

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070120\
 Data File : VN062313.D
 Acq On : 2 Jul 2020 1:32
 Operator : JC/MD
 Sample : VN0701WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBSD02

Manual Integrations
 APPROVED

MMDadoda
 7/2/2020 12:31:16 PM

Quant Time: Jul 02 08:07:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	194924	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	369744	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	344446	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	149500	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	157611	57.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.24%	
35) Dibromofluoromethane	7.55	113	121153	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
50) Toluene-d8	10.06	98	475448	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
62) 4-Bromofluorobenzene	12.38	95	153134	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	39014	17.707	ug/l	97
3) Chloromethane	2.03	50	56923	21.174	ug/l	98
4) Vinyl Chloride	2.16	62	64512	18.593	ug/l	98
5) Bromomethane	2.53	94	44454	19.824	ug/l	95
6) Chloroethane	2.67	64	44837	18.917	ug/l	98
7) Trichlorofluoromethane	2.98	101	78235	18.299	ug/l	97
8) Diethyl Ether	3.37	74	31730	21.254	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	45443	20.297	ug/l	94
10) Methyl Iodide	3.91	142	48345	19.173	ug/l	99
11) Tert butyl alcohol	4.73	59	46036	117.215	ug/l #	93
12) 1,1-Dichloroethene	3.70	96	44234	19.763	ug/l	93
13) Acrolein	3.57	56	35318	91.849	ug/l	94
14) Allyl chloride	4.27	41	66871	21.945	ug/l	99
15) Acrylonitrile	4.93	53	126245	117.958	ug/l	99
16) Acetone	3.77	43	100198	114.502	ug/l	98
17) Carbon Disulfide	4.01	76	124181	19.401	ug/l	99
18) Methyl Acetate	4.28	43	57295	26.349	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	156066	21.821	ug/l	98
20) Methylene Chloride	4.50	84	58240	23.076	ug/l	100
21) trans-1,2-Dichloroethene	4.99	96	48694	19.098	ug/l	92
22) Diisopropyl ether	5.90	45	159615	23.005	ug/l	93
23) Vinyl Acetate	5.84	43	629149	111.063	ug/l	97
24) 1,1-Dichloroethane	5.80	63	97082	21.729	ug/l	97
25) 2-Butanone	6.79	43	154684	115.691	ug/l	95
26) 2,2-Dichloropropane	6.77	77	62969	16.913	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	58184	20.279	ug/l	99
28) Bromochloromethane	7.15	49	41131	21.218	ug/l	91
29) Tetrahydrofuran	7.17	42	103694	118.395	ug/l	95
30) Chloroform	7.33	83	96042	21.128	ug/l	95
31) Cyclohexane	7.61	56	77256	20.442	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	76838	20.044	ug/l	96
36) 1,1-Dichloropropene	7.75	75	70395	18.941	ug/l	96
37) Ethyl Acetate	6.88	43	65670	21.339	ug/l	97
38) Carbon Tetrachloride	7.73	117	63133	18.018	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	69298	17.018	ug/l	94
40) Benzene	8.00	78	220607	19.475	ug/l	99
41) Methacrylonitrile	7.14	41	29054m	20.364	ug/l	
42) 1,2-Dichloroethane	8.09	62	77384	20.219	ug/l	99
43) Isopropyl Acetate	8.13	43	104367	20.804	ug/l	98
44) Trichloroethene	8.80	130	50029	17.508	ug/l	95
45) 1,2-Dichloropropane	9.09	63	57601	20.612	ug/l	99
46) Dibromomethane	9.18	93	37358	19.717	ug/l	95
47) Bromodichloromethane	9.37	83	76055	19.880	ug/l	99
48) Methyl methacrylate	9.17	41	47414	21.079	ug/l	95
49) 1,4-Dioxane	9.17	88	18951	379.913	ug/l	90
51) 4-Methyl-2-Pentanone	9.95	43	326163	111.278	ug/l	99
52) Toluene	10.12	92	134128	19.406	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	78868	18.738	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	86711	19.350	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	54018	19.882	ug/l	98
56) Ethyl methacrylate	10.40	69	73121	20.167	ug/l	96
57) 1,3-Dichloropropane	10.68	76	95685	20.461	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	134870	97.843	ug/l	96
59) 2-Hexanone	10.72	43	230421	108.868	ug/l	98
60) Dibromochloromethane	10.87	129	54110	18.812	ug/l	98
61) 1,2-Dibromoethane	10.98	107	52637	18.855	ug/l	98
64) Tetrachloroethene	10.60	164	39274	16.692	ug/l	98
65) Chlorobenzene	11.41	112	139612	18.457	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	50004	19.118	ug/l	98
67) Ethyl Benzene	11.48	91	241381	18.895	ug/l	98
68) m/p-Xylenes	11.60	106	182508	36.937	ug/l	98
69) o-Xylene	11.92	106	86212	18.493	ug/l	97
70) Styrene	11.94	104	146493	18.842	ug/l	99
71) Bromoform	12.10	173	32594	17.527	ug/l #	98
73) Isopropylbenzene	12.22	105	227931	19.696	ug/l	99
74) N-amyl acetate	12.05	43	81949	21.294	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	81504	21.164	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	68501m	19.464	ug/l	
77) Bromobenzene	12.50	156	53539	18.635	ug/l	90
78) n-propylbenzene	12.57	91	261464	19.752	ug/l	99
79) 2-Chlorotoluene	12.65	91	160118	20.008	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	188406	20.083	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	21821	18.107	ug/l	96
82) 4-Chlorotoluene	12.75	91	163917	19.808	ug/l	97
83) tert-Butylbenzene	12.97	119	149246	18.589	ug/l	95
84) 1,2,4-Trimethylbenzene	13.01	105	181666	19.389	ug/l	98
85) sec-Butylbenzene	13.15	105	206605	19.475	ug/l	99
86) p-Isopropyltoluene	13.26	119	175825	18.917	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	93533	18.539	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	93980	18.071	ug/l	98
89) n-Butylbenzene	13.59	91	136806	17.704	ug/l	98
90) Hexachloroethane	13.85	117	34535	18.938	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	94699	19.357	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	13022	21.108	ug/l	93

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ClientSampleId :
VN0701WBSD02

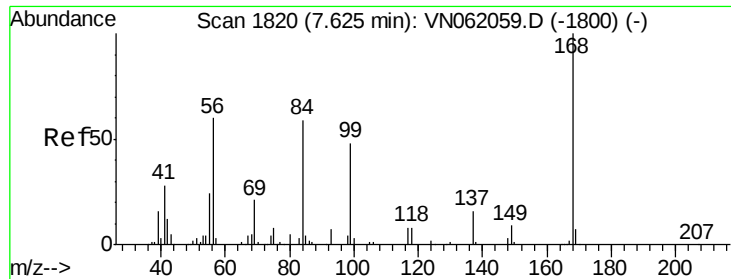
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	36530	17.092	ug/l	97
94) Hexachlorobutadiene	14.98	225	17742	19.113	ug/l	95
95) Naphthalene	15.11	128	105981	17.679	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	38680	17.700	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062313.D

Acq: 2 Jul 2020 1:32

Instrument :

MSVOA_N

ClientSampleId :

VN0701WBSD02

Tot Ion:168 Resp: 194924

Ion Ratio Lower Upper

168 100

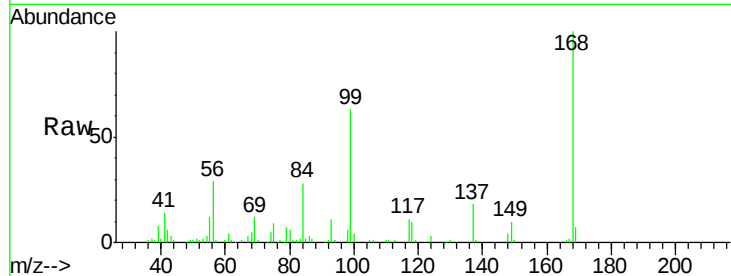
99 62.9 45.8 68.8

Manual Integrations

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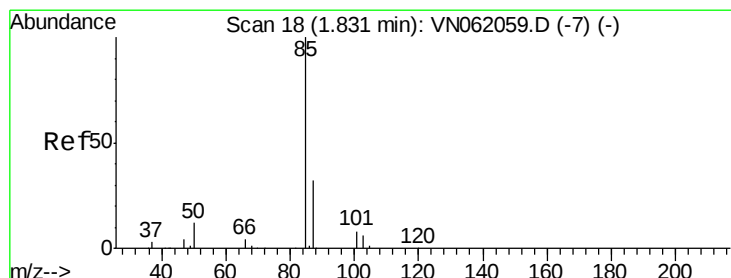
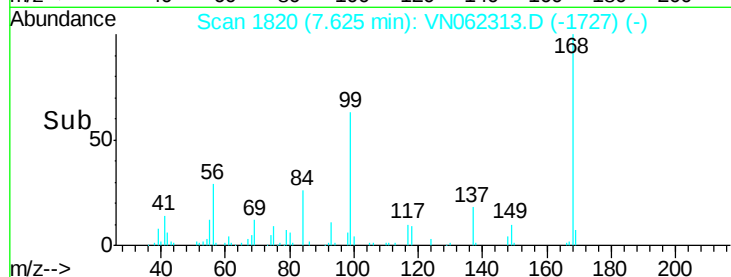
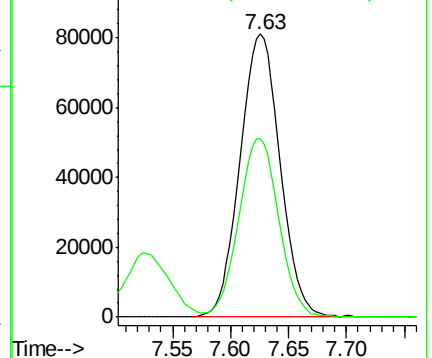
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 17.707 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062313.D

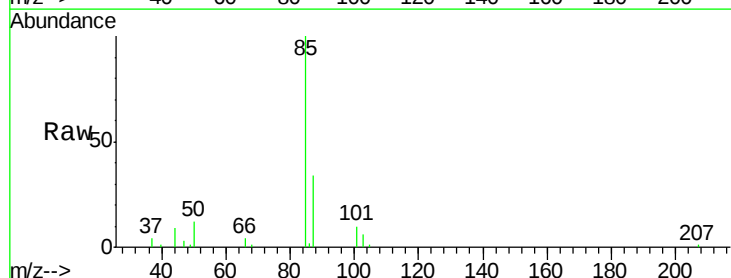
Acq: 2 Jul 2020 1:32

Tgt Ion: 85 Resp: 39014

Ion Ratio Lower Upper

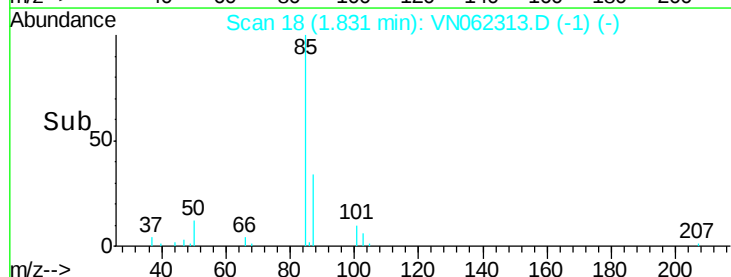
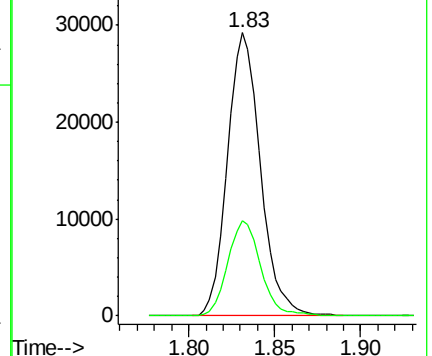
85 100

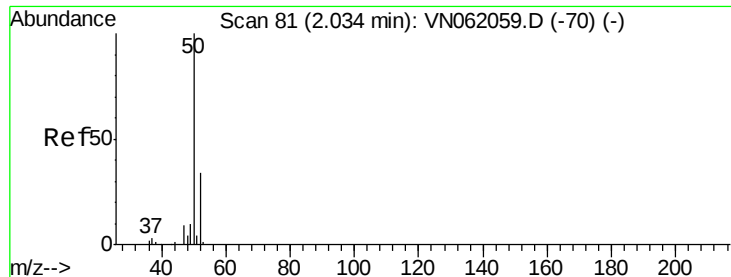
87 33.5 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 21.174 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062313.D

Acq: 2 Jul 2020 1:32

Instrument :

MSVOA_N

ClientSampleId :

VN0701WBSD02

Tot Ion: 50 Resp: 56923

Ion Ratio Lower Upper

50 100

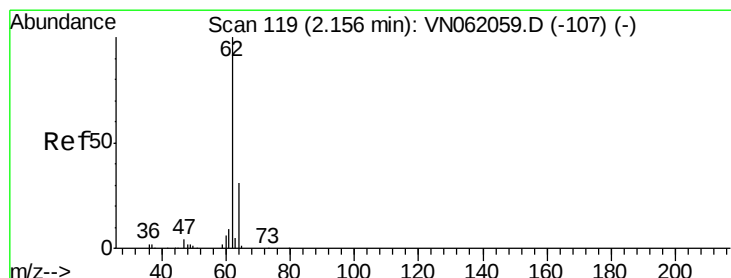
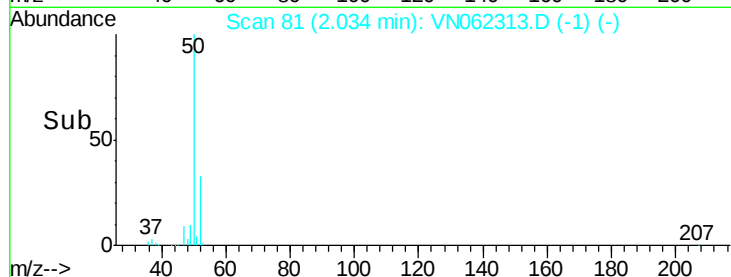
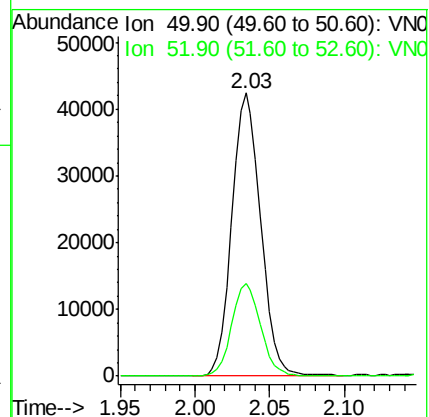
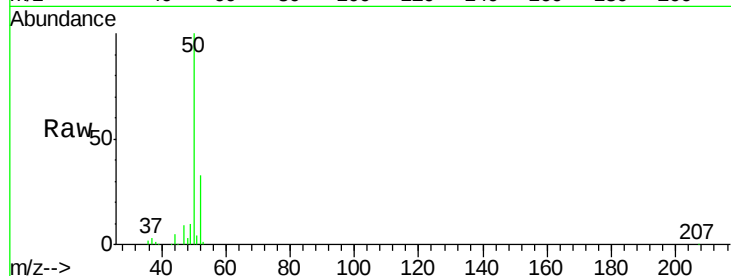
52 32.8 27.0 40.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.593 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062313.D

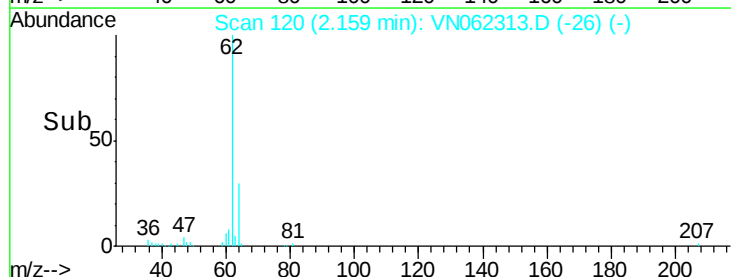
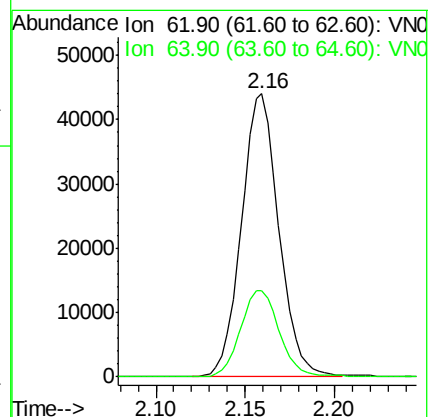
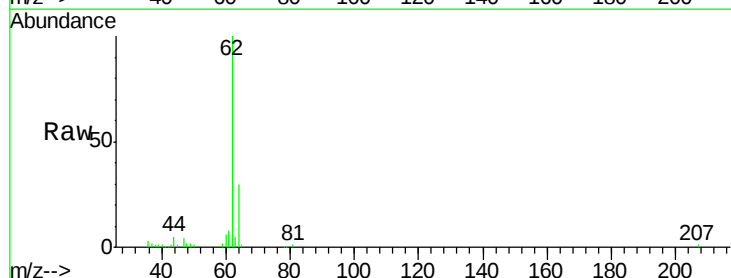
Acq: 2 Jul 2020 1:32

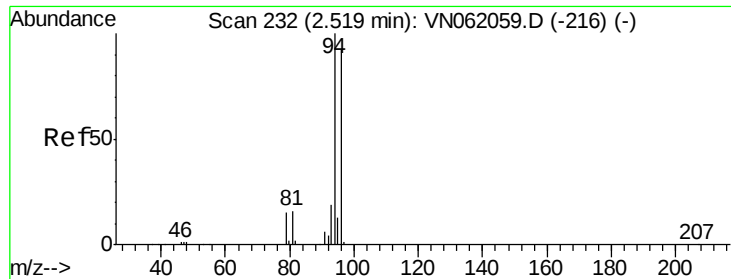
Tgt Ion: 62 Resp: 64512

Ion Ratio Lower Upper

62 100

64 30.4 25.1 37.7





#5

Bromomethane

Concen: 19.824 ug/l

RT: 2.53 min Scan# 235

Delta R.T. 0.01 min

Lab File: VN062313.D

Acq: 2 Jul 2020 1:32

Instrument :

MSVOA_N

ClientSampleId :

VN0701WBSD02

Tot Ion: 94 Resp: 44454

Ion Ratio Lower Upper

94 100

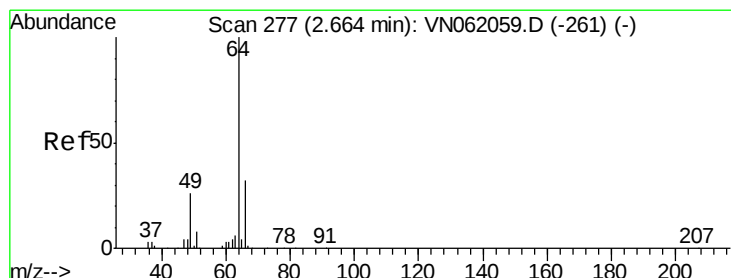
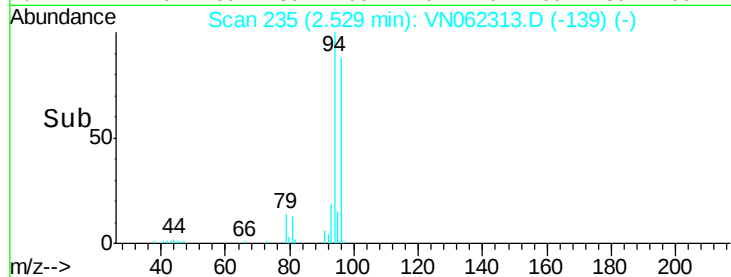
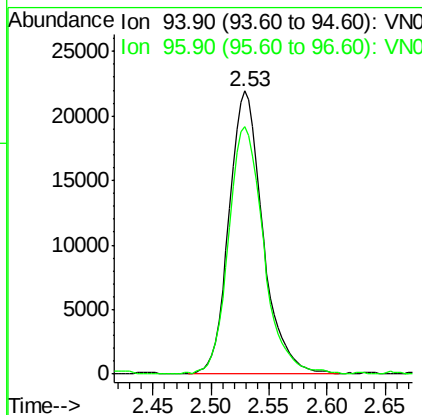
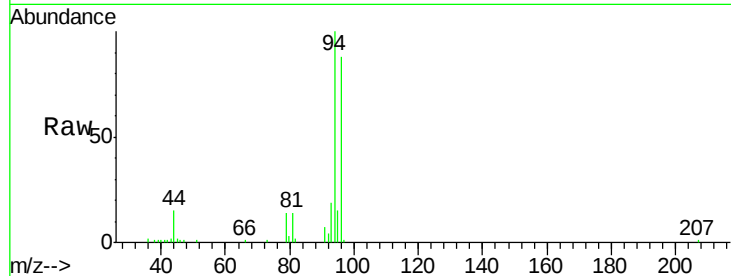
96 86.9 73.4 110.2

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#6

Chloroethane

Concen: 18.917 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.00 min

Lab File: VN062313.D

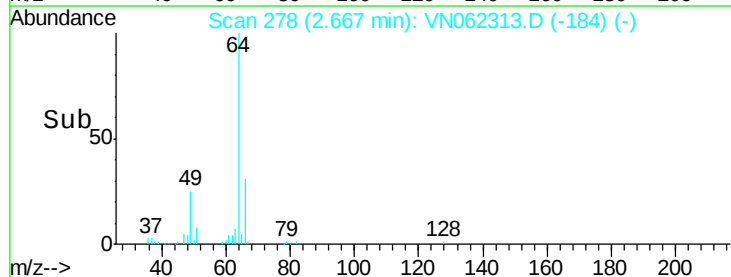
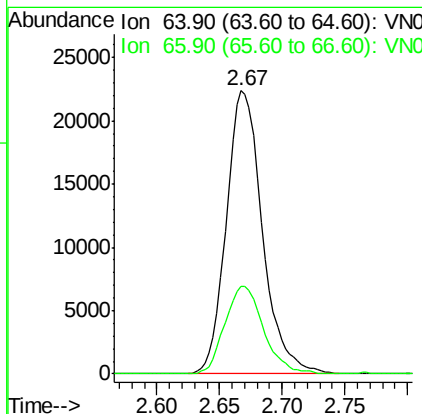
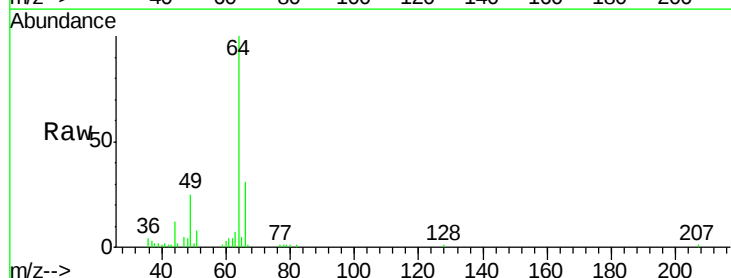
Acq: 2 Jul 2020 1:32

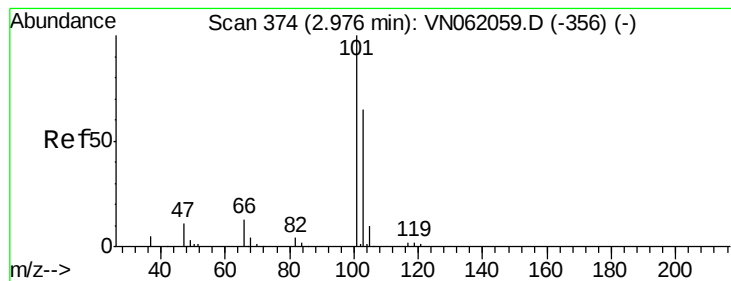
Tgt Ion: 64 Resp: 44837

Ion Ratio Lower Upper

64 100

66 30.8 25.8 38.6





#7

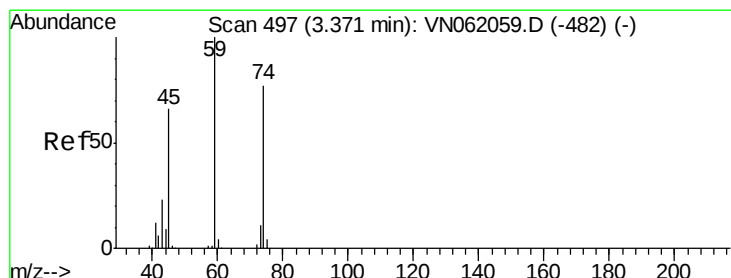
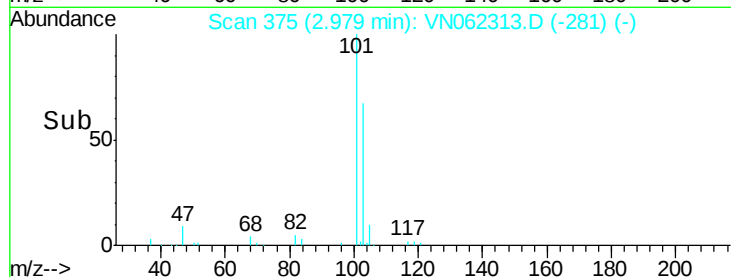
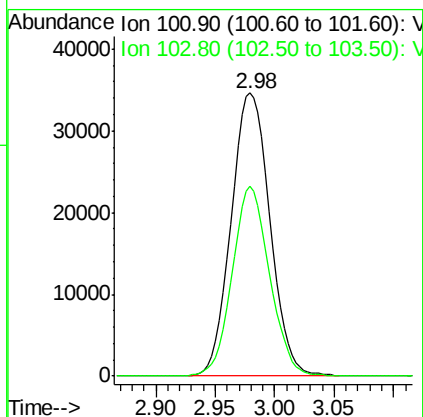
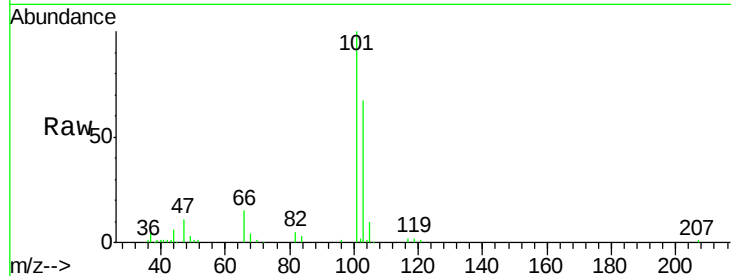
Trichlorofluoromethane
 Concen: 18.299 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN062313.D
 Acq: 2 Jul 2020 1:32

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 VN0701WBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.1	51.8	77.6

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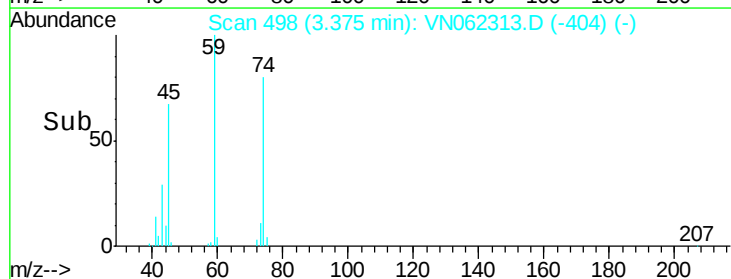
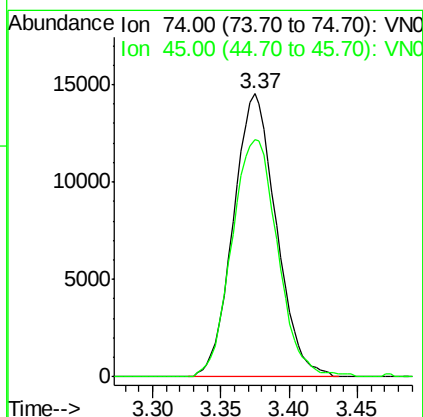
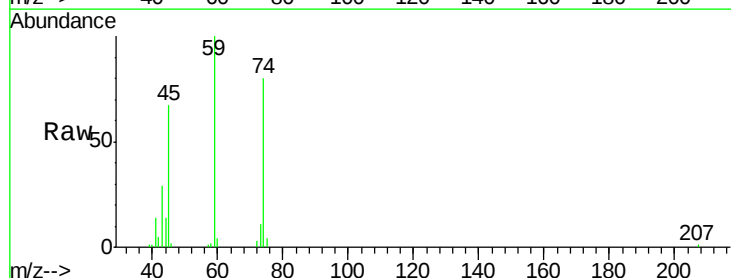
MMDadoda
 7/2/2020 12:31:16 PM

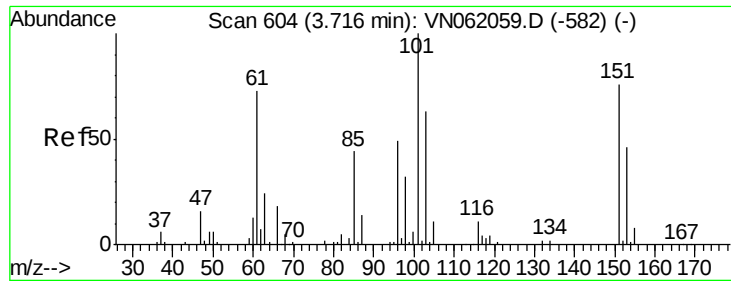


#8

Diethyl Ether
 Concen: 21.254 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062313.D
 Acq: 2 Jul 2020 1:32

Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.7	42.5	127.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.297 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN062313.D

Acq: 2 Jul 2020 1:32

Instrument :

MSVOA_N

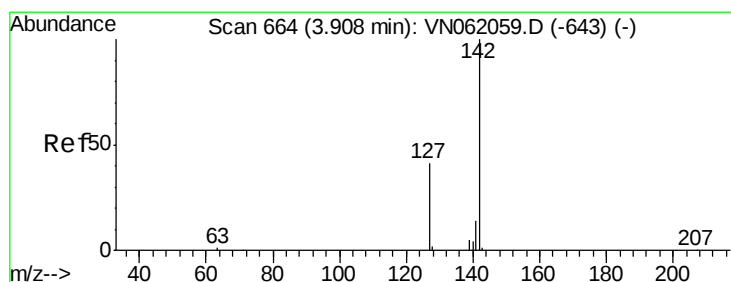
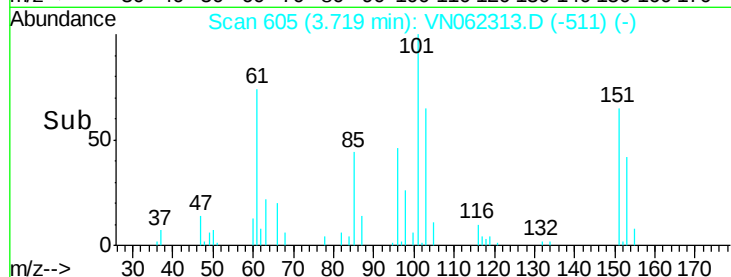
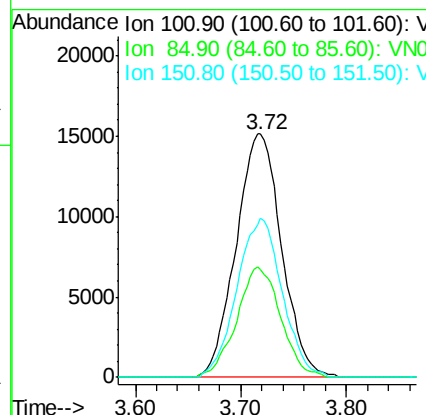
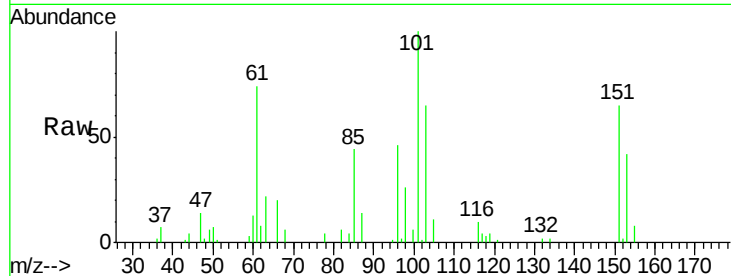
ClientSampleId :

VN0701WBSD02

Tot Ion:	101	Resp:	45443
Ion Ratio	Lower	Upper	
101	100		
85	43.9	34.5	51.7
151	64.7	57.8	86.8

Manual Integrations
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#10

Methyl Iodide

Concen: 19.173 ug/l

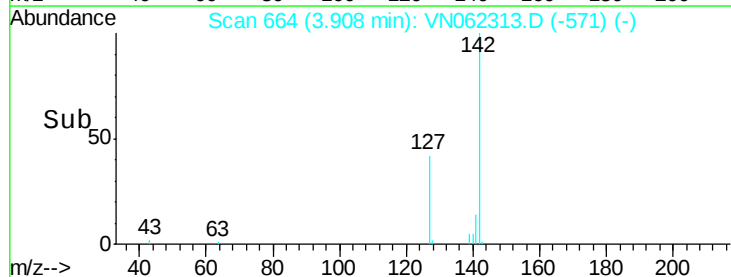
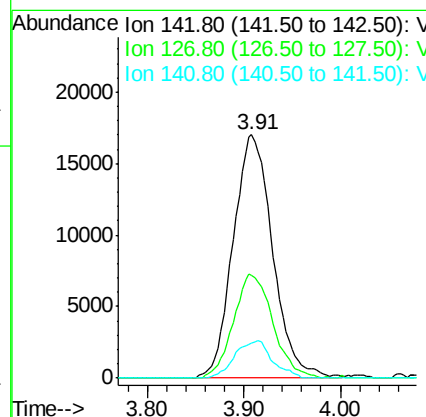
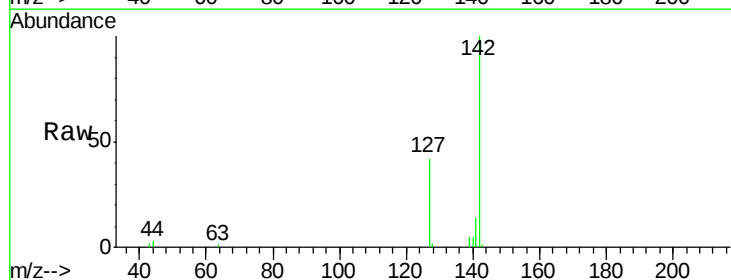
RT: 3.91 min Scan# 664

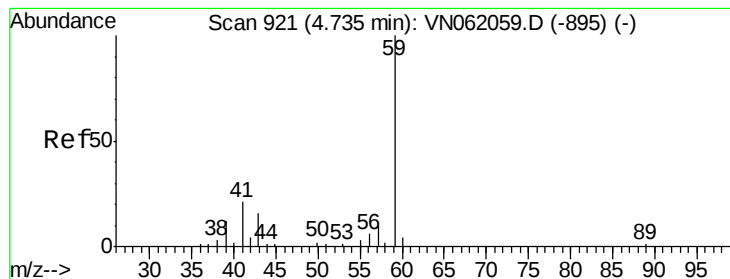
Delta R.T. -0.00 min

Lab File: VN062313.D

Acq: 2 Jul 2020 1:32

Tgt Ion:	142	Resp:	48345
Ion Ratio	Lower	Upper	
142	100		
127	42.4	33.6	50.4
141	14.5	11.3	16.9





#11

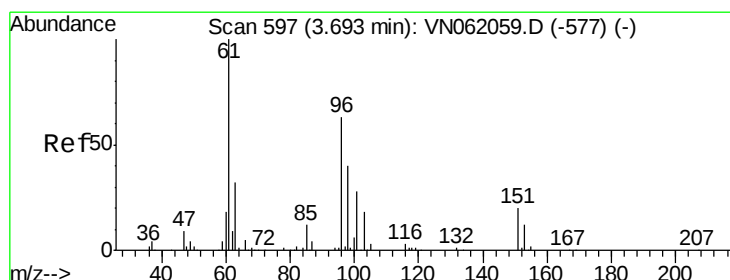
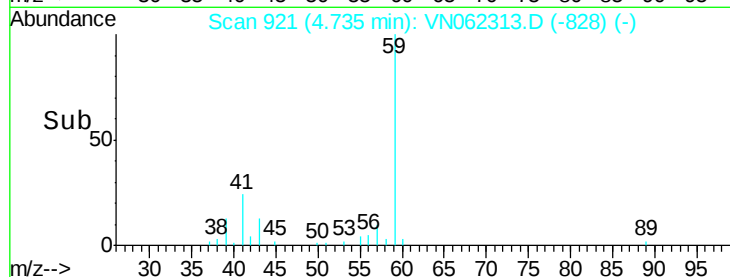
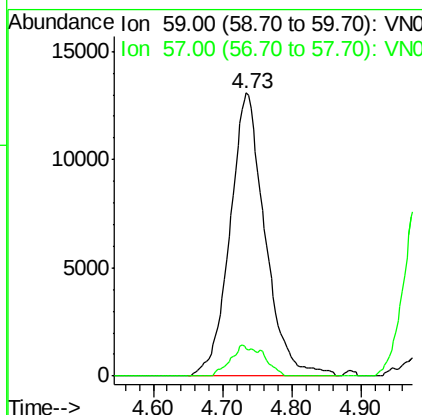
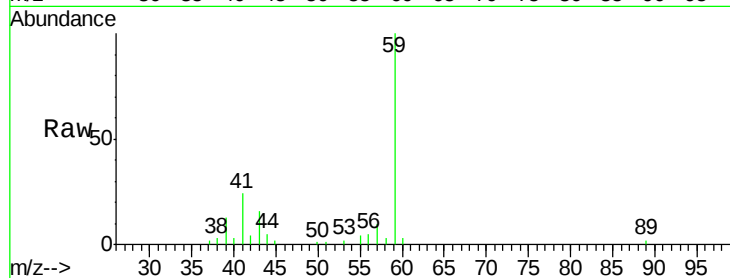
Tert butyl alcohol
 Concen: 117.215 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VN062313.D
 Acq: 2 Jul 2020 1:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBSD02

Tot Ion	Ratio	Lower	Upper
59	100		
57	7.7	8.3	12.5#

Manual Integrations
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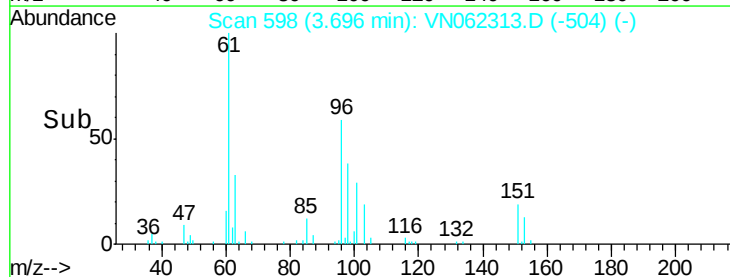
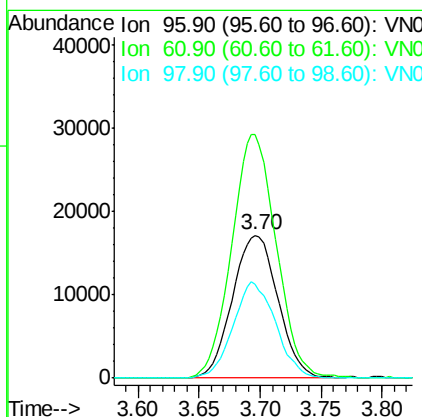
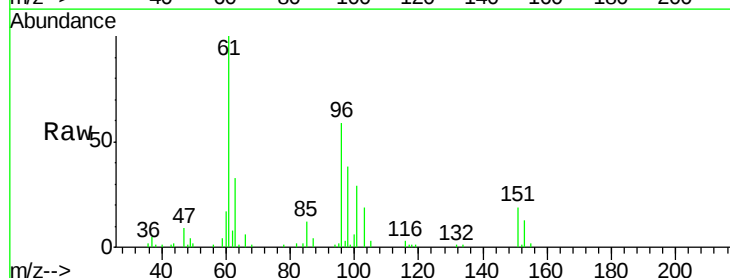
MMDadoda
 7/2/2020 12:31:16 PM

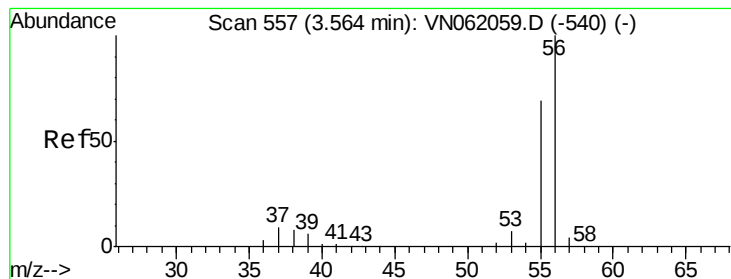


#12

1,1-Dichloroethene
 Concen: 19.763 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: VN062313.D
 Acq: 2 Jul 2020 1:32

Tgt Ion	Ratio	Lower	Upper
96	100		
61	169.9	126.7	190.1
98	65.3	51.0	76.4





#13

Acrolein

Concen: 91.849 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062313.D

Acq: 2 Jul 2020 1:32

Instrument :

MSVOA_N

ClientSampleId :

VN0701WBSD02

Tot Ion: 56 Resp: 35318

Ion Ratio Lower Upper

56 100

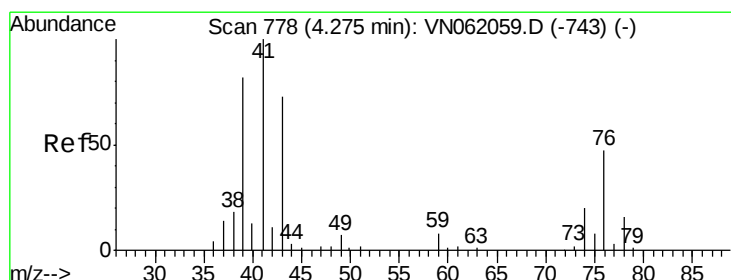
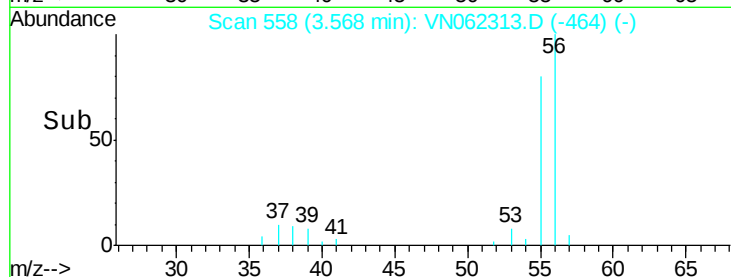
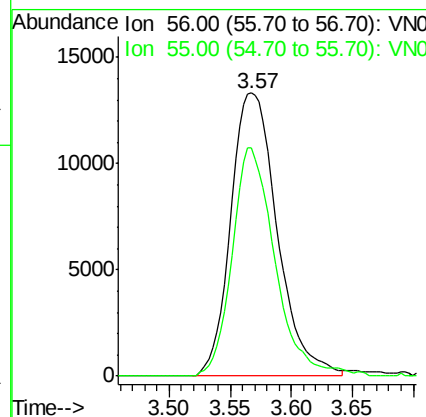
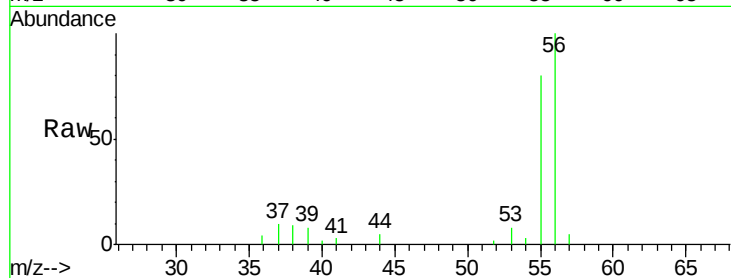
55 74.3 55.5 83.3

Manual Integrations

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#14

Allyl chloride

Concen: 21.945 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062313.D

Acq: 2 Jul 2020 1:32

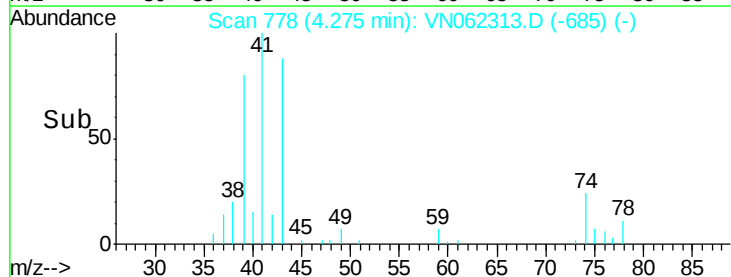
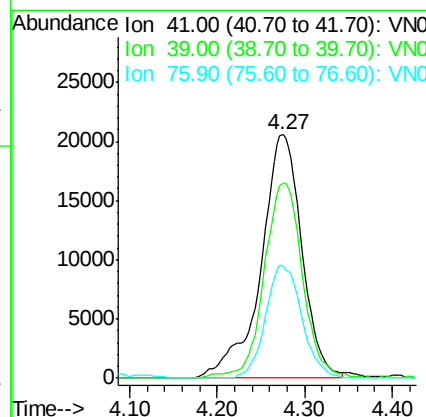
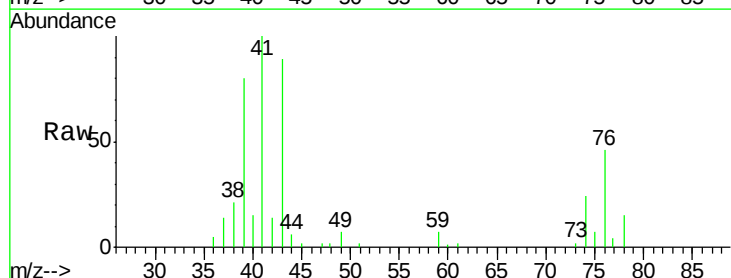
Tgt Ion: 41 Resp: 66871

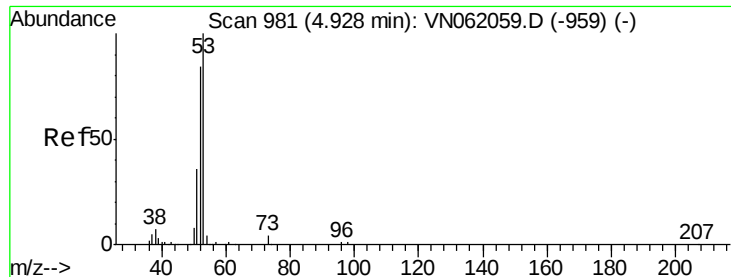
Ion Ratio Lower Upper

41 100

39 74.9 60.0 90.0

76 40.8 34.1 51.1





#15

Acrylonitrile

Concen: 117.958 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062313.D

Acq: 2 Jul 2020 1:32

Instrument :

MSVOA_N

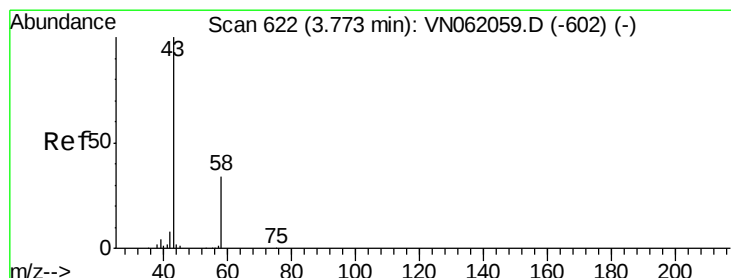
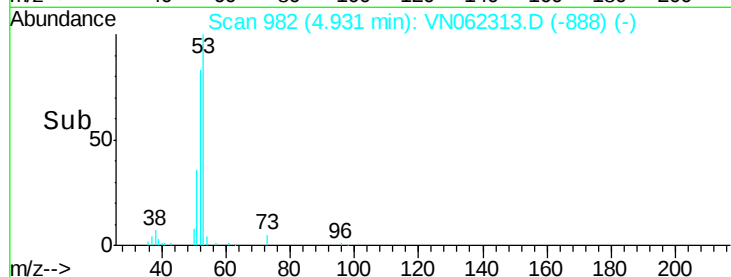
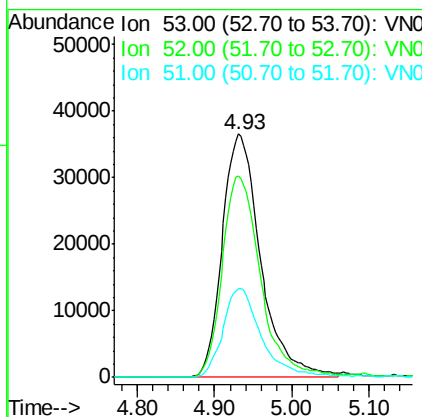
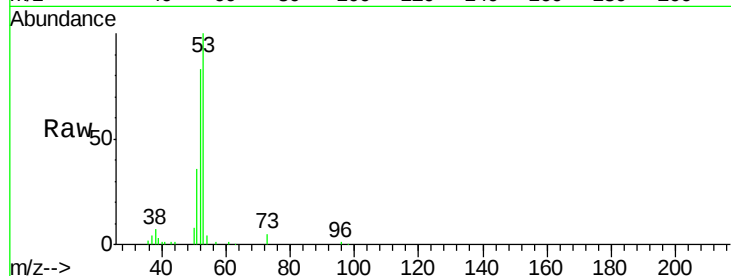
ClientSampleId :

VN0701WBSD02

Tot Ion:	53	Resp:	126245
Ion Ratio	Lower	Upper	
53	100		
52	82.1	66.2	99.4
51	36.1	28.9	43.3

Manual Integrations
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#16

Acetone

Concen: 114.502 ug/l

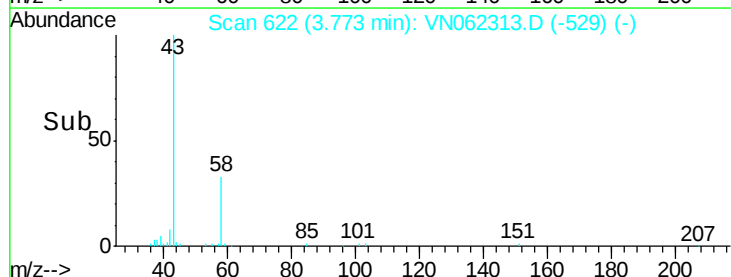
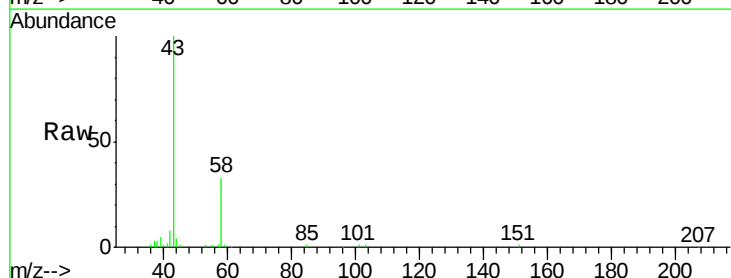
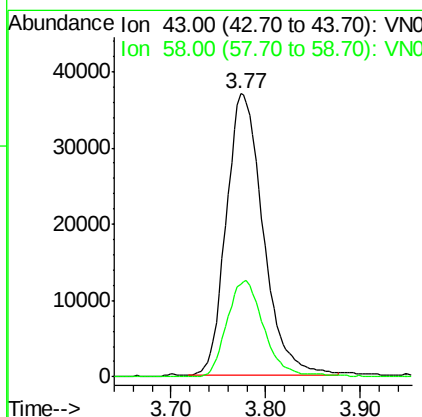
RT: 3.77 min Scan# 622

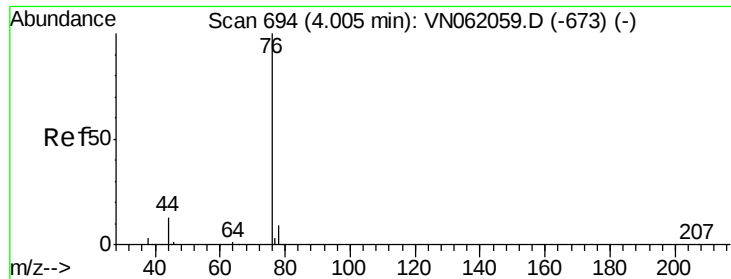
Delta R.T. 0.00 min

Lab File: VN062313.D

Acq: 2 Jul 2020 1:32

Tgt Ion:	43	Resp:	100198
Ion Ratio	Lower	Upper	
43	100		
58	33.1	27.5	41.3





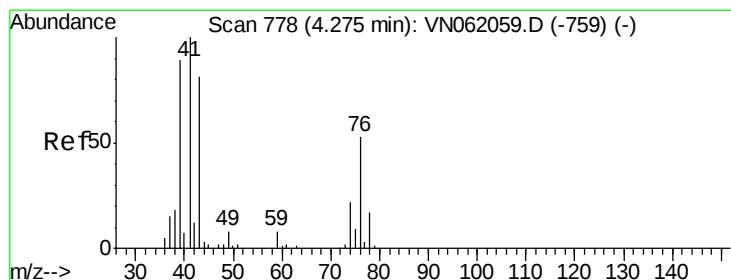
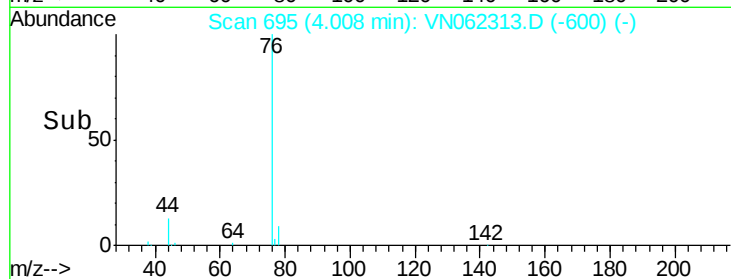
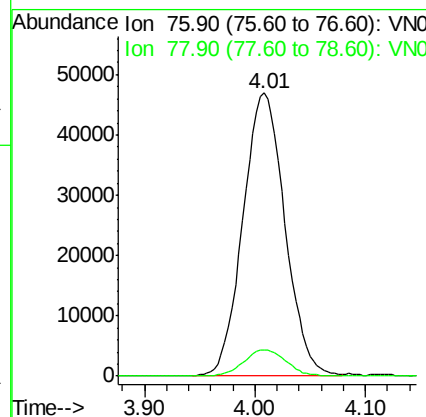
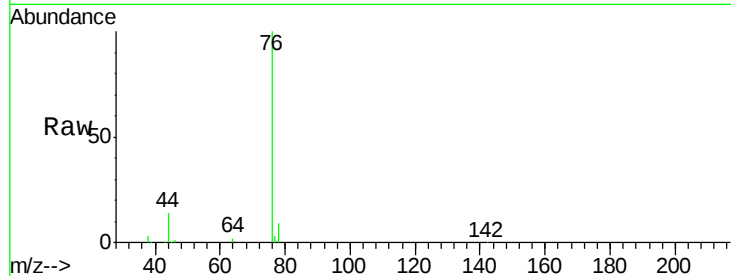
#17
Carbon Disulfide
Concen: 19.401 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062313.D
Acq: 2 Jul 2020 1:32

Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.2	10.8

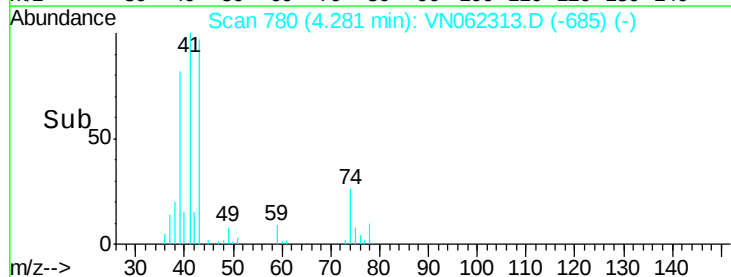
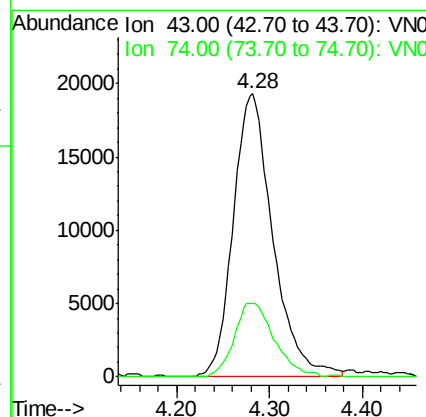
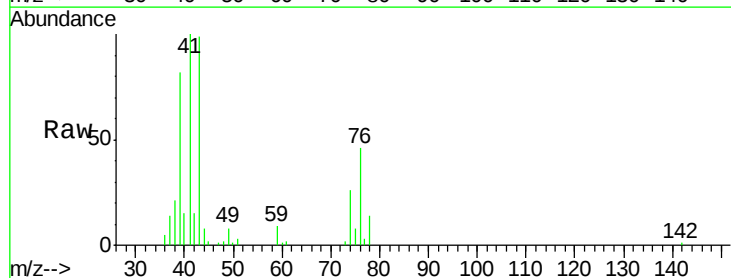
Manual Integrations
APPROVED

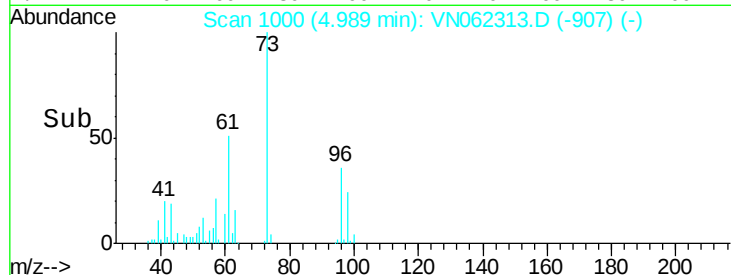
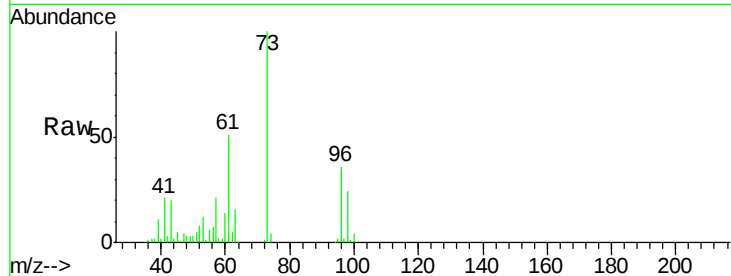
MMDadoda
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#18
Methyl Acetate
Concen: 26.349 ug/l
RT: 4.28 min Scan# 780
Delta R.T. 0.01 min
Lab File: VN062313.D
Acq: 2 Jul 2020 1:32

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.3	22.9	34.3





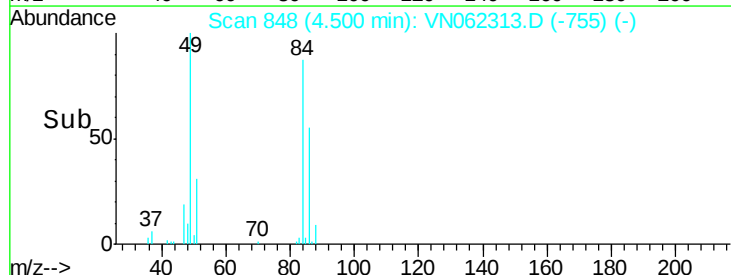
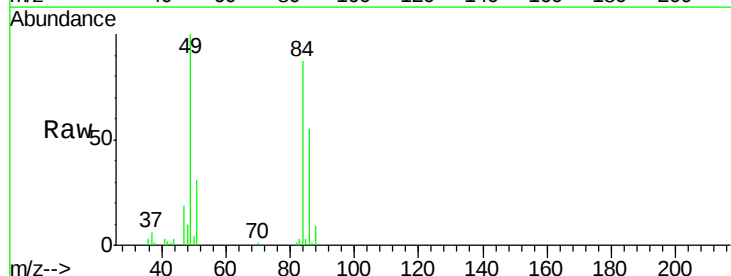
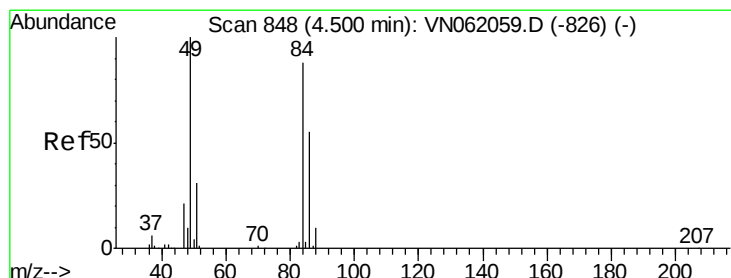
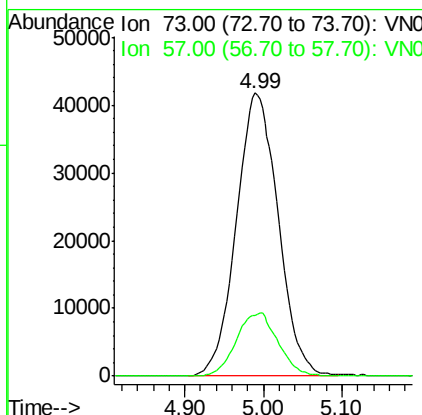
#19
Methyl tert-butyl Ether
Concen: 21.821 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062313.D
Acq: 2 Jul 2020 1:32

Tot Ion: 73 Resp: 156066
Ion Ratio Lower Upper
73 100
57 21.4 16.6 24.8

Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD02

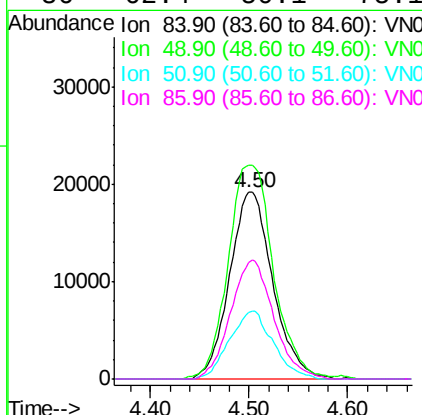
Manual Integrations
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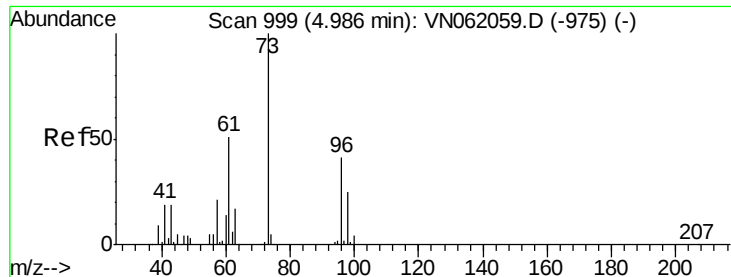
MMDadoda
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#20
Methylene Chloride
Concen: 23.076 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062313.D
Acq: 2 Jul 2020 1:32

Tgt Ion: 84 Resp: 58240
Ion Ratio Lower Upper
84 100
49 113.1 90.6 136.0
51 35.6 27.8 41.8
86 62.4 50.1 75.1





#21

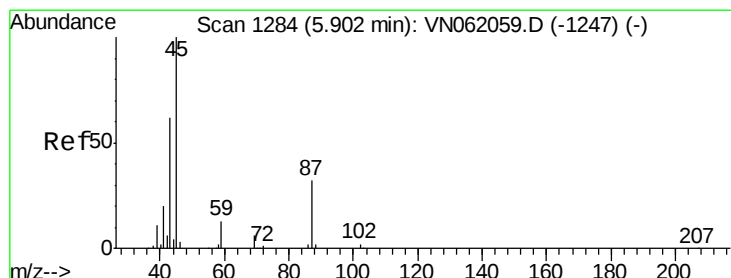
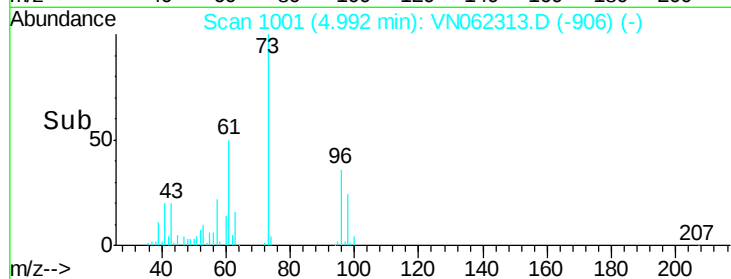
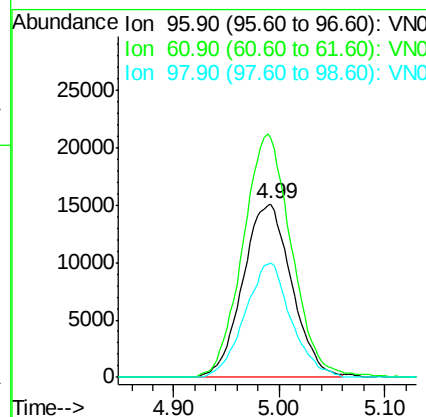
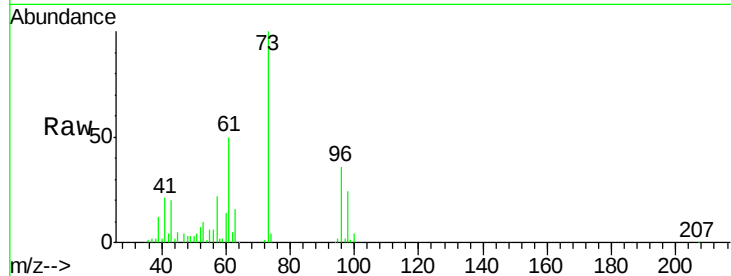
trans-1,2-Dichloroethene
Concen: 19.098 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.01 min
Lab File: VN062313.D
Acq: 2 Jul 2020 1:32

Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD02

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.1	101.4	152.2
98	65.8	49.3	73.9

Manual Integrations
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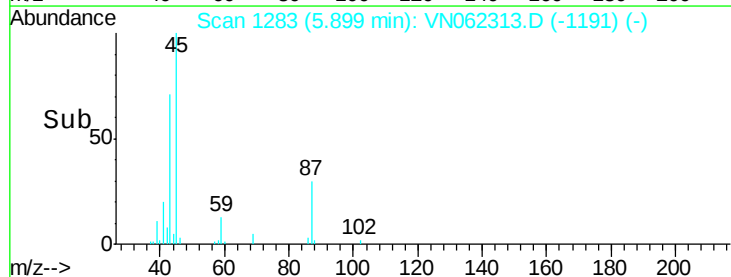
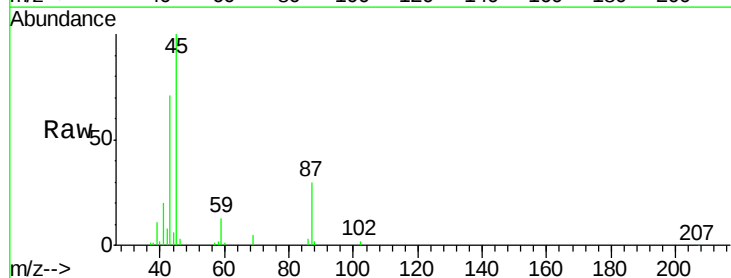
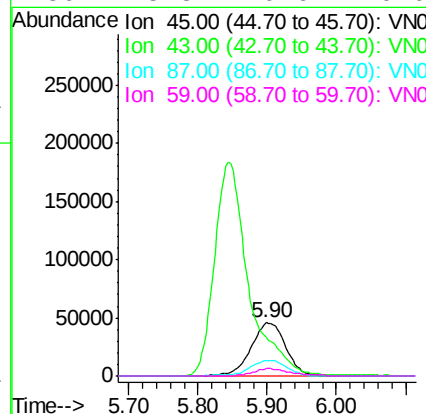
MMDadoda
7/2/2020 12:31:16 PM

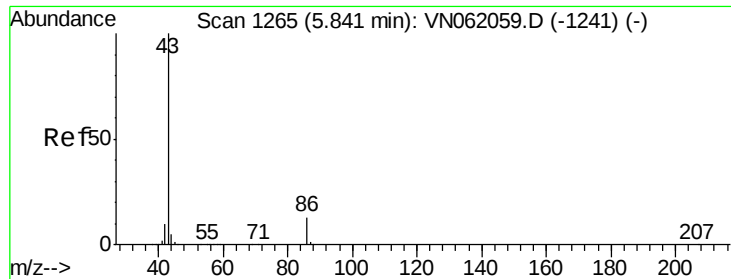


#22

Diisopropyl ether
Concen: 23.005 ug/l
RT: 5.90 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VN062313.D
Acq: 2 Jul 2020 1:32

Tgt Ion	Ratio	Lower	Upper
45	100		
43	68.9	49.7	74.5
87	29.7	25.9	38.9
59	13.3	10.6	16.0





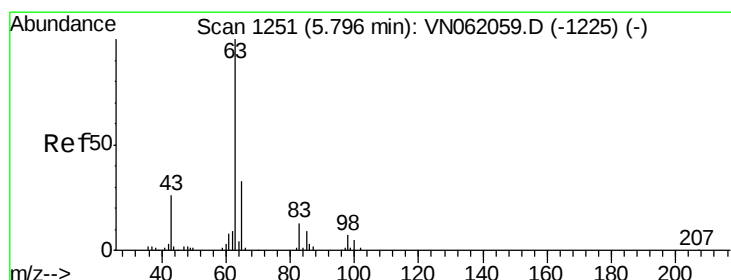
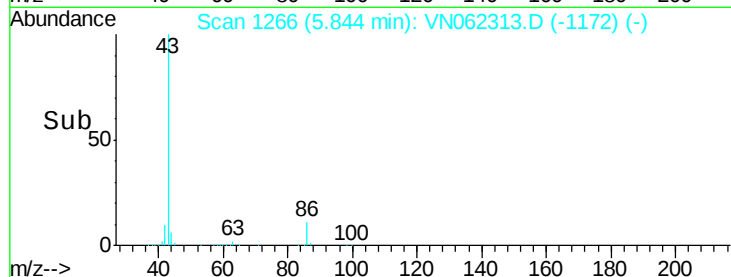
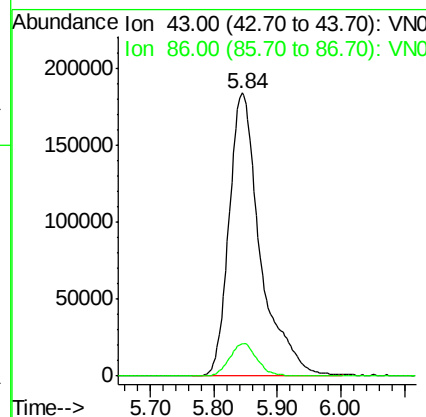
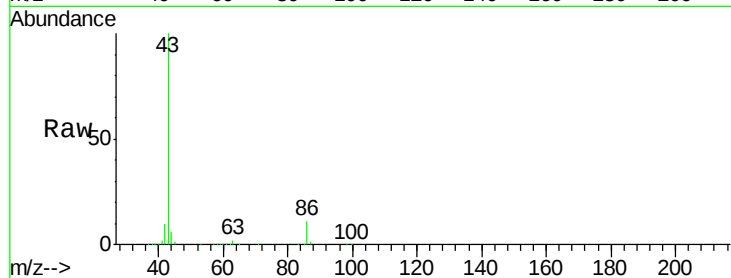
#23
 Vinyl Acetate
 Concen: 111.063 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: VN062313.D
 Acq: 2 Jul 2020 1:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBSD02

Tot Ion	43	Resp	629149
Ion Ratio	Lower	Upper	
43	100		
86	11.3	10.1	15.1

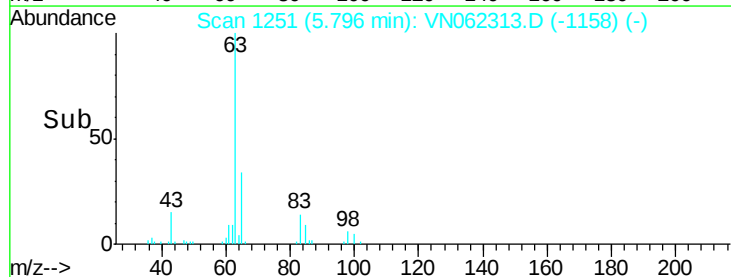
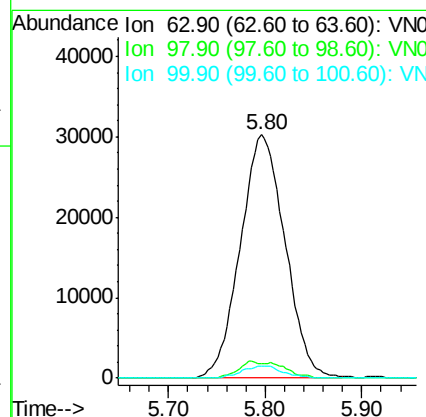
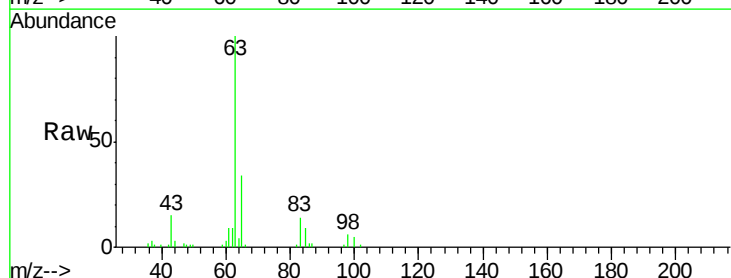
Manual Integrations
 APPROVED

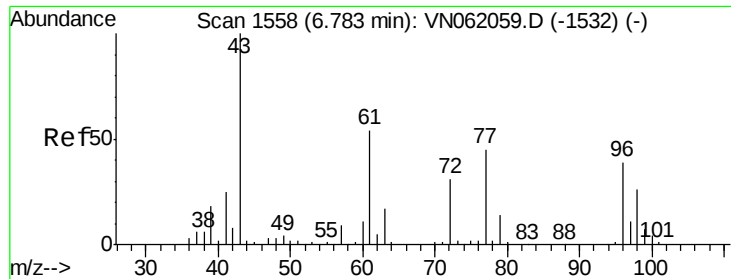
MMDadoda
 7/2/2020 12:31:16 PM



#24
 1,1-Dichloroethane
 Concen: 21.729 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VN062313.D
 Acq: 2 Jul 2020 1:32

Tgt Ion	63	Resp	97082
Ion Ratio	Lower	Upper	
63	100		
98	5.9	3.6	10.9
100	4.7	2.4	7.1





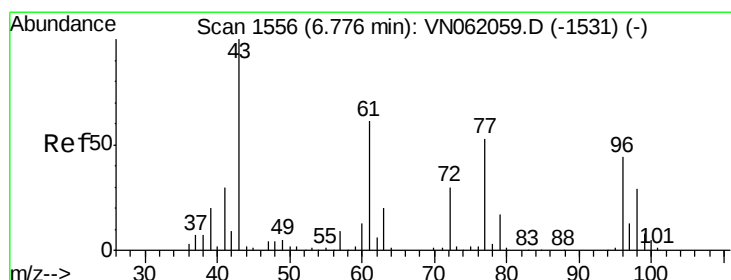
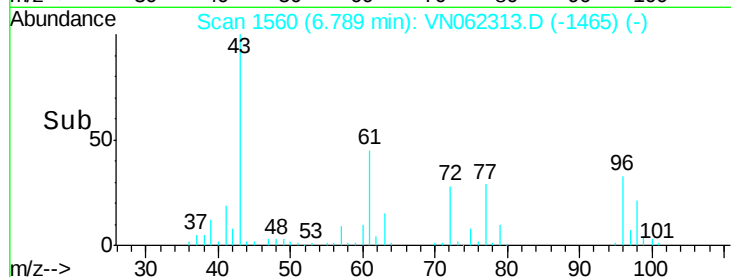
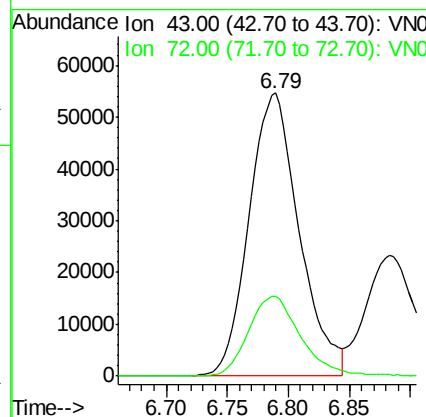
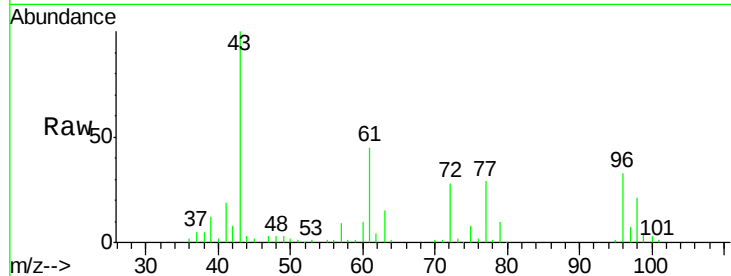
#25
2-Butanone
Concen: 115.691 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. 0.01 min
Lab File: VN062313.D
Acq: 2 Jul 2020 1:32

Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD02

Tot Ion: 43 Resp: 154684
Ion Ratio Lower Upper
43 100
72 28.4 24.8 37.2

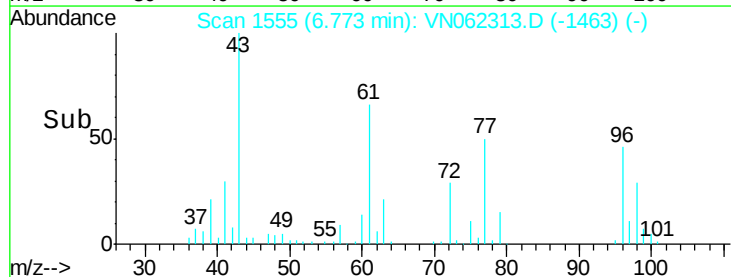
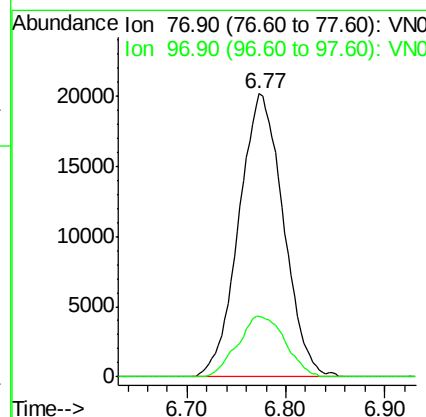
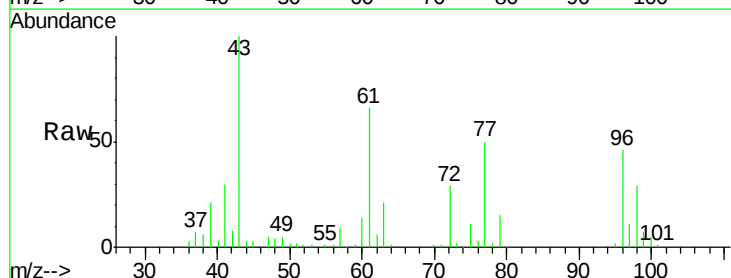
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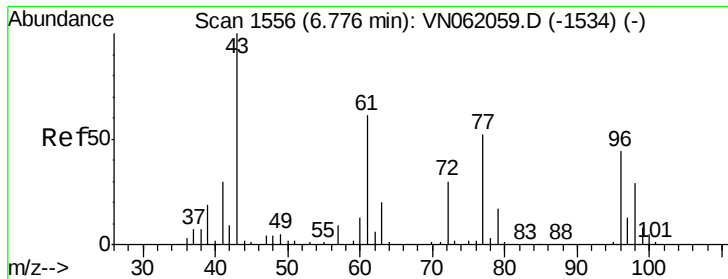
MMDadoda
7/2/2020 12:31:16 PM



#26
2,2-Dichloropropane
Concen: 16.913 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN062313.D
Acq: 2 Jul 2020 1:32

Tgt Ion: 77 Resp: 62969
Ion Ratio Lower Upper
77 100
97 22.8 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 20.279 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062313.D

Acq: 2 Jul 2020 1:32

Instrument :

MSVOA_N

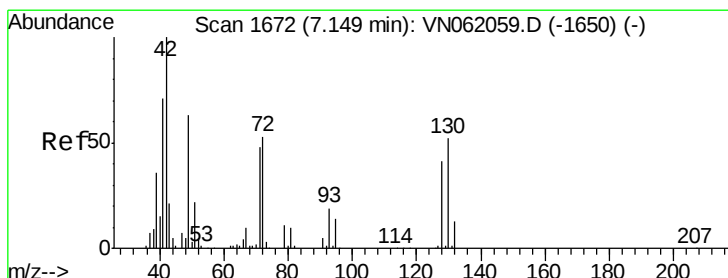
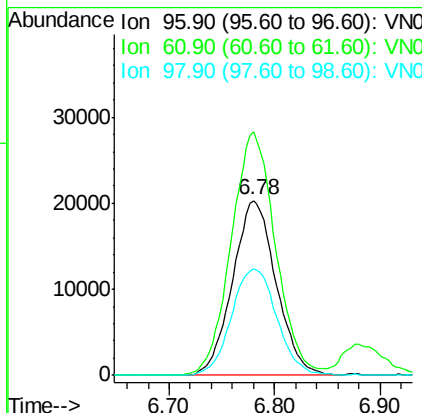
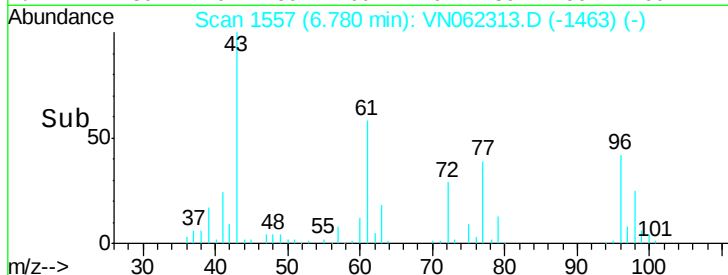
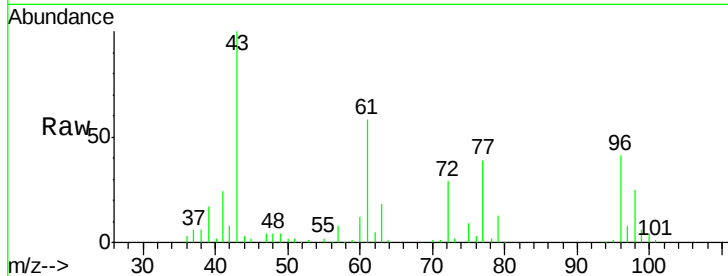
ClientSampleId :

VN0701WBSD02

Tot Ion:	96	Resp:	58184
Ion	Ratio	Lower	Upper
96	100		
61	141.9	0.0	280.4
98	63.6	0.0	129.4

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#28

Bromochloromethane

Concen: 21.218 ug/l

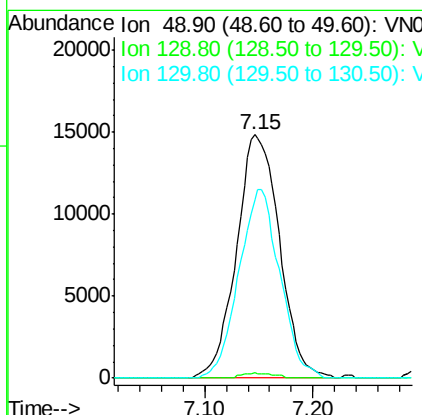
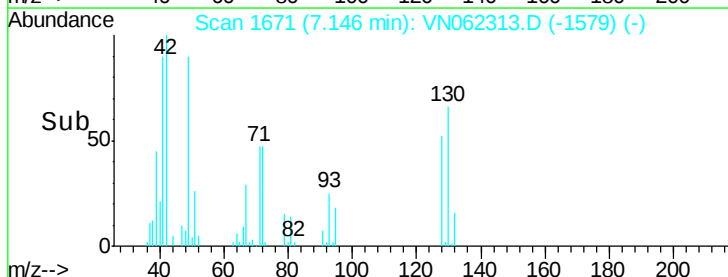
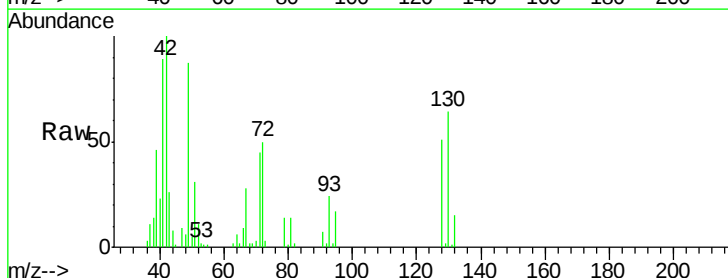
RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN062313.D

Acq: 2 Jul 2020 1:32

Tgt Ion:	49	Resp:	41131
Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	4.4
130	74.0	65.5	98.3





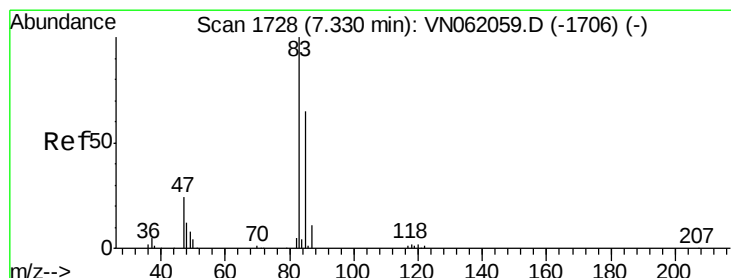
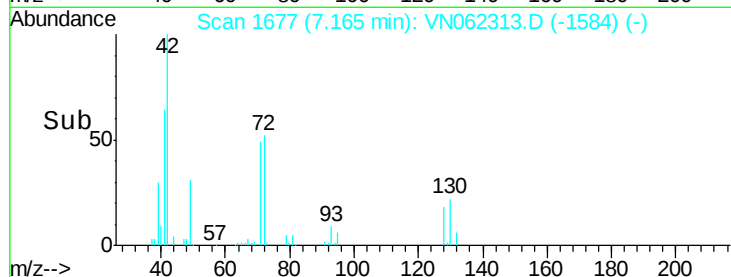
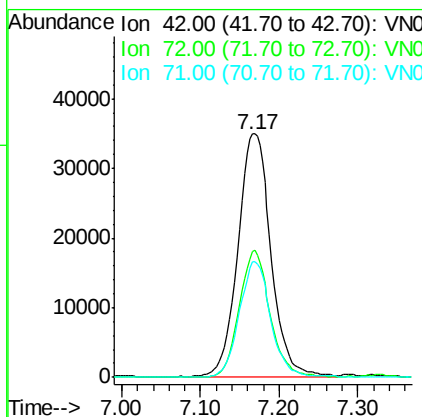
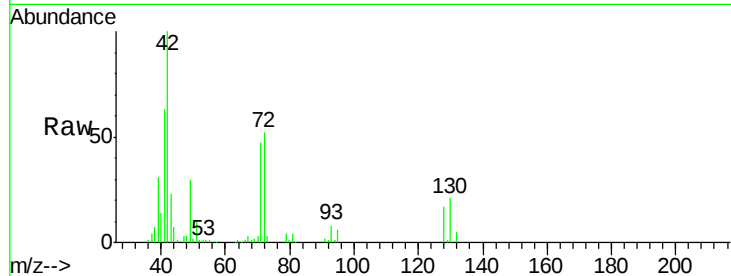
#29
Tetrahydrofuran
Concen: 118.395 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062313.D
Acq: 2 Jul 2020 1:32

Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.3	41.1	61.7
71	44.7	38.2	57.4

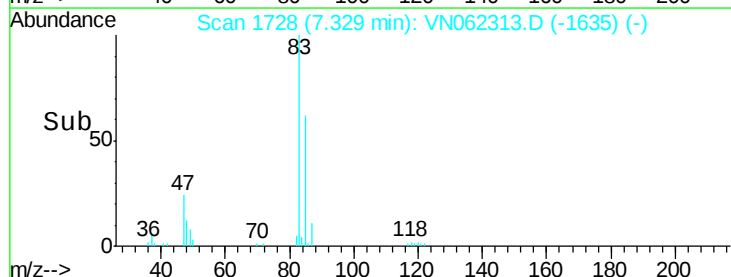
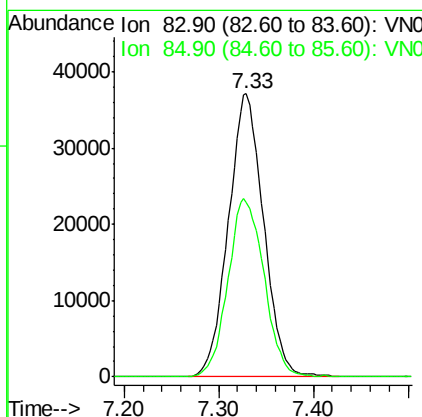
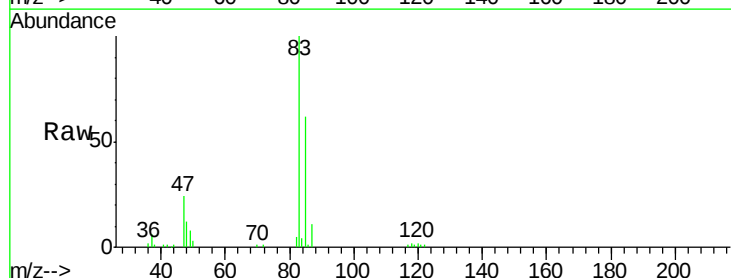
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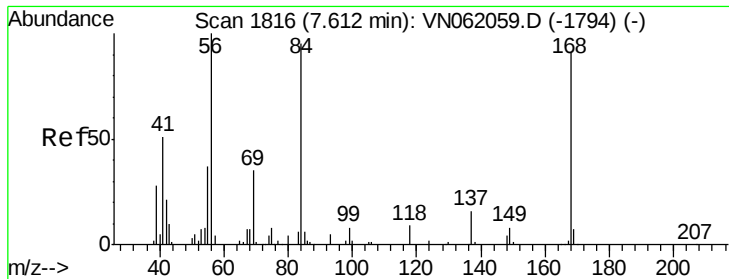
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#30
Chloroform
Concen: 21.128 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062313.D
Acq: 2 Jul 2020 1:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.6	52.3	78.5





#31

Cyclohexane

Concen: 20.442 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062313.D

Acq: 2 Jul 2020 1:32

Instrument :

MSVOA_N

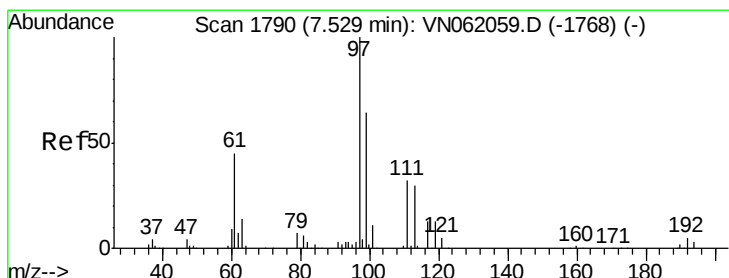
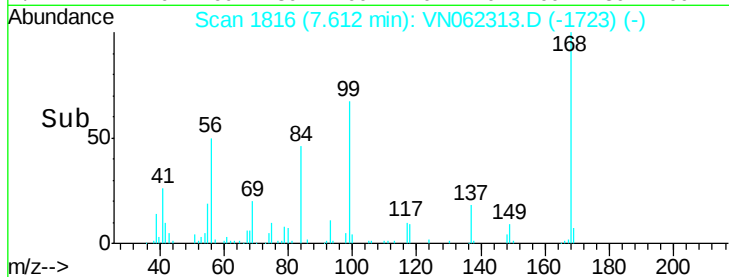
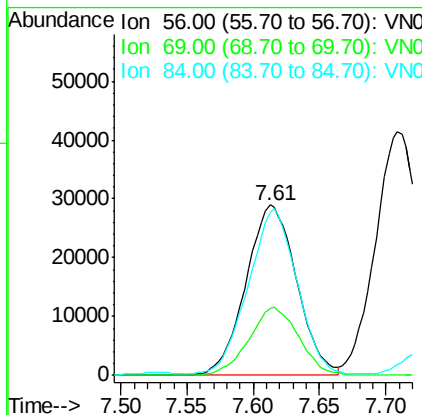
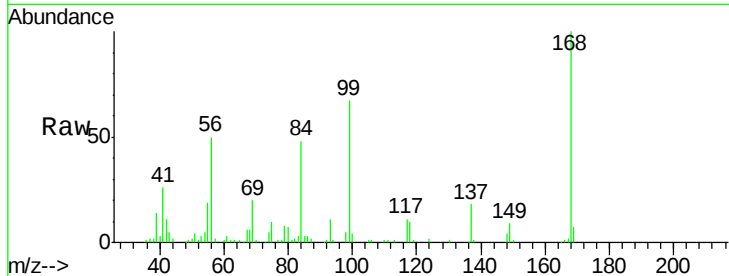
ClientSampleID :

VN0701WBSD02

Tot Ion:	56	Resp:	77256
Ion Ratio	Lower	Upper	
56	100		
69	39.5	28.0	42.0
84	95.0	76.1	114.1

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#32

1,1,1-Trichloroethane

Concen: 20.044 ug/l

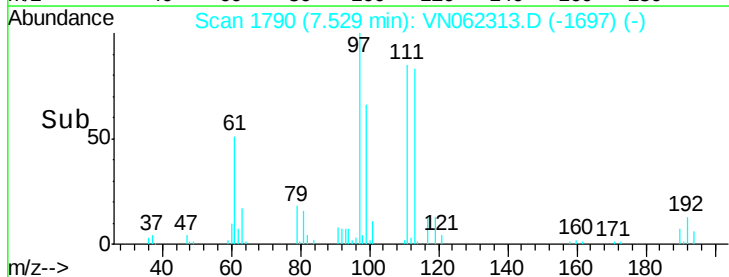
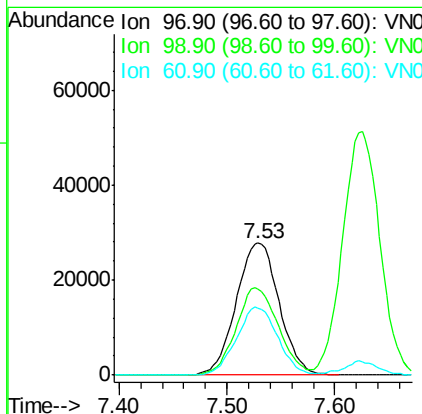
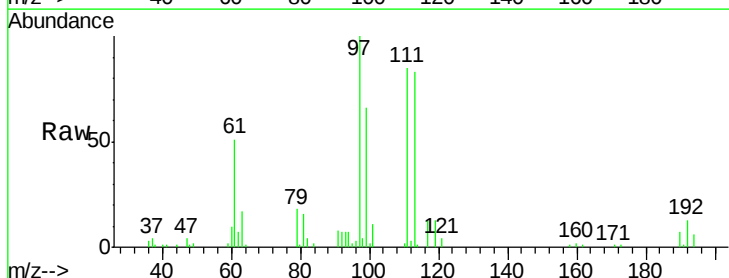
RT: 7.53 min Scan# 1790

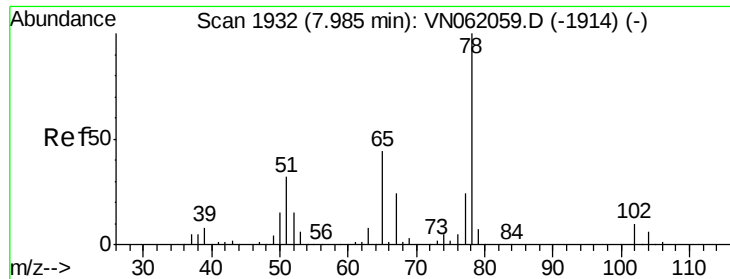
Delta R.T. -0.00 min

Lab File: VN062313.D

Acq: 2 Jul 2020 1:32

Tgt Ion:	97	Resp:	76838
Ion Ratio	Lower	Upper	
97	100		
99	65.3	51.0	76.4
61	49.5	36.2	54.2





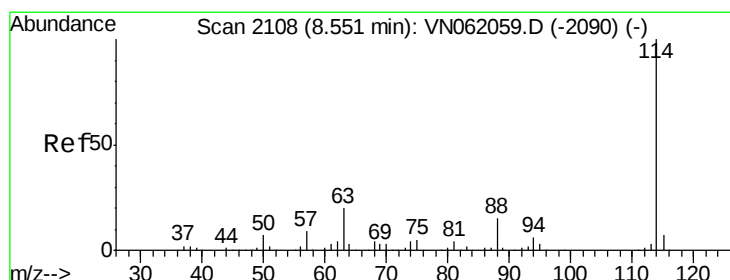
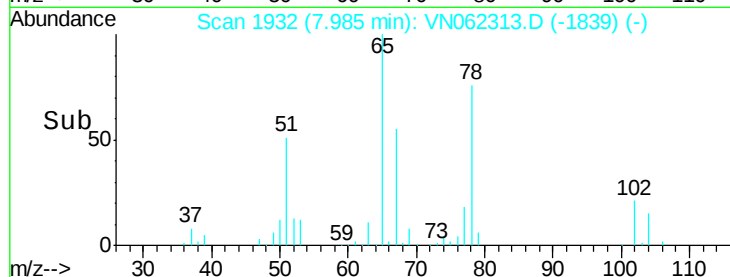
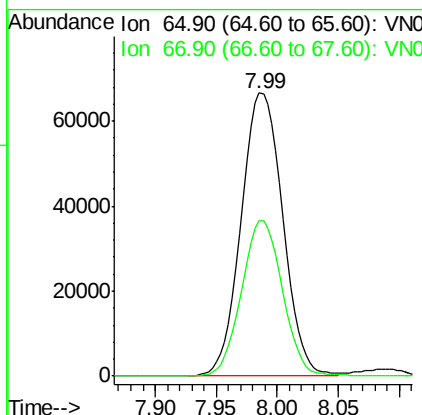
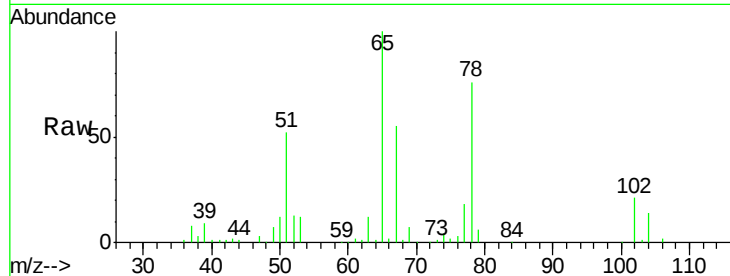
#33
 1,2-Dichloroethane-d4
 Concen: 57.618 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062313.D
 Acq: 2 Jul 2020 1:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBSD02

Tot Ion: 65 Resp: 157611
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 106.2

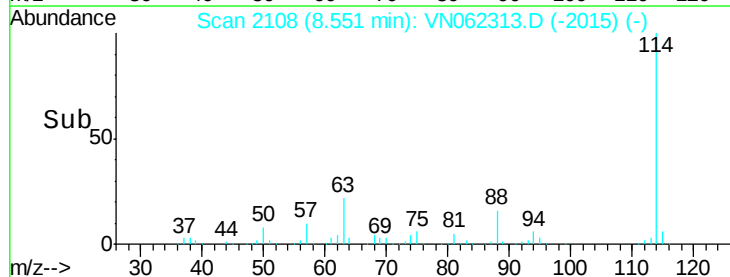
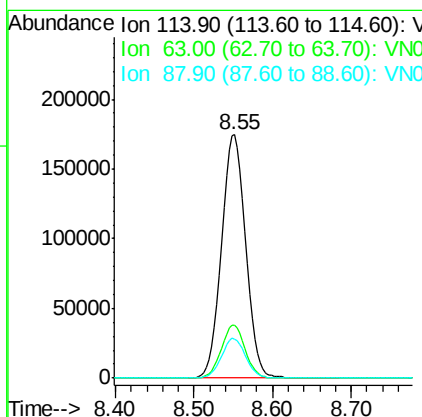
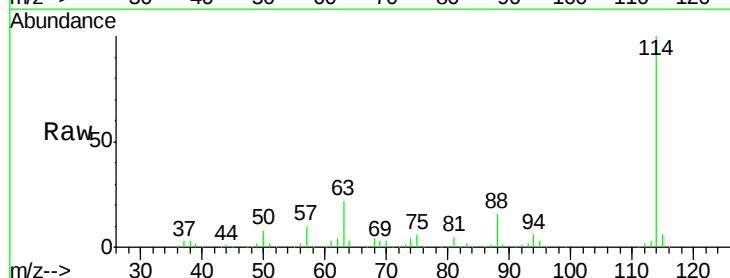
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062313.D
 Acq: 2 Jul 2020 1:32

Tgt Ion: 114 Resp: 369744
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 39.2
 88 16.1 0.0 30.8





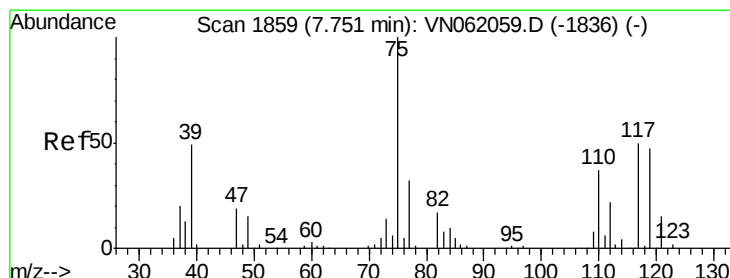
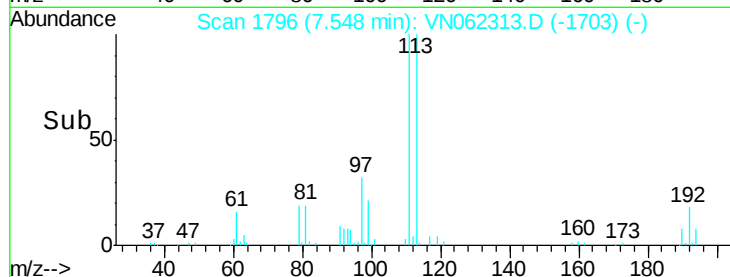
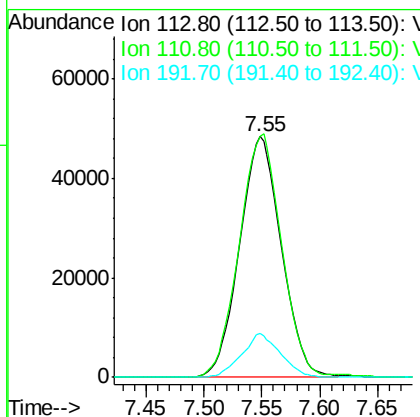
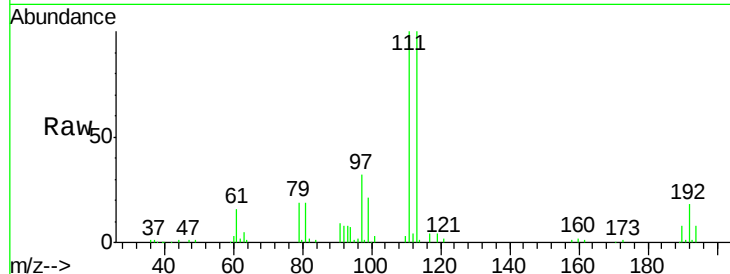
#35
 Dibromofluoromethane
 Concen: 51.074 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062313.D
 Acq: 2 Jul 2020 1:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	121153		
111	103.2	82.2	123.4	
192	16.7	14.0	21.0	

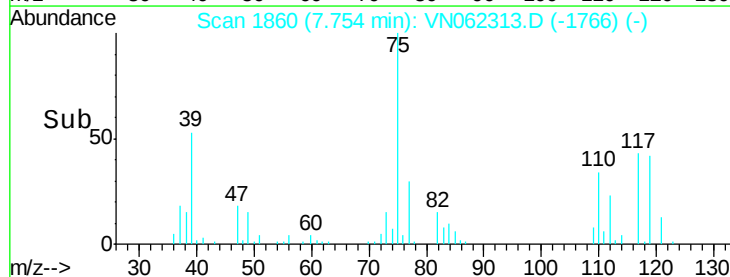
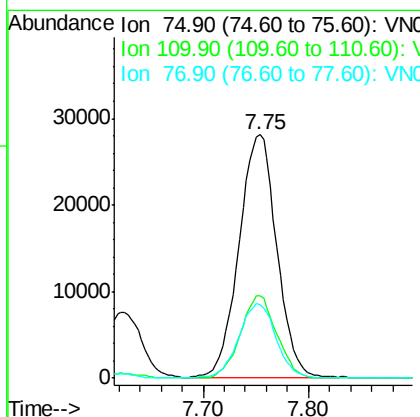
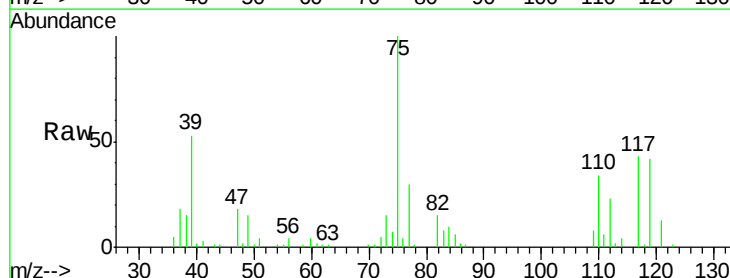
Manual Integrations
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#36
 1,1-Dichloropropene
 Concen: 18.941 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN062313.D
 Acq: 2 Jul 2020 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	70395		
110	32.2	17.9	53.8	
77	30.2	24.9	37.3	





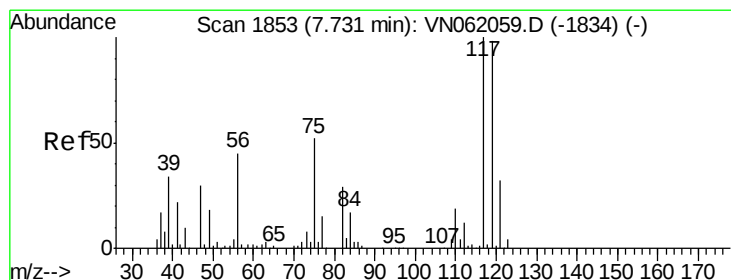
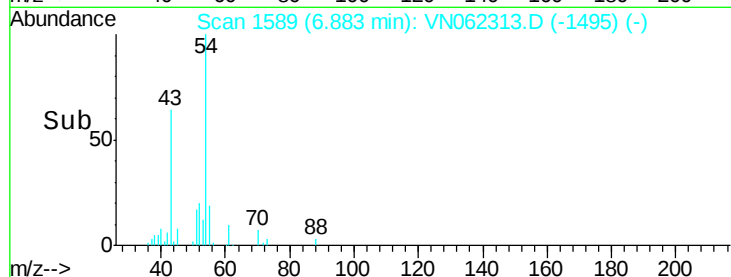
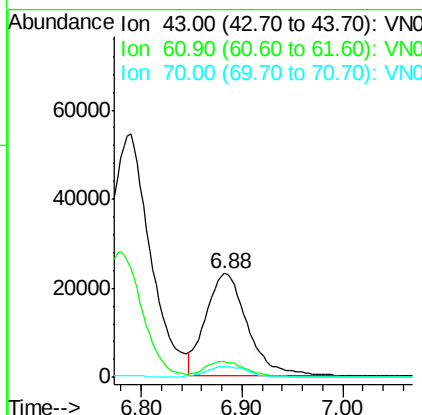
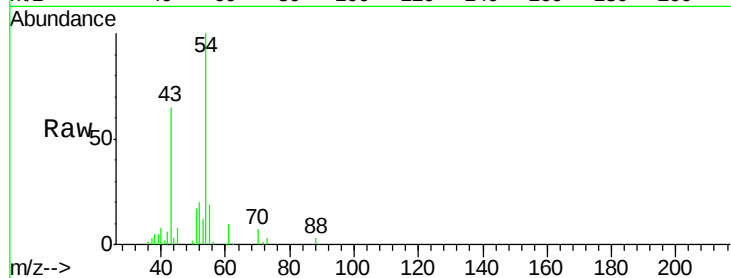
#37
Ethyl Acetate
Concen: 21.339 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN062313.D
Acq: 2 Jul 2020 1:32

Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.0	12.0	18.0
70	10.9	9.6	14.4

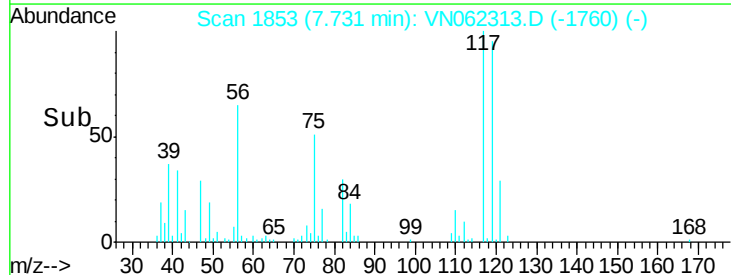
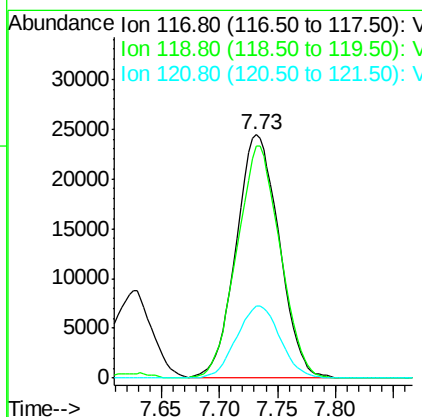
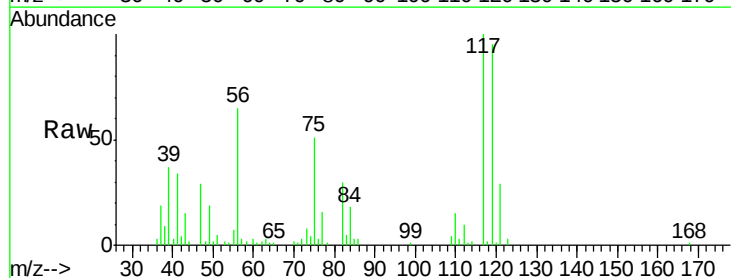
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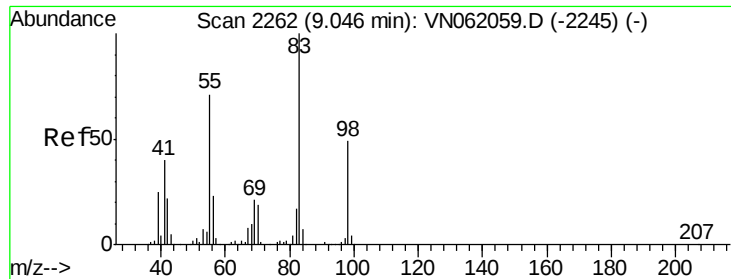
MMDadoda
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#38
Carbon Tetrachloride
Concen: 18.018 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062313.D
Acq: 2 Jul 2020 1:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	78.2	117.2
121	29.4	25.8	38.6





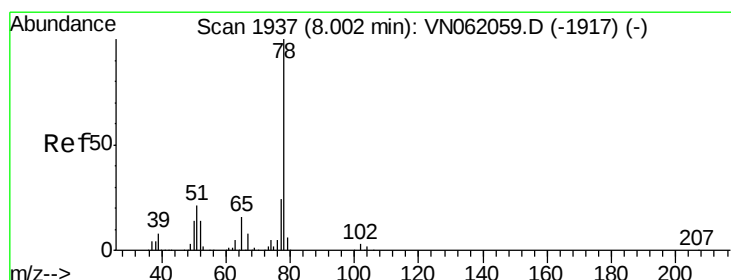
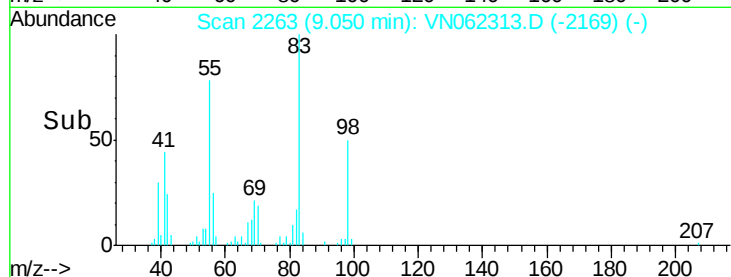
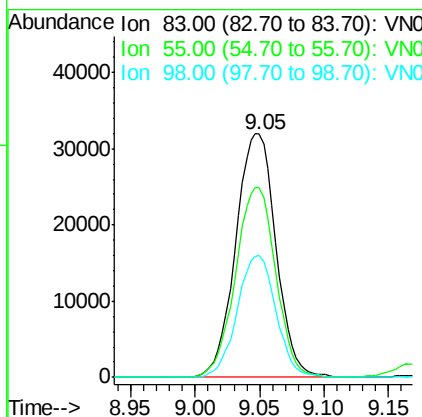
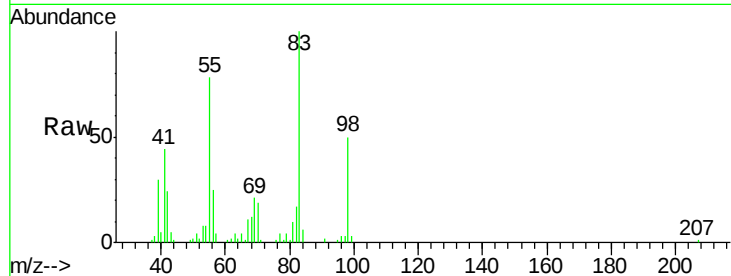
#39
Methvlcvclohexane
Concen: 17.018 ug/l
RT: 9.05 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VN062313.D
Acq: 2 Jul 2020 1:32

Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD02

Tot Ion	83	Resp	69298
Ion Ratio	100	Lower	Upper
83	100		
55	78.2	57.0	85.6
98	49.9	39.0	58.6

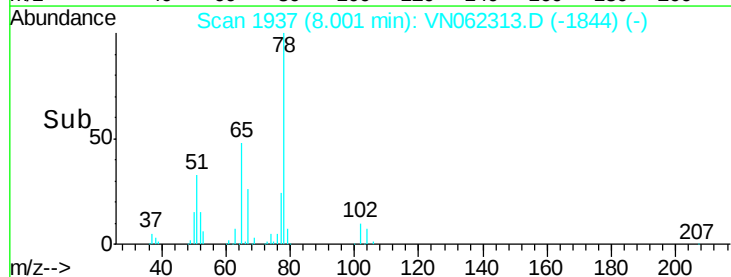
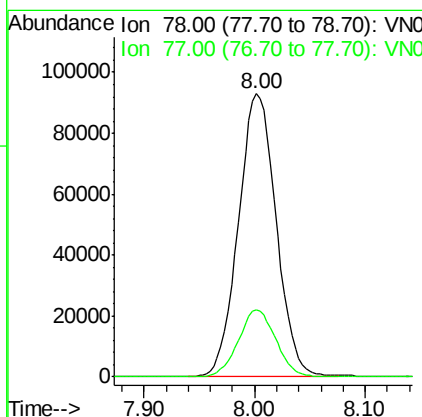
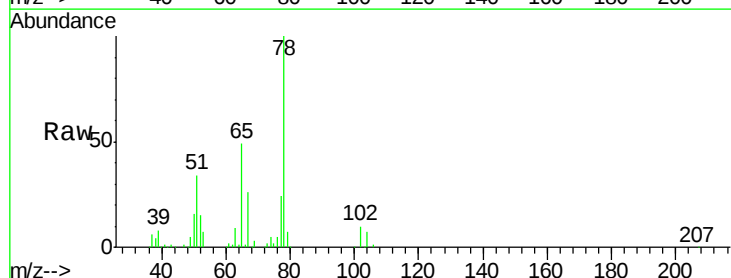
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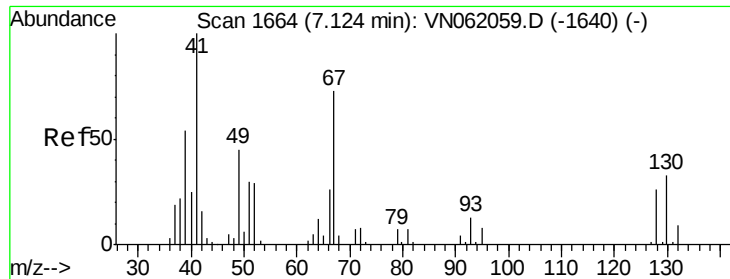
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#40
Benzene
Concen: 19.475 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062313.D
Acq: 2 Jul 2020 1:32

Tgt Ion	78	Resp	220607
Ion Ratio	100	Lower	Upper
78	100		
77	23.9	19.5	29.3





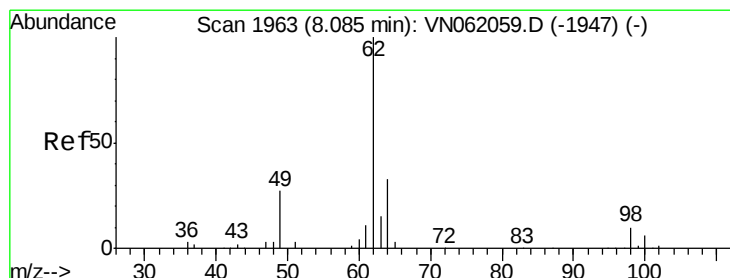
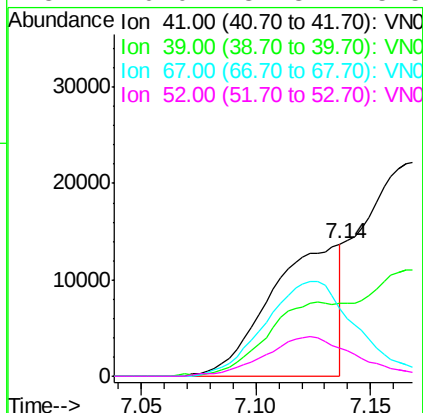
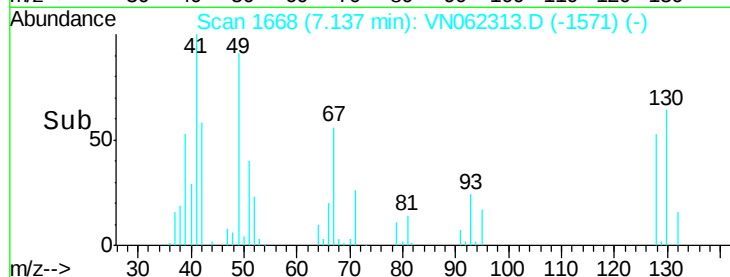
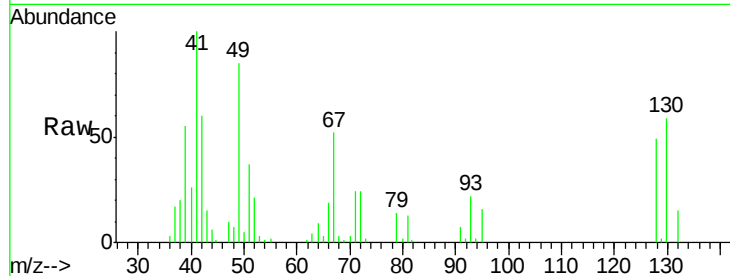
#41
Methacrylonitrile
Concen: 20.364 ug/l m
RT: 7.14 min Scan# 1668
Delta R.T. 0.01 min
Lab File: VN062313.D
Acq: 2 Jul 2020 1:32

Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD02

Tot Ion	41	Resp	29054
Ion	Ratio	Lower	Upper
41	100		
39	0.0	44.2	66.2#
67	0.0	79.5	119.3#
52	0.0	32.3	48.5#

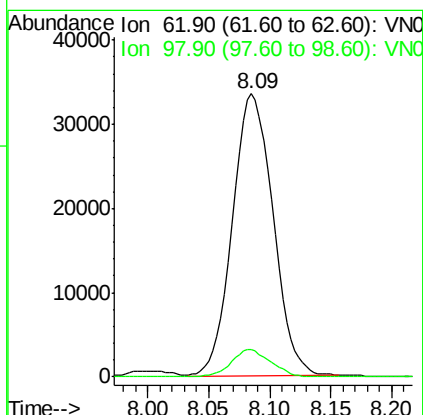
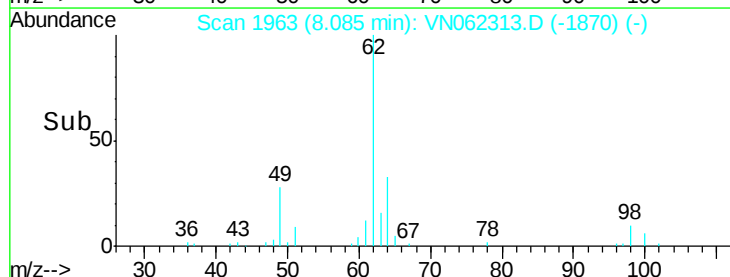
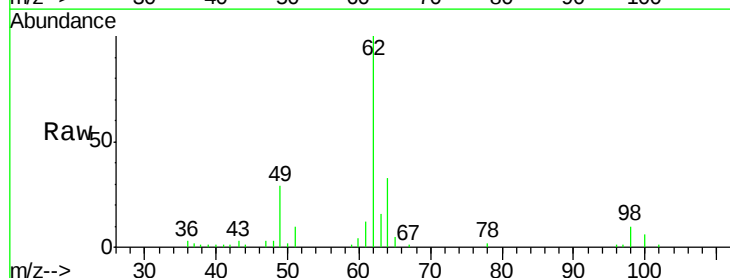
Manual Integrations
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#42
1,2-Dichloroethane
Concen: 20.219 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062313.D
Acq: 2 Jul 2020 1:32

Tgt Ion	62	Resp	77384
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.8





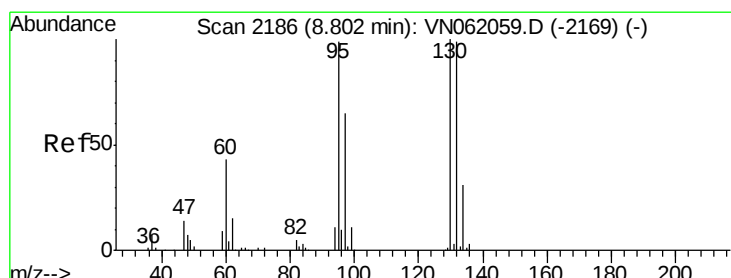
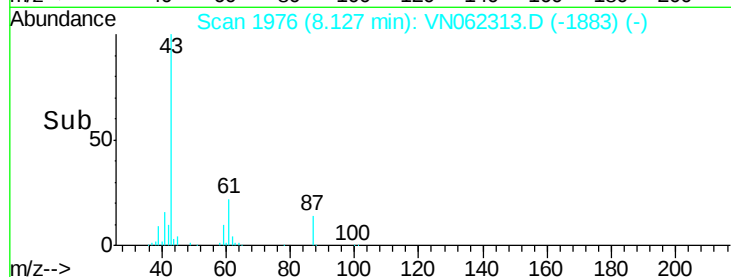
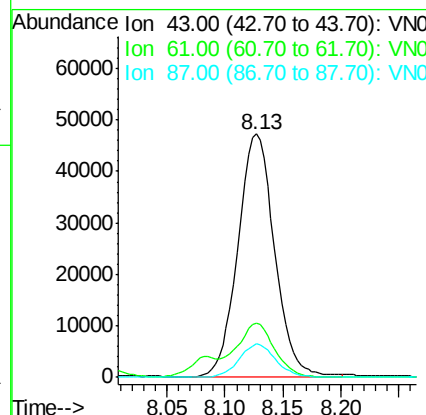
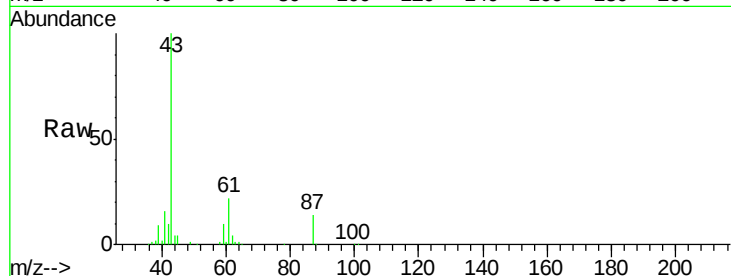
#43
Isopropyl Acetate
Concen: 20.804 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN062313.D
Acq: 2 Jul 2020 1:32

Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.8	17.2	25.8
87	13.4	12.1	18.1

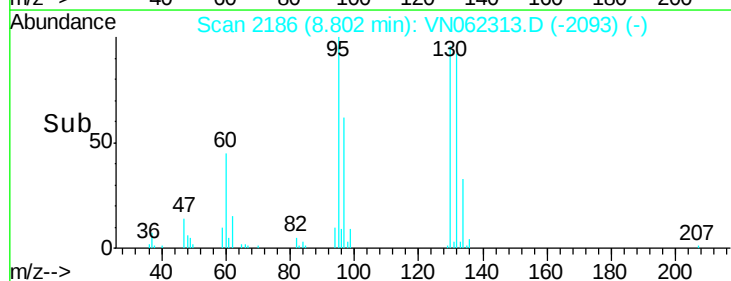
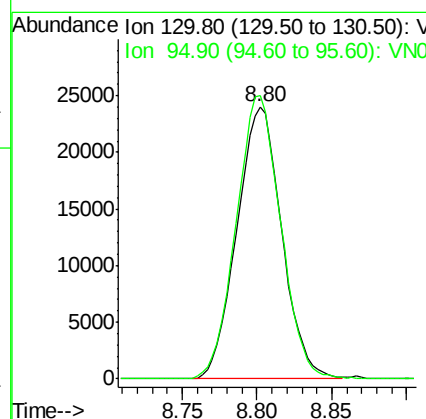
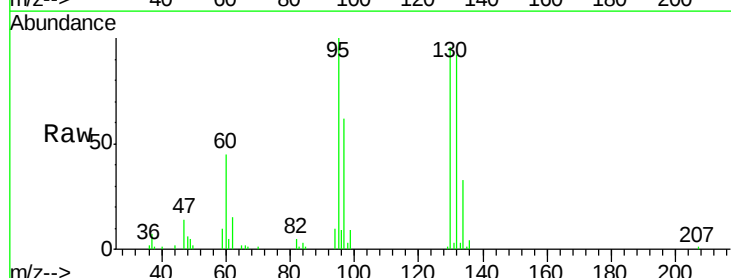
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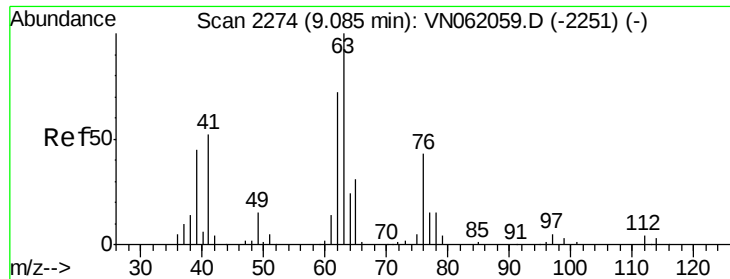
MMDadoda
7/2/2020 12:31:16 PM



#44
Trichloroethene
Concen: 17.508 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VN062313.D
Acq: 2 Jul 2020 1:32

Tgt Ion	Ratio	Lower	Upper
130	100		
95	104.1	0.0	197.8





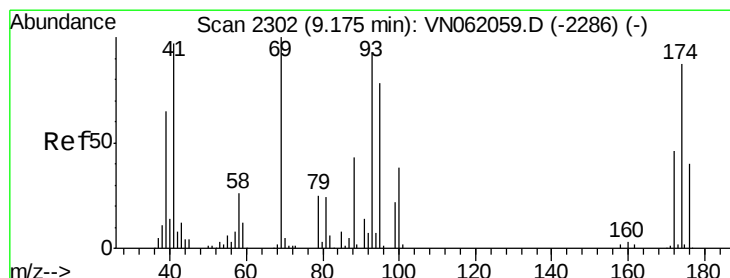
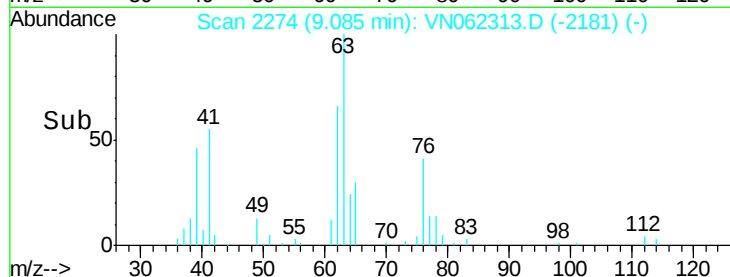
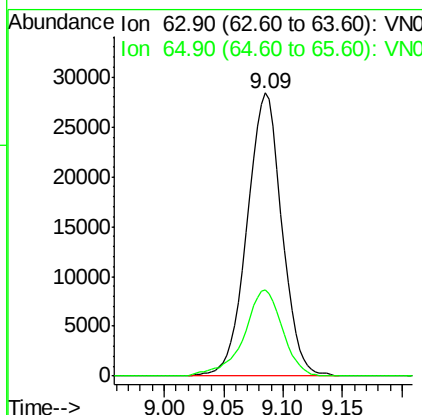
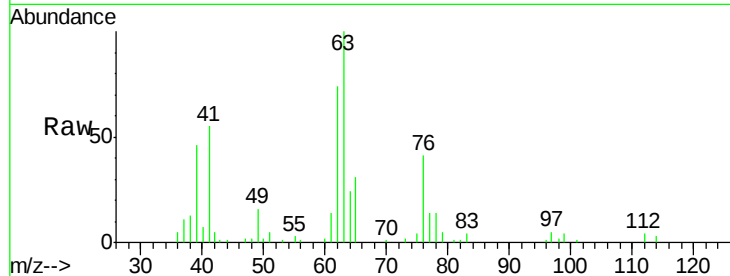
#45
 1,2-Dichloropropane
 Concen: 20.612 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062313.D
 Acq: 2 Jul 2020 1:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBSD02

Tot Ion: 63 Resp: 57601
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.0 37.4

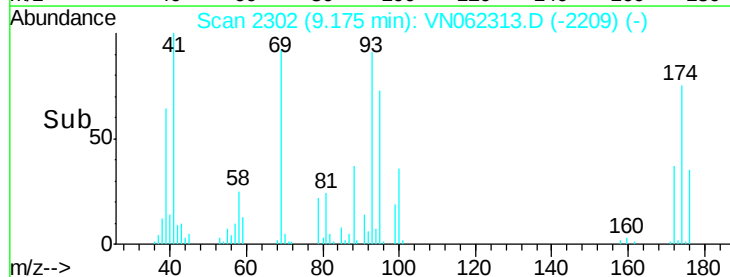
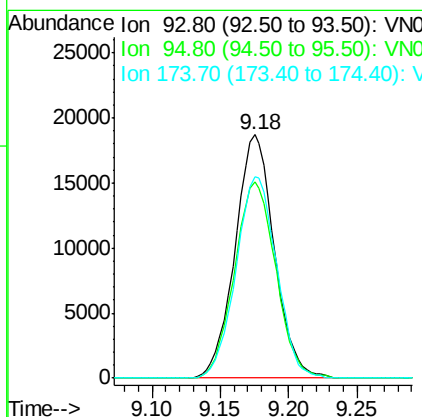
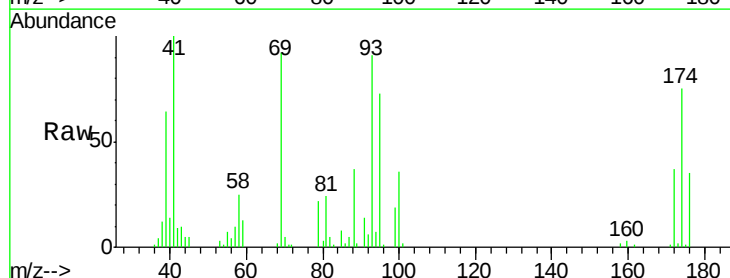
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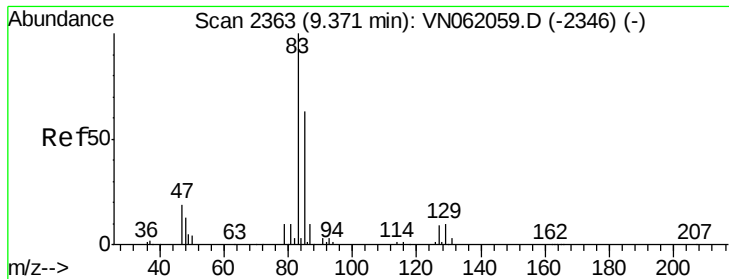
MMDadoda
 7/2/2020 12:31:16 PM



#46
 Dibromomethane
 Concen: 19.717 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062313.D
 Acq: 2 Jul 2020 1:32

Tgt Ion: 93 Resp: 37358
 Ion Ratio Lower Upper
 93 100
 95 84.6 67.0 100.6
 174 85.5 74.4 111.6





#47

Bromodichloromethane

Concen: 19.880 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062313.D

Acq: 2 Jul 2020 1:32

Instrument :

MSVOA_N

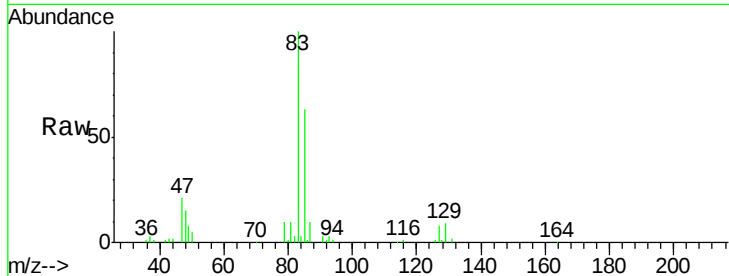
ClientSampled :

VN0701WBSD02

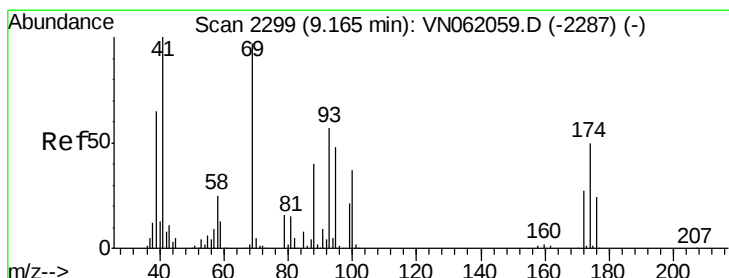
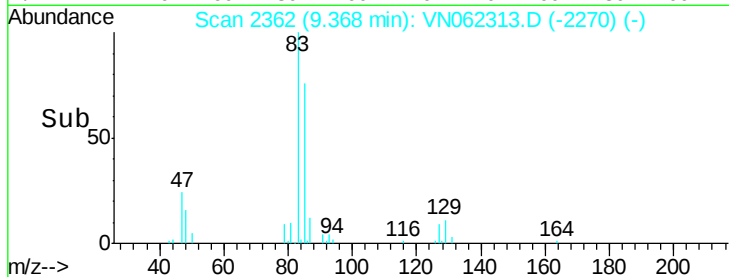
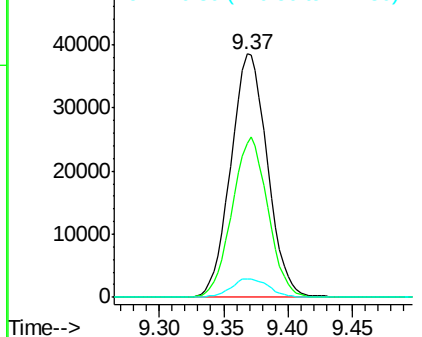
Tot Ion:	83	Resp:	76055
Ion Ratio	Lower	Upper	
83	100		
85	63.5	50.3	75.5
127	7.6	6.9	10.3

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VN062313.D (-2270) (-)



#48

Methyl methacrylate

Concen: 21.079 ug/l

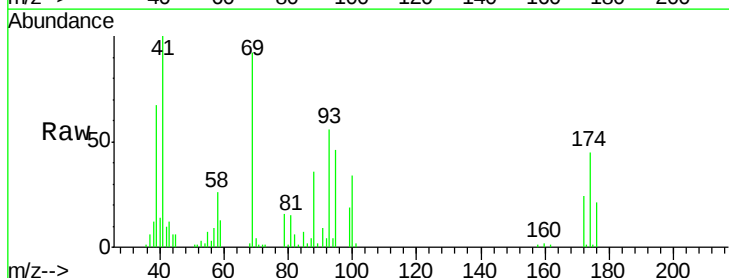
RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

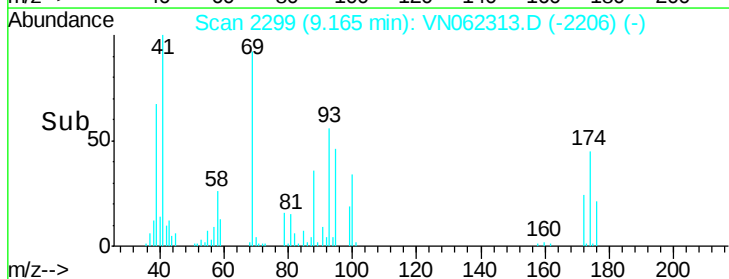
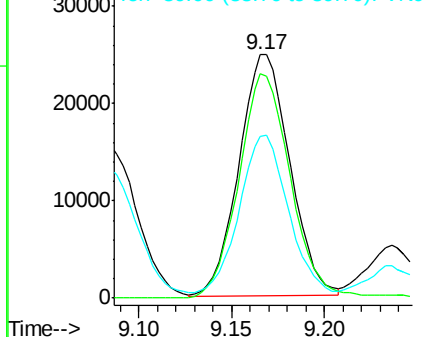
Lab File: VN062313.D

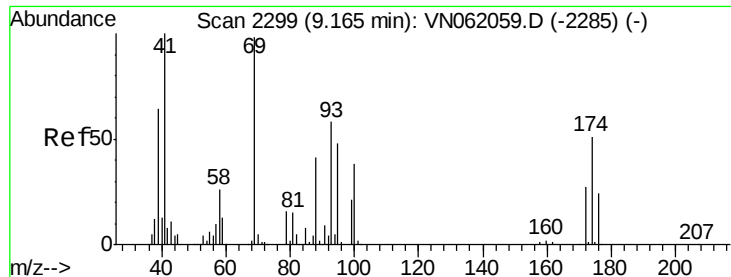
Acq: 2 Jul 2020 1:32

Tgt Ion:	41	Resp:	47414
Ion Ratio	Lower	Upper	
41	100		
69	94.2	80.7	121.1
39	66.0	54.5	81.7



Abundance Ion 41.00 (40.70 to 41.70): VN062313.D (-2206) (-)





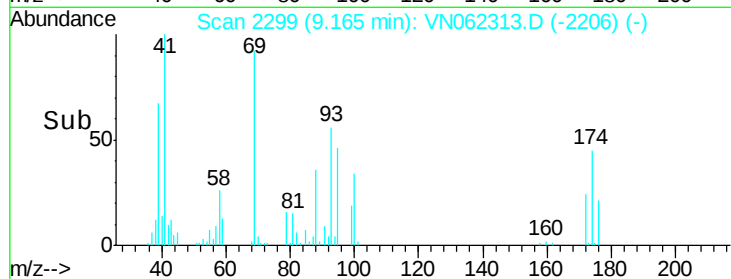
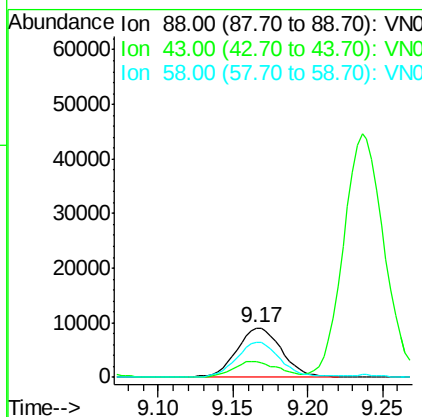
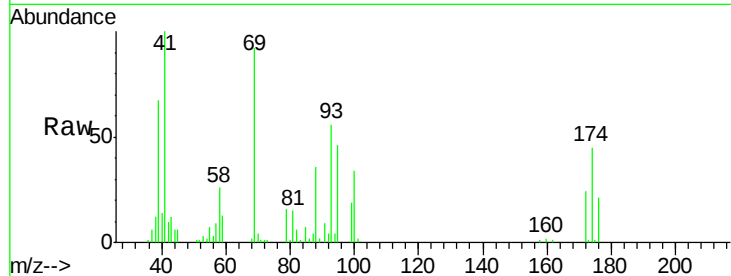
#49
1,4-Dioxane
Concen: 379.913 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062313.D
Acq: 2 Jul 2020 1:32

Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.6	22.0	33.0
58	69.1	49.2	73.8

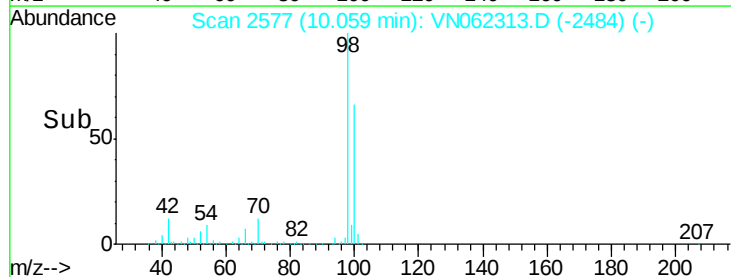
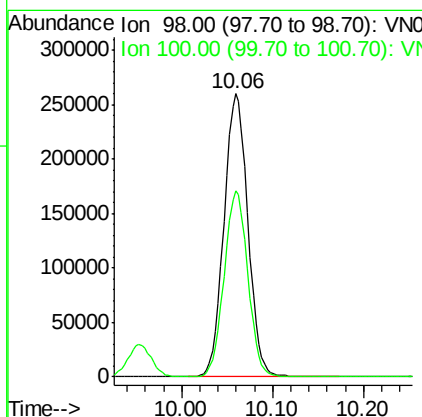
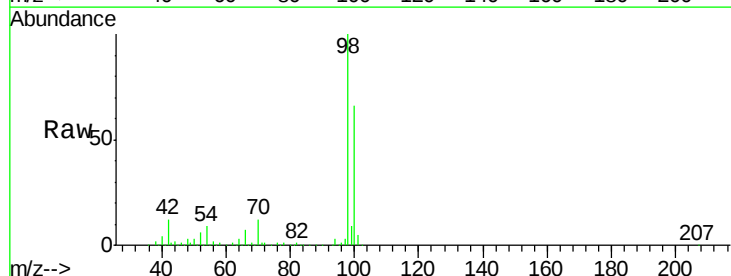
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#50
Toluene-d8
Concen: 50.142 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062313.D
Acq: 2 Jul 2020 1:32

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.2	76.8





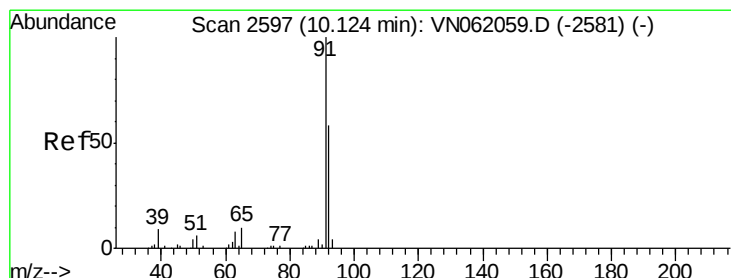
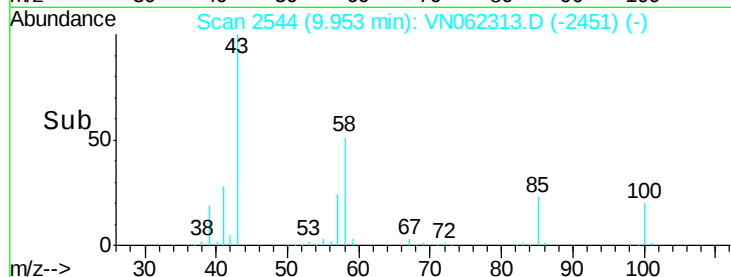
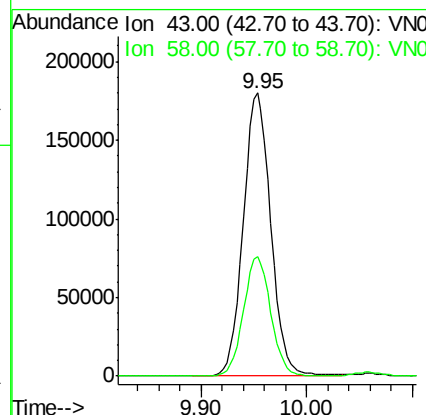
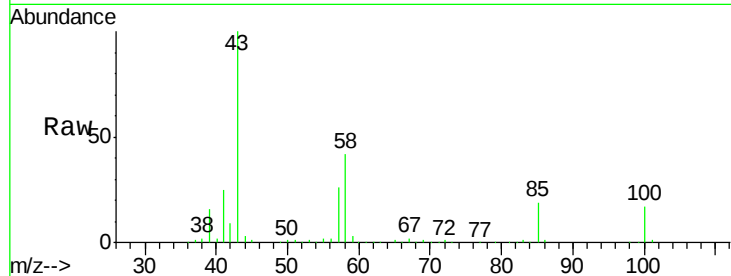
#51
4-Methyl-2-Pentanone
Concen: 111.278 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. -0.00 min
Lab File: VN062313.D
Acq: 2 Jul 2020 1:32

Instrument :
MSVOA_N
ClientSampled :
VN0701WBSD02

Tot Ion: 43 Resp: 326163
Ion Ratio Lower Upper
43 100
58 41.9 34.2 51.2

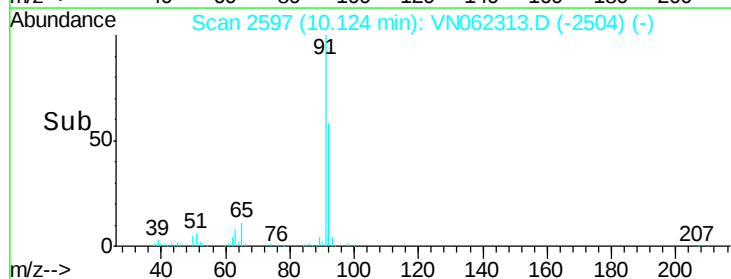
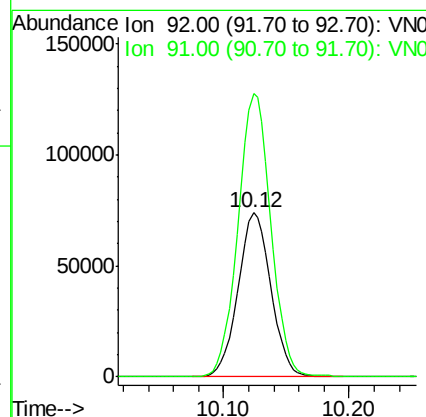
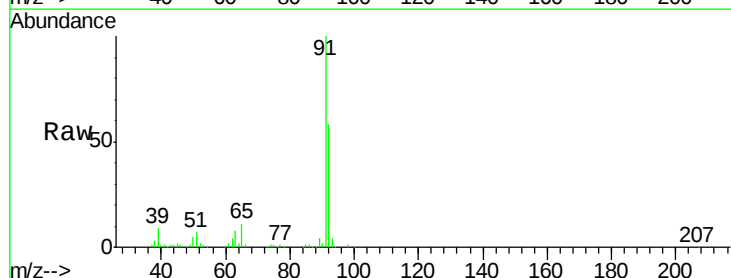
Manual Integrations
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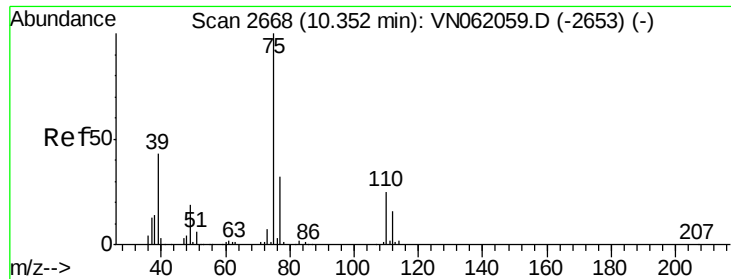
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#52
Toluene
Concen: 19.406 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN062313.D
Acq: 2 Jul 2020 1:32

Tgt Ion: 92 Resp: 134128
Ion Ratio Lower Upper
92 100
91 172.7 137.4 206.0





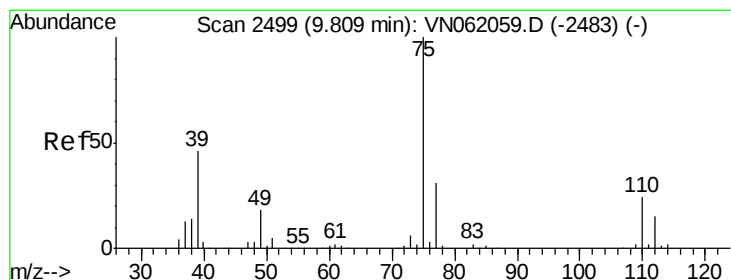
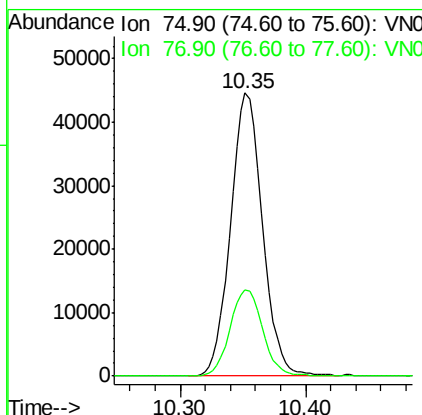
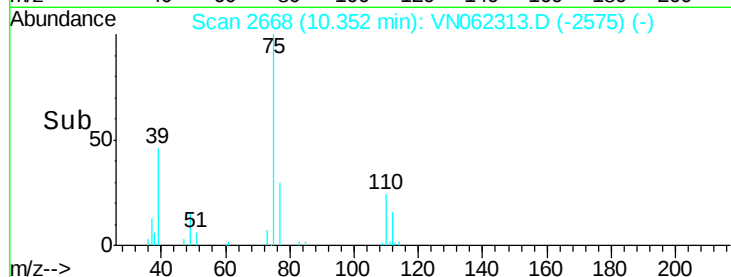
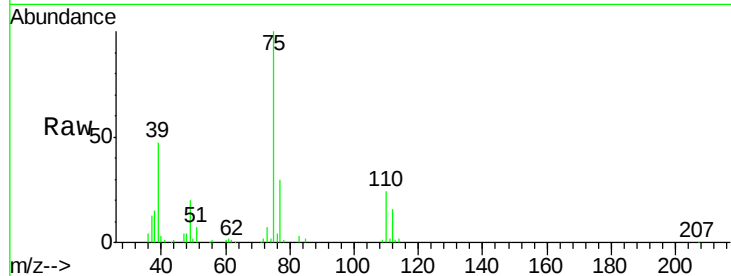
#53
 t-1,3-Dichloropropene
 Concen: 18.738 ug/l
 RT: 10.35 min Scan# 2668
 Delta R.T. -0.00 min
 Lab File: VN062313.D
 Acq: 2 Jul 2020 1:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBSD02

Tot Ion: 75 Resp: 78868
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.5 38.3

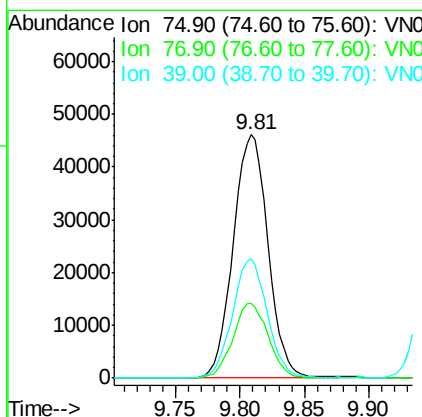
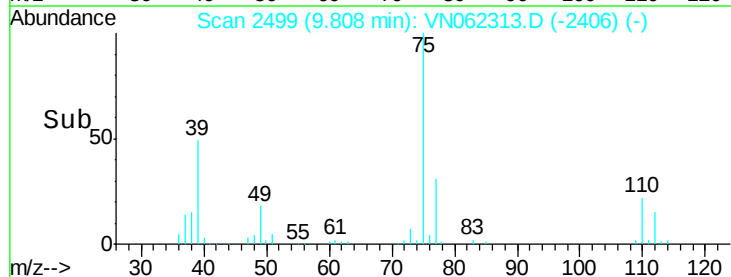
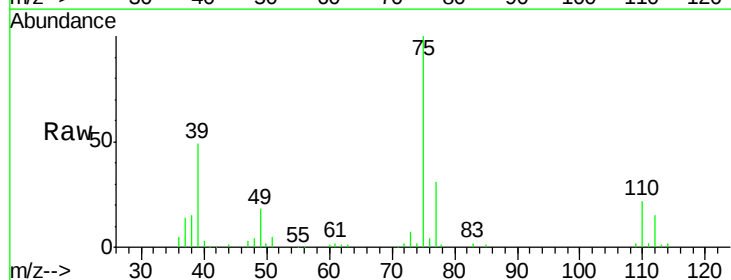
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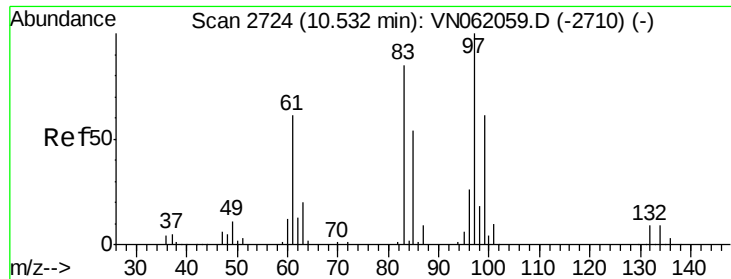
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#54
 cis-1,3-Dichloropropene
 Concen: 19.350 ug/l
 RT: 9.81 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: VN062313.D
 Acq: 2 Jul 2020 1:32

Tgt Ion: 75 Resp: 86711
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.0 37.6
 39 49.3 36.9 55.3





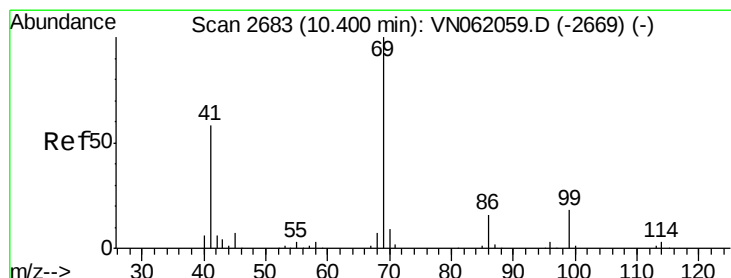
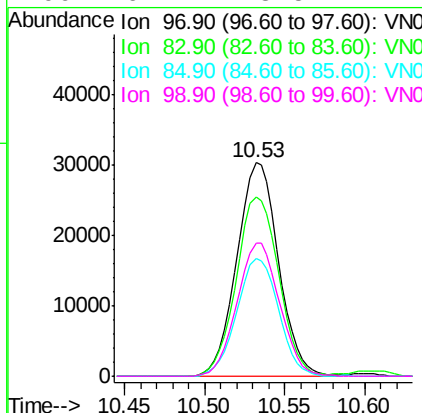
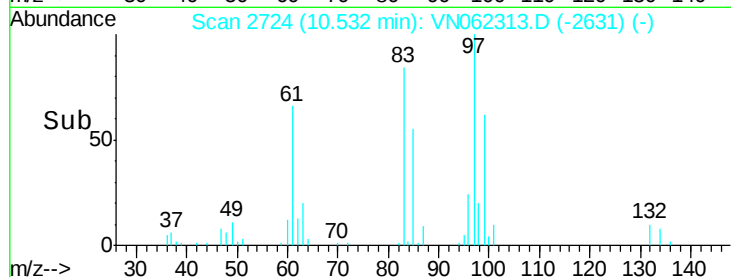
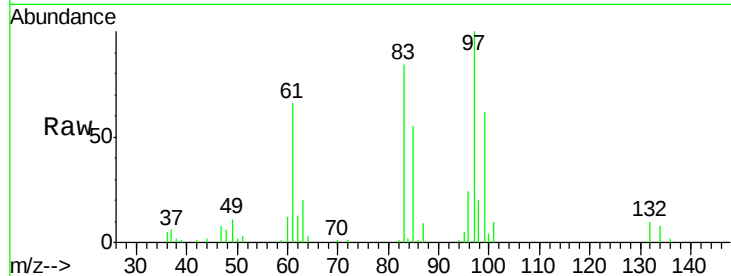
#55
 1,1,2-Trichloroethane
 Concen: 19.882 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062313.D
 Acq: 2 Jul 2020 1:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBSD02

Tot Ion:	97	Resp:	54018
Ion	Ratio	Lower	Upper
97	100		
83	84.1	68.2	102.2
85	55.4	43.2	64.8
99	62.1	48.5	72.7

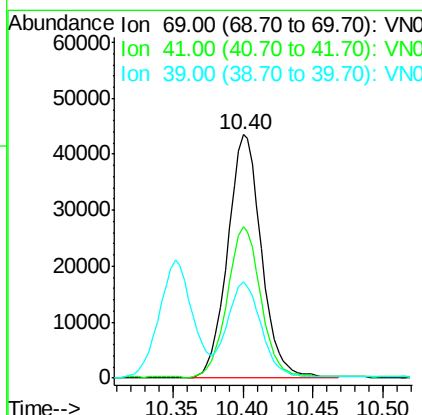
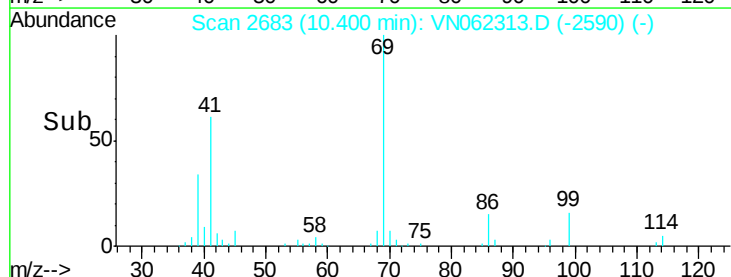
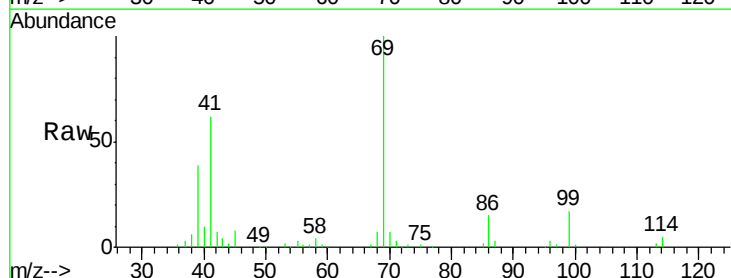
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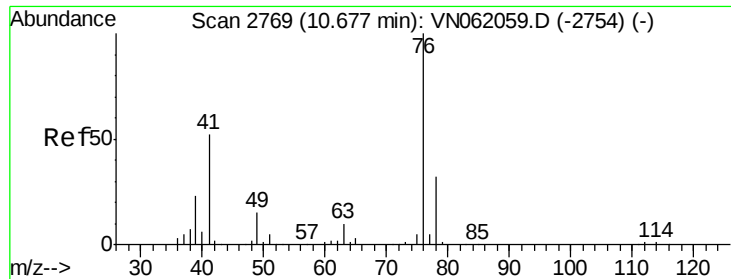
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#56
 Ethyl methacrylate
 Concen: 20.167 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062313.D
 Acq: 2 Jul 2020 1:32

Tgt Ion:	69	Resp:	73121
Ion	Ratio	Lower	Upper
69	100		
41	62.6	46.6	70.0
39	39.1	31.0	46.4





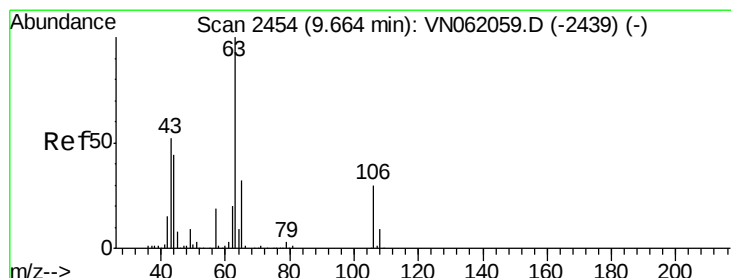
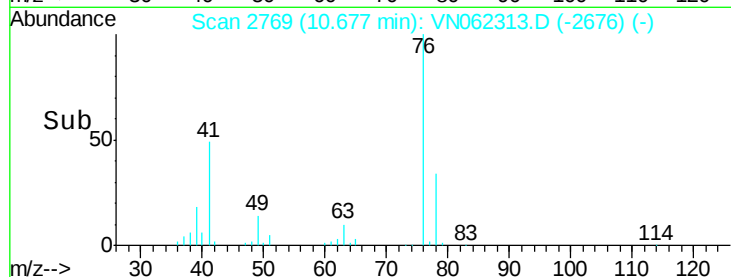
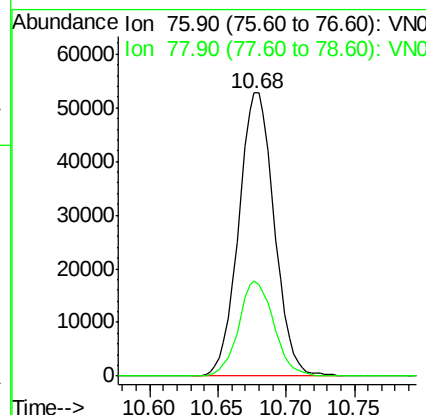
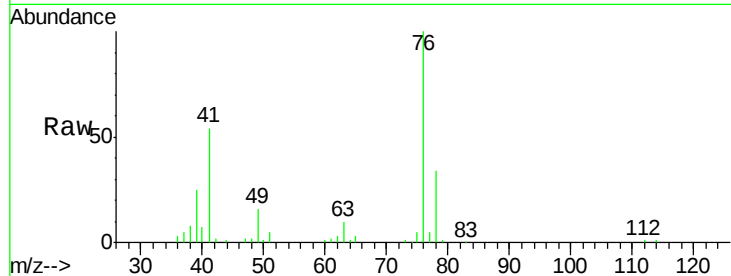
#57
 1,3-Dichloropropane
 Concen: 20.461 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062313.D
 Acq: 2 Jul 2020 1:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBSD02

Tot Ion: 76 Resp: 95685
 Ion Ratio Lower Upper
 76 100
 78 33.1 25.8 38.8

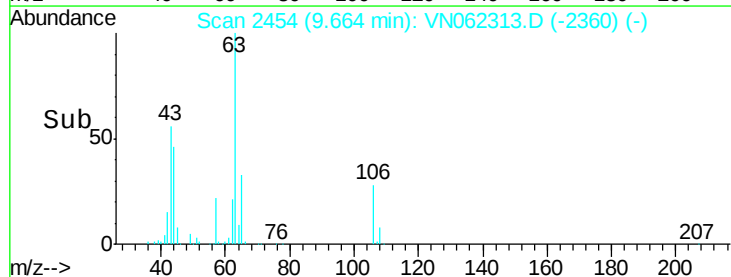
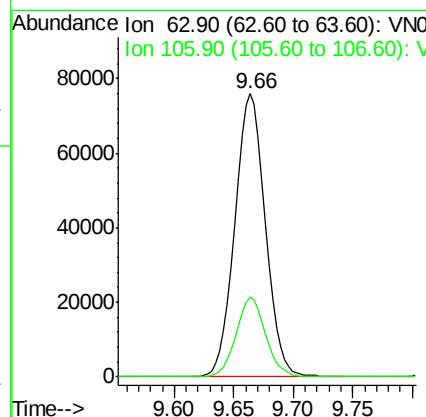
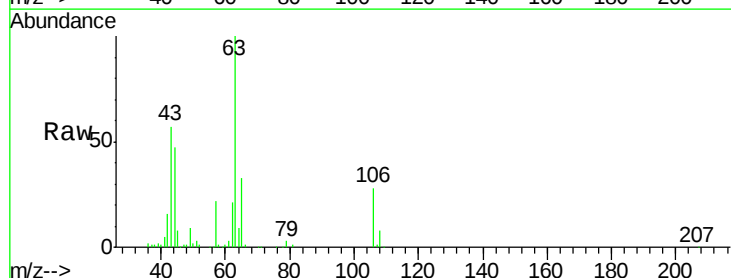
Manual Integrations
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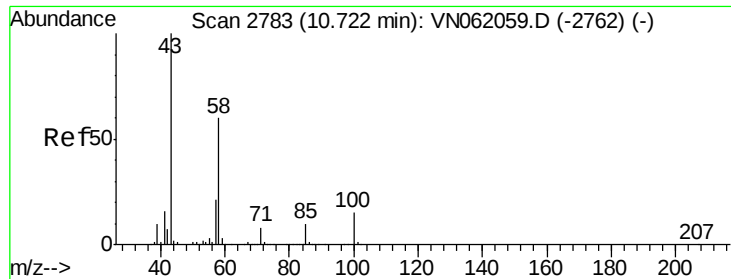
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#58
 2-Chloroethyl Vinyl ether
 Concen: 97.843 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062313.D
 Acq: 2 Jul 2020 1:32

Tgt Ion: 63 Resp: 134870
 Ion Ratio Lower Upper
 63 100
 106 27.1 23.2 34.8





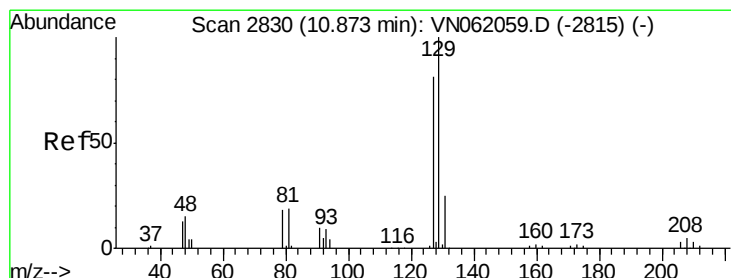
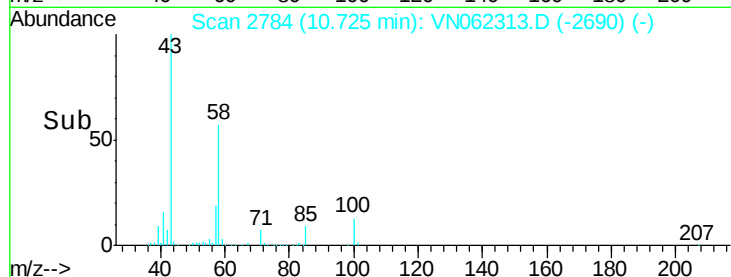
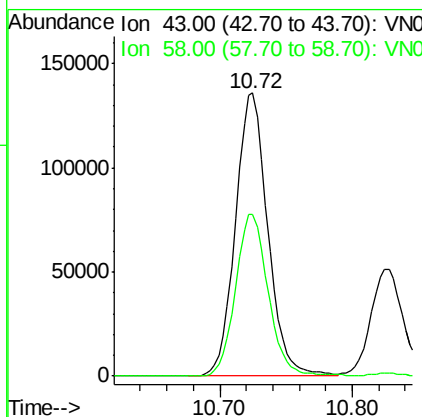
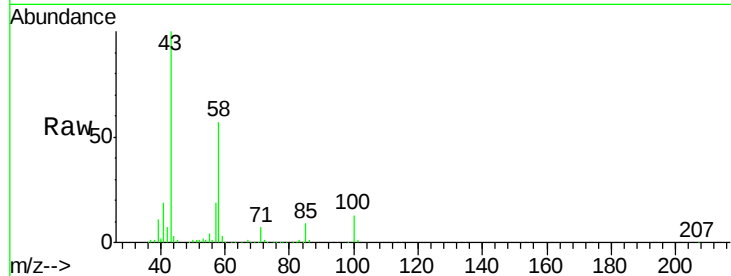
#59
2-Hexanone
Concen: 108.868 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062313.D
Acq: 2 Jul 2020 1:32

Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD02

Tot Ion: 43 Resp: 230421
Ion Ratio Lower Upper
43 100
58 57.9 29.5 88.5

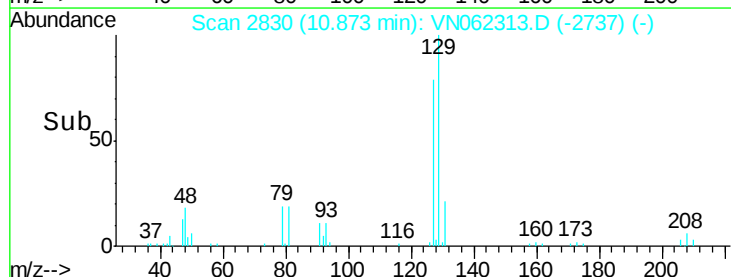
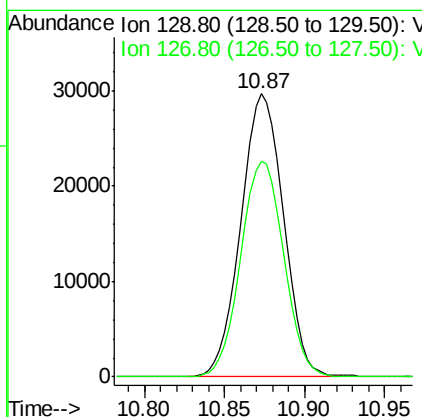
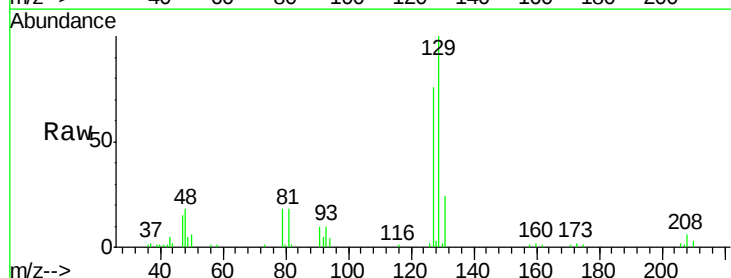
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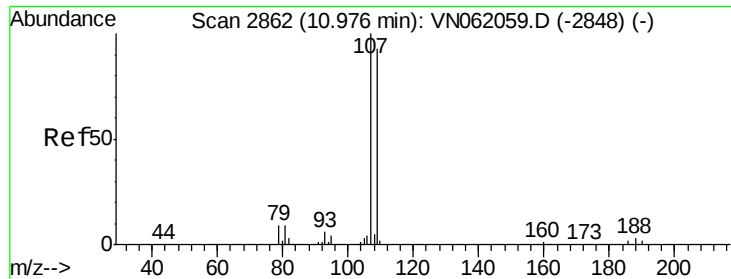
MMDadoda
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#60
Dibromochloromethane
Concen: 18.812 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062313.D
Acq: 2 Jul 2020 1:32

Tgt Ion:129 Resp: 54110
Ion Ratio Lower Upper
129 100
127 76.9 39.5 118.5





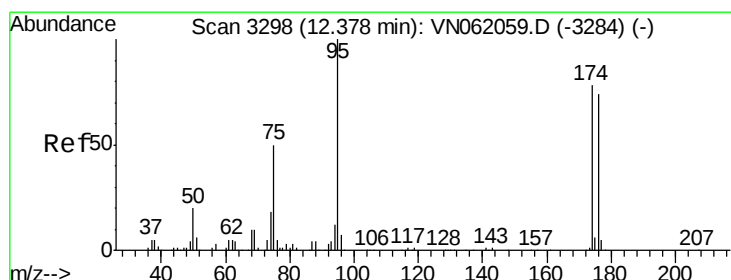
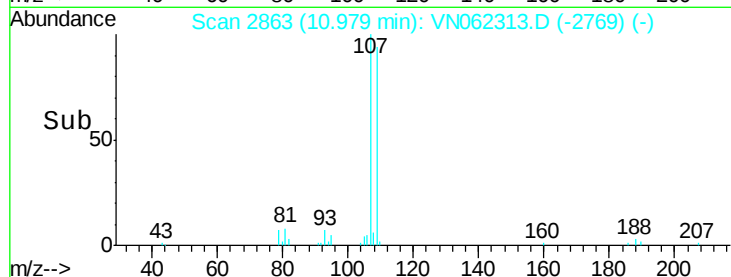
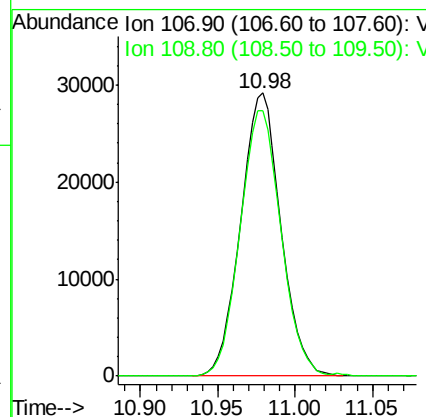
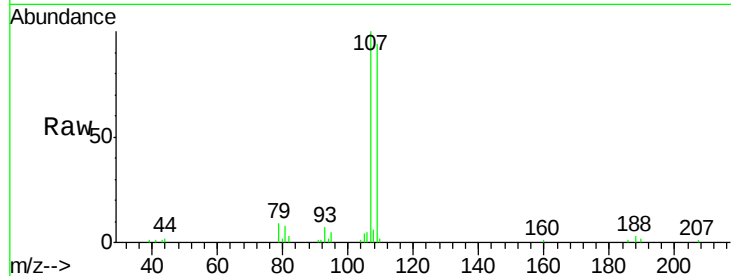
#61
 1,2-Dibromoethane
 Concen: 18.855 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062313.D
 Acq: 2 Jul 2020 1:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBSD02

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.8	75.0	112.6

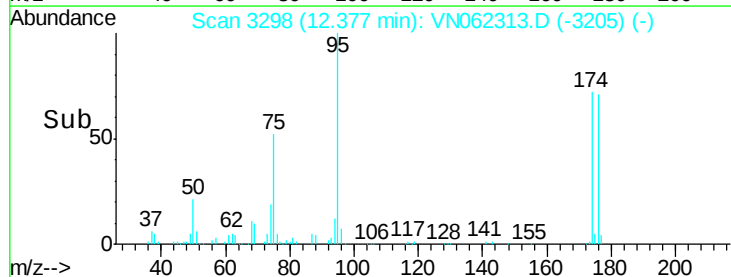
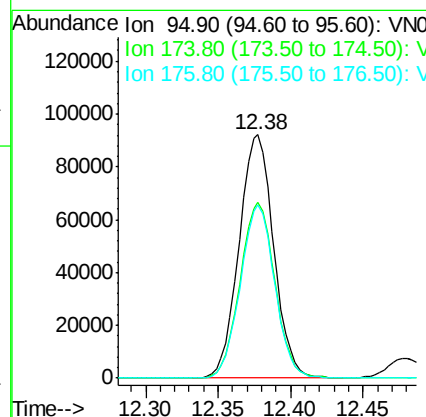
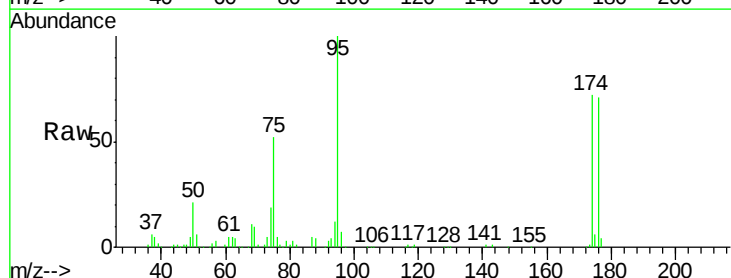
Manual Integrations
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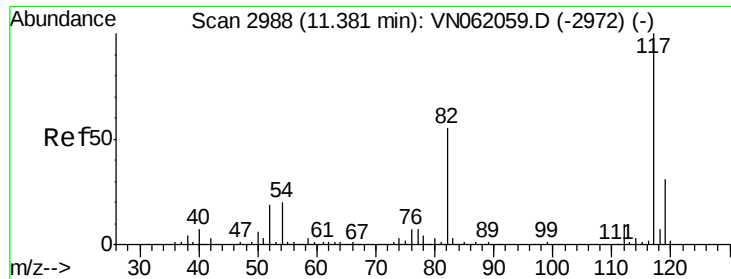
MMDadoda
 7/2/2020 12:31:16 PM



#62
 4-Bromofluorobenzene
 Concen: 47.801 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062313.D
 Acq: 2 Jul 2020 1:32

Tgt Ion	Ratio	Lower	Upper
95	100		
174	72.6	0.0	154.8
176	70.4	0.0	147.4





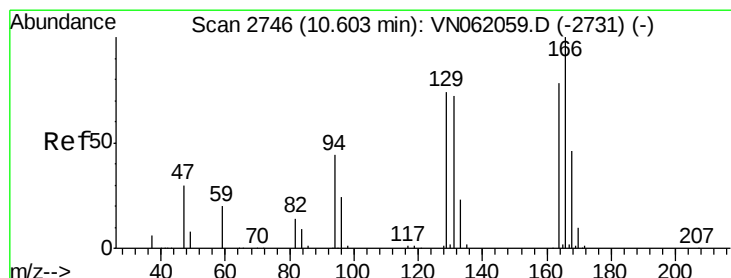
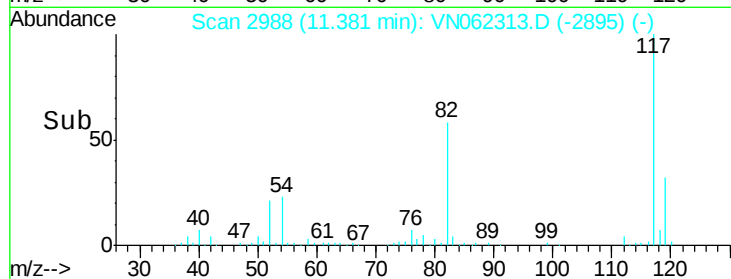
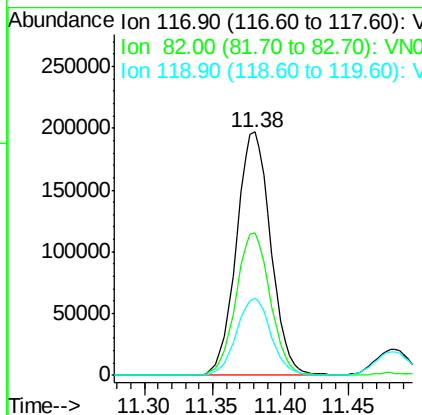
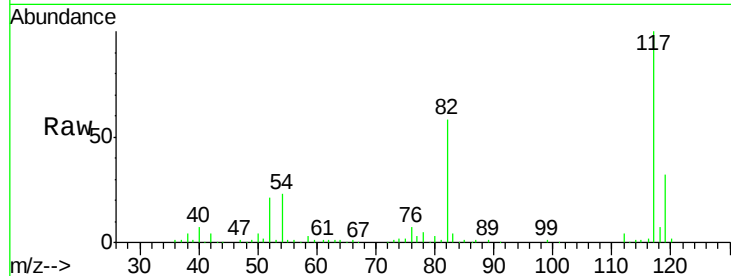
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062313.D
Acq: 2 Jul 2020 1:32

Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.3	43.8	65.8
119	31.8	25.2	37.8

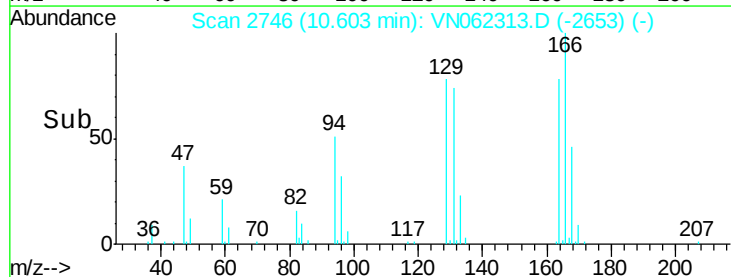
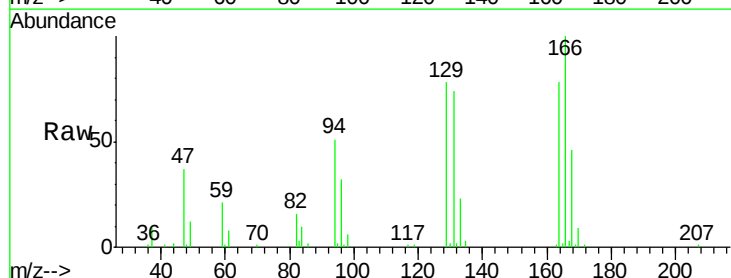
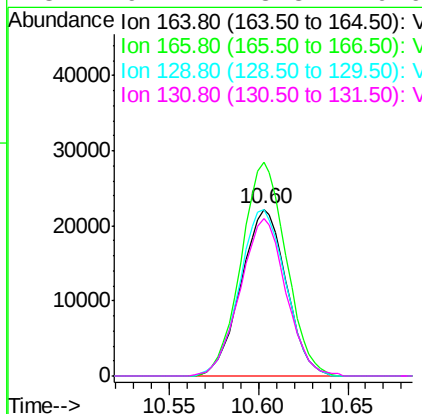
Manual Integrations
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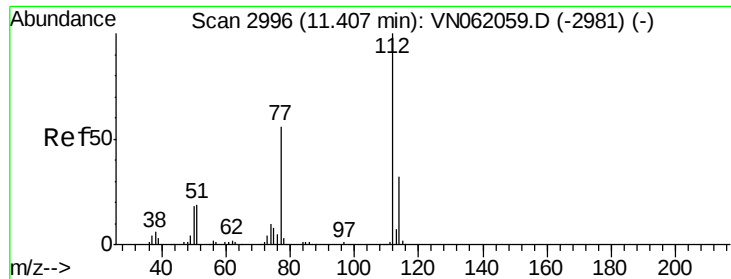
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#64
Tetrachloroethene
Concen: 16.692 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062313.D
Acq: 2 Jul 2020 1:32

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.1	102.9	154.3
129	100.0	75.8	113.8
131	94.2	73.8	110.6





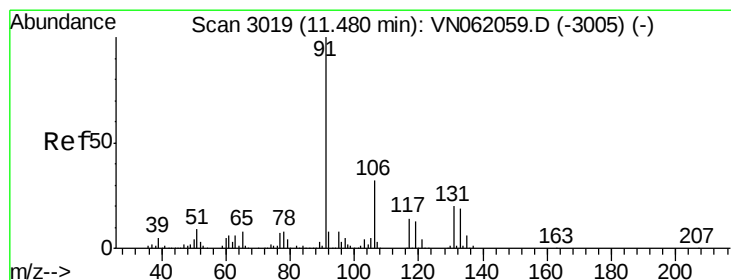
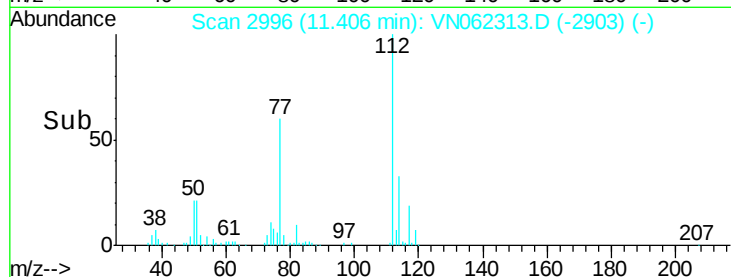
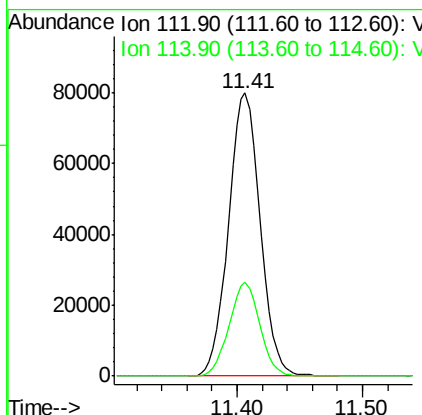
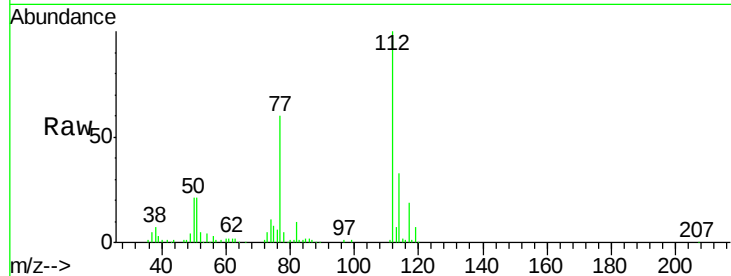
#65
Chlorobenzene
Concen: 18.457 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062313.D
Acq: 2 Jul 2020 1:32

Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD02

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.1	25.8	38.8

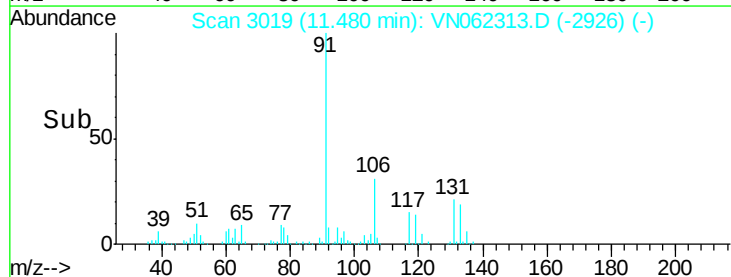
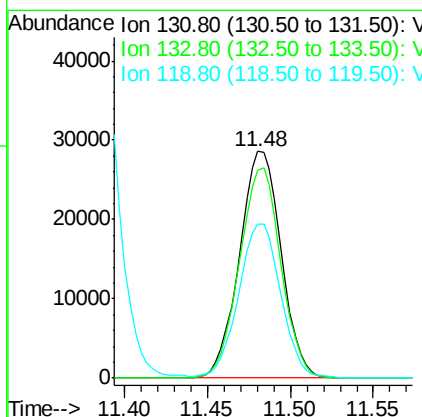
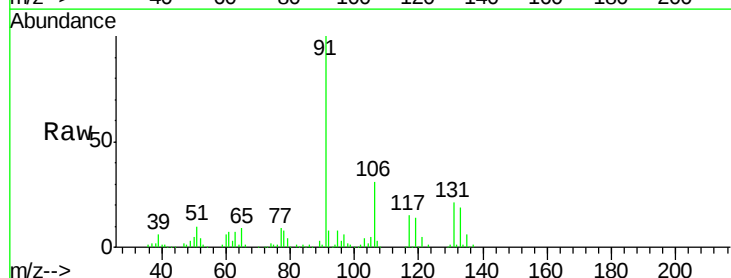
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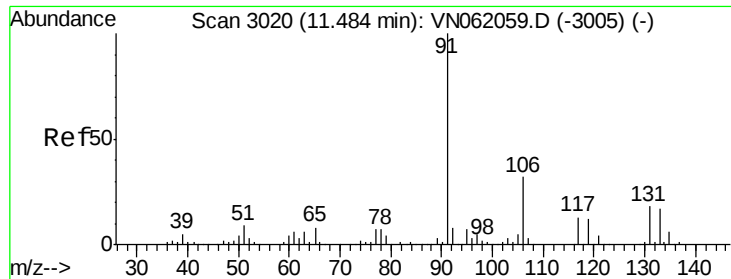
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.118 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062313.D
Acq: 2 Jul 2020 1:32

Tgt Ion	Ratio	Lower	Upper
131	100		
133	91.8	47.6	142.9
119	68.9	34.4	103.3





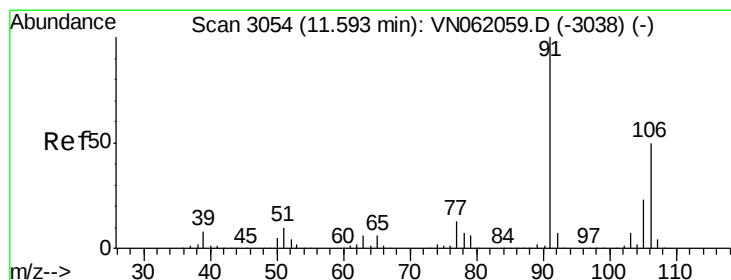
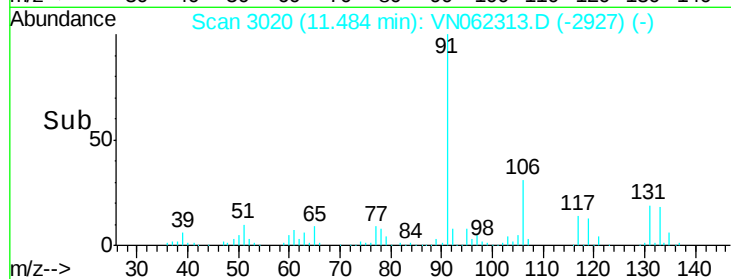
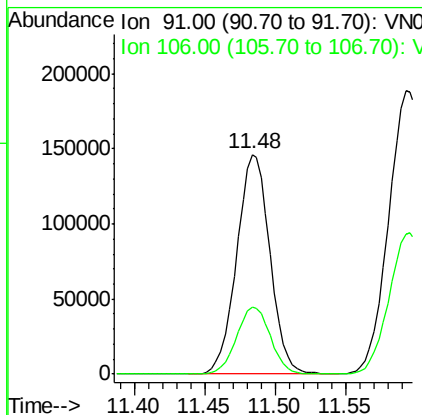
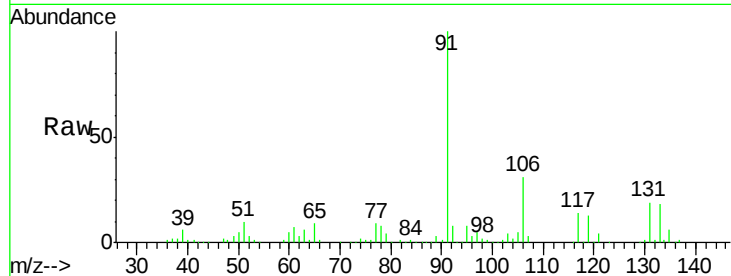
#67
Ethyl Benzene
Concen: 18.895 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062313.D
Acq: 2 Jul 2020 1:32

Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD02

Tot Ion: 91 Resp: 241381
Ion Ratio Lower Upper
91 100
106 30.8 25.3 37.9

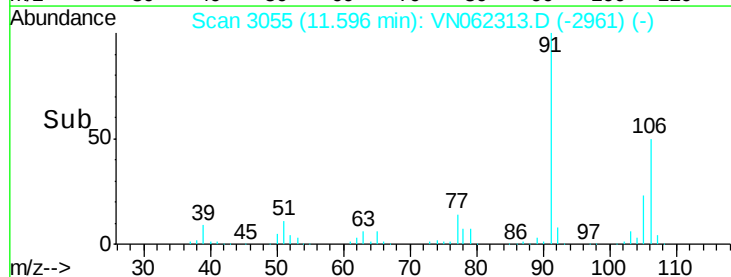
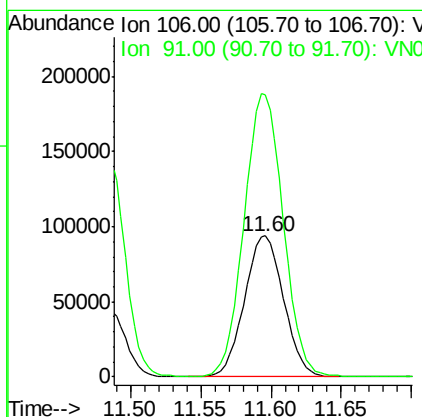
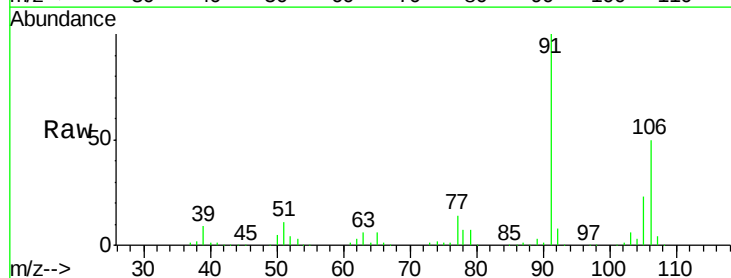
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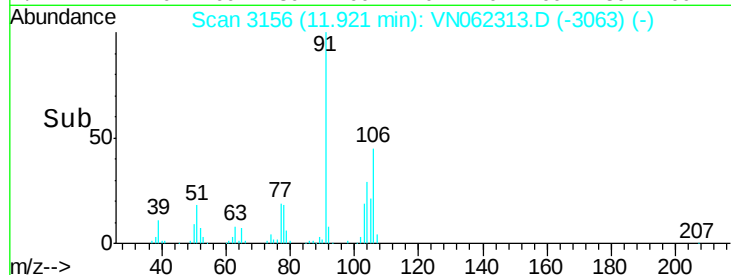
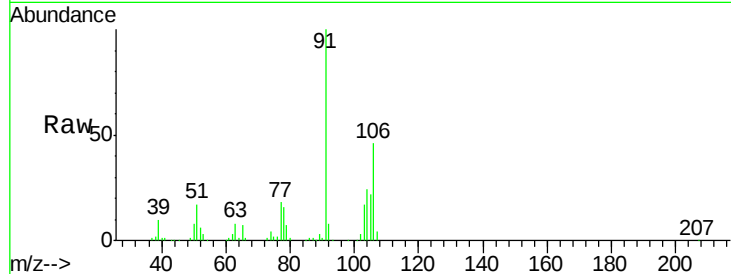
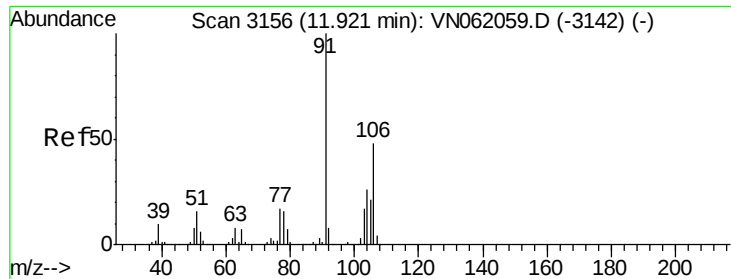
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#68
m/p-Xylenes
Concen: 36.937 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062313.D
Acq: 2 Jul 2020 1:32

Tgt Ion: 106 Resp: 182508
Ion Ratio Lower Upper
106 100
91 200.5 157.8 236.8





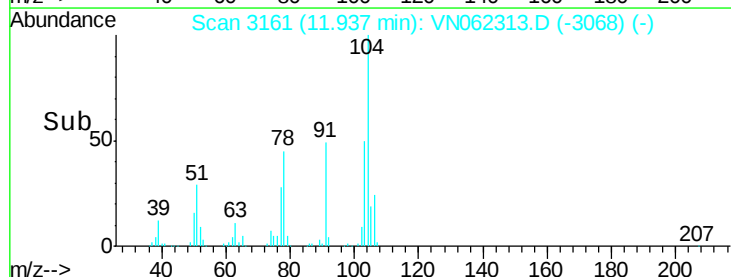
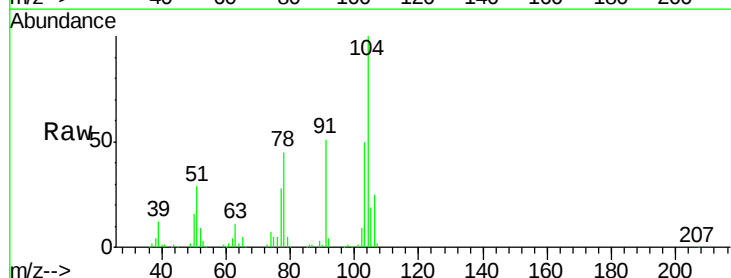
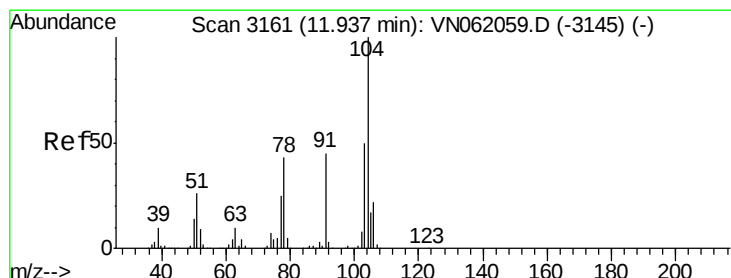
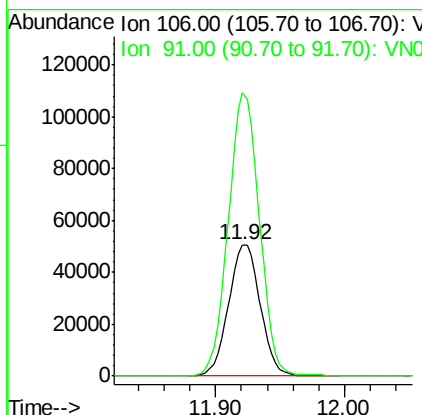
#69
o-Xylene
Concen: 18.493 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062313.D
Acq: 2 Jul 2020 1:32

Tot Ion:106 Resp: 86212
Ion Ratio Lower Upper
106 100
91 211.9 104.0 311.9

Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD02

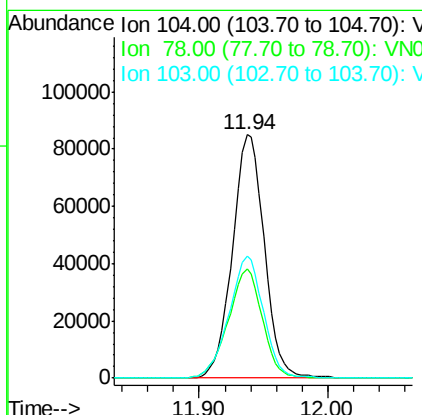
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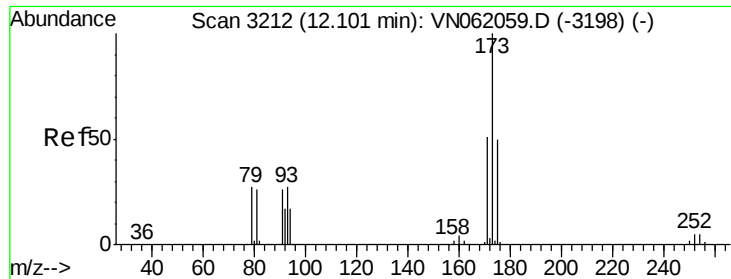
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#70
Styrene
Concen: 18.842 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062313.D
Acq: 2 Jul 2020 1:32

Tgt Ion:104 Resp: 146493
Ion Ratio Lower Upper
104 100
78 47.9 37.7 56.5
103 53.8 43.0 64.6





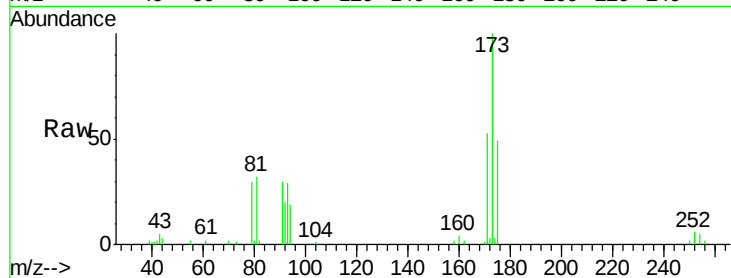
#71
Bromoform
Concen: 17.527 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN062313.D
Acq: 2 Jul 2020 1:32

Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD02

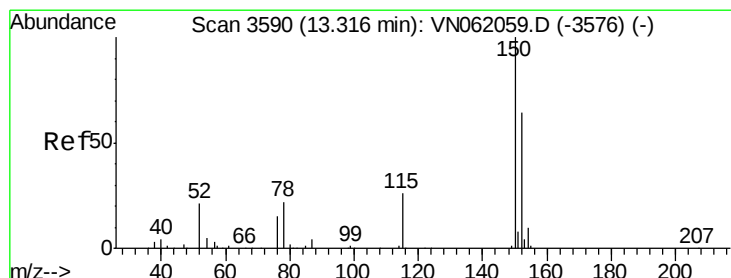
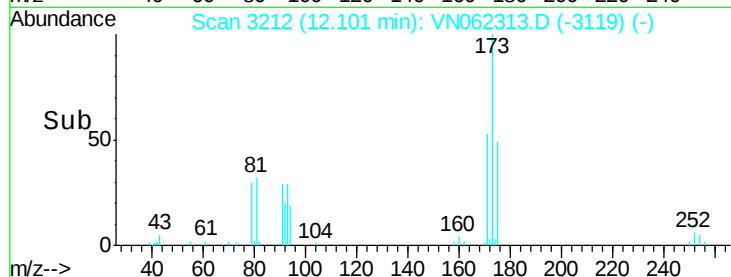
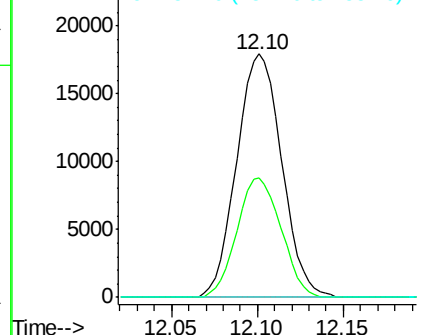
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.8	24.7	74.1
254	0.0	0.0	0.0

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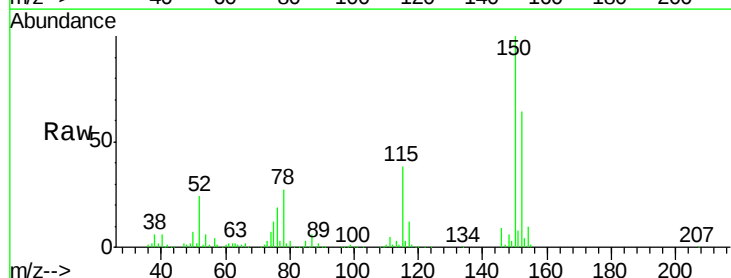


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

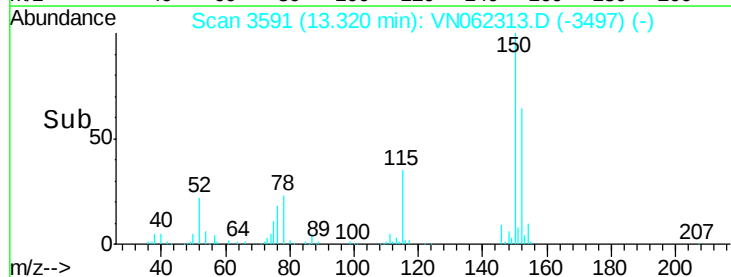
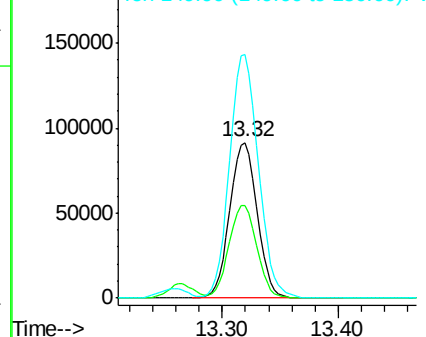


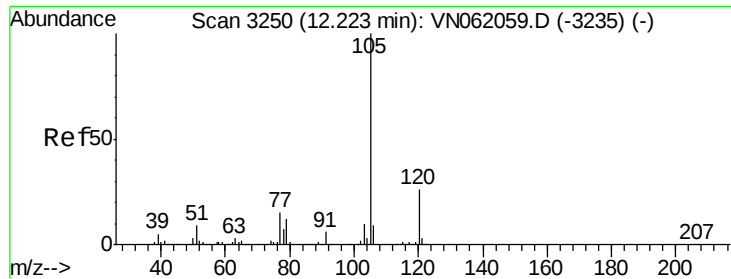
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062313.D
Acq: 2 Jul 2020 1:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.2	29.5	88.5
150	163.8	0.0	351.4



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





#73

Isopropylbenzene

Concen: 19.696 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062313.D

Acq: 2 Jul 2020 1:32

Instrument :

MSVOA_N

ClientSampleId :

VN0701WBSD02

Tot Ion: 105 Resp: 227931

Ion Ratio Lower Upper

105 100

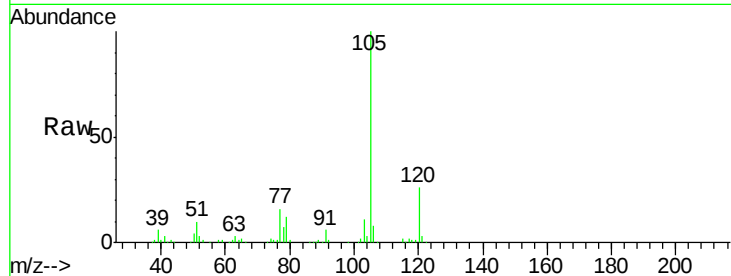
120 25.8 13.2 39.6

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

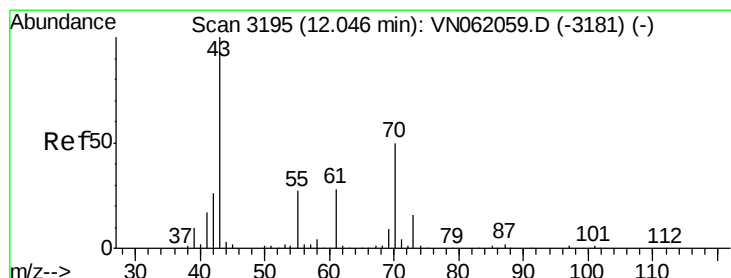
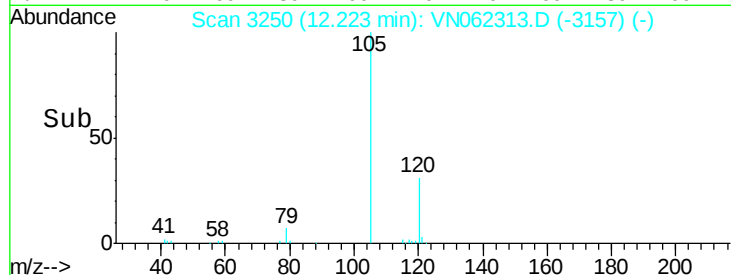
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 21.294 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062313.D

Acq: 2 Jul 2020 1:32

Tgt Ion: 43 Resp: 81949

Ion Ratio Lower Upper

43 100

70 45.2 39.4 59.2

55 28.7 21.7 32.5

61 25.7 21.3 31.9

Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

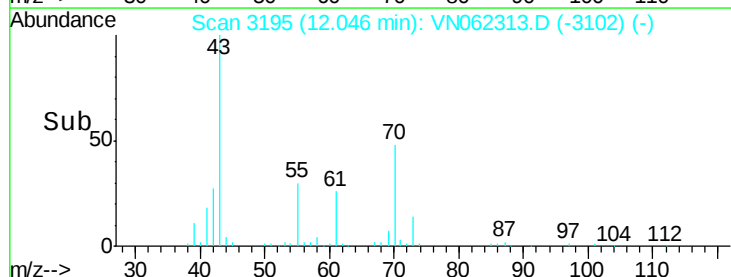
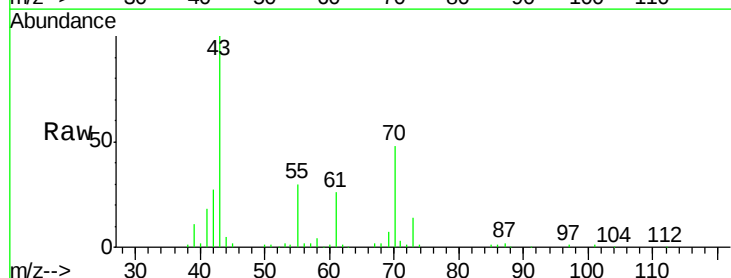
60000

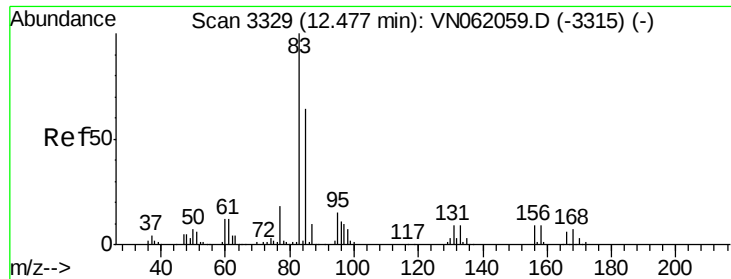
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.164 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062313.D

Acq: 2 Jul 2020 1:32

Instrument :

MSVOA_N

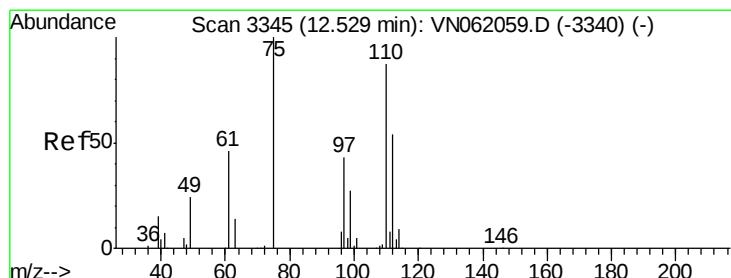
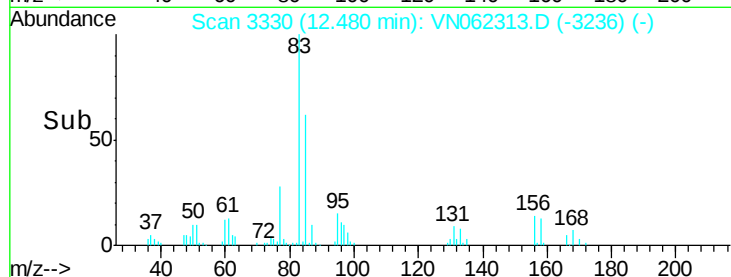
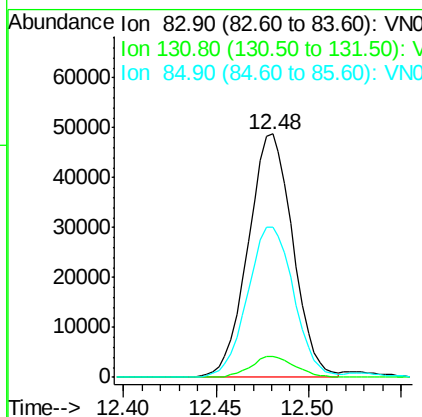
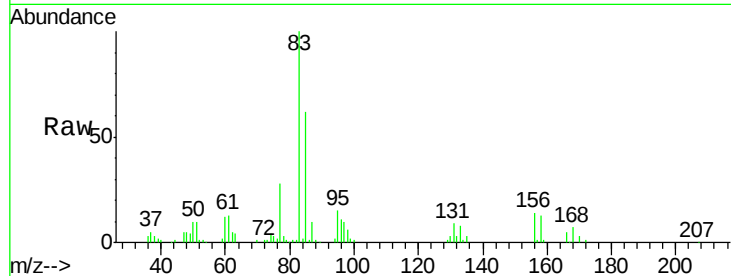
ClientSampleId :

VN0701WBSD02

Tot Ion:	83	Resp:	81504
Ion Ratio	Lower	Upper	
83	100		
131	8.4	4.8	14.4
85	63.9	32.4	97.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.464 ug/l m

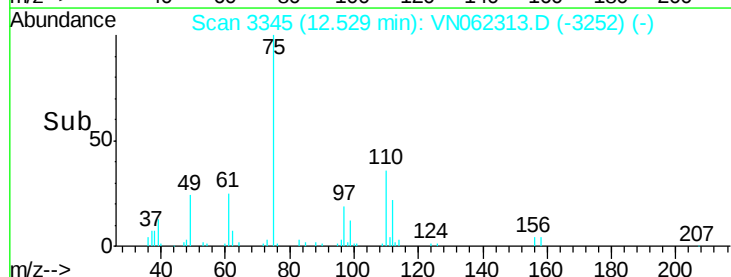
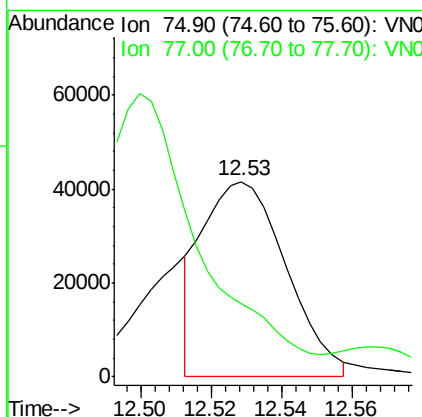
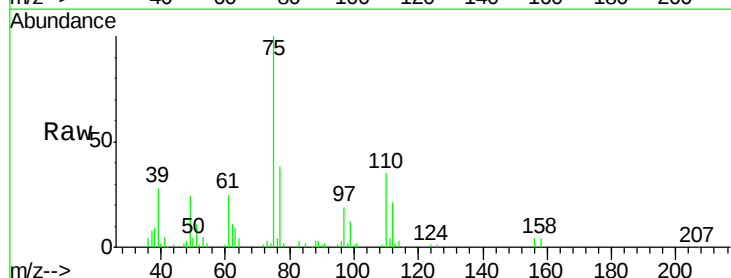
RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062313.D

Acq: 2 Jul 2020 1:32

Tgt Ion:	75	Resp:	68501
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 18.635 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062313.D

Acq: 2 Jul 2020 1:32

Instrument :

MSVOA_N

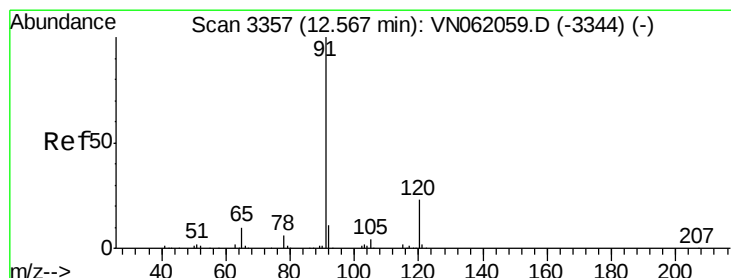
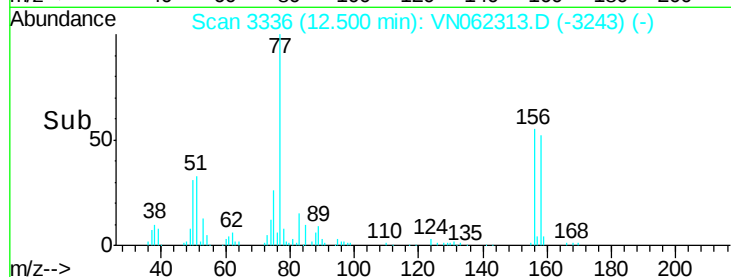
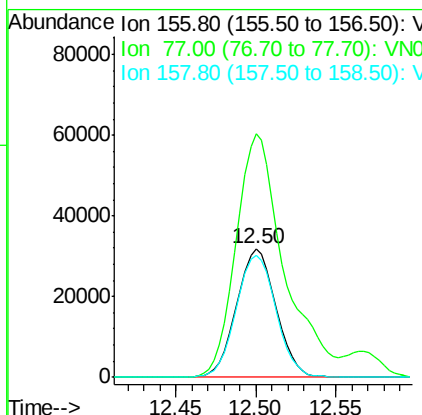
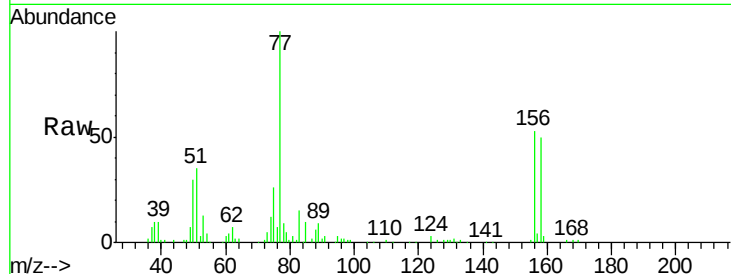
ClientSampleId :

VN0701WBSD02

Tot Ion:	156	Resp:	53539
Ion	Ratio	Lower	Upper
156	100		
77	232.1	104.6	313.8
158	96.2	48.0	144.0

Manual Integrations
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#78

n-propylbenzene

Concen: 19.752 ug/l

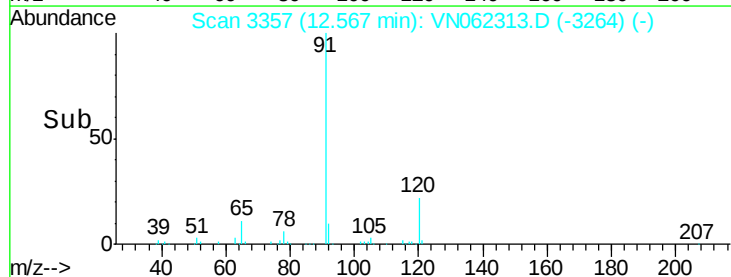
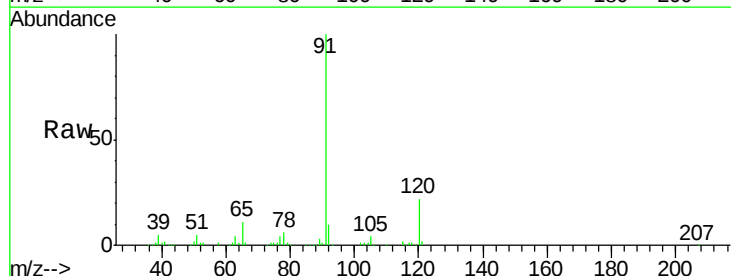
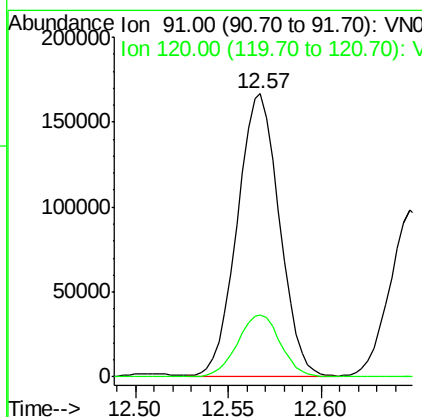
RT: 12.57 min Scan# 3357

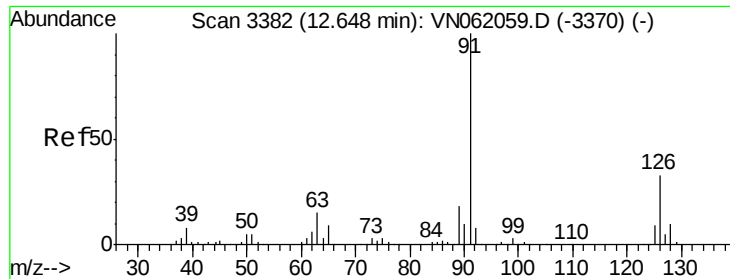
Delta R.T. -0.00 min

Lab File: VN062313.D

Acq: 2 Jul 2020 1:32

Tgt Ion:	91	Resp:	261464
Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.4	34.1





#79

2-Chlorotoluene

Concen: 20.008 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062313.D

Acq: 2 Jul 2020 1:32

Instrument :

MSVOA_N

ClientSampled :

VN0701WBSD02

Tot Ion: 91 Resp: 160118

Ion Ratio Lower Upper

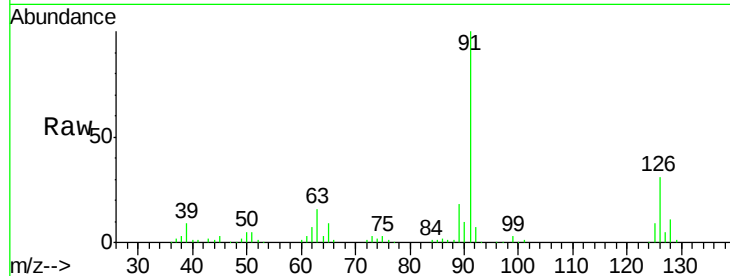
91 100

126 32.5 16.9 50.7

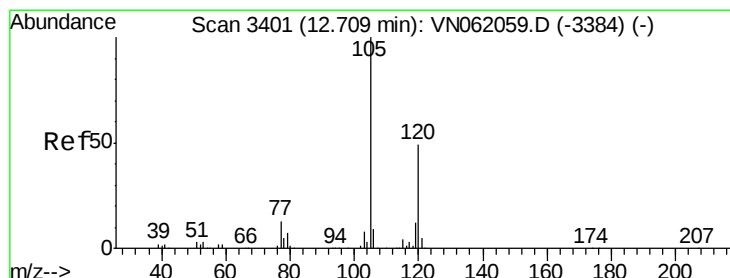
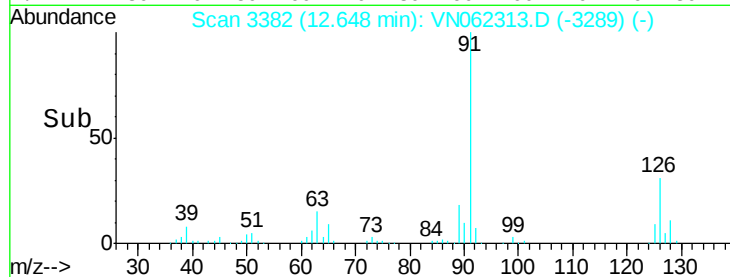
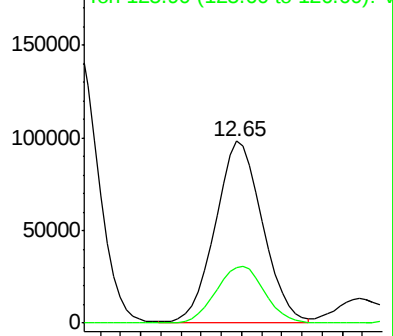
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Abundance Ion 91.00 (90.70 to 91.70): VN062313.D (-3289) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.083 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062313.D

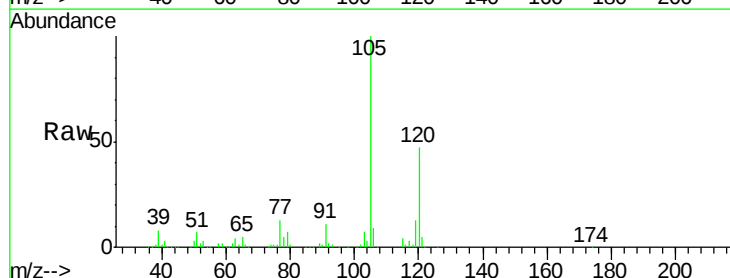
Acq: 2 Jul 2020 1:32

Tgt Ion: 105 Resp: 188406

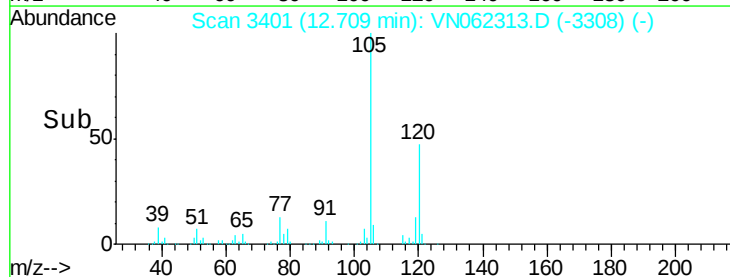
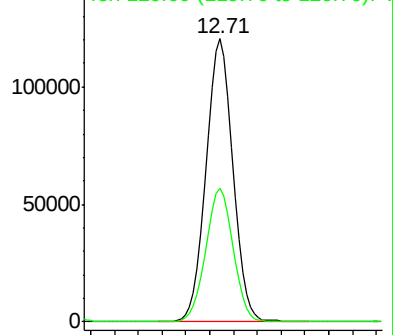
Ion Ratio Lower Upper

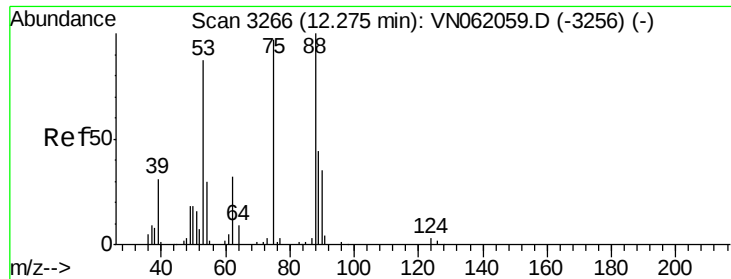
105 100

120 48.2 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN062313.D (-3308) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.107 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062313.D

Acq: 2 Jul 2020 1:32

Instrument :

MSVOA_N

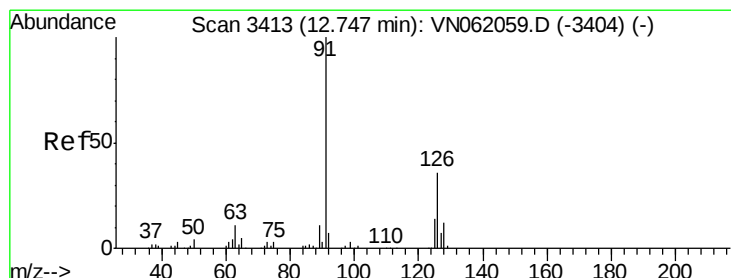
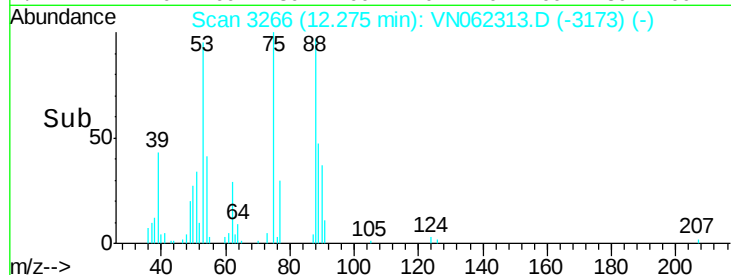
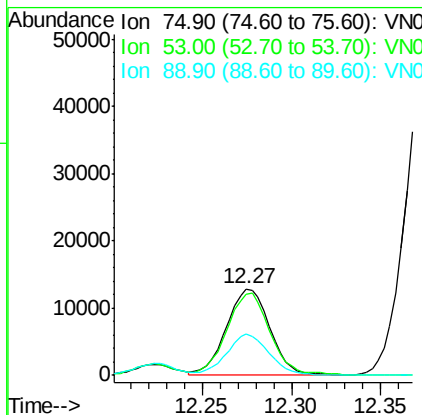
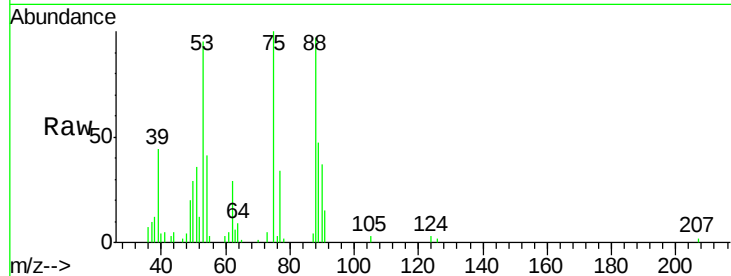
ClientSampleId :

VN0701WBSD02

Tot Ion:	75	Resp:	21821
Ion	Ratio	Lower	Upper
75	100		
53	95.6	72.0	108.0
89	46.4	36.9	55.3

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#82

4-Chlorotoluene

Concen: 19.808 ug/l

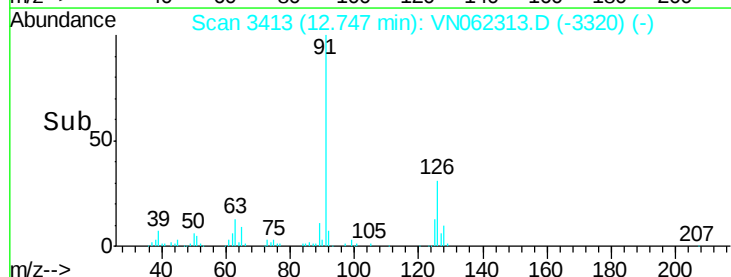
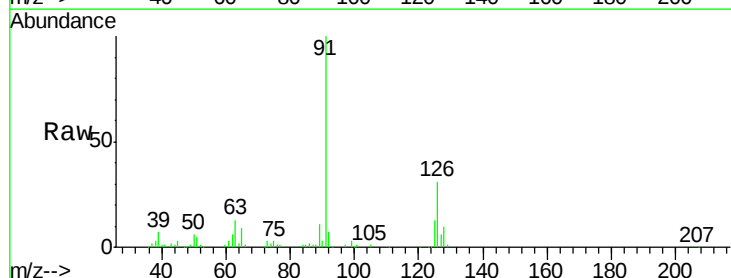
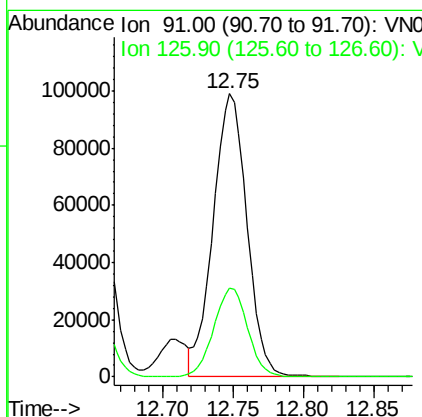
RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062313.D

Acq: 2 Jul 2020 1:32

Tgt Ion:	91	Resp:	163917
Ion	Ratio	Lower	Upper
91	100		
126	31.8	16.7	50.1





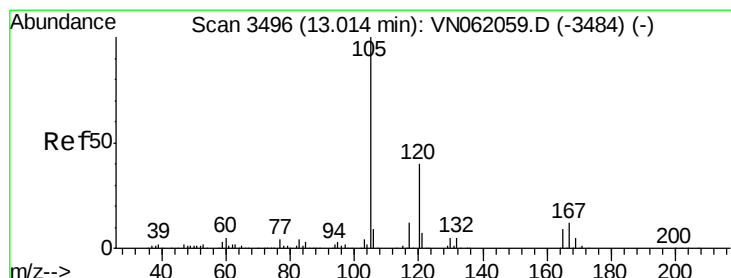
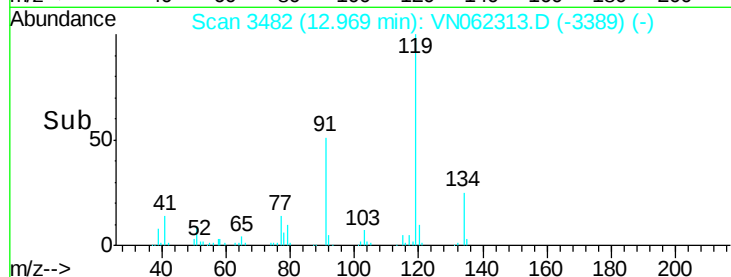
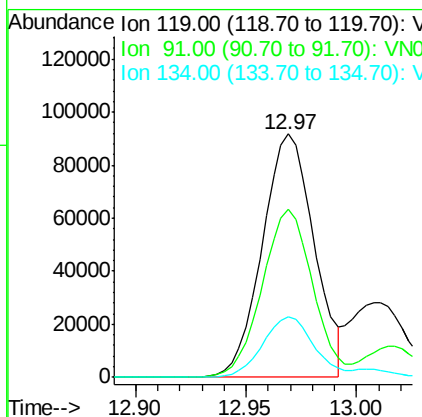
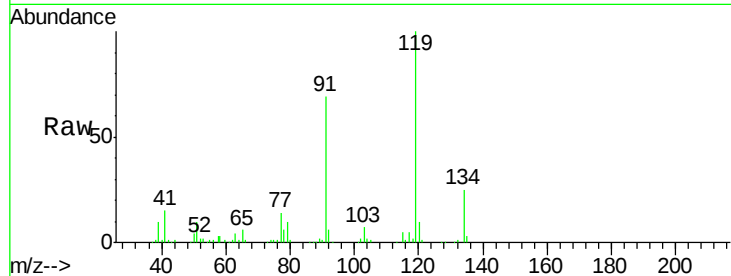
#83
tert-Butylbenzene
Concen: 18.589 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062313.D
Acq: 2 Jul 2020 1:32

Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	149246		
91	68.0		31.7	95.1
134	24.9		13.1	39.1

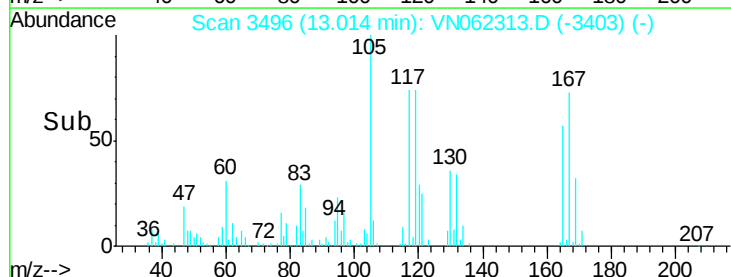
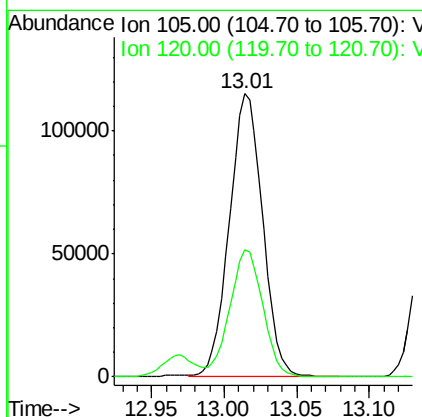
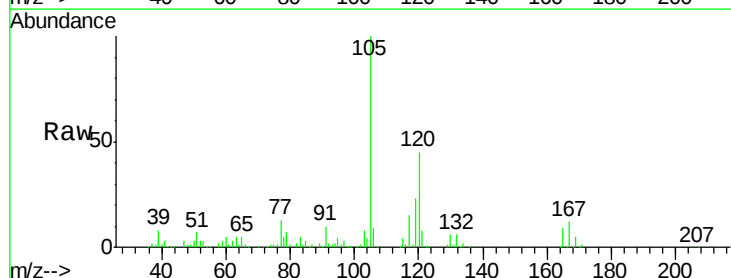
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#84
1,2,4-Trimethylbenzene
Concen: 19.389 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062313.D
Acq: 2 Jul 2020 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	181666		
120	45.1		23.2	69.5





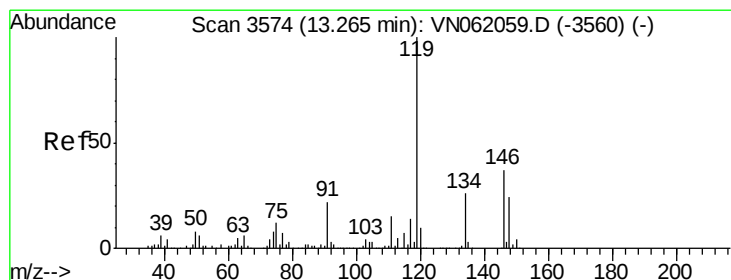
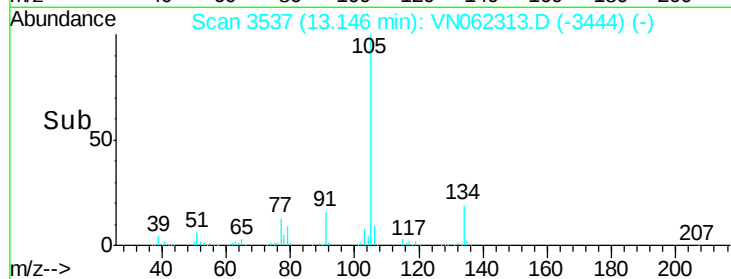
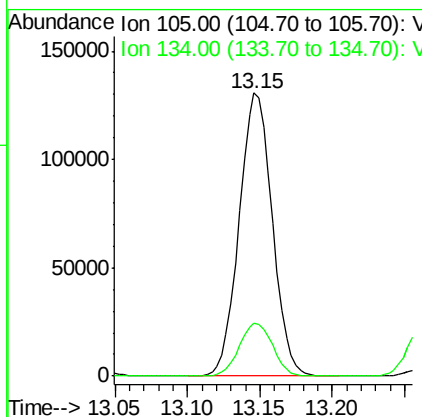
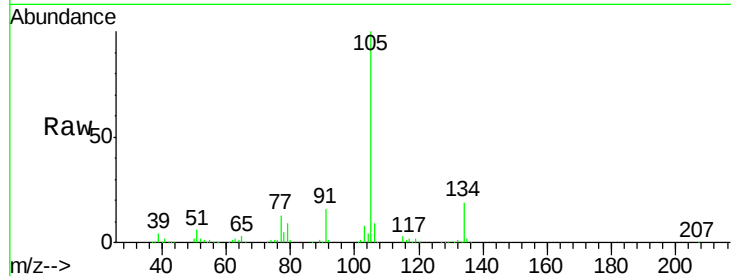
#85
 sec-Butylbenzene
 Concen: 19.475 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062313.D
 Acq: 2 Jul 2020 1:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
105	100	206605		
134	18.9	9.7	29.1	

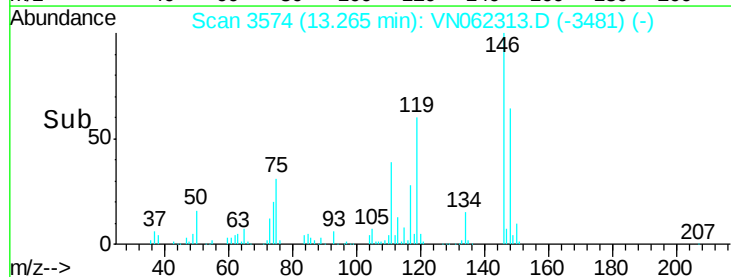
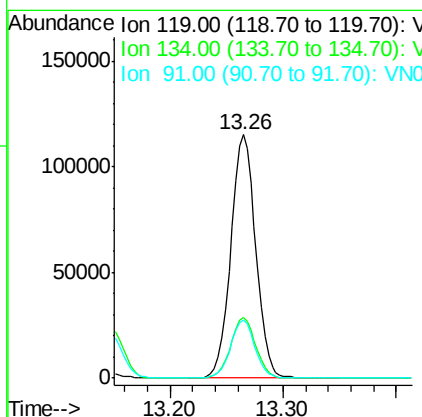
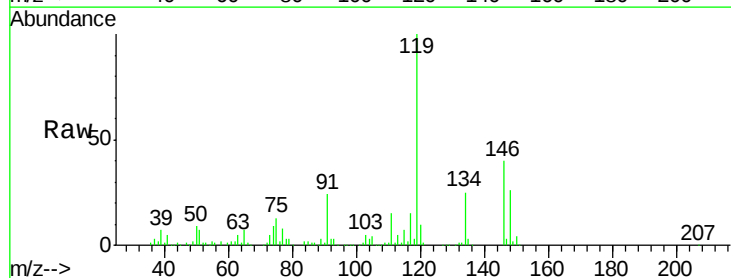
Manual Integrations
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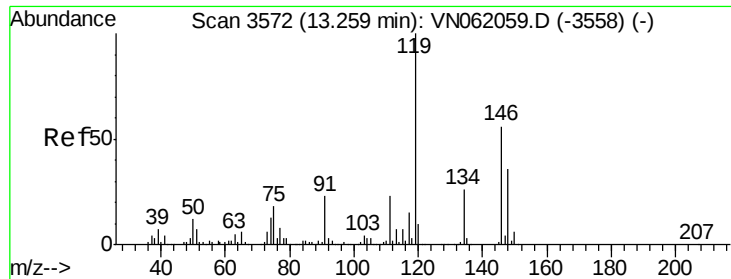
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#86
 p-Isopropyltoluene
 Concen: 18.917 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062313.D
 Acq: 2 Jul 2020 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	175825		
134	25.2	13.0	39.0	
91	23.6	11.3	33.8	





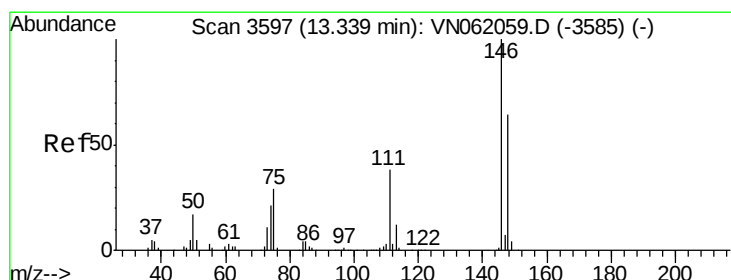
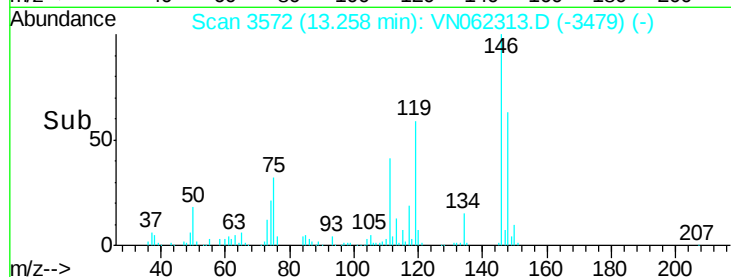
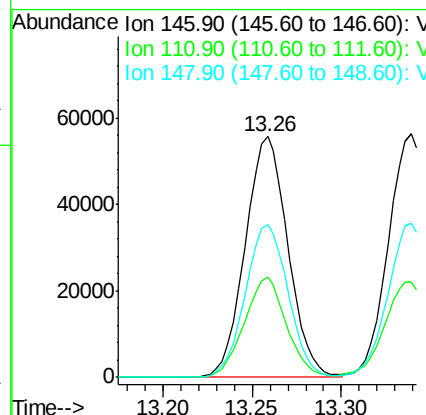
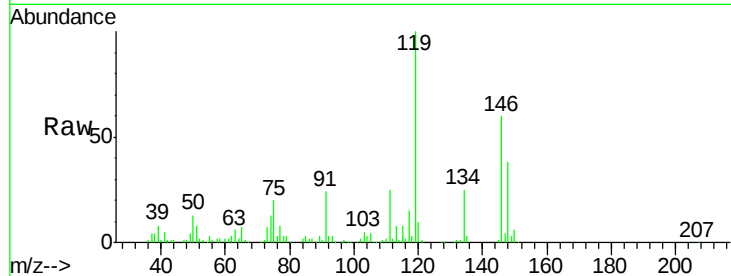
#87
 1,3-Dichlorobenzene
 Concen: 18.539 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062313.D
 Acq: 2 Jul 2020 1:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.3	61.0
148	63.5	31.8	95.3

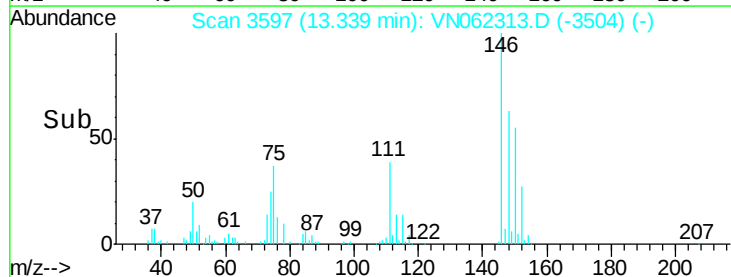
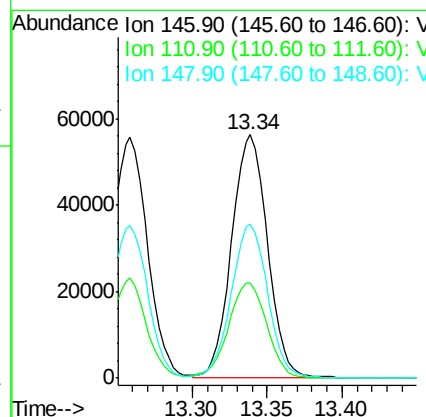
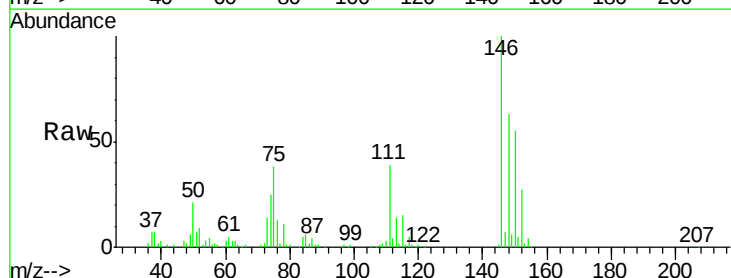
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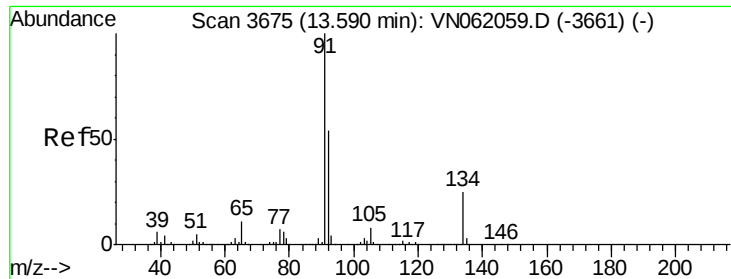
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#88
 1,4-Dichlorobenzene
 Concen: 18.071 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062313.D
 Acq: 2 Jul 2020 1:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.2	19.9	59.6
148	64.0	31.9	95.9





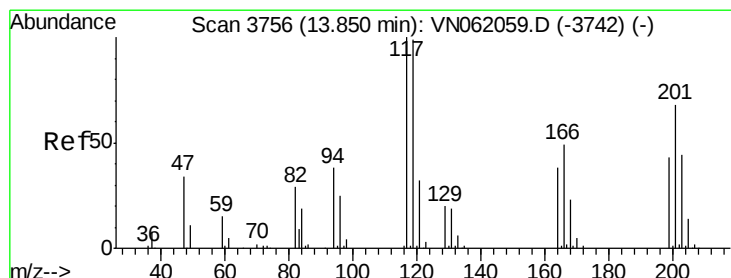
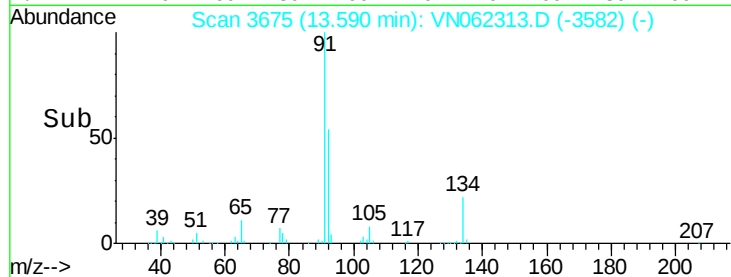
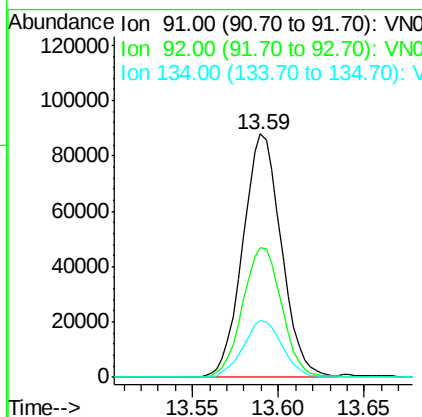
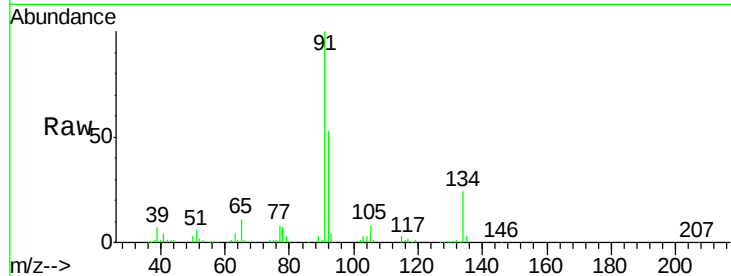
#89
n-Butylbenzene
Concen: 17.704 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062313.D
Acq: 2 Jul 2020 1:32

Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.5	26.6	79.7
134	23.8	12.3	36.9

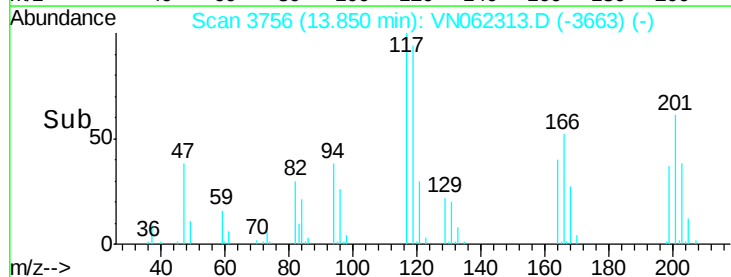
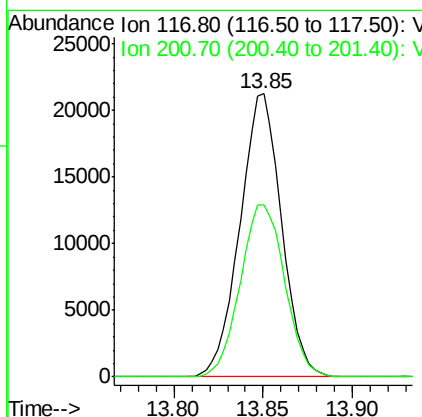
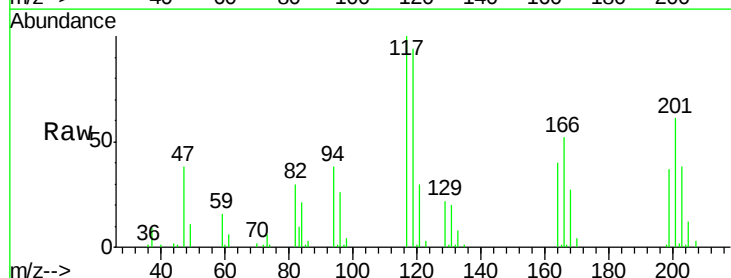
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#90
Hexachloroethane
Concen: 18.938 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062313.D
Acq: 2 Jul 2020 1:32

Tgt Ion	Ratio	Lower	Upper
117	100		
201	64.8	32.7	98.1





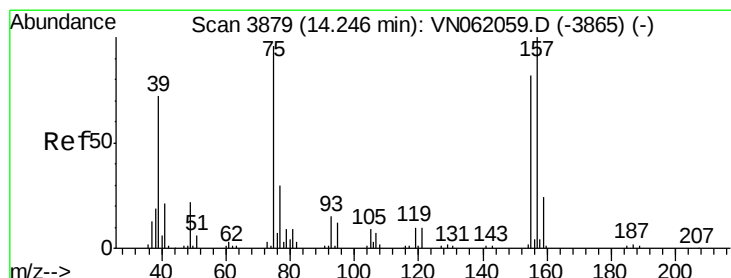
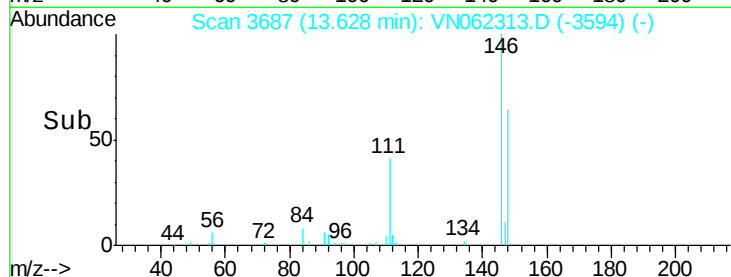
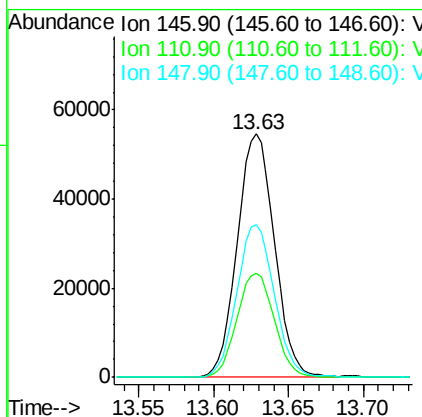
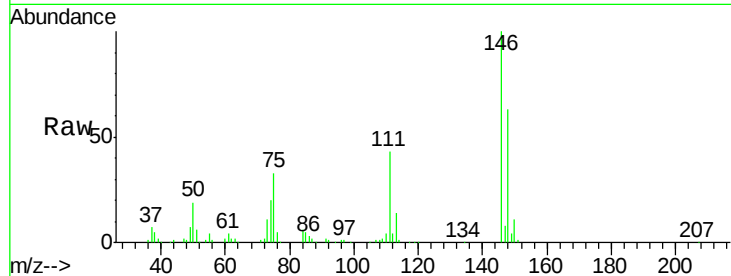
#91
 1,2-Dichlorobenzene
 Concen: 19.357 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062313.D
 Acq: 2 Jul 2020 1:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.2	63.6
148	63.4	31.9	95.5

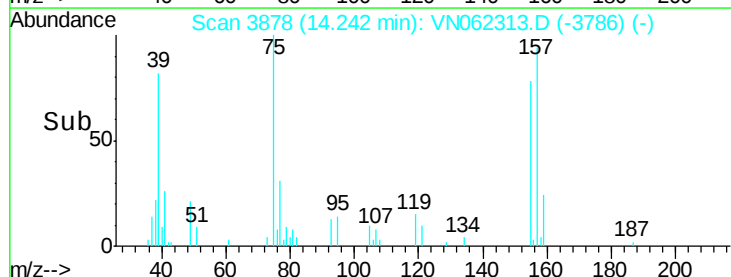
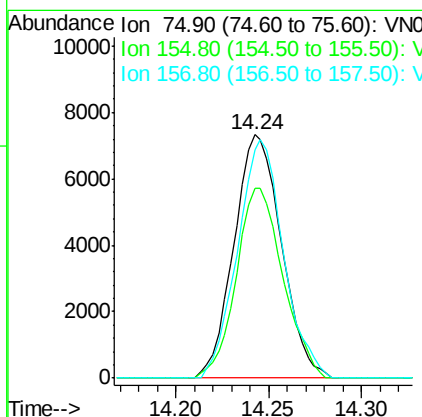
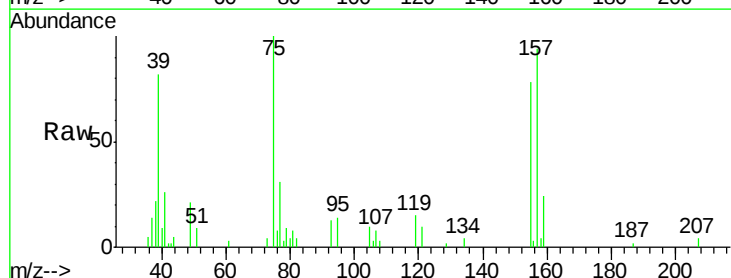
Manual Integrations
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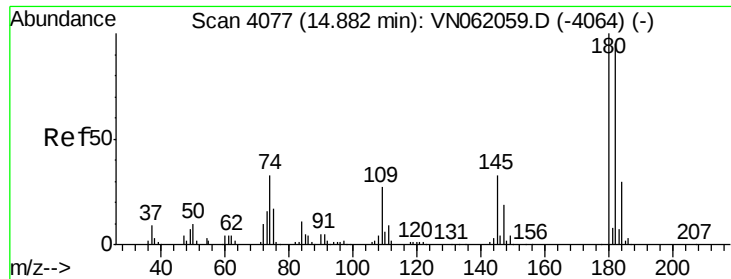
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 7/2/2020 12:31:16 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.108 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062313.D
 Acq: 2 Jul 2020 1:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.9	40.8	122.4
157	94.5	51.4	154.3





#93

1,2,4-Trichlorobenzene

Concen: 17.092 ug/l

RT: 14.88 min Scan# 4077

Delta R.T. -0.00 min

Lab File: VN062313.D

Acq: 2 Jul 2020 1:32

Instrument :

MSVOA_N

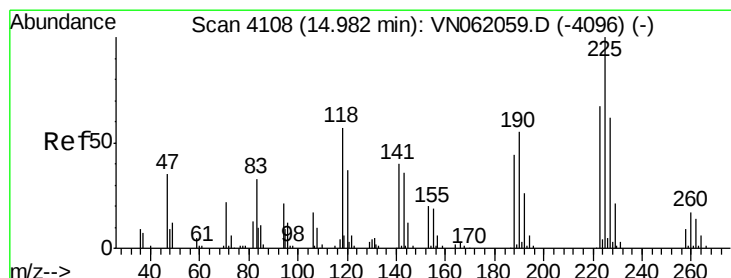
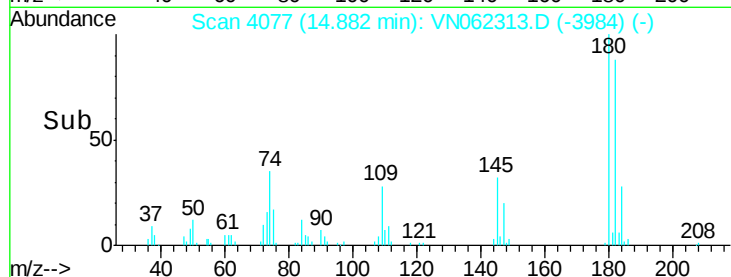
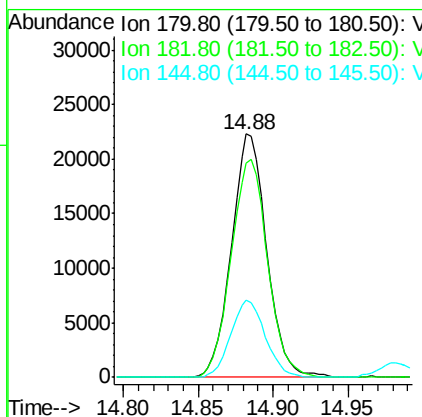
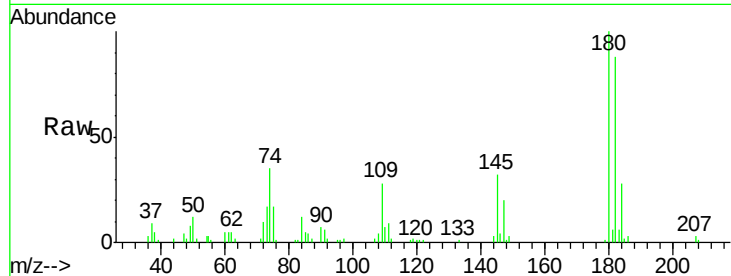
ClientSampleId :

VN0701WBSD02

Tot Ion:	180	Resp:	36530
Ion Ratio	Lower	Upper	
180	100		
182	92.6	48.0	144.2
145	31.0	16.0	48.0

Manual Integrations
APPROVED

MMDadoda
7/2/2020 12:31:16 PM



#94

Hexachlorobutadiene

Concen: 19.113 ug/l

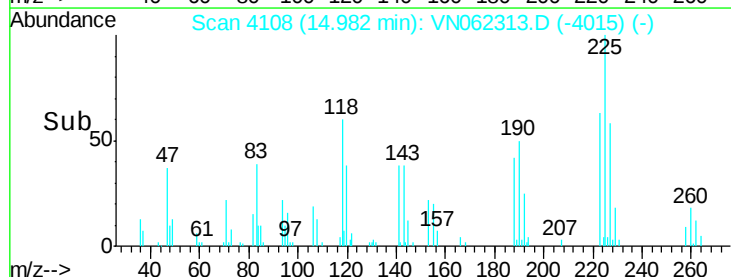
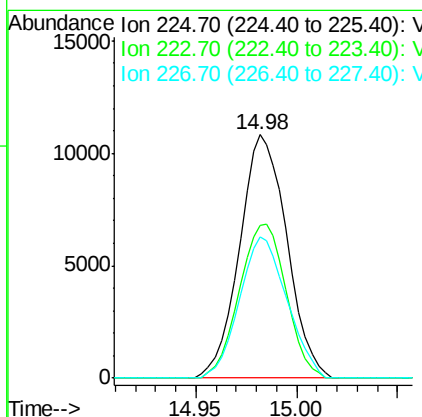
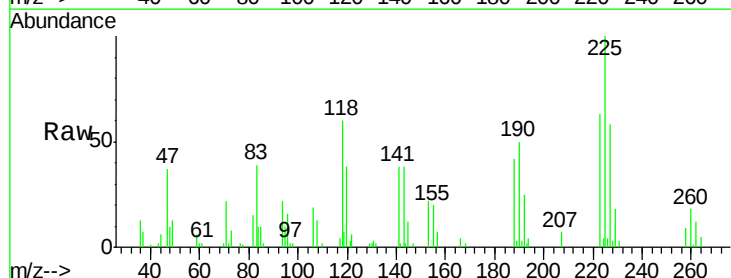
RT: 14.98 min Scan# 4108

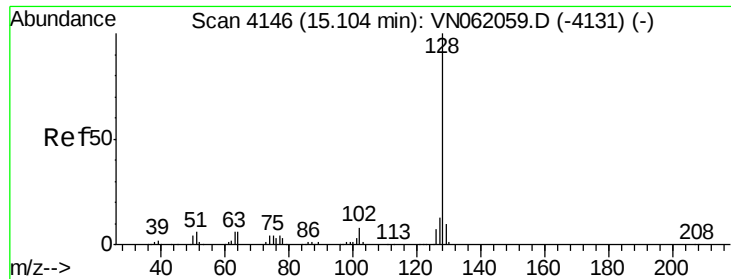
Delta R.T. -0.00 min

Lab File: VN062313.D

Acq: 2 Jul 2020 1:32

Tgt Ion:	225	Resp:	17742
Ion Ratio	Lower	Upper	
225	100		
223	62.6	32.9	98.7
227	58.1	31.3	93.8





#95

Naphthalene

Concen: 17.679 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN062313.D

Acq: 2 Jul 2020 1:32

Instrument :

MSVOA_N

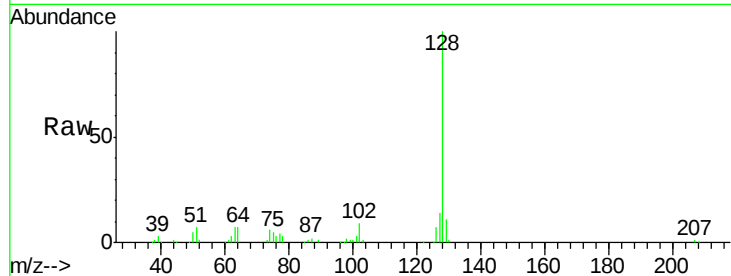
ClientSampleId :

VN0701WBSD02

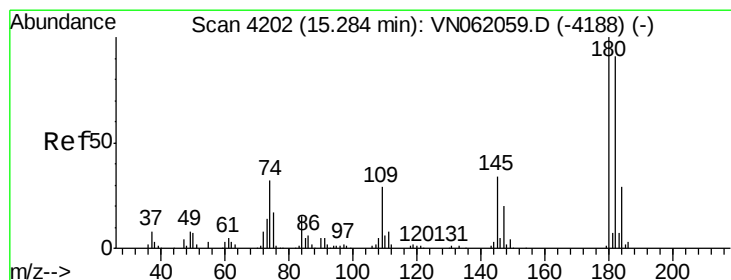
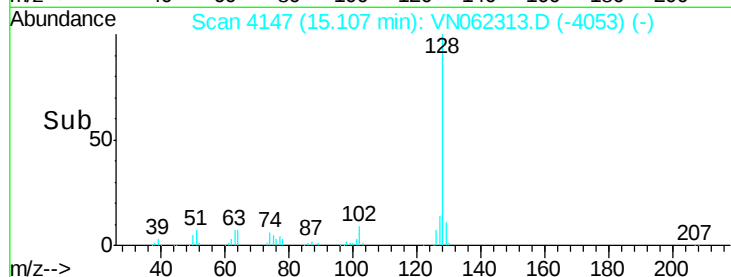
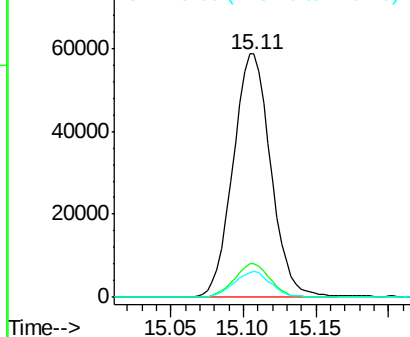
Tot Ion:	128	Resp:	105981
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.5	15.7
129	10.4	8.6	13.0

Manual Integrations
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Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.700 ug/l

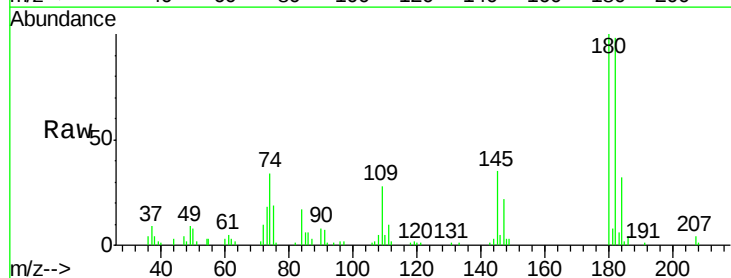
RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN062313.D

Acq: 2 Jul 2020 1:32

Tgt Ion:	180	Resp:	38680
Ion Ratio	Lower	Upper	
180	100		
182	94.9	46.8	140.4
145	32.8	16.4	49.2



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

