

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062520\
 Data File : VN062103.D
 Acq On : 25 Jun 2020 11:40
 Operator : JC/MD
 Sample : VN0625WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/26/2020 7:00:55 PM

Quant Time: Jun 26 02:08:49 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	237026	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	425869	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	398735	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	177439	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	166454	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
35) Dibromofluoromethane	7.55	113	134159	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
50) Toluene-d8	10.06	98	532237	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	
62) 4-Bromofluorobenzene	12.37	95	175329	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	49563	18.499	ug/l	96
3) Chloromethane	2.03	50	65588	19.991	ug/l	98
4) Vinyl Chloride	2.16	62	78976	18.718	ug/l	100
5) Bromomethane	2.53	94	49139	18.021	ug/l	100
6) Chloroethane	2.67	64	54859	19.034	ug/l	98
7) Trichlorofluoromethane	2.98	101	94975	18.268	ug/l	99
8) Diethyl Ether	3.37	74	35913	19.783	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	51092	18.767	ug/l	98
10) Methyl Iodide	3.91	142	53128	17.328	ug/l	97
11) Tert butyl alcohol	4.73	59	45859	96.024	ug/l	99
12) 1,1-Dichloroethene	3.69	96	51618	18.966	ug/l	99
13) Acrolein	3.57	56	46510	99.470	ug/l	98
14) Allyl chloride	4.27	41	71332	19.251	ug/l	99
15) Acrylonitrile	4.93	53	128386	98.651	ug/l	100
16) Acetone	3.78	43	113043	105.937	ug/l	100
17) Carbon Disulfide	4.01	76	149774	19.244	ug/l	100
18) Methyl Acetate	4.28	43	51309	19.404	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	169400	19.479	ug/l	98
20) Methylene Chloride	4.50	84	63079	20.530	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	58112	18.743	ug/l	98
22) Diisopropyl ether	5.90	45	161606	19.154	ug/l	95
23) Vinyl Acetate	5.84	43	661972	96.101	ug/l	99
24) 1,1-Dichloroethane	5.80	63	101331	18.651	ug/l	99
25) 2-Butanone	6.79	43	159003	97.798	ug/l	98
26) 2,2-Dichloropropane	6.77	77	87886	19.412	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	64886	18.598	ug/l	98
28) Bromochloromethane	7.15	49	43665	18.524	ug/l	98
29) Tetrahydrofuran	7.17	42	103829	97.492	ug/l	99
30) Chloroform	7.33	83	103641	18.750	ug/l	99
31) Cyclohexane	7.62	56	84930	18.481	ug/l	92
32) 1,1,1-Trichloroethane	7.53	97	88541	18.994	ug/l	99
36) 1,1-Dichloropropene	7.75	75	77792	18.173	ug/l	99
37) Ethyl Acetate	6.88	43	67425	19.022	ug/l	99
38) Carbon Tetrachloride	7.73	117	76320	18.911	ug/l	98

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MMDadoda
 6/26/2020 7:00:55 PM

Quant Time: Jun 26 02:08:49 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)
39) Methylcyclohexane	9.05	83	82884	17.672	ug/l	98
40) Benzene	8.00	78	244076	18.707	ug/l	98
41) Methacrylonitrile	7.12	41	24785	15.083	ug/l #	88
42) 1,2-Dichloroethane	8.08	62	82106	18.626	ug/l	99
43) Isopropyl Acetate	8.13	43	107621	18.625	ug/l #	90
44) Trichloroethene	8.80	130	59732	18.149	ug/l	98
45) 1,2-Dichloropropane	9.08	63	60616	18.832	ug/l	97
46) Dibromomethane	9.17	93	40456	18.538	ug/l	99
47) Bromodichloromethane	9.37	83	84350	19.142	ug/l	98
48) Methyl methacrylate	9.17	41	47944	18.505	ug/l	98
49) 1,4-Dioxane	9.17	88	20932	364.324	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	324058	95.989	ug/l	99
52) Toluene	10.12	92	152851	19.201	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	91423	18.858	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	99458	19.270	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	60286	19.265	ug/l	98
56) Ethyl methacrylate	10.40	69	80581	19.295	ug/l	99
57) 1,3-Dichloropropane	10.68	76	101181	18.785	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	149935	94.998	ug/l	99
59) 2-Hexanone	10.72	43	238595	97.873	ug/l	100
60) Dibromochloromethane	10.87	129	62778	18.949	ug/l	99
61) 1,2-Dibromoethane	10.98	107	61411	19.099	ug/l	100
64) Tetrachloroethene	10.60	164	49419	18.144	ug/l	98
65) Chlorobenzene	11.41	112	162027	18.504	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	57464	18.979	ug/l	99
67) Ethyl Benzene	11.48	91	280148	18.944	ug/l	99
68) m/p-Xylenes	11.60	106	211851	37.038	ug/l	97
69) o-Xylene	11.92	106	100622	18.645	ug/l	98
70) Styrene	11.94	104	164924	18.324	ug/l	98
71) Bromoform	12.10	173	41067	19.076	ug/l #	99
73) Isopropylbenzene	12.22	105	267140	19.449	ug/l	99
74) N-amyl acetate	12.05	43	88252	19.631	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	89818	19.651	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	75417m	18.055	ug/l	
77) Bromobenzene	12.50	156	64819	19.008	ug/l	97
78) n-propylbenzene	12.56	91	303555	19.321	ug/l	100
79) 2-Chlorotoluene	12.65	91	183186	19.287	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	216641	19.457	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	27281	19.073	ug/l	96
82) 4-Chlorotoluene	12.75	91	187239	19.063	ug/l	99
83) tert-Butylbenzene	12.97	119	179272	18.813	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	220966	19.870	ug/l	98
85) sec-Butylbenzene	13.15	105	245713	19.514	ug/l	100
86) p-Isopropyltoluene	13.26	119	213230	19.329	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	114792	19.171	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	113060	18.317	ug/l	99
89) n-Butylbenzene	13.59	91	170407	18.580	ug/l	100
90) Hexachloroethane	13.85	117	40510	18.717	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	108808	18.739	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	14573	19.903	ug/l	98

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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	47989	18.919	ug/l	96
94) Hexachlorobutadiene	14.99	225	21221	19.262	ug/l	98
95) Naphthalene	15.10	128	131905	18.345	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	46613	17.971	ug/l	97

(#) = 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: VN062103.D

Acq: 25 Jun 2020 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBS01

Tot Ion:168 Resp: 237026

Ion Ratio Lower Upper

168 100

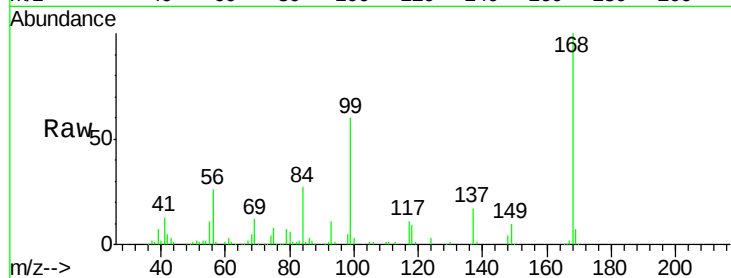
99 60.3 45.8 68.8

Manual Integrations

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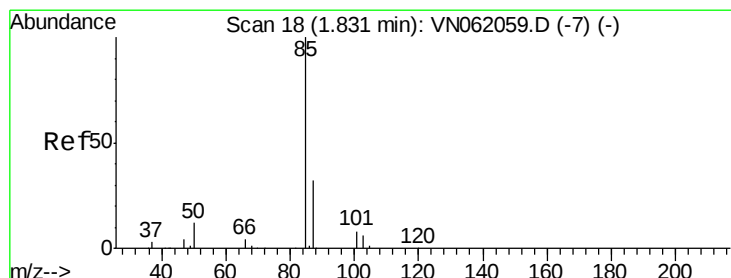
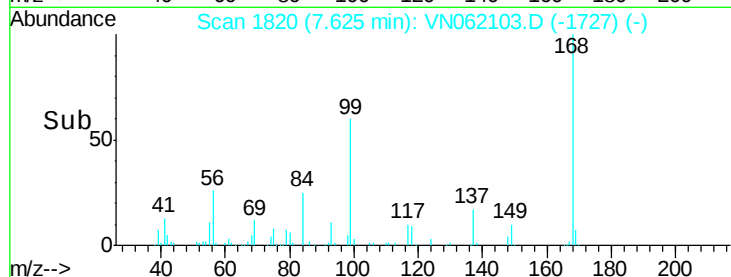
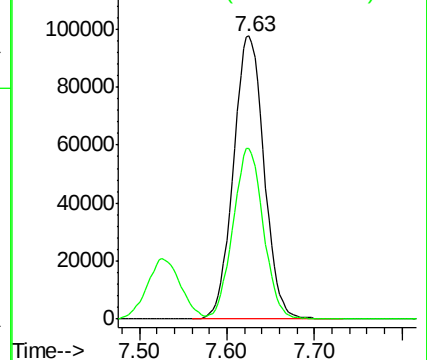
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Abundance Ion 167.90 (167.60 to 168.60): VN062103.D (-1727) (-)

Ion 98.90 (98.60 to 99.60): VN062103.D (-1727) (-)



#2

Dichlorodifluoromethane

Concen: 18.499 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062103.D

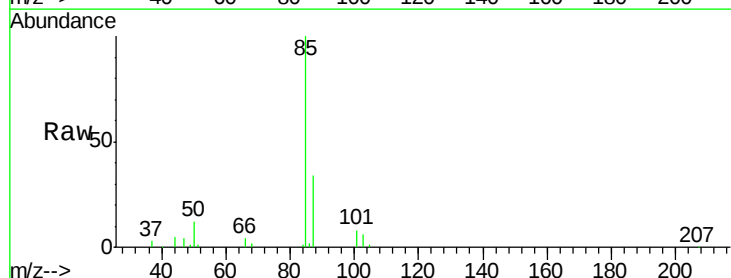
Acq: 25 Jun 2020 11:40

Tgt Ion: 85 Resp: 49563

Ion Ratio Lower Upper

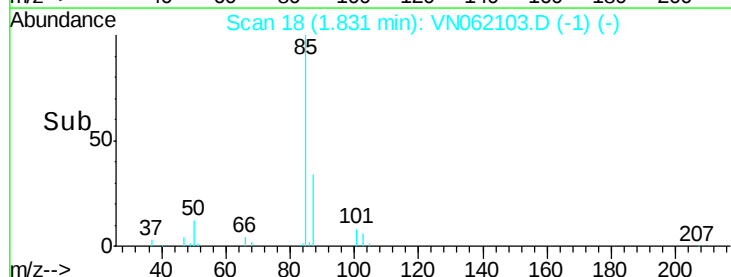
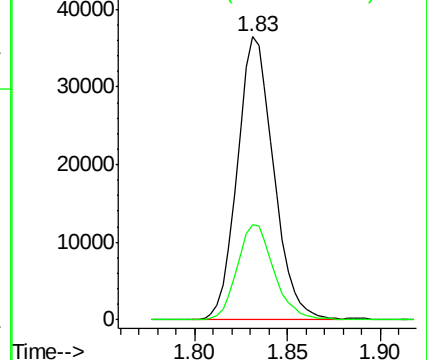
85 100

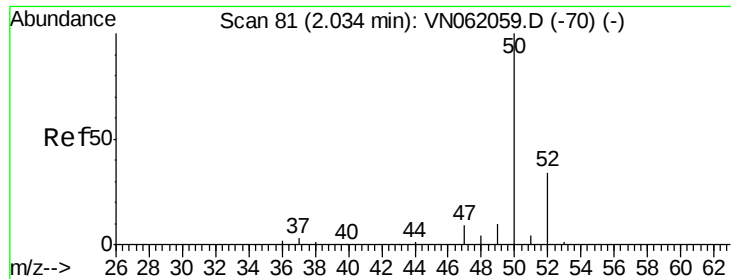
87 33.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN062103.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VN062103.D (-1) (-)





#3

Chloromethane

Concen: 19.991 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062103.D

Acq: 25 Jun 2020 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBS01

Tot Ion: 50 Resp: 65588

Ion Ratio Lower Upper

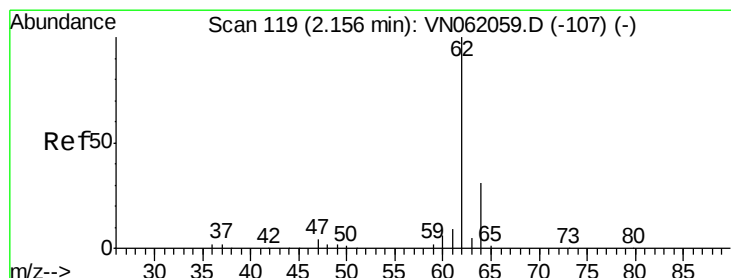
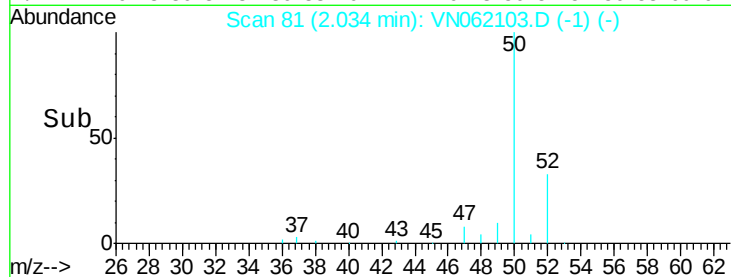
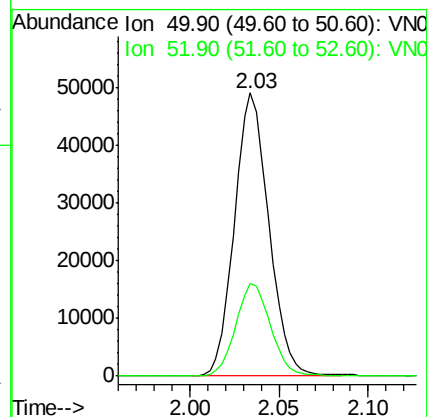
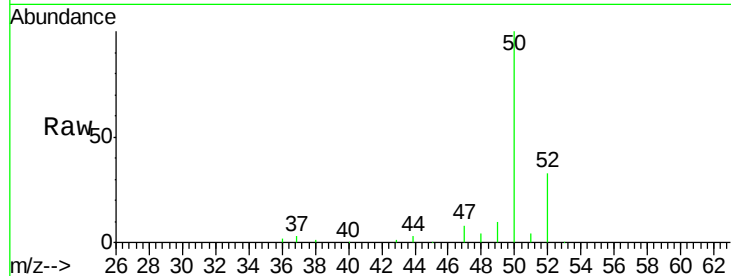
50 100

52 32.7 27.0 40.6

Manual Integrations
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#4

Vinyl Chloride

Concen: 18.718 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062103.D

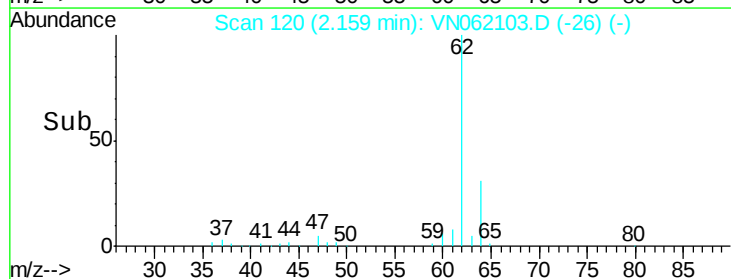
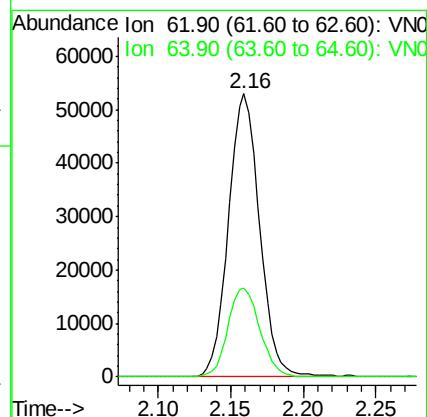
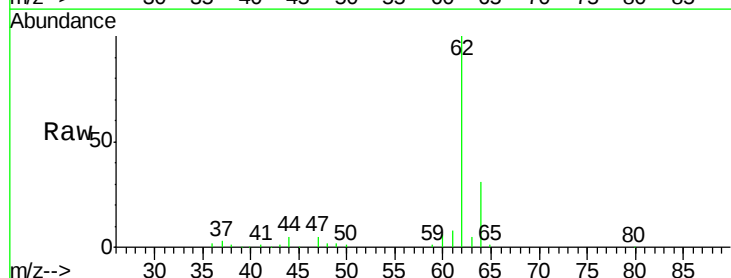
Acq: 25 Jun 2020 11:40

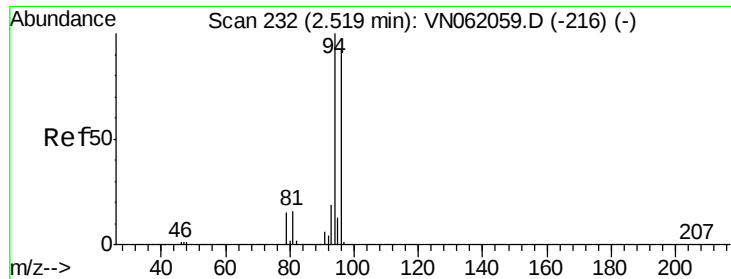
Tgt Ion: 62 Resp: 78976

Ion Ratio Lower Upper

62 100

64 31.2 25.1 37.7





#5

Bromomethane

Concen: 18.021 ug/l

RT: 2.53 min Scan# 235

Delta R.T. 0.01 min

Lab File: VN062103.D

Acq: 25 Jun 2020 11:40

Instrument :

MSVOA_N

ClientSampled :

VN0625WBS01

Tot Ion: 94 Resp: 49139

Ion Ratio Lower Upper

94 100

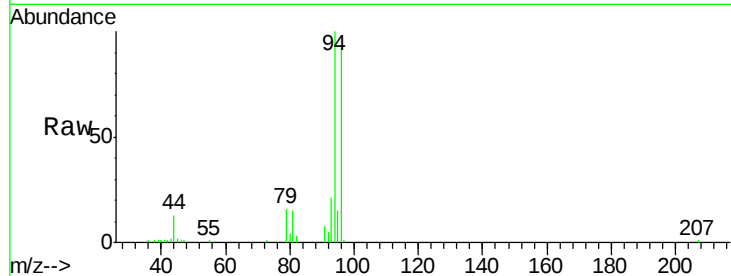
96 92.0 73.4 110.2

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

25000

20000

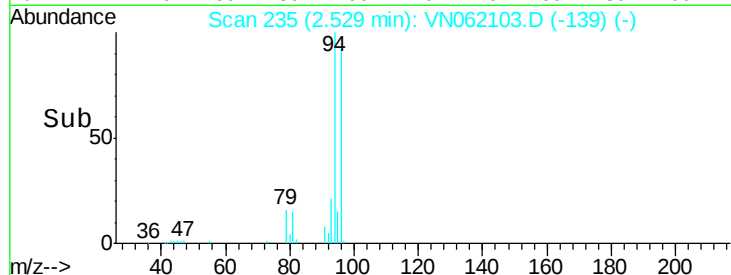
15000

10000

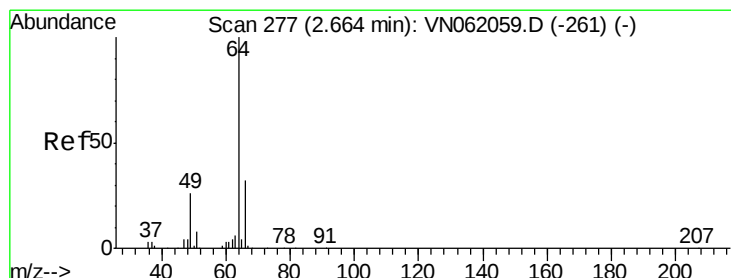
5000

0

Time-->



Time-->



#6

Chloroethane

Concen: 19.034 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.01 min

Lab File: VN062103.D

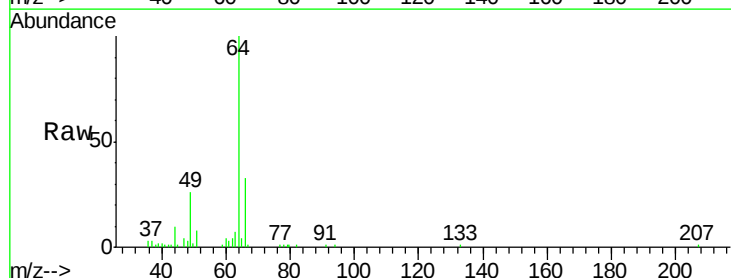
Acq: 25 Jun 2020 11:40

Tgt Ion: 64 Resp: 54859

Ion Ratio Lower Upper

64 100

66 33.1 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

30000

25000

20000

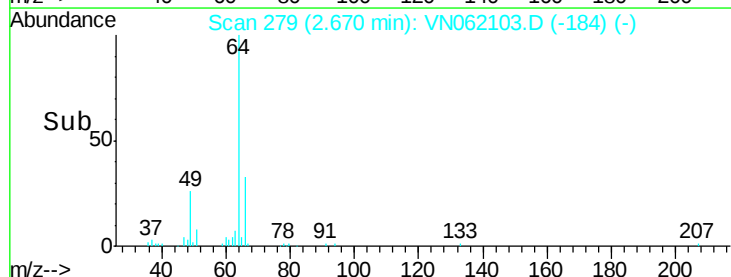
15000

10000

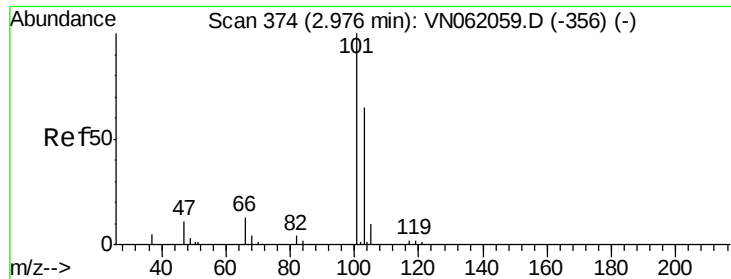
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0

Time-->



Time-->



#7

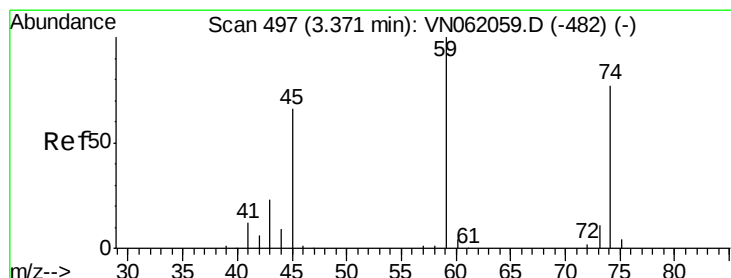
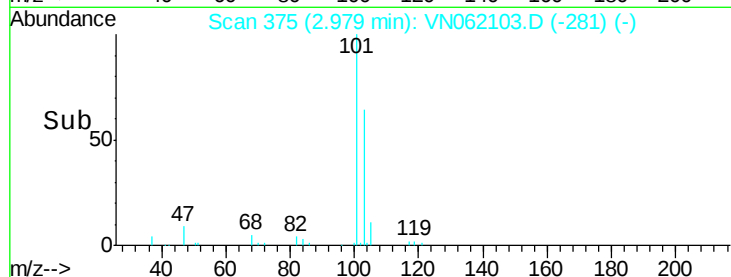
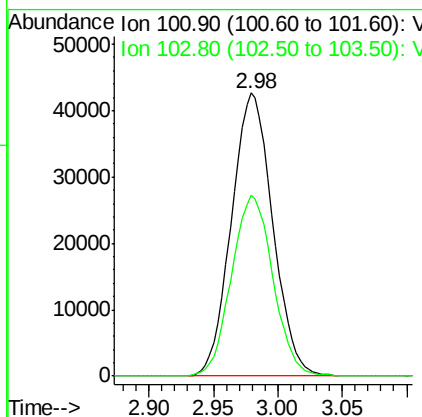
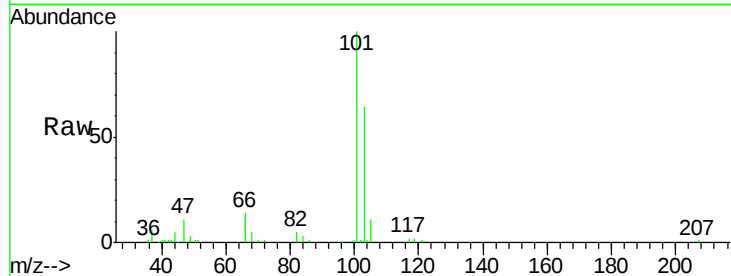
Trichlorofluoromethane
Concen: 18.268 ug/l
RT: 2.98 min Scan# 375
Delta R.T. 0.00 min
Lab File: VN062103.D
Acq: 25 Jun 2020 11:40

Instrument :
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ClientSampleId :
VN0625WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	51.8	77.6

Manual Integrations
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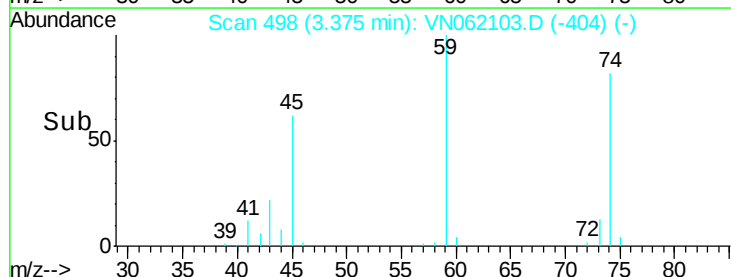
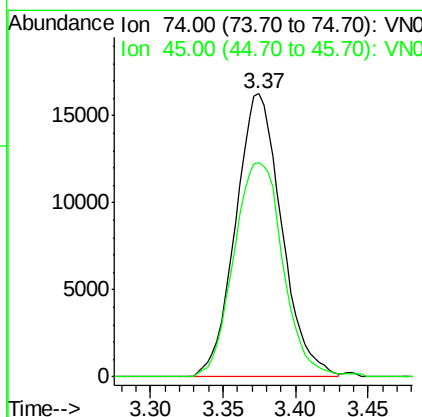
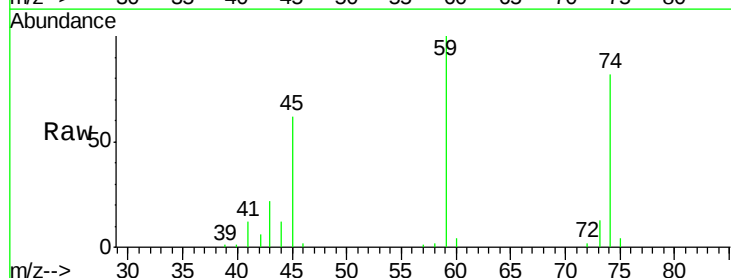
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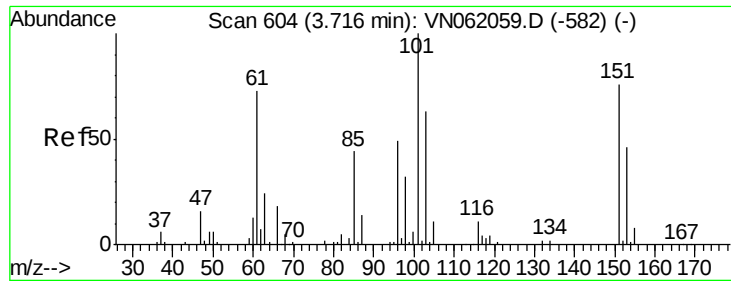


#8

Diethyl Ether
Concen: 19.783 ug/l
RT: 3.37 min Scan# 498
Delta R.T. 0.00 min
Lab File: VN062103.D
Acq: 25 Jun 2020 11:40

Tgt Ion	Ratio	Lower	Upper
74	100		
45	80.9	42.5	127.5





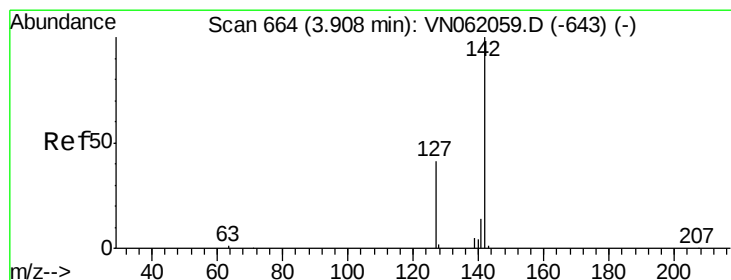
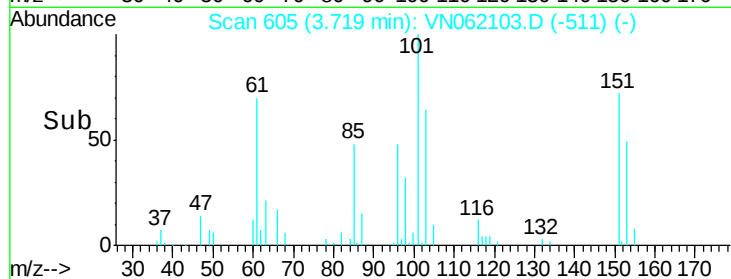
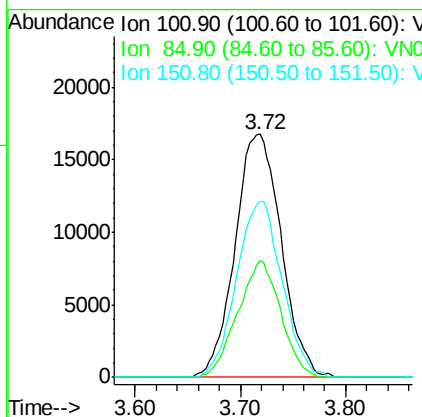
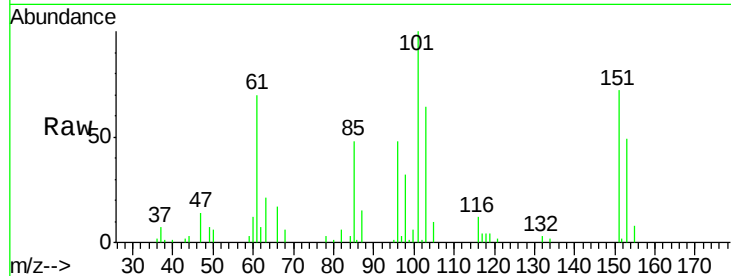
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.767 ug/l
 RT: 3.72 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: VN062103.D
 Acq: 25 Jun 2020 11:40

Instrument :
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 ClientSampleId :
 VN0625WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
85	44.6	34.5	51.7
151	71.3	57.8	86.8

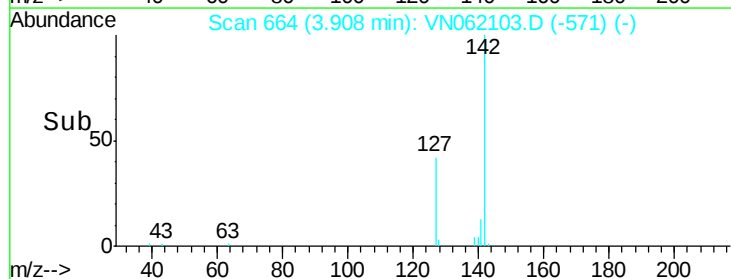
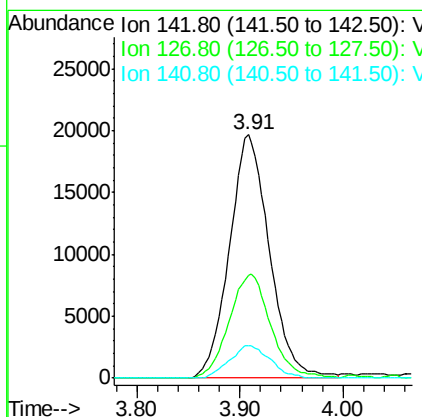
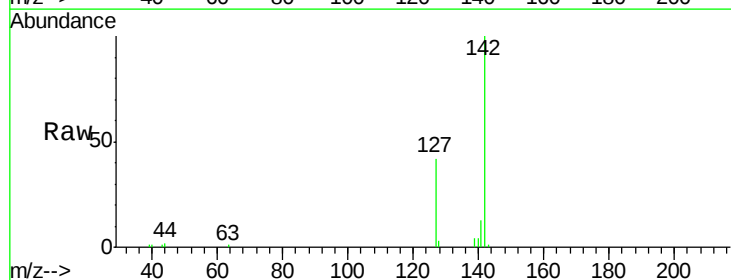
Manual Integrations
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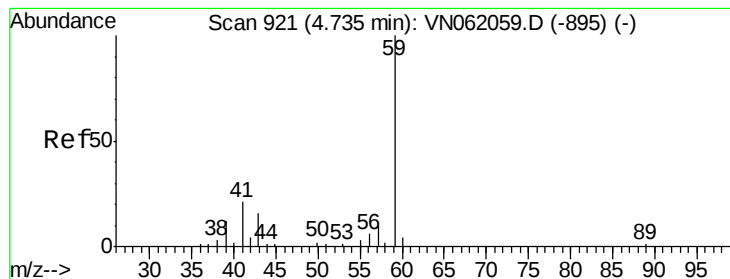
MMDadoda
 6/26/2020 7:00:55 PM



#10
 Methyl Iodide
 Concen: 17.328 ug/l
 RT: 3.91 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: VN062103.D
 Acq: 25 Jun 2020 11:40

Tgt Ion	Ratio	Lower	Upper
142	100		
127	44.1	33.6	50.4
141	13.4	11.3	16.9





#11

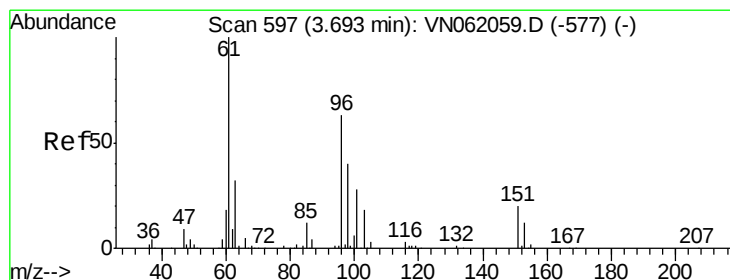
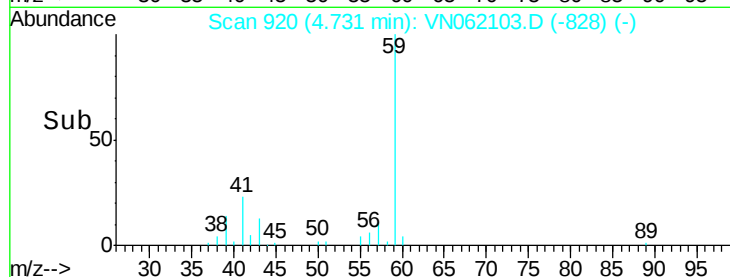
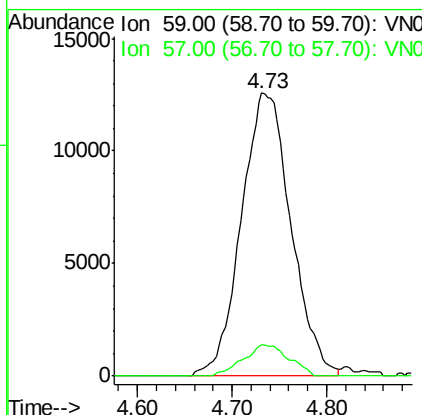
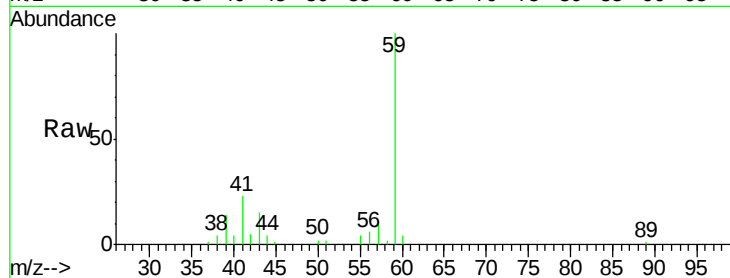
Tert butyl alcohol
 Concen: 96.024 ug/l
 RT: 4.73 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VN062103.D
 Acq: 25 Jun 2020 11:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.3	12.5

Manual Integrations
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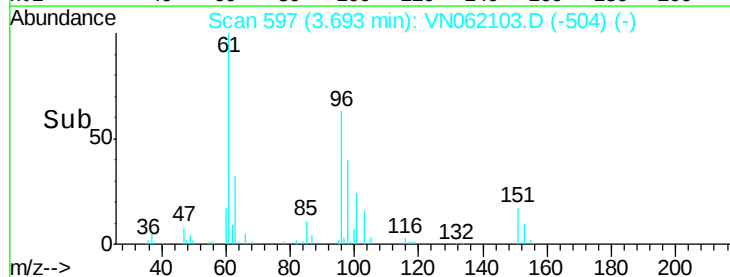
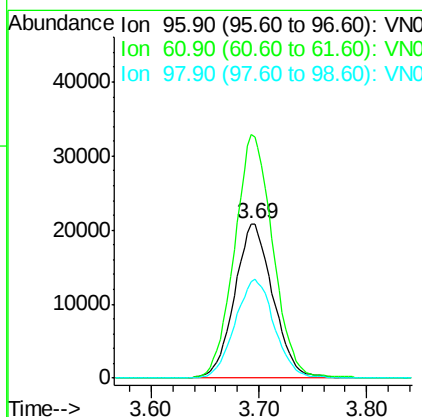
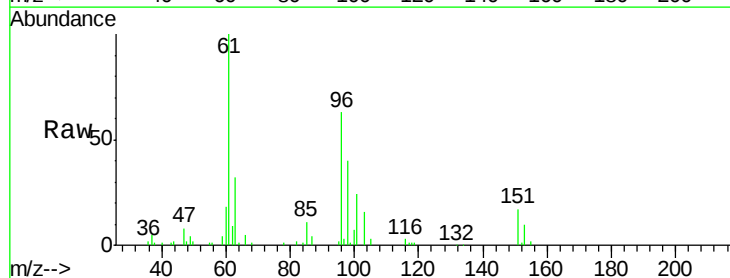
MMDadoda
 6/26/2020 7:00:55 PM

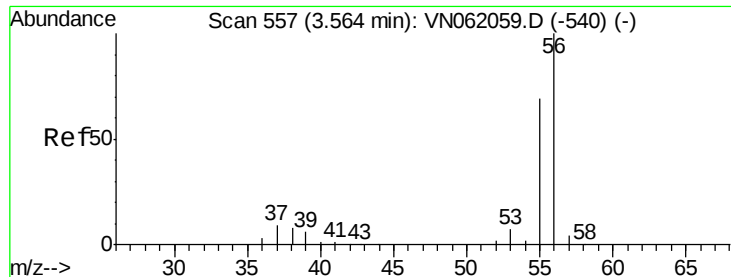


#12

1,1-Dichloroethene
 Concen: 18.966 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062103.D
 Acq: 25 Jun 2020 11:40

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.6	126.7	190.1
98	62.4	51.0	76.4





#13

Acrolein

Concen: 99.470 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062103.D

Acq: 25 Jun 2020 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBS01

Tot Ion: 56 Resp: 46510

Ion Ratio Lower Upper

56 100

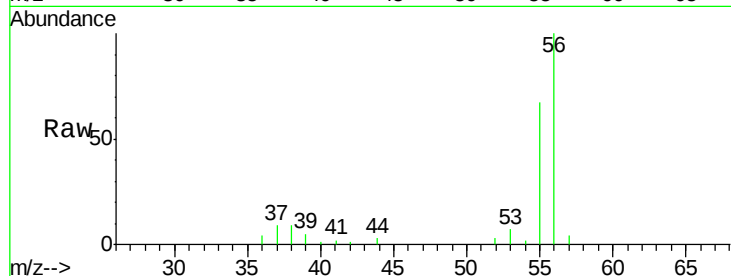
55 67.5 55.5 83.3

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Abundance Ion 56.00 (55.70 to 56.70): VN062103.D (-464) (-)

Ion 55.00 (54.70 to 55.70): VN062103.D (-464) (-)

3.57

20000

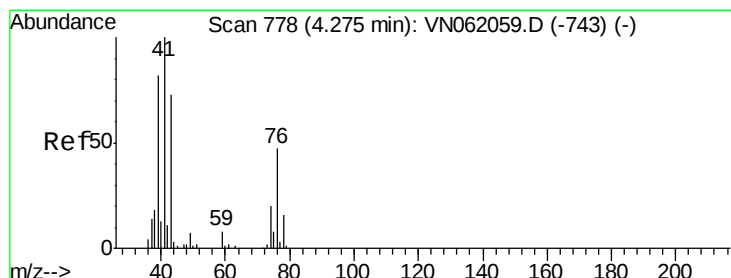
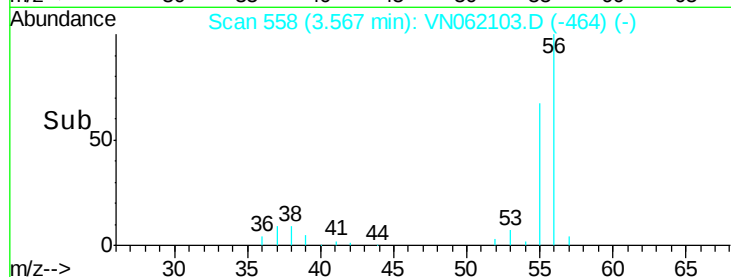
15000

10000

5000

0

Time-->



#14

Allyl chloride

Concen: 19.251 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062103.D

Acq: 25 Jun 2020 11:40

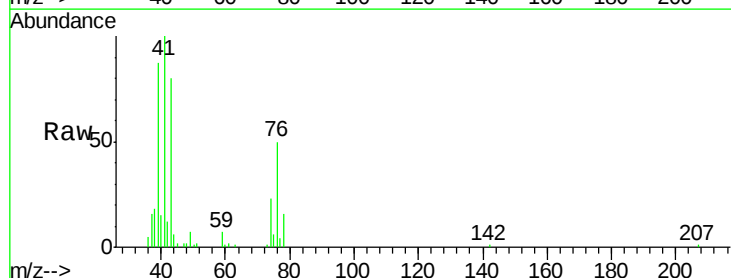
Tgt Ion: 41 Resp: 71332

Ion Ratio Lower Upper

41 100

39 76.0 60.0 90.0

76 43.6 34.1 51.1



Abundance Ion 41.00 (40.70 to 41.70): VN062103.D (-685) (-)

Ion 39.00 (38.70 to 39.70): VN062103.D (-685) (-)

Ion 75.90 (75.60 to 76.60): VN062103.D (-685) (-)

4.27

30000

25000

20000

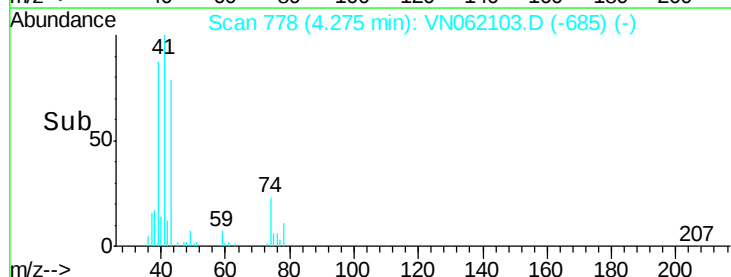
15000

10000

5000

0

Time-->





#15

Acrylonitrile

Concen: 98.651 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062103.D

Acq: 25 Jun 2020 11:40

Instrument :

MSVOA_N

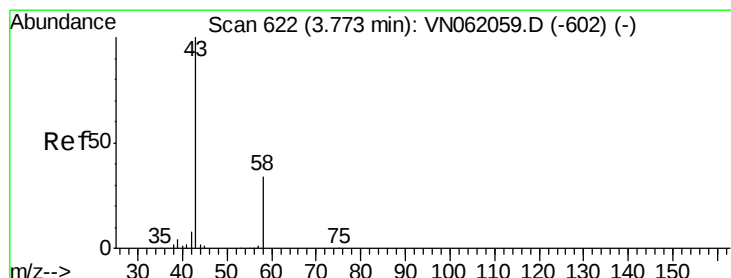
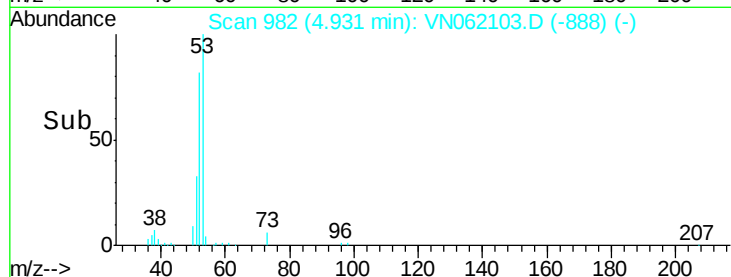
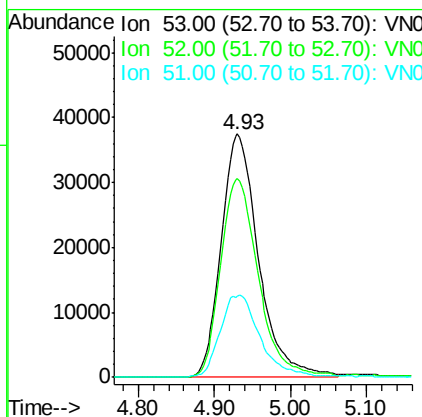
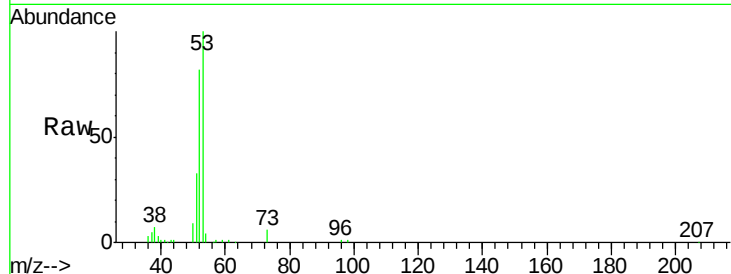
ClientSampleId :

VN0625WBS01

Tot Ion:	53	Resp:	128386
Ion Ratio		Lower	Upper
53	100		
52	82.7	66.2	99.4
51	36.0	28.9	43.3

Manual Integrations
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6/26/2020 7:00:55 PM



#16

Acetone

Concen: 105.937 ug/l

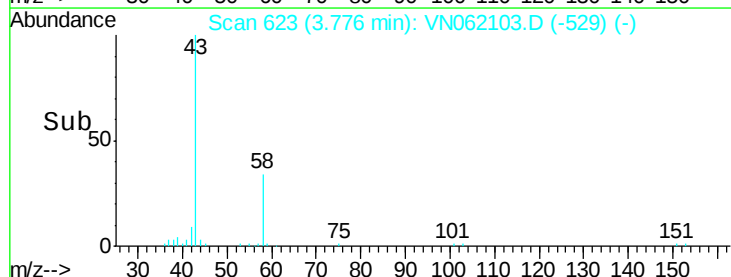
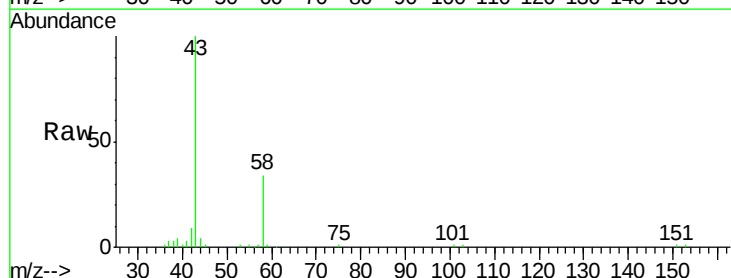
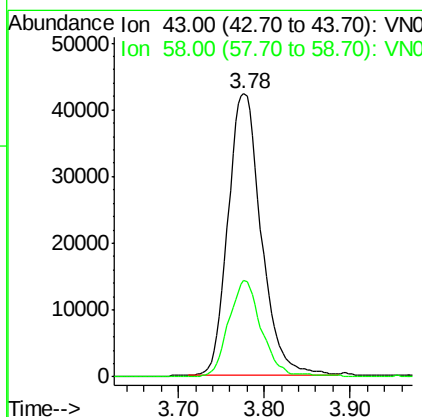
RT: 3.78 min Scan# 623

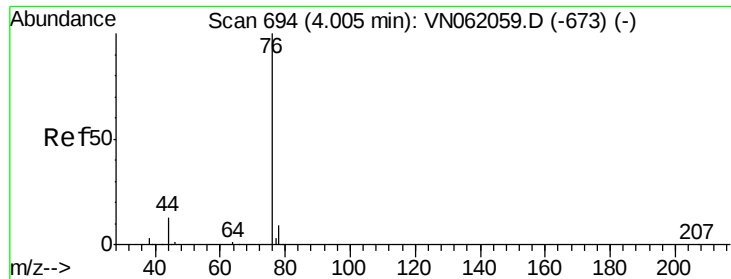
Delta R.T. 0.00 min

Lab File: VN062103.D

Acq: 25 Jun 2020 11:40

Tgt Ion:	43	Resp:	113043
Ion Ratio		Lower	Upper
43	100		
58	34.2	27.5	41.3





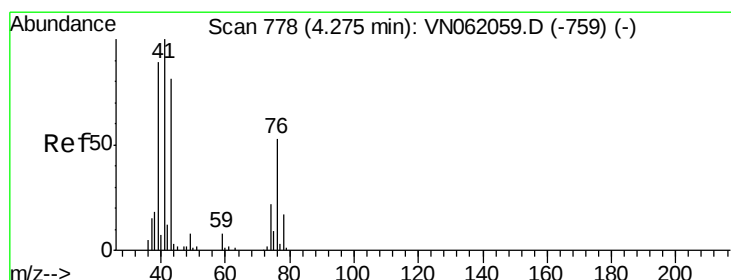
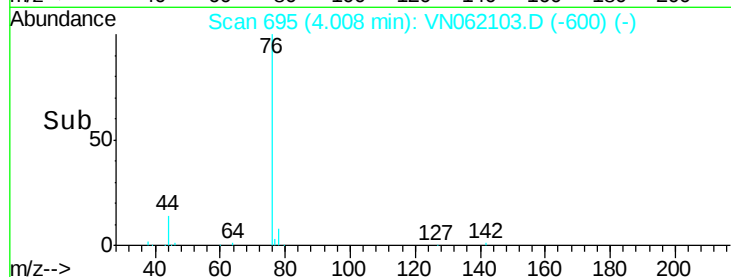
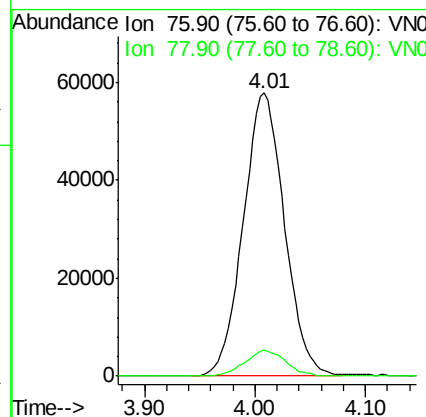
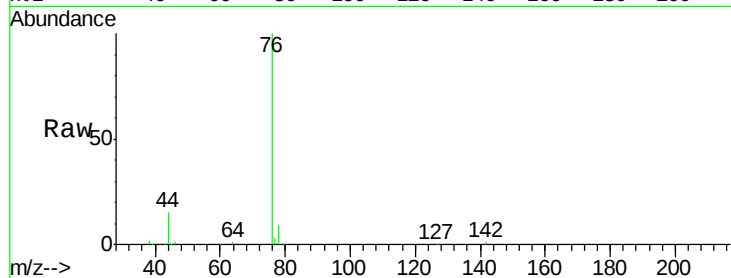
#17
Carbon Disulfide
Concen: 19.244 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062103.D
Acq: 25 Jun 2020 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.2	10.8

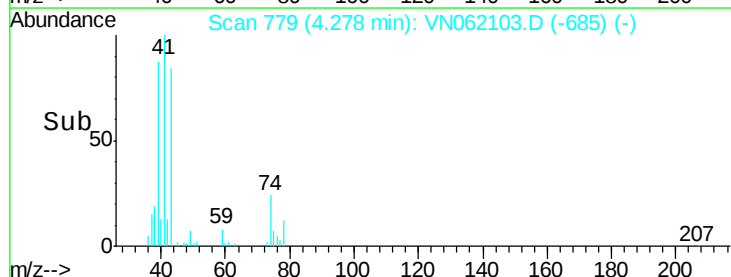
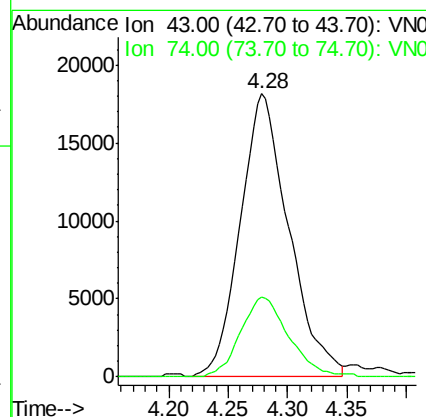
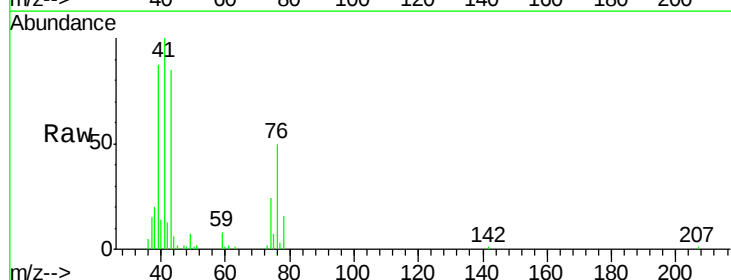
Manual Integrations
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6/26/2020 7:00:55 PM



#18
Methyl Acetate
Concen: 19.404 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN062103.D
Acq: 25 Jun 2020 11:40

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.1	22.9	34.3





#19

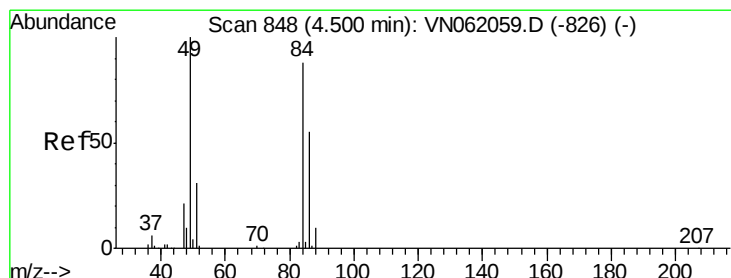
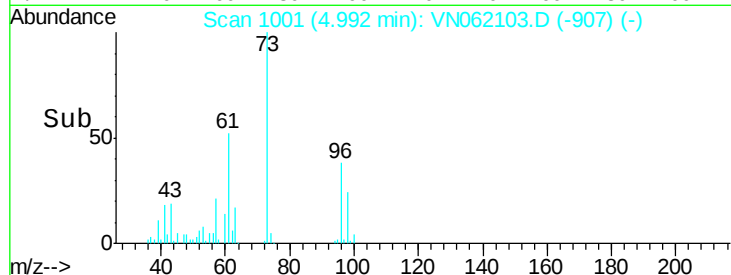
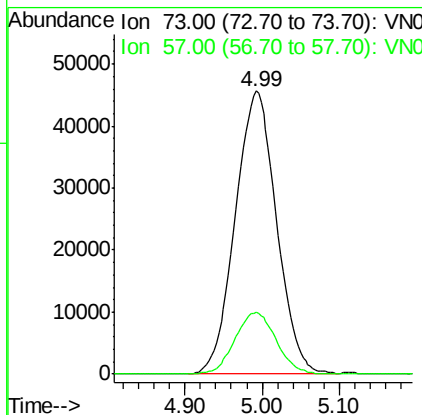
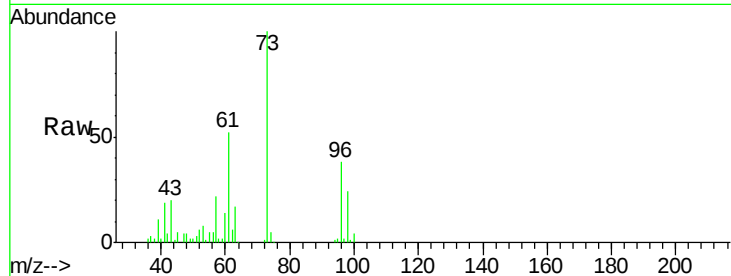
Methyl tert-butyl Ether
 Concen: 19.479 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VN062103.D
 Acq: 25 Jun 2020 11:40

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0625WBS01

Tot Ion: 73 Resp: 169400
 Ion Ratio Lower Upper
 73 100
 57 21.7 16.6 24.8

Manual Integrations
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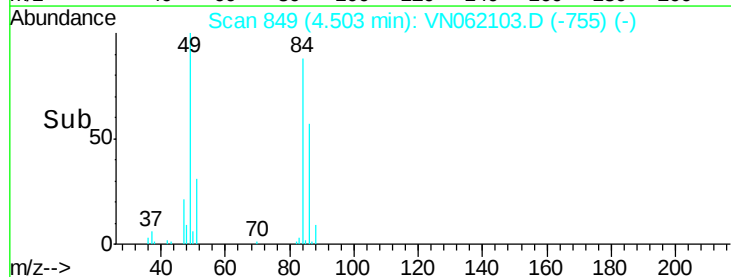
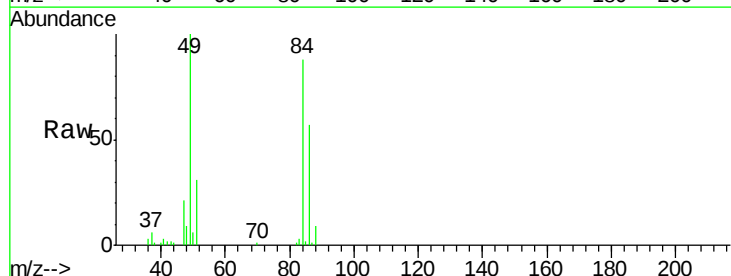
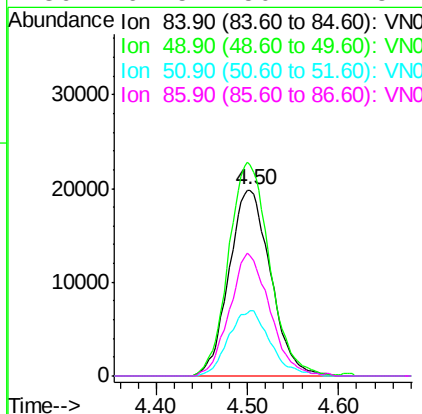
MMDadoda
 6/26/2020 7:00:55 PM

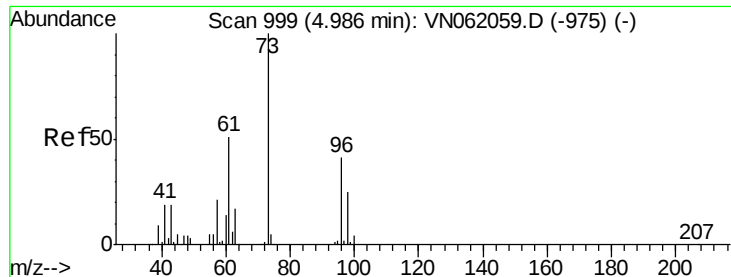


#20

Methylene Chloride
 Concen: 20.530 ug/l
 RT: 4.50 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: VN062103.D
 Acq: 25 Jun 2020 11:40

Tgt Ion: 84 Resp: 63079
 Ion Ratio Lower Upper
 84 100
 49 113.6 90.6 136.0
 51 35.1 27.8 41.8
 86 64.5 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 18.743 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN062103.D

Acq: 25 Jun 2020 11:40

Instrument :

MSVOA_N

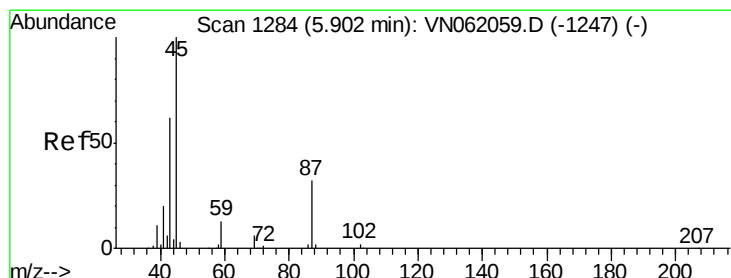
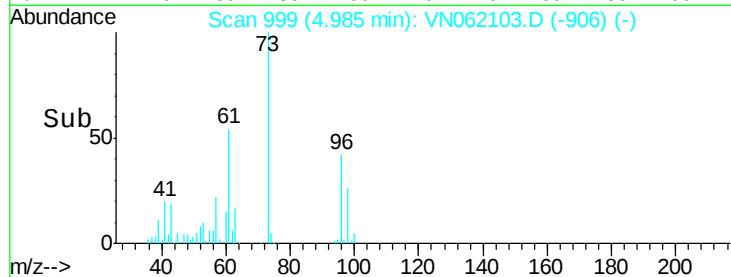
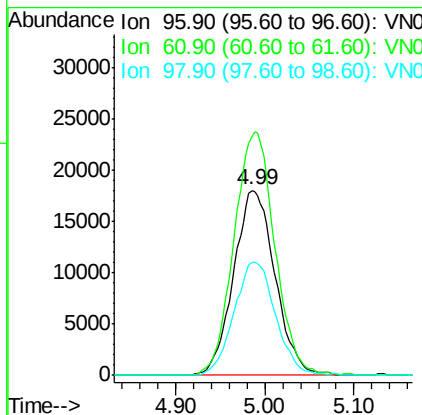
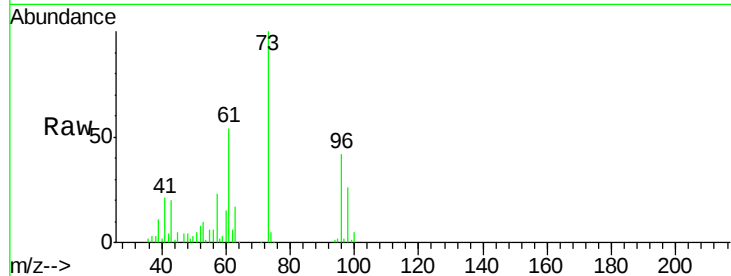
ClientSampleId :

VN0625WBS01

Tot Ion:	96	Resp:	58112
Ion	Ratio	Lower	Upper
96	100		
61	129.7	101.4	152.2
98	60.9	49.3	73.9

Manual Integrations
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6/26/2020 7:00:55 PM



#22

Diisopropyl ether

Concen: 19.154 ug/l

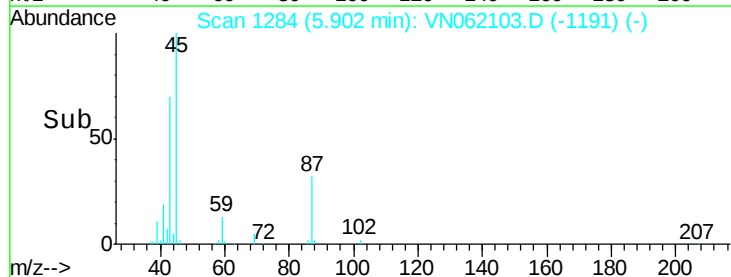
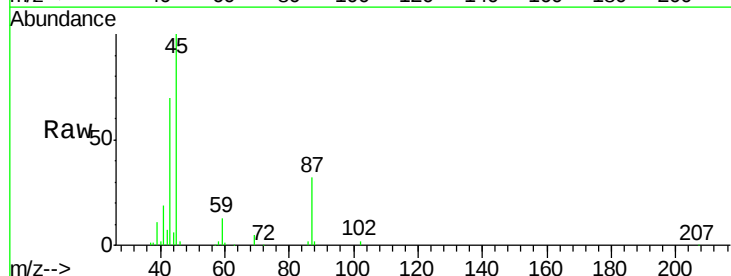
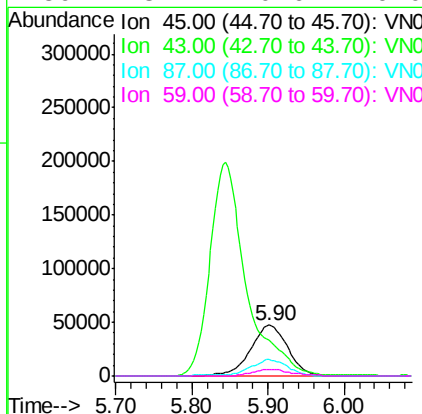
RT: 5.90 min Scan# 1284

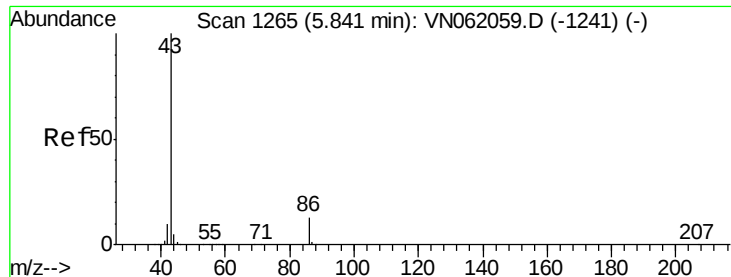
Delta R.T. -0.00 min

Lab File: VN062103.D

Acq: 25 Jun 2020 11:40

Tgt Ion:	45	Resp:	161606
Ion	Ratio	Lower	Upper
45	100		
43	67.6	49.7	74.5
87	31.7	25.9	38.9
59	13.2	10.6	16.0





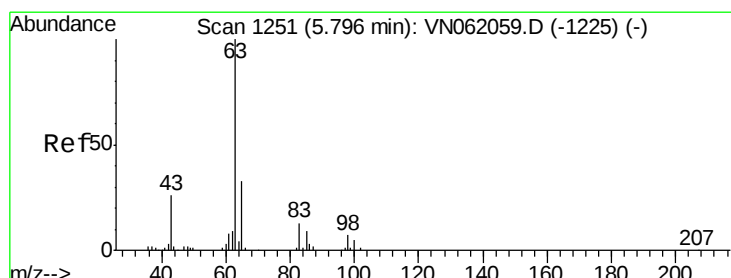
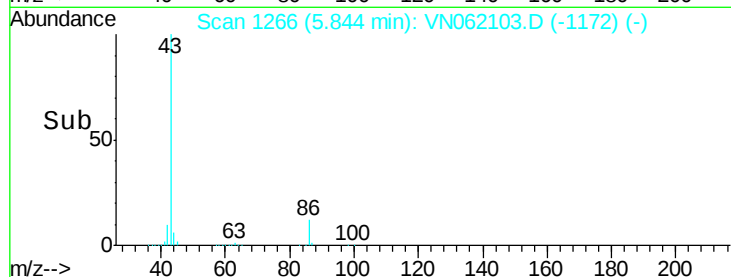
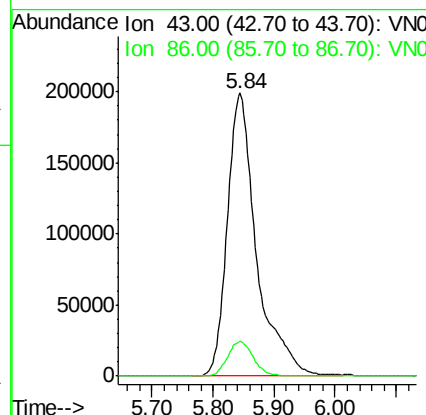
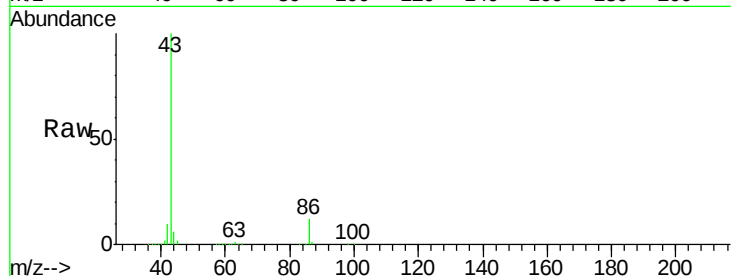
#23
 Vinyl Acetate
 Concen: 96.101 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: VN062103.D
 Acq: 25 Jun 2020 11:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBS01

Tot Ion	43	Resp	661972
Ion Ratio	Lower	Upper	
43	100		
86	12.2	10.1	15.1

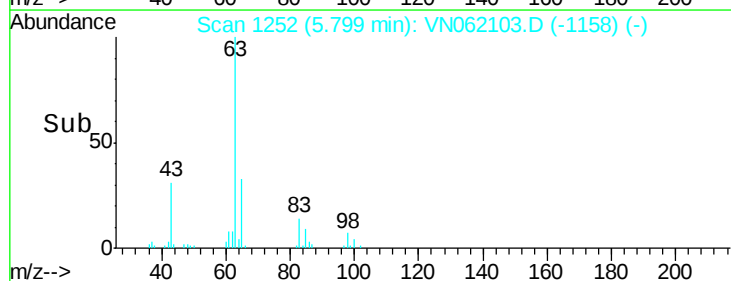
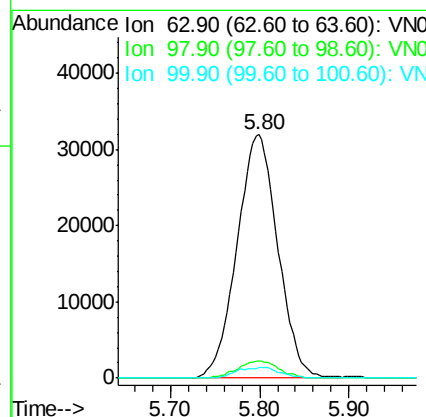
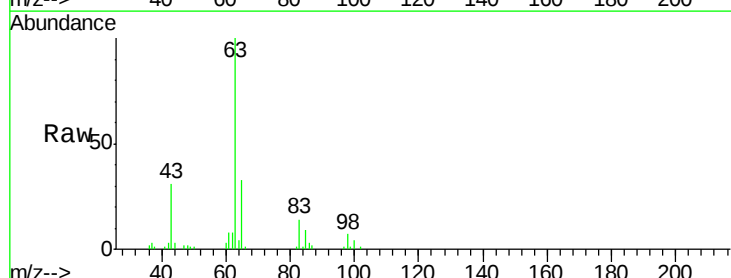
Manual Integrations
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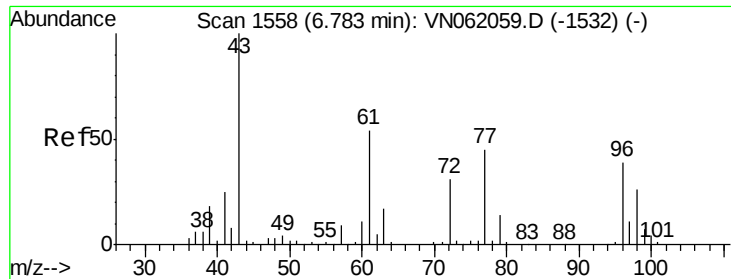
MMDadoda
 6/26/2020 7:00:55 PM



#24
 1,1-Dichloroethane
 Concen: 18.651 ug/l
 RT: 5.80 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VN062103.D
 Acq: 25 Jun 2020 11:40

Tgt Ion	63	Resp	101331
Ion Ratio	Lower	Upper	
63	100		
98	7.1	3.6	10.9
100	4.2	2.4	7.1





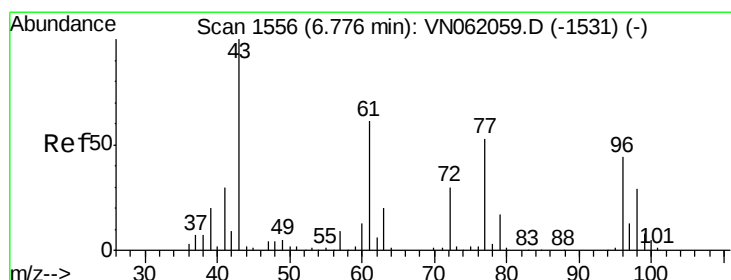
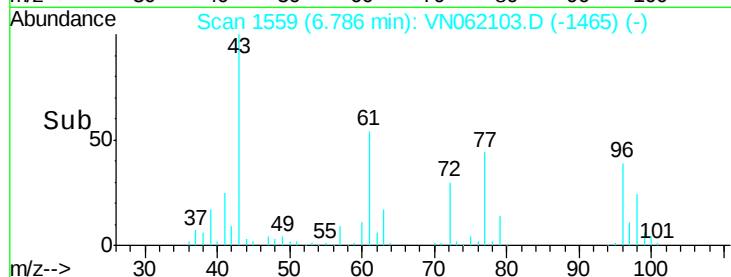
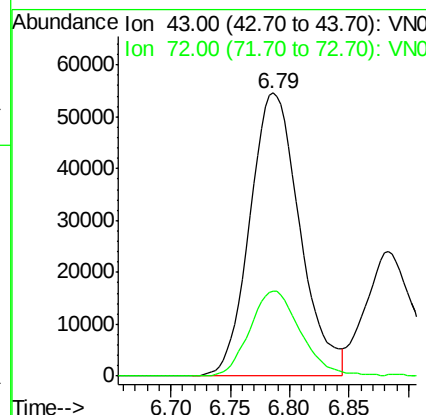
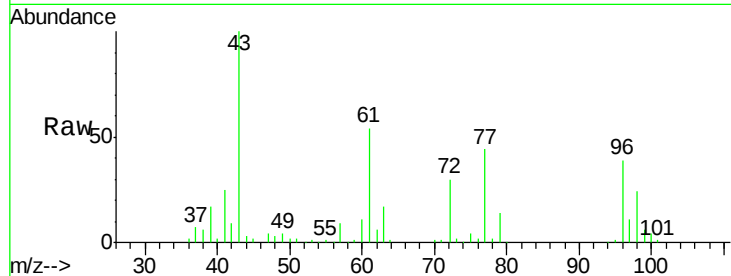
#25
2-Butanone
Concen: 97.798 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN062103.D
Acq: 25 Jun 2020 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01

Tot Ion: 43 Resp: 159003
Ion Ratio Lower Upper
43 100
72 30.1 24.8 37.2

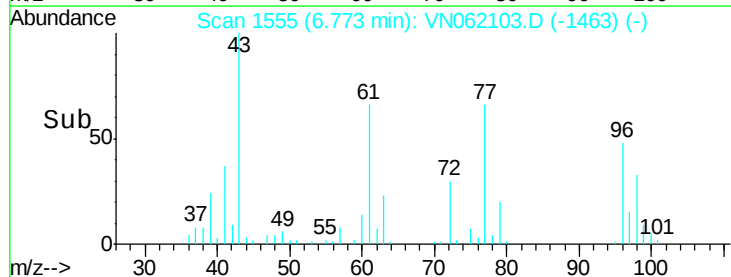
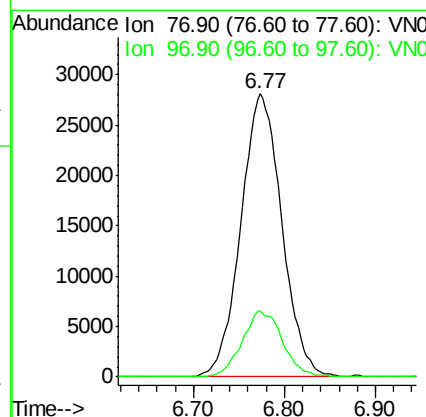
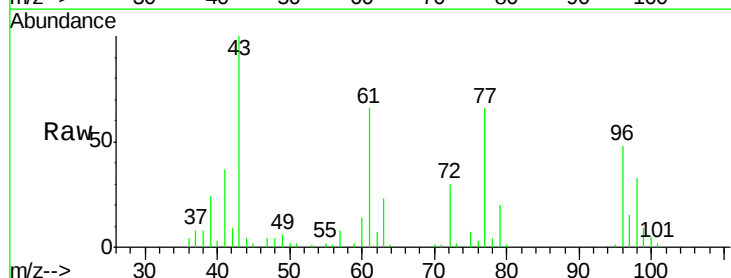
Manual Integrations
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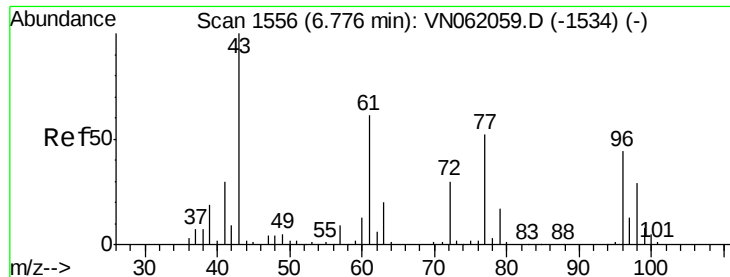
MMDadoda
6/26/2020 7:00:55 PM



#26
2,2-Dichloropropane
Concen: 19.412 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN062103.D
Acq: 25 Jun 2020 11:40

Tgt Ion: 77 Resp: 87886
Ion Ratio Lower Upper
77 100
97 22.8 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 18.598 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062103.D

Acq: 25 Jun 2020 11:40

Instrument :

MSVOA_N

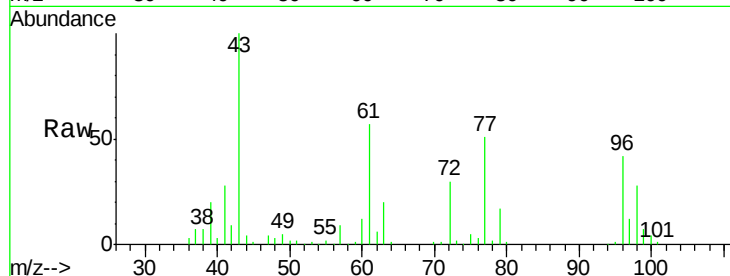
ClientSampleId :

VN0625WBS01

Tot Ion:	96	Resp:	64886
Ion	Ratio	Lower	Upper
96	100		
61	137.0	0.0	280.4
98	64.9	0.0	129.4

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6/26/2020 7:00:55 PM

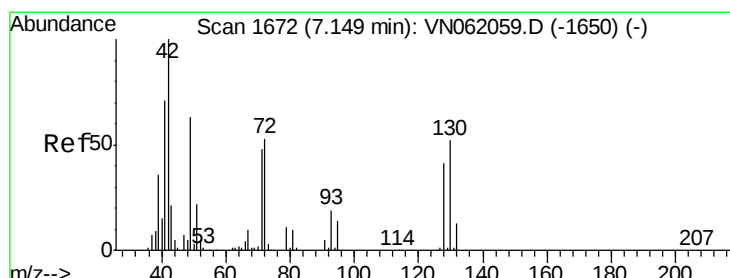
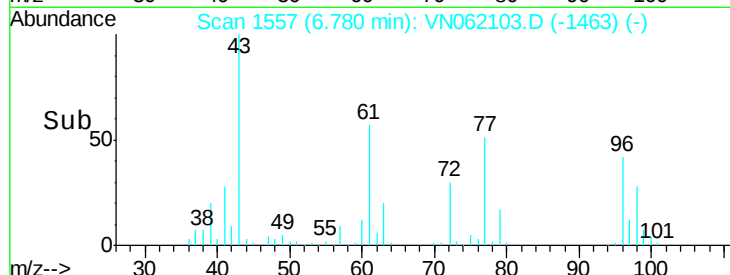
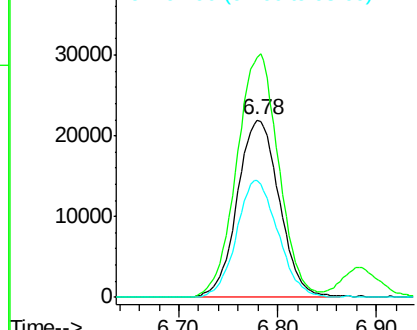


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 18.524 ug/l

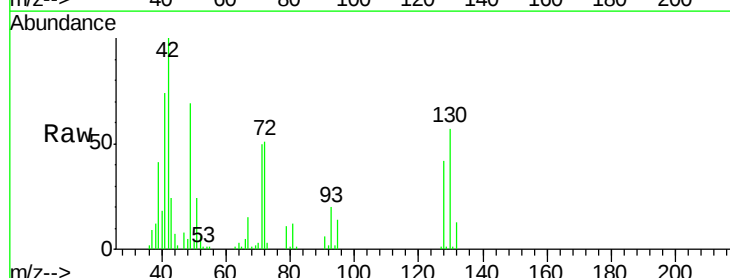
RT: 7.15 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VN062103.D

Acq: 25 Jun 2020 11:40

Tgt Ion:	49	Resp:	43665
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.4
130	80.6	65.5	98.3

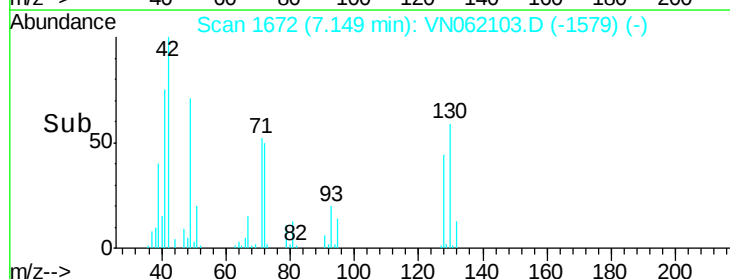
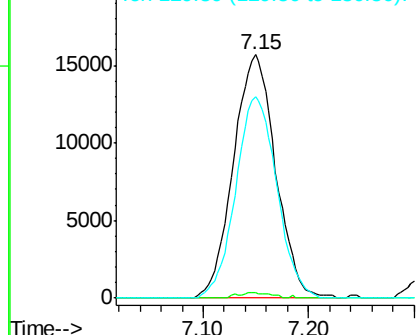


Abundance

Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





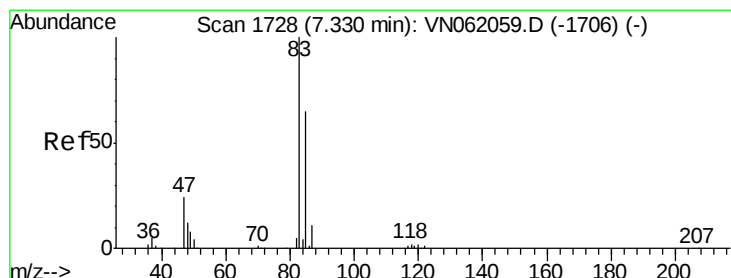
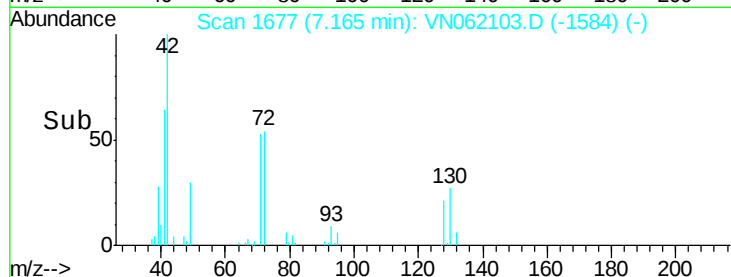
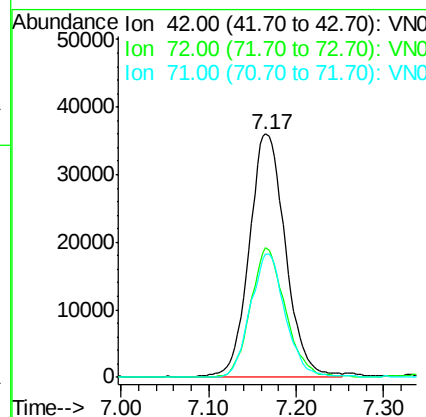
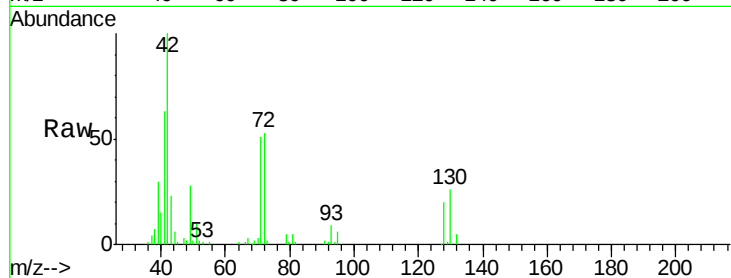
#29
Tetrahydrofuran
Concen: 97.492 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062103.D
Acq: 25 Jun 2020 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.2	41.1	61.7
71	48.5	38.2	57.4

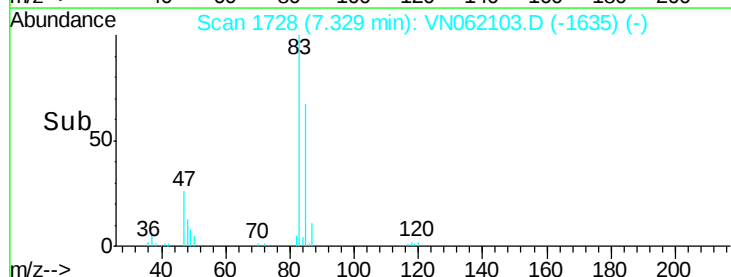
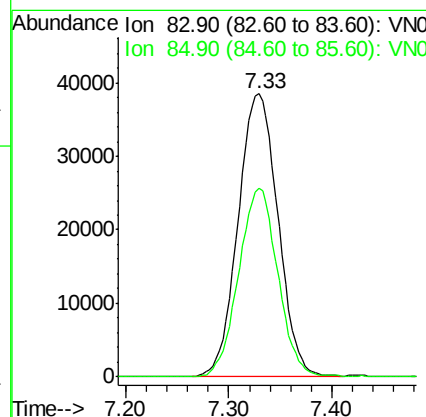
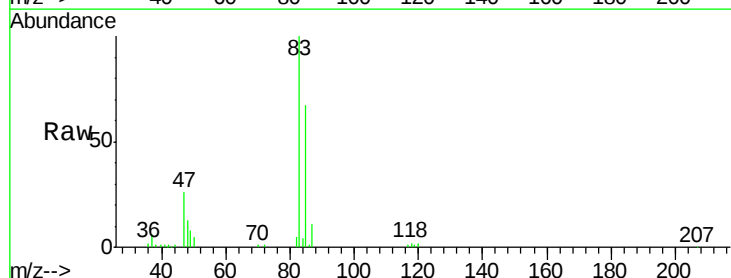
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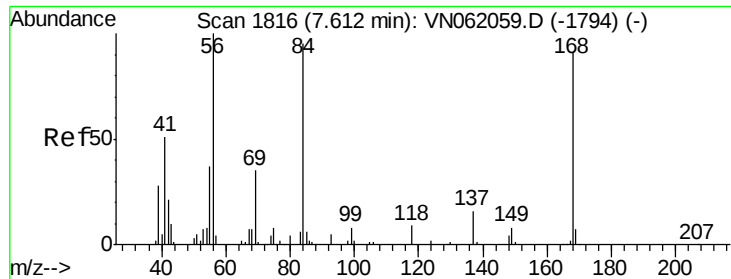
MMDadoda
6/26/2020 7:00:55 PM



#30
Chloroform
Concen: 18.750 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062103.D
Acq: 25 Jun 2020 11:40

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.6	52.3	78.5





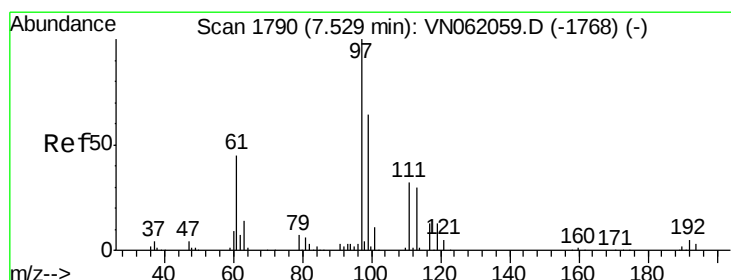
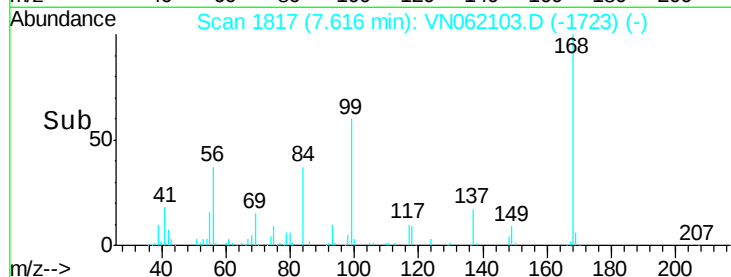
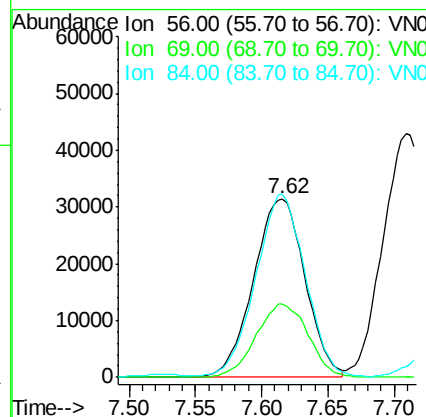
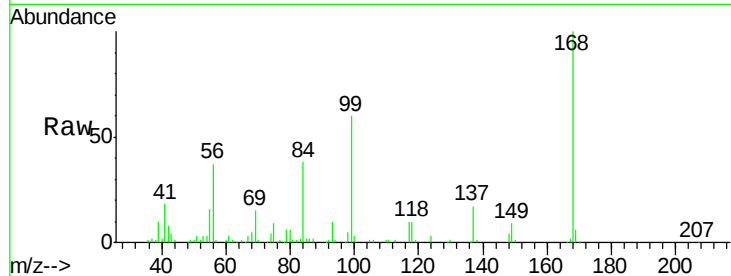
#31
Cvclohexane
Concen: 18.481 ug/l
RT: 7.62 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VN062103.D
Acq: 25 Jun 2020 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01

Tot Ion	56	Resp	84930
Ion Ratio	100	Lower	Upper
56	100		
69	41.3	28.0	42.0
84	101.6	76.1	114.1

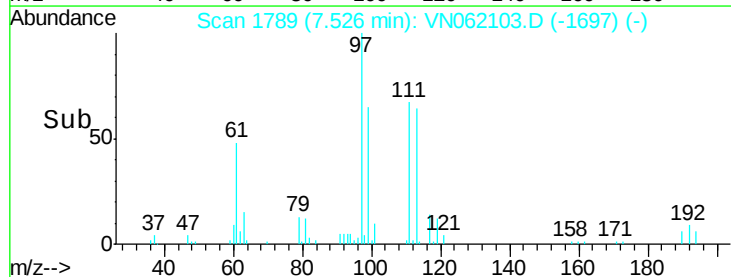
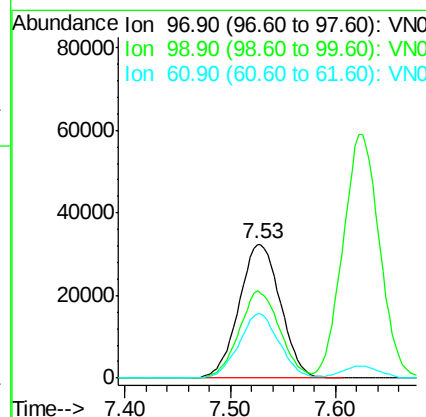
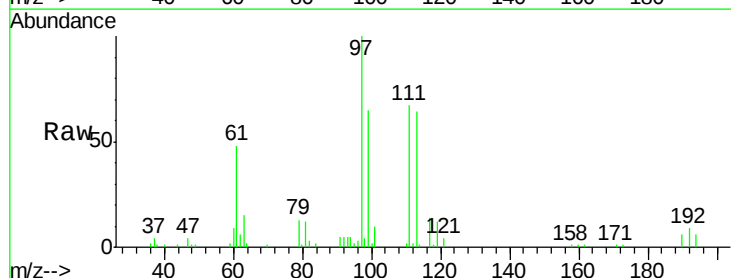
Manual Integrations
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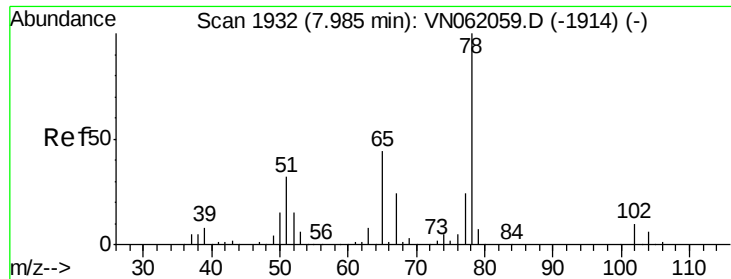
MMDadoda
6/26/2020 7:00:55 PM



#32
1,1,1-Trichloroethane
Concen: 18.994 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN062103.D
Acq: 25 Jun 2020 11:40

Tgt Ion	97	Resp	88541
Ion Ratio	100	Lower	Upper
97	100		
99	63.5	51.0	76.4
61	47.1	36.2	54.2





#33

1,2-Dichloroethane-d4

Concen: 50.042 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062103.D

Acq: 25 Jun 2020 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBS01

Tot Ion: 65 Resp: 166454

Ion Ratio Lower Upper

65 100

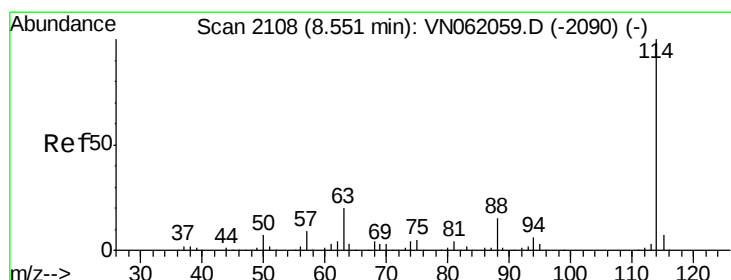
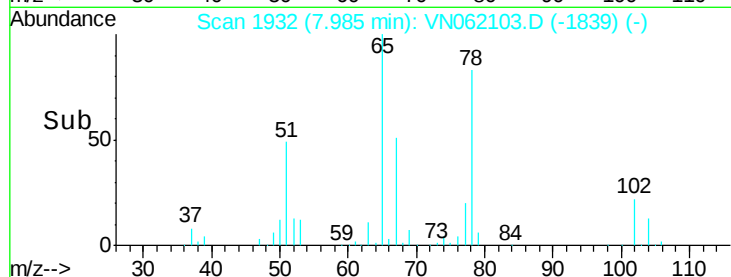
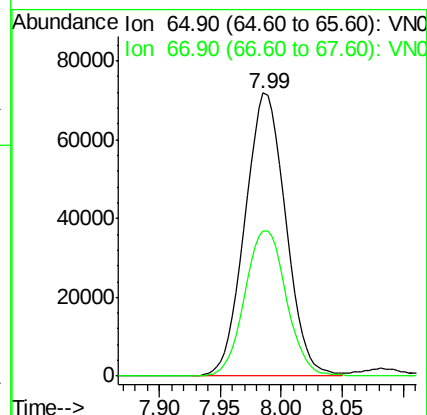
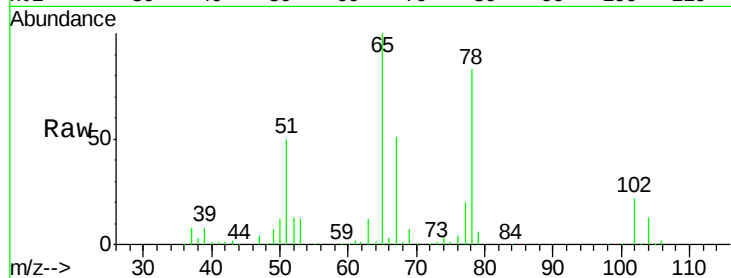
67 52.4 0.0 106.2

Manual Integrations

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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: VN062103.D

Acq: 25 Jun 2020 11:40

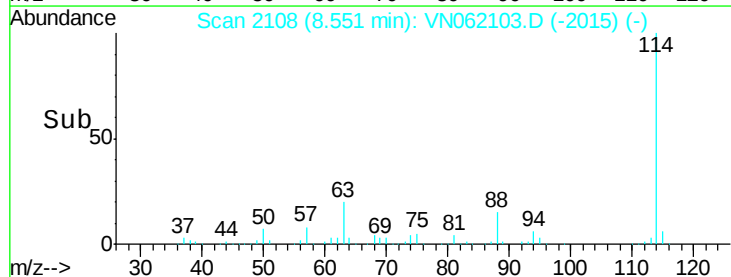
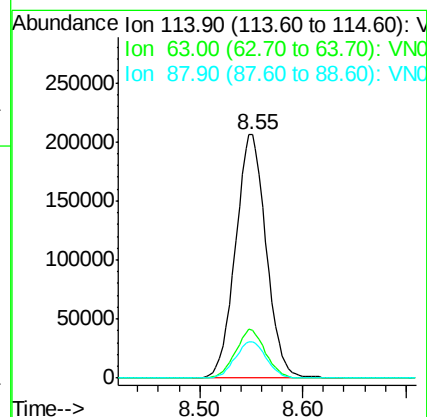
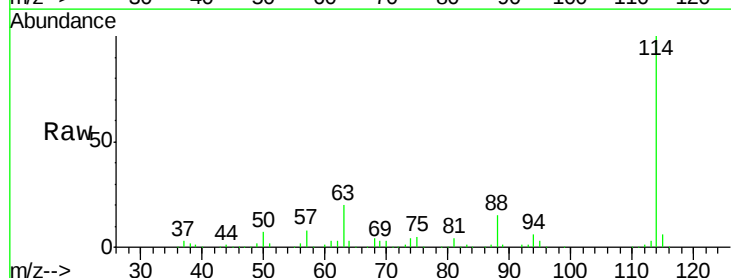
Tgt Ion: 114 Resp: 425869

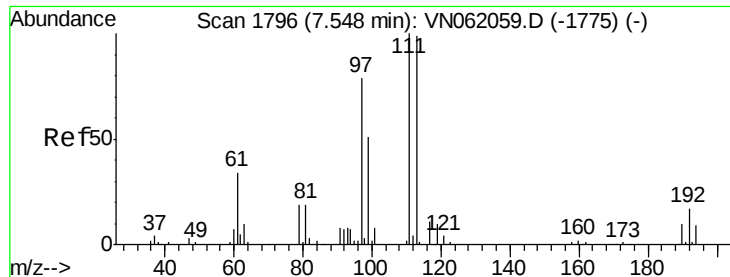
Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.2

88 14.9 0.0 30.8





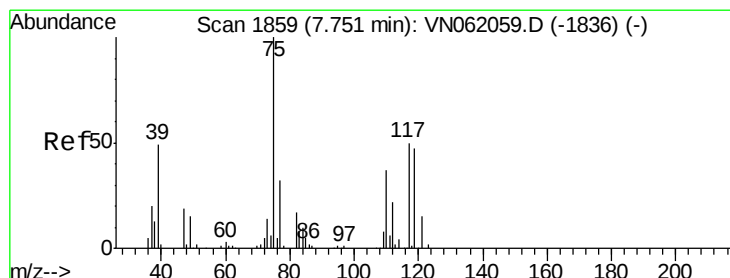
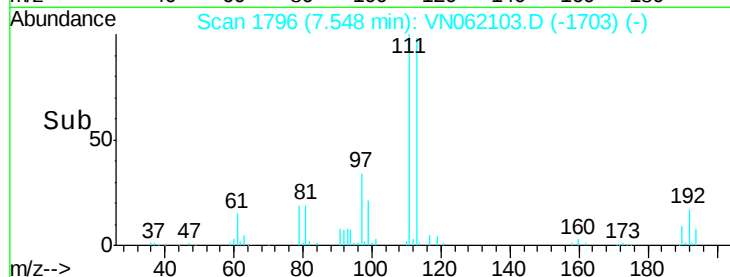
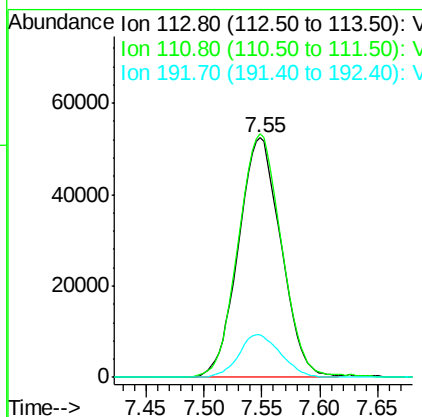
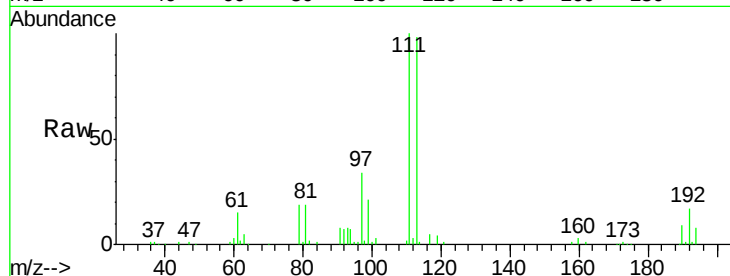
#35
 Dibromofluoromethane
 Concen: 49.104 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062103.D
 Acq: 25 Jun 2020 11:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	134159		
111	102.6	82.2	123.4	
192	17.5	14.0	21.0	

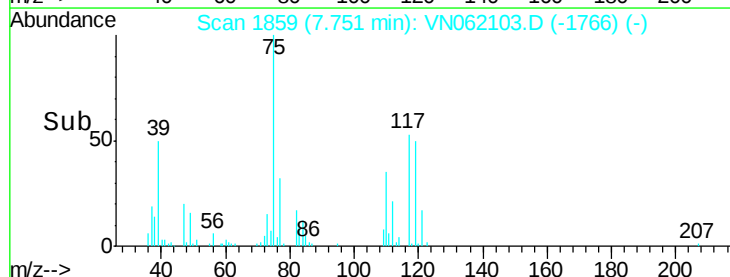
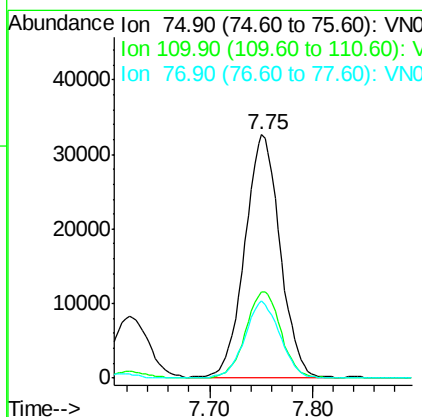
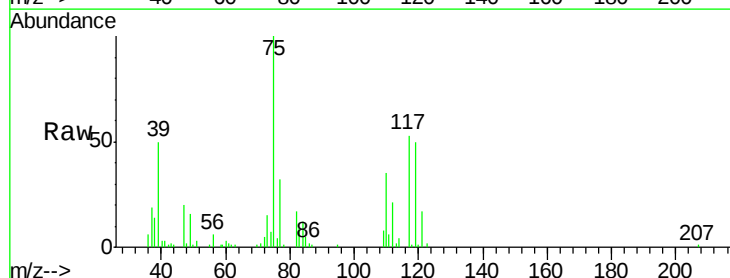
Manual Integrations
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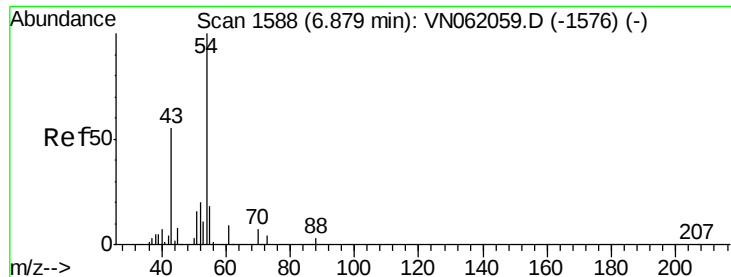
MMDadoda
 6/26/2020 7:00:55 PM



#36
 1,1-Dichloropropene
 Concen: 18.173 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062103.D
 Acq: 25 Jun 2020 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	77792		
110	35.3	17.9	53.8	
77	31.4	24.9	37.3	





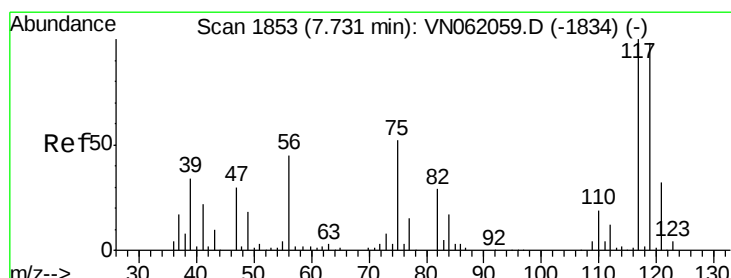
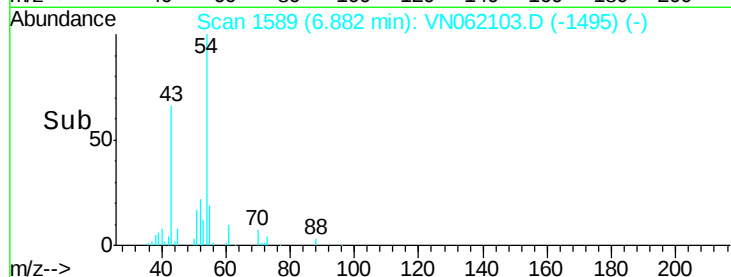
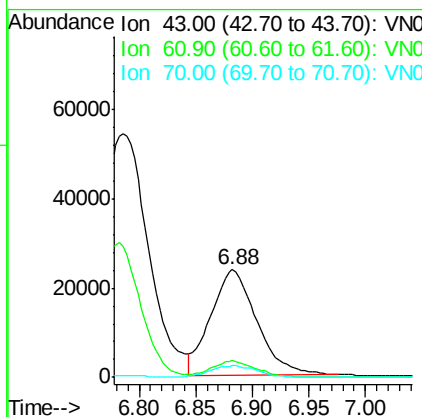
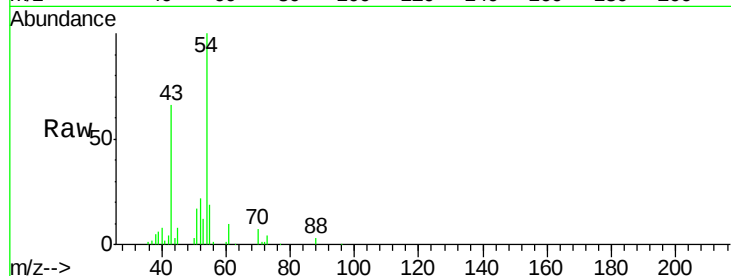
#37
Ethyl Acetate
Concen: 19.022 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN062103.D
Acq: 25 Jun 2020 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01

Tot Ion	43	Ratio	Lower	Upper
43	100			
61	15.1	12.0	18.0	
70	11.3	9.6	14.4	

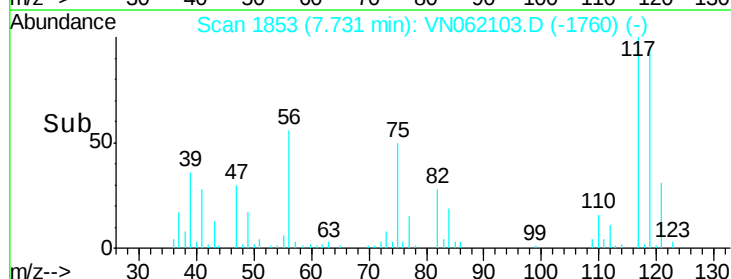
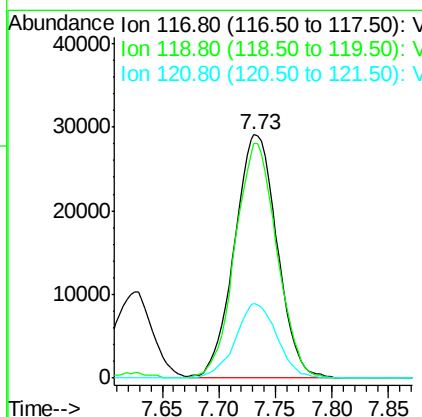
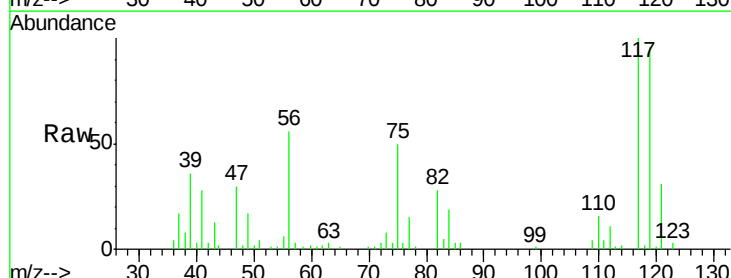
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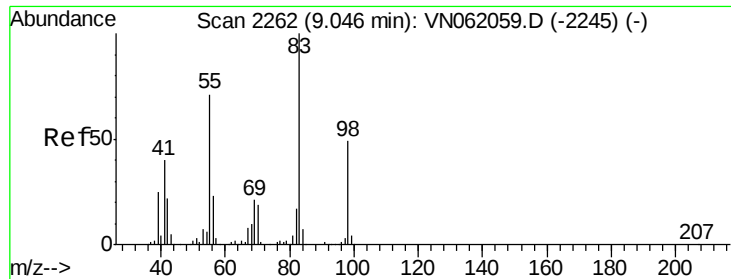
MMDadoda
6/26/2020 7:00:55 PM



#38
Carbon Tetrachloride
Concen: 18.911 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062103.D
Acq: 25 Jun 2020 11:40

Tgt Ion	117	Ratio	Lower	Upper
117	100			
119	96.4	78.2	117.2	
121	30.7	25.8	38.6	





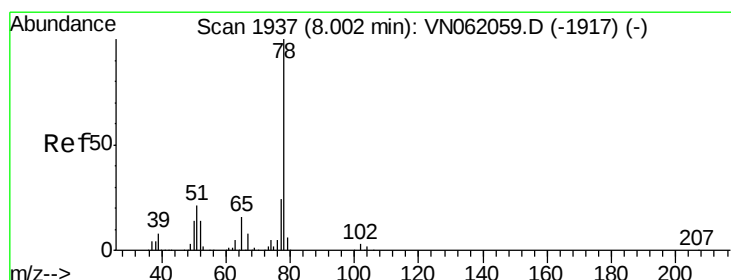
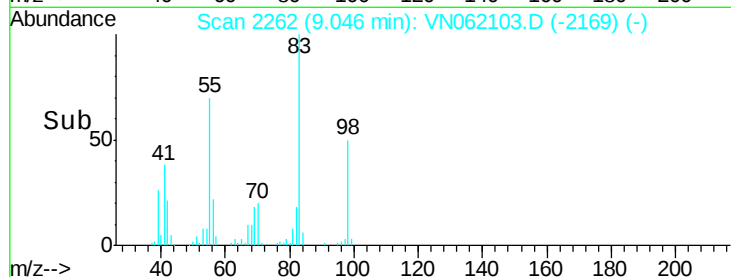
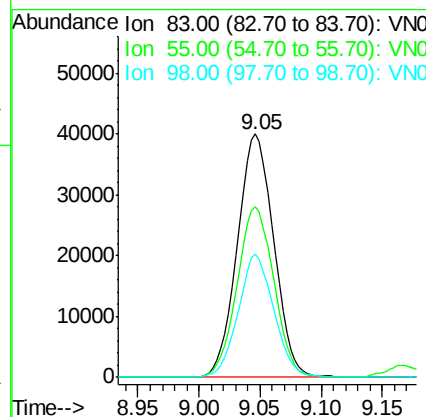
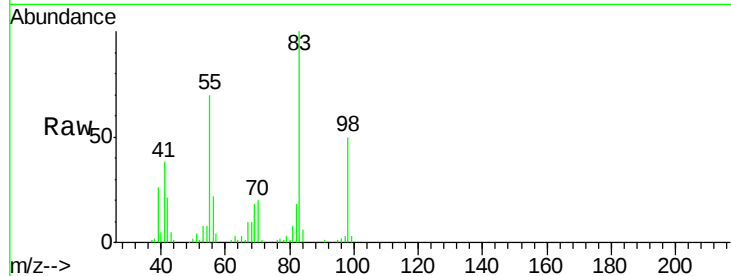
#39
Methvlcvclohexane
Concen: 17.672 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062103.D
Acq: 25 Jun 2020 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01

Tot Ion	83	Resp	82884
Ion Ratio	Lower	Upper	
83	100		
55	70.2	57.0	85.6
98	50.5	39.0	58.6

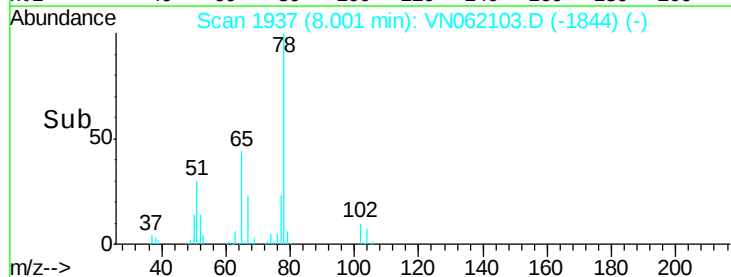
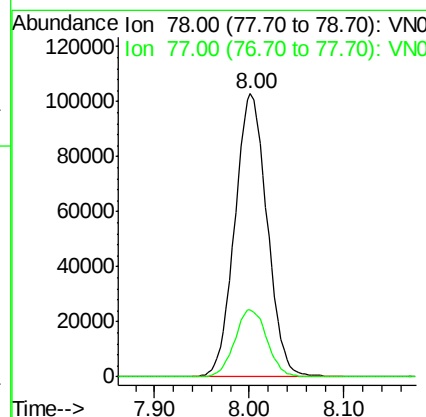
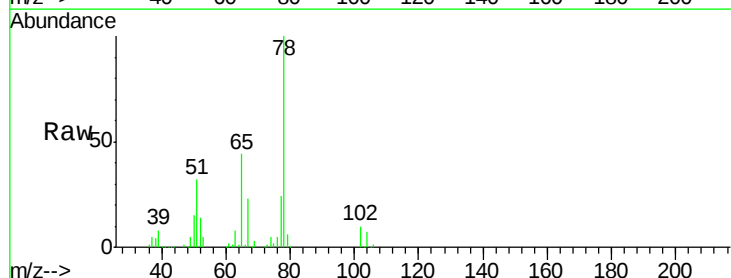
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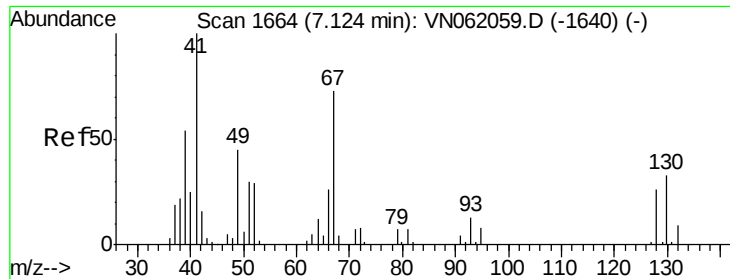
MMDadoda
6/26/2020 7:00:55 PM



#40
Benzene
Concen: 18.707 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062103.D
Acq: 25 Jun 2020 11:40

Tgt Ion	78	Resp	244076
Ion Ratio	Lower	Upper	
78	100		
77	23.5	19.5	29.3





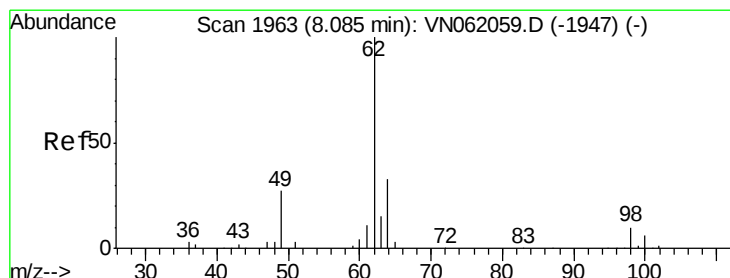
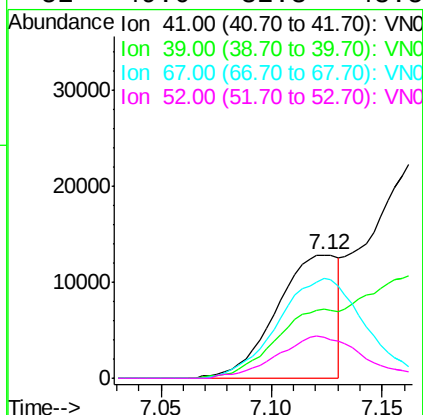
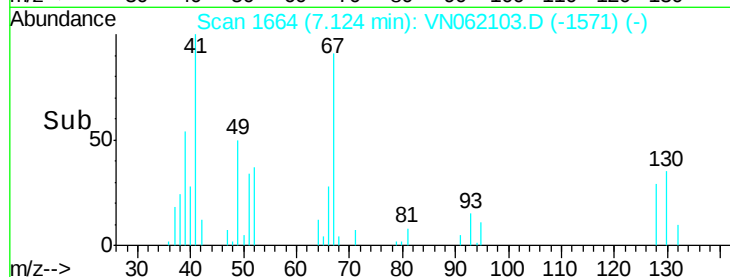
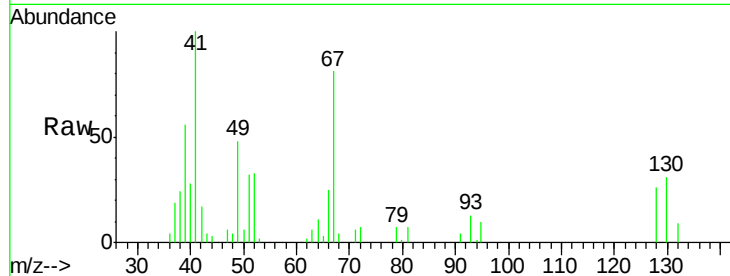
#41
Methacrylonitrile
Concen: 15.083 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VN062103.D
Acq: 25 Jun 2020 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	56.5	44.2	66.2
67	116.1	79.5	119.3
52	49.0	32.3	48.5

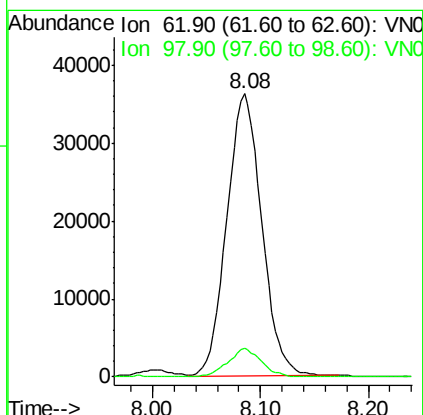
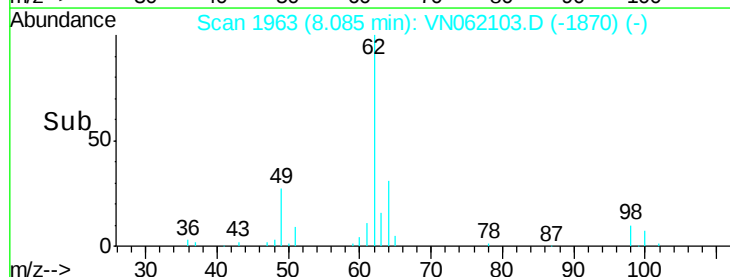
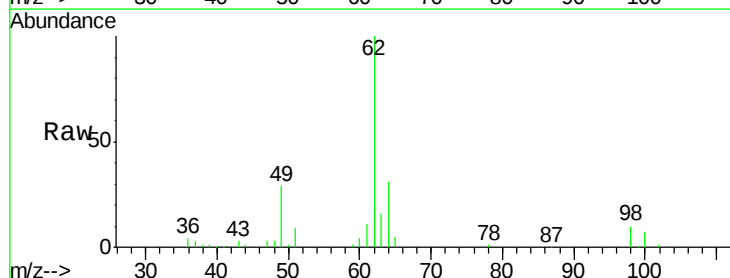
Manual Integrations
APPROVED

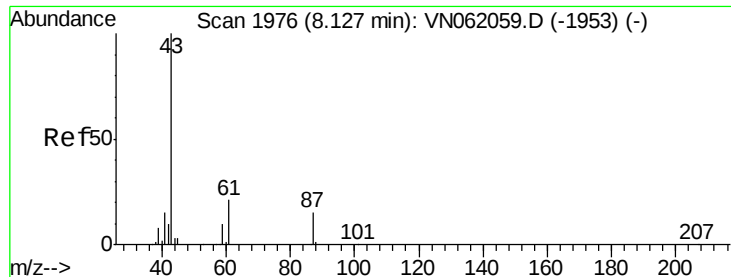
MMDadoda
6/26/2020 7:00:55 PM



#42
1,2-Dichloroethane
Concen: 18.626 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062103.D
Acq: 25 Jun 2020 11:40

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.8





#43

Isopropyl Acetate

Concen: 18.625 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062103.D

Acq: 25 Jun 2020 11:40

Instrument :

MSVOA_N

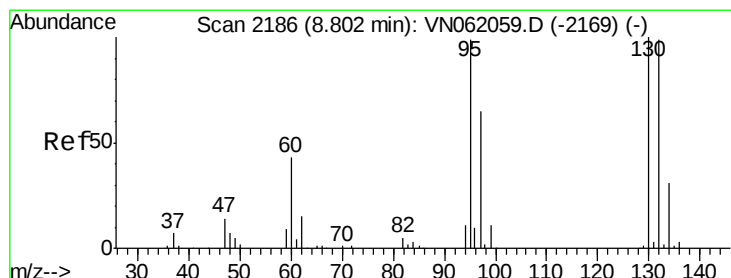
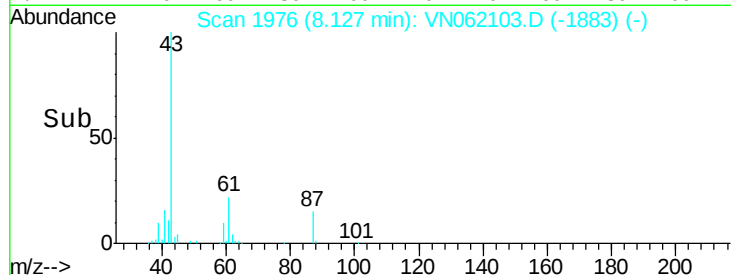
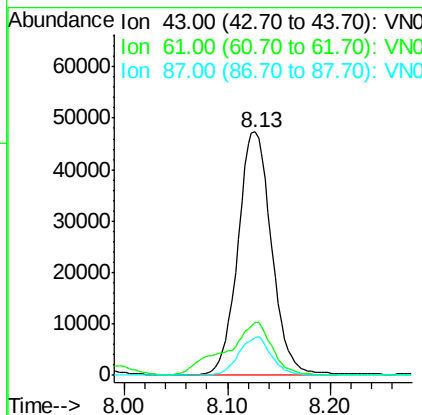
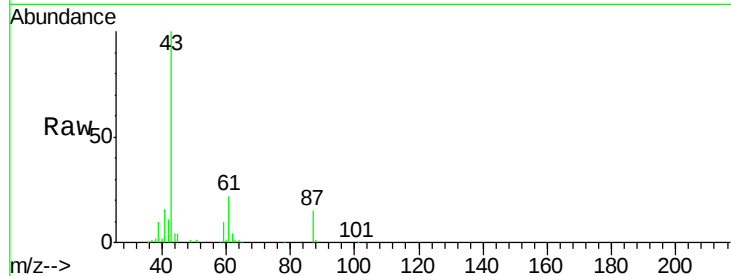
ClientSampleId :

VN0625WBS01

Tot Ion:	43	Resp:	107621
Ion Ratio	Lower	Upper	
43	100		
61	29.7	17.2	25.8#
87	15.2	12.1	18.1

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#44

Trichloroethene

Concen: 18.149 ug/l

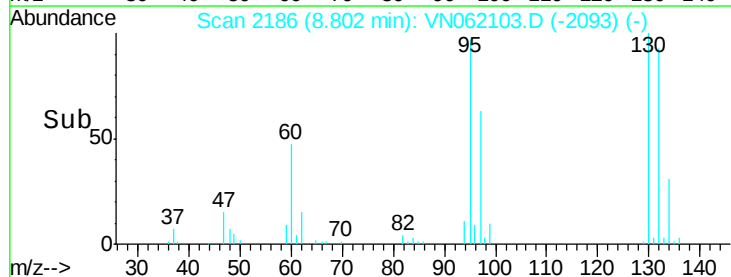
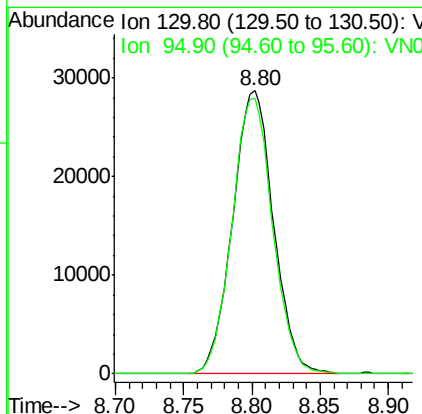
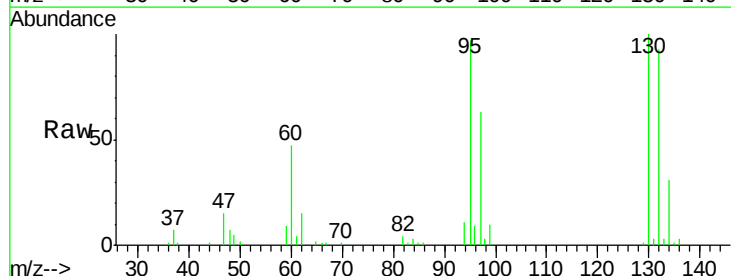
RT: 8.80 min Scan# 2186

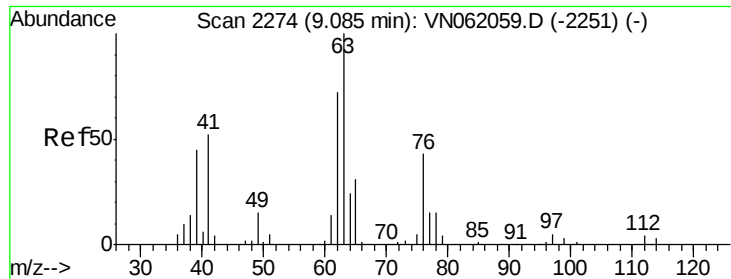
Delta R.T. -0.00 min

Lab File: VN062103.D

Acq: 25 Jun 2020 11:40

Tgt Ion:	130	Resp:	59732
Ion Ratio	Lower	Upper	
130	100		
95	97.3	0.0	197.8





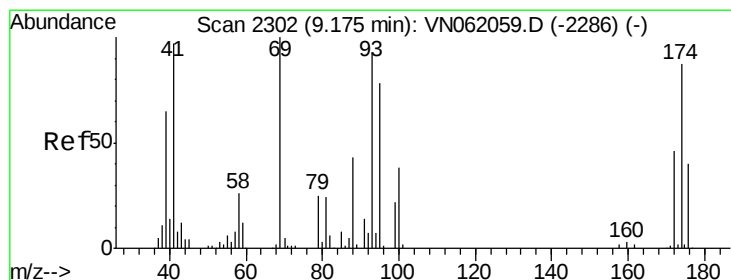
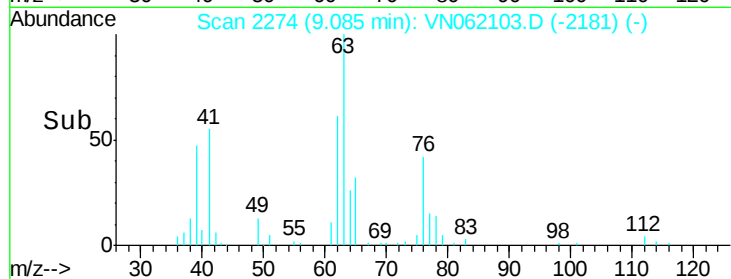
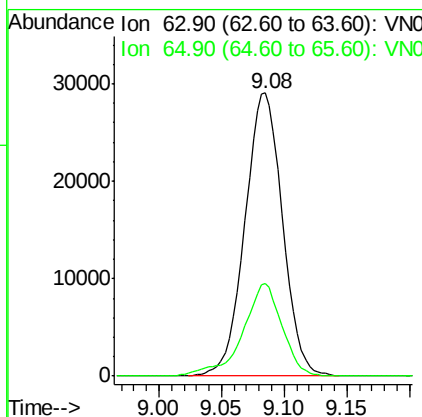
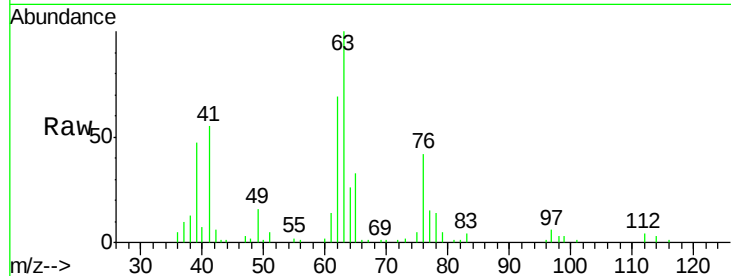
#45
 1,2-Dichloropropane
 Concen: 18.832 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062103.D
 Acq: 25 Jun 2020 11:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBS01

Tot Ion: 63 Resp: 60616
 Ion Ratio Lower Upper
 63 100
 65 32.9 25.0 37.4

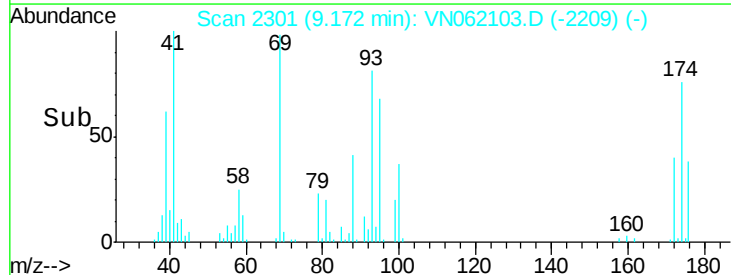
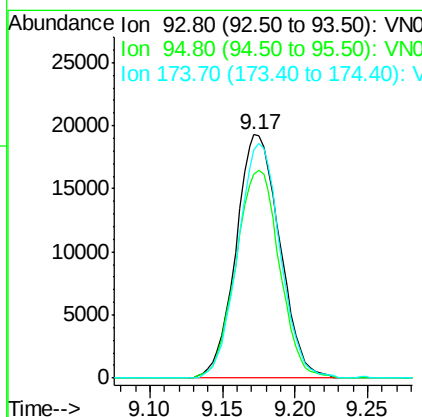
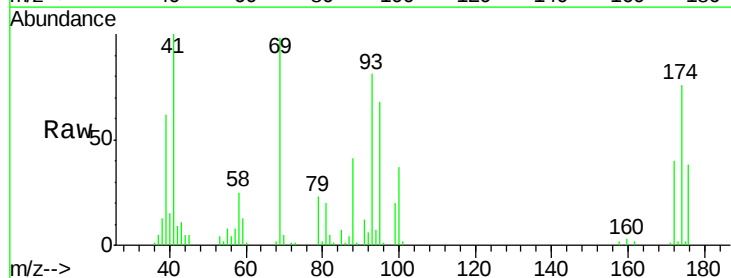
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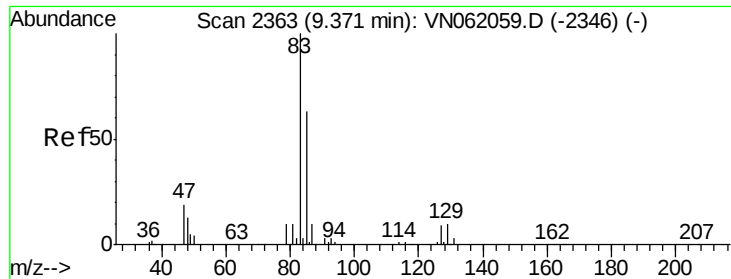
MMDadoda
 6/26/2020 7:00:55 PM



#46
 Dibromomethane
 Concen: 18.538 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN062103.D
 Acq: 25 Jun 2020 11:40

Tgt Ion: 93 Resp: 40456
 Ion Ratio Lower Upper
 93 100
 95 85.1 67.0 100.6
 174 93.4 74.4 111.6





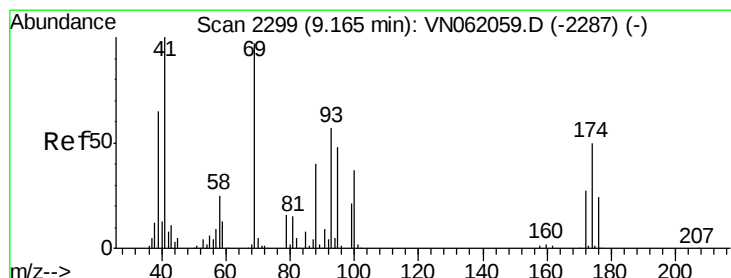
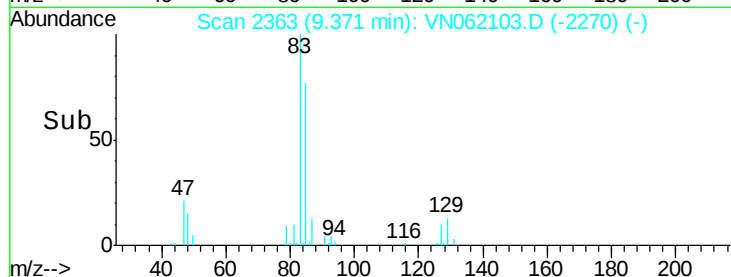
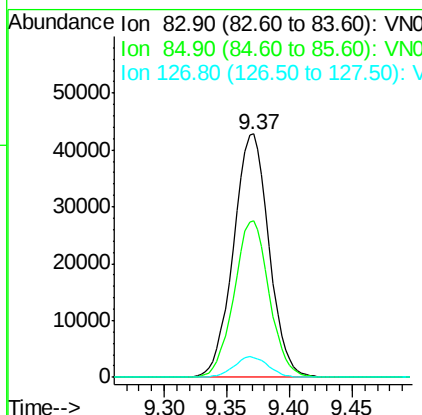
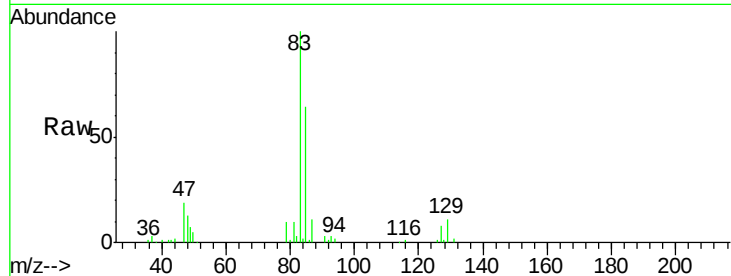
#47
Bromodichloromethane
Concen: 19.142 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. -0.00 min
Lab File: VN062103.D
Acq: 25 Jun 2020 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01

Tot Ion	83	Resp	84350
Ion Ratio	100	Lower	Upper
83	100		
85	64.3	50.3	75.5
127	8.1	6.9	10.3

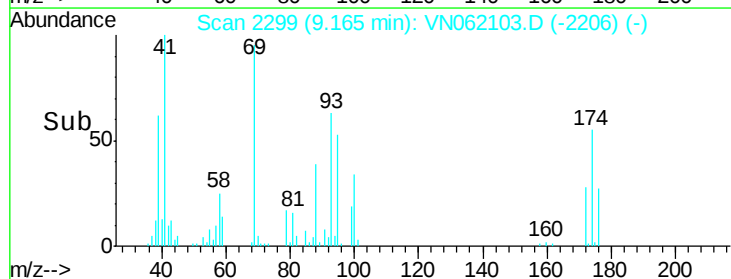
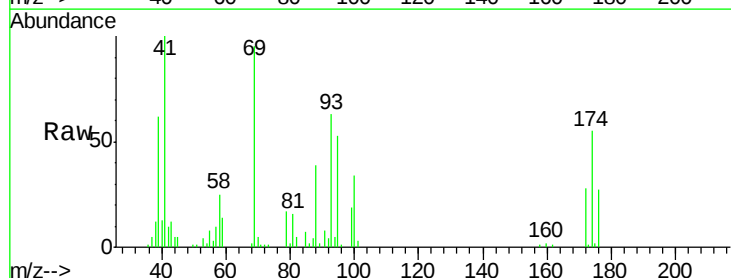
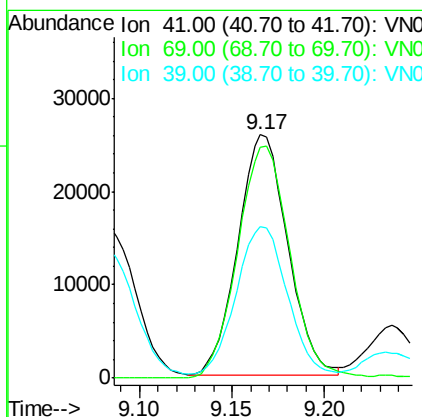
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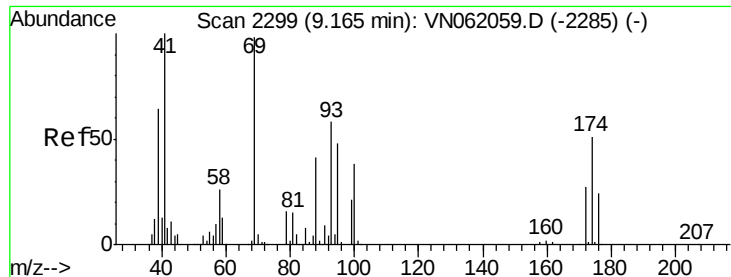
MMDadoda
6/26/2020 7:00:55 PM



#48
Methyl methacrylate
Concen: 18.505 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062103.D
Acq: 25 Jun 2020 11:40

Tgt Ion	41	Resp	47944
Ion Ratio	100	Lower	Upper
41	100		
69	101.9	80.7	121.1
39	65.5	54.5	81.7





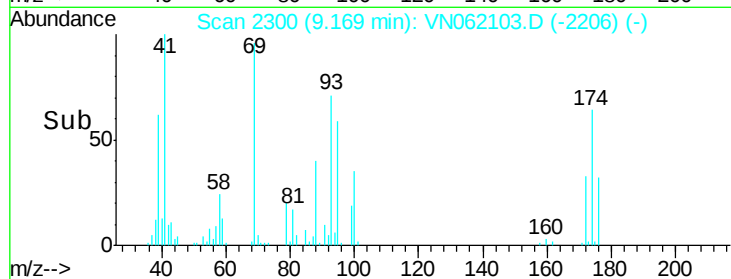
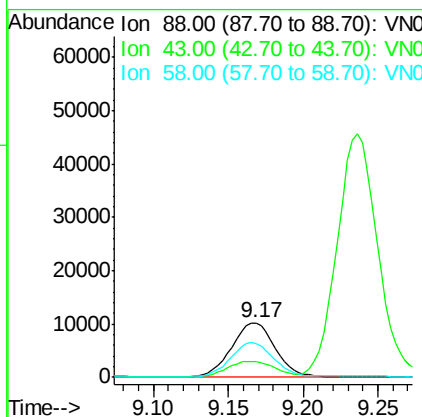
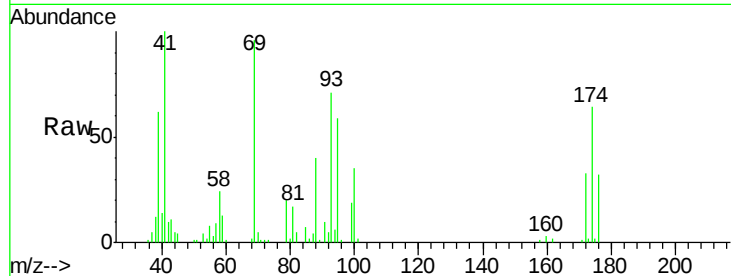
#49
1,4-Dioxane
Concen: 364.324 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN062103.D
Acq: 25 Jun 2020 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.3	22.0	33.0
58	64.0	49.2	73.8

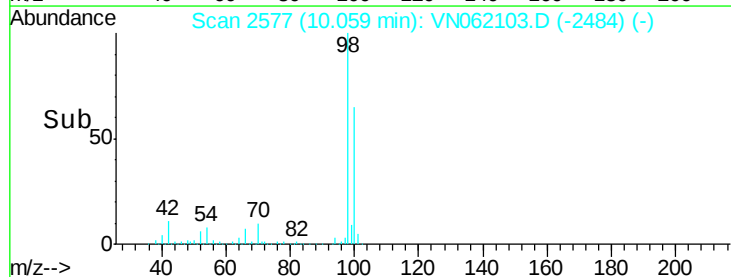
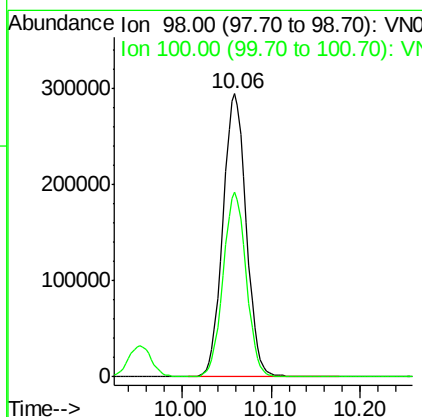
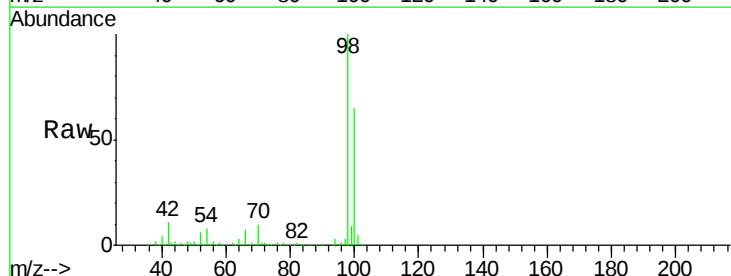
Manual Integrations
APPROVED

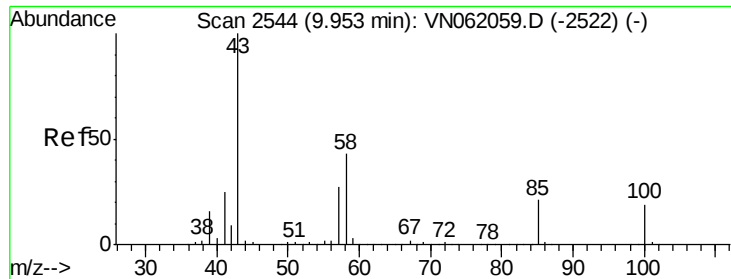
MMDadoda
6/26/2020 7:00:55 PM



#50
Toluene-d8
Concen: 48.734 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062103.D
Acq: 25 Jun 2020 11:40

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 95.989 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062103.D

Acq: 25 Jun 2020 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBS01

Tot Ion: 43 Resp: 324058

Ion Ratio Lower Upper

43 100

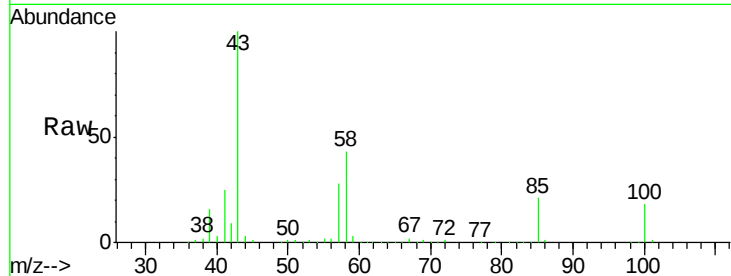
58 43.4 34.2 51.2

Manual Integrations

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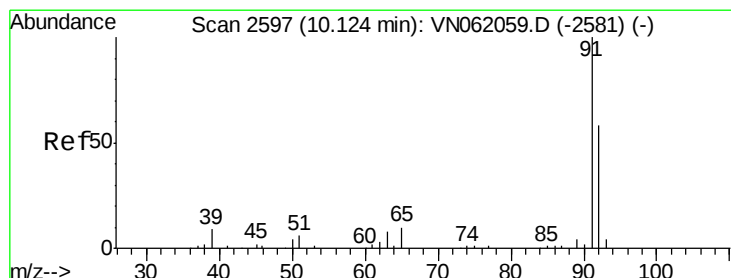
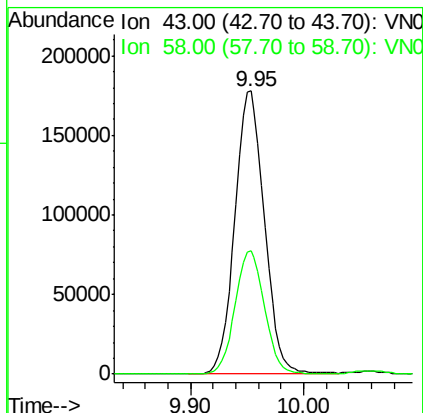
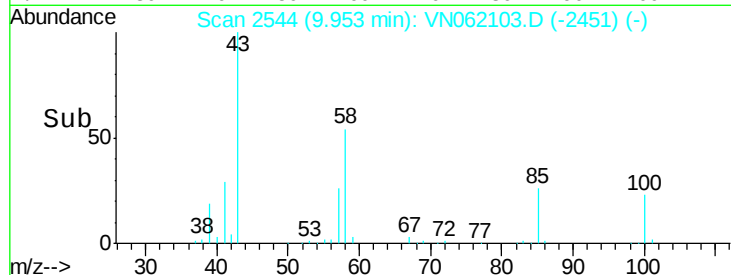
MMDadoda

6/26/2020 7:00:55 PM



Abundance Ion 43.00 (42.70 to 43.70): VN062103.D (-2451) (-)

Ion 58.00 (57.70 to 58.70): VN062103.D (-2451) (-)



#52

Toluene

Concen: 19.201 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062103.D

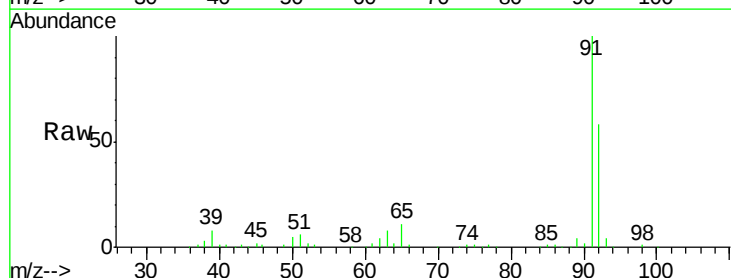
Acq: 25 Jun 2020 11:40

Tgt Ion: 92 Resp: 152851

Ion Ratio Lower Upper

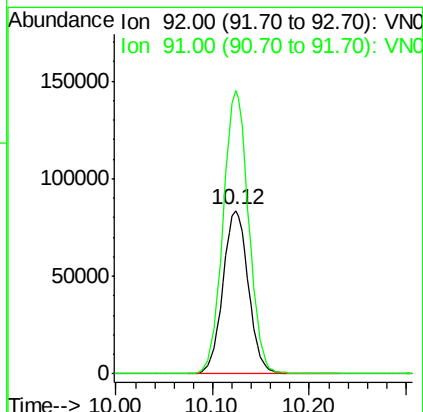
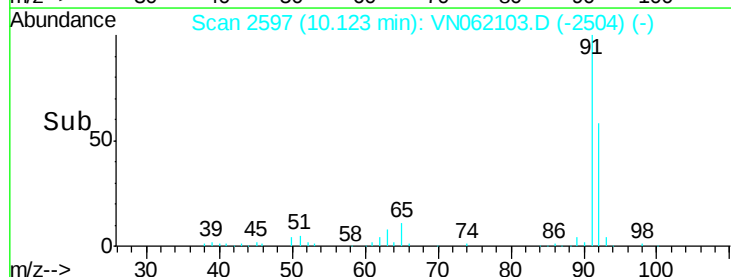
92 100

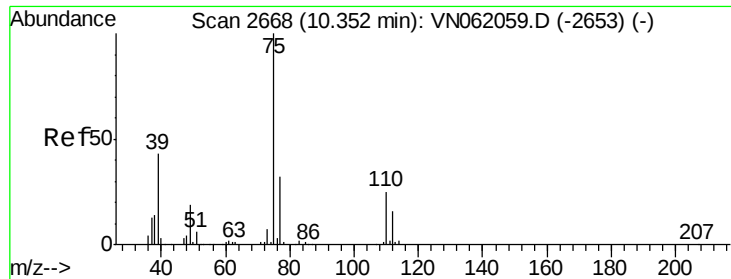
91 173.5 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VN062103.D (-2504) (-)

Ion 91.00 (90.70 to 91.70): VN062103.D (-2504) (-)





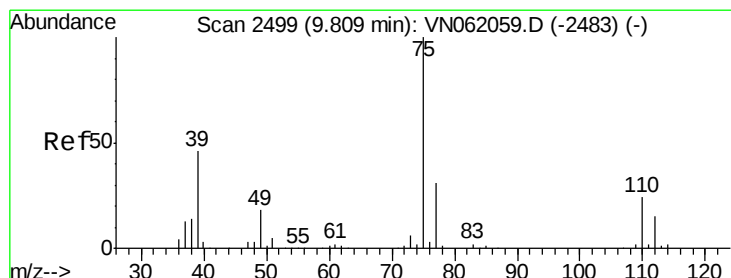
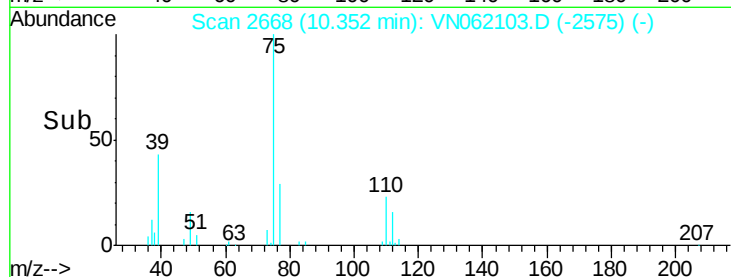
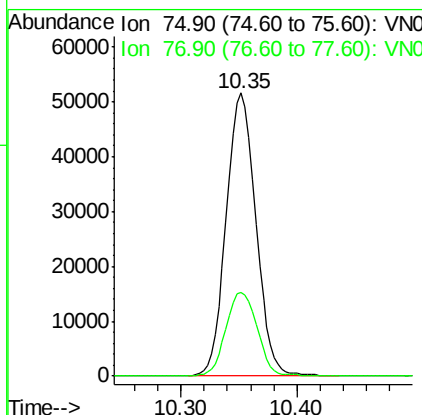
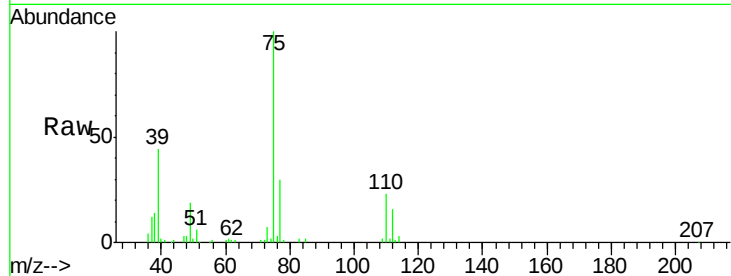
#53
t-1,3-Dichloropropene
Concen: 18.858 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN062103.D
Acq: 25 Jun 2020 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01

Tot Ion: 75 Resp: 91423
Ion Ratio Lower Upper
75 100
77 29.7 25.5 38.3

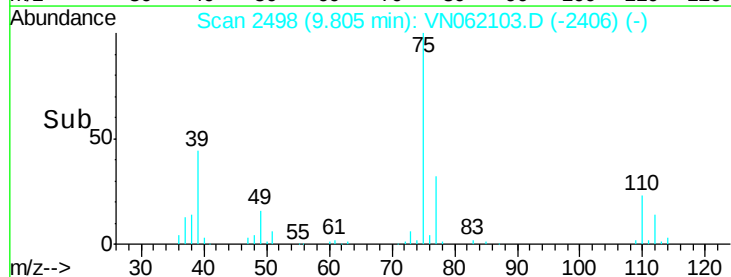
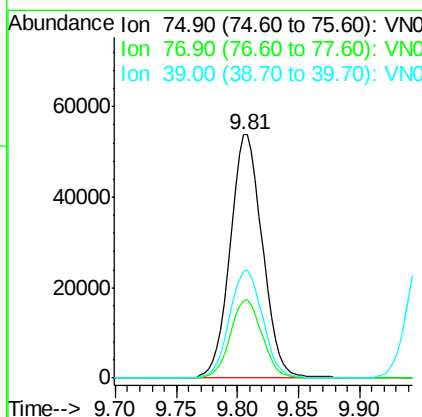
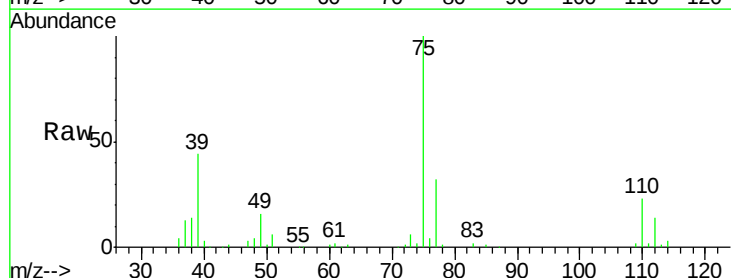
Manual Integrations
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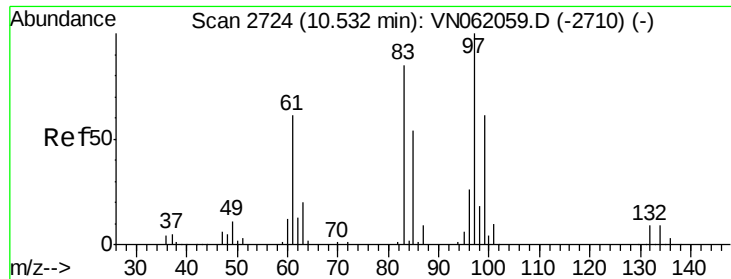
MMDadoda
6/26/2020 7:00:55 PM



#54
cis-1,3-Dichloropropene
Concen: 19.270 ug/l
RT: 9.81 min Scan# 2498
Delta R.T. -0.00 min
Lab File: VN062103.D
Acq: 25 Jun 2020 11:40

Tgt Ion: 75 Resp: 99458
Ion Ratio Lower Upper
75 100
77 31.8 25.0 37.6
39 43.7 36.9 55.3





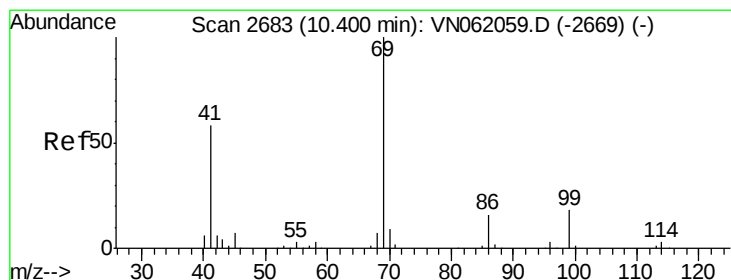
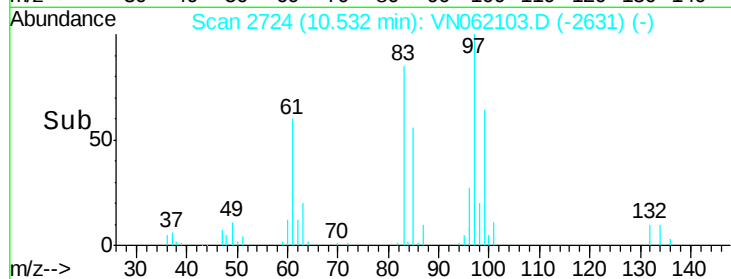
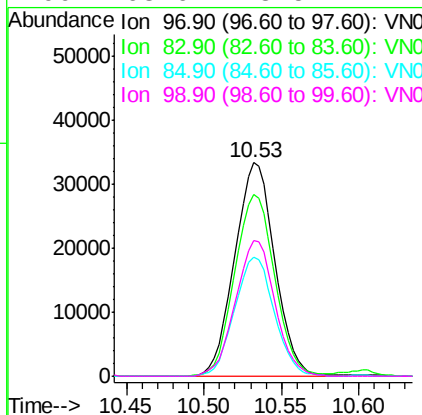
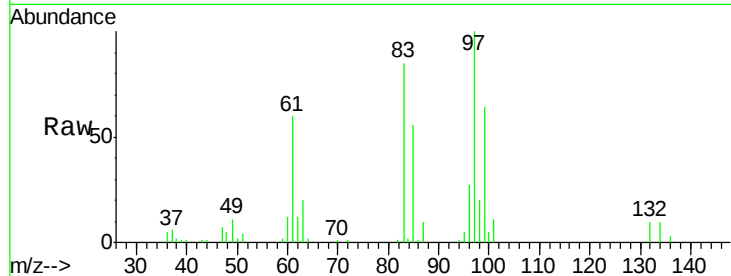
#55
 1,1,2-Trichloroethane
 Concen: 19.265 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062103.D
 Acq: 25 Jun 2020 11:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBS01

Tot Ion:	97	Resp:	60286
Ion	Ratio	Lower	Upper
97	100		
83	84.9	68.2	102.2
85	56.0	43.2	64.8
99	63.6	48.5	72.7

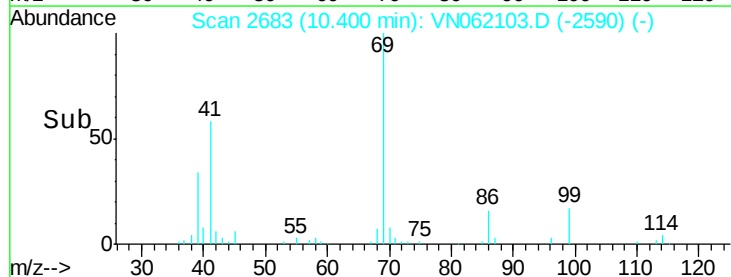
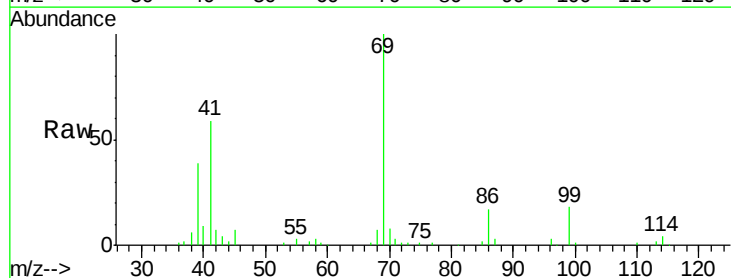
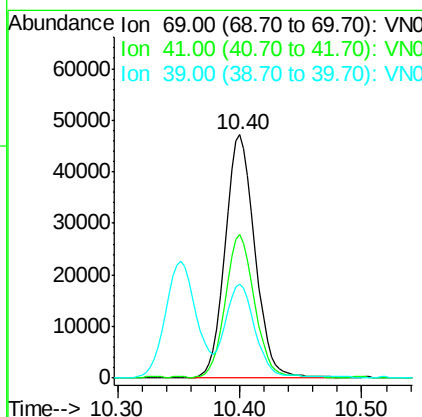
Manual Integrations
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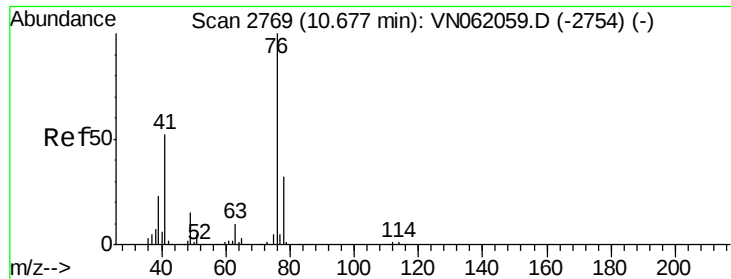
MMDadoda
 6/26/2020 7:00:55 PM



#56
 Ethyl methacrylate
 Concen: 19.295 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062103.D
 Acq: 25 Jun 2020 11:40

Tgt Ion:	69	Resp:	80581
Ion	Ratio	Lower	Upper
69	100		
41	57.4	46.6	70.0
39	38.3	31.0	46.4





#57

1,3-Dichloropropane

Concen: 18.785 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN062103.D

Acq: 25 Jun 2020 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBS01

Tot Ion: 76 Resp: 101181

Ion Ratio Lower Upper

76 100

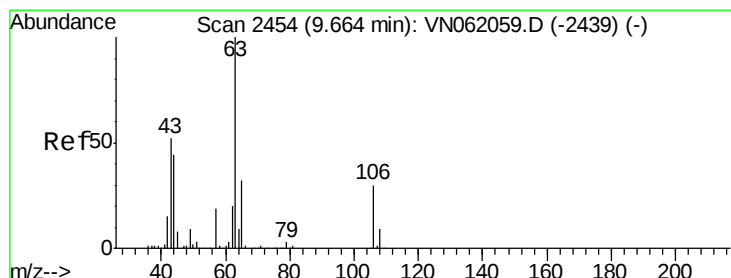
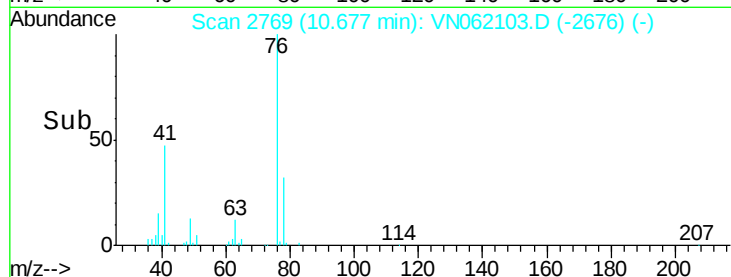
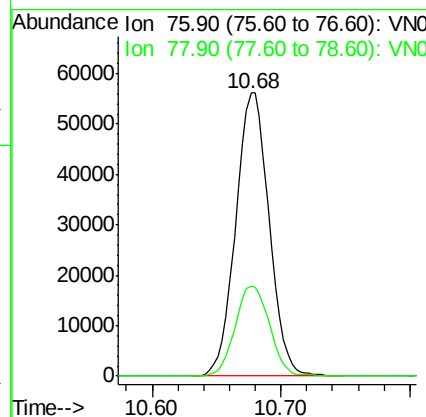
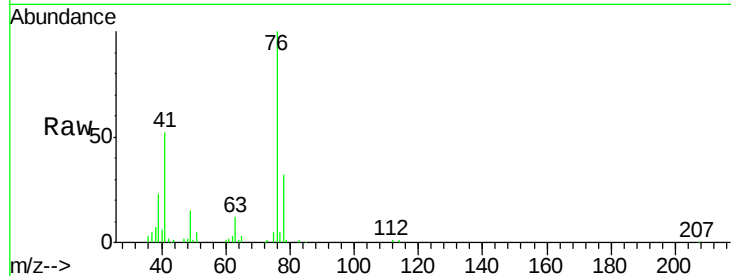
78 32.8 25.8 38.8

Manual Integrations

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6/26/2020 7:00:55 PM



#58

2-Chloroethyl Vinyl ether

Concen: 94.998 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN062103.D

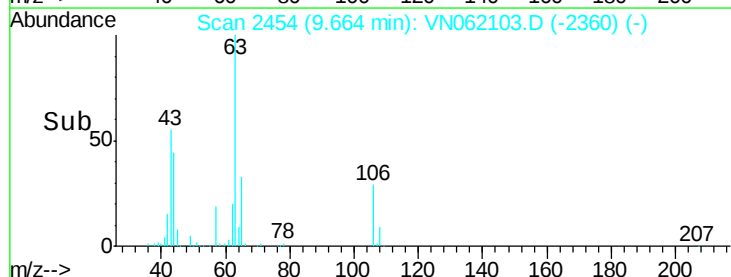
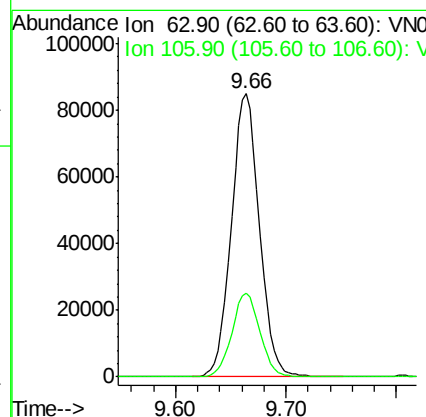
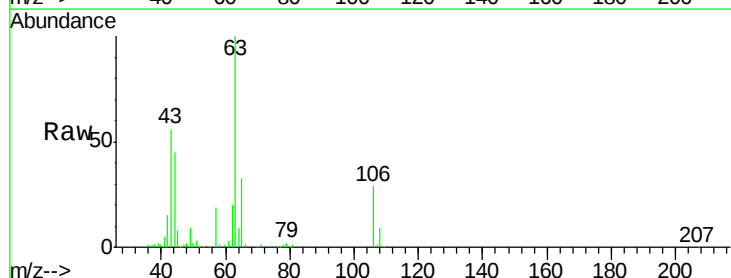
Acq: 25 Jun 2020 11:40

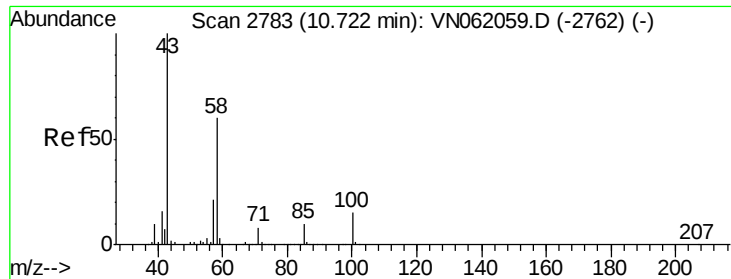
Tgt Ion: 63 Resp: 149935

Ion Ratio Lower Upper

63 100

106 29.4 23.2 34.8





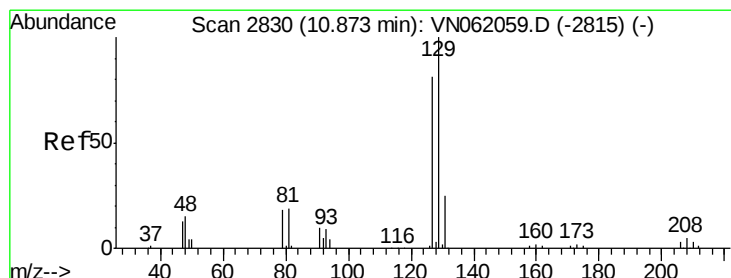
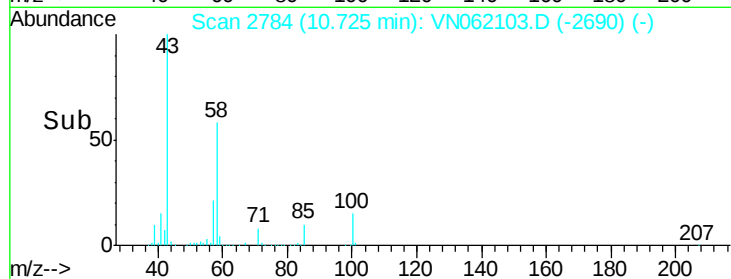
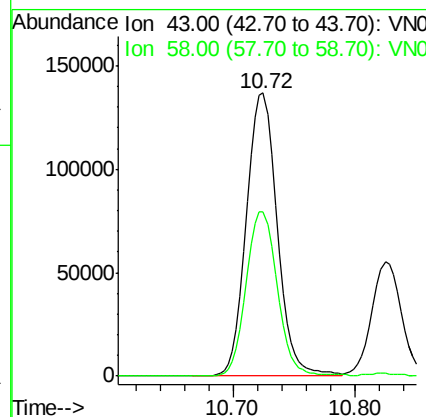
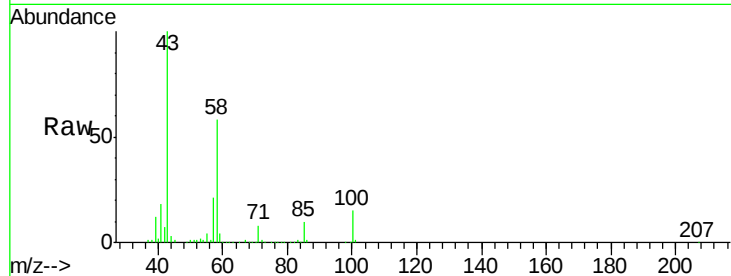
#59
2-Hexanone
Concen: 97.873 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062103.D
Acq: 25 Jun 2020 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01

Tot Ion	43	Resp	238595
Ion Ratio	43	100	
Lower	58	58.7	29.5
Upper			88.5

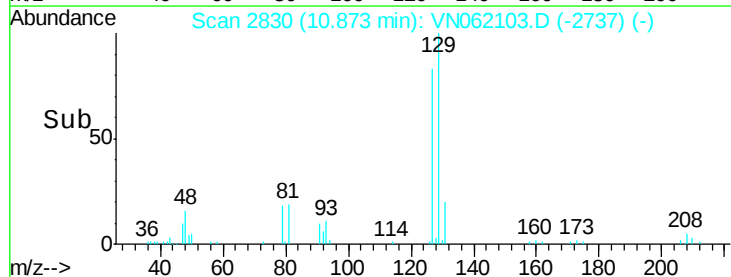
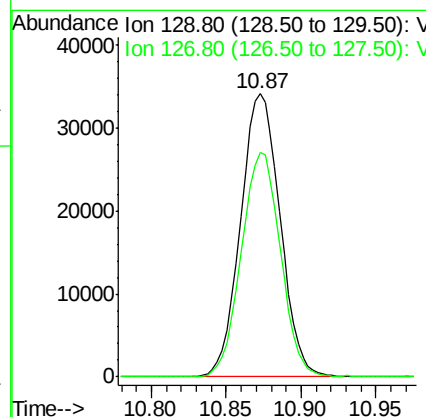
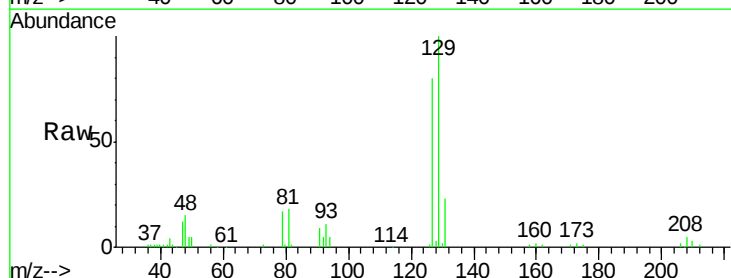
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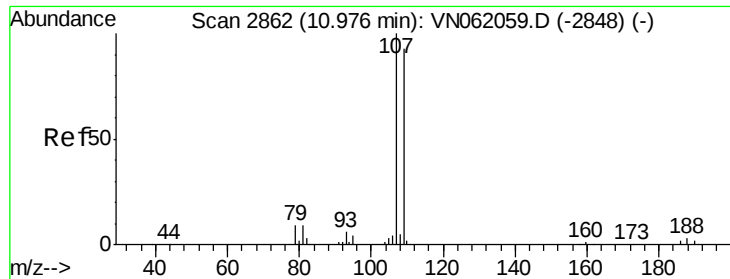
MMDadoda
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#60
Dibromochloromethane
Concen: 18.949 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062103.D
Acq: 25 Jun 2020 11:40

Tgt Ion	129	Resp	62778
Ion Ratio	129	100	
Lower	127	78.3	39.5
Upper			118.5





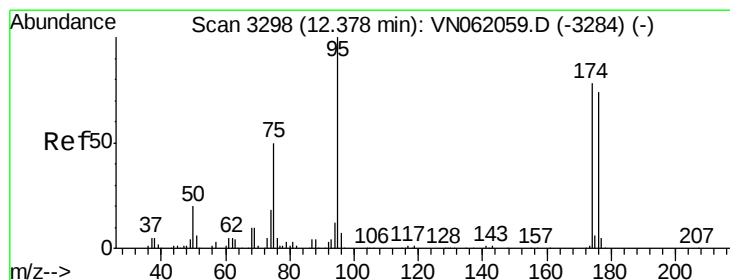
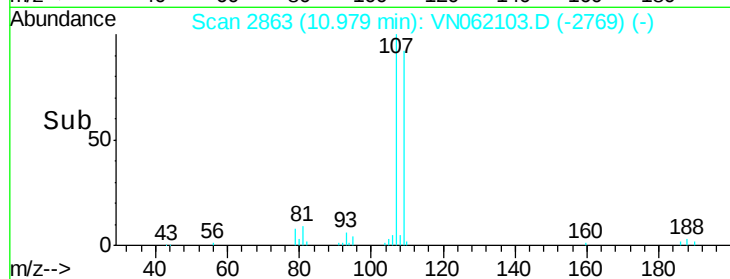
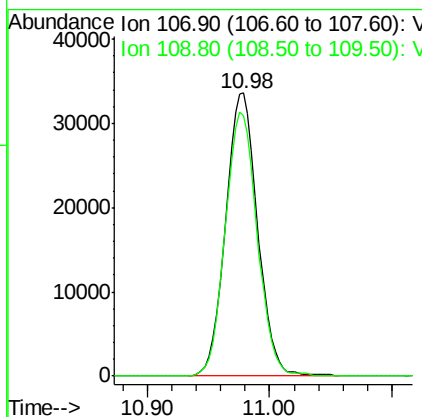
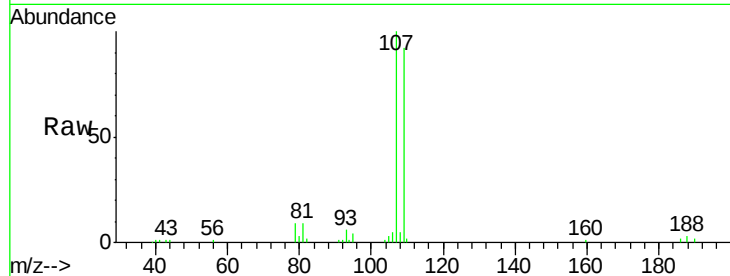
#61
 1,2-Dibromoethane
 Concen: 19.099 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062103.D
 Acq: 25 Jun 2020 11:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.4	75.0	112.6

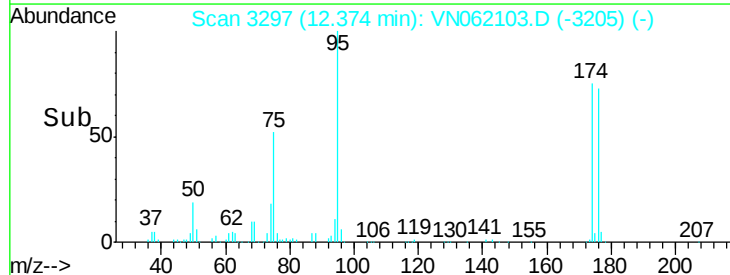
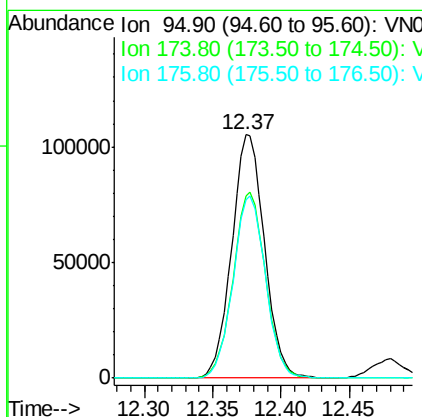
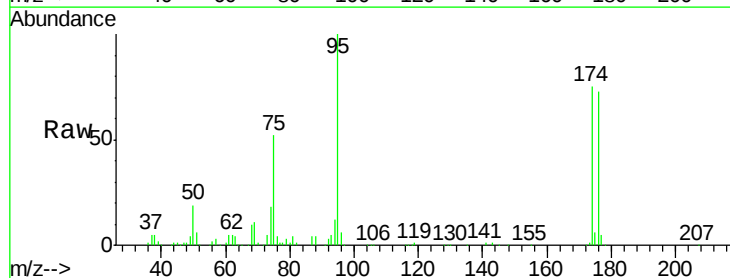
Manual Integrations
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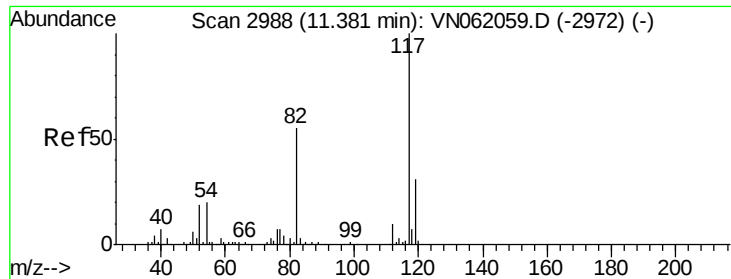
MMDadoda
 6/26/2020 7:00:55 PM



#62
 4-Bromofluorobenzene
 Concen: 47.516 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062103.D
 Acq: 25 Jun 2020 11:40

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.9	0.0	154.8
176	74.2	0.0	147.4





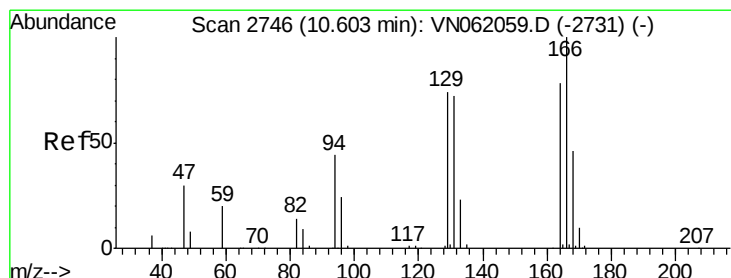
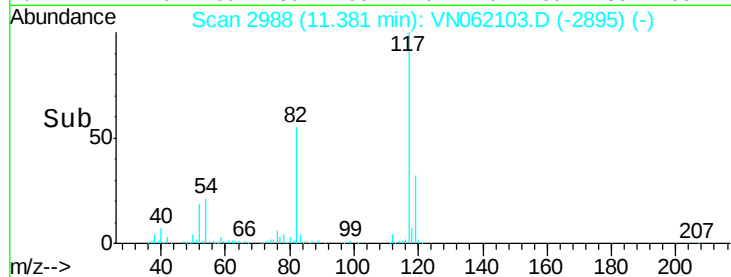
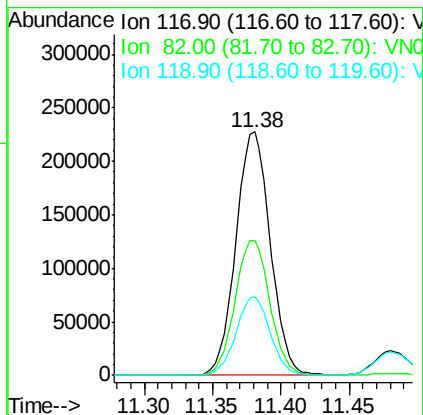
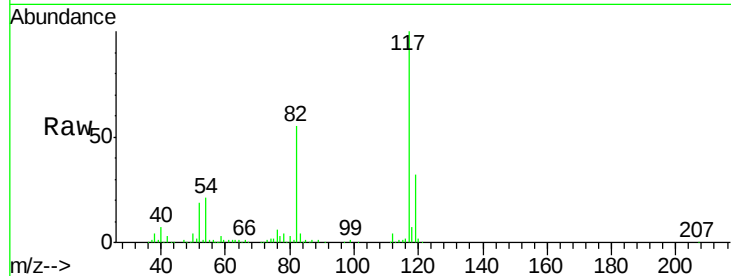
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062103.D
Acq: 25 Jun 2020 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	398735		
82	55.4		43.8	65.8
119	32.1		25.2	37.8

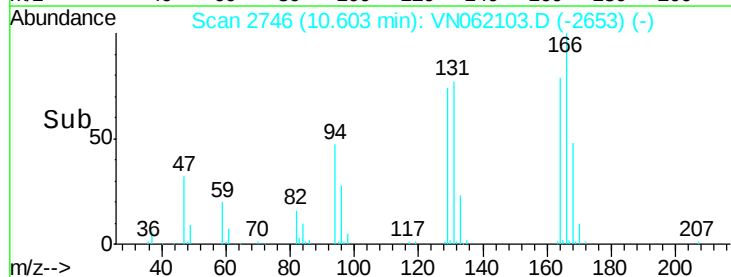
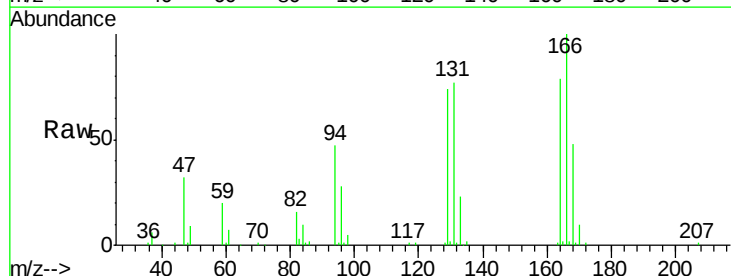
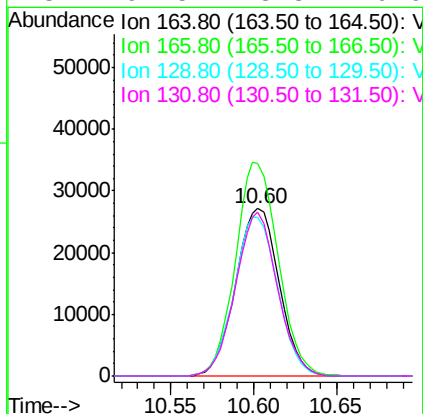
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#64
Tetrachloroethene
Concen: 18.144 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062103.D
Acq: 25 Jun 2020 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	49419		
166	127.2		102.9	154.3
129	94.7		75.8	113.8
131	97.5		73.8	110.6





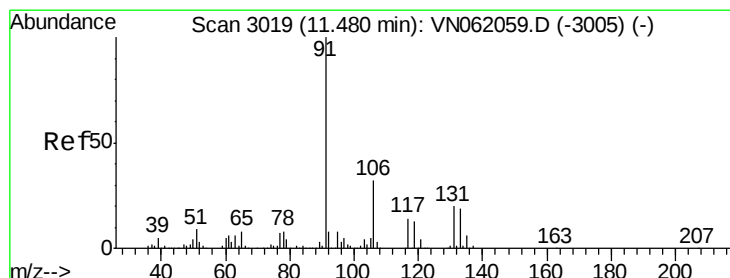
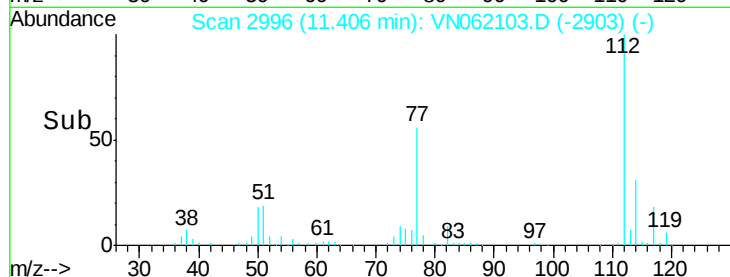
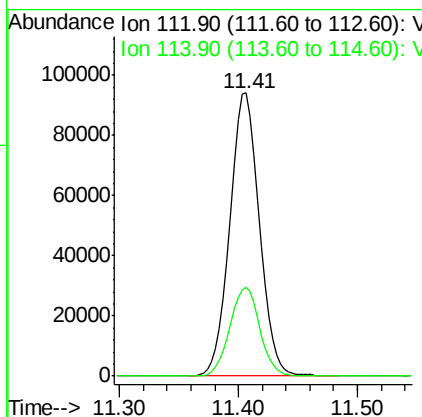
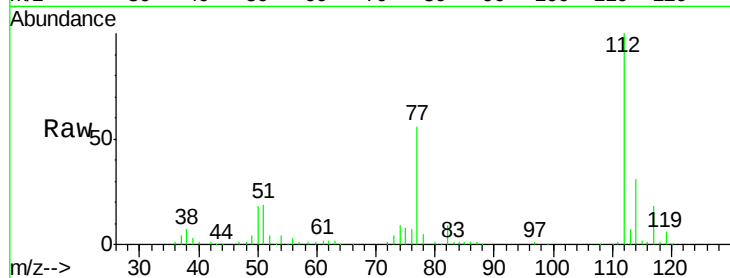
#65
Chlorobenzene
Concen: 18.504 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062103.D
Acq: 25 Jun 2020 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01

Tot Ion:112 Resp: 162027
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.8

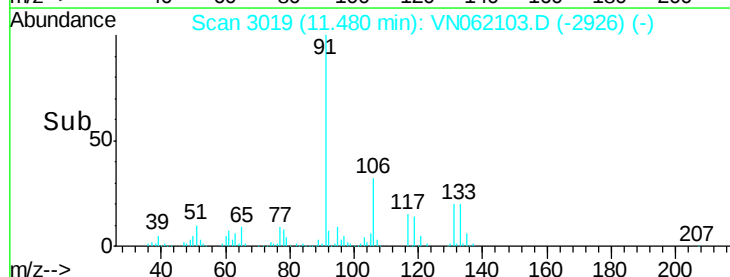
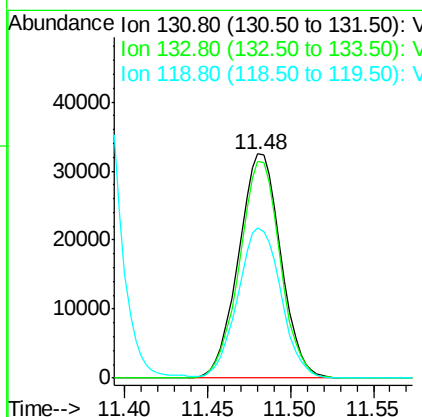
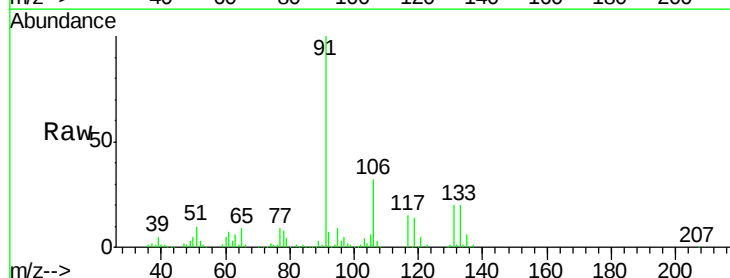
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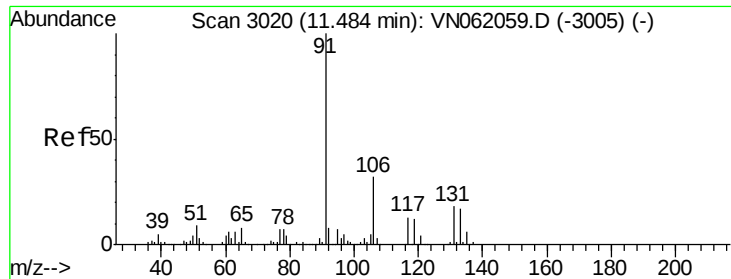
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.979 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062103.D
Acq: 25 Jun 2020 11:40

Tgt Ion:131 Resp: 57464
Ion Ratio Lower Upper
131 100
133 93.2 47.6 142.9
119 68.6 34.4 103.3





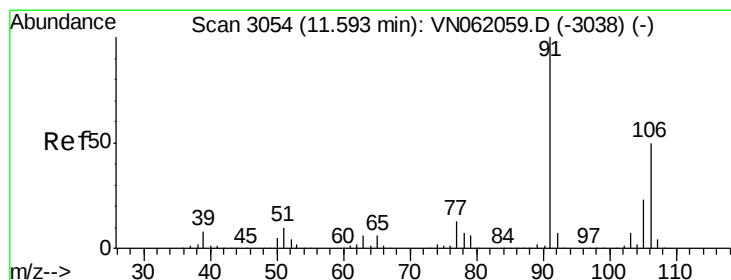
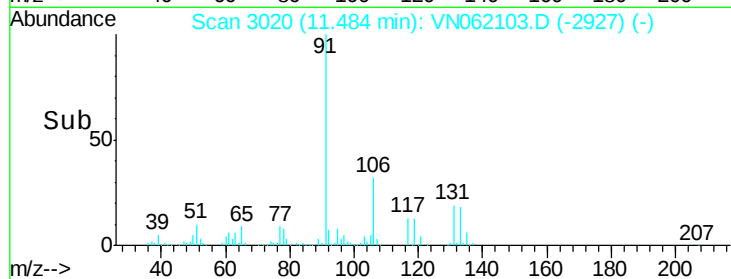
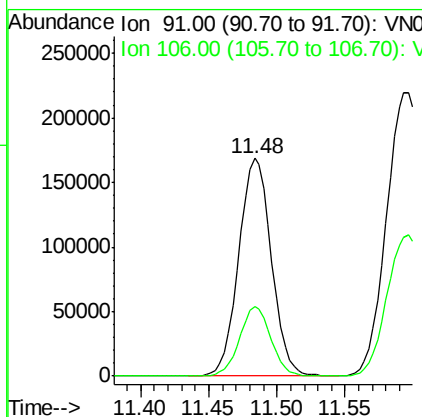
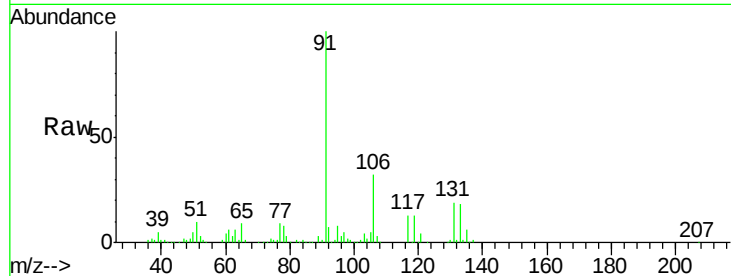
#67
Ethyl Benzene
Concen: 18.944 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062103.D
Acq: 25 Jun 2020 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01

Tot Ion: 91 Resp: 280148
Ion Ratio Lower Upper
91 100
106 31.9 25.3 37.9

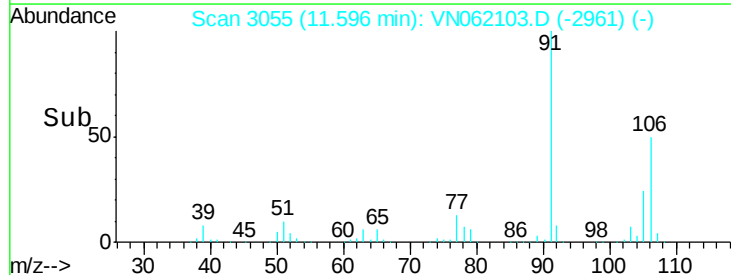
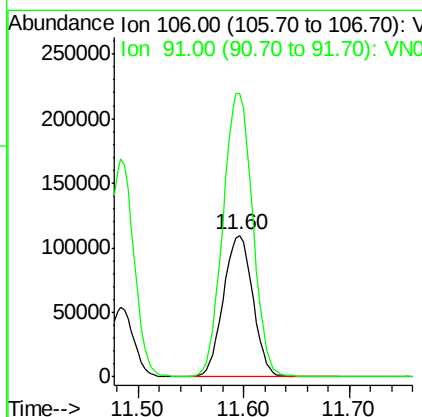
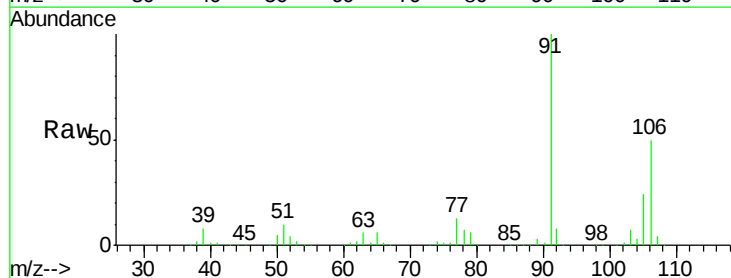
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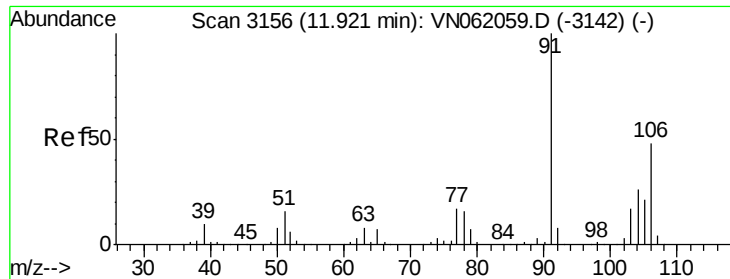
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#68
m/p-Xylenes
Concen: 37.038 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062103.D
Acq: 25 Jun 2020 11:40

Tgt Ion: 106 Resp: 211851
Ion Ratio Lower Upper
106 100
91 201.3 157.8 236.8





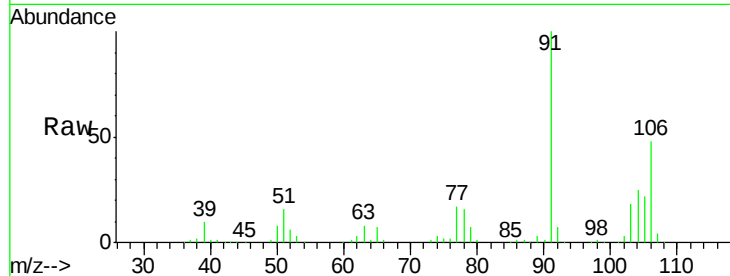
#69
o-Xylene
Concen: 18.645 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062103.D
Acq: 25 Jun 2020 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01

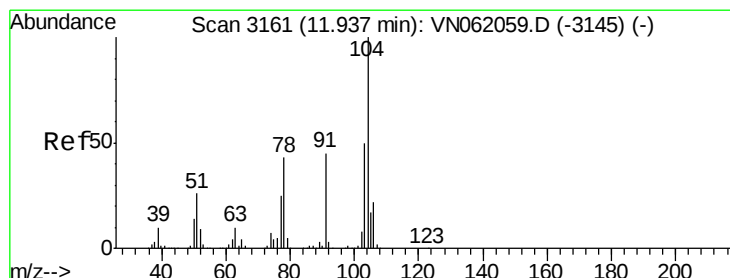
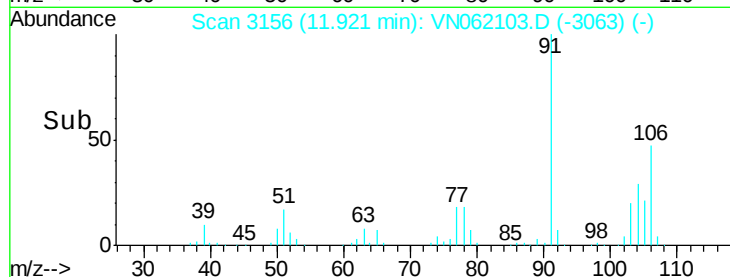
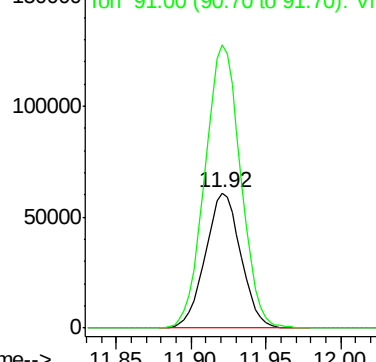
Tot Ion:106 Resp: 100622
Ion Ratio Lower Upper
106 100
91 211.3 104.0 311.9

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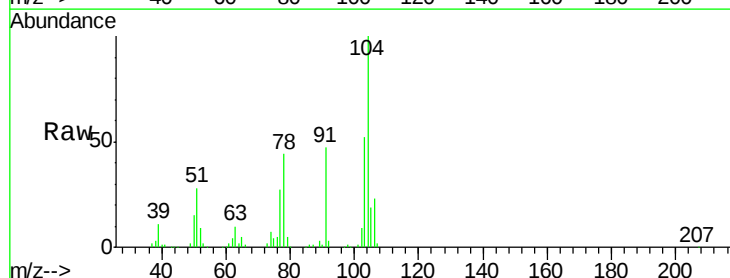


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

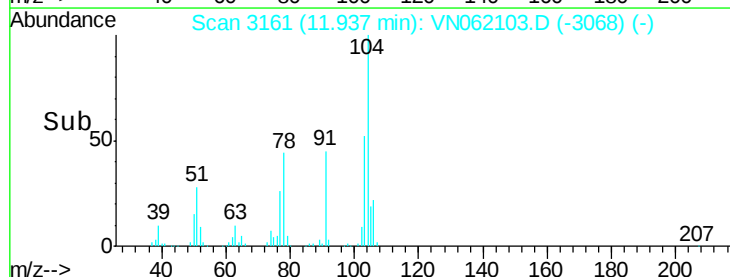
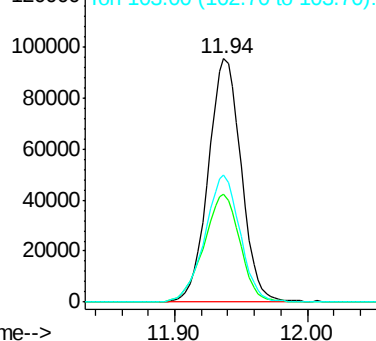


#70
Styrene
Concen: 18.324 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062103.D
Acq: 25 Jun 2020 11:40

Tgt Ion:104 Resp: 164924
Ion Ratio Lower Upper
104 100
78 48.5 37.7 56.5
103 55.7 43.0 64.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 19.076 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062103.D

Acq: 25 Jun 2020 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBS01

Tot Ion:173 Resp: 41067

Ion Ratio Lower Upper

173 100

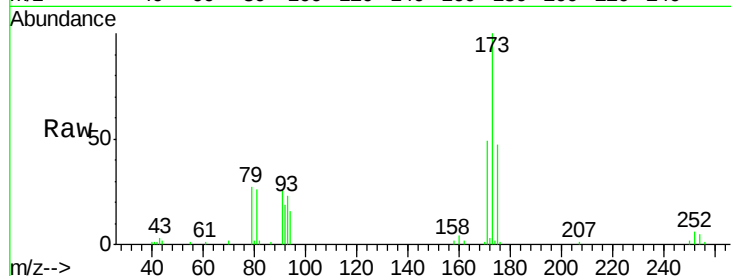
175 48.6 24.7 74.1

254 0.0 0.0 0.0

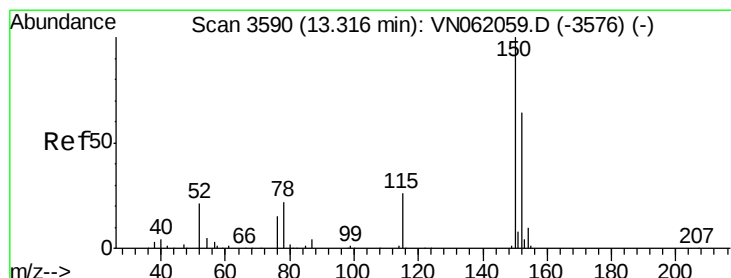
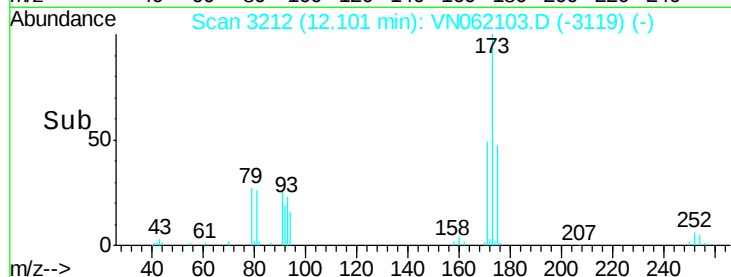
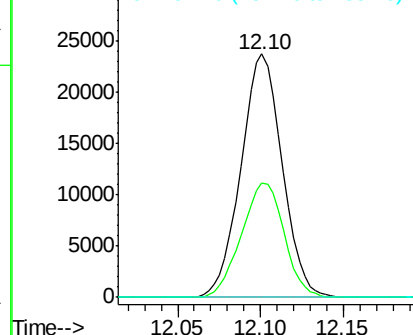
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062103.D

Acq: 25 Jun 2020 11:40

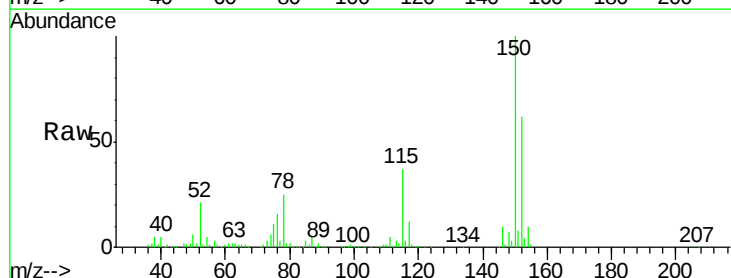
Tgt Ion:152 Resp: 177439

Ion Ratio Lower Upper

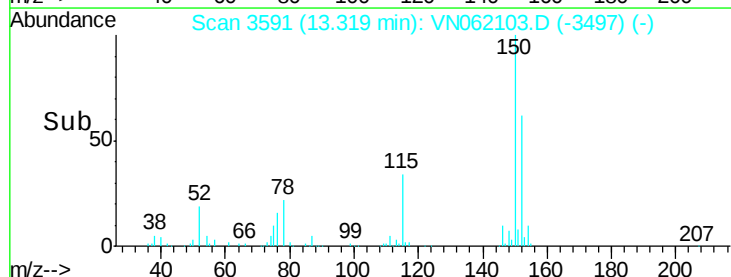
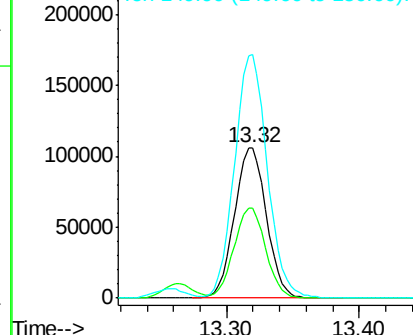
152 100

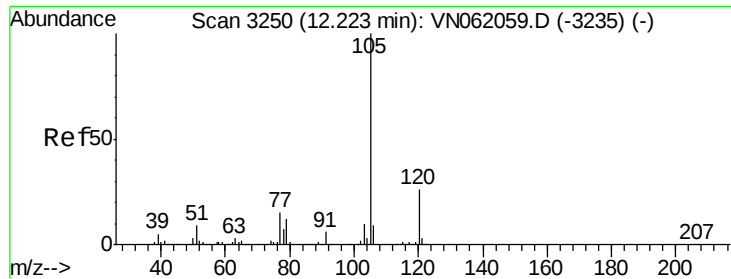
115 59.0 29.5 88.5

150 165.6 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





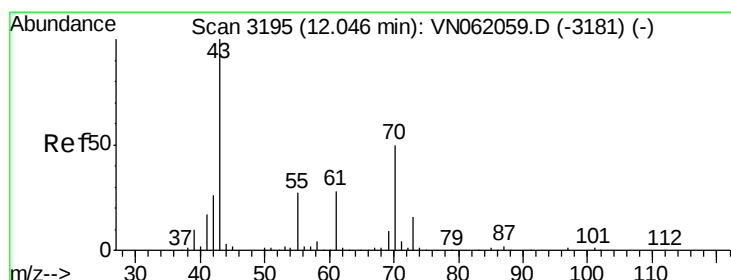
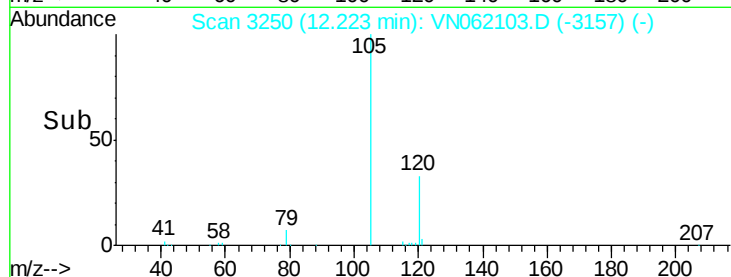
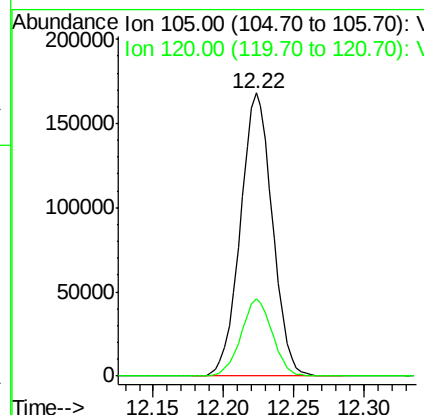
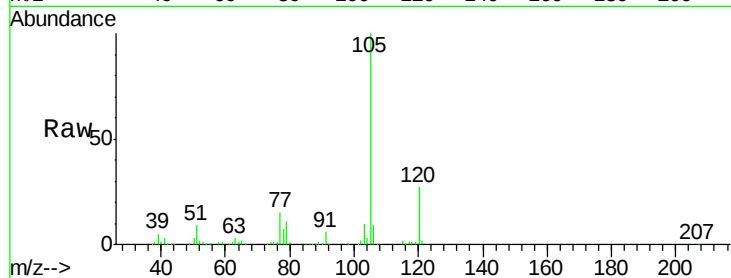
#73
Isopropylbenzene
Concen: 19.449 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN062103.D
Acq: 25 Jun 2020 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.7	13.2	39.6

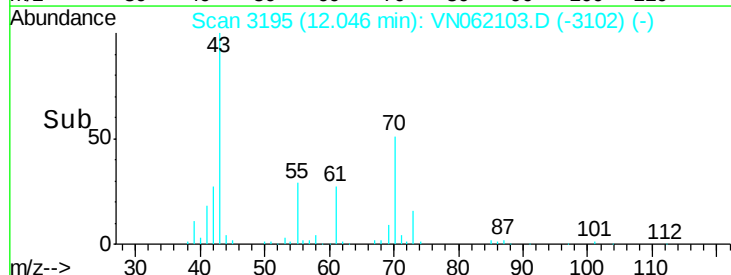
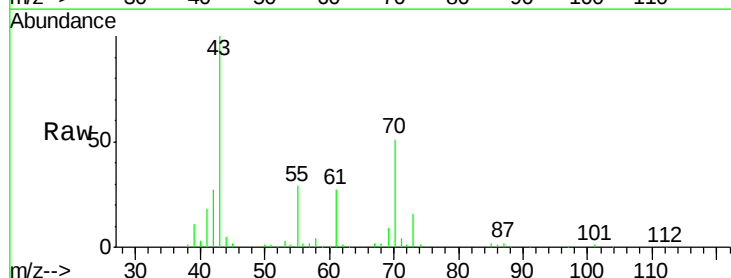
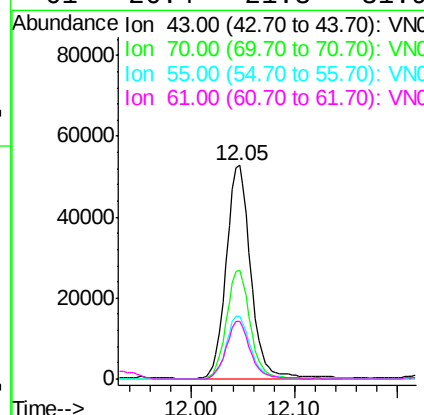
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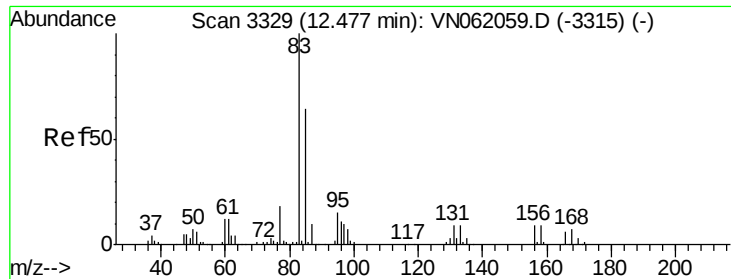
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#74
N-ethyl acetate
Concen: 19.631 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. 0.00 min
Lab File: VN062103.D
Acq: 25 Jun 2020 11:40

Tgt Ion	Ratio	Lower	Upper
43	100		
70	49.3	39.4	59.2
55	28.7	21.7	32.5
61	26.4	21.3	31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.651 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062103.D

Acq: 25 Jun 2020 11:40

Instrument :

MSVOA_N

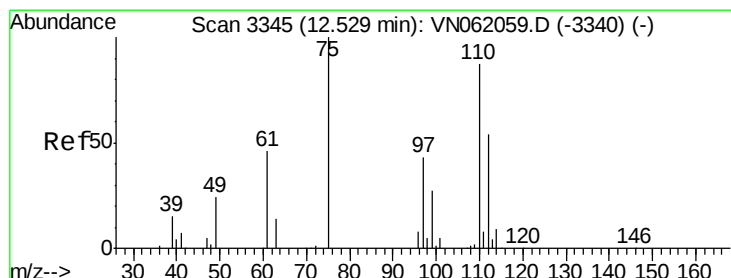
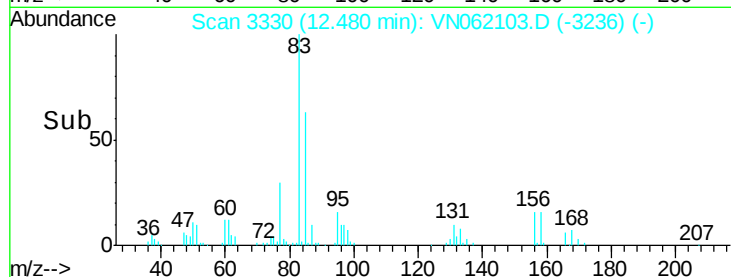
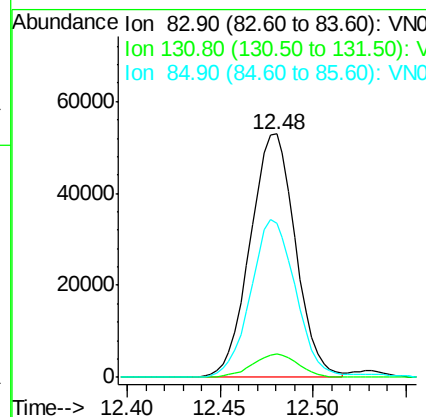
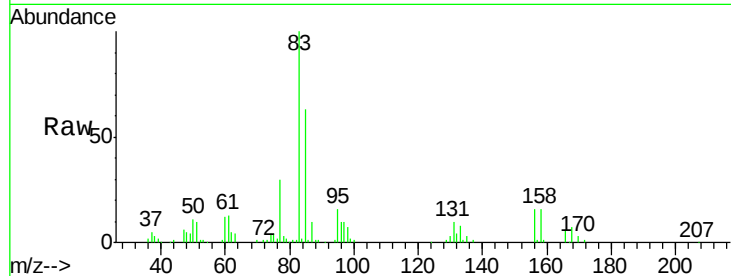
ClientSampleId :

VN0625WBS01

Tot Ion:	83	Resp:	89818
Ion Ratio	Lower	Upper	
83	100		
131	9.6	4.8	14.4
85	64.3	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 18.055 ug/l m

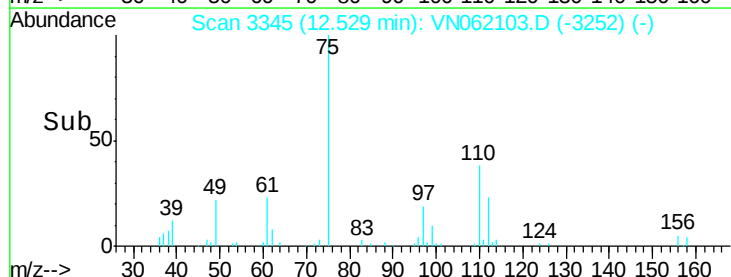
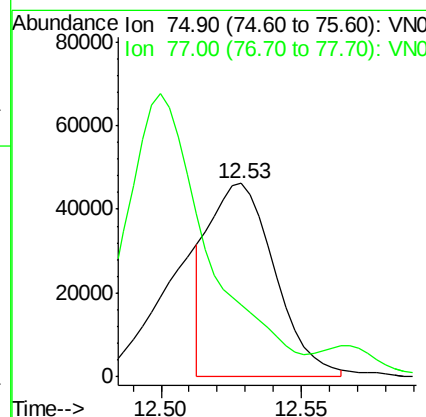
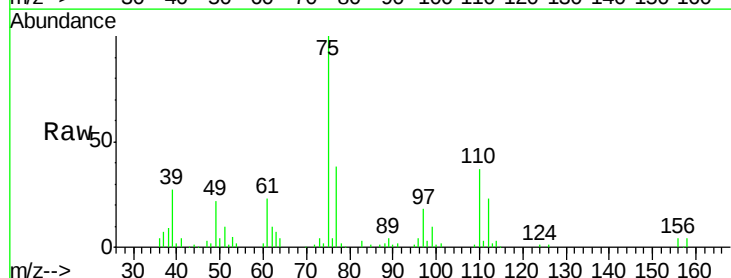
RT: 12.53 min Scan# 3345

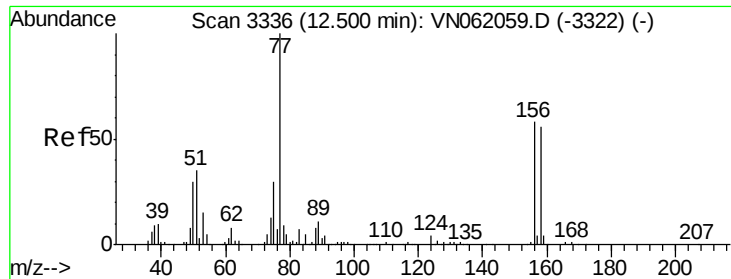
Delta R.T. -0.00 min

Lab File: VN062103.D

Acq: 25 Jun 2020 11:40

Tgt Ion:	75	Resp:	75417
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.008 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062103.D

Acq: 25 Jun 2020 11:40

Instrument :

MSVOA_N

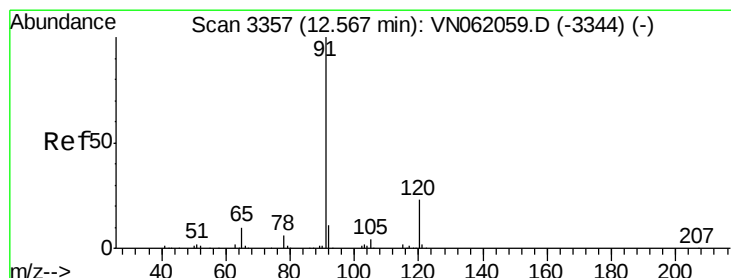
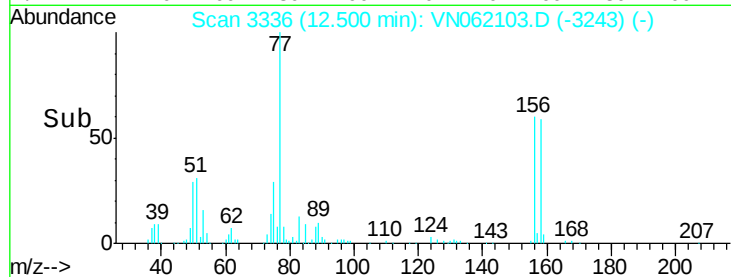
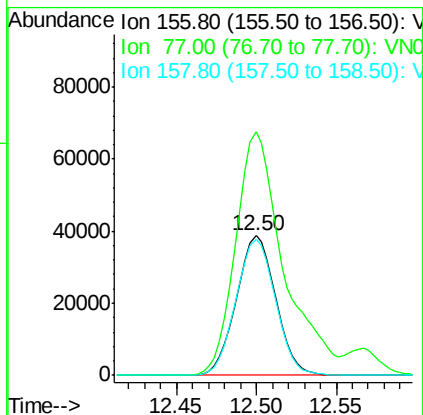
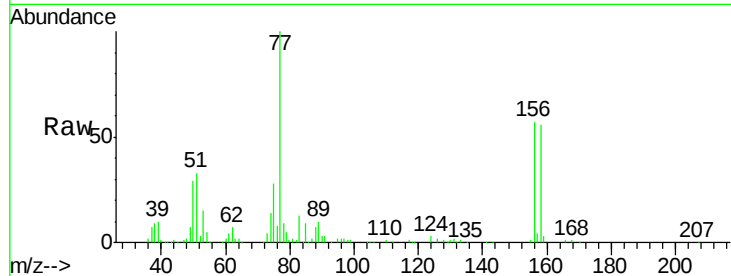
ClientSampleId :

VN0625WBS01

Tot Ion	156	Resp	64819
Ion	Ratio	Lower	Upper
156	100		
77	213.7	104.6	313.8
158	97.7	48.0	144.0

Manual Integrations
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#78

n-propylbenzene

Concen: 19.321 ug/l

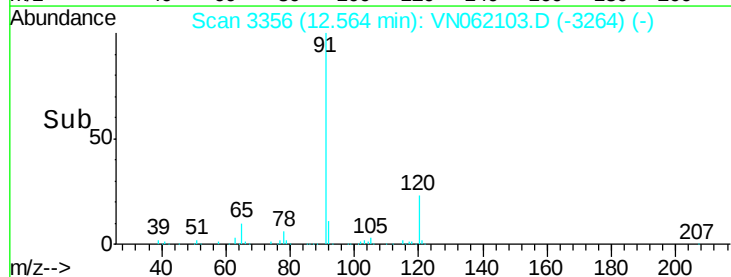
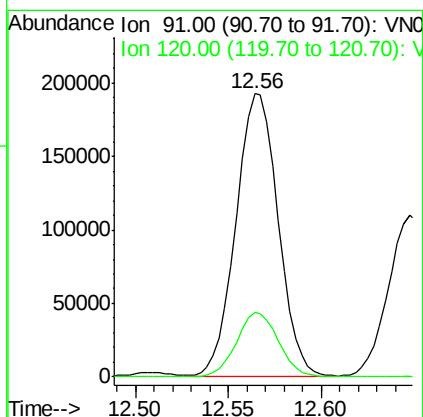
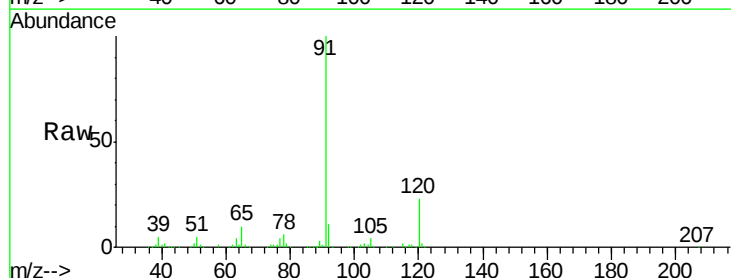
RT: 12.56 min Scan# 3356

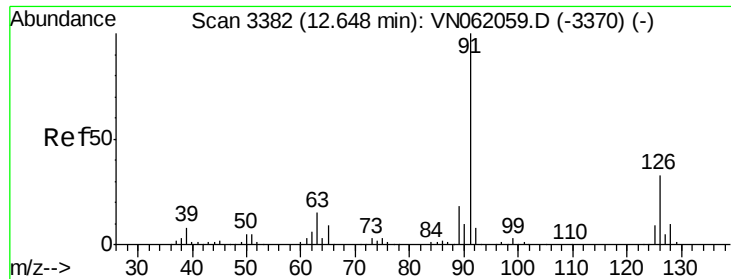
Delta R.T. -0.00 min

Lab File: VN062103.D

Acq: 25 Jun 2020 11:40

Tgt Ion	91	Resp	303555
Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.4	34.1





#79

2-Chlorotoluene

Concen: 19.287 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062103.D

Acq: 25 Jun 2020 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBS01

Tot Ion: 91 Resp: 183186

Ion Ratio Lower Upper

91 100

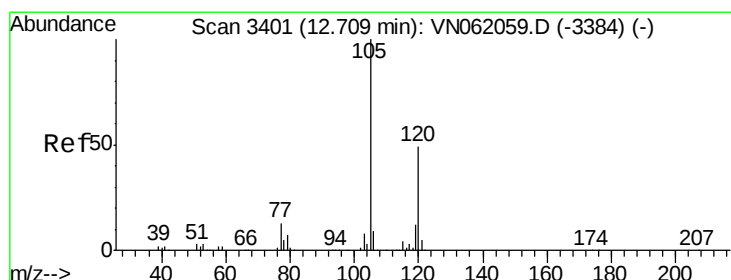
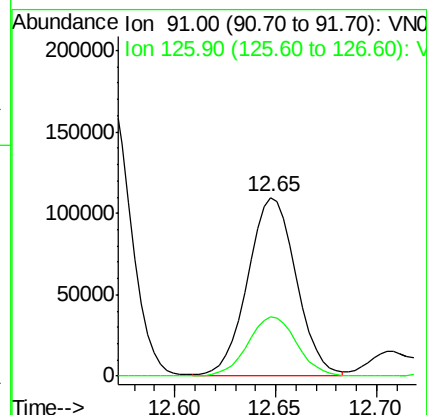
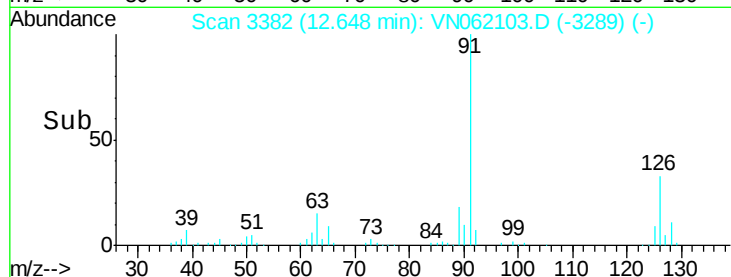
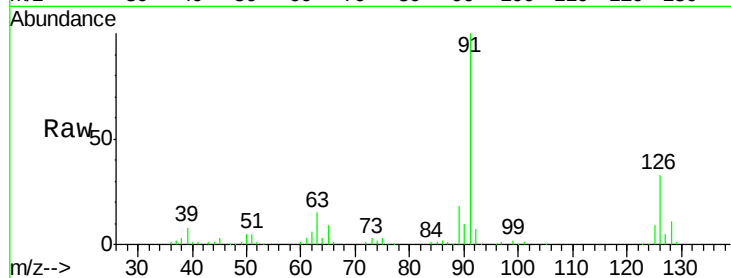
126 33.9 16.9 50.7

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 19.457 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062103.D

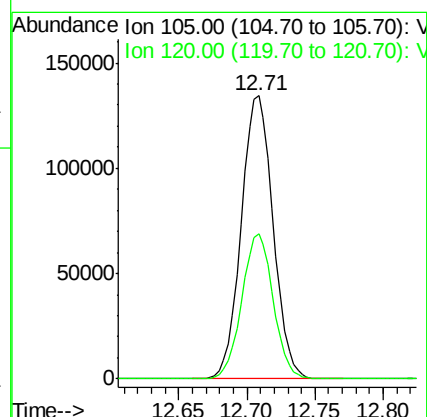
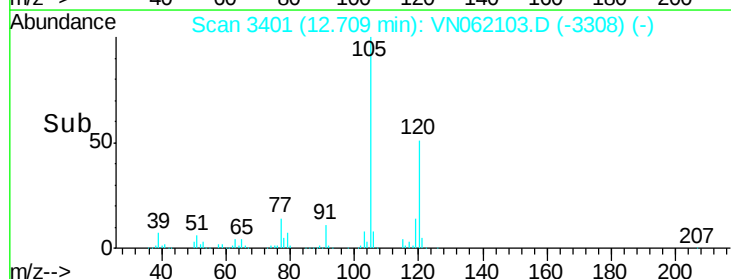
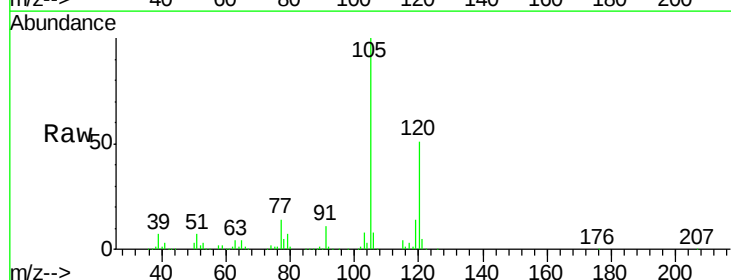
Acq: 25 Jun 2020 11:40

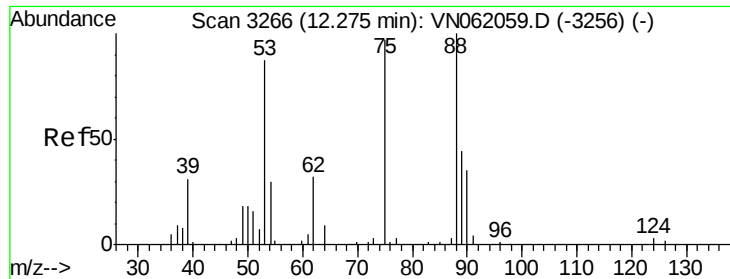
Tgt Ion: 105 Resp: 216641

Ion Ratio Lower Upper

105 100

120 50.8 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 19.073 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062103.D

Acq: 25 Jun 2020 11:40

Instrument :

MSVOA_N

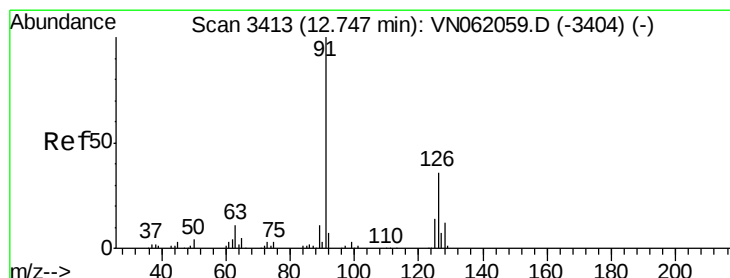
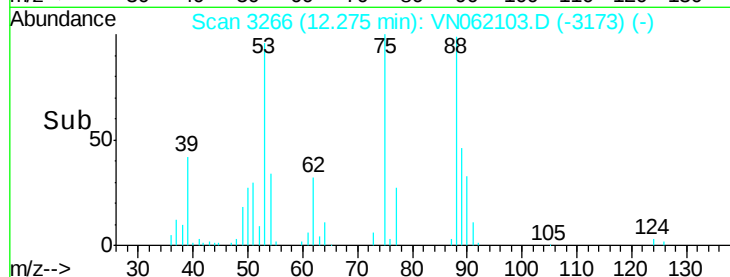
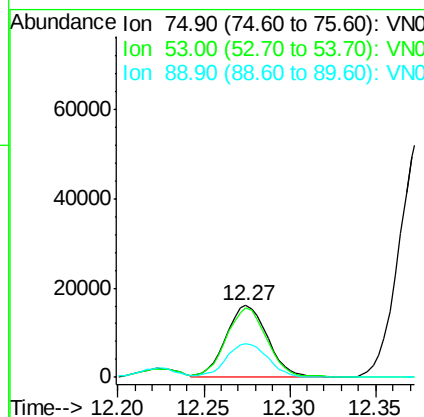
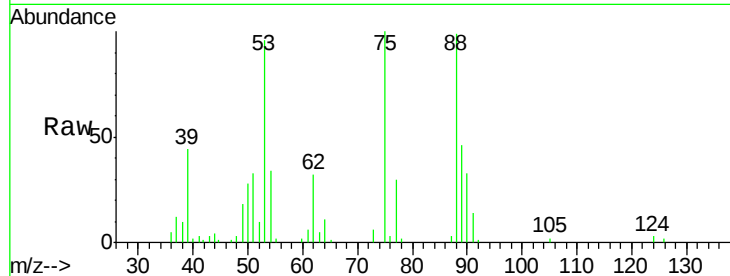
ClientSampled :

VN0625WBS01

Tot Ion:	75	Resp:	27281
Ion Ratio	Lower	Upper	
75	100		
53	95.0	72.0	108.0
89	47.3	36.9	55.3

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.063 ug/l

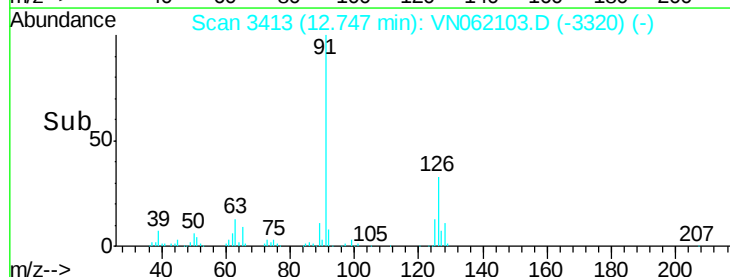
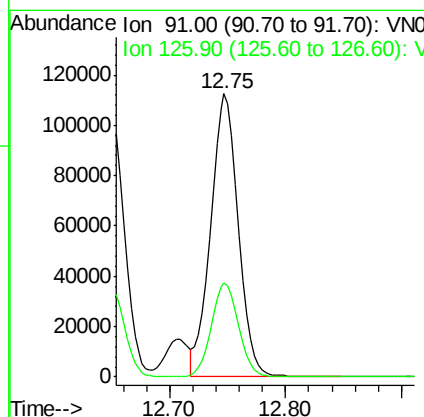
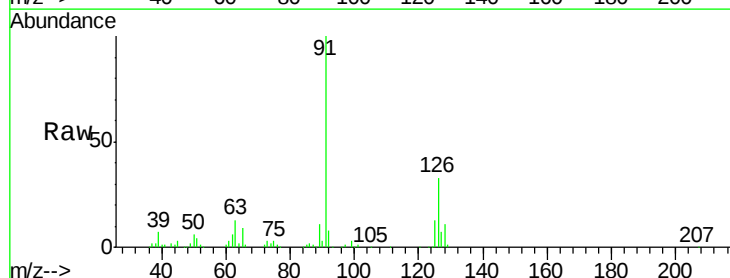
RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062103.D

Acq: 25 Jun 2020 11:40

Tgt Ion:	91	Resp:	187239
Ion Ratio	Lower	Upper	
91	100		
126	32.8	16.7	50.1





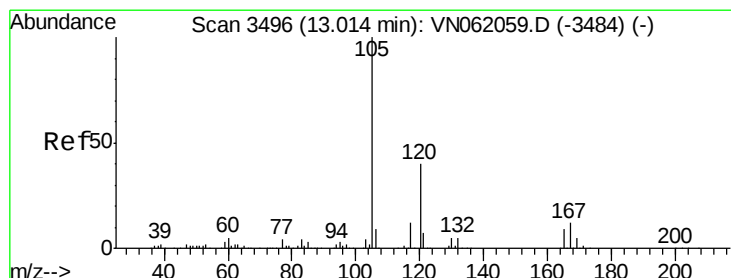
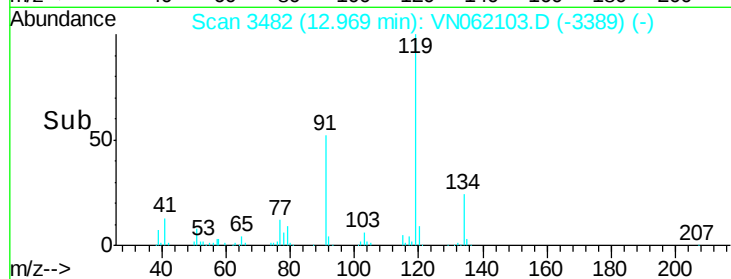
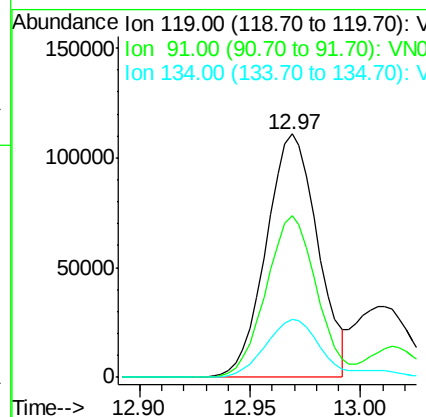
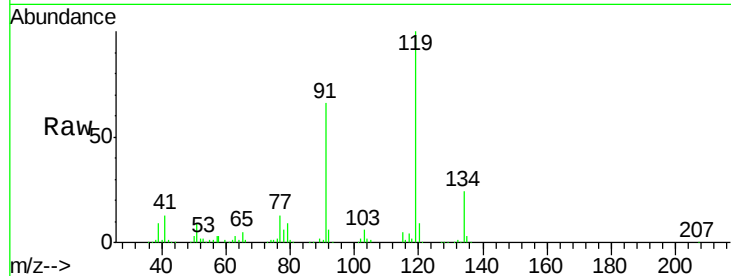
#83
 tert-Butylbenzene
 Concen: 18.813 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062103.D
 Acq: 25 Jun 2020 11:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	179272		
91	65.9		31.7	95.1
134	25.0		13.1	39.1

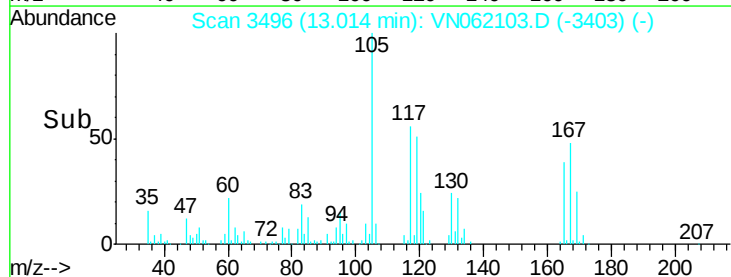
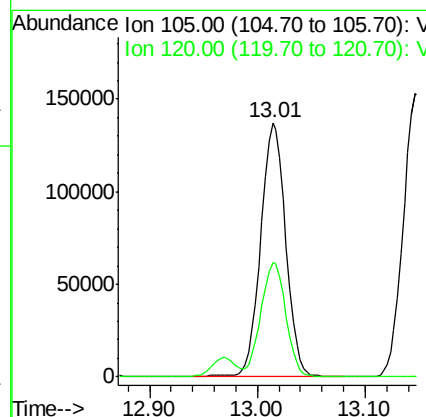
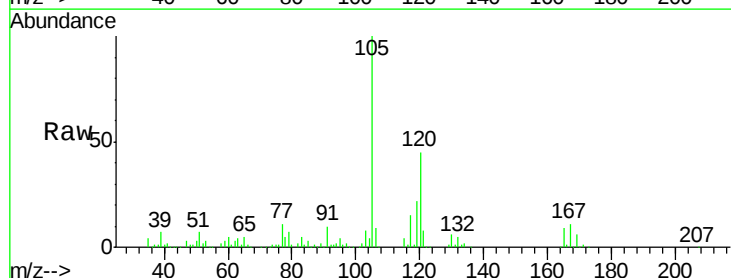
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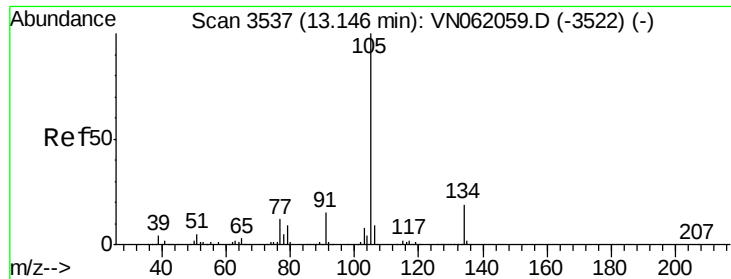
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.870 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062103.D
 Acq: 25 Jun 2020 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	220966		
120	45.3		23.2	69.5





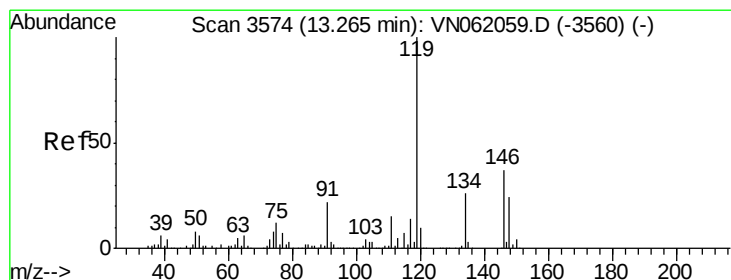
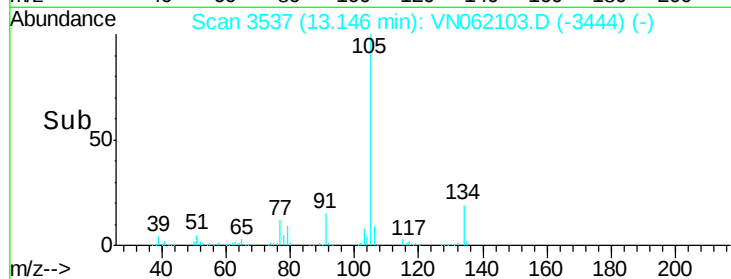
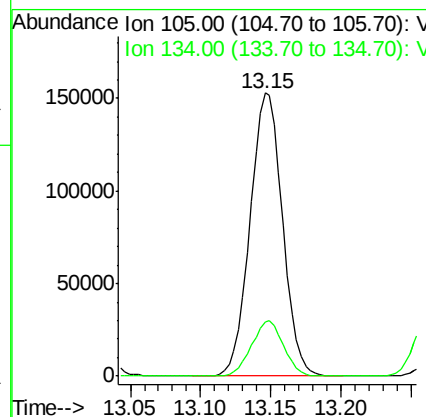
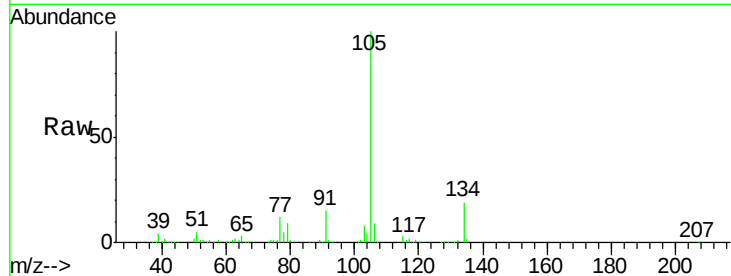
#85
 sec-Butylbenzene
 Concen: 19.514 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062103.D
 Acq: 25 Jun 2020 11:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.7	29.1

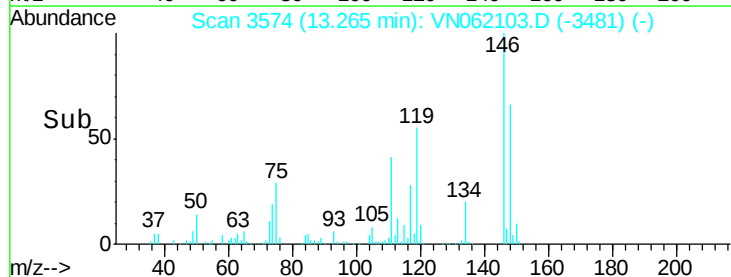
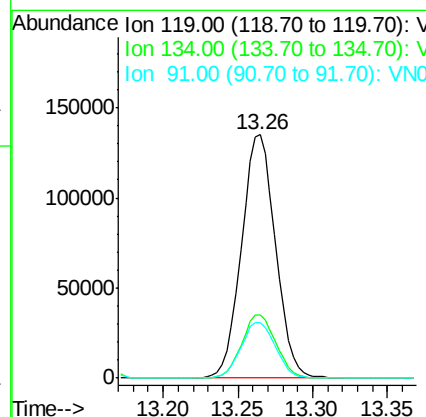
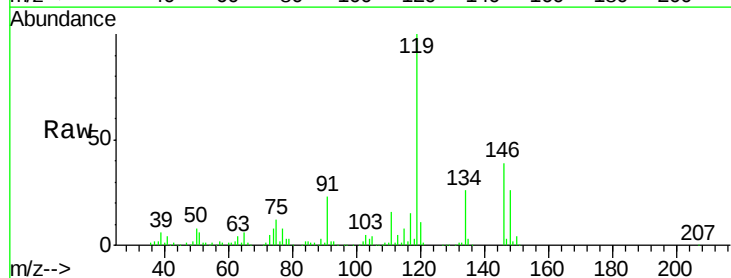
Manual Integrations
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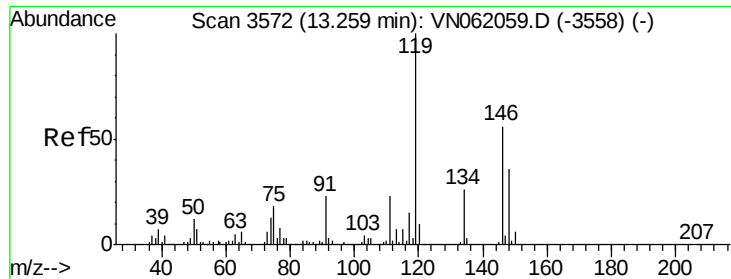
MMDadoda
 6/26/2020 7:00:55 PM



#86
 p-Isopropyltoluene
 Concen: 19.329 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062103.D
 Acq: 25 Jun 2020 11:40

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.0	39.0
91	23.3	11.3	33.8





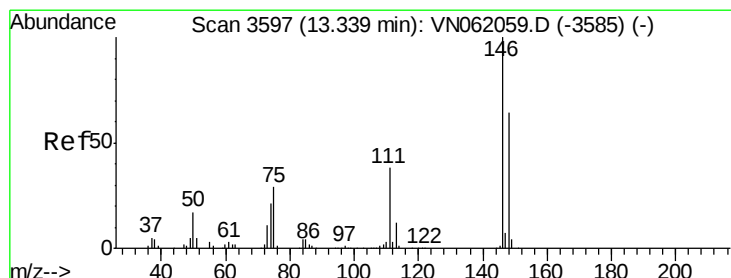
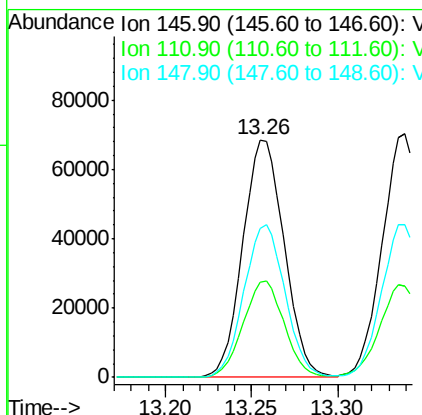
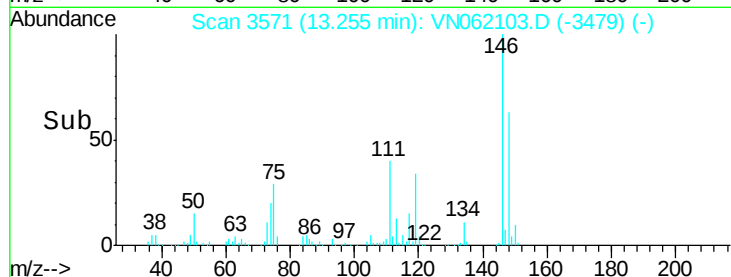
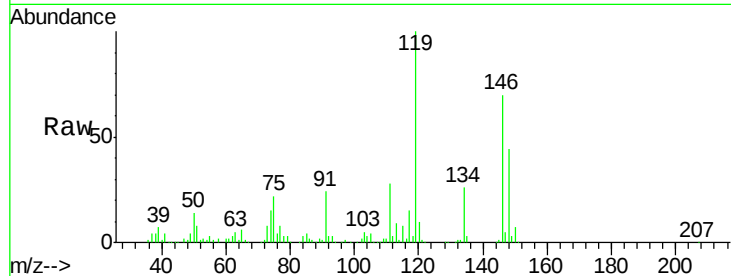
#87
 1,3-Dichlorobenzene
 Concen: 19.171 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN062103.D
 Acq: 25 Jun 2020 11:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	114792		
111	40.2	20.3	61.0	
148	63.6	31.8	95.3	

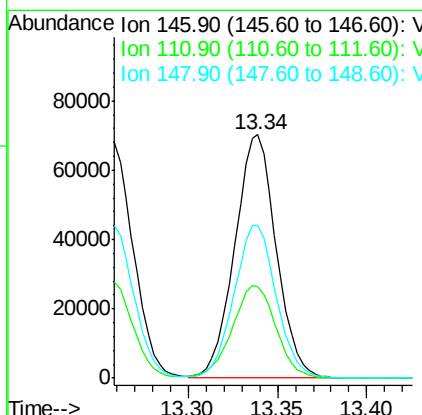
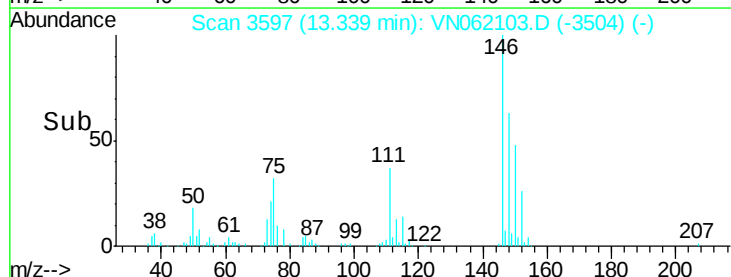
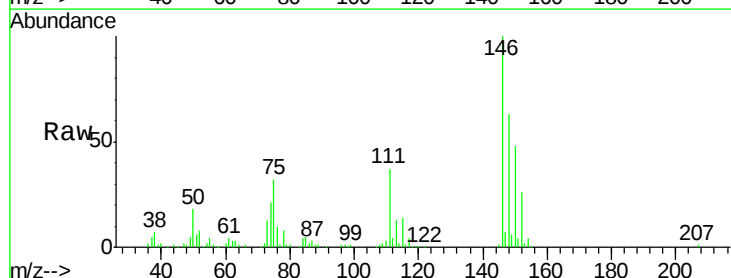
Manual Integrations
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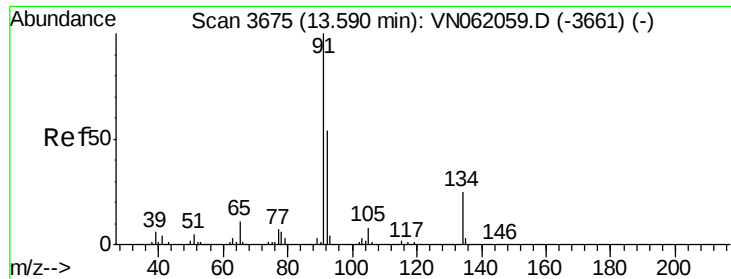
MMDadoda
 6/26/2020 7:00:55 PM



#88
 1,4-Dichlorobenzene
 Concen: 18.317 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062103.D
 Acq: 25 Jun 2020 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	113060		
111	40.5	19.9	59.6	
148	64.8	31.9	95.9	





#89

n-Butylbenzene

Concen: 18.580 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062103.D

Acq: 25 Jun 2020 11:40

Instrument :

MSVOA_N

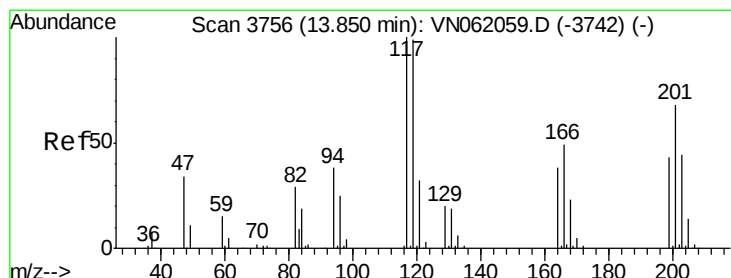
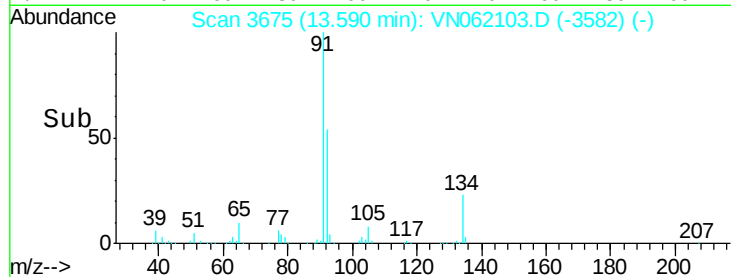
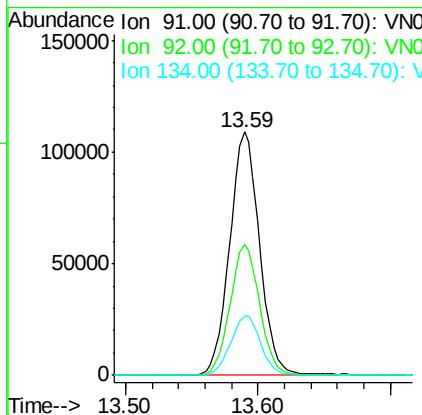
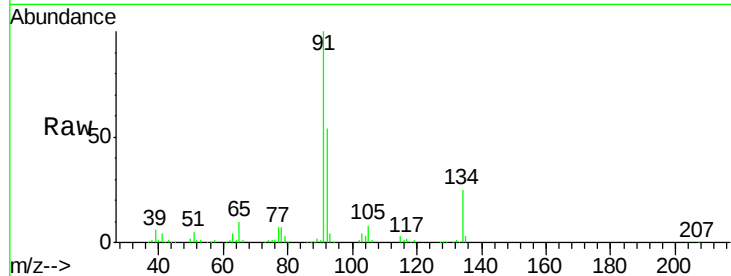
ClientSampleId :

VN0625WBS01

Tot Ion:	91	Resp:	170407
Ion Ratio	Lower	Upper	
91	100		
92	53.0	26.6	79.7
134	24.7	12.3	36.9

Manual Integrations
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#90

Hexachloroethane

Concen: 18.717 ug/l

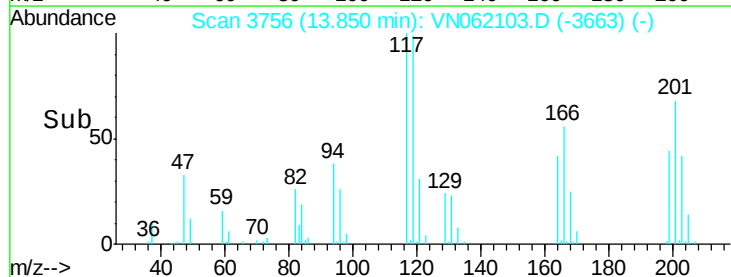
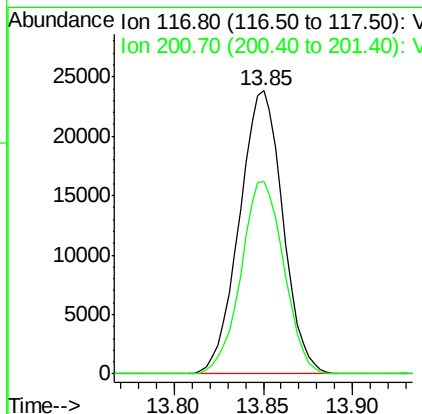
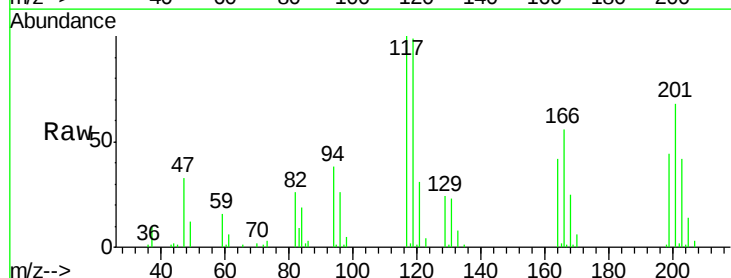
RT: 13.85 min Scan# 3756

Delta R.T. -0.00 min

Lab File: VN062103.D

Acq: 25 Jun 2020 11:40

Tgt Ion:	117	Resp:	40510
Ion Ratio	Lower	Upper	
117	100		
201	66.7	32.7	98.1





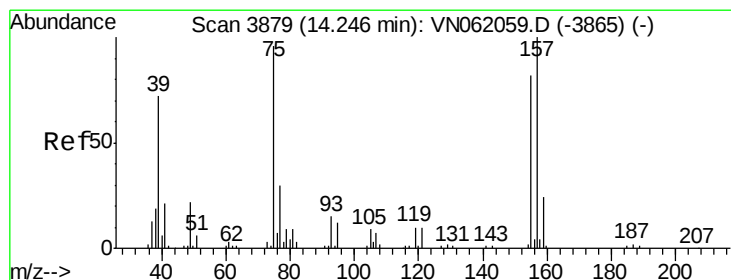
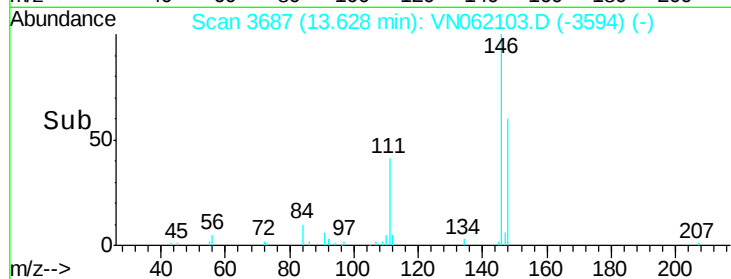
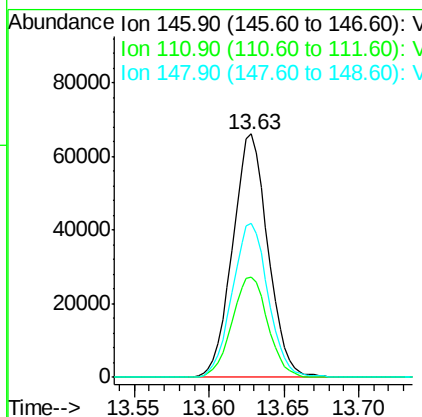
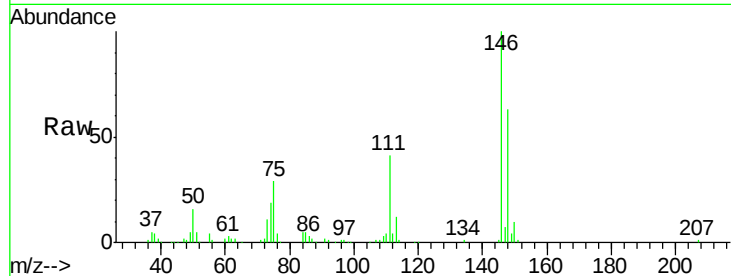
#91
 1,2-Dichlorobenzene
 Concen: 18.739 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062103.D
 Acq: 25 Jun 2020 11:40

Instrument :
 MSVOA_N
 ClientSampled :
 VN0625WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	21.2	63.6
148	64.3	31.9	95.5

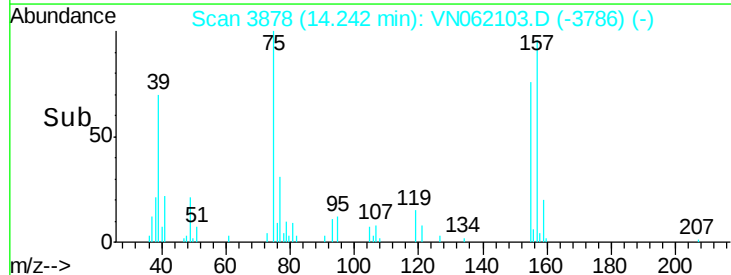
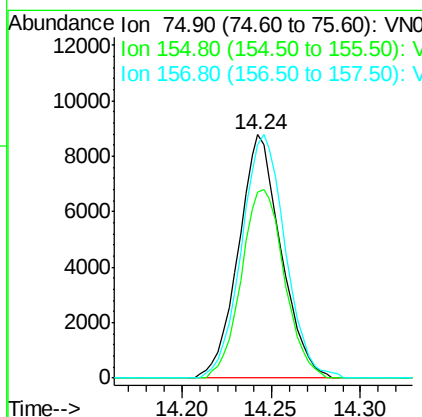
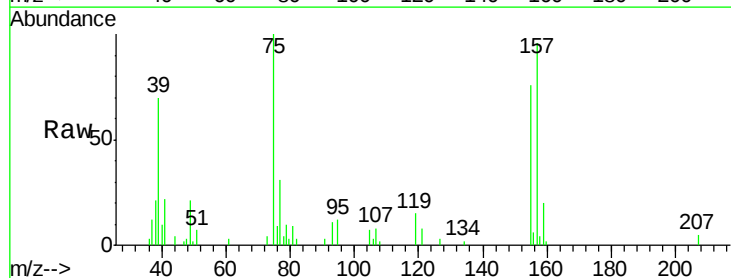
Manual Integrations
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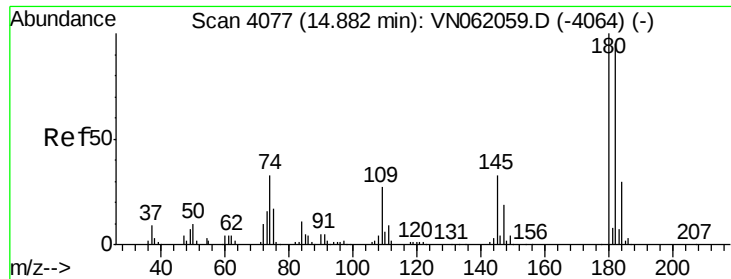
MMDadoda
 6/26/2020 7:00:55 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.903 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062103.D
 Acq: 25 Jun 2020 11:40

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.3	40.8	122.4
157	102.9	51.4	154.3





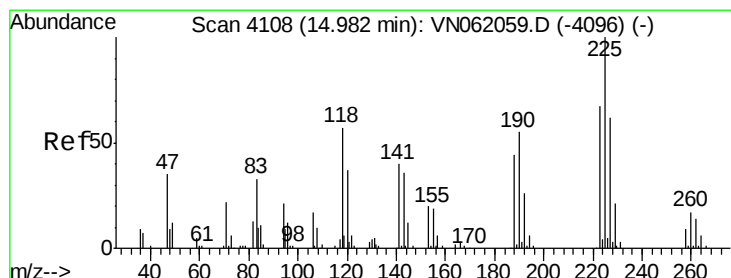
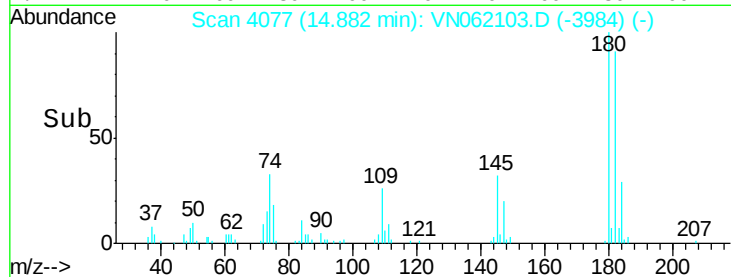
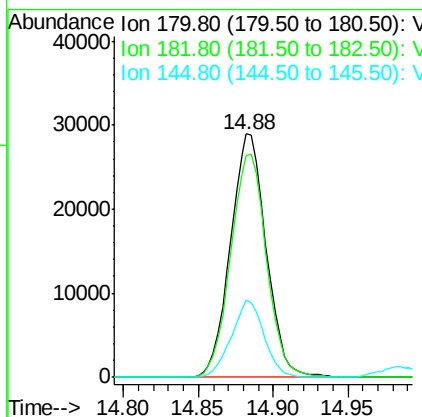
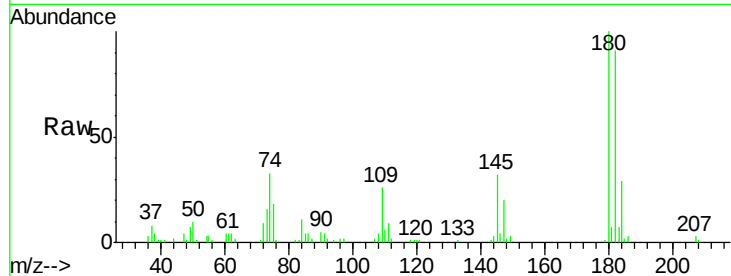
#93
 1,2,4-Trichlorobenzene
 Concen: 18.919 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062103.D
 Acq: 25 Jun 2020 11:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.2	48.0	144.2
145	29.1	16.0	48.0

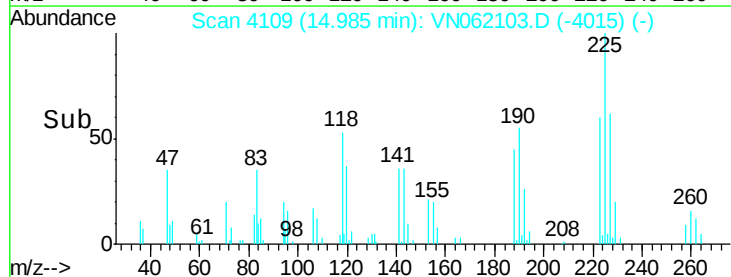
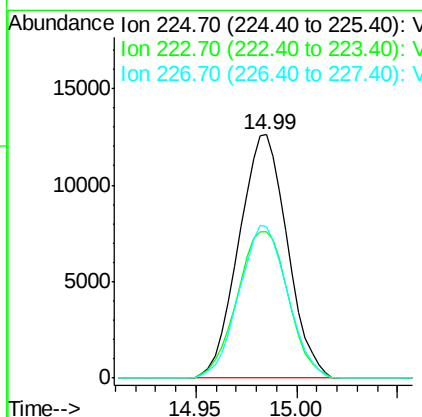
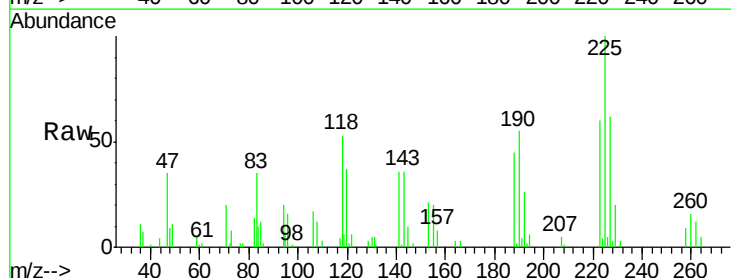
Manual Integrations
 APPROVED

MMDadoda
 6/26/2020 7:00:55 PM



#94
 Hexachlorobutadiene
 Concen: 19.262 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062103.D
 Acq: 25 Jun 2020 11:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	32.9	98.7
227	62.4	31.3	93.8





#95

Naphthalene

Concen: 18.345 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

Lab File: VN062103.D

Acq: 25 Jun 2020 11:40

Instrument :

MSVOA_N

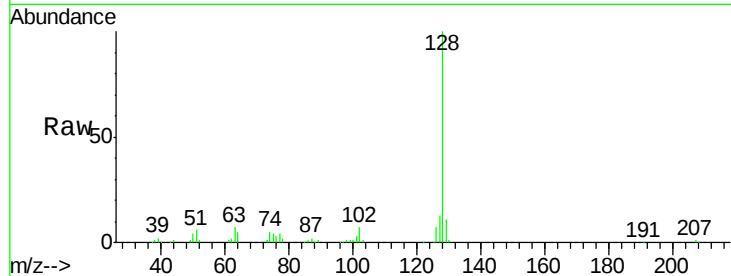
ClientSampleId :

VN0625WBS01

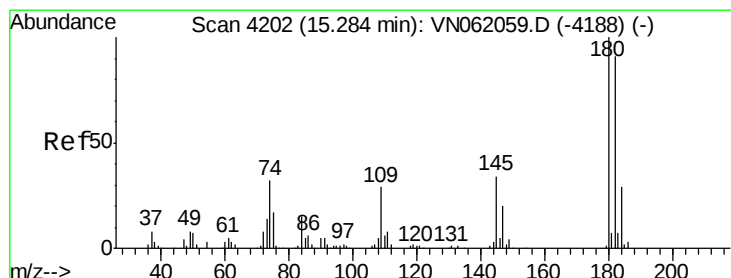
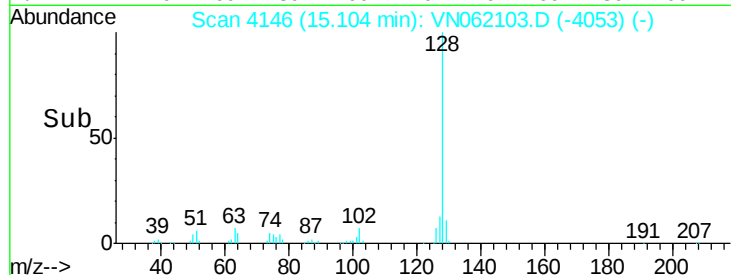
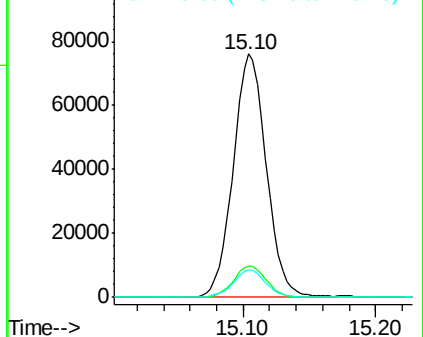
Tot Ion:	128	Resp:	131905
Ion Ratio		Lower	Upper
128	100		
127	12.7	10.5	15.7
129	11.1	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/26/2020 7:00:55 PM



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: 17.971 ug/l

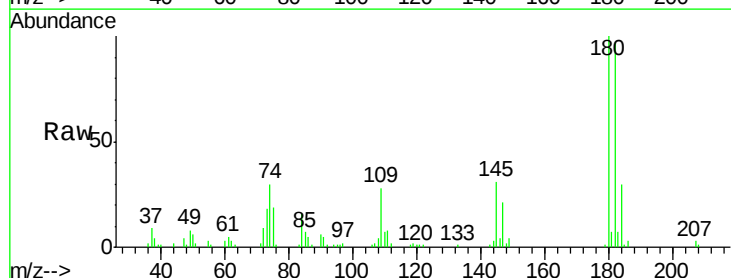
RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN062103.D

Acq: 25 Jun 2020 11:40

Tgt Ion:	180	Resp:	46613
Ion Ratio		Lower	Upper
180	100		
182	97.1	46.8	140.4
145	33.4	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

