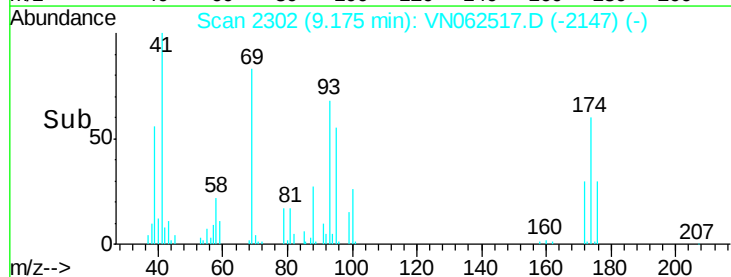
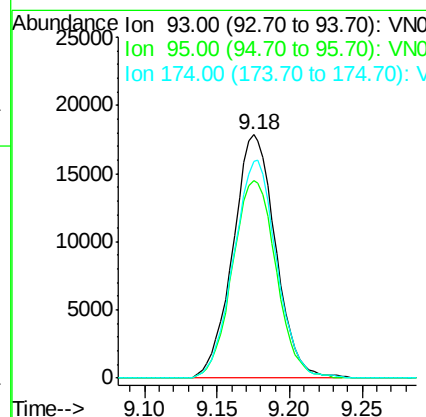
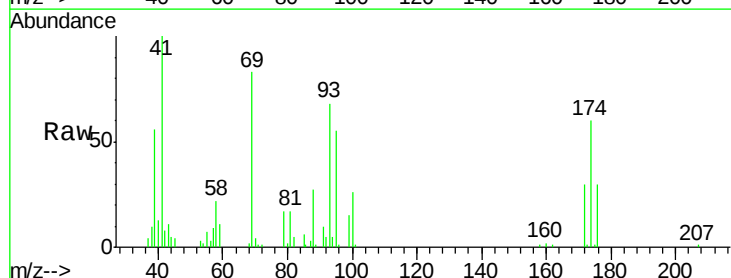
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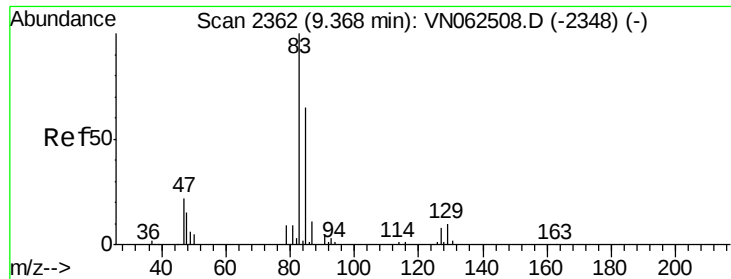
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#40
 Dibromomethane
 Concen: 20.231 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062517.D
 Acq: 13 Jul 2020 15:34

Tgt Ion: 93 Resp: 36544
 Ion Ratio Lower Upper
 93 100
 95 82.8 0.0 161.2
 174 89.9 0.0 178.0





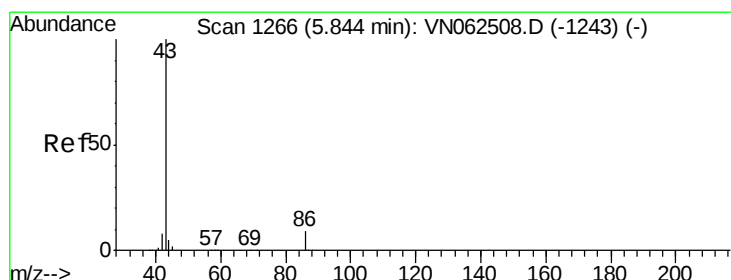
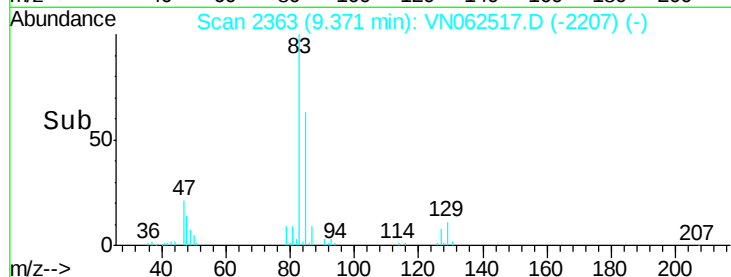
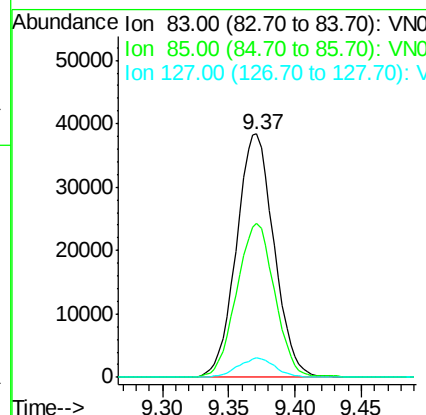
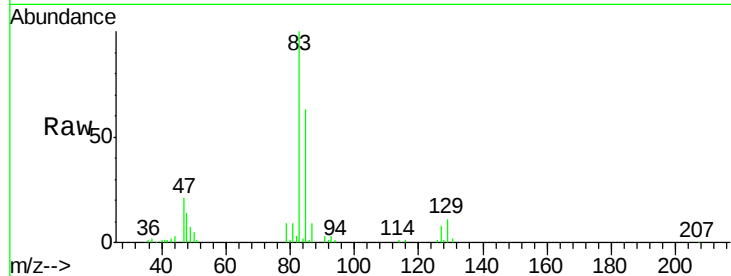
#41
 Bromodichloromethane
 Concen: 19.770 ug/l
 RT: 9.37 min Scan# 2363
 Delta R.T. 0.00 min
 Lab File: VN062517.D
 Acq: 13 Jul 2020 15:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713WBSD01

Tot Ion	83	Resp	75744
Ion Ratio	100	Lower	Upper
83	100		
85	63.5	51.6	77.4
127	8.0	6.3	9.5

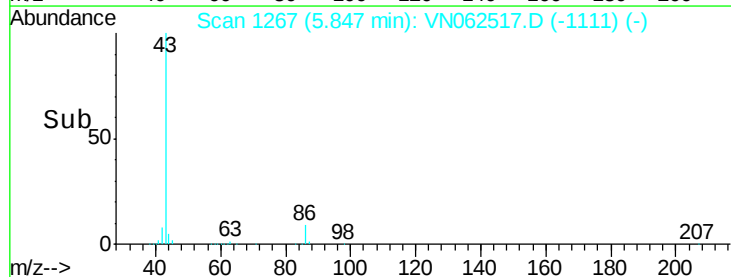
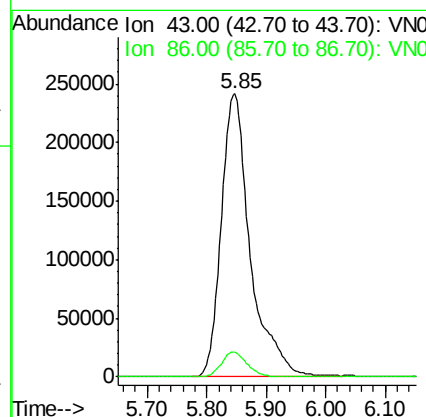
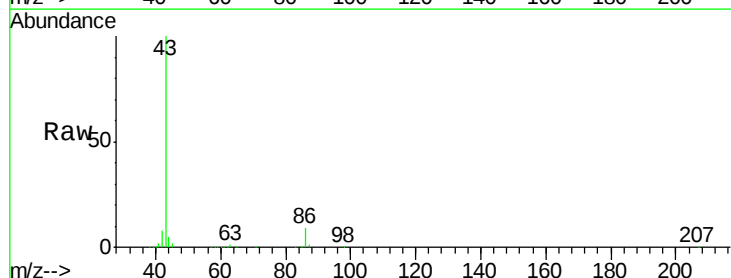
Manual Integrations
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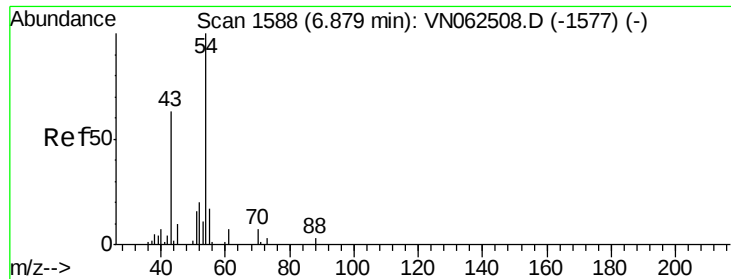
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#42
 Vinyl Acetate
 Concen: 100.402 ug/l
 RT: 5.85 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: VN062517.D
 Acq: 13 Jul 2020 15:34

Tgt Ion	43	Resp	819391
Ion Ratio	100	Lower	Upper
43	100		
86	7.7	6.1	9.1





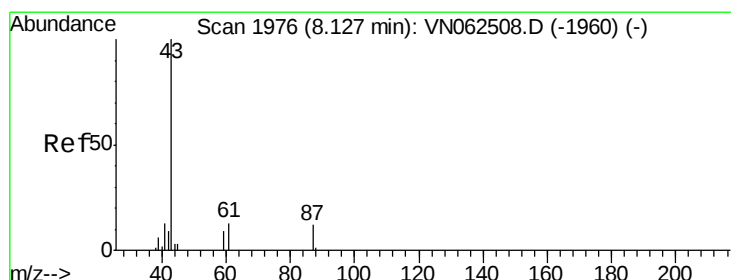
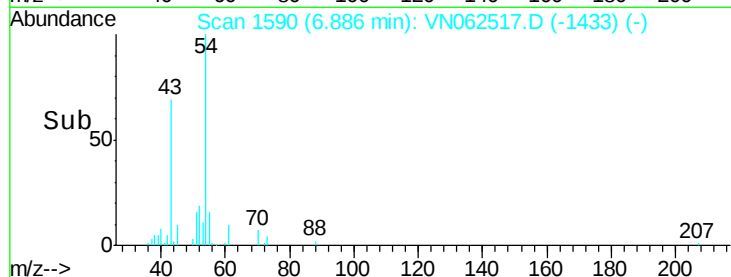
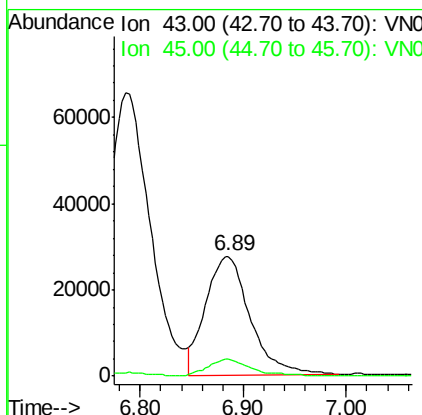
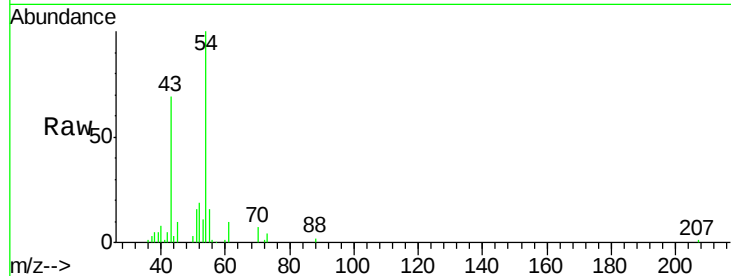
#43
Ethyl Acetate
Concen: 21.112 ug/l
RT: 6.89 min Scan# 1590
Delta R.T. 0.01 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

Instrument :
MSVOA_N
ClientSampleID :
VN0713WBSD01

Tot Ion: 43 Resp: 83360
Ion Ratio Lower Upper
43 100
45 14.1 10.2 15.4

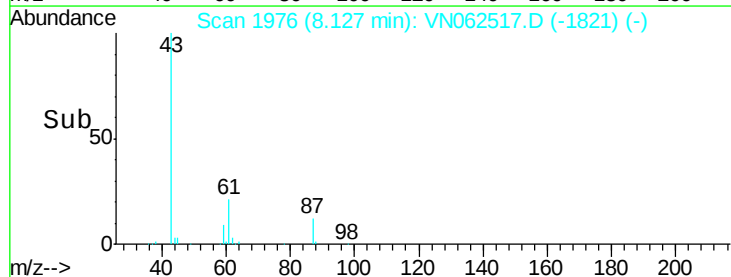
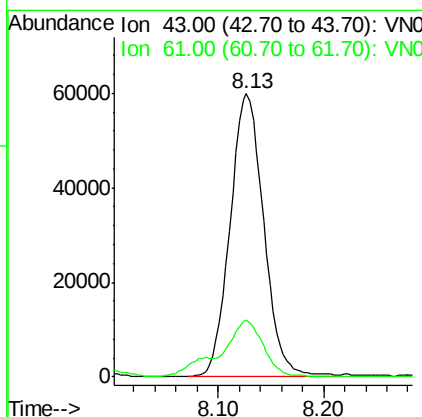
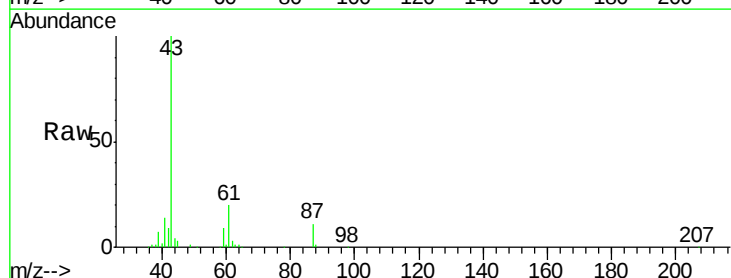
Manual Integrations
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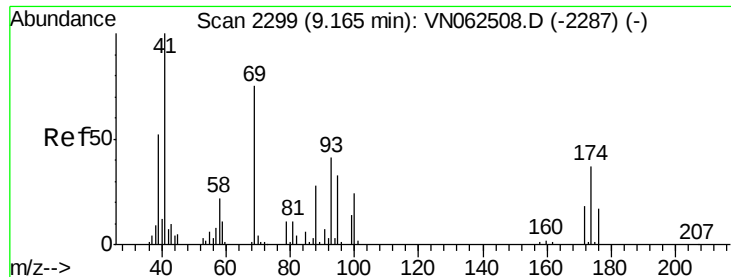
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#44
Isopropyl Acetate
Concen: 20.069 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

Tgt Ion: 43 Resp: 132954
Ion Ratio Lower Upper
43 100
61 20.2 14.7 22.1





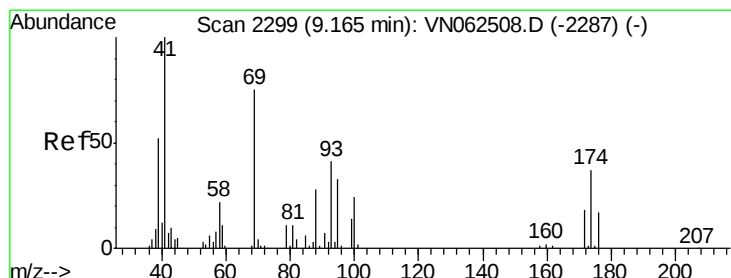
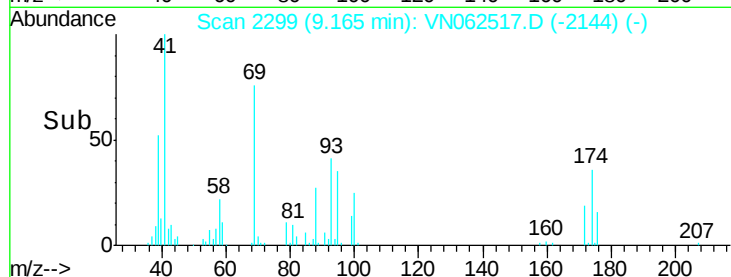
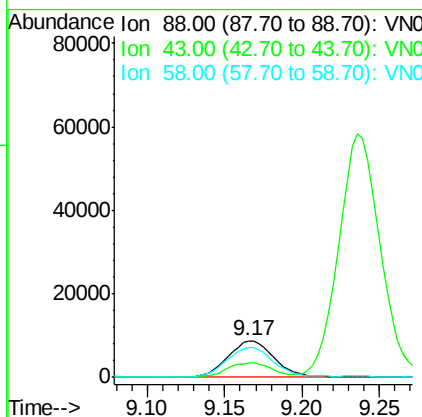
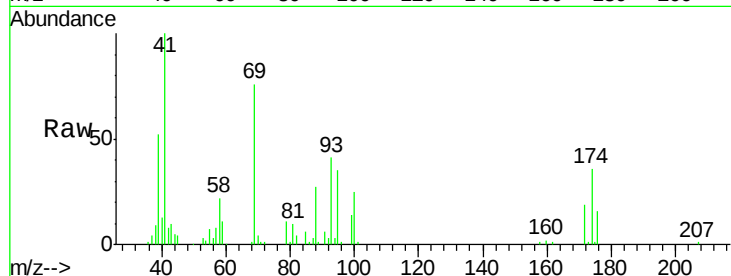
#45
1,4-Dioxane
Concen: 401.372 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

Instrument :
MSVOA_N
ClientSampled :
VN0713WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
88	100			
43	40.2	29.2	43.8	
58	83.3	62.2	93.4	

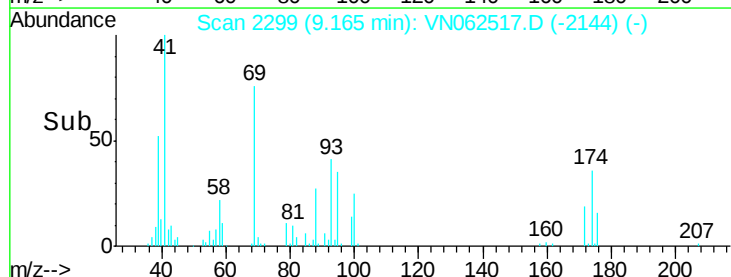
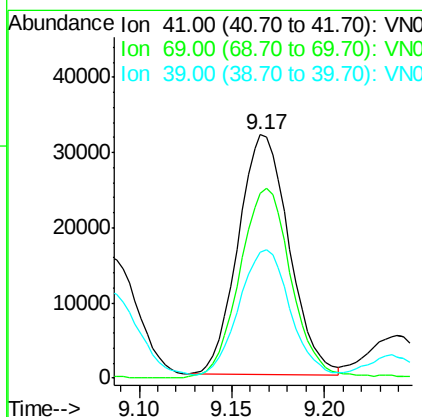
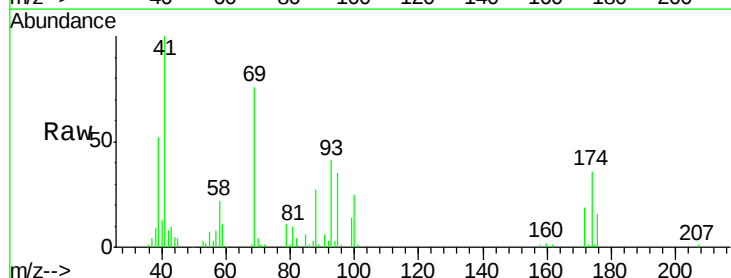
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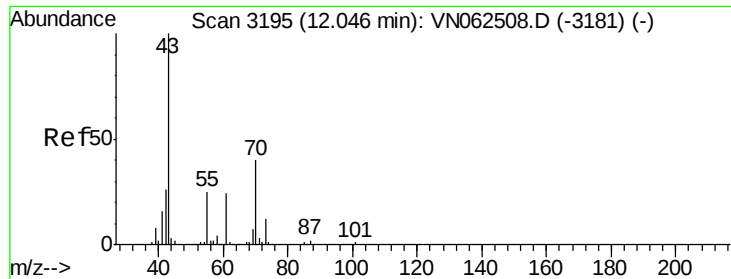
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#46
Methyl methacrylate
Concen: 19.442 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	76.5	37.4	112.2	
39	50.8	25.9	77.6	





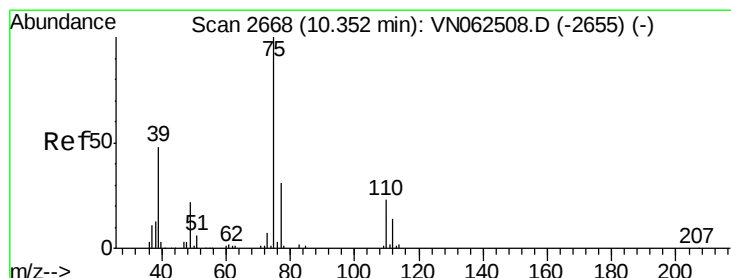
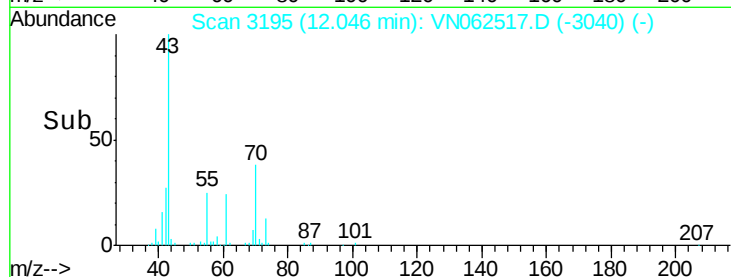
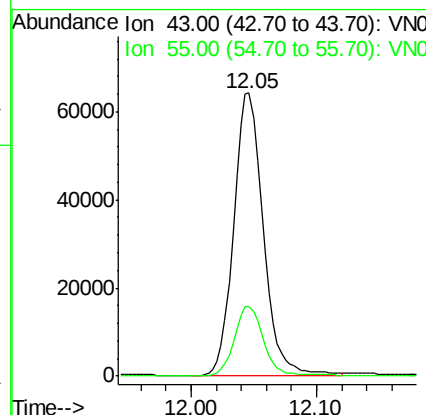
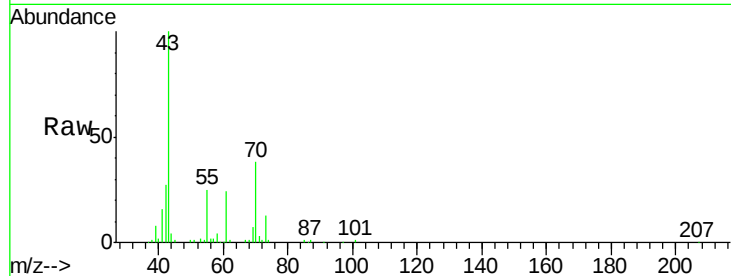
#47
n-amyl Acetate
Concen: 18.963 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. -0.00 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

Instrument :
MSVOA_N
ClientSampleId :
VN0713WBSD01

Tot Ion: 43 Resp: 105894
Ion Ratio Lower Upper
43 100
55 24.1 20.4 30.6

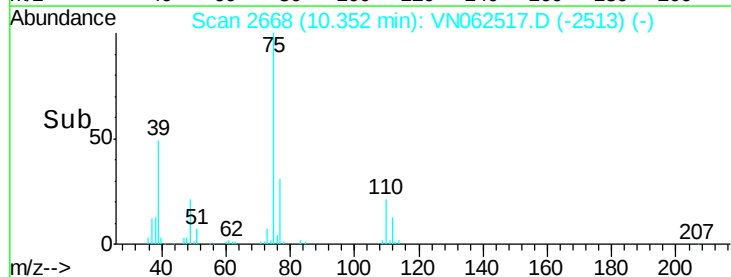
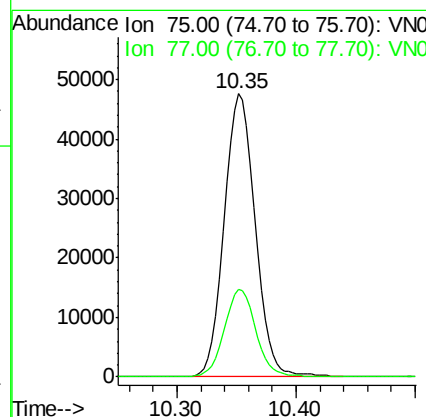
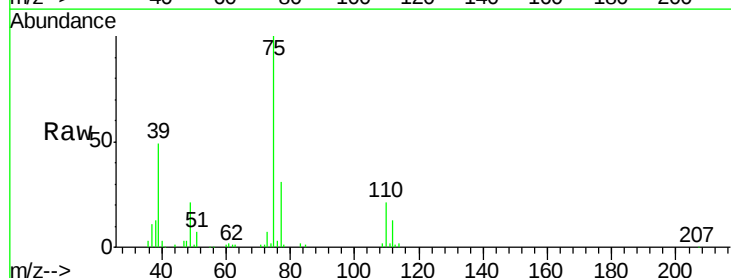
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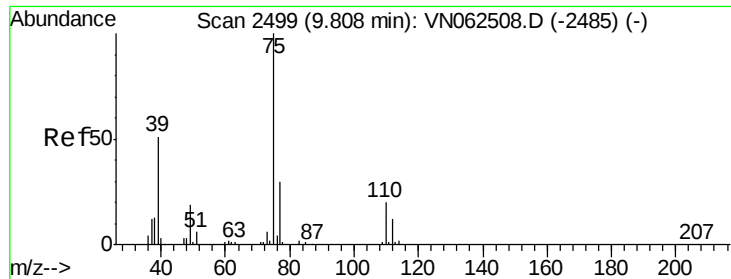
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#48
t-1,3-Dichloropropene
Concen: 19.262 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

Tgt Ion: 75 Resp: 86078
Ion Ratio Lower Upper
75 100
77 31.1 25.0 37.4





#49

cis-1,3-Dichloropropene

Concen: 19.187 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062517.D

Acq: 13 Jul 2020 15:34

Instrument :

MSVOA_N

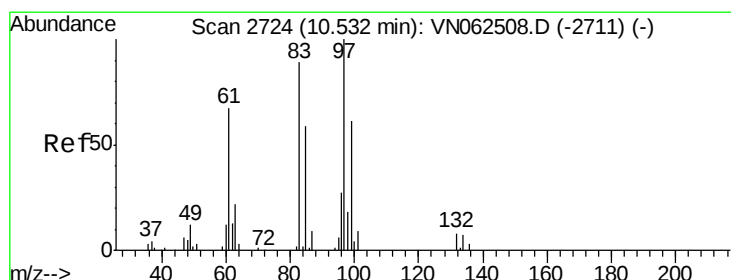
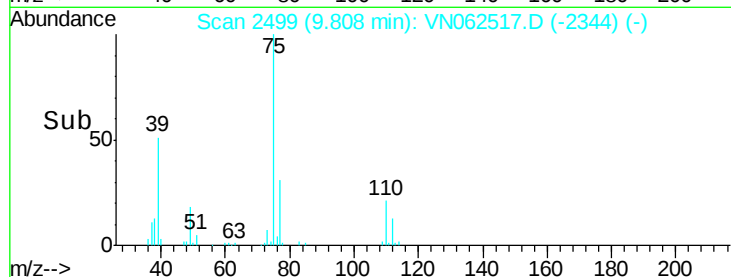
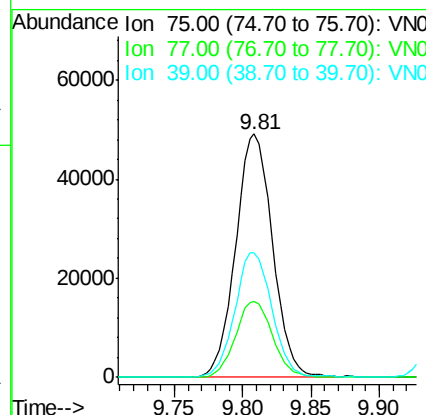
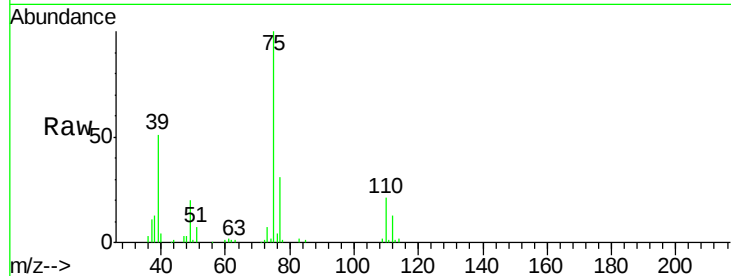
ClientSampleId :

VN0713WBSD01

Tot Ion:	75	Resp:	92558
Ion Ratio	Lower	Upper	
75	100		
77	31.2	23.7	35.5
39	51.4	40.5	60.7

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#50

1,1,2-Trichloroethane

Concen: 20.084 ug/l

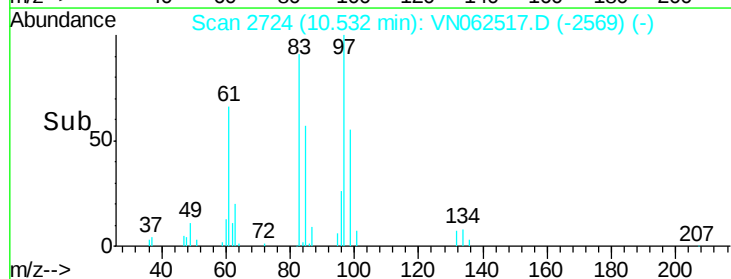
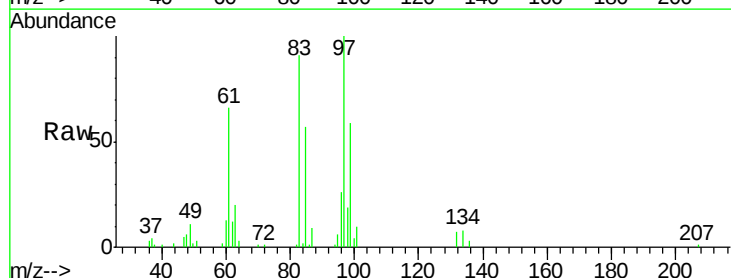
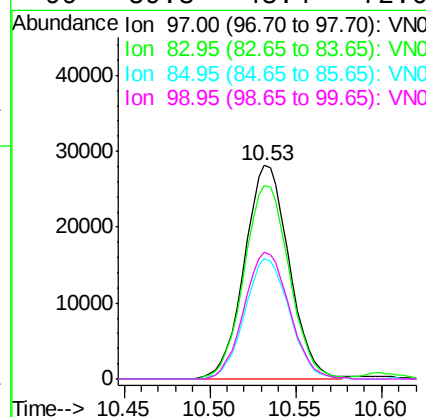
RT: 10.53 min Scan# 2724

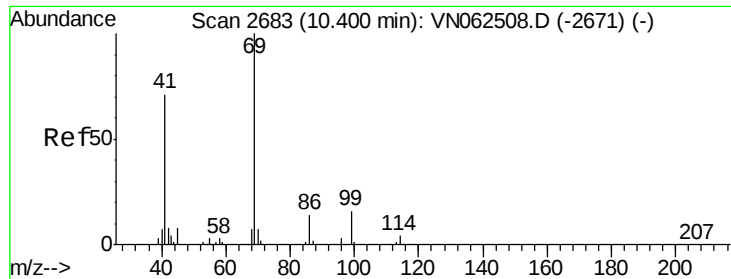
Delta R.T. -0.00 min

Lab File: VN062517.D

Acq: 13 Jul 2020 15:34

Tgt Ion:	97	Resp:	50853
Ion Ratio	Lower	Upper	
97	100		
83	90.7	71.3	106.9
85	56.6	47.2	70.8
99	59.3	48.4	72.6





#51

Ethyl methacrylate

Concen: 19.448 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN062517.D

Acq: 13 Jul 2020 15:34

Instrument :

MSVOA_N

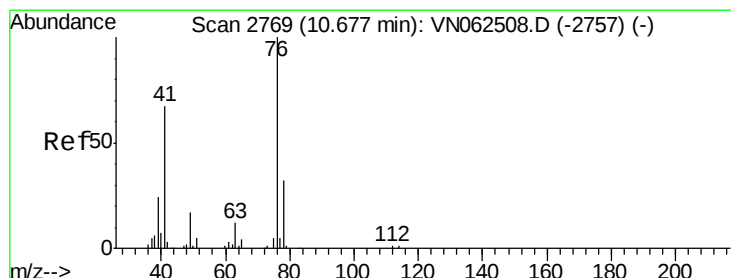
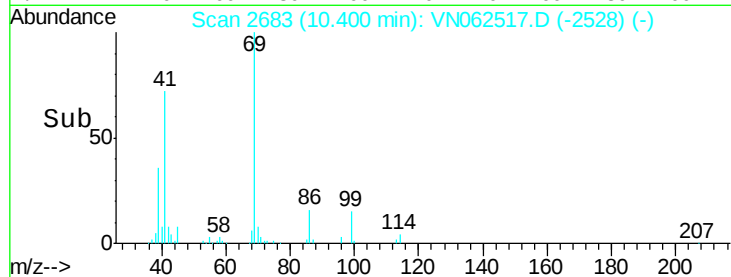
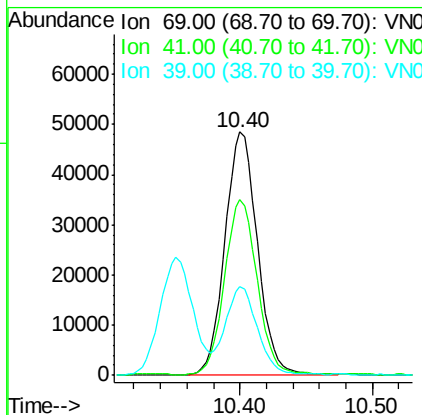
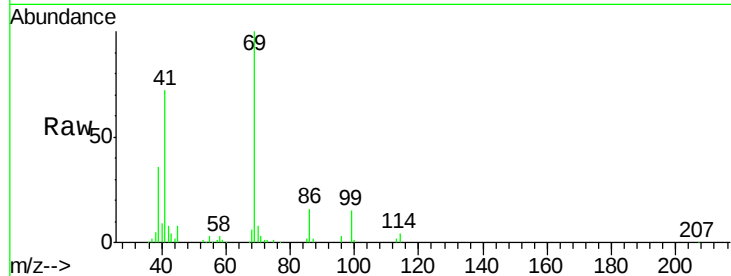
ClientSampleId :

VN0713WBSD01

Tot Ion:	69	Resp:	82907
Ion	Ratio	Lower	Upper
69	100		
41	71.5	35.6	106.8
39	35.6	17.2	51.5

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#52

1,3-Dichloropropane

Concen: 19.985 ug/l

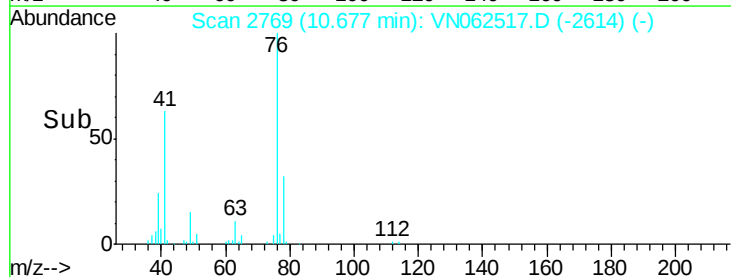
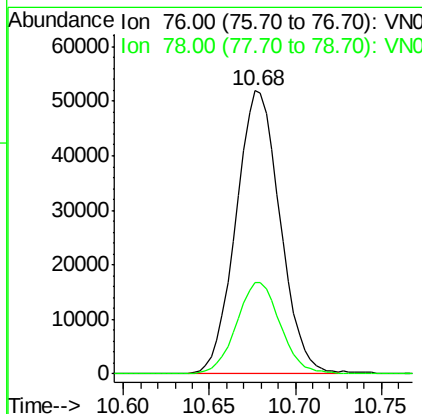
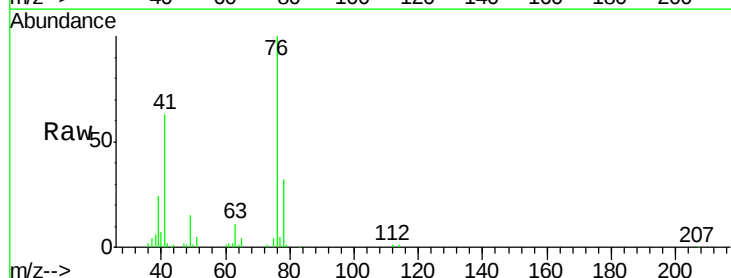
RT: 10.68 min Scan# 2769

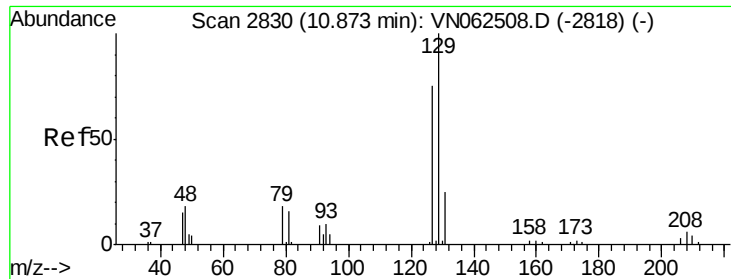
Delta R.T. -0.00 min

Lab File: VN062517.D

Acq: 13 Jul 2020 15:34

Tgt Ion:	76	Resp:	92869
Ion	Ratio	Lower	Upper
76	100		
78	32.2	0.0	63.6





#53

Dibromochloromethane

Concen: 19.407 ug/l

RT: 10.87 min Scan# 2830

Delta R.T. -0.00 min

Lab File: VN062517.D

Acq: 13 Jul 2020 15:34

Instrument :

MSVOA_N

ClientSampleId :

VN0713WBSD01

Tot Ion:129 Resp: 53538

Ion Ratio Lower Upper

129 100

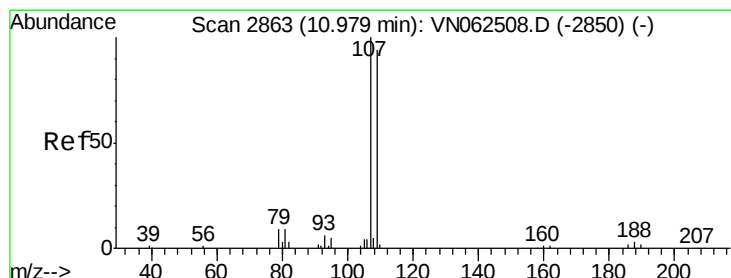
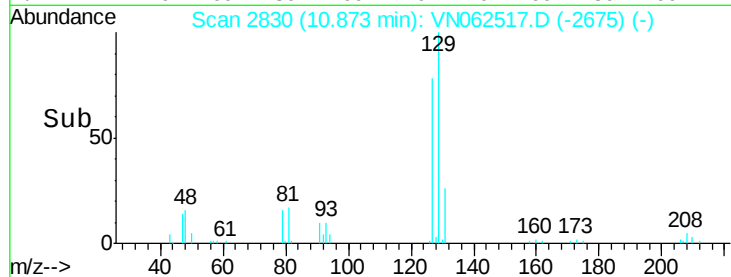
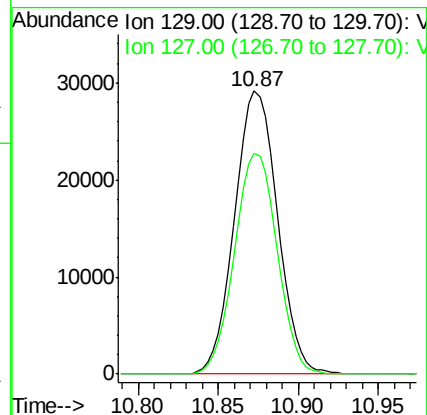
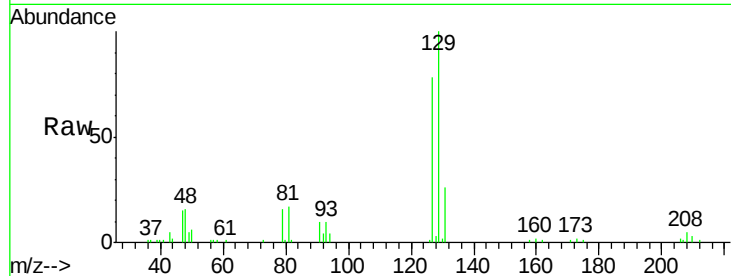
127 77.1 38.1 114.5

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#54

1,2-Dibromoethane

Concen: 19.977 ug/l

RT: 10.98 min Scan# 2862

Delta R.T. -0.00 min

Lab File: VN062517.D

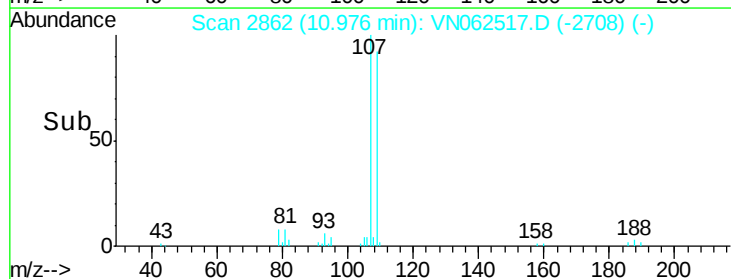
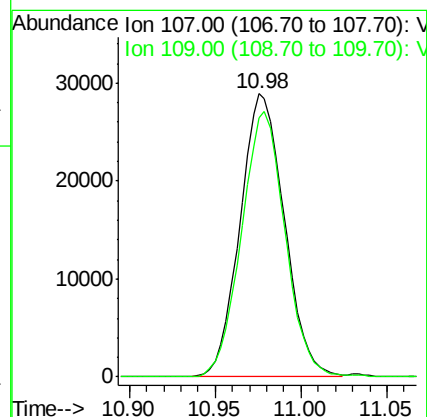
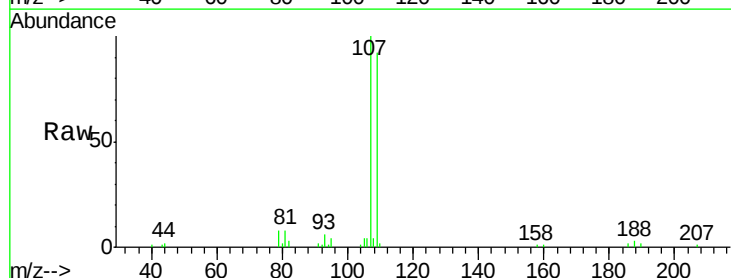
Acq: 13 Jul 2020 15:34

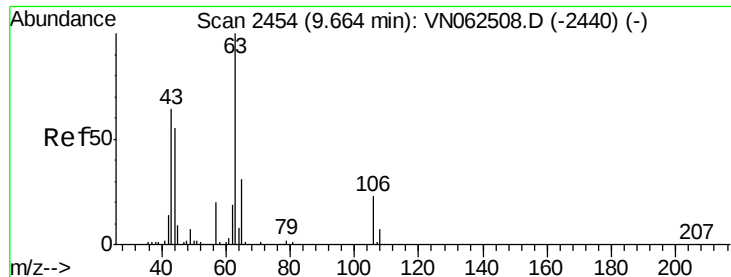
Tgt Ion:107 Resp: 51772

Ion Ratio Lower Upper

107 100

109 92.1 74.8 112.2





#55

2-Chloroethyl vinyl ether

Concen: 99.639 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. -0.00 min

Lab File: VN062517.D

Acq: 13 Jul 2020 15:34

Instrument :

MSVOA_N

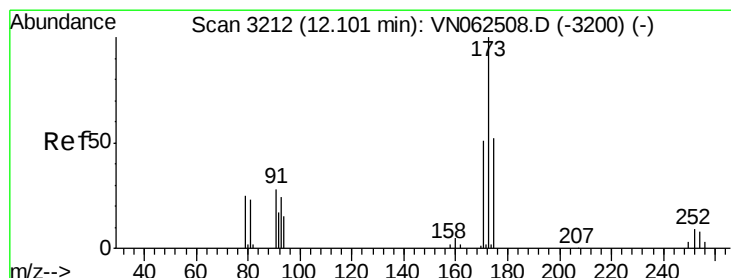
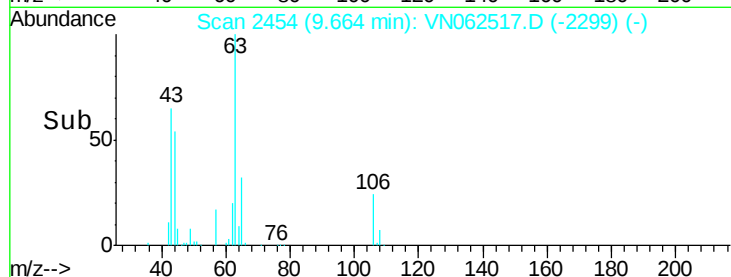
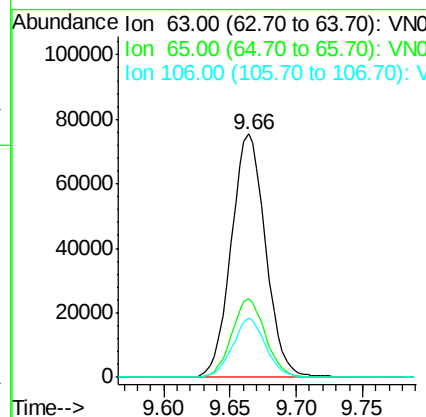
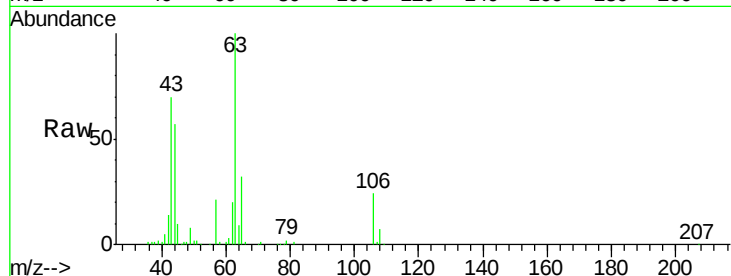
ClientSampleId :

VN0713WBSD01

Tot Ion:	63	Resp:	135666
Ion Ratio	Lower	Upper	
63	100		
65	31.6	25.4	38.2
106	23.4	18.4	27.6

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#56

Bromoform

Concen: 19.483 ug/l

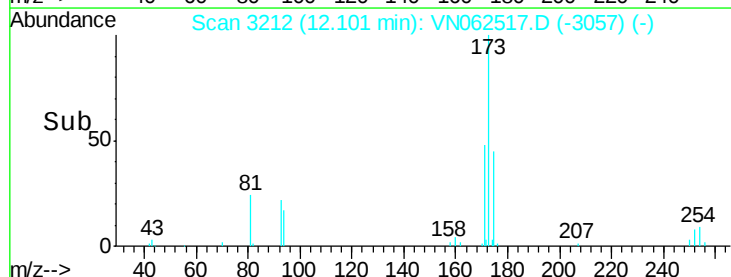
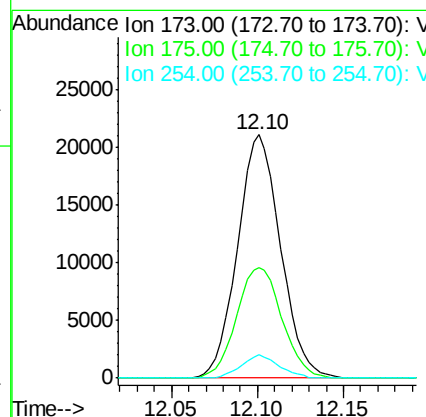
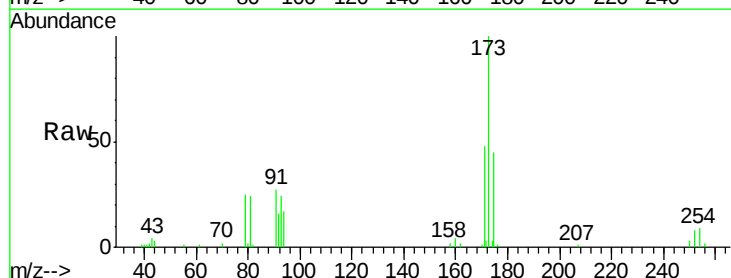
RT: 12.10 min Scan# 3212

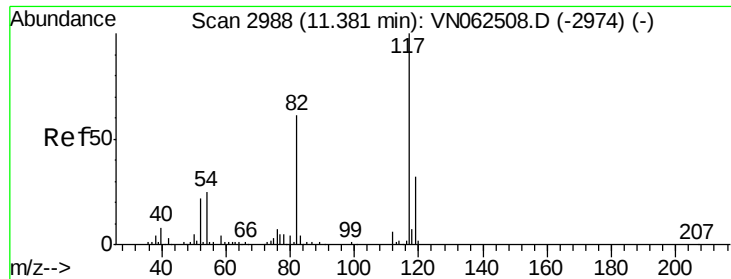
Delta R.T. -0.00 min

Lab File: VN062517.D

Acq: 13 Jul 2020 15:34

Tgt Ion:	173	Resp:	36709
Ion Ratio	Lower	Upper	
173	100		
175	47.8	38.1	57.1
254	8.3	6.2	9.2





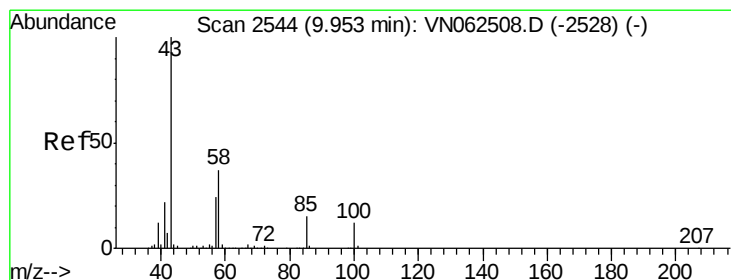
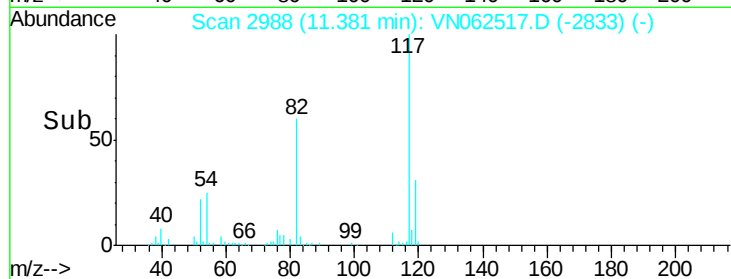
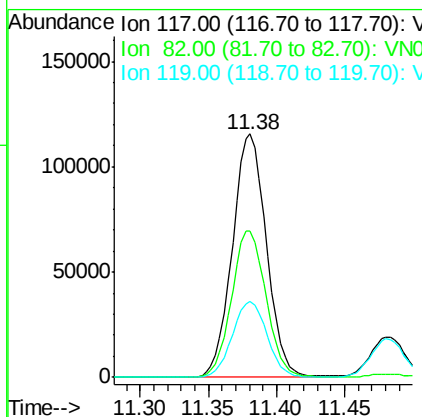
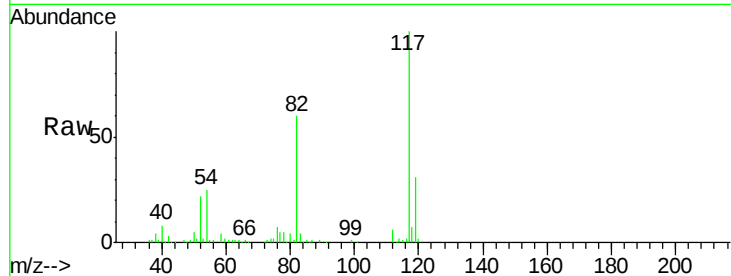
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

Instrument :
MSVOA_N
ClientSampleId :
VN0713WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.0	49.0	73.6
119	31.9	25.6	38.4

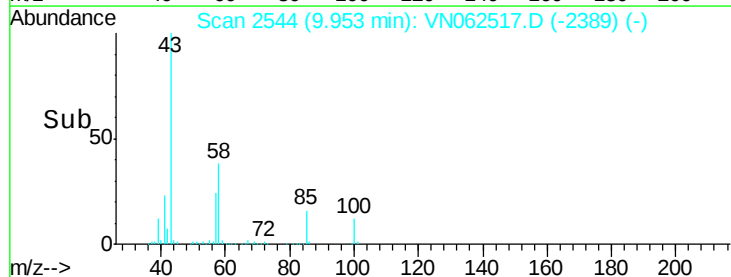
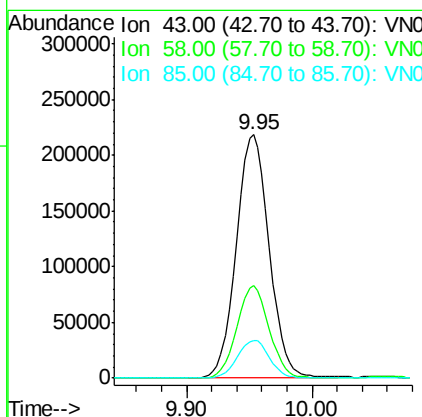
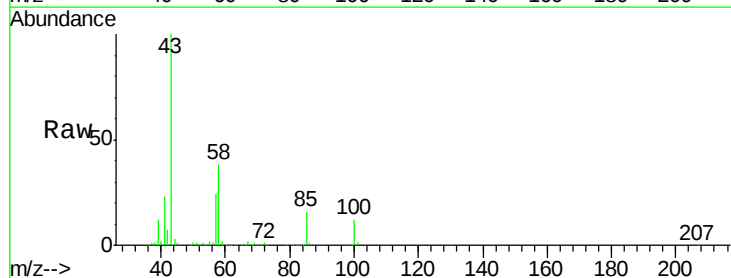
Manual Integrations
APPROVED

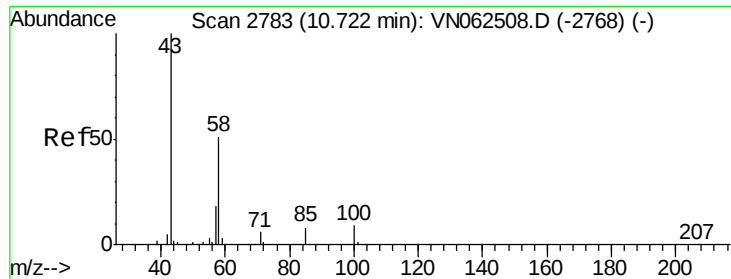
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#58
4-Methyl-2-Pentanone
Concen: 101.871 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. -0.00 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

Tgt Ion	Ratio	Lower	Upper
43	100		
58	37.4	29.6	44.4
85	15.3	12.0	18.0





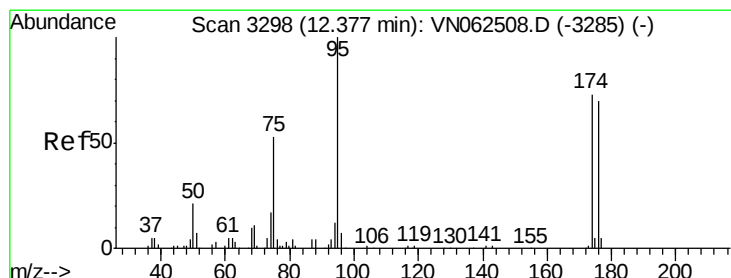
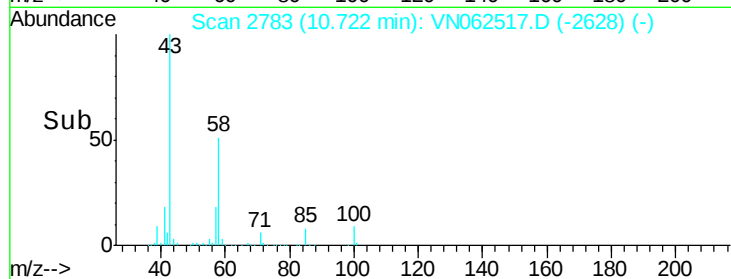
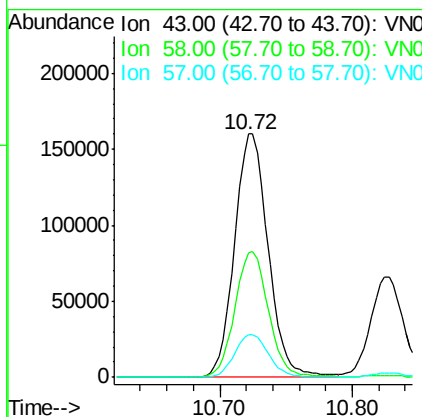
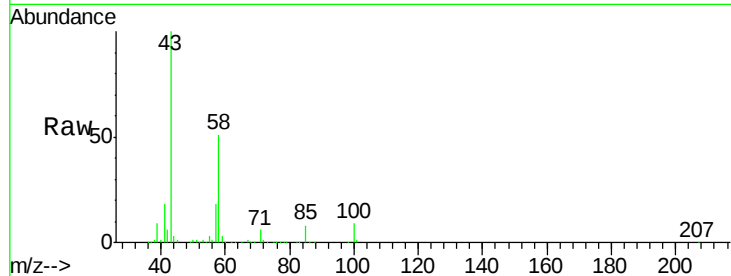
#59
2-Hexanone
Concen: 98.337 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

Instrument :
MSVOA_N
ClientSampleId :
VN0713WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	51.7	41.2	61.8
57	17.6	14.4	21.6

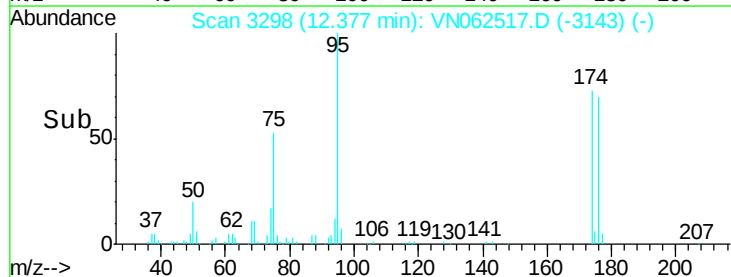
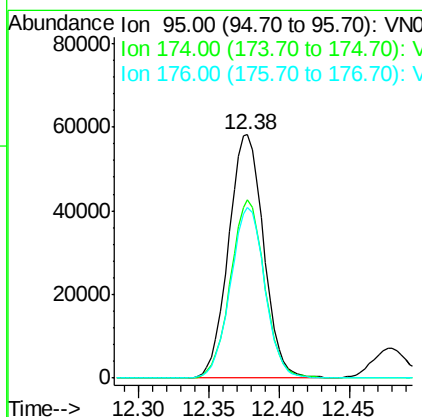
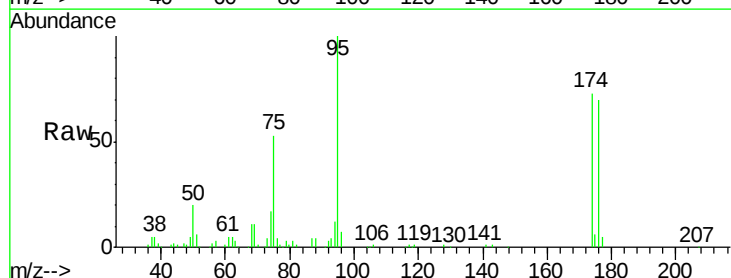
Manual Integrations
APPROVED

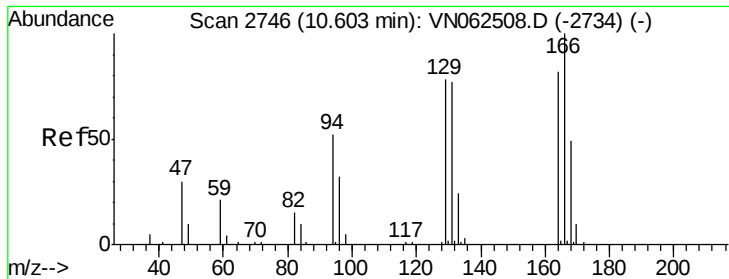
MMDadoda
7/14/2020 11:36:58 AM



#60
4-Bromofluorobenzene
Concen: 29.703 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

Tgt Ion	Ratio	Lower	Upper
95	100		
174	71.2	57.5	86.3
176	68.5	56.3	84.5





#61

Tetrachloroethene

Concen: 19.605 ug/l

RT: 10.60 min Scan# 2746

Delta R.T. -0.00 min

Lab File: VN062517.D

Acq: 13 Jul 2020 15:34

Instrument :

MSVOA_N

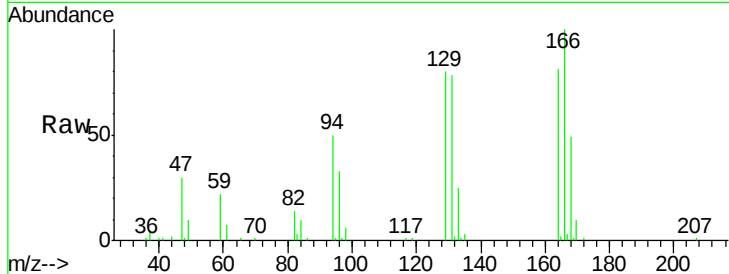
ClientSampleId :

VN0713WBSD01

Tot Ion:	164	Resp:	40245
Ion	Ratio	Lower	Upper
164	100		
166	122.7	97.7	146.5
129	98.1	77.0	115.4
131	96.1	75.0	112.6

Manual Integrations
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MMDadoda
7/14/2020 11:36:58 AM

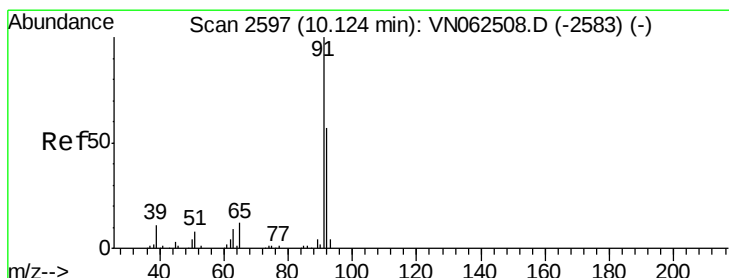
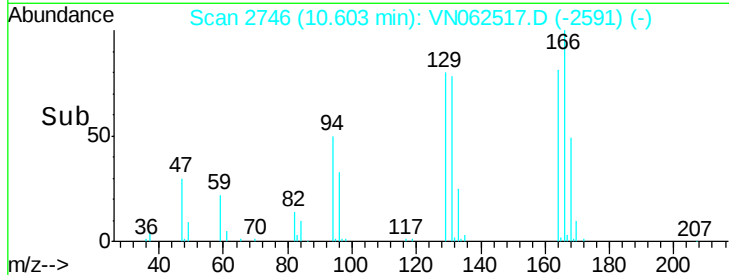
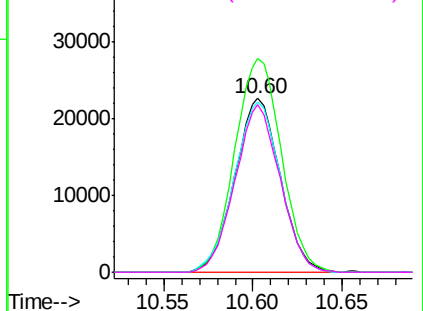


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.530 ug/l

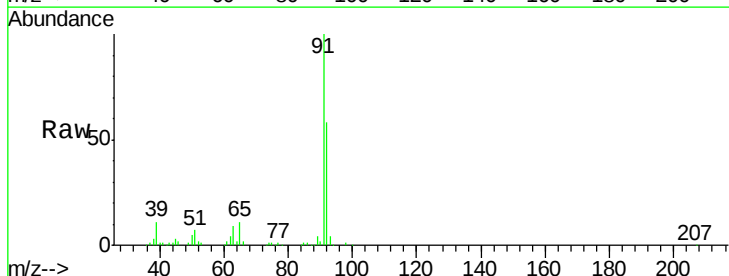
RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062517.D

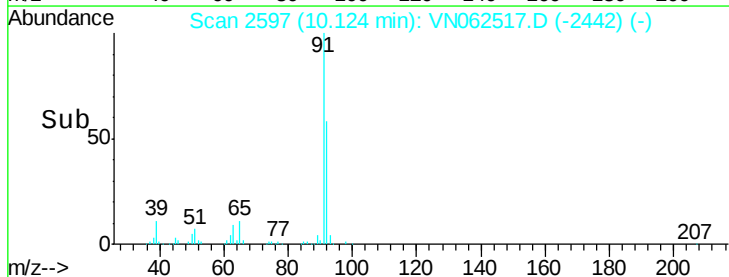
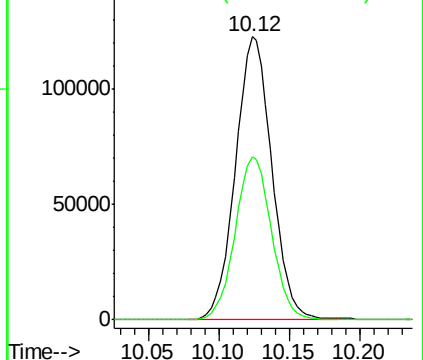
Acq: 13 Jul 2020 15:34

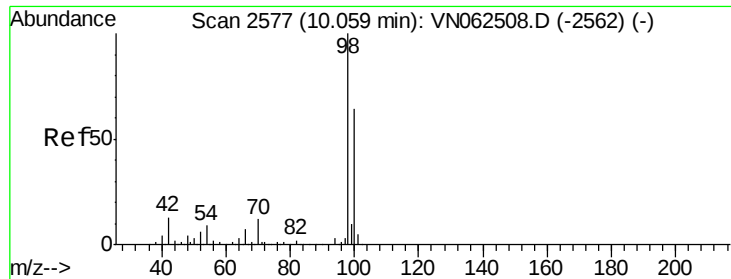
Tgt Ion:	91	Resp:	222096
Ion	Ratio	Lower	Upper
91	100		
92	57.3	45.8	68.6



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V





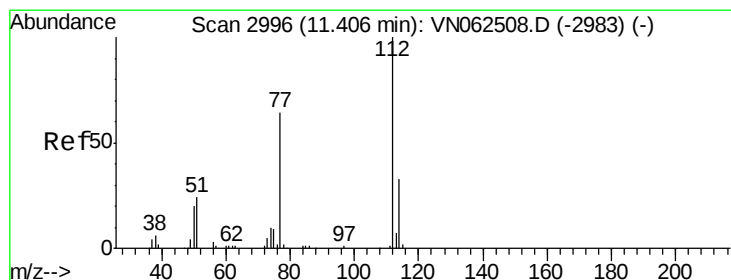
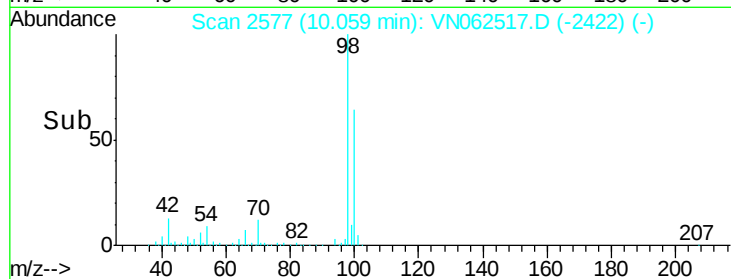
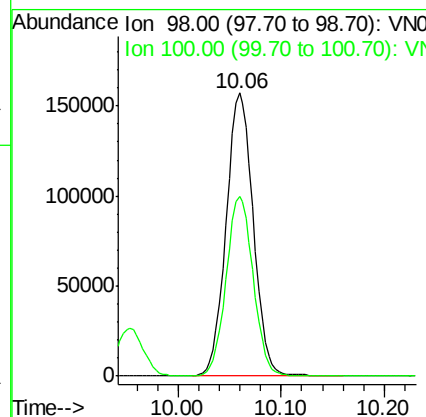
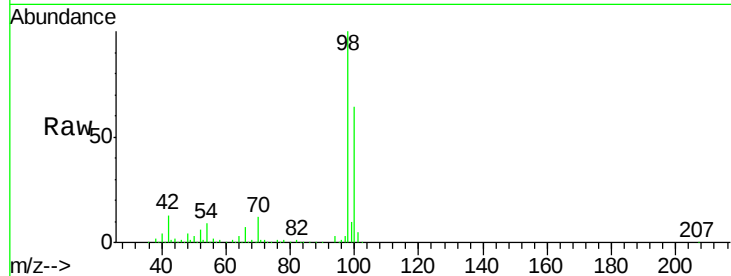
#63
Toluene-d8
Concen: 30.410 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

Instrument :
MSVOA_N
ClientSampleId :
VN0713WBSD01

Tot Ion: 98 Resp: 288041
Ion Ratio Lower Upper
98 100
100 63.3 50.4 75.6

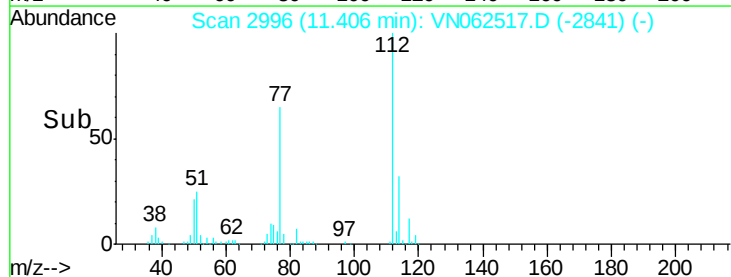
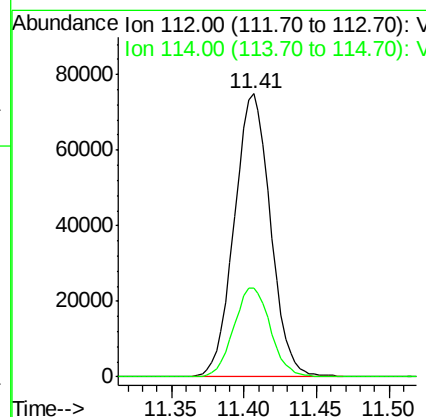
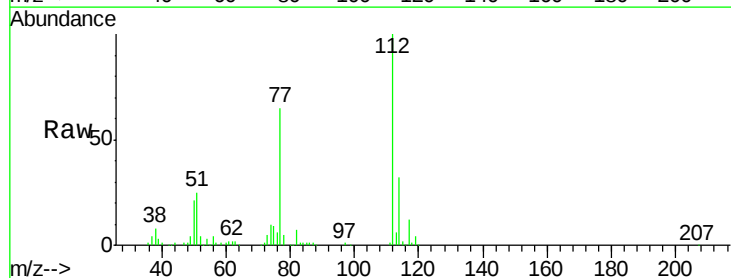
Manual Integrations
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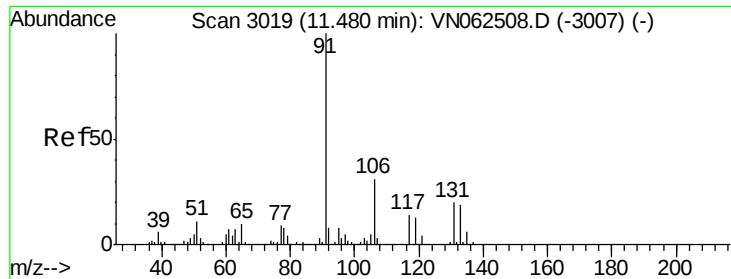
MMDadoda
7/14/2020 11:36:58 AM



#64
Chlorobenzene
Concen: 19.462 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

Tgt Ion: 112 Resp: 130051
Ion Ratio Lower Upper
112 100
114 31.5 26.0 39.0





#65

1,1,1,2-Tetrachloroethane

Concen: 19.170 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN062517.D

Acq: 13 Jul 2020 15:34

Instrument :

MSVOA_N

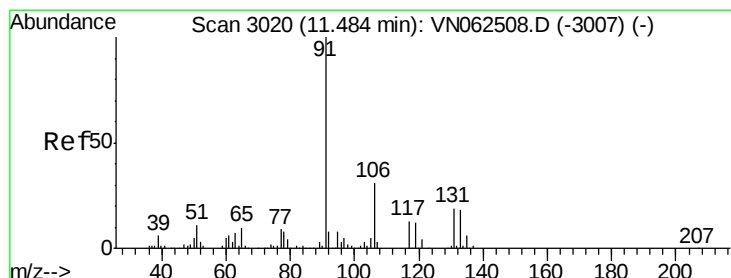
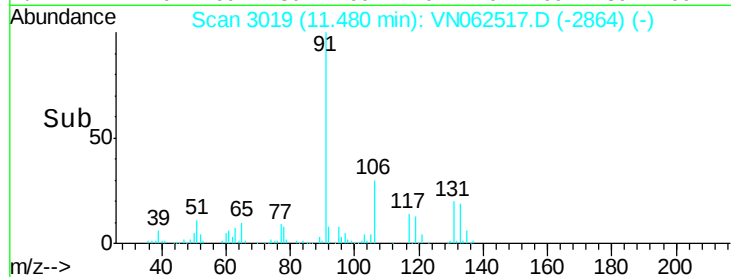
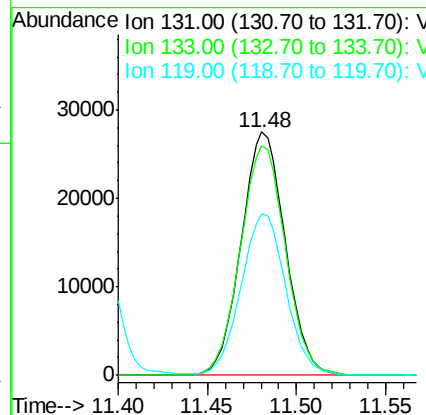
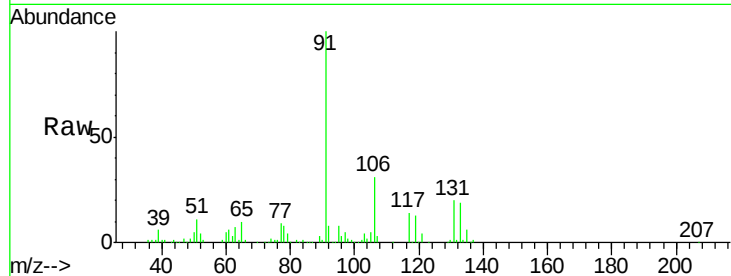
ClientSampleId :

VN0713WBSD01

Tot Ion:	131	Resp:	47416
Ion	Ratio	Lower	Upper
131	100		
133	96.6	0.0	191.4
119	67.6	0.0	136.2

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#66

Ethyl Benzene

Concen: 19.062 ug/l

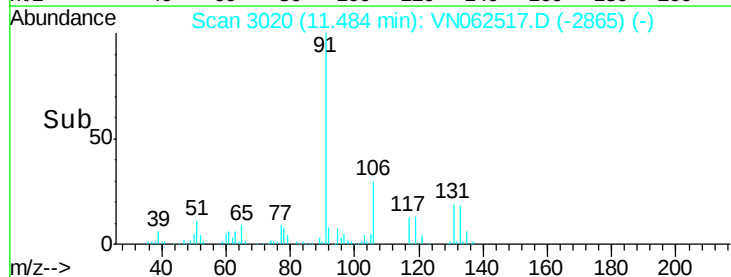
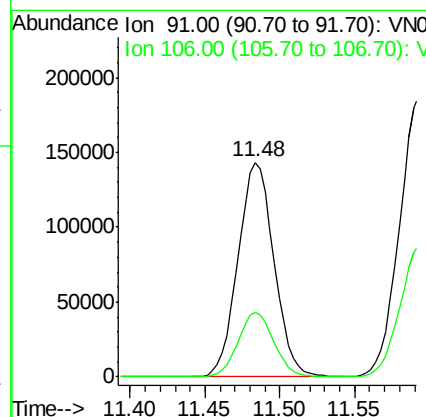
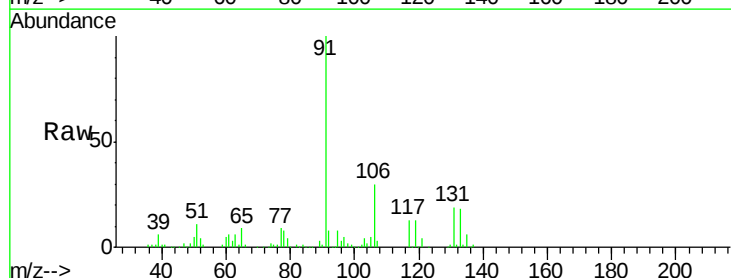
RT: 11.48 min Scan# 3020

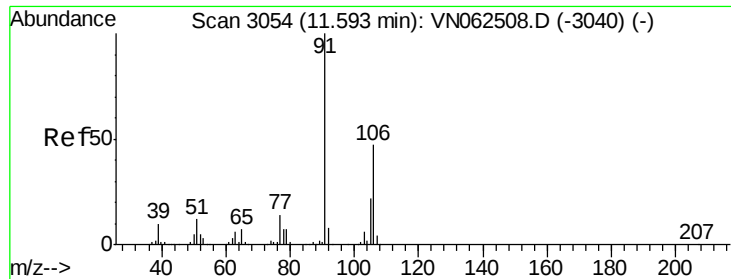
Delta R.T. -0.00 min

Lab File: VN062517.D

Acq: 13 Jul 2020 15:34

Tgt Ion:	91	Resp:	240044
Ion	Ratio	Lower	Upper
91	100		
106	30.3	24.6	36.8





#67

m/p-Xvlenes

Concen: 38.109 ug/l

RT: 11.60 min Scan# 3055

Delta R.T. 0.00 min

Lab File: VN062517.D

Acq: 13 Jul 2020 15:34

Instrument :

MSVOA_N

ClientSampleId :

VN0713WBSD01

Tot Ion:106 Resp: 174187

Ion Ratio Lower Upper

106 100

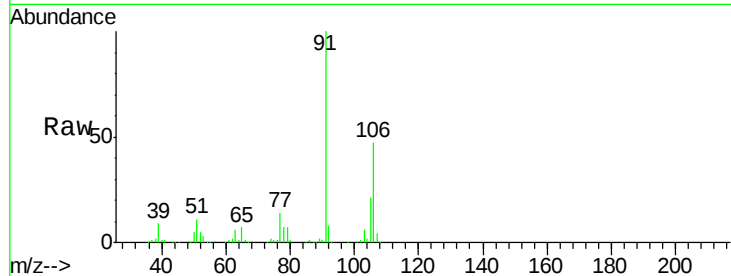
91 213.5 170.7 256.1

Manual Integrations

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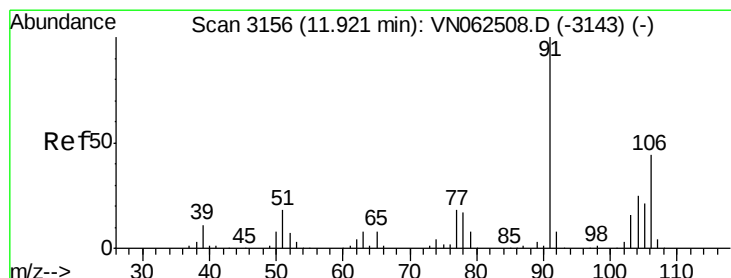
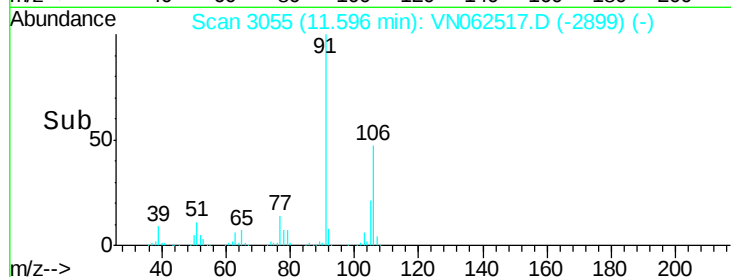
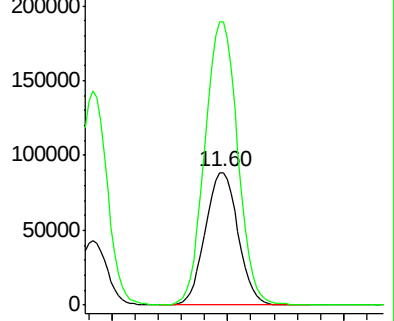
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#68

o-Xylene

Concen: 19.351 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. -0.00 min

Lab File: VN062517.D

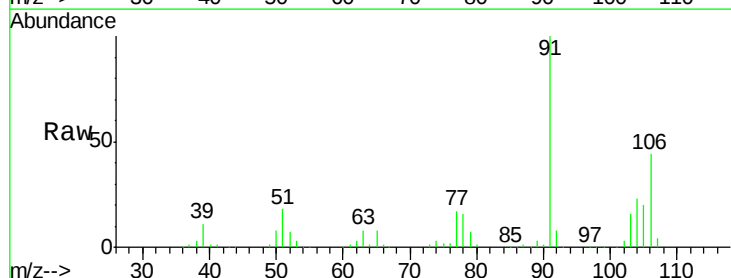
Acq: 13 Jul 2020 15:34

Tgt Ion:106 Resp: 84882

Ion Ratio Lower Upper

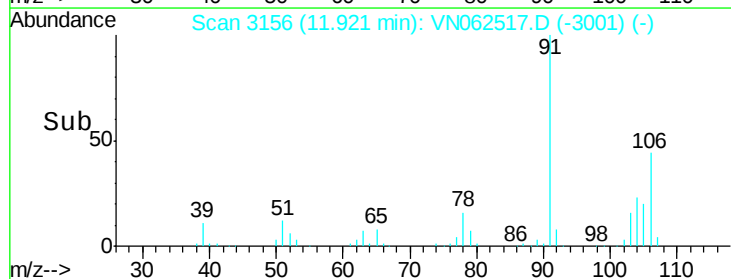
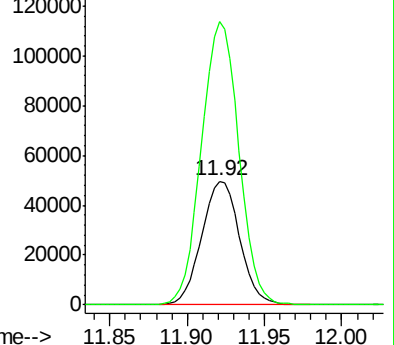
106 100

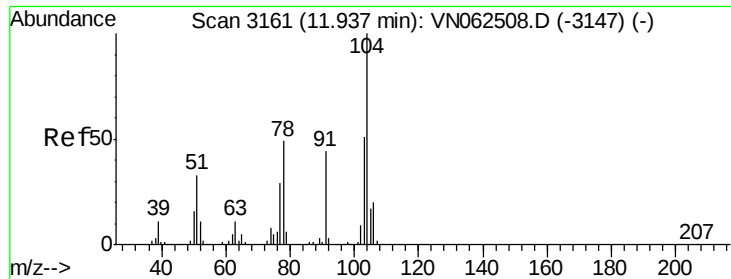
91 224.9 113.9 341.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





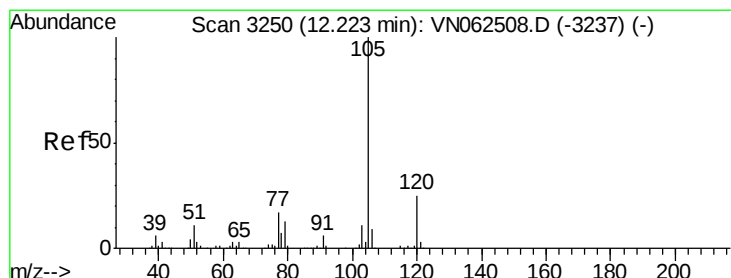
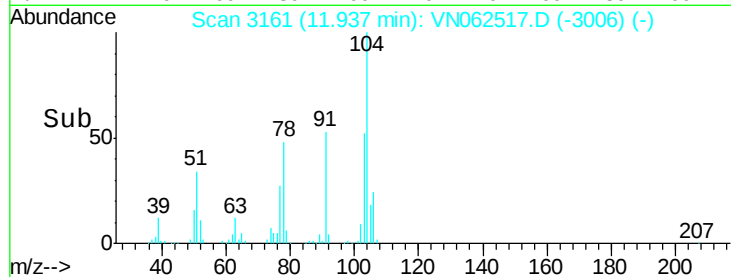
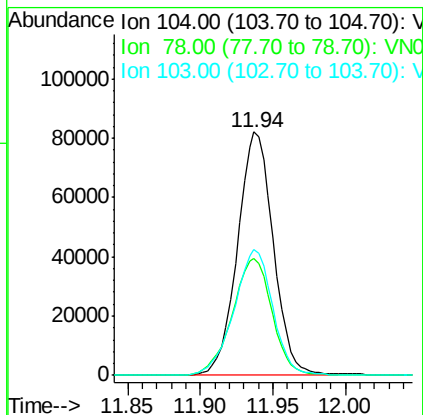
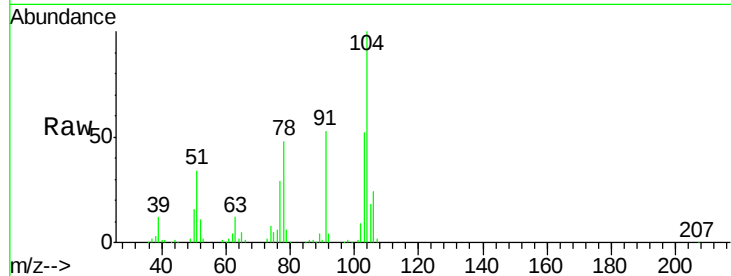
#69
Stvrene
Concen: 18.917 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

Instrument :
MSVOA_N
ClientSampleId :
VN0713WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
104	100		140835		
78	53.4		43.9	65.9	
103	55.9		43.8	65.6	

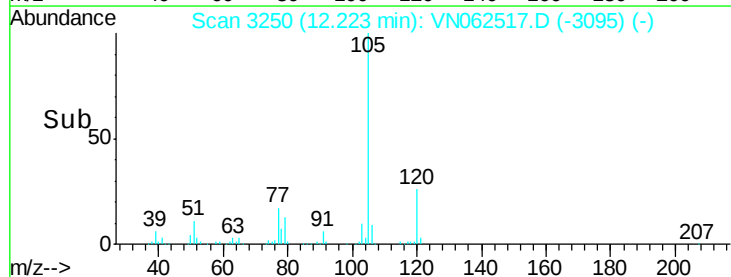
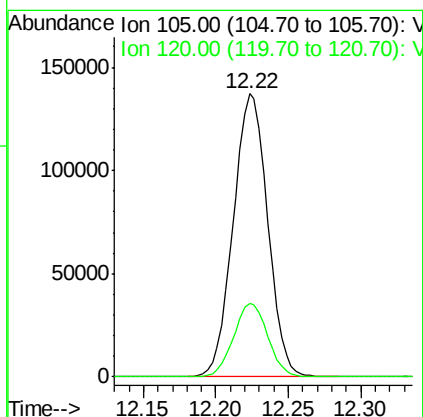
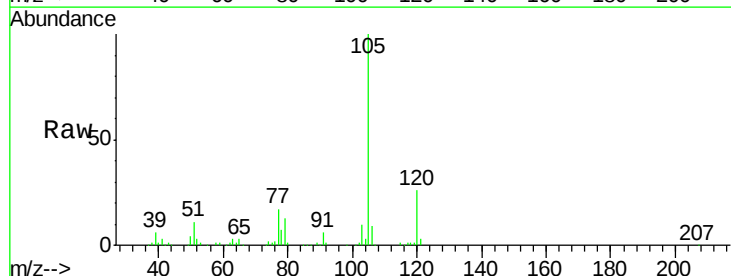
Manual Integrations
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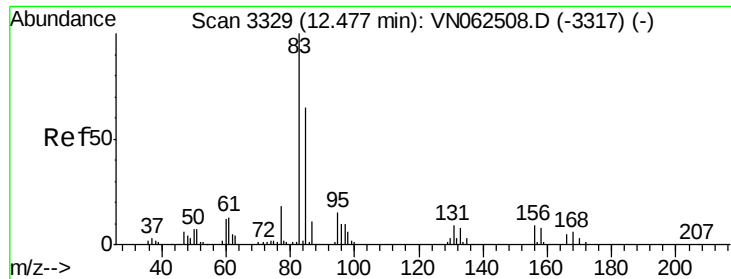
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7/14/2020 11:36:58 AM



#70
Isopropylbenzene
Concen: 19.234 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		226482		
120	25.8		17.6	32.8	





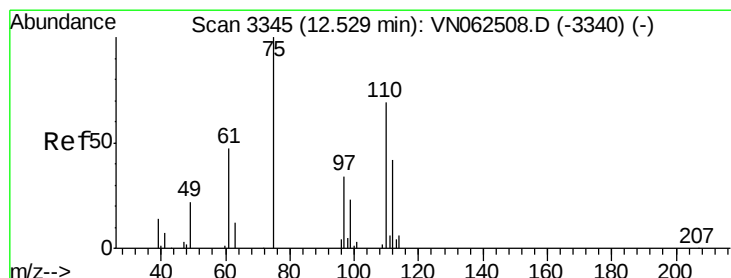
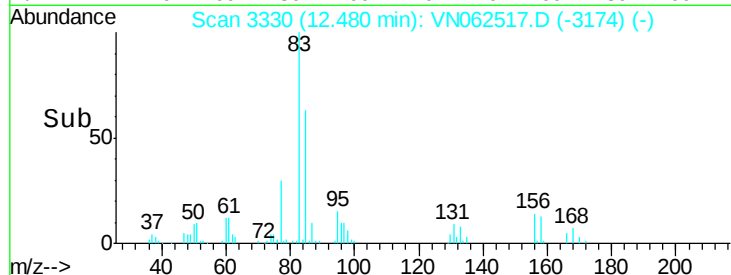
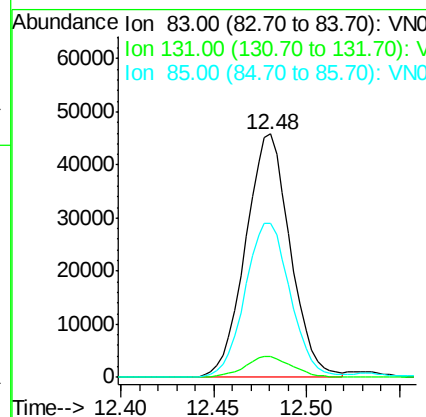
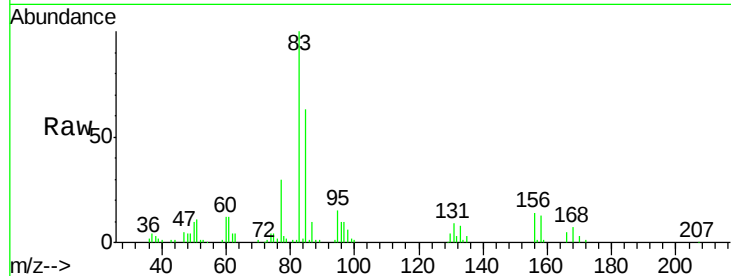
#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.245 ug/l
 RT: 12.48 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VN062517.D
 Acq: 13 Jul 2020 15:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713WBSD01

Tot Ion	83	Resp	77044
Ion Ratio	100	Lower	Upper
83	100		
131	9.0	4.5	13.7
85	64.1	32.5	97.4

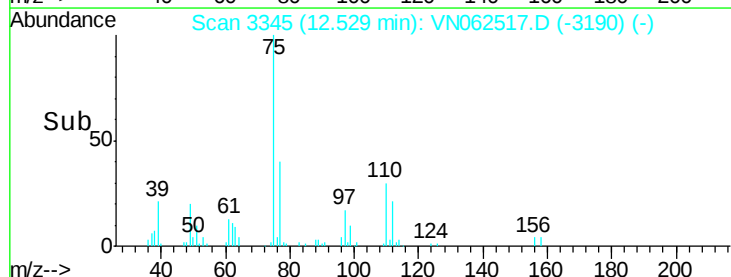
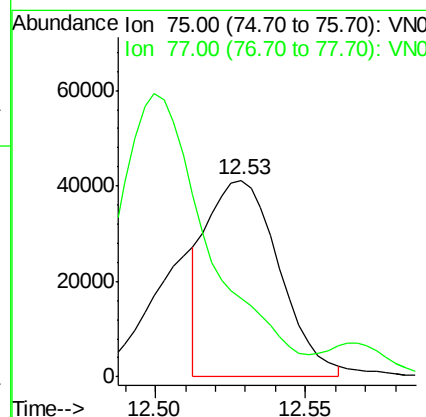
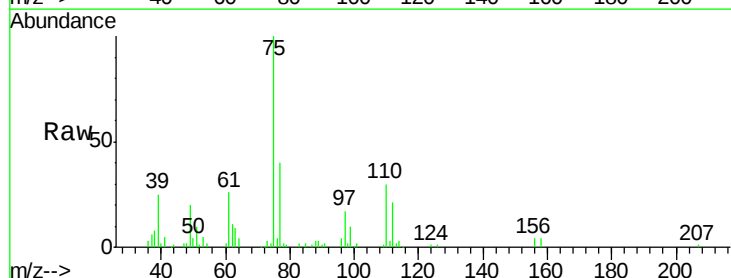
Manual Integrations
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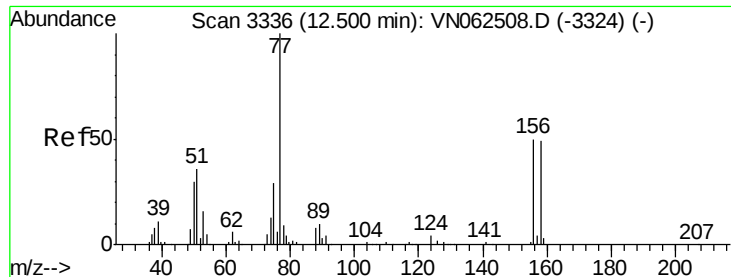
MMDadoda
 7/14/2020 11:36:58 AM



#72
 1,2,3-Trichloropropane
 Concen: 18.509 ug/l m
 RT: 12.53 min Scan# 3345
 Delta R.T. -0.00 min
 Lab File: VN062517.D
 Acq: 13 Jul 2020 15:34

Tgt Ion	75	Resp	68516
Ion Ratio	100	Lower	Upper
75	100		
77	185.0	0.0	376.2





#73

Bromobenzene

Concen: 19.066 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062517.D

Acq: 13 Jul 2020 15:34

Instrument :

MSVOA_N

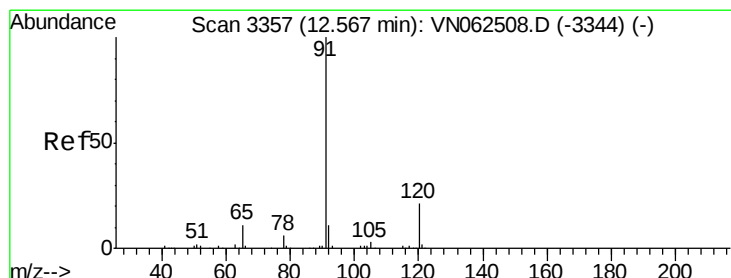
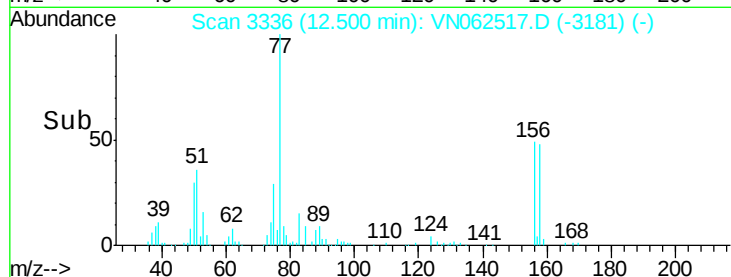
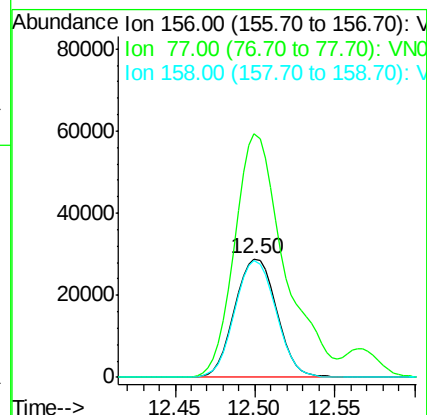
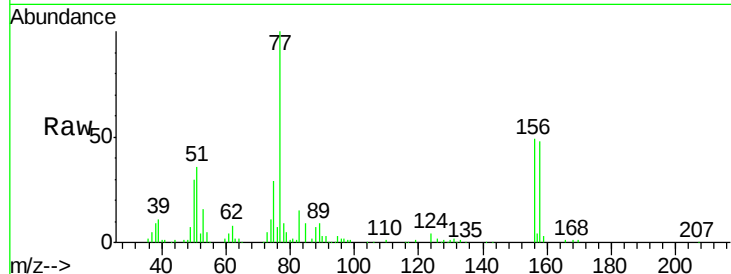
ClientSampleId :

VN0713WBSD01

Tot Ion:	156	Resp:	51995
Ion Ratio	Lower	Upper	
156	100		
77	243.8	0.0	485.0
158	96.7	0.0	192.6

Manual Integrations
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7/14/2020 11:36:58 AM



#74

n-propylbenzene

Concen: 18.671 ug/l

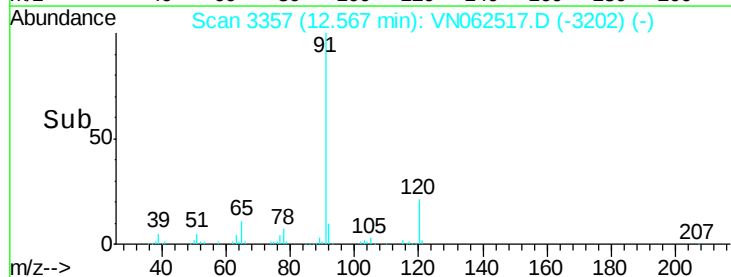
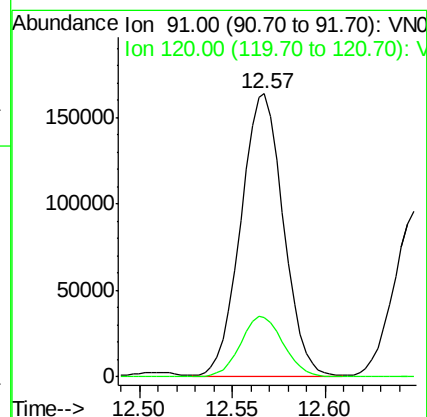
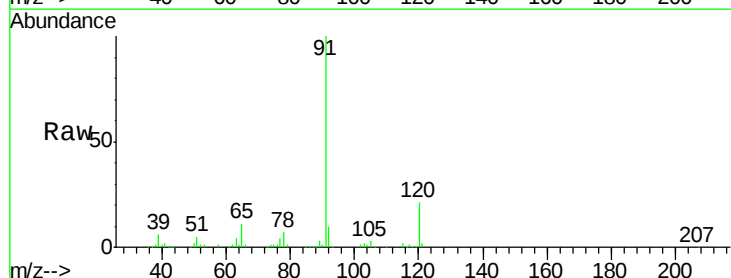
RT: 12.57 min Scan# 3357

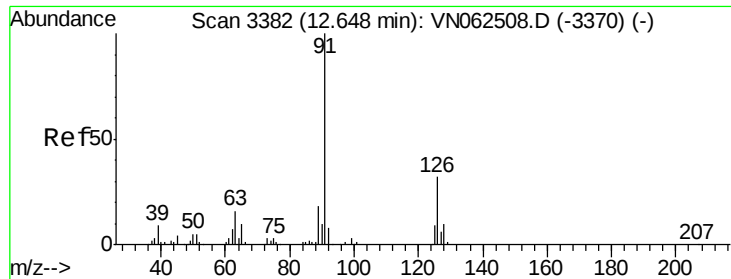
Delta R.T. -0.00 min

Lab File: VN062517.D

Acq: 13 Jul 2020 15:34

Tgt Ion:	91	Resp:	261335
Ion Ratio	Lower	Upper	
91	100		
120	21.6	0.0	42.8





#75

2-Chlorotoluene

Concen: 18.957 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062517.D

Acq: 13 Jul 2020 15:34

Instrument :

MSVOA_N

ClientSampleId :

VN0713WBSD01

Tot Ion: 91 Resp: 159754

Ion Ratio Lower Upper

91 100

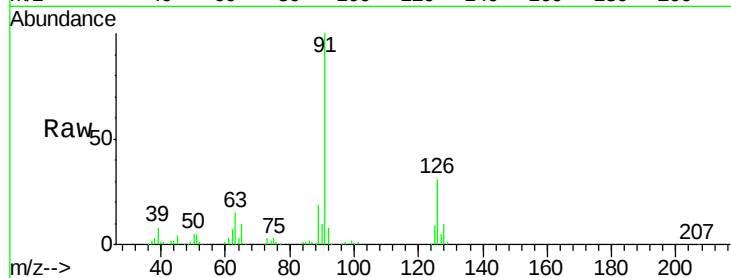
126 31.8 0.0 62.2

Manual Integrations

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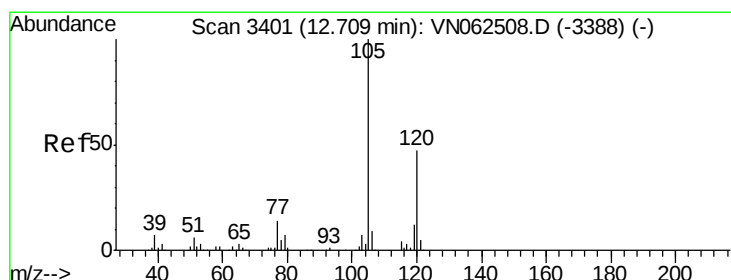
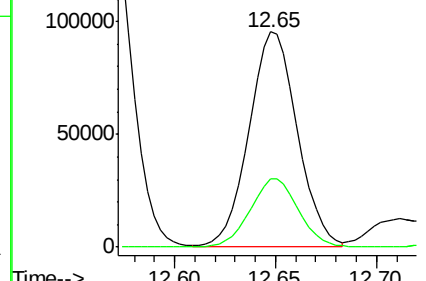
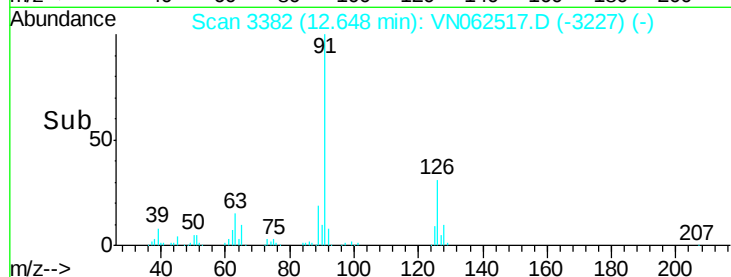
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VN062517.D (-3227) (-)

Ion 126.00 (125.70 to 126.70): VN062517.D (-3227) (-)



#76

1,3,5-Trimethylbenzene

Concen: 19.020 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062517.D

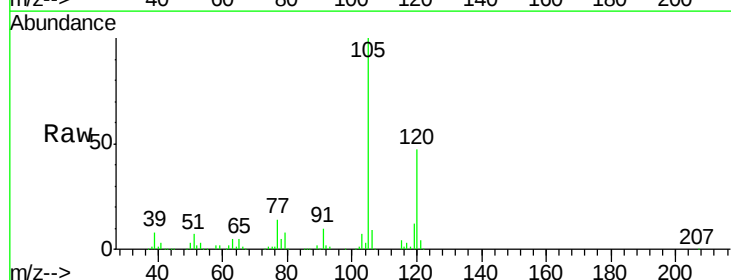
Acq: 13 Jul 2020 15:34

Tgt Ion: 105 Resp: 190828

Ion Ratio Lower Upper

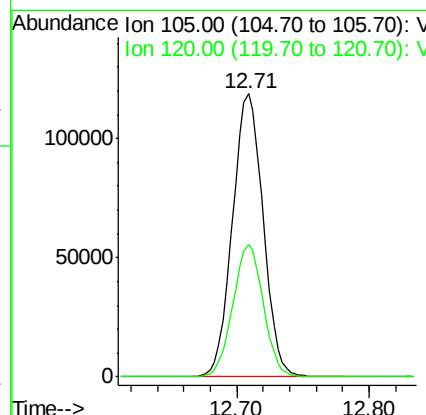
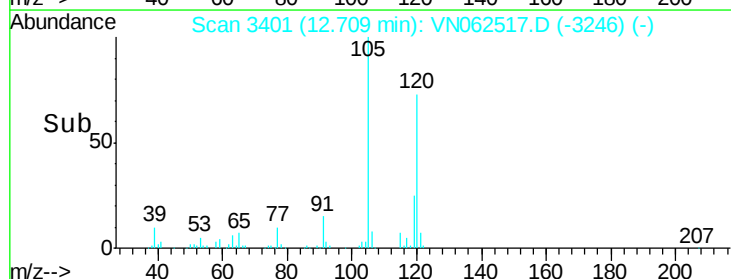
105 100

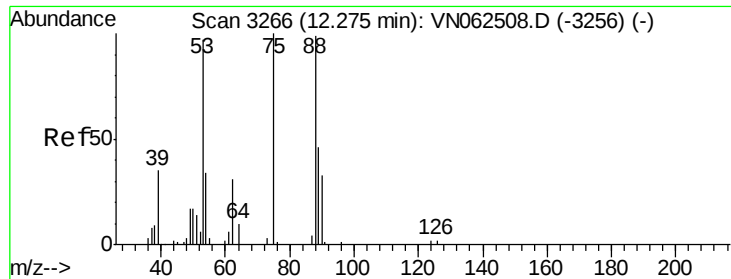
120 46.5 0.0 95.0



Abundance Ion 105.00 (104.70 to 105.70): VN062517.D (-3246) (-)

Ion 120.00 (119.70 to 120.70): VN062517.D (-3246) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 17.950 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062517.D

Acq: 13 Jul 2020 15:34

Instrument :

MSVOA_N

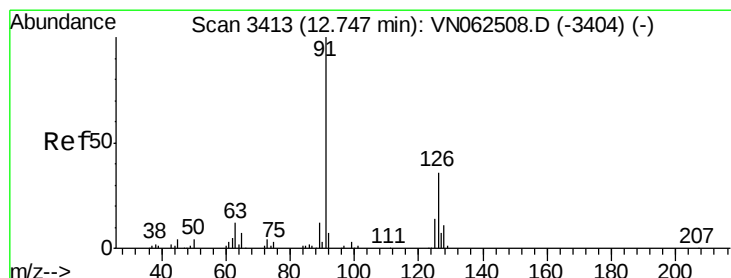
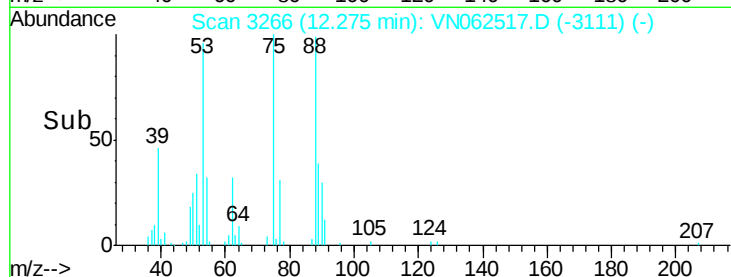
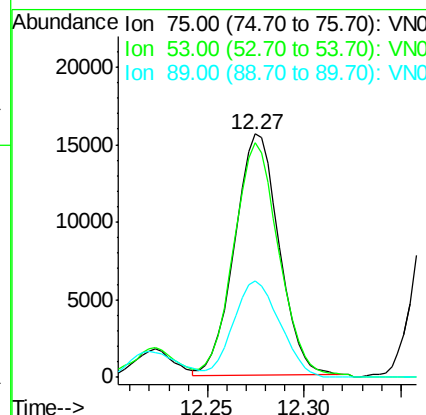
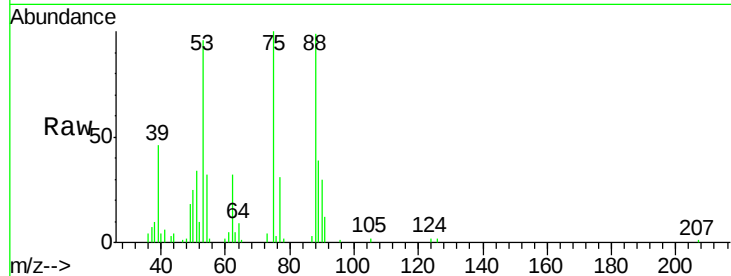
ClientSampleId :

VN0713WBSD01

Tot Ion:	75	Resp:	24852
Ion	Ratio	Lower	Upper
75	100		
53	96.4	48.3	144.8
89	40.0	23.3	69.8

Manual Integrations
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#78

4-Chlorotoluene

Concen: 18.572 ug/l

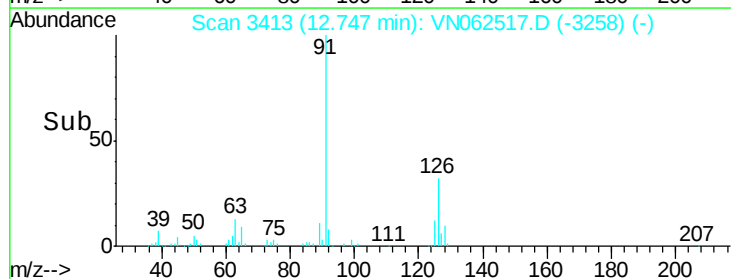
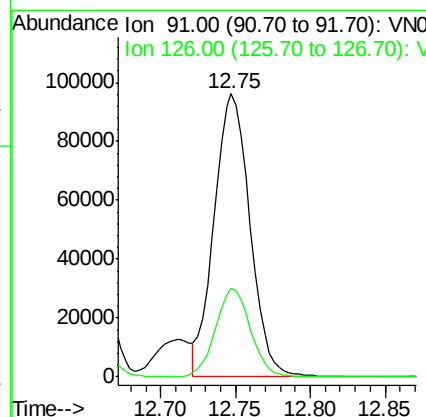
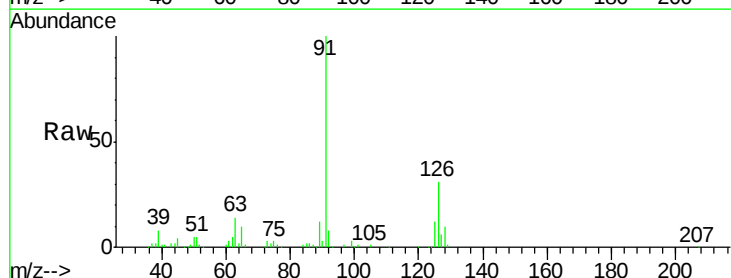
RT: 12.75 min Scan# 3413

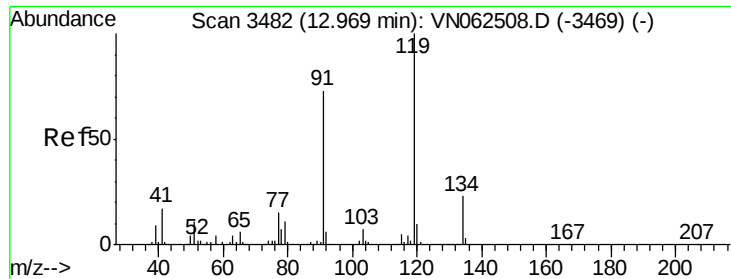
Delta R.T. -0.00 min

Lab File: VN062517.D

Acq: 13 Jul 2020 15:34

Tgt Ion:	91	Resp:	159704
Ion	Ratio	Lower	Upper
91	100		
126	30.8	0.0	62.2





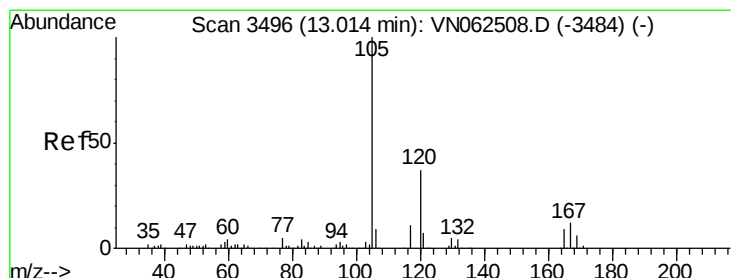
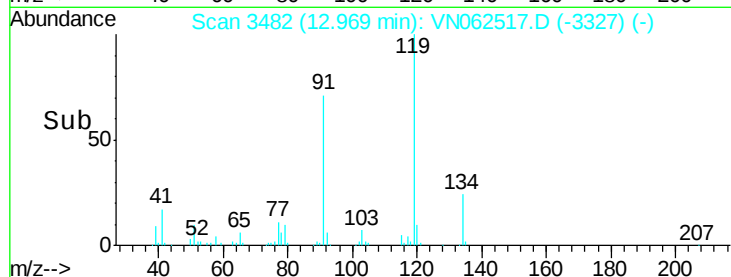
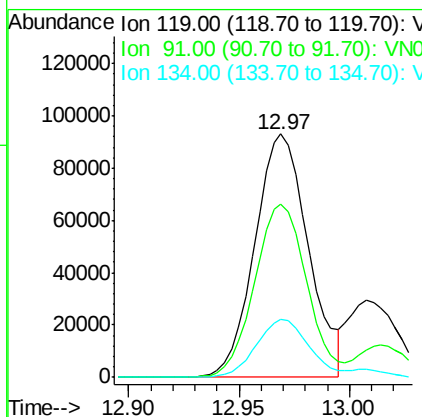
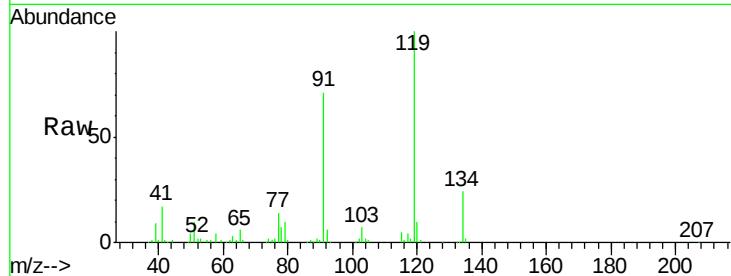
#79
tert-butylbenzene
Concen: 18.848 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

Instrument :
MSVOA_N
ClientSampleId :
VN0713WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	156586		
91	69.7	0.0	139.8	
134	23.5	0.0	45.0	

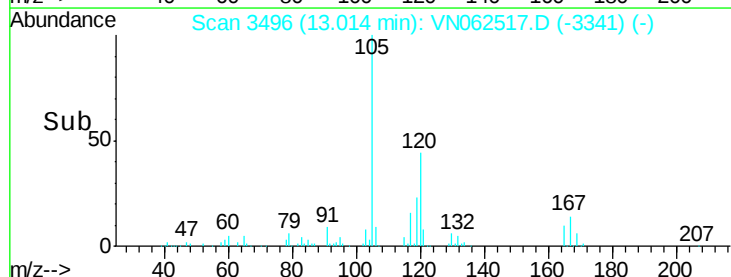
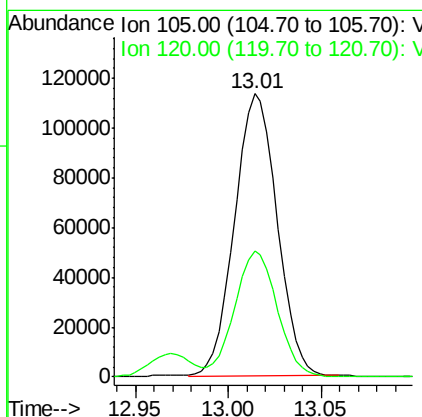
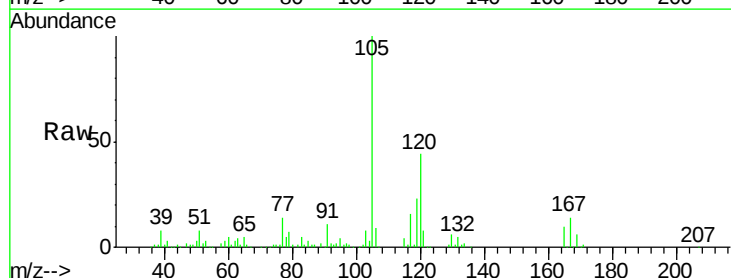
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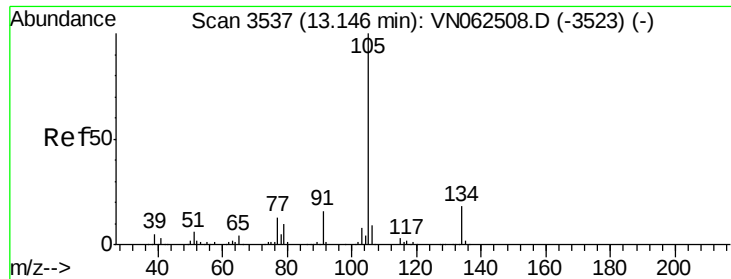
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#80
1,2,4-Trimethylbenzene
Concen: 18.344 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	181014		
120	44.9	0.0	86.6	





#81

sec-Butylbenzene

Concen: 18.690 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062517.D

Acq: 13 Jul 2020 15:34

Instrument :

MSVOA_N

ClientSampleId :

VN0713WBSD01

Tot Ion:105 Resp: 208527

Ion Ratio Lower Upper

105 100

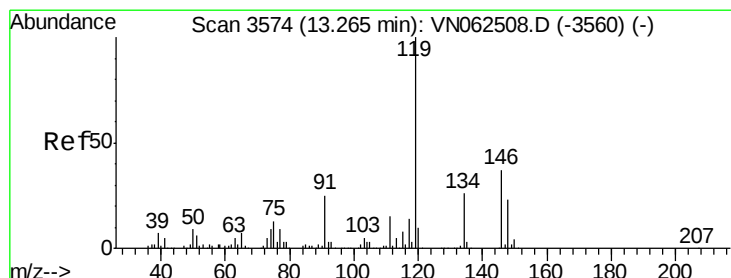
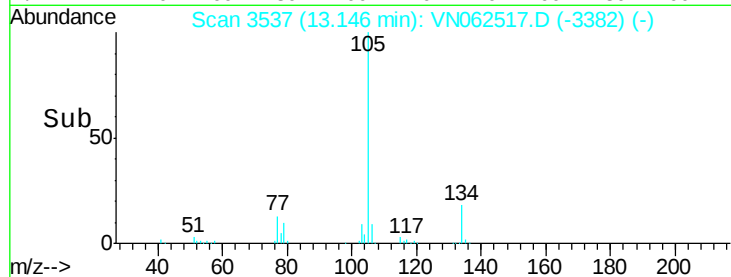
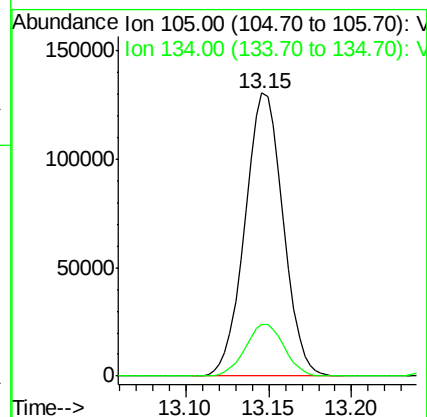
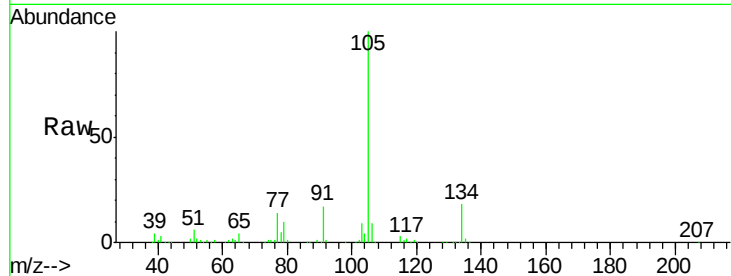
134 18.7 0.0 37.2

Manual Integrations

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#82

p-Isopropyltoluene

Concen: 18.305 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062517.D

Acq: 13 Jul 2020 15:34

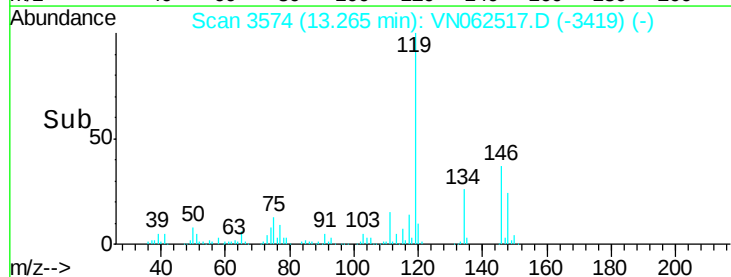
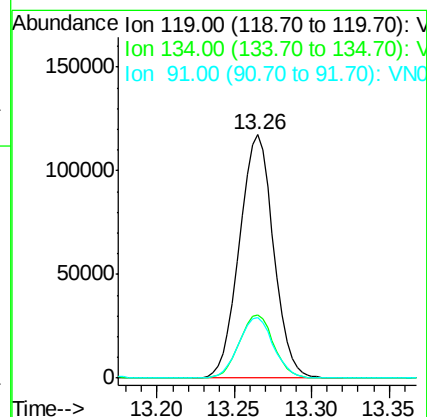
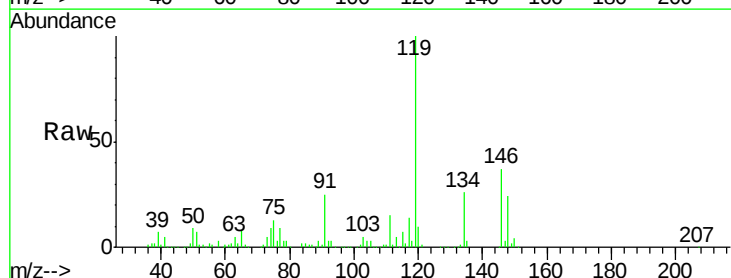
Tgt Ion:119 Resp: 180230

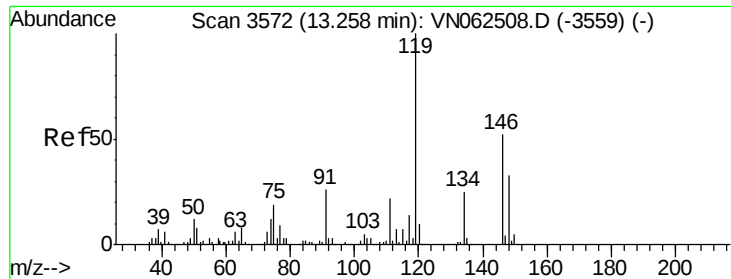
Ion Ratio Lower Upper

119 100

134 26.1 0.0 50.8

91 25.1 0.0 51.2





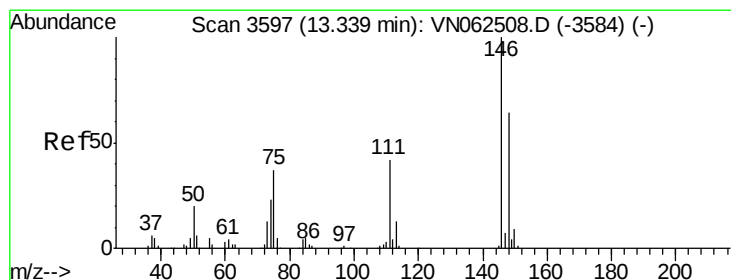
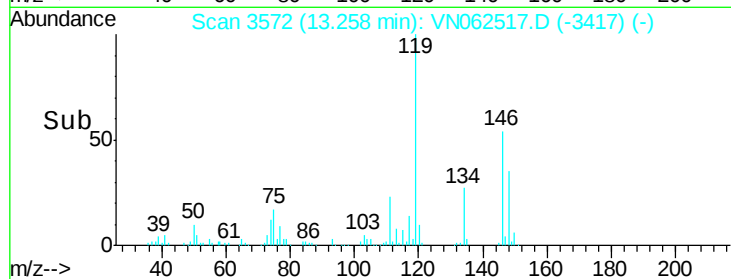
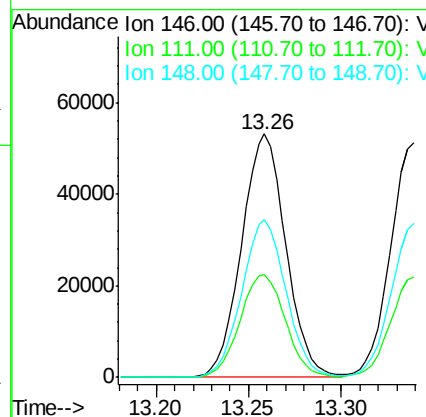
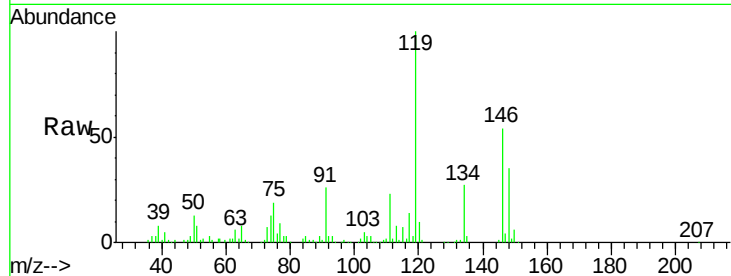
#83
 1,3-Dichlorobenzene
 Concen: 18.670 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062517.D
 Acq: 13 Jul 2020 15:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.0	63.0
148	64.7	31.7	95.1

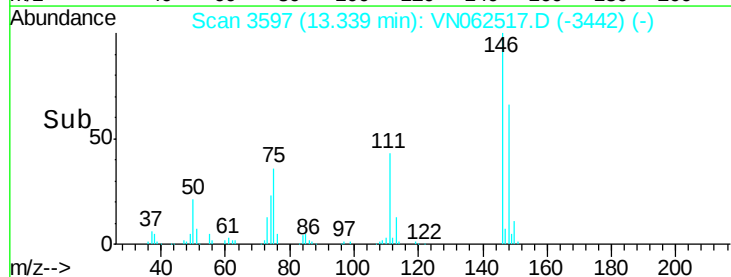
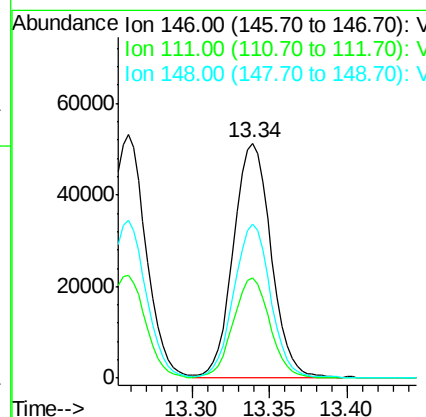
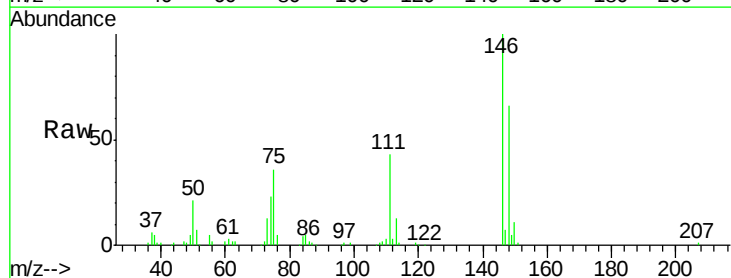
Manual Integrations
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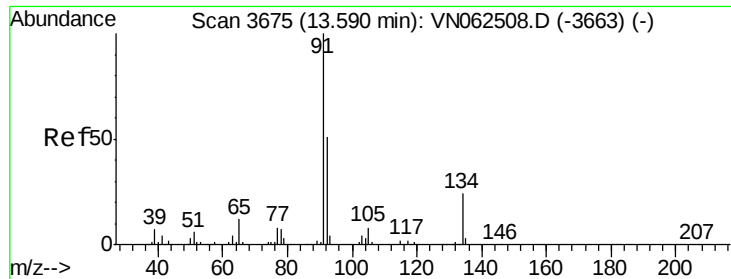
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#84
 1,4-Dichlorobenzene
 Concen: 18.444 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062517.D
 Acq: 13 Jul 2020 15:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.4	64.2
148	64.5	32.4	97.2





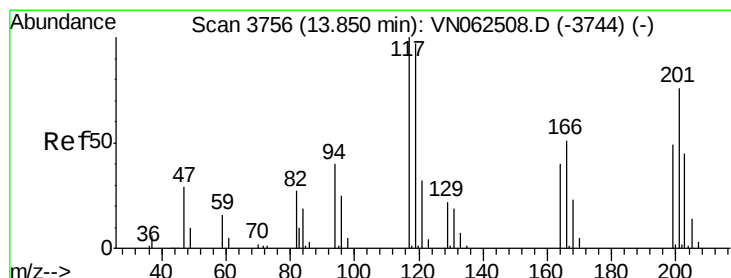
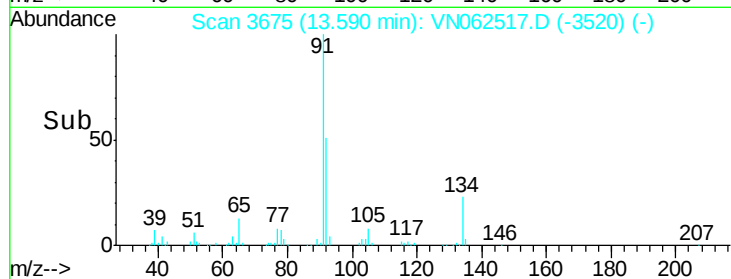
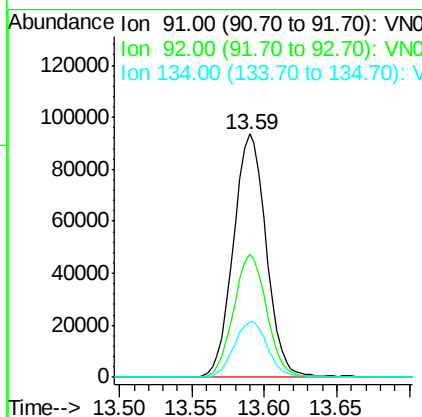
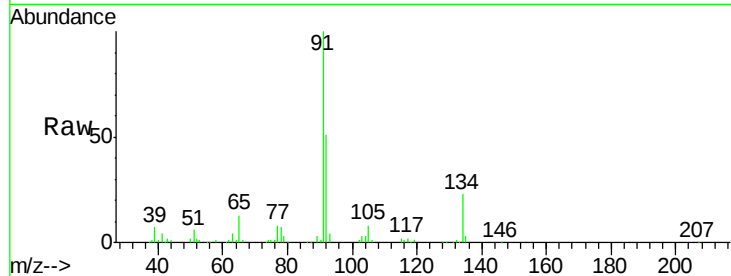
#85
n-Butylbenzene
Concen: 17.494 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

Instrument :
MSVOA_N
ClientSampleId :
VN0713WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	147752		
92	51.1	0.0	102.4	
134	23.4	0.0	46.6	

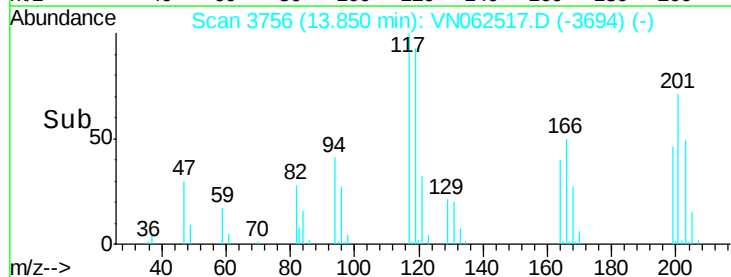
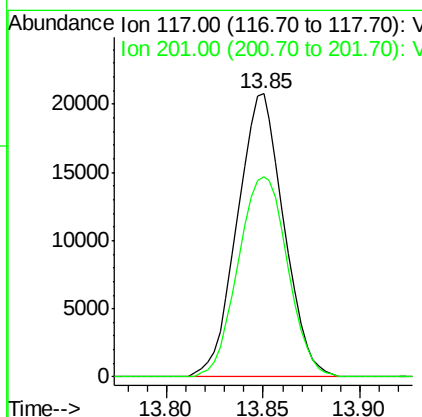
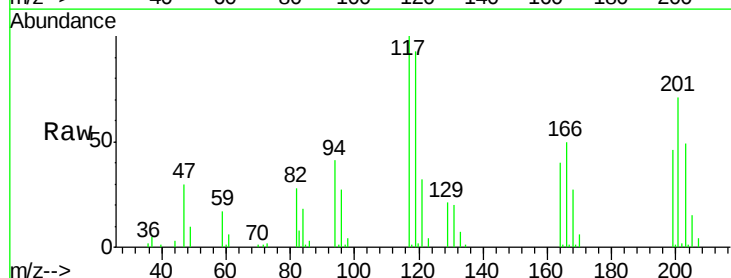
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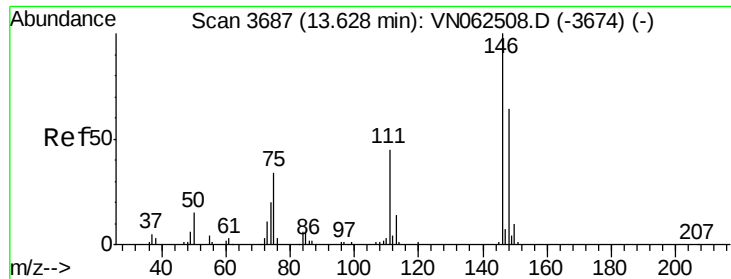
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#86
Hexachloroethane
Concen: 18.307 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	34781		
201	75.1	37.4	112.2	





#87

1,2-Dichlorobenzene

Concen: 19.487 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN062517.D

Acq: 13 Jul 2020 15:34

Instrument :

MSVOA_N

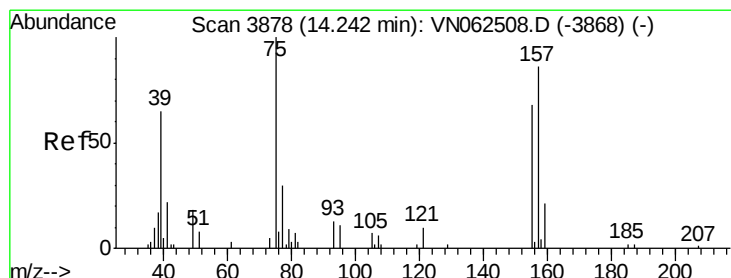
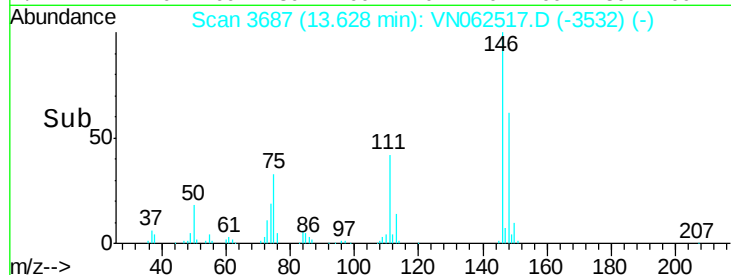
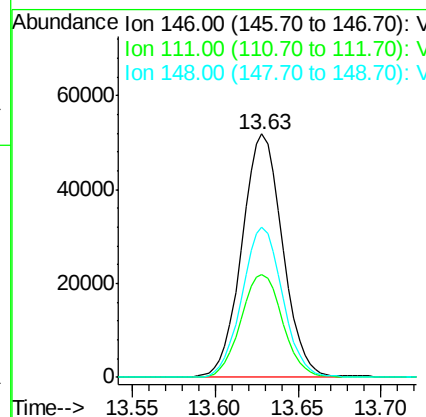
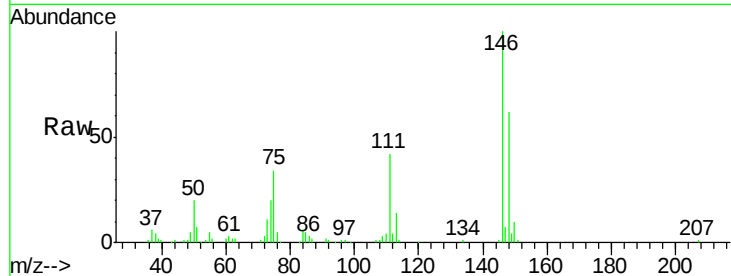
ClientSampleId :

VN0713WBSD01

Tot Ion:	146	Resp:	88747
Ion Ratio	Lower	Upper	
146	100		
111	43.3	22.4	67.0
148	61.1	32.1	96.3

Manual Integrations
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#88

1,2-Dibromo-3-Chloropropane

Concen: 19.609 ug/l

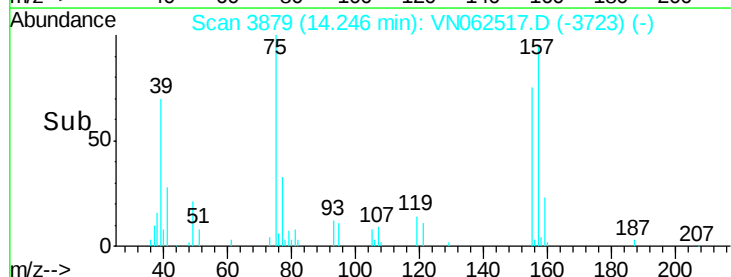
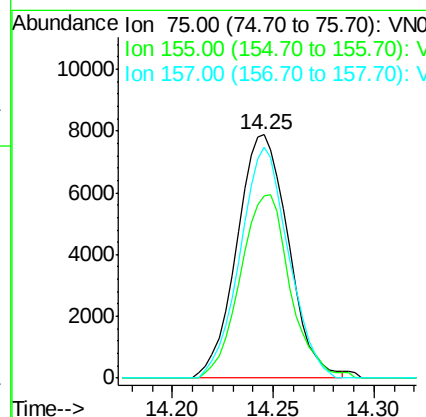
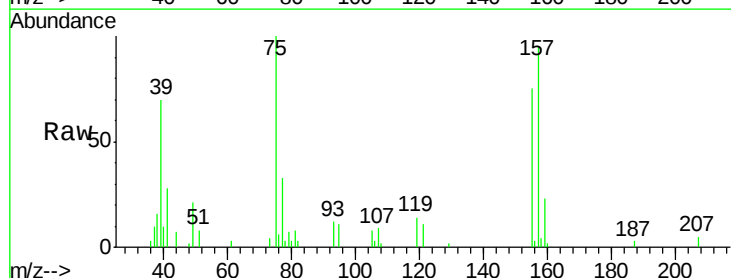
RT: 14.25 min Scan# 3879

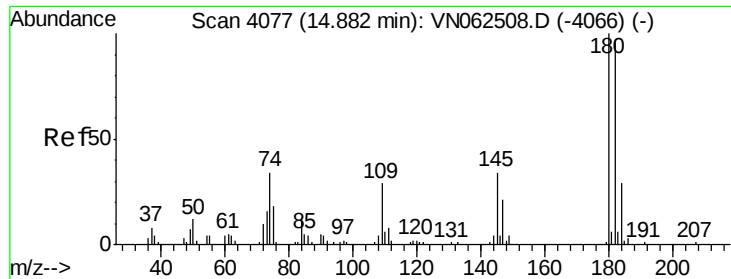
Delta R.T. 0.00 min

Lab File: VN062517.D

Acq: 13 Jul 2020 15:34

Tgt Ion:	75	Resp:	14093
Ion Ratio	Lower	Upper	
75	100		
155	72.3	55.7	83.5
157	88.9	71.0	106.6





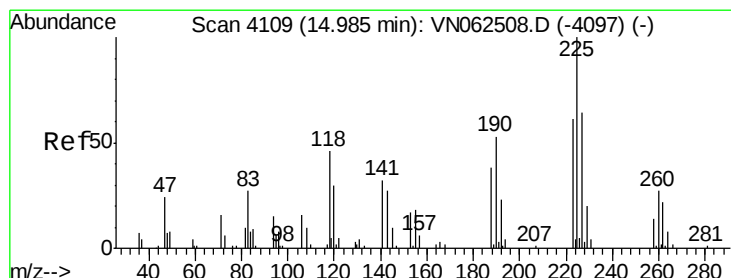
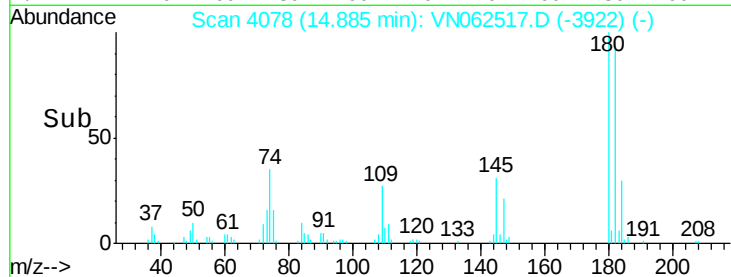
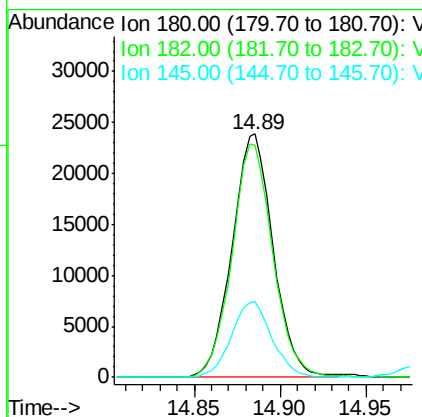
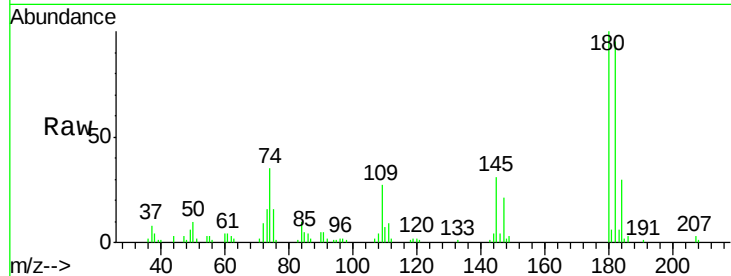
#89
1,2,4-Trichlorobenzene
Concen: 17.503 ug/l
RT: 14.89 min Scan# 4078
Delta R.T. 0.00 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

Instrument :
MSVOA_N
ClientSampleId :
VN0713WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	77.5	116.3
145	30.6	26.1	39.1

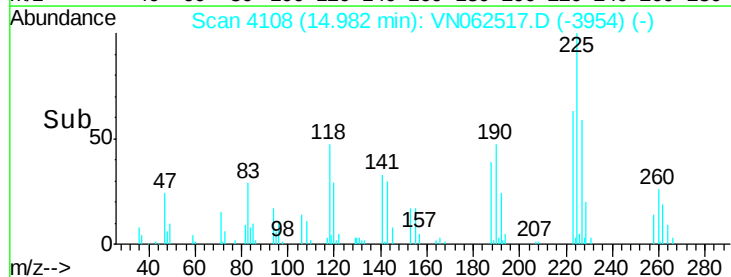
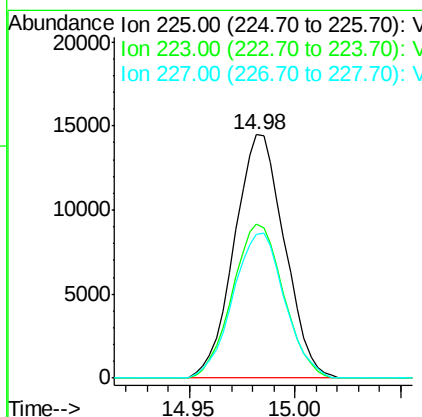
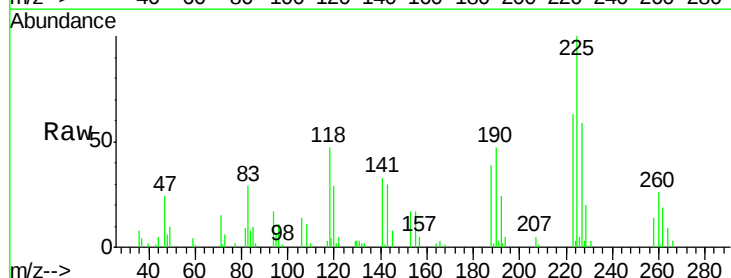
Manual Integrations
APPROVED

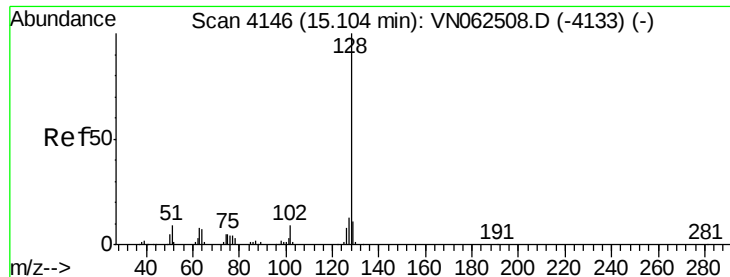
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#90
Hexachlorobutadiene
Concen: 19.043 ug/l
RT: 14.98 min Scan# 4108
Delta R.T. -0.00 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.3	0.0	120.4
227	61.5	0.0	129.6





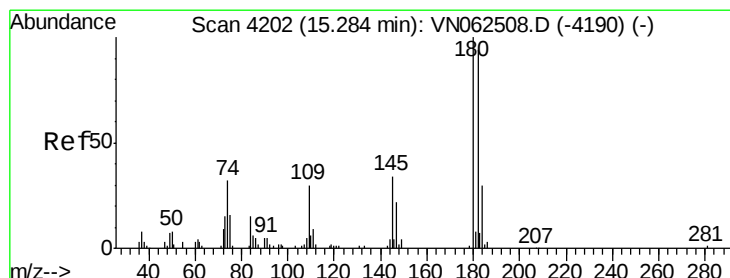
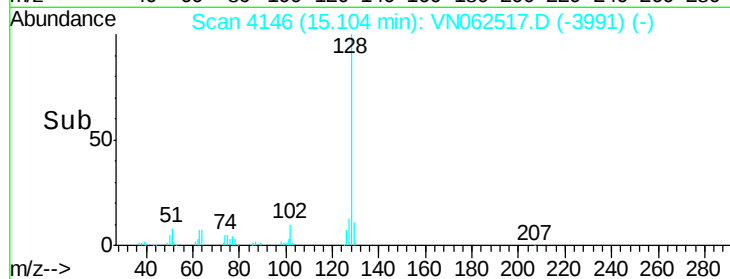
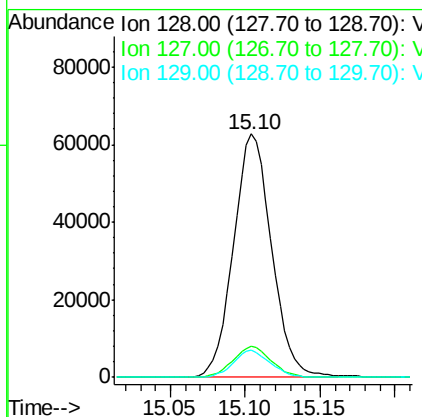
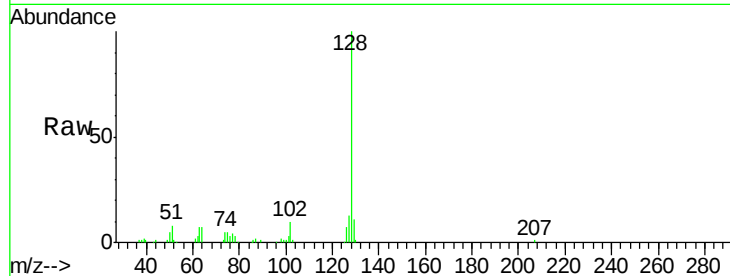
#91
Naphthalene
Concen: 18.117 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

Instrument :
MSVOA_N
ClientSampleId :
VN0713WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.0	15.0
129	10.8	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
7/14/2020 11:36:58 AM



#92
1,2,3-Trichlorobenzene
Concen: 17.752 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062517.D
Acq: 13 Jul 2020 15:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	0.0	187.2
145	34.0	0.0	67.8

