

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090420\
 Data File : VN063237.D
 Acq On : 4 Sep 2020 10:55
 Operator : JC/MD
 Sample : VN0904WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/8/2020 5:34:32 PM

Quant Time: Sep 07 00:31:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	329156	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	580372	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	543944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	244124	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	254437	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	
35) Dibromofluoromethane	7.55	113	186256	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
50) Toluene-d8	10.06	98	716131	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
62) 4-Bromofluorobenzene	12.38	95	243426	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	57090	17.611	ug/l	95
3) Chloromethane	2.04	50	83537	17.697	ug/l	99
4) Vinyl Chloride	2.17	62	98852	18.958	ug/l	98
5) Bromomethane	2.54	94	92769	21.136	ug/l	98
6) Chloroethane	2.68	64	85236	20.560	ug/l	97
7) Trichlorofluoromethane	2.98	101	150939	18.555	ug/l	98
8) Diethyl Ether	3.37	74	45618	18.285	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.72	101	69373	19.574	ug/l	99
10) Methyl Iodide	3.91	142	77977	16.132	ug/l	99
11) Tert butyl alcohol	4.73	59	66260	100.320	ug/l	100
12) 1,1-Dichloroethene	3.70	96	67128	18.588	ug/l	93
13) Acrolein	3.57	56	11500	58.618	ug/l	100
14) Allyl chloride	4.28	41	106146	16.550	ug/l	89
15) Acrylonitrile	4.93	53	165306	90.895	ug/l	99
16) Acetone	3.78	43	149913	98.009	ug/l	98
17) Carbon Disulfide	4.01	76	175600	16.336	ug/l	97
18) Methyl Acetate	4.28	43	78460	20.005	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	243130	18.148	ug/l	97
20) Methylene Chloride	4.50	84	81248	18.581	ug/l	93
21) trans-1,2-Dichloroethene	4.99	96	73859	18.512	ug/l	95
22) Diisopropyl ether	5.90	45	263534	18.336	ug/l	99
23) Vinyl Acetate	5.84	43	1062429	92.641	ug/l	100
24) 1,1-Dichloroethane	5.80	63	148687	18.766	ug/l	99
25) 2-Butanone	6.78	43	235529	99.446	ug/l	100
26) 2,2-Dichloropropane	6.78	77	127373	17.743	ug/l	79
27) cis-1,2-Dichloroethene	6.78	96	90119	18.583	ug/l	98
28) Bromochloromethane	7.14	49	69795	16.860	ug/l	98
29) Tetrahydrofuran	7.16	42	154191	94.154	ug/l	99
30) Chloroform	7.33	83	152890	18.443	ug/l	96
31) Cyclohexane	7.61	56	127822	17.155	ug/l #	96
32) 1,1,1-Trichloroethane	7.53	97	135318	18.943	ug/l	99
36) 1,1-Dichloropropene	7.75	75	107993	19.356	ug/l	98
37) Ethyl Acetate	6.88	43	101578	19.514	ug/l #	94
38) Carbon Tetrachloride	7.73	117	110113	19.461	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	122723	19.579	ug/l	96
40) Benzene	8.00	78	335845	20.484	ug/l	98
41) Methacrylonitrile	7.13	41	46282	19.691	ug/l	94
42) 1,2-Dichloroethane	8.08	62	124228	20.284	ug/l	100
43) Isopropyl Acetate	8.12	43	183766	20.196	ug/l #	91
44) Trichloroethene	8.80	130	85925	21.606	ug/l	99
45) 1,2-Dichloropropane	9.08	63	84887	19.554	ug/l	95
46) Dibromomethane	9.17	93	59982	20.850	ug/l	99
47) Bromodichloromethane	9.37	83	121012	19.625	ug/l	100
48) Methyl methacrylate	9.16	41	83102	20.259	ug/l	94
49) 1,4-Dioxane	9.17	88	27436	432.439	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	541009	109.415	ug/l	100
52) Toluene	10.12	92	214522	21.004	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	127662	18.927	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	141003	19.915	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	80641	20.616	ug/l	98
56) Ethyl methacrylate	10.40	69	113540	19.074	ug/l	97
57) 1,3-Dichloropropane	10.68	76	141699	20.335	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	272925	88.540	ug/l	100
59) 2-Hexanone	10.72	43	380789	109.581	ug/l	98
60) Dibromochloromethane	10.87	129	83846	19.389	ug/l	100
61) 1,2-Dibromoethane	10.98	107	85914	21.129	ug/l	99
64) Tetrachloroethene	10.60	164	85493	21.887	ug/l	95
65) Chlorobenzene	11.41	112	219079	19.997	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	79566	19.561	ug/l	98
67) Ethyl Benzene	11.48	91	405174	20.273	ug/l	99
68) m/p-Xylenes	11.59	106	291141	39.331	ug/l	99
69) o-Xylene	11.92	106	144664	20.230	ug/l	97
70) Styrene	11.94	104	239655	19.501	ug/l	99
71) Bromoform	12.10	173	52119	18.881	ug/l #	96
73) Isopropylbenzene	12.23	105	386857	20.661	ug/l	99
74) N-amyl acetate	12.05	43	146498	18.889	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	109451	20.275	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	102945m	21.462	ug/l	
77) Bromobenzene	12.50	156	87615	20.690	ug/l	93
78) n-propylbenzene	12.57	91	453416	20.927	ug/l	100
79) 2-Chlorotoluene	12.65	91	255577	19.694	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	318605	20.443	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	34129	17.198	ug/l	92
82) 4-Chlorotoluene	12.75	91	269343	20.012	ug/l	100
83) tert-Butylbenzene	12.97	119	260520	19.491	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	325080	20.693	ug/l	100
85) sec-Butylbenzene	13.15	105	369271	21.198	ug/l	100
86) p-Isopropyltoluene	13.26	119	321909	20.814	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	159228	20.468	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	160309	19.902	ug/l	98
89) n-Butylbenzene	13.59	91	289370	20.253	ug/l	98
90) Hexachloroethane	13.85	117	50452	17.622	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	159928	21.185	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	22564	19.012	ug/l	96

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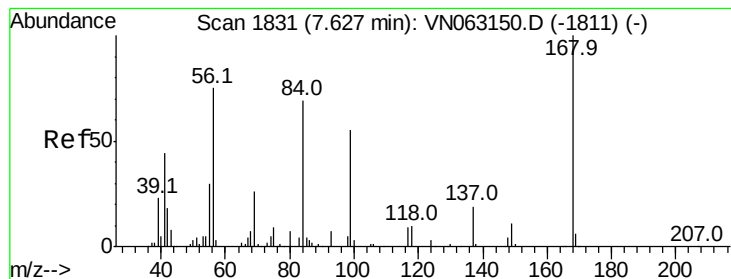
Manual Integrations
APPROVED

MMDadoda
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	85354	20.238	ug/l	96
94) Hexachlorobutadiene	14.98	225	31786	20.175	ug/l	98
95) Naphthalene	15.11	128	262578	18.661	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	82400	20.053	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBS01

Tot Ion:168 Resp: 329156

Ion Ratio Lower Upper

168 100

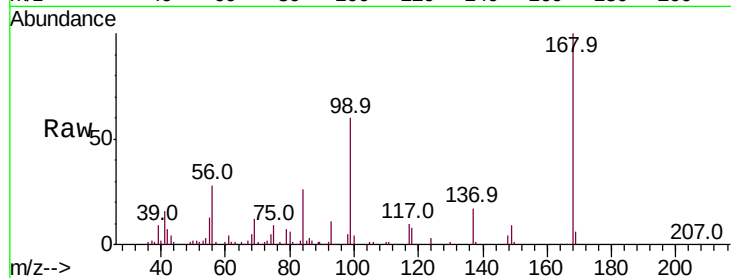
99 59.7 54.2 81.2

Manual Integrations

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9/8/2020 5:34:32 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

150000

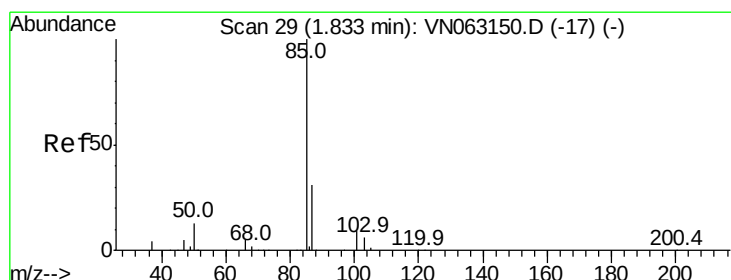
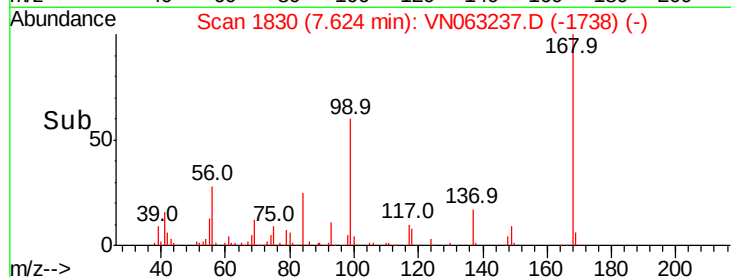
100000

50000

0

7.50 7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 17.611 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063237.D

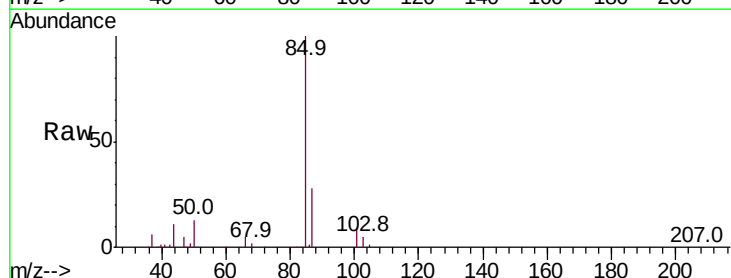
Acq: 4 Sep 2020 10:55

Tgt Ion: 85 Resp: 57090

Ion Ratio Lower Upper

85 100

87 28.5 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

50000

40000

30000

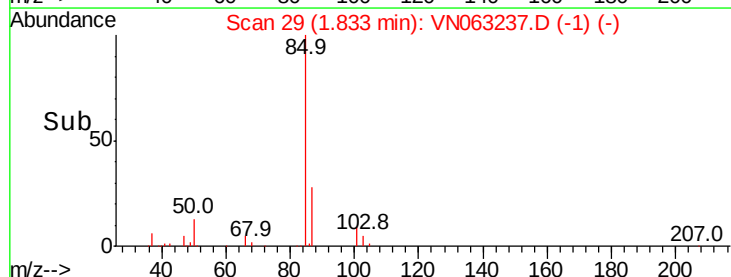
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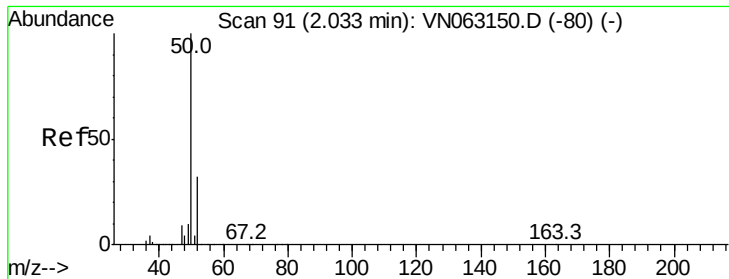
10000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 17.697 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBS01

Tot Ion: 50 Resp: 83537

Ion Ratio Lower Upper

50 100

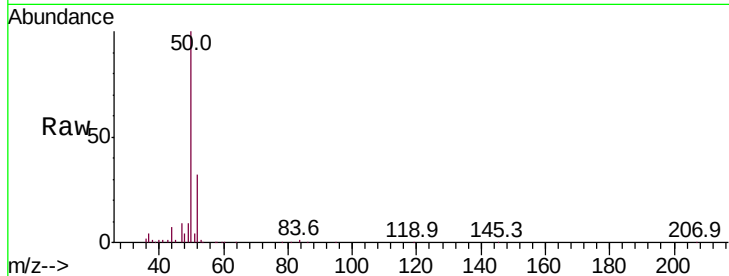
52 31.7 25.8 38.6

Manual Integrations

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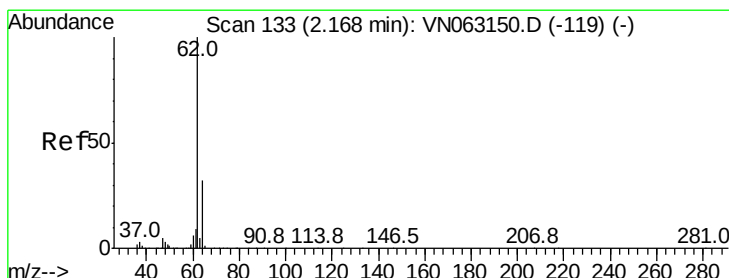
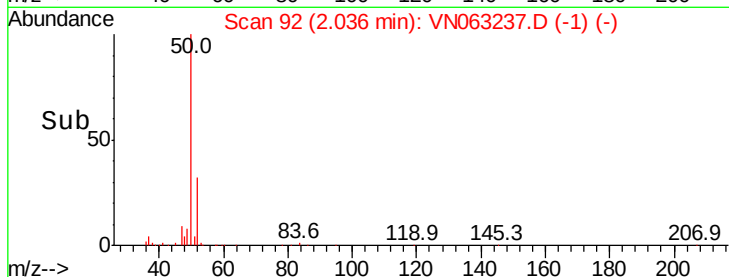
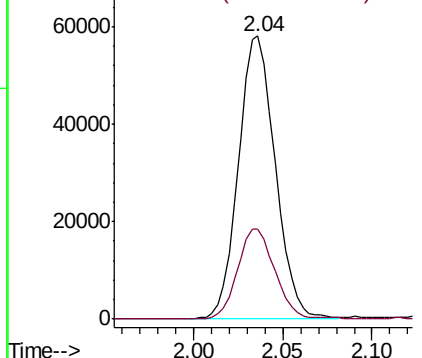
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 18.958 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN063237.D

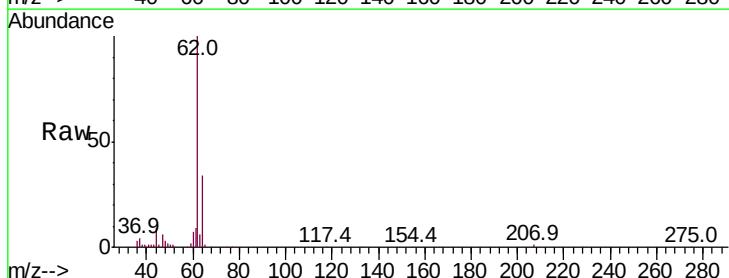
Acq: 4 Sep 2020 10:55

Tgt Ion: 62 Resp: 98852

Ion Ratio Lower Upper

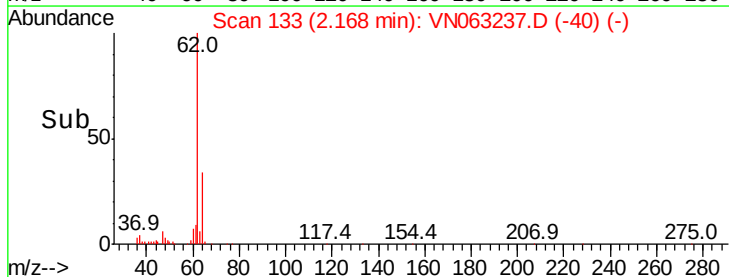
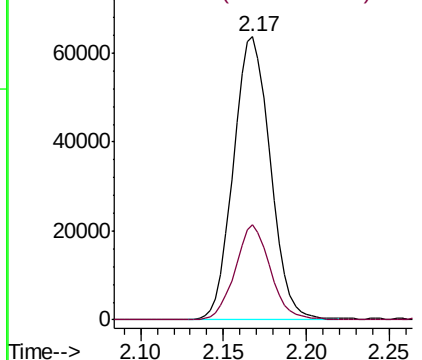
62 100

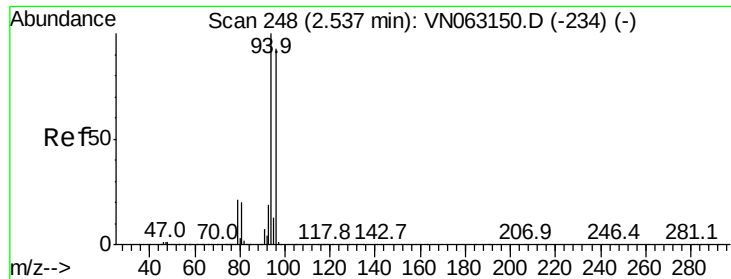
64 33.6 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 21.136 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBS01

Tot Ion: 94 Resp: 92769

Ion Ratio Lower Upper

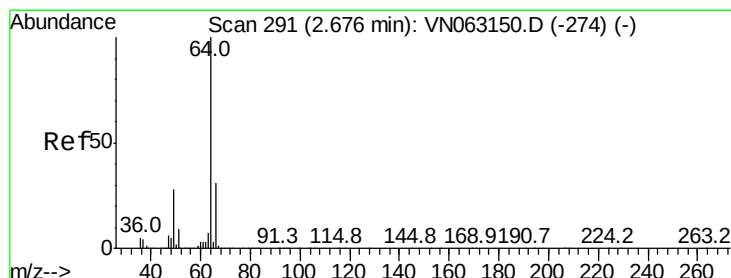
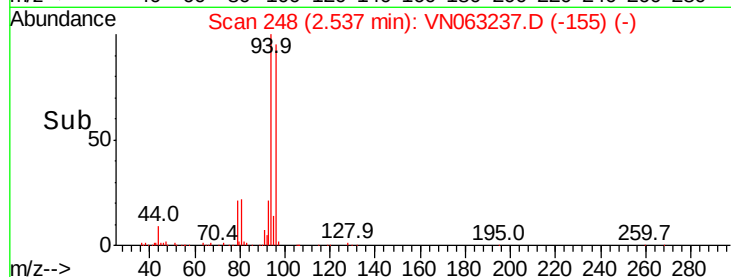
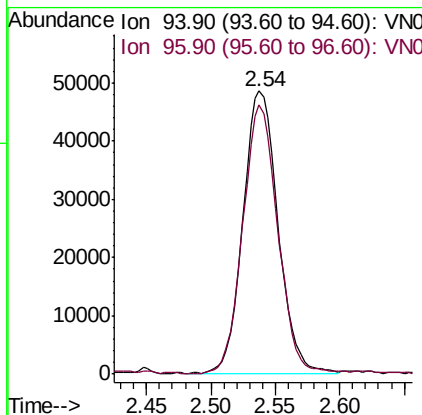
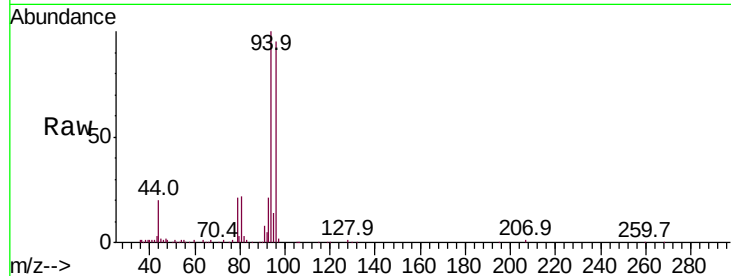
94 100

96 94.8 74.4 111.6

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#6

Chloroethane

Concen: 20.560 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN063237.D

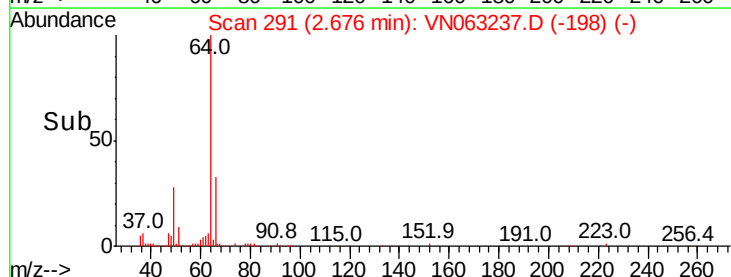
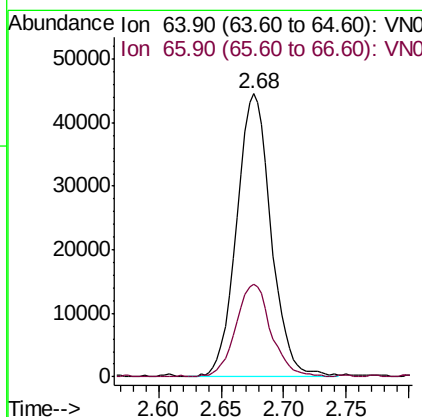
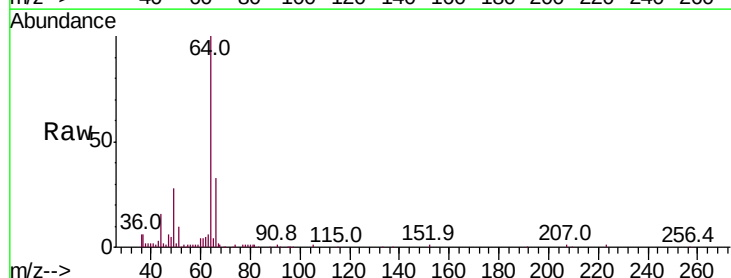
Acq: 4 Sep 2020 10:55

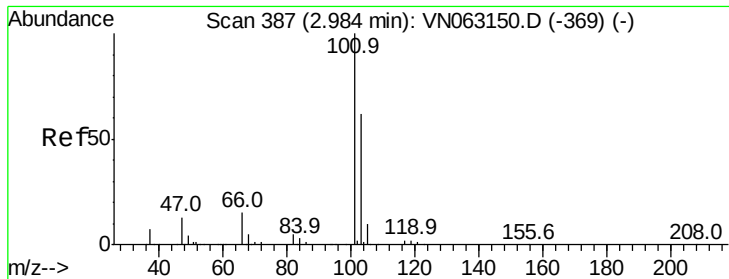
Tgt Ion: 64 Resp: 85236

Ion Ratio Lower Upper

64 100

66 32.5 24.7 37.1





#7

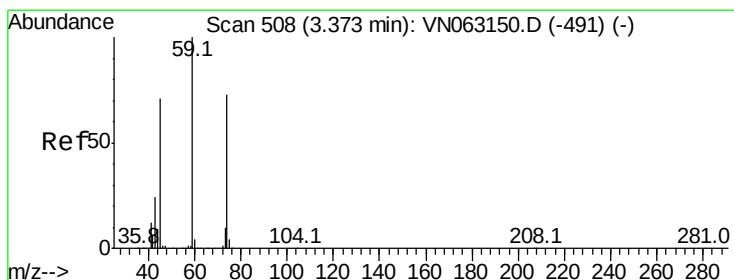
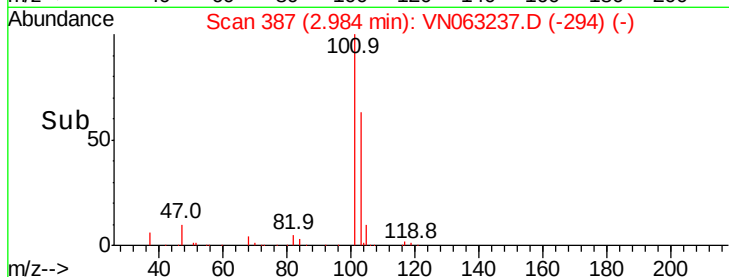
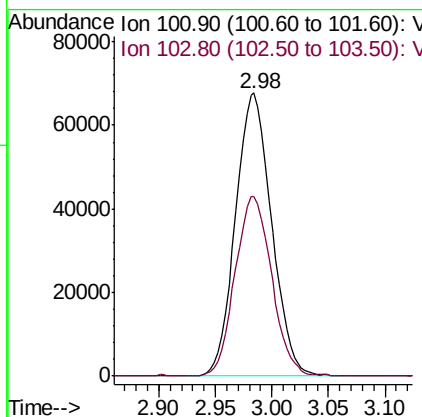
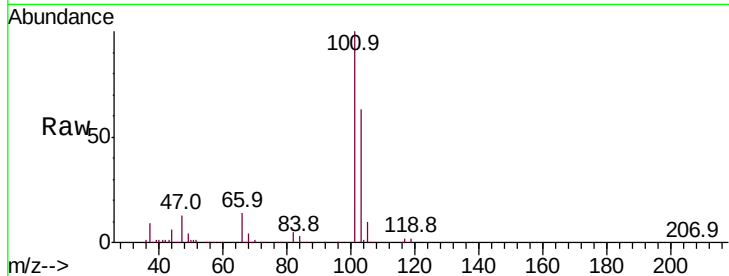
Trichlorofluoromethane
 Concen: 18.555 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN063237.D
 Acq: 4 Sep 2020 10:55

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 ClientSampleId :
 VN0904WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.5	49.7	74.5

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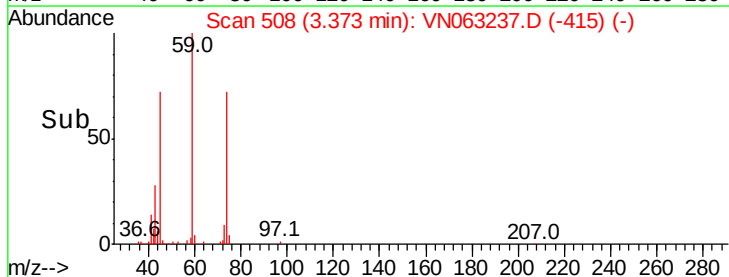
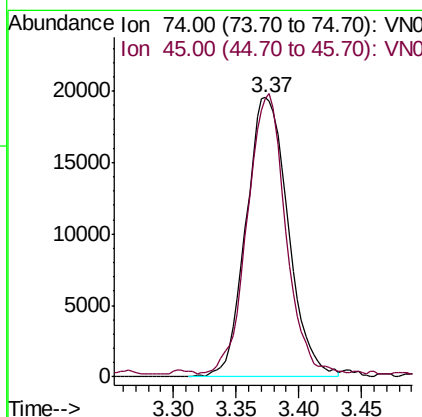
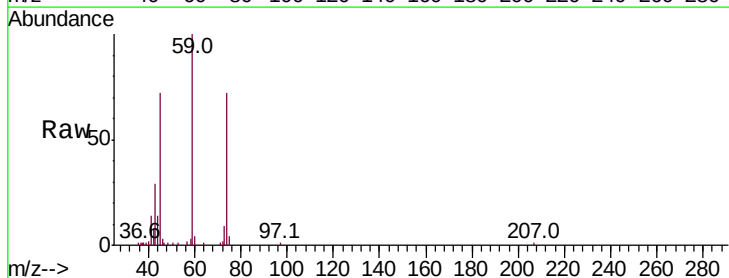
MMDadoda
 9/8/2020 5:34:32 PM

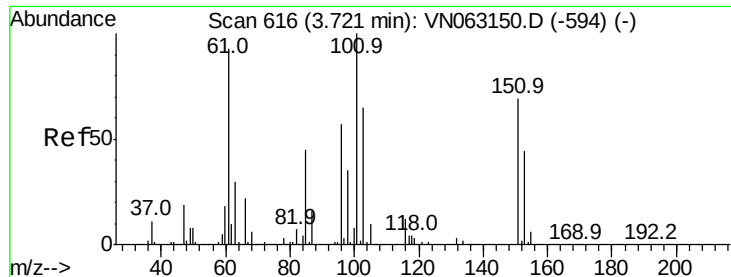


#8

Diethyl Ether
 Concen: 18.285 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN063237.D
 Acq: 4 Sep 2020 10:55

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.4	49.5	148.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.574 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

Instrument :

MSVOA_N

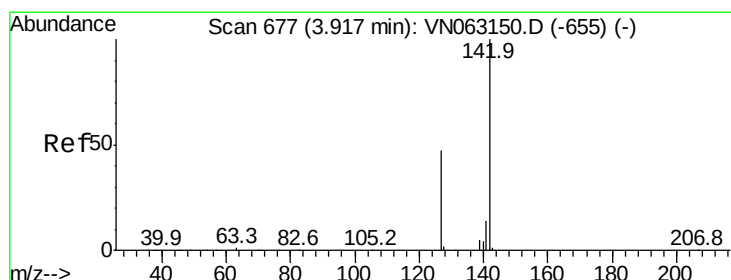
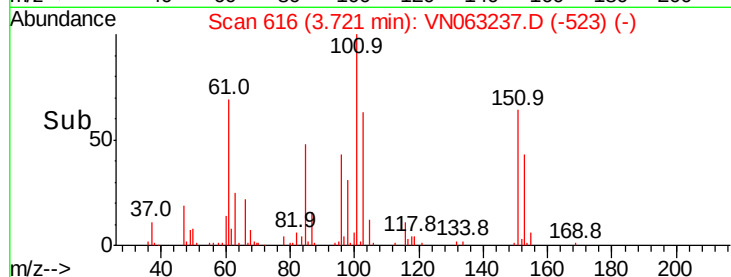
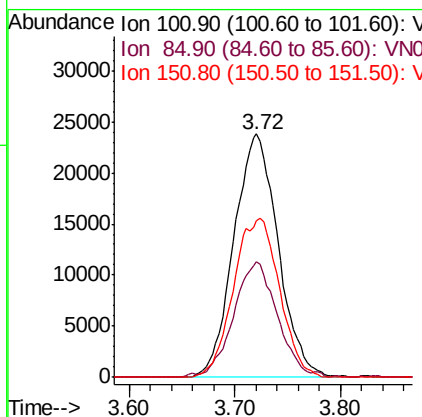
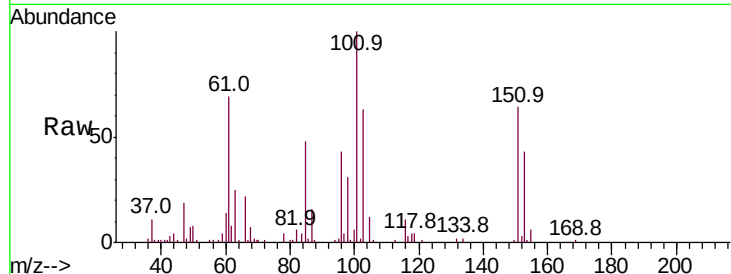
ClientSampleId :

VN0904WBS01

Tot Ion:	101	Resp:	69373
Ion Ratio	Lower	Upper	
101	100		
85	46.7	37.8	56.8
151	67.8	55.0	82.4

Manual Integrations
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#10

Methyl Iodide

Concen: 16.132 ug/l

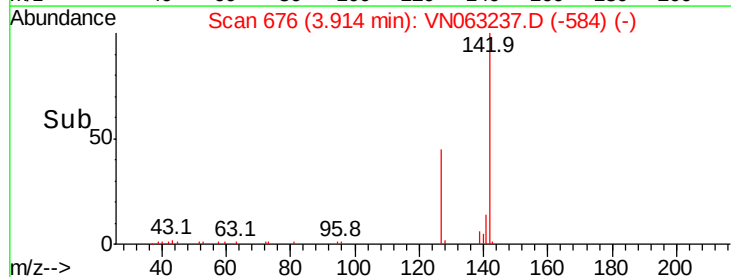
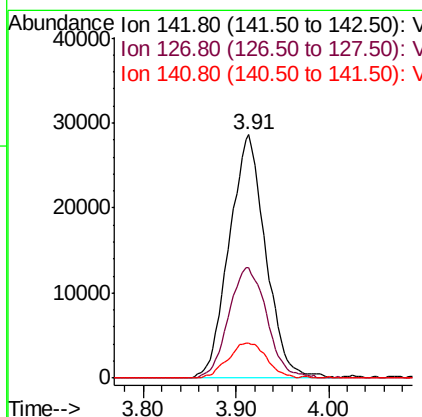
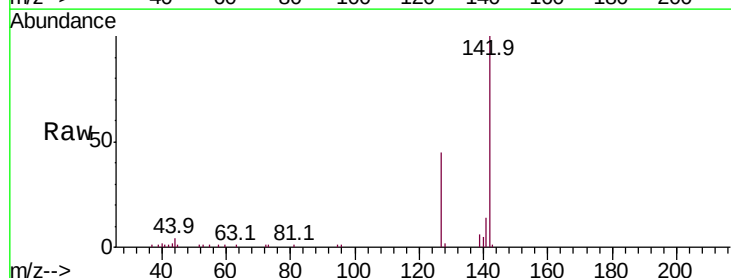
RT: 3.91 min Scan# 676

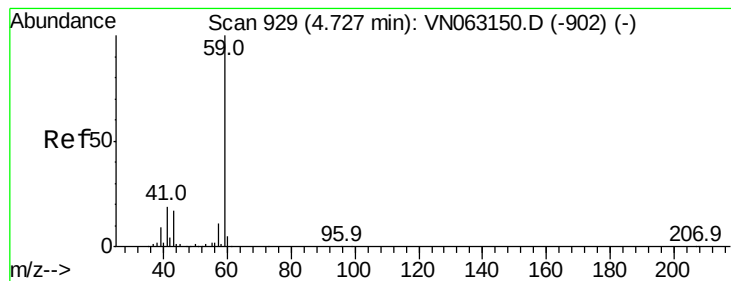
Delta R.T. -0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

Tgt Ion:	142	Resp:	77977
Ion Ratio	Lower	Upper	
142	100		
127	47.5	37.6	56.4
141	15.3	11.3	16.9





#11

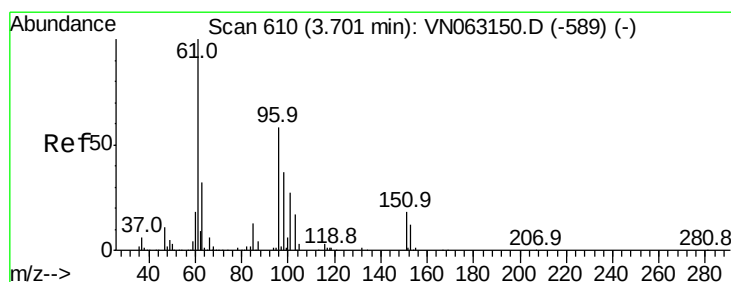
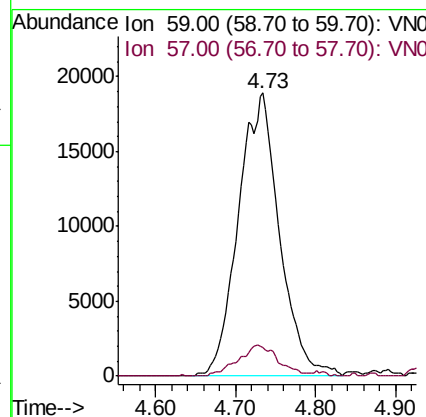
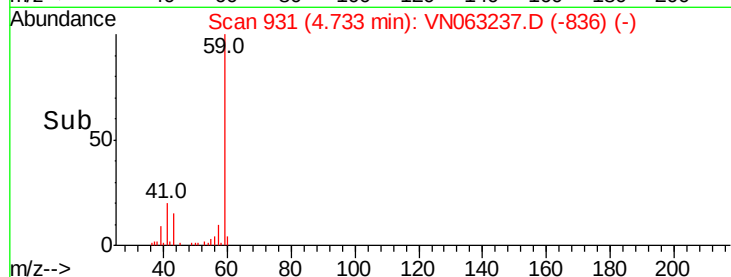
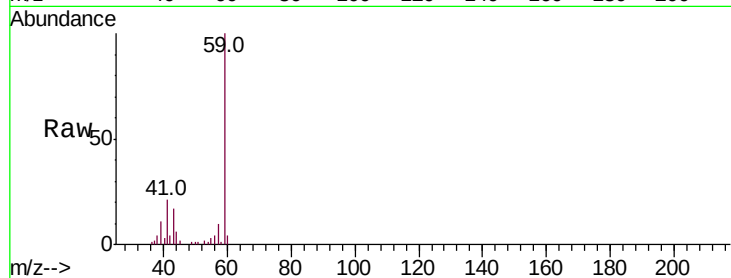
Tert butyl alcohol
 Concen: 100.320 ug/l
 RT: 4.73 min Scan# 931
 Delta R.T. 0.01 min
 Lab File: VN063237.D
 Acq: 4 Sep 2020 10:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBS01

Tot Ion: 59 Resp: 66260
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.4 12.6

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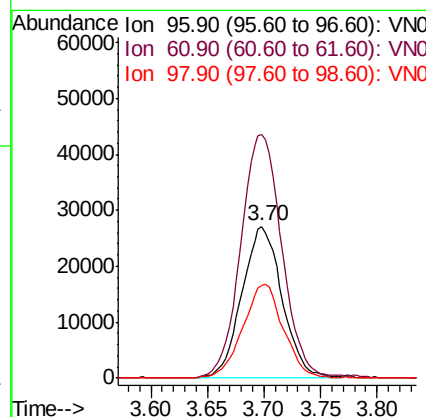
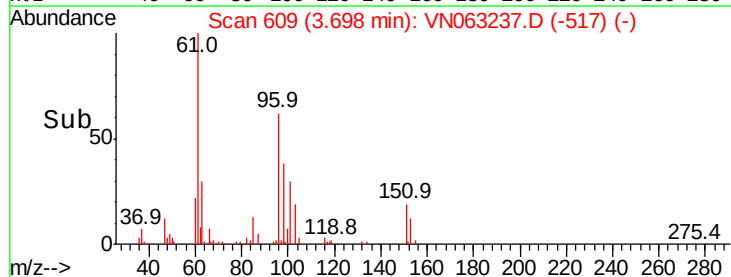
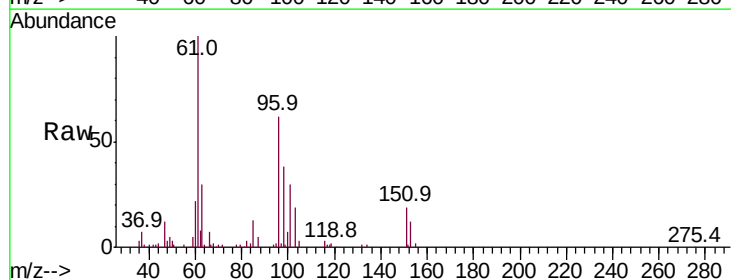
MMDadoda
 9/8/2020 5:34:32 PM

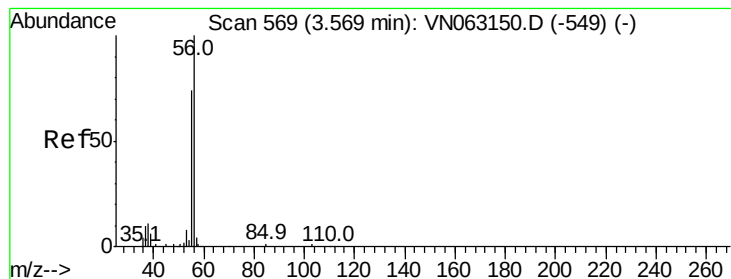


#12

1,1-Dichloroethene
 Concen: 18.588 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VN063237.D
 Acq: 4 Sep 2020 10:55

Tgt Ion: 96 Resp: 67128
 Ion Ratio Lower Upper
 96 100
 61 160.1 137.4 206.2
 98 61.1 50.5 75.7





#13

Acrolein

Concen: 58.618 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBS01

Tot Ion: 56 Resp: 11500

Ion Ratio Lower Upper

56 100

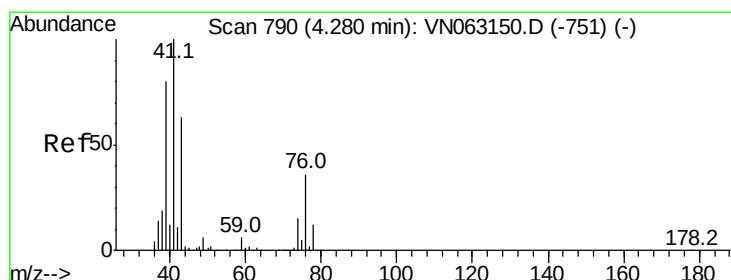
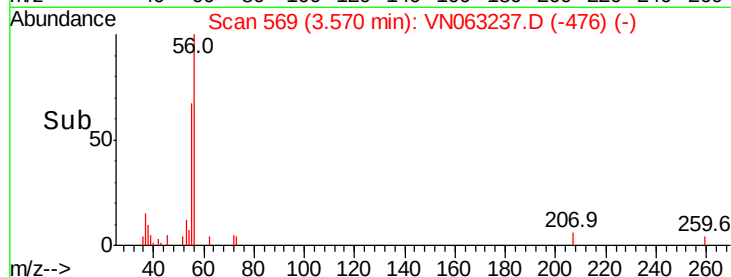
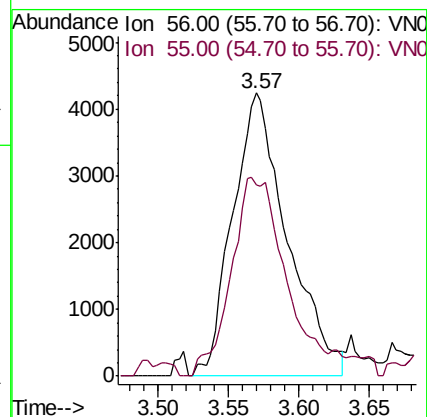
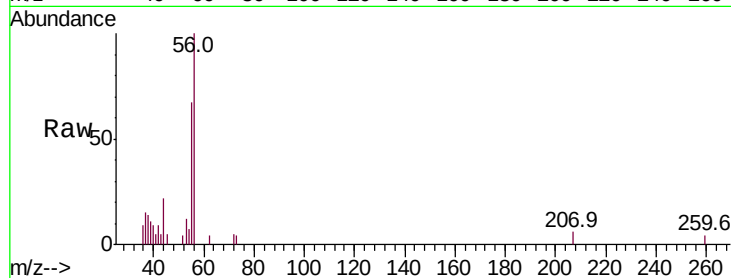
55 69.1 55.4 83.0

Manual Integrations

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#14

Allyl chloride

Concen: 16.550 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

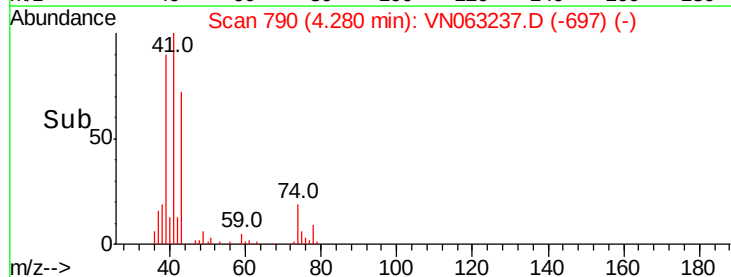
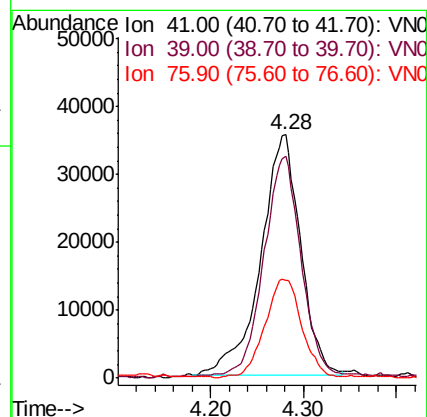
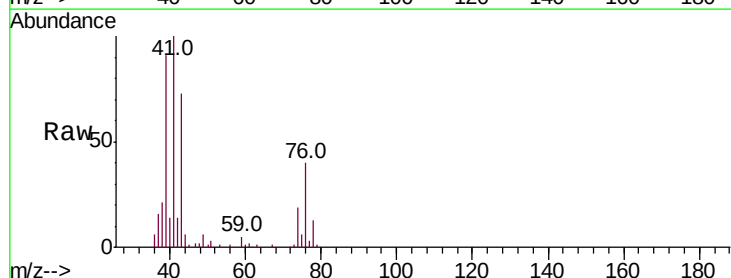
Tgt Ion: 41 Resp: 106146

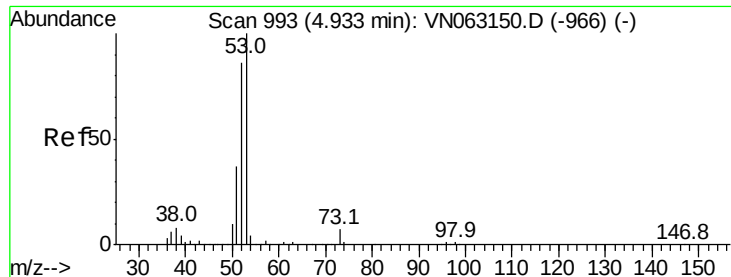
Ion Ratio Lower Upper

41 100

39 85.9 60.2 90.2

76 38.5 27.7 41.5





#15

Acrylonitrile

Concen: 90.895 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

Instrument :

MSVOA_N

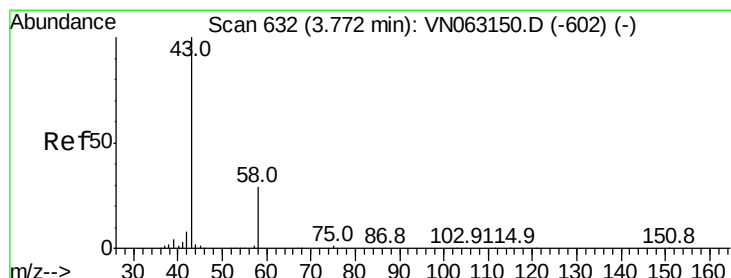
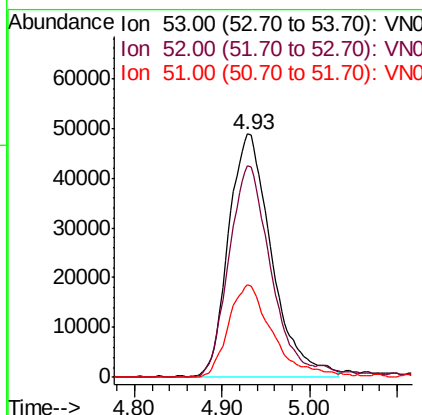
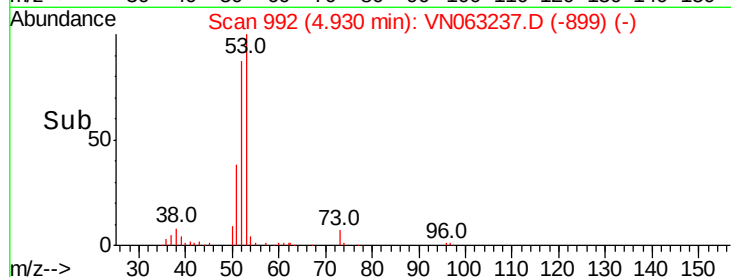
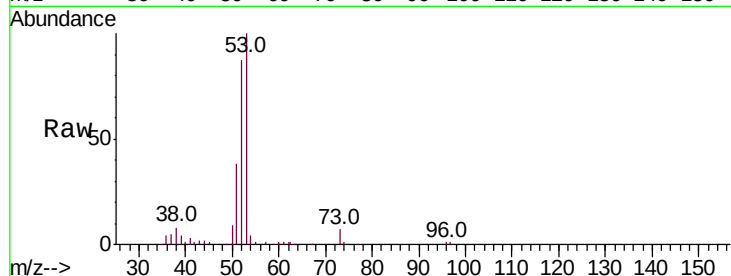
ClientSampleId :

VN0904WBS01

Tot Ion:	53	Resp:	165306
Ion Ratio	Lower	Upper	
53	100		
52	84.7	67.2	100.8
51	39.6	30.2	45.4

Manual Integrations
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#16

Acetone

Concen: 98.009 ug/l

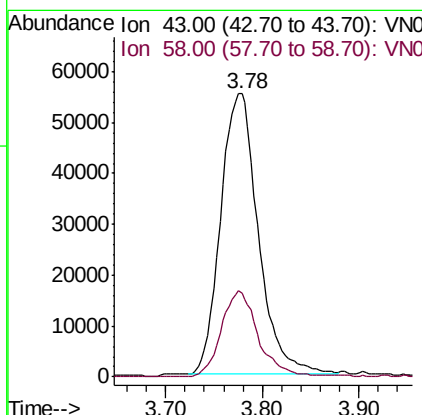
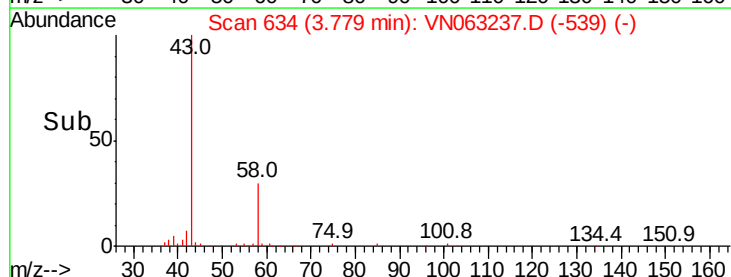
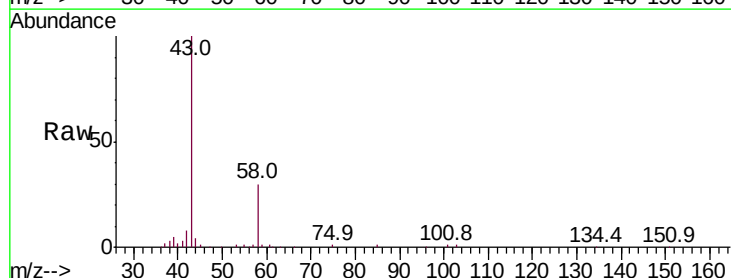
RT: 3.78 min Scan# 634

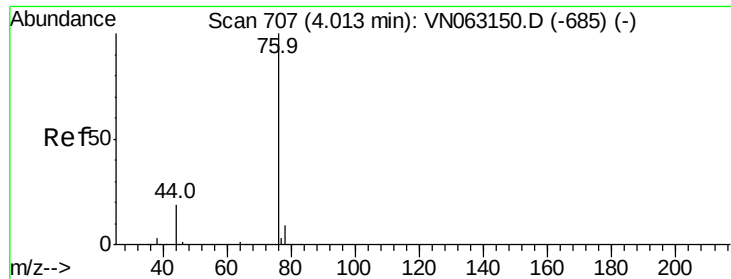
Delta R.T. 0.01 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

Tgt Ion:	43	Resp:	149913
Ion Ratio	Lower	Upper	
43	100		
58	29.8	23.1	34.7





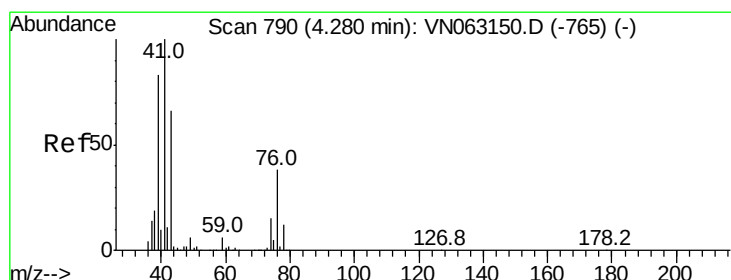
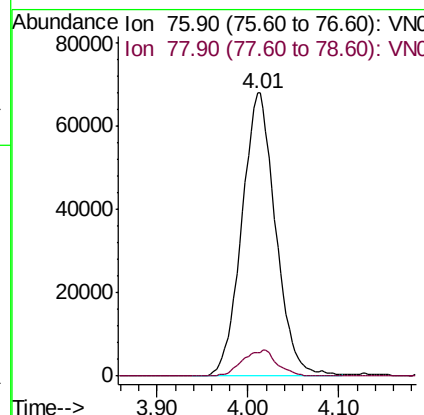
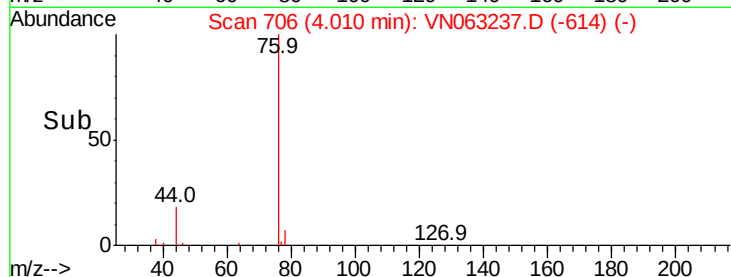
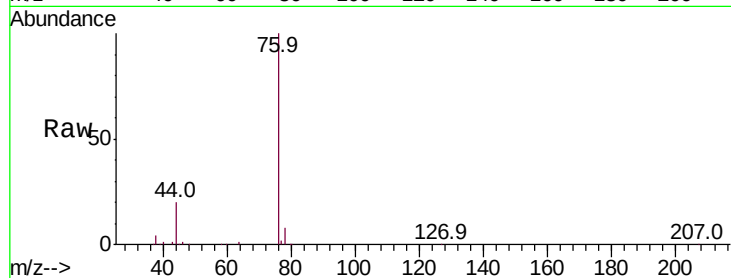
#17
Carbon Disulfide
Concen: 16.336 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN063237.D
Acq: 4 Sep 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VN0904WBS01

Tot Ion: 76 Resp: 175600
Ion Ratio Lower Upper
76 100
78 8.1 7.5 11.3

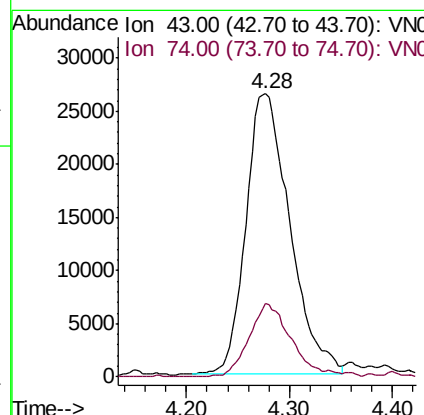
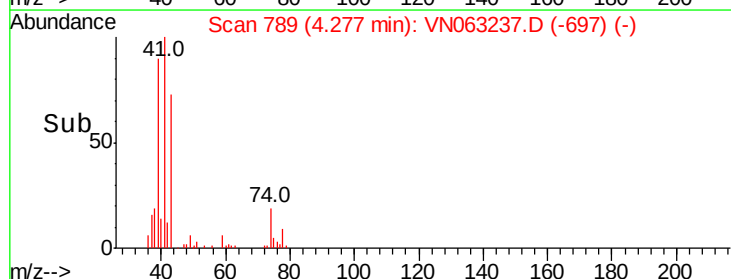
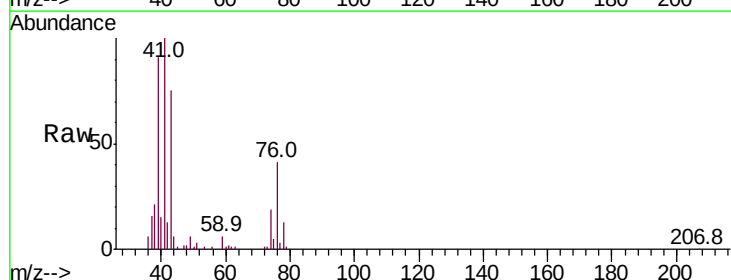
Manual Integrations
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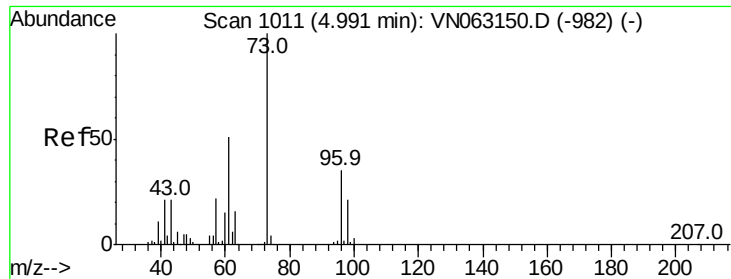
MMDadoda
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#18
Methyl Acetate
Concen: 20.005 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063237.D
Acq: 4 Sep 2020 10:55

Tgt Ion: 43 Resp: 78460
Ion Ratio Lower Upper
43 100
74 24.4 19.0 28.6





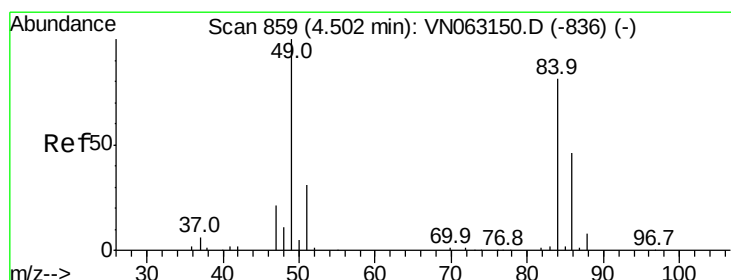
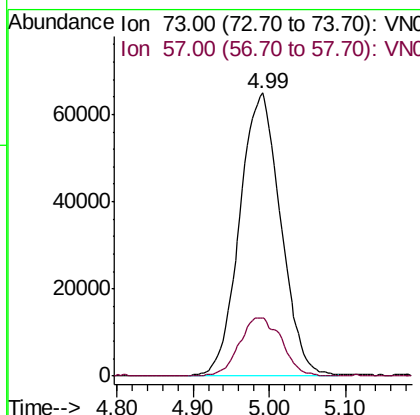
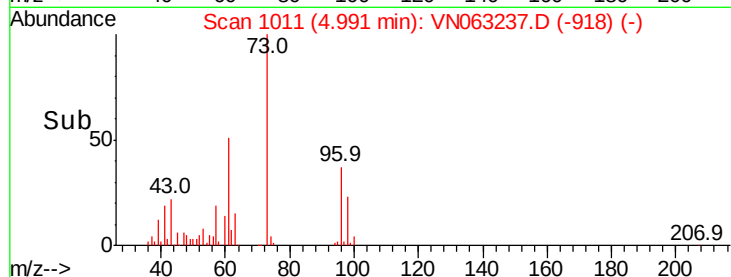
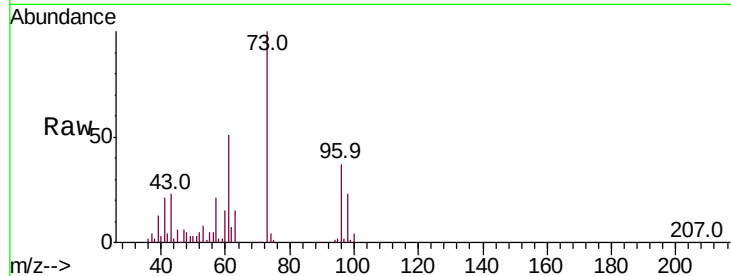
#19
Methyl tert-butyl Ether
Concen: 18.148 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063237.D
Acq: 4 Sep 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VN0904WBS01

Tot Ion: 73 Resp: 243130
Ion Ratio Lower Upper
73 100
57 20.7 17.6 26.4

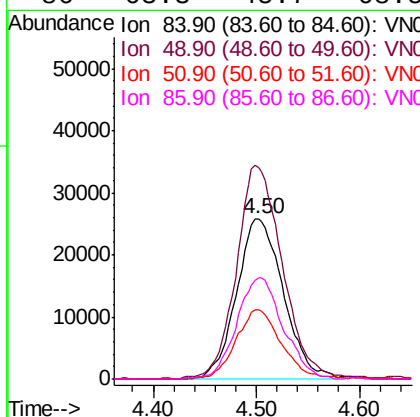
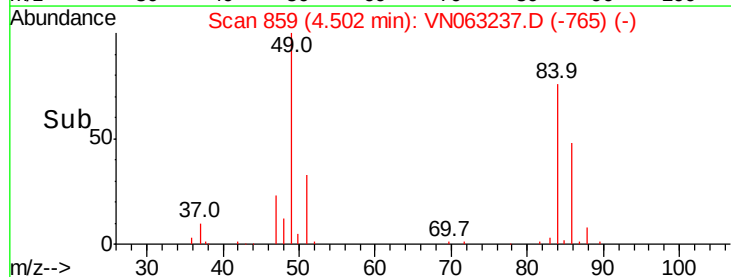
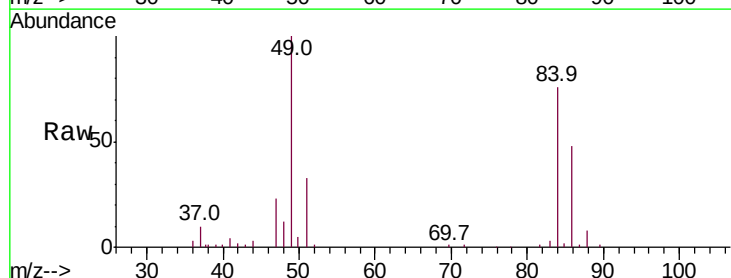
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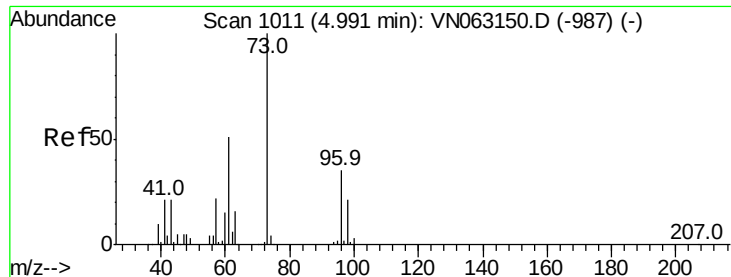
MMDadoda
9/8/2020 5:34:32 PM



#20
Methylene Chloride
Concen: 18.581 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN063237.D
Acq: 4 Sep 2020 10:55

Tgt Ion: 84 Resp: 81248
Ion Ratio Lower Upper
84 100
49 130.4 98.4 147.6
51 42.5 30.4 45.6
86 63.3 45.7 68.5





#21

trans-1,2-Dichloroethene

Concen: 18.512 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBS01

Tot Ion: 96 Resp: 73859

Ion Ratio Lower Upper

96 100

61 138.6 116.2 174.4

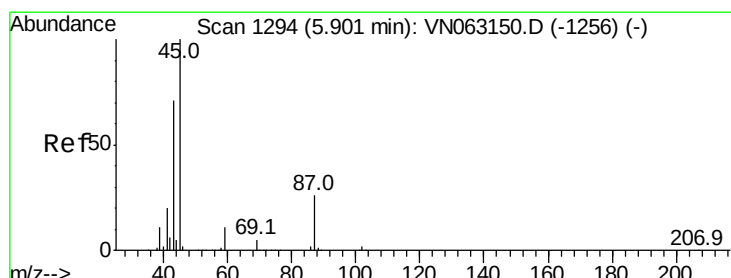
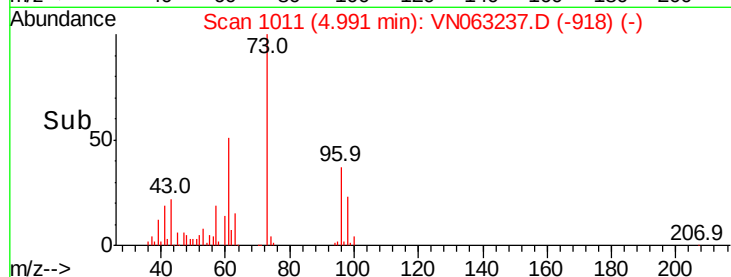
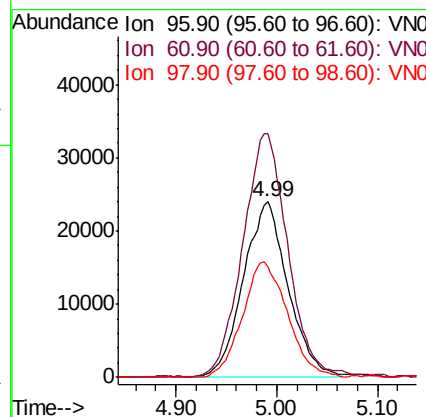
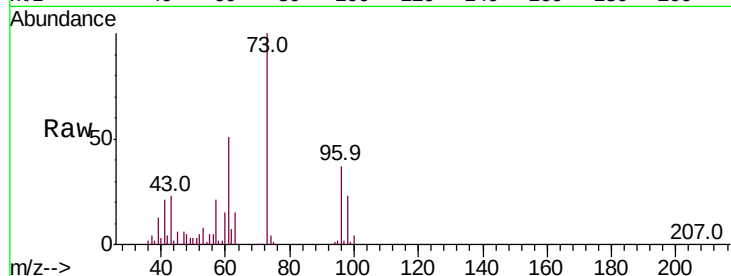
98 63.2 48.0 72.0

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#22

Diisopropyl ether

Concen: 18.336 ug/l

RT: 5.90 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

Tgt Ion: 45 Resp: 263534

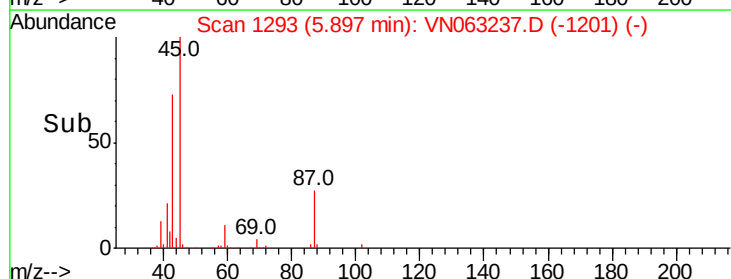
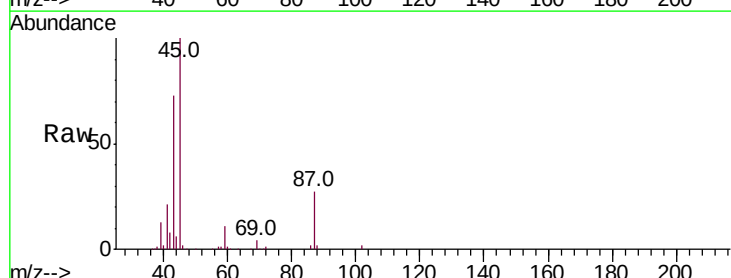
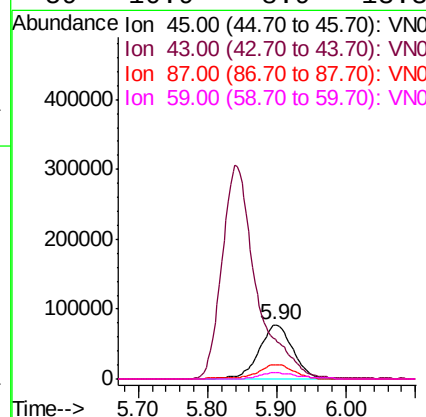
Ion Ratio Lower Upper

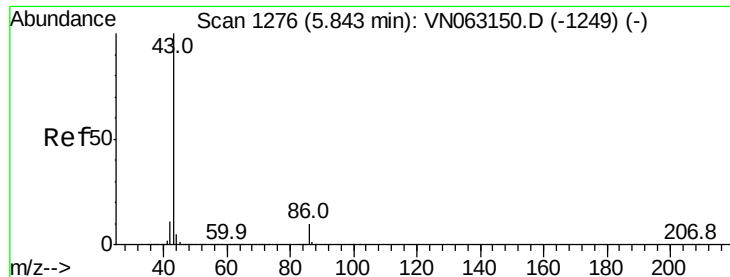
45 100

43 71.8 56.8 85.2

87 26.8 21.1 31.7

59 10.9 8.9 13.3





#23

Vinyl Acetate

Concen: 92.641 ug/l

RT: 5.84 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBS01

Tot Ion: 43 Resp: 1062429

Ion Ratio Lower Upper

43 100

86 10.3

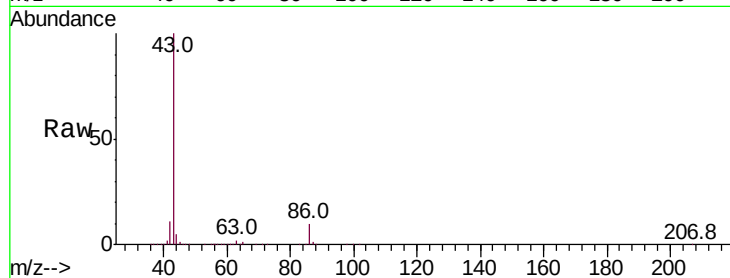
8.3

12.5

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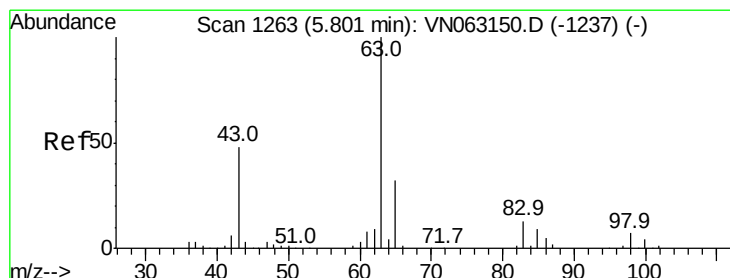
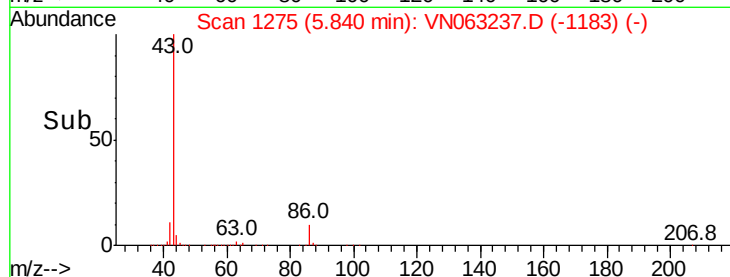
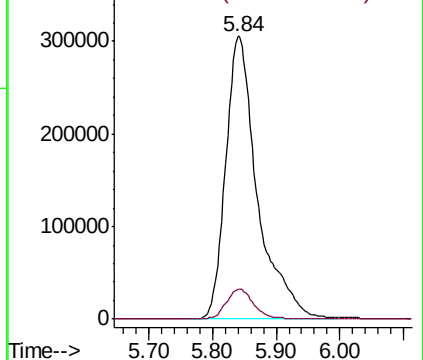
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 18.766 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

Tgt Ion: 63 Resp: 148687

Ion Ratio Lower Upper

63 100

98 7.1

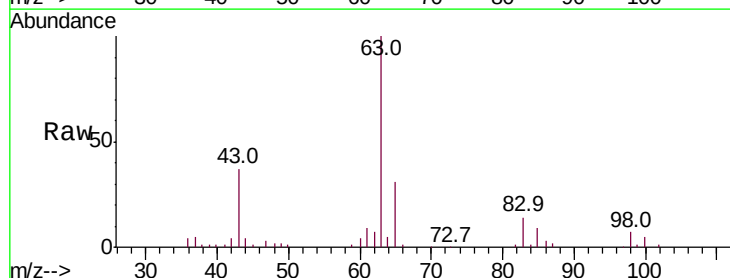
3.4

10.1

100 4.5

2.3

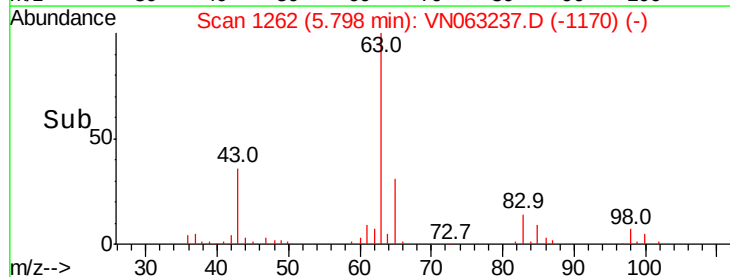
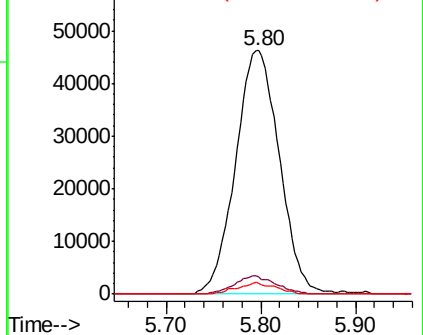
6.8

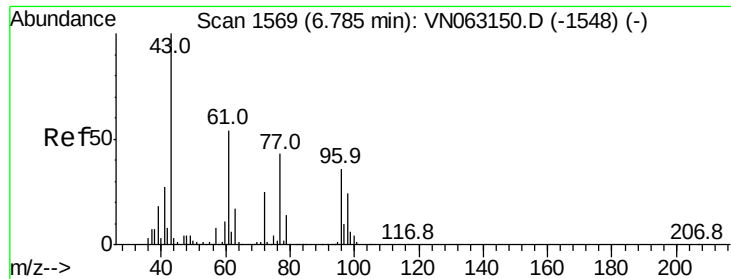


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





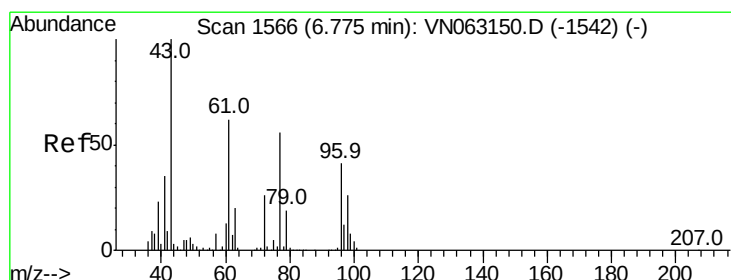
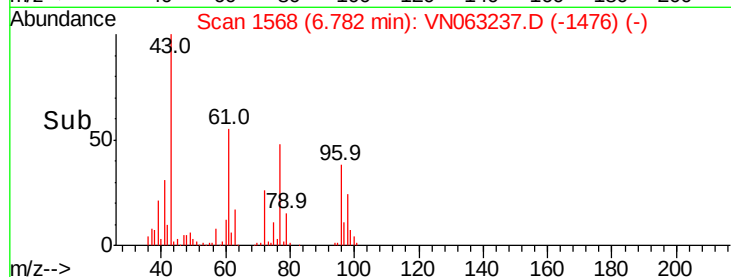
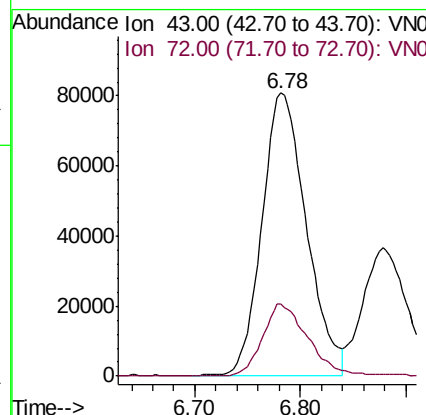
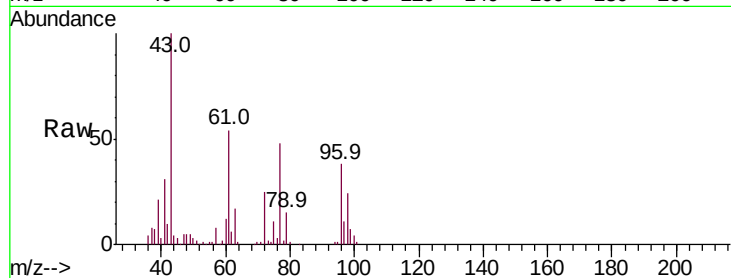
#25
 2-Butanone
 Concen: 99.446 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: VN063237.D
 Acq: 4 Sep 2020 10:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBS01

Tot Ion	43	Ratio	Lower	Upper
43	100			
72	25.5	20.2	30.4	

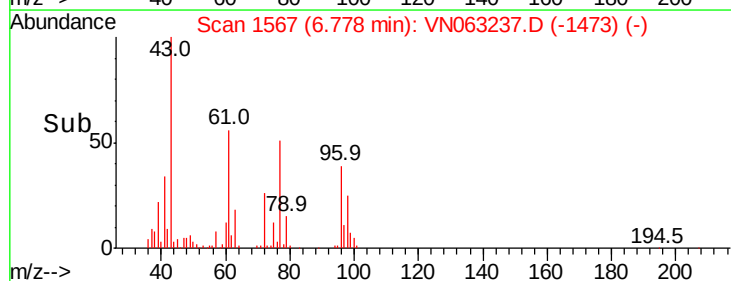
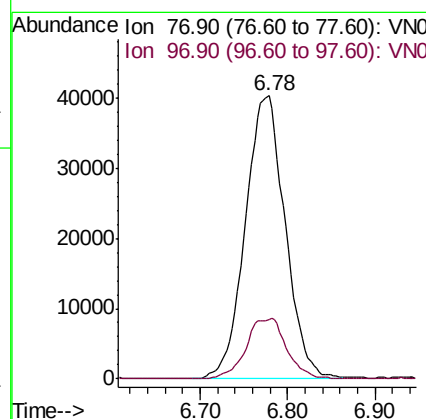
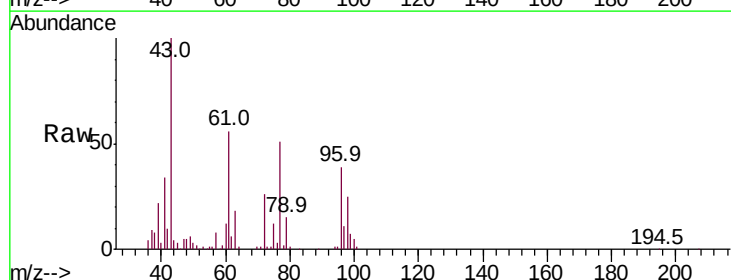
Manual Integrations
 APPROVED

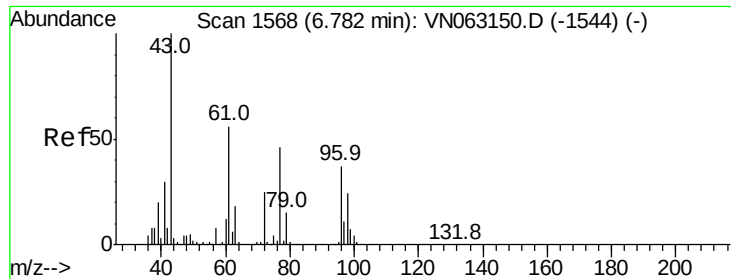
MMDadoda
 9/8/2020 5:34:32 PM



#26
 2,2-Dichloropropane
 Concen: 17.743 ug/l
 RT: 6.78 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: VN063237.D
 Acq: 4 Sep 2020 10:55

Tgt Ion	77	Ratio	Lower	Upper
77	100			
97	11.2	10.7	31.9	





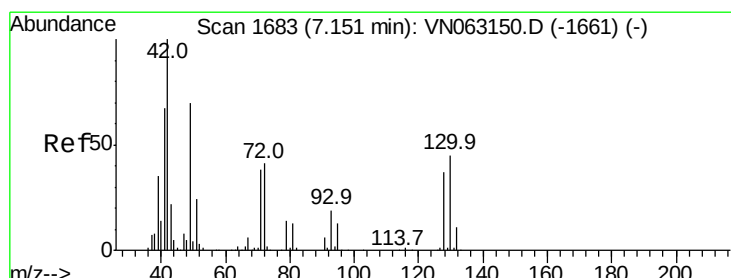
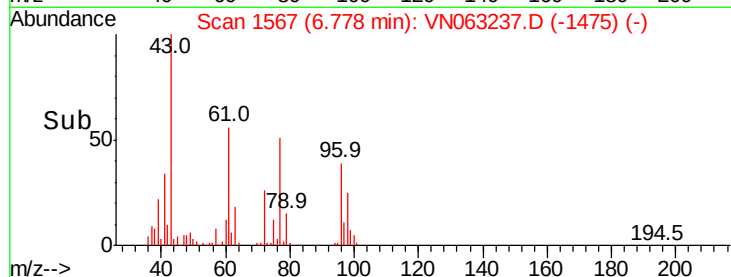
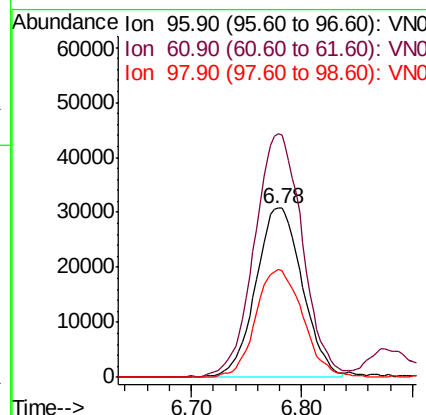
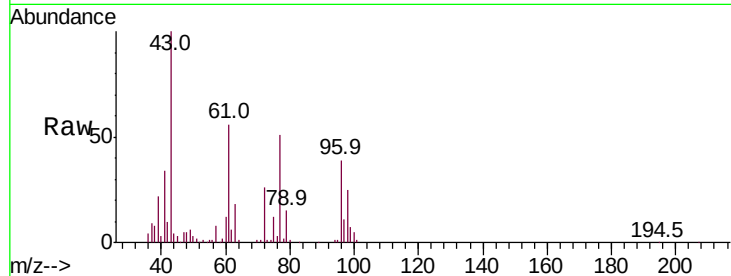
#27
 cis-1,2-Dichloroethene
 Concen: 18.583 ug/l
 RT: 6.78 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: VN063237.D
 Acq: 4 Sep 2020 10:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	148.2	0.0	303.2	
98	64.4	0.0	129.0	

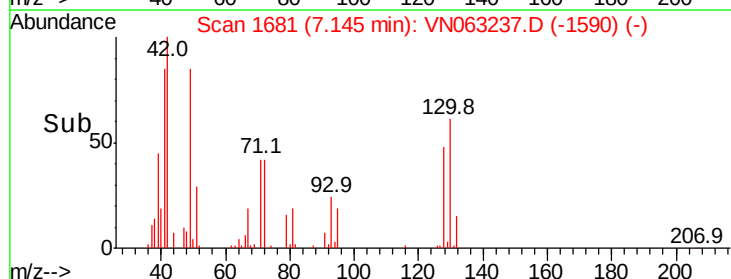
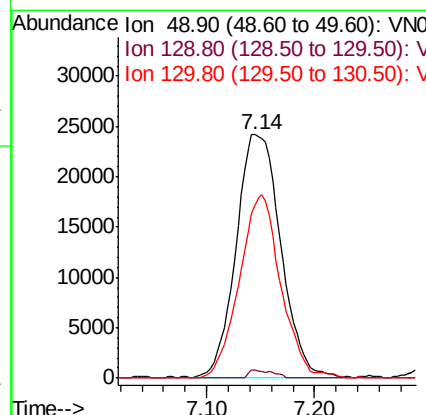
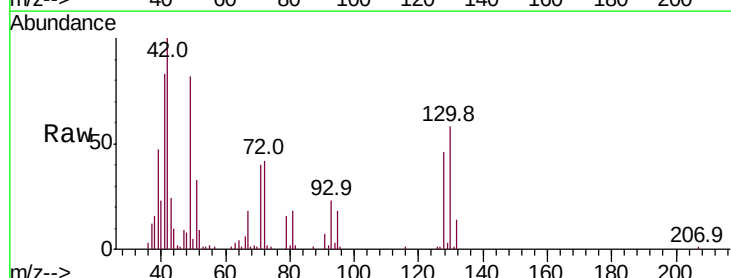
Manual Integrations
 APPROVED

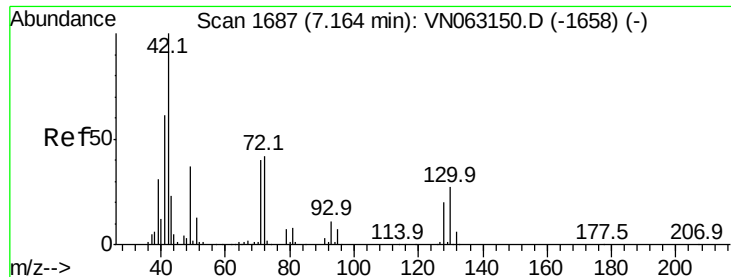
MMDadoda
 9/8/2020 5:34:32 PM



#28
 Bromochloromethane
 Concen: 16.860 ug/l
 RT: 7.14 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: VN063237.D
 Acq: 4 Sep 2020 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.8	0.0	4.0	
130	69.8	54.4	81.6	





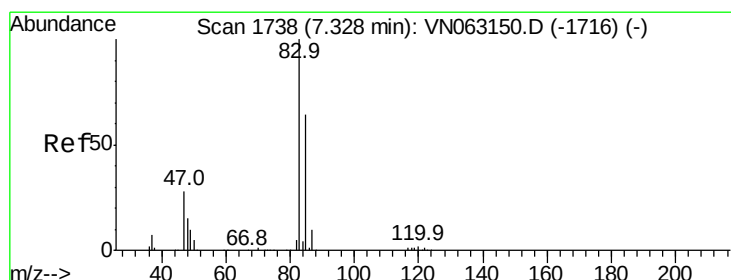
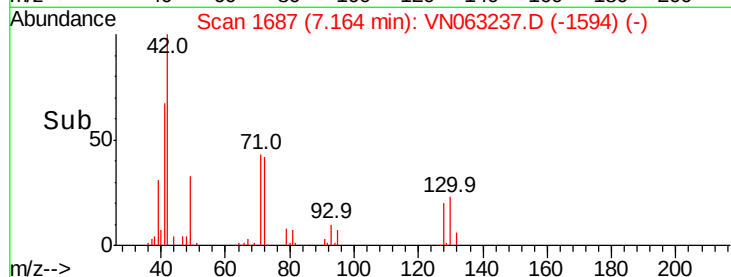
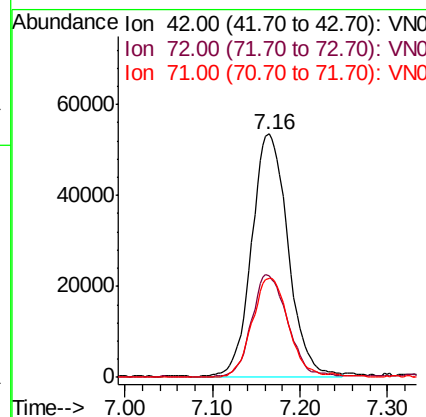
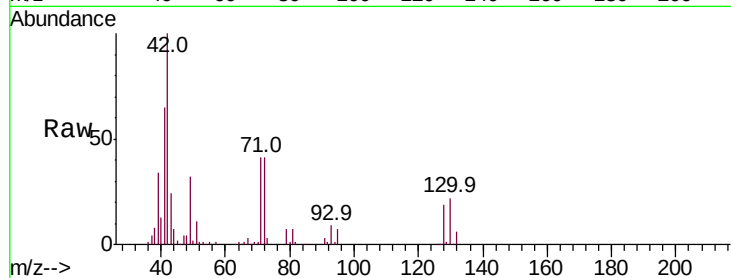
#29
Tetrahydrofuran
Concen: 94.154 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN063237.D
Acq: 4 Sep 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VN0904WBS01

Tot Ion	Ratio	Resp	Lower	Upper
42	100	154191		
72	42.2		33.9	50.9
71	40.7		31.9	47.9

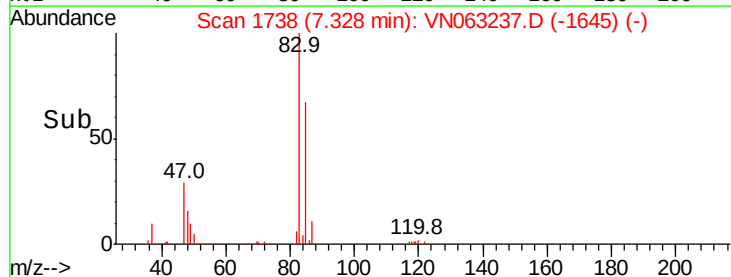
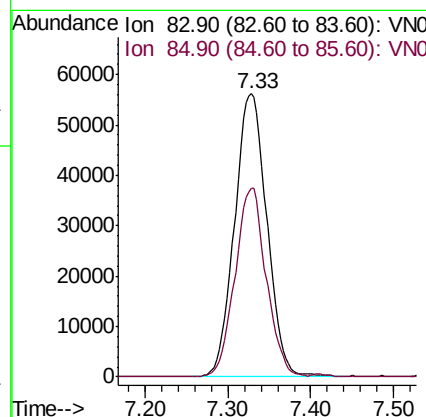
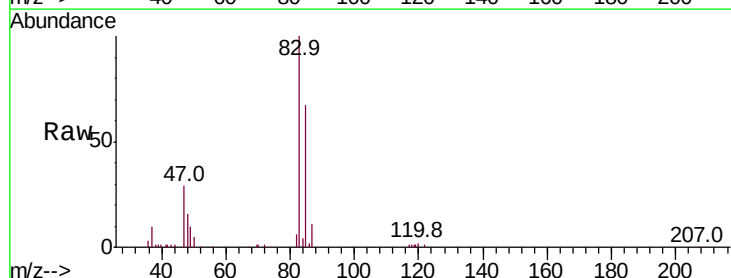
Manual Integrations
APPROVED

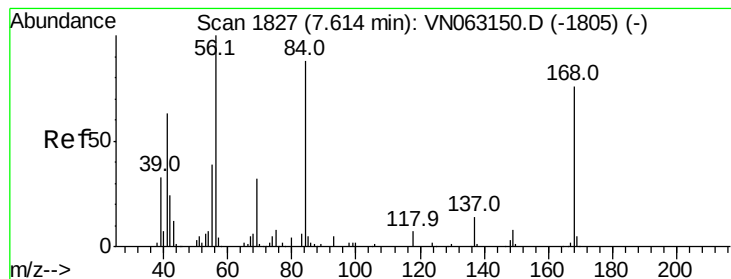
MMDadoda
9/8/2020 5:34:32 PM



#30
Chloroform
Concen: 18.443 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN063237.D
Acq: 4 Sep 2020 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	152890		
85	66.6		51.0	76.6





#31

Cyclohexane

Concen: 17.155 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBS01

Tot Ion: 56 Resp: 127822

Ion Ratio Lower Upper

56 100

69 38.3 25.4 38.0#

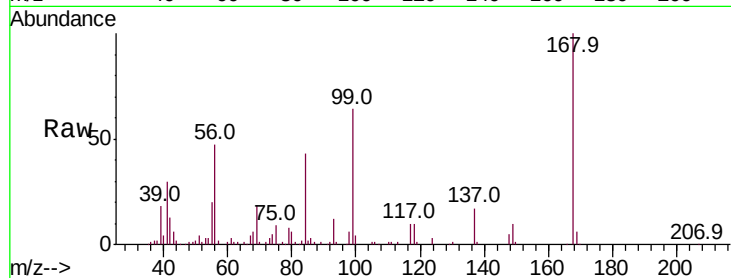
84 89.5 70.2 105.4

Manual Integrations

APPROVED

MMDadoda

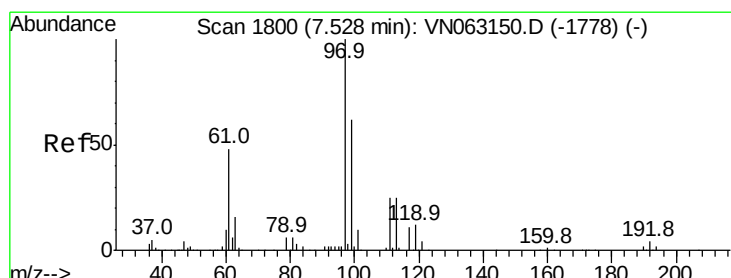
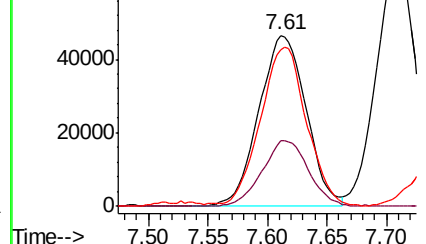
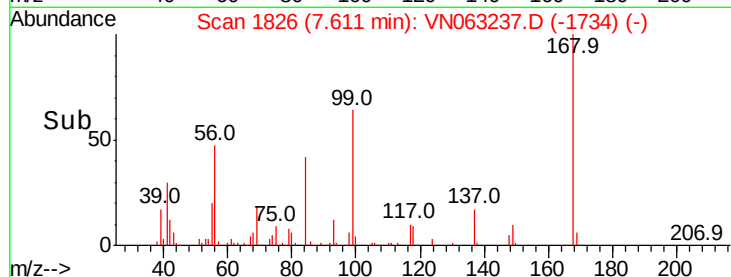
9/8/2020 5:34:32 PM



Abundance Ion 56.00 (55.70 to 56.70): VN063237.D (-1734) (-)

Ion 69.00 (68.70 to 69.70): VN063237.D (-1734) (-)

Ion 84.00 (83.70 to 84.70): VN063237.D (-1734) (-)



#32

1,1,1-Trichloroethane

Concen: 18.943 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

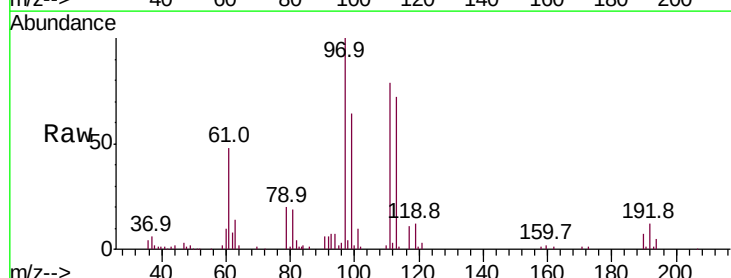
Tgt Ion: 97 Resp: 135318

Ion Ratio Lower Upper

97 100

99 62.7 50.8 76.2

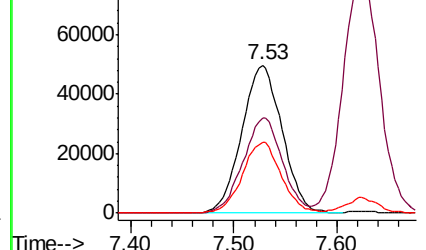
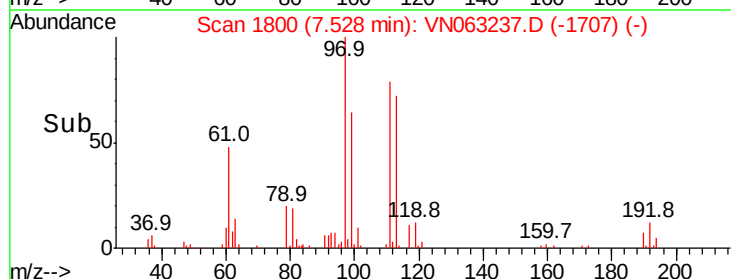
61 46.3 37.4 56.2

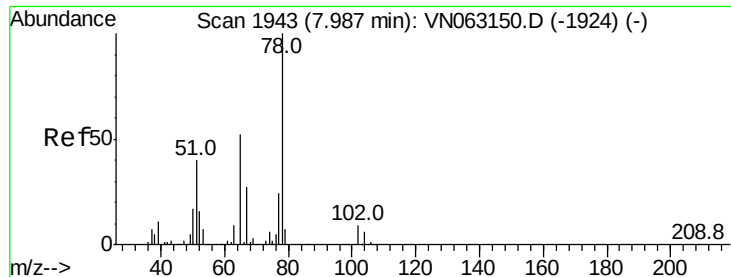


Abundance Ion 96.90 (96.60 to 97.60): VN063237.D (-1707) (-)

Ion 98.90 (98.60 to 99.60): VN063237.D (-1707) (-)

Ion 60.90 (60.60 to 61.60): VN063237.D (-1707) (-)





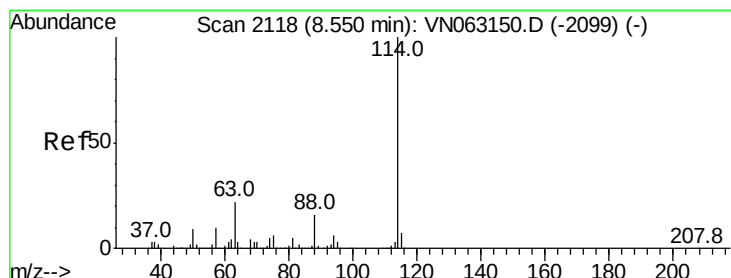
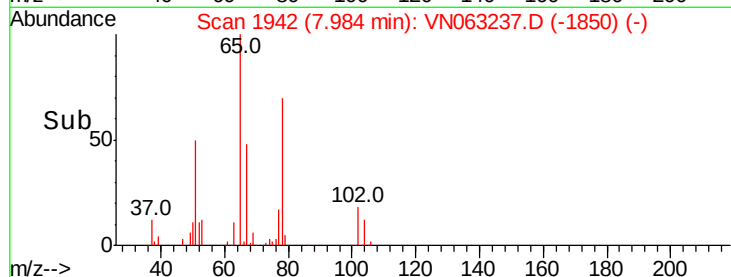
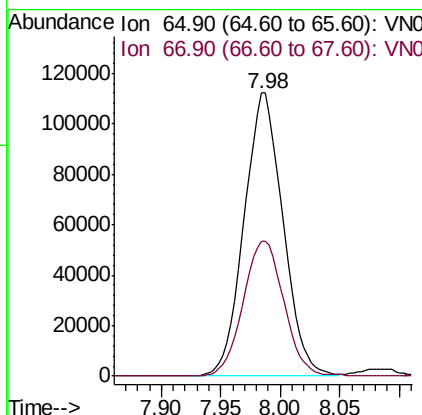
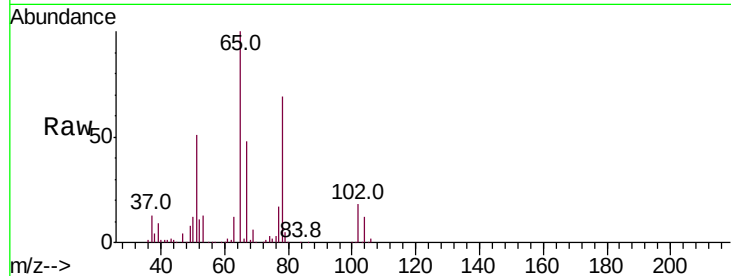
#33
 1,2-Dichloroethane-d4
 Concen: 47.287 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN063237.D
 Acq: 4 Sep 2020 10:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	49.9	0.0	104.4	

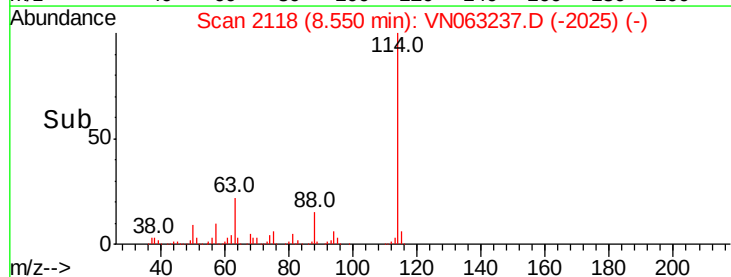
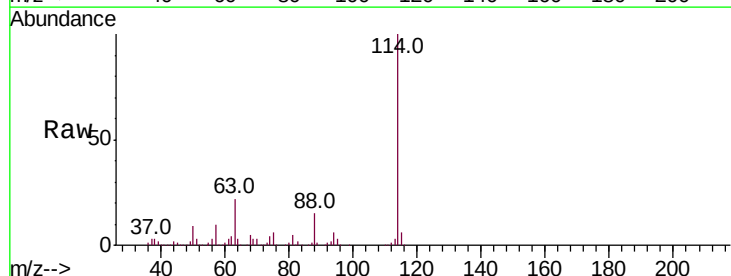
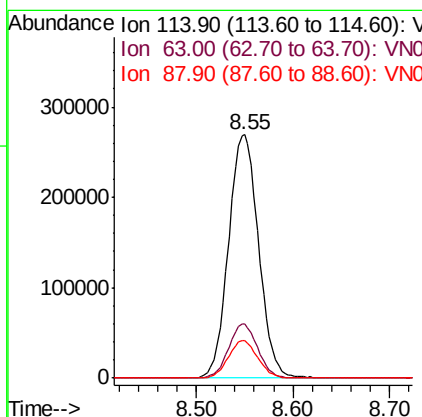
Manual Integrations
 APPROVED

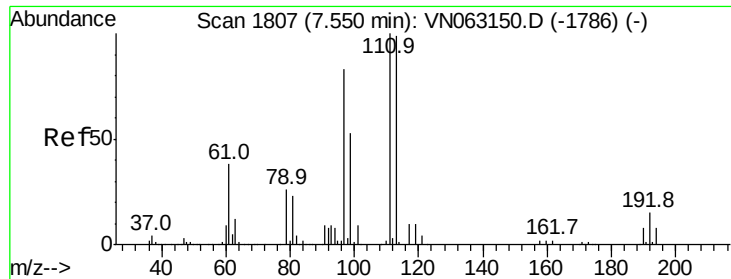
MMDadoda
 9/8/2020 5:34:32 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063237.D
 Acq: 4 Sep 2020 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	22.0	0.0	43.0	
88	15.4	0.0	31.6	





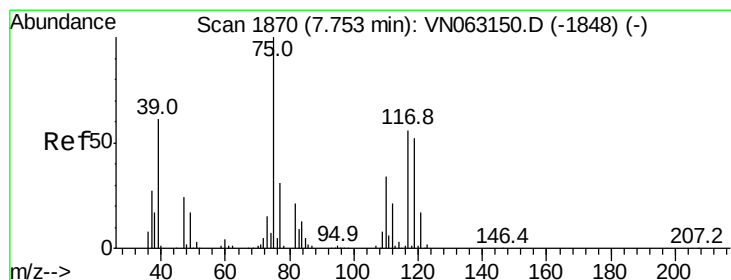
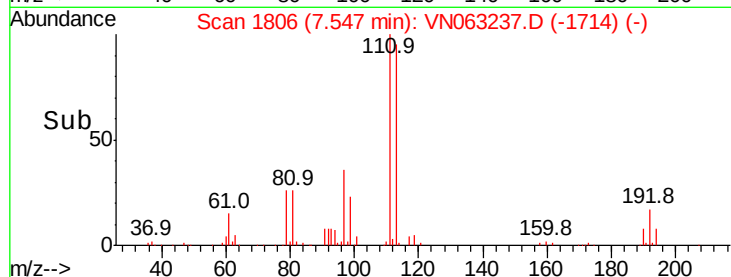
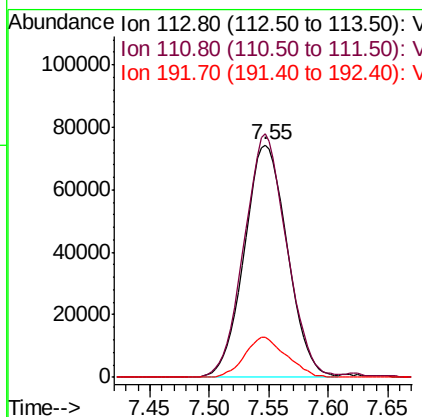
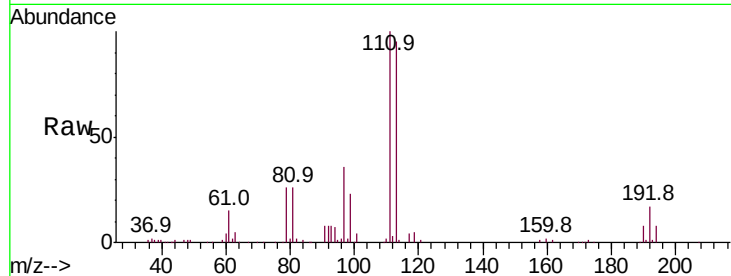
#35
Dibromofluoromethane
Concen: 50.023 ug/l
RT: 7.55 min Scan# 1806
Delta R.T. -0.00 min
Lab File: VN063237.D
Acq: 4 Sep 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VN0904WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	186256		
111	103.5	80.7	121.1	
192	16.7	12.6	19.0	

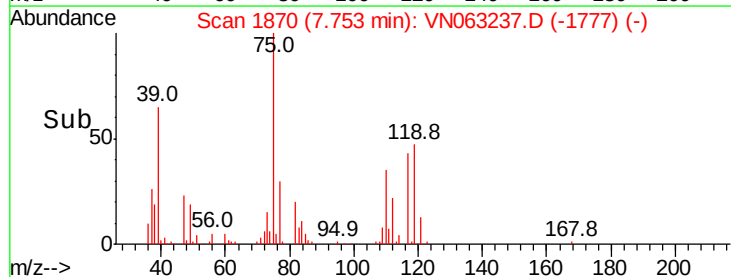
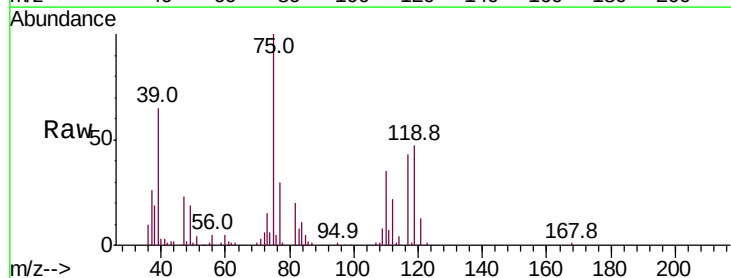
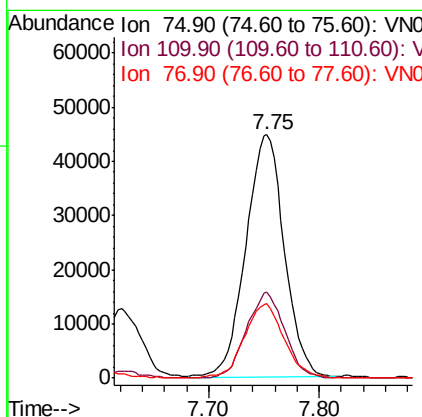
Manual Integrations
APPROVED

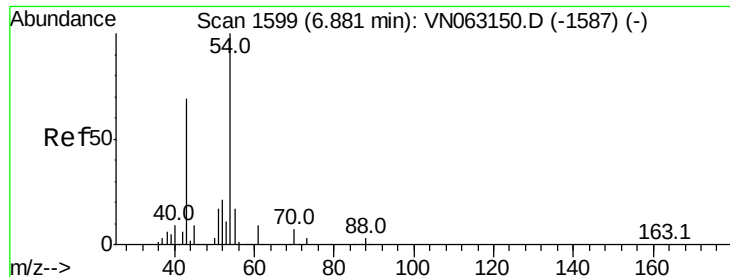
MMDadoda
9/8/2020 5:34:32 PM



#36
1,1-Dichloropropene
Concen: 19.356 ug/l
RT: 7.75 min Scan# 1870
Delta R.T. 0.00 min
Lab File: VN063237.D
Acq: 4 Sep 2020 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	107993		
110	35.1	16.6	49.8	
77	31.8	25.4	38.2	





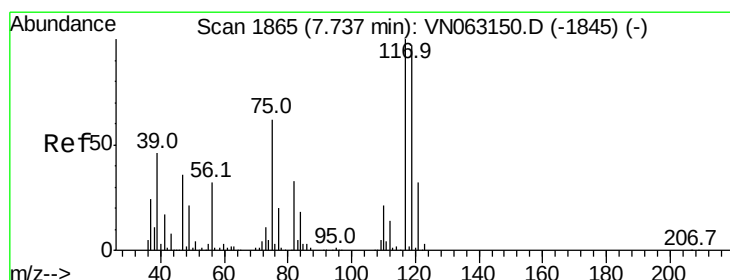
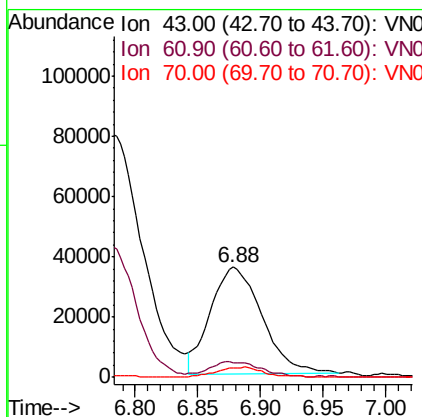
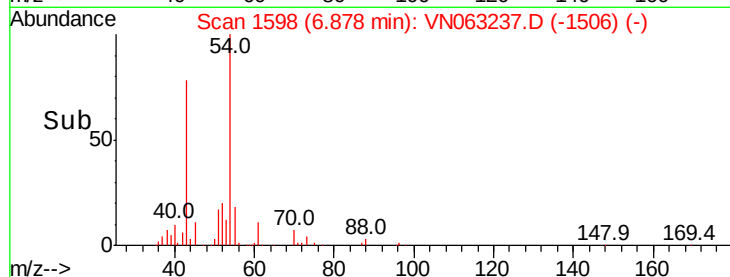
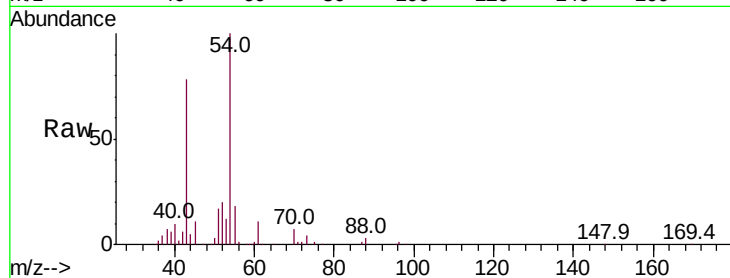
#37
Ethyl Acetate
Concen: 19.514 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN063237.D
Acq: 4 Sep 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VN0904WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.2	15.4
70	9.0	3.0	4.6#

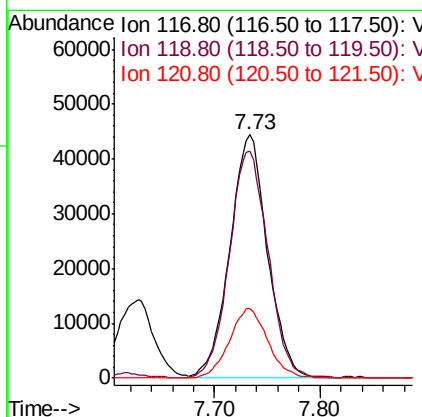
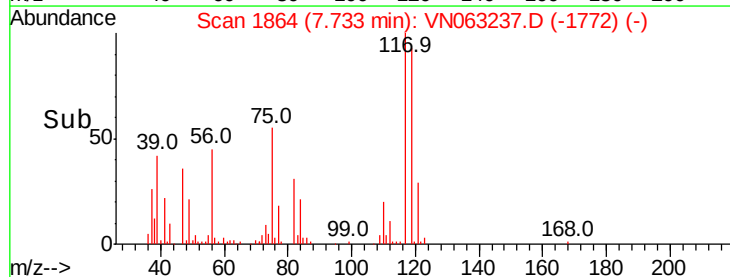
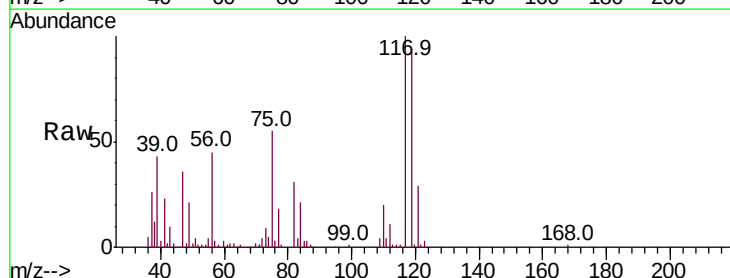
Manual Integrations
APPROVED

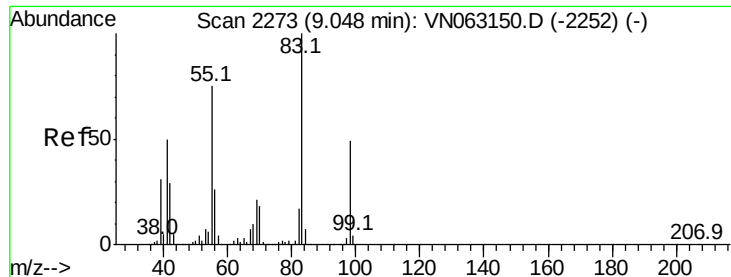
MMDadoda
9/8/2020 5:34:32 PM



#38
Carbon Tetrachloride
Concen: 19.461 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063237.D
Acq: 4 Sep 2020 10:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.2	77.2	115.8
121	28.7	25.6	38.4





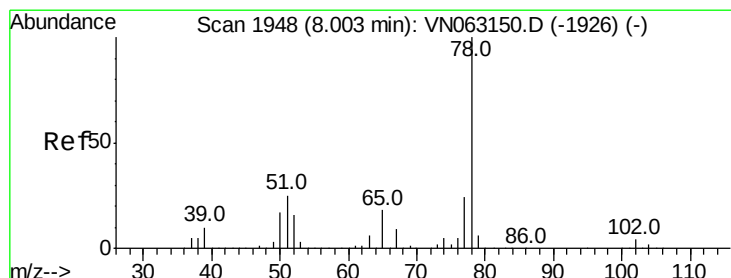
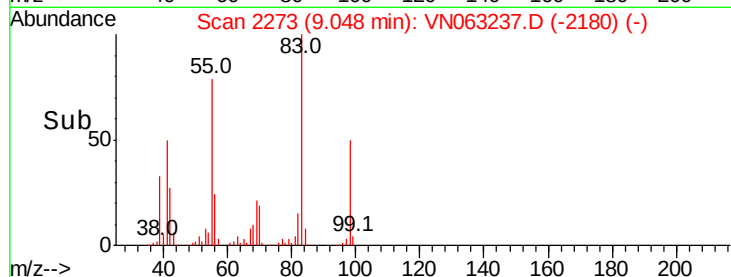
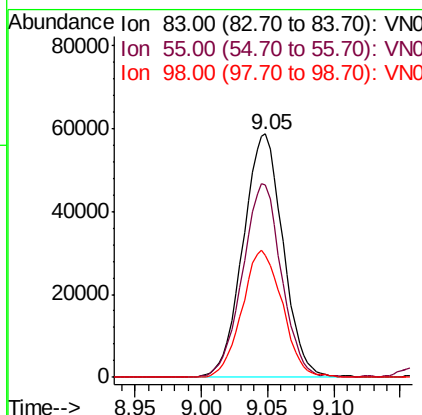
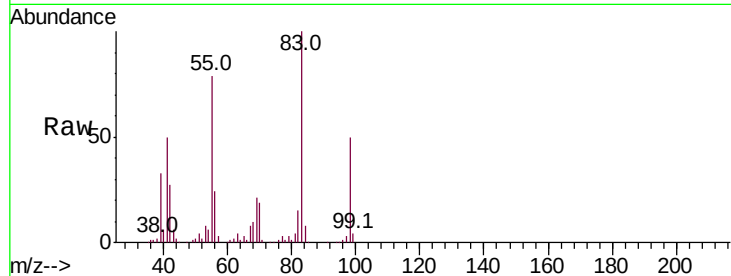
#39
Methylvlcyclohexane
Concen: 19.579 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063237.D
Acq: 4 Sep 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VN0904WBS01

Tot Ion	83	Resp	122723
Ion	Ratio	Lower	Upper
83	100		
55	79.2	60.3	90.5
98	50.2	38.9	58.3

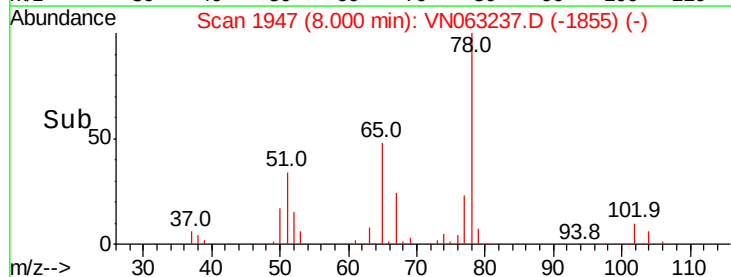
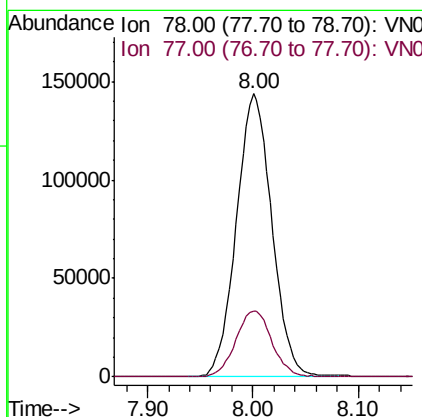
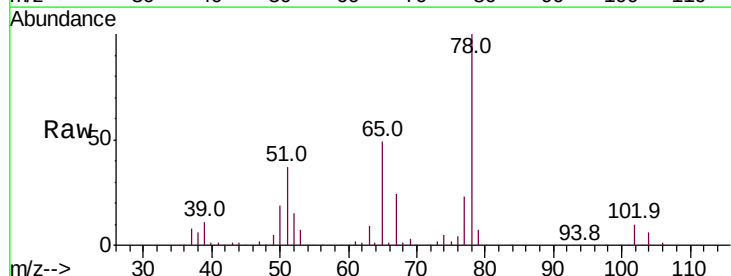
Manual Integrations
APPROVED

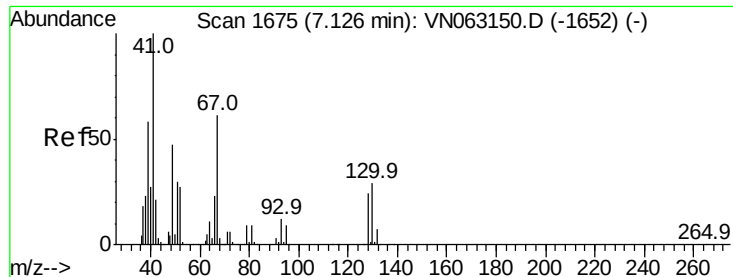
MMDadoda
9/8/2020 5:34:32 PM



#40
Benzene
Concen: 20.484 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN063237.D
Acq: 4 Sep 2020 10:55

Tgt Ion	78	Resp	335845
Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.3	28.9





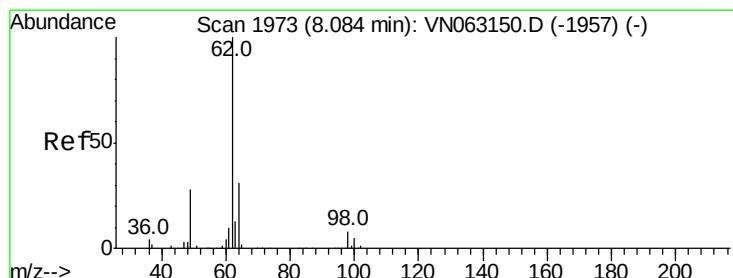
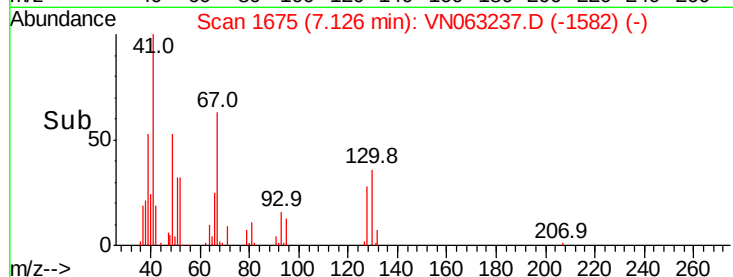
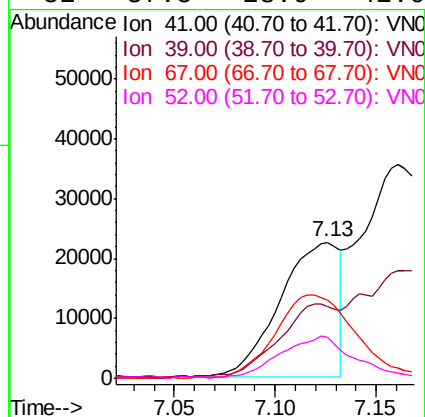
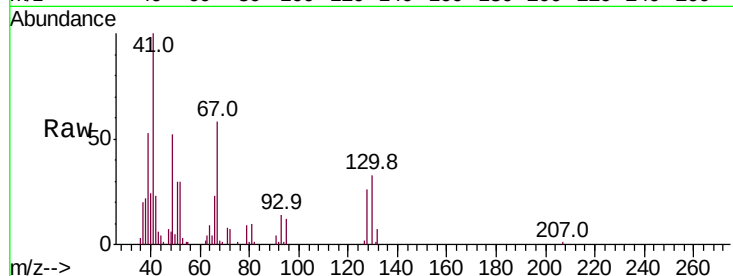
#41
Methacrylonitrile
Concen: 19.691 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. 0.00 min
Lab File: VN063237.D
Acq: 4 Sep 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VN0904WBS01

Tot Ion	41	Resp	46282
Ion	Ratio	Lower	Upper
41	100		
39	52.3	46.6	70.0
67	83.1	62.6	94.0
52	37.5	28.0	42.0

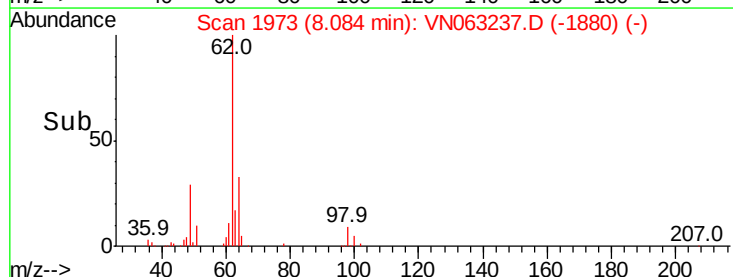
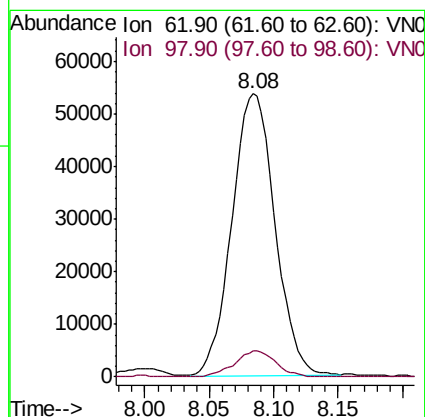
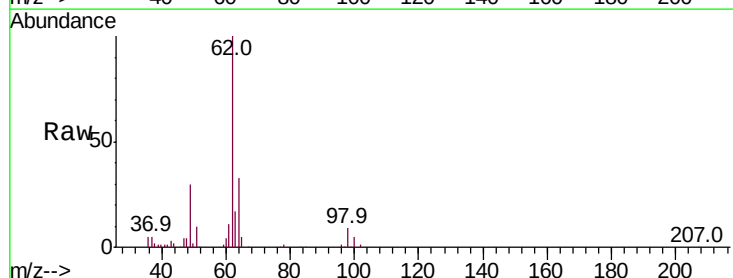
Manual Integrations
APPROVED

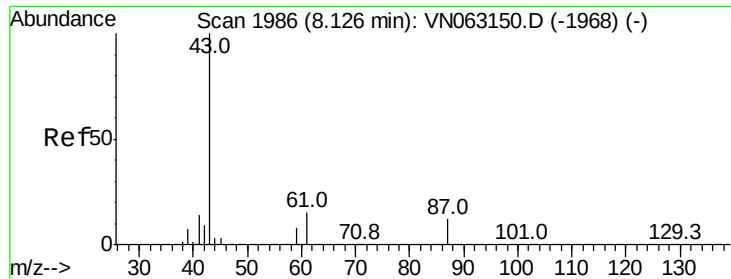
MMDadoda
9/8/2020 5:34:32 PM



#42
1,2-Dichloroethane
Concen: 20.284 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN063237.D
Acq: 4 Sep 2020 10:55

Tgt Ion	62	Resp	124228
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.2





#43

Isopropyl Acetate

Concen: 20.196 ug/l

RT: 8.12 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

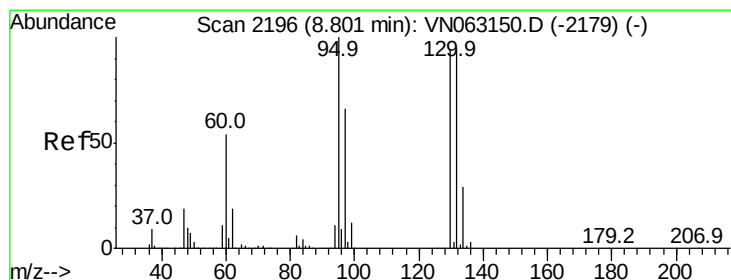
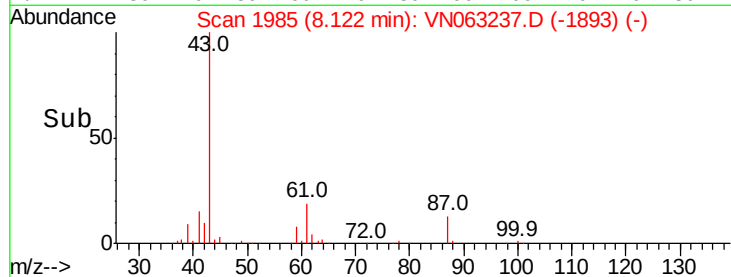
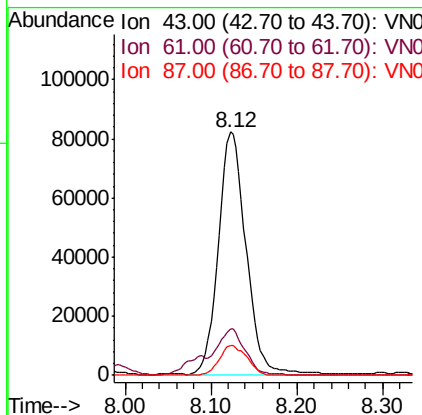
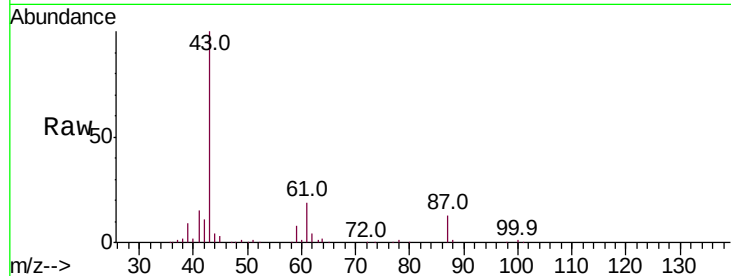
VN0904WBS01

Tot Ion: 43 Resp: 183766

Ion	Ratio	Lower	Upper
43	100		
61	18.5	20.2	30.4#
87	12.2	9.8	14.6

Manual Integrations
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#44

Trichloroethene

Concen: 21.606 ug/l

RT: 8.80 min Scan# 2196

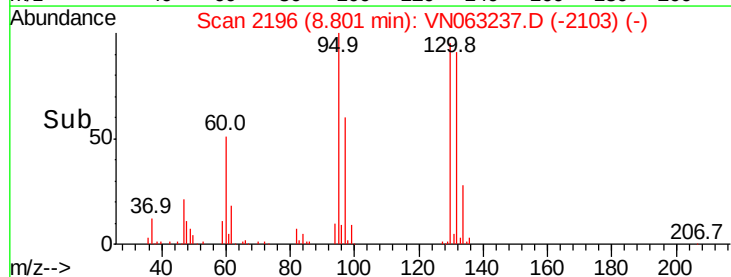
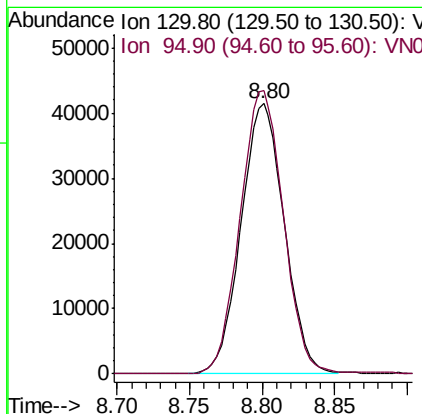
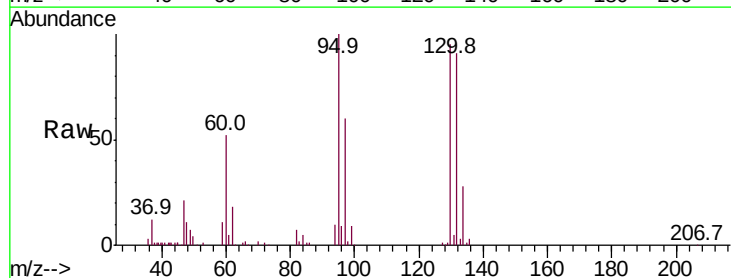
Delta R.T. 0.00 min

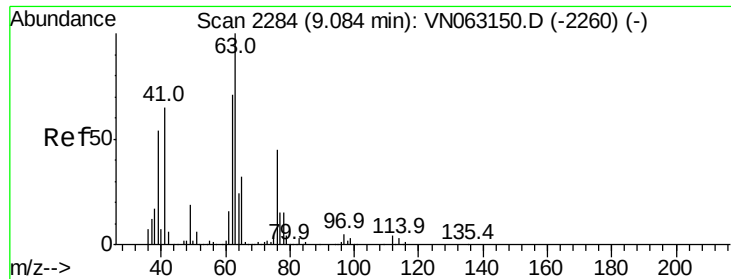
Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

Tgt Ion:130 Resp: 85925

Ion	Ratio	Lower	Upper
130	100		
95	104.8	0.0	212.0





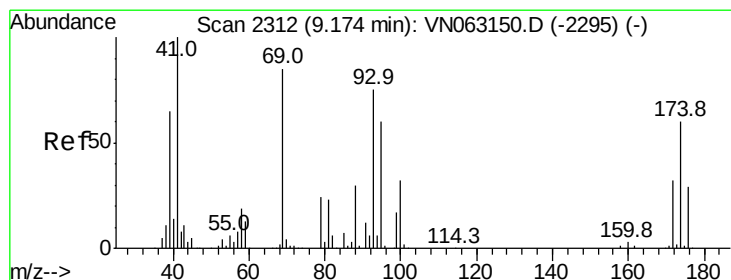
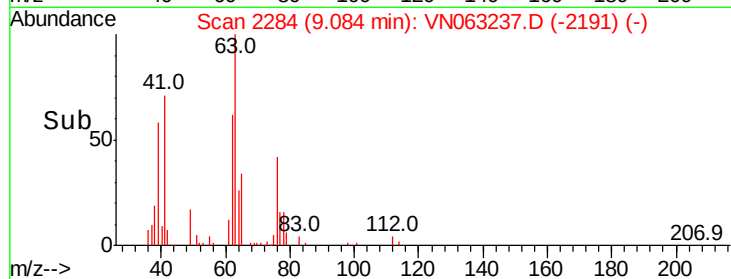
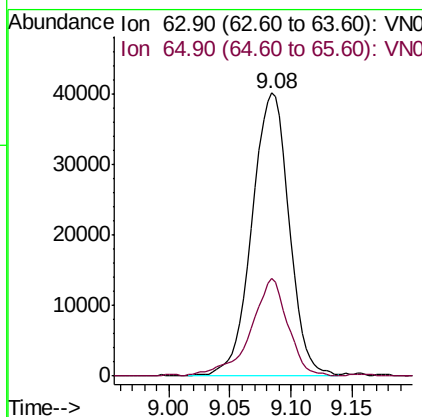
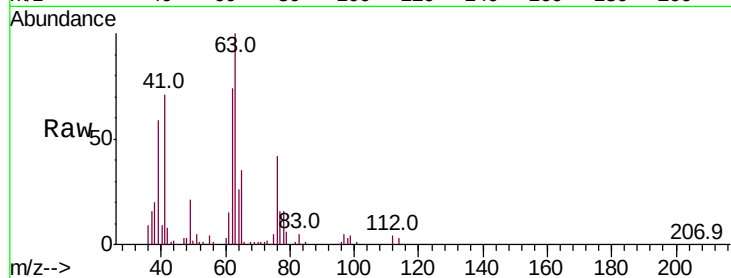
#45
 1,2-Dichloropropane
 Concen: 19.554 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN063237.D
 Acq: 4 Sep 2020 10:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	34.7	25.4	38.0

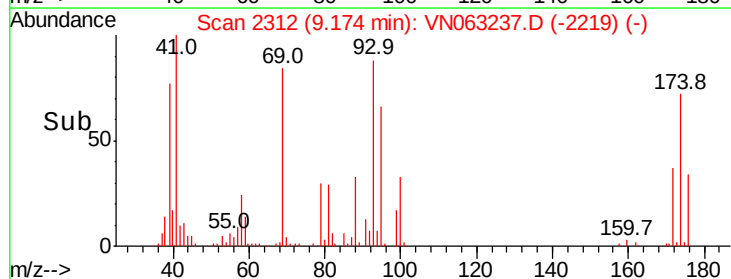
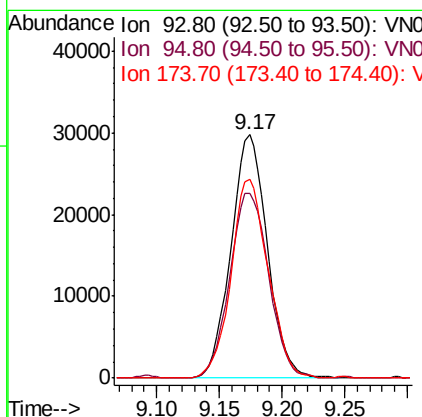
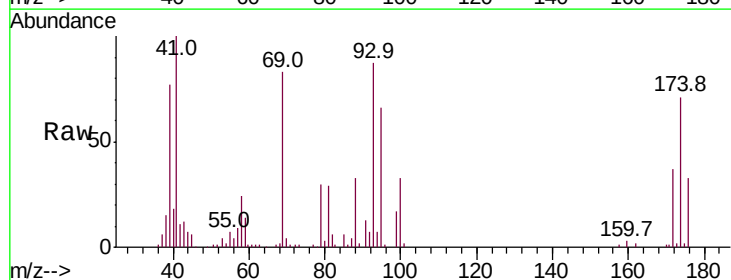
Manual Integrations
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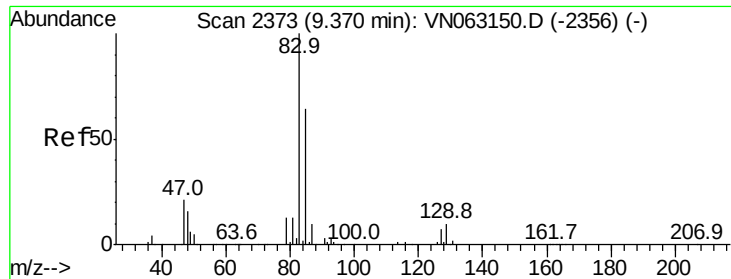
MMDadoda
 9/8/2020 5:34:32 PM



#46
 Dibromomethane
 Concen: 20.850 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN063237.D
 Acq: 4 Sep 2020 10:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.4	65.2	97.8
174	83.2	64.6	97.0





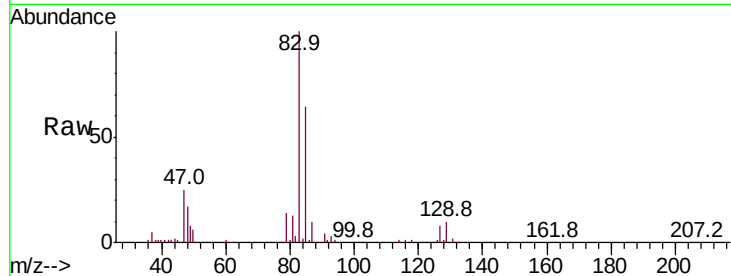
#47
Bromodichloromethane
Concen: 19.625 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN063237.D
Acq: 4 Sep 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VN0904WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	121012		
85	63.9	51.0	76.6	
127	7.7	5.7	8.5	

Manual Integrations
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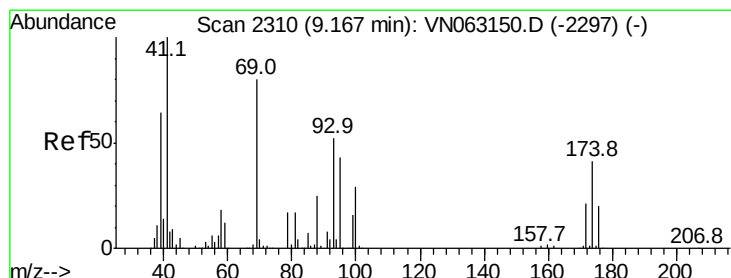
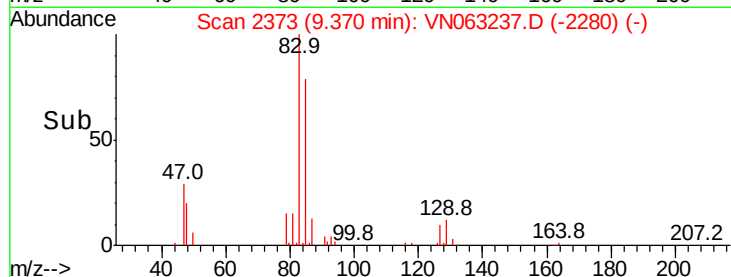
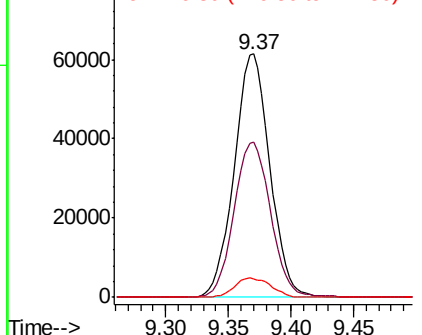


Abundance

Ion 82.90 (82.60 to 83.60): VN0

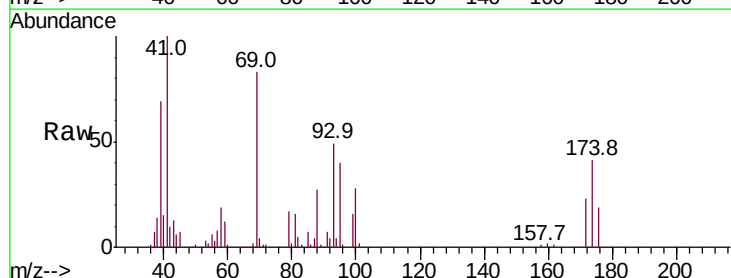
Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V



#48
Methyl methacrylate
Concen: 20.259 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN063237.D
Acq: 4 Sep 2020 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	83102		
69	83.2	65.9	98.9	
39	75.2	52.0	78.0	

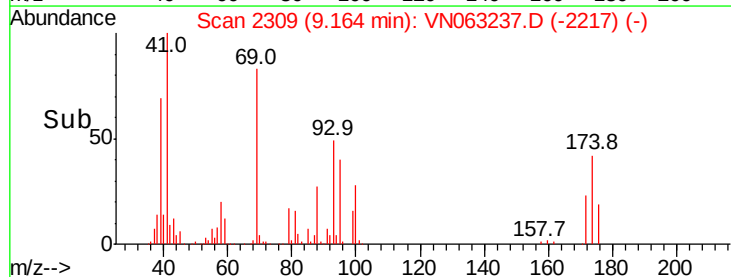
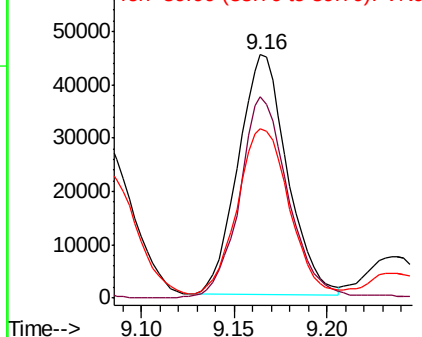


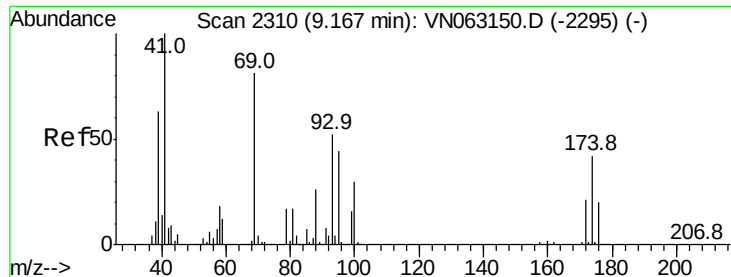
Abundance

Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





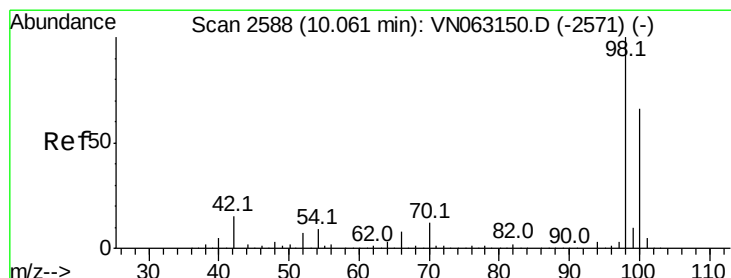
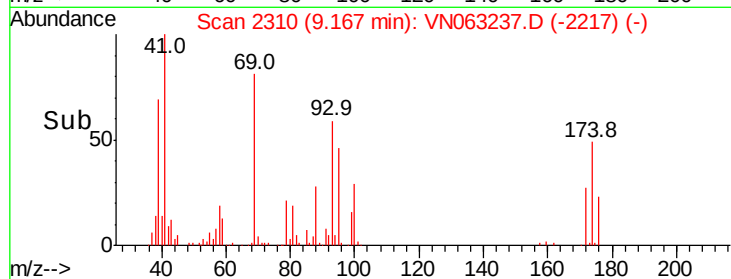
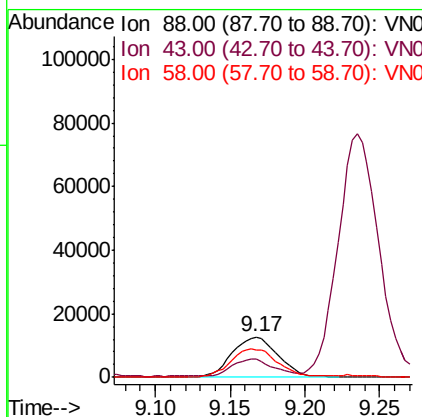
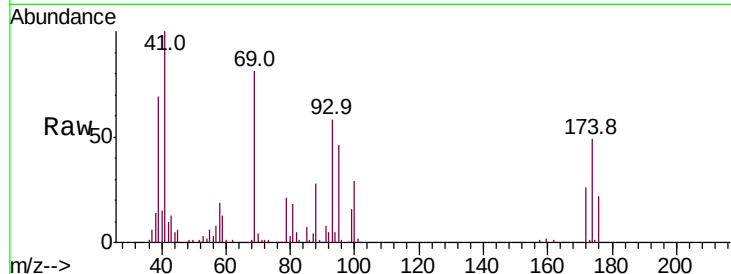
#49
1,4-Dioxane
Concen: 432.439 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN063237.D
Acq: 4 Sep 2020 10:55

Instrument :
MSVOA_N
ClientSampled :
VN0904WBS01

Tot Ion	88	Resp	27436
Ion	Ratio	Lower	Upper
88	100		
43	38.3	28.6	42.8
58	71.7	53.2	79.8

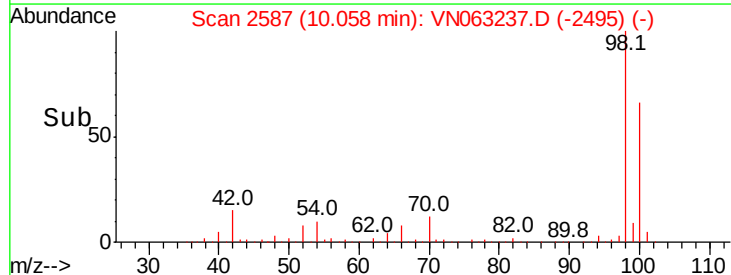
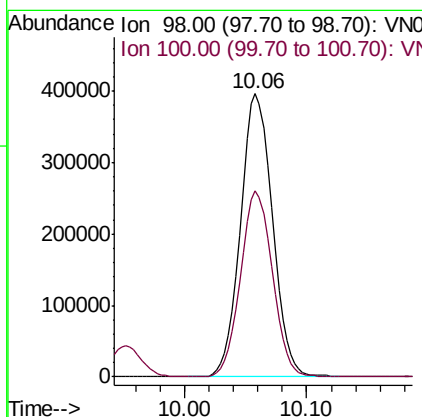
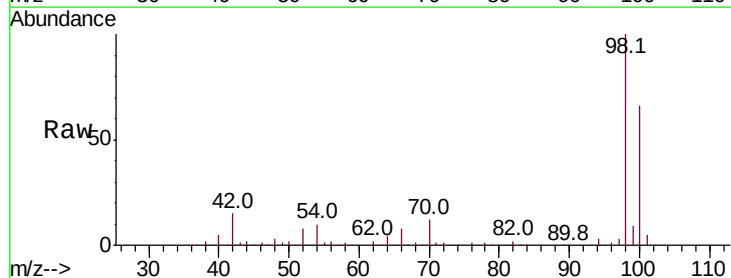
Manual Integrations
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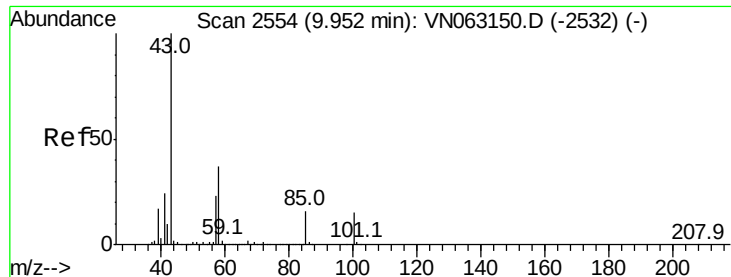
MMDadoda
9/8/2020 5:34:32 PM



#50
Toluene-d8
Concen: 49.970 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN063237.D
Acq: 4 Sep 2020 10:55

Tgt Ion	98	Resp	716131
Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 109.415 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBS01

Tot Ion: 43 Resp: 541009

Ion Ratio Lower Upper

43 100

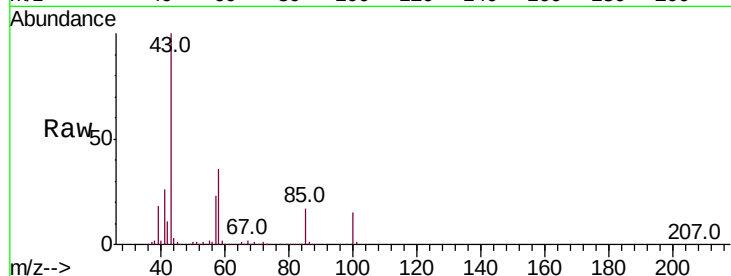
58 36.6 29.2 43.8

Manual Integrations

APPROVED

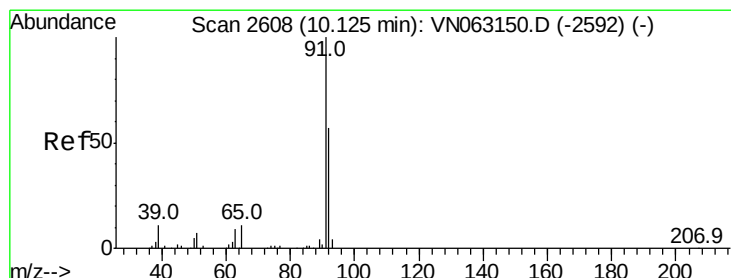
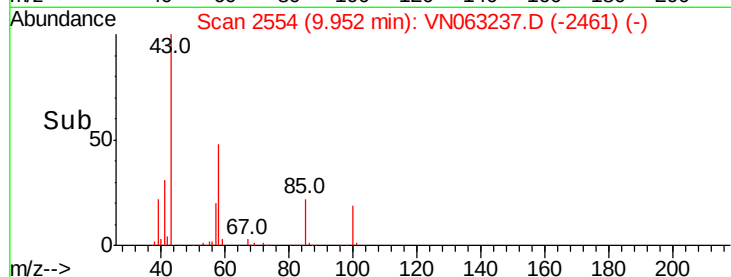
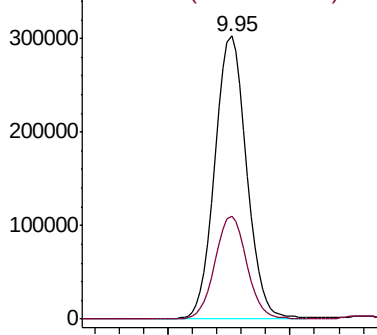
MMDadoda

9/8/2020 5:34:32 PM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 21.004 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN063237.D

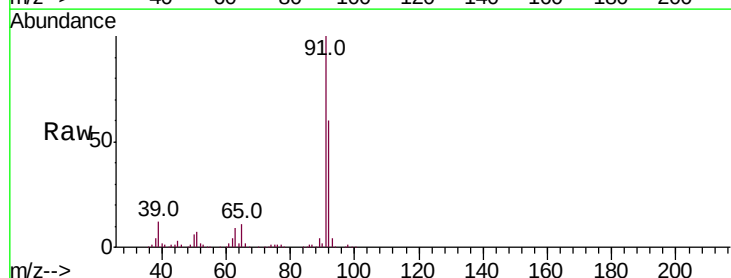
Acq: 4 Sep 2020 10:55

Tgt Ion: 92 Resp: 214522

Ion Ratio Lower Upper

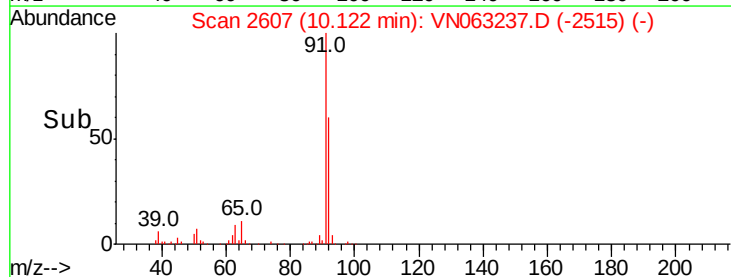
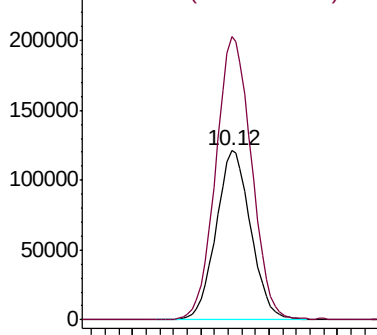
92 100

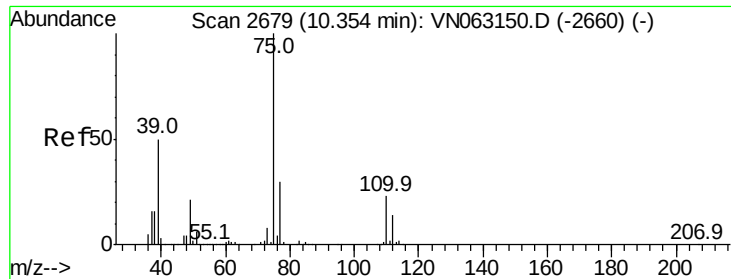
91 171.6 141.2 211.8



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





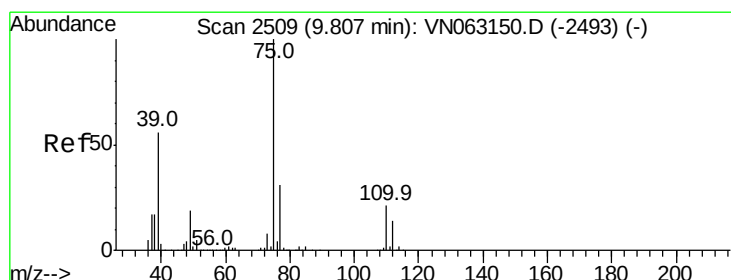
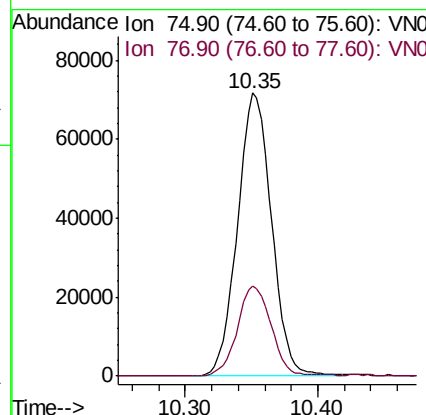
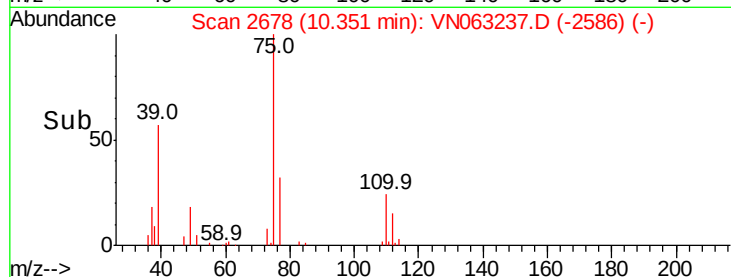
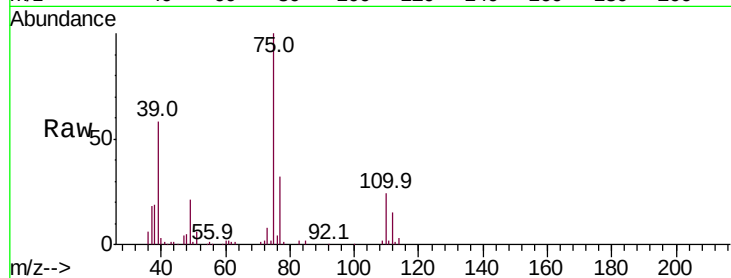
#53
 t-1,3-Dichloropropene
 Concen: 18.927 ug/l
 RT: 10.35 min Scan# 2678
 Delta R.T. -0.00 min
 Lab File: VN063237.D
 Acq: 4 Sep 2020 10:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBS01

Tot Ion: 75 Resp: 127662
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.2 36.2

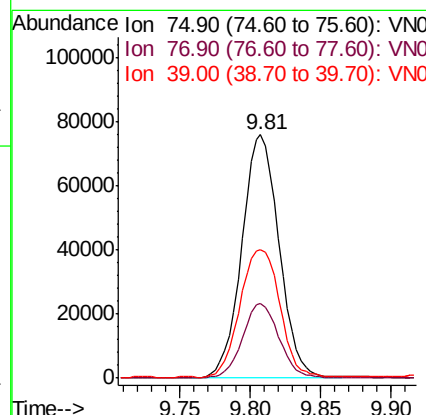
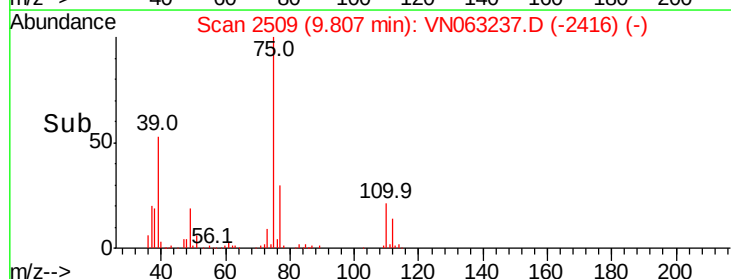
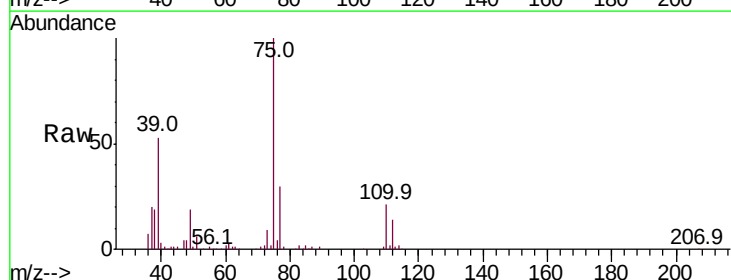
Manual Integrations
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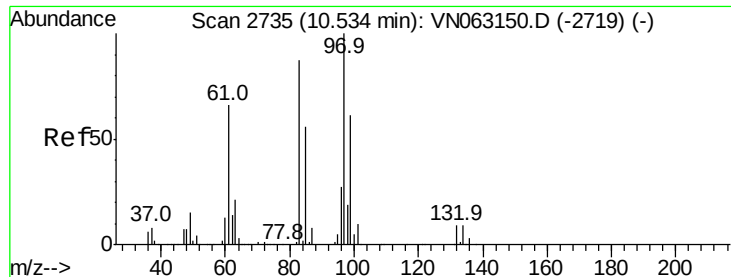
MMDadoda
 9/8/2020 5:34:32 PM



#54
 cis-1,3-Dichloropropene
 Concen: 19.915 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN063237.D
 Acq: 4 Sep 2020 10:55

Tgt Ion: 75 Resp: 141003
 Ion Ratio Lower Upper
 75 100
 77 30.4 24.8 37.2
 39 52.5 45.0 67.6





#55

1,1,2-Trichloroethane

Concen: 20.616 ug/l

RT: 10.53 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

Instrument :

MSVOA_N

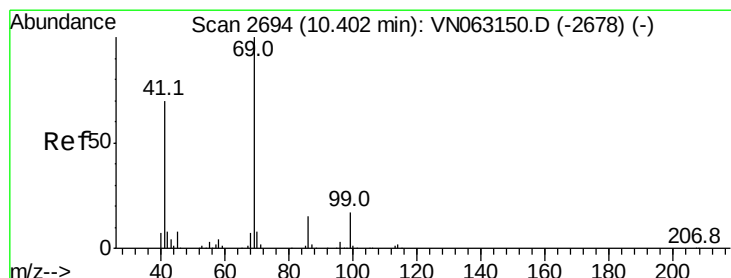
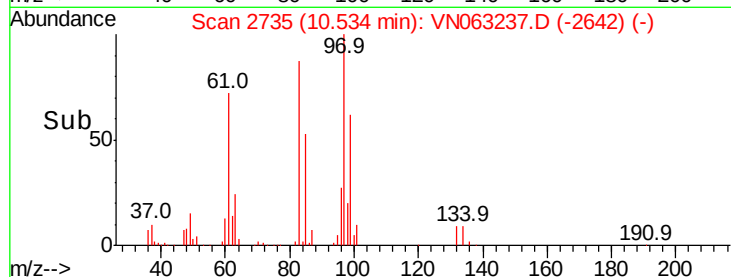
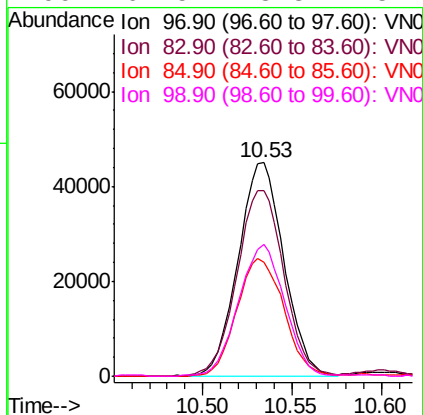
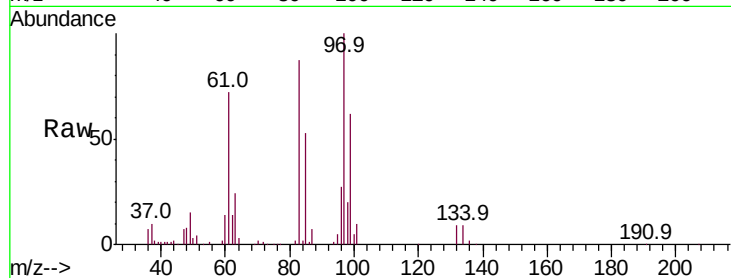
ClientSampleId :

VN0904WBS01

Tot Ion:	97	Resp:	80641
Ion	Ratio	Lower	Upper
97	100		
83	86.6	69.8	104.8
85	53.2	44.9	67.3
99	61.5	48.8	73.2

Manual Integrations
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9/8/2020 5:34:32 PM



#56

Ethyl methacrylate

Concen: 19.074 ug/l

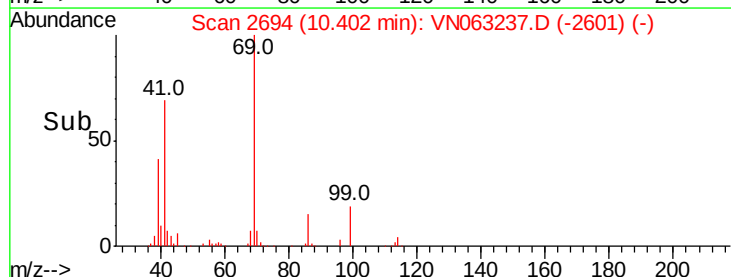
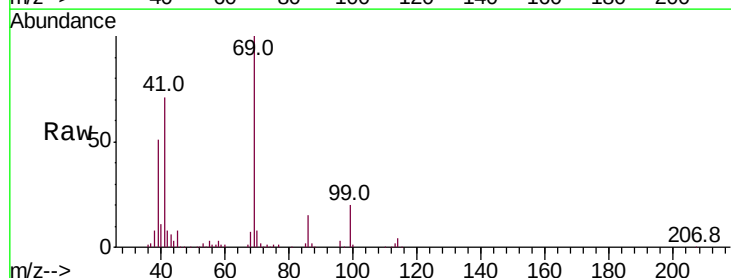
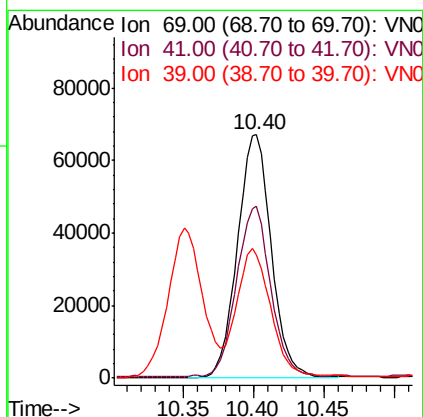
RT: 10.40 min Scan# 2694

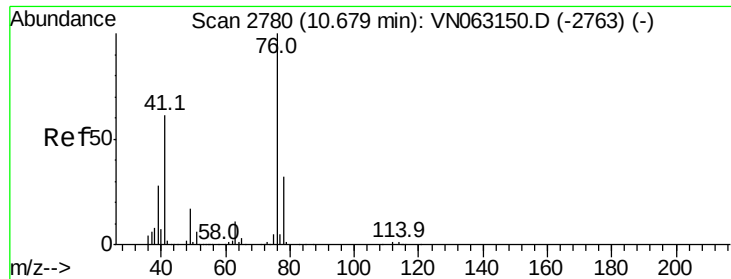
Delta R.T. 0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

Tgt Ion:	69	Resp:	113540
Ion	Ratio	Lower	Upper
69	100		
41	69.8	55.5	83.3
39	51.6	38.2	57.2





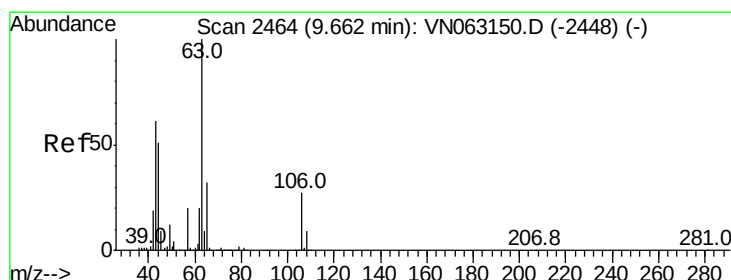
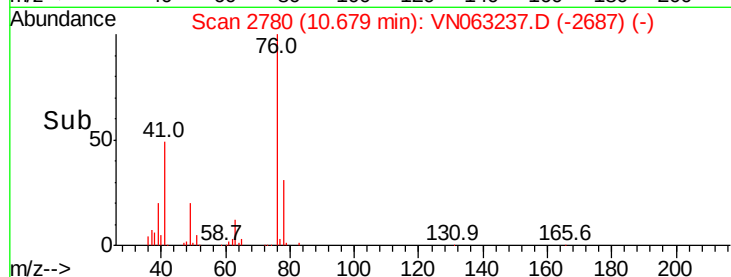
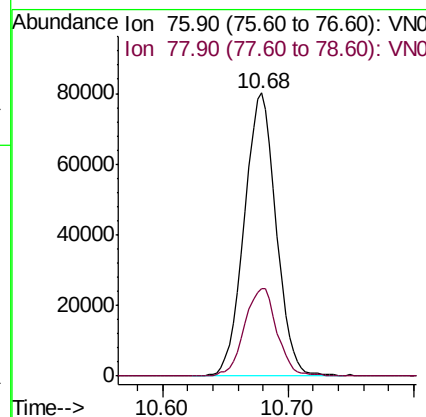
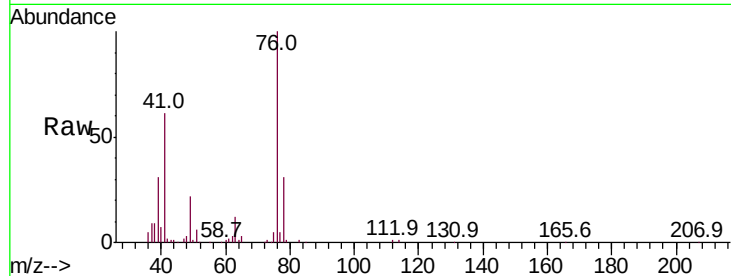
#57
 1,3-Dichloropropane
 Concen: 20.335 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN063237.D
 Acq: 4 Sep 2020 10:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.6	25.5	38.3

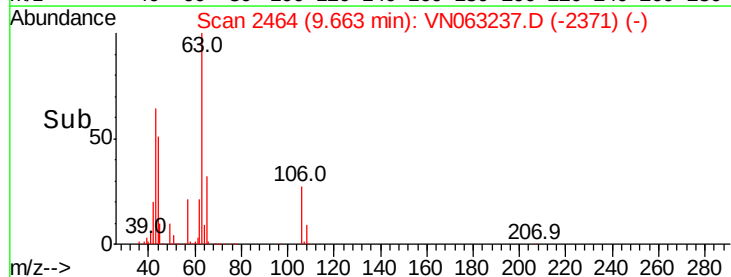
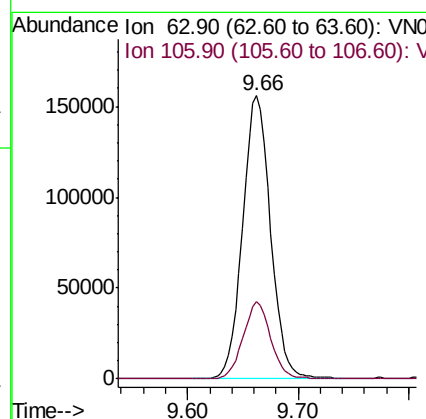
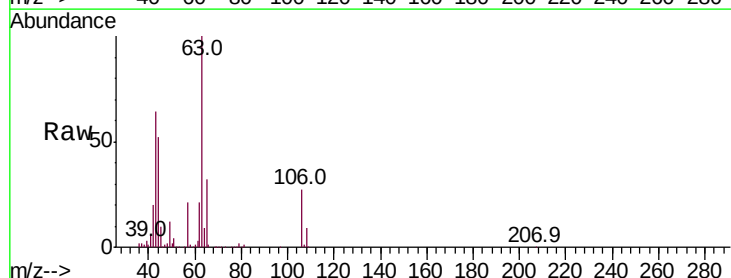
Manual Integrations
 APPROVED

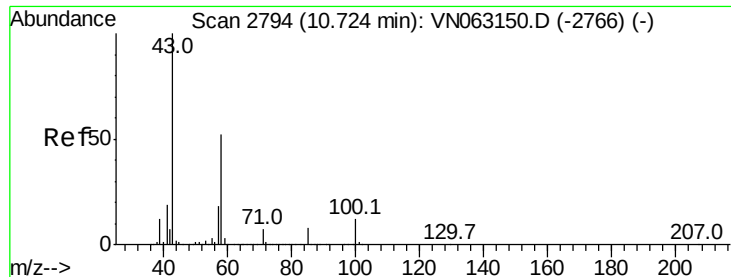
MMDadoda
 9/8/2020 5:34:32 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 88.540 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN063237.D
 Acq: 4 Sep 2020 10:55

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.1	21.8	32.6





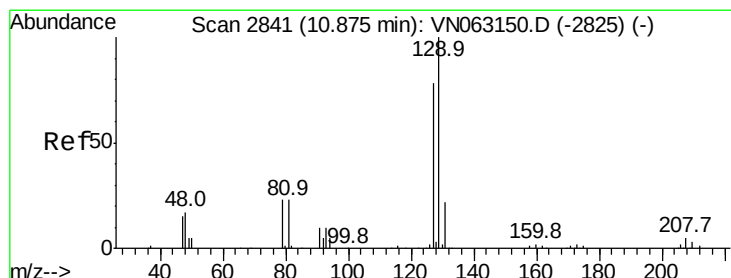
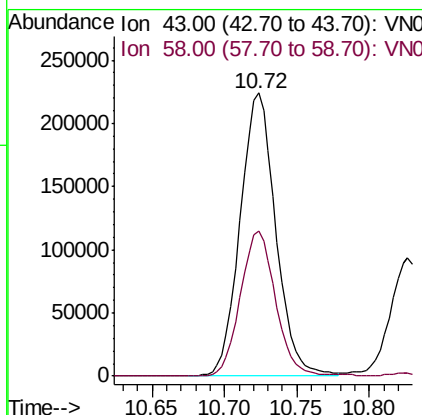
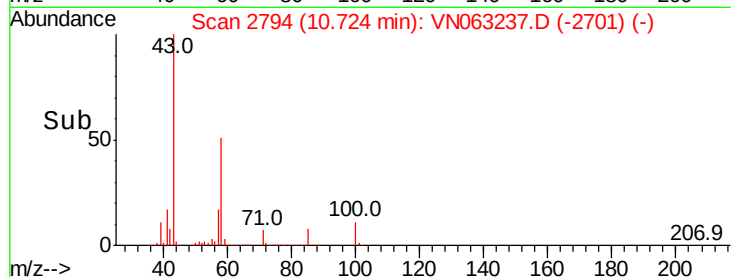
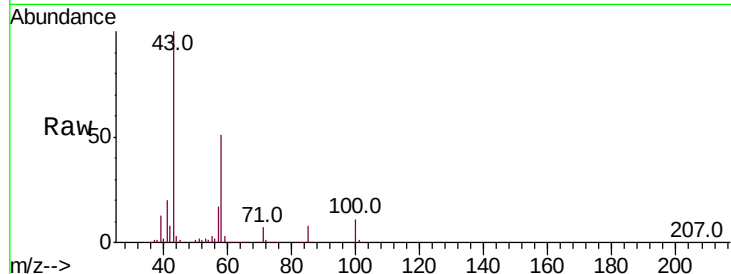
#59
2-Hexanone
Concen: 109.581 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063237.D
Acq: 4 Sep 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VN0904WBS01

Tot Ion: 43 Resp: 380789
Ion Ratio Lower Upper
43 100
58 50.8 25.9 77.8

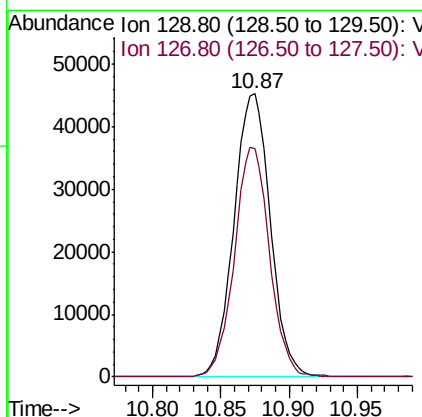
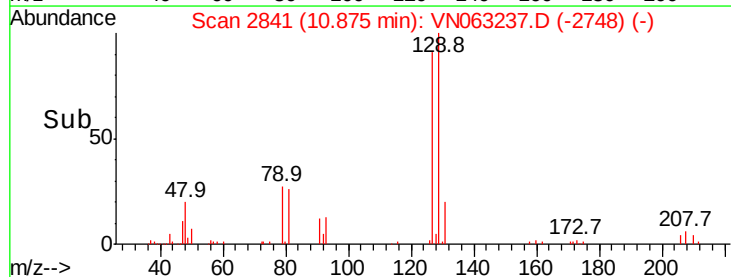
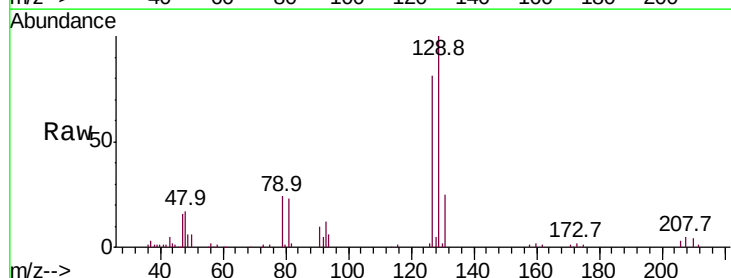
Manual Integrations
APPROVED

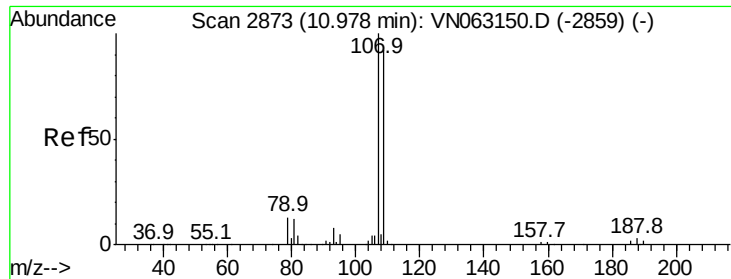
MMDadoda
9/8/2020 5:34:32 PM



#60
Dibromochloromethane
Concen: 19.389 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063237.D
Acq: 4 Sep 2020 10:55

Tgt Ion: 129 Resp: 83846
Ion Ratio Lower Upper
129 100
127 78.1 39.0 117.0





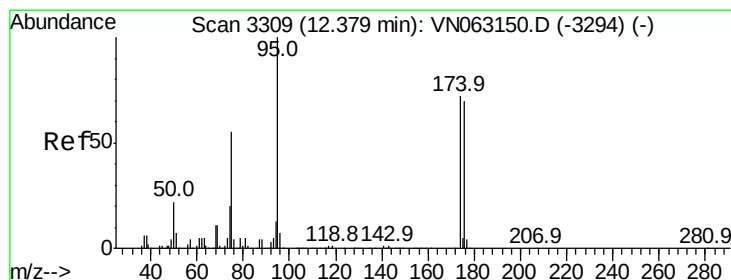
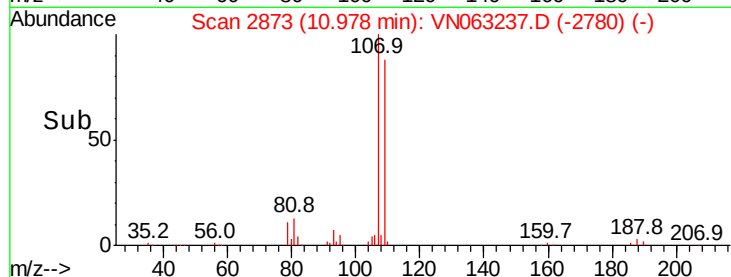
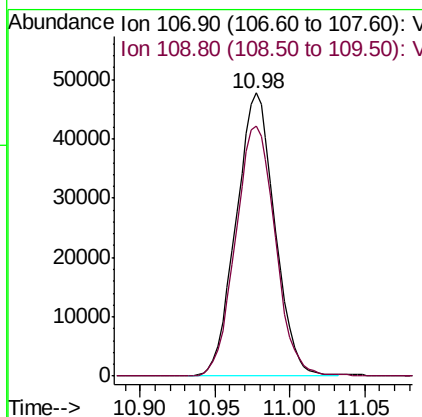
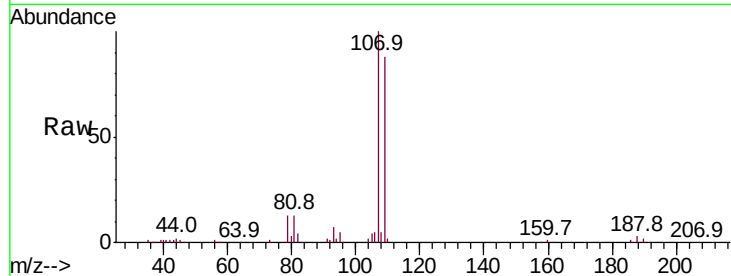
#61
 1,2-Dibromoethane
 Concen: 21.129 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN063237.D
 Acq: 4 Sep 2020 10:55

Instrument :
 MSVOA_N
 ClientSampled :
 VN0904WBS01

Tot Ion: 107 Resp: 85914
 Ion Ratio Lower Upper
 107 100
 109 90.5 73.4 110.0

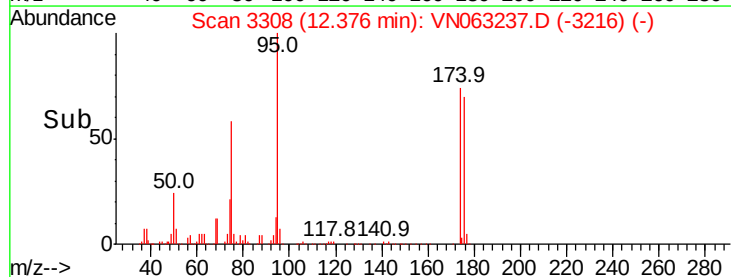
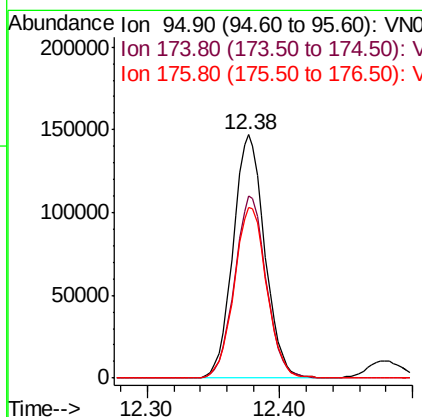
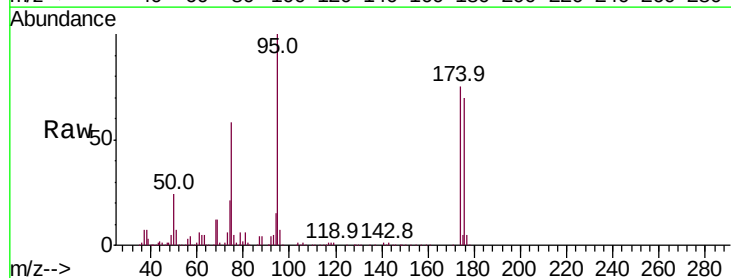
Manual Integrations
 APPROVED

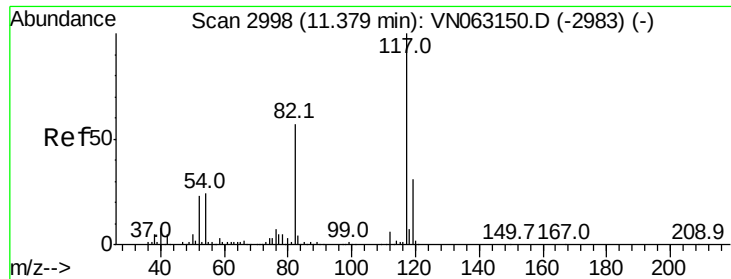
MMDadoda
 9/8/2020 5:34:32 PM



#62
 4-Bromofluorobenzene
 Concen: 48.557 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063237.D
 Acq: 4 Sep 2020 10:55

Tgt Ion: 95 Resp: 243426
 Ion Ratio Lower Upper
 95 100
 174 74.8 0.0 143.8
 176 72.1 0.0 138.4





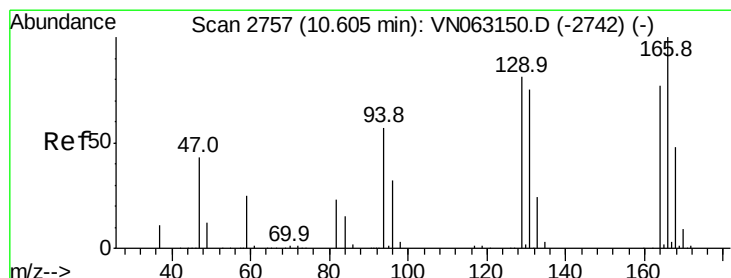
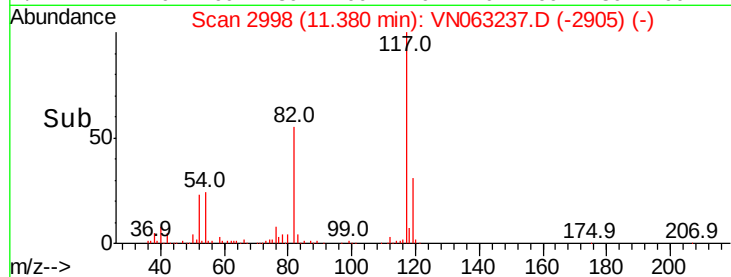
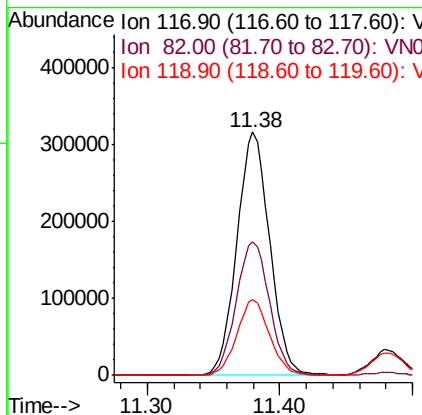
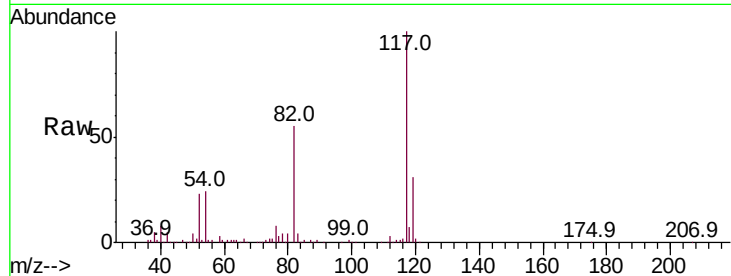
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063237.D
Acq: 4 Sep 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VN0904WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	45.4	68.0
119	31.2	24.6	37.0

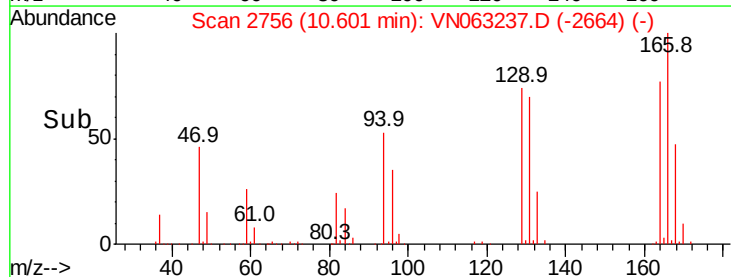
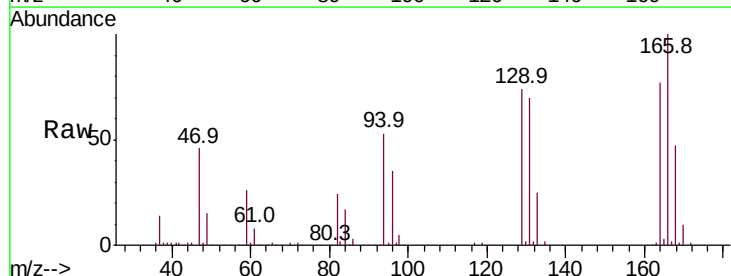
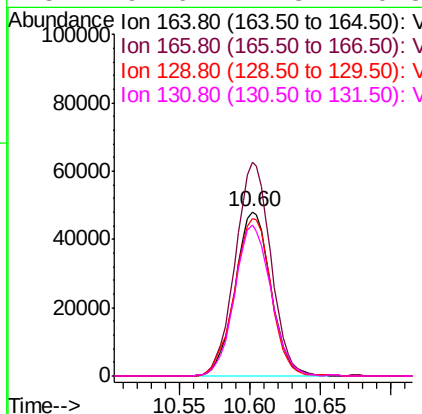
Manual Integrations
APPROVED

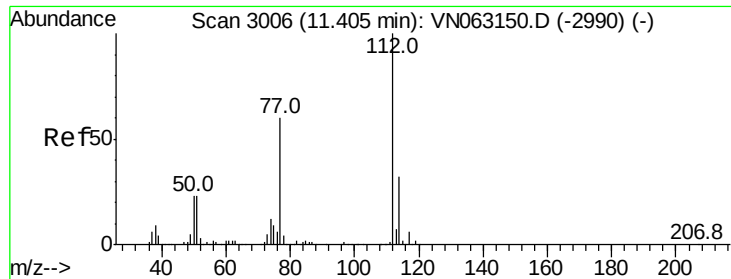
MMDadoda
9/8/2020 5:34:32 PM



#64
Tetrachloroethene
Concen: 21.887 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063237.D
Acq: 4 Sep 2020 10:55

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.9	103.4	155.2
129	95.5	83.4	125.0
131	91.6	77.8	116.8





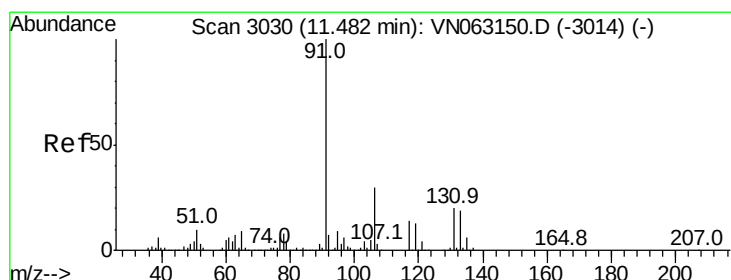
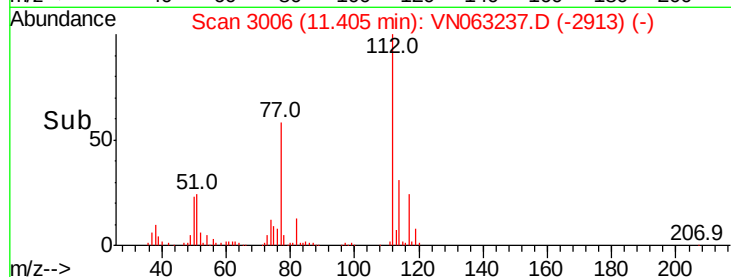
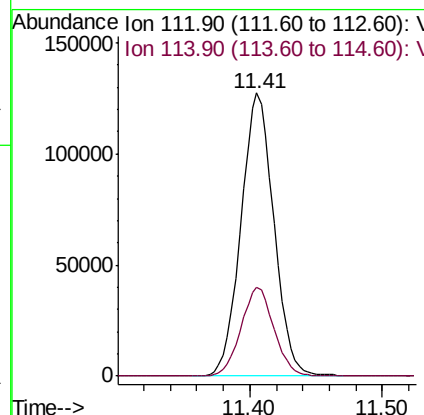
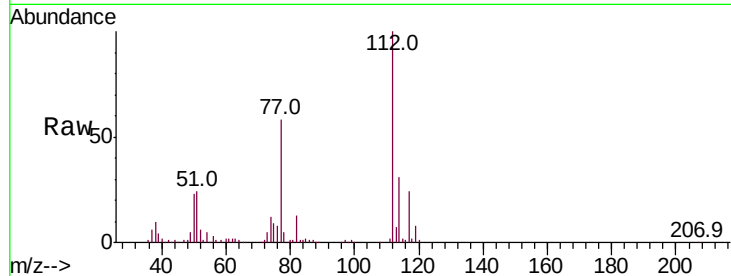
#65
Chlorobenzene
Concen: 19.997 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063237.D
Acq: 4 Sep 2020 10:55

Instrument :
MSVOA_N
ClientSampled :
VN0904WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.3	25.2	37.8

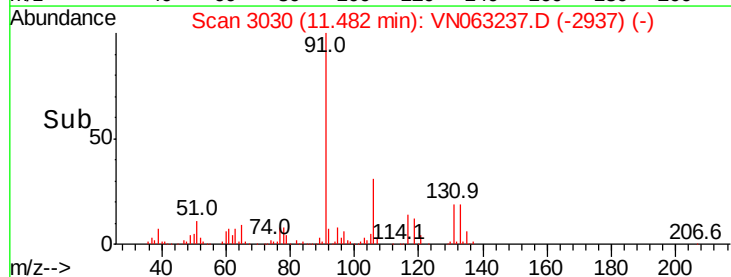
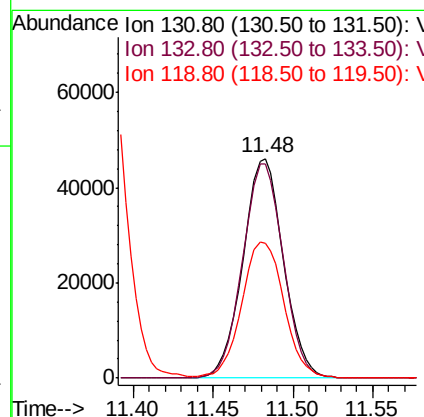
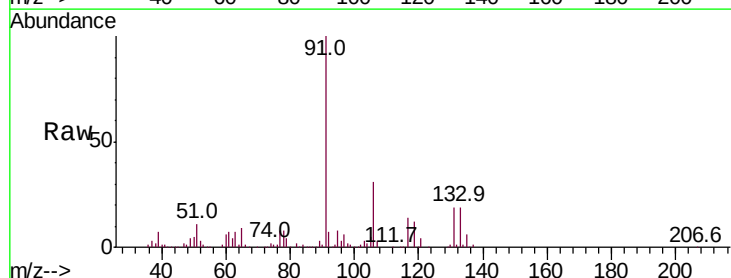
Manual Integrations
APPROVED

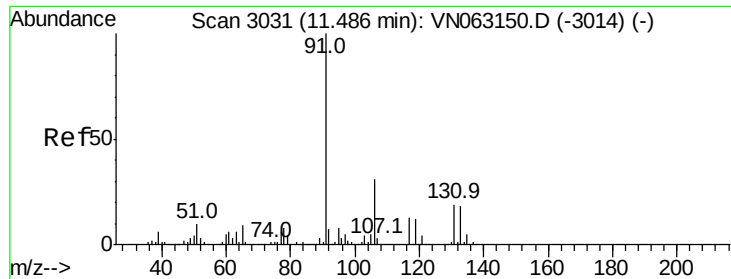
MMDadoda
9/8/2020 5:34:32 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.561 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063237.D
Acq: 4 Sep 2020 10:55

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.9	47.3	142.0
119	64.9	32.4	97.0





#67

Ethyl Benzene

Concen: 20.273 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. -0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBS01

Tot Ion: 91 Resp: 405174

Ion Ratio Lower Upper

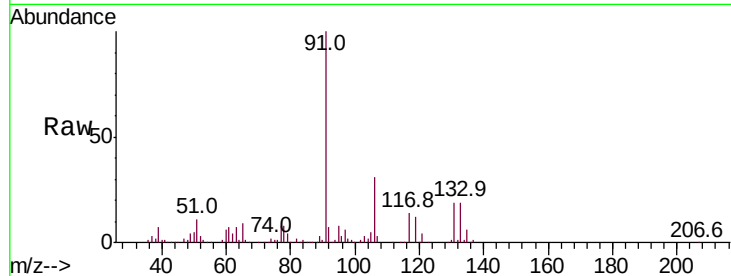
91 100

106 31.0 24.4 36.6

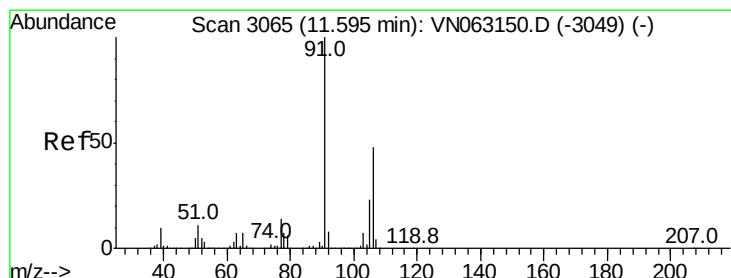
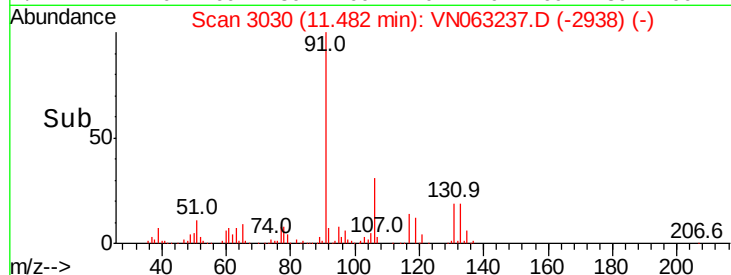
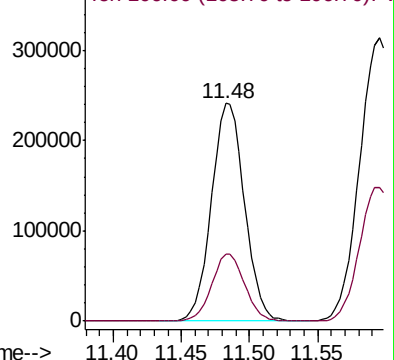
Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VN063237.D (-2938) (-)



#68

m/p-Xylenes

Concen: 39.331 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. 0.00 min

Lab File: VN063237.D

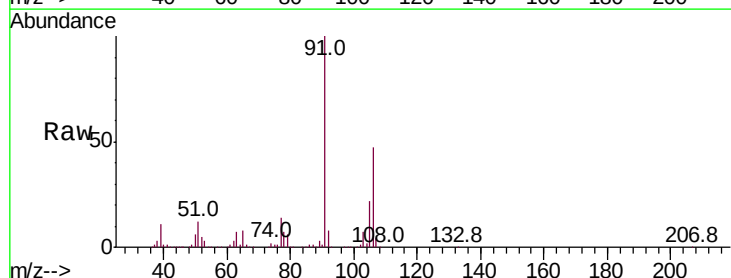
Acq: 4 Sep 2020 10:55

Tgt Ion: 106 Resp: 291141

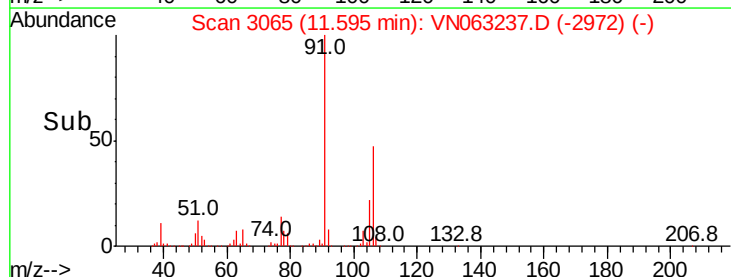
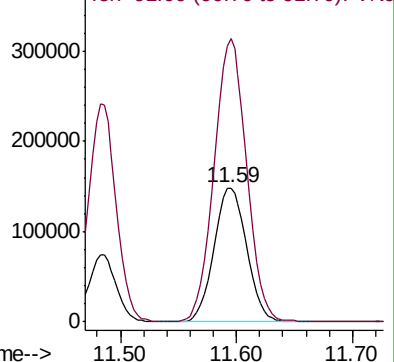
Ion Ratio Lower Upper

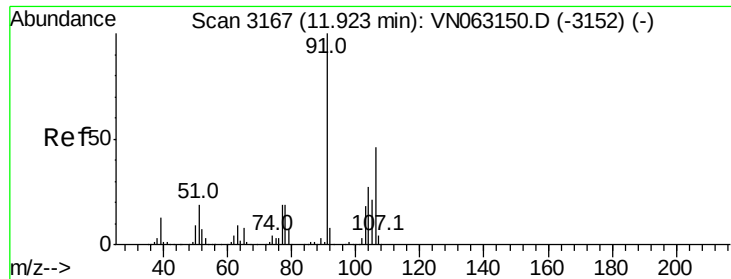
106 100

91 209.6 166.7 250.1



Abundance Ion 106.00 (105.70 to 106.70): VN063237.D (-2972) (-)





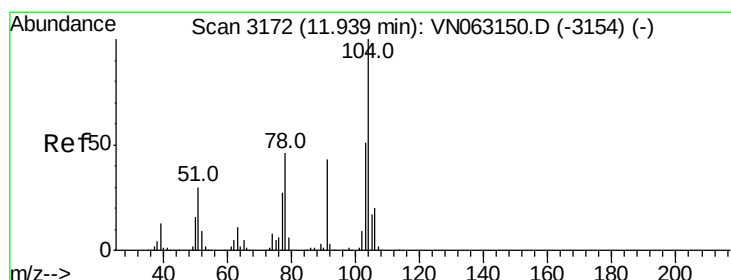
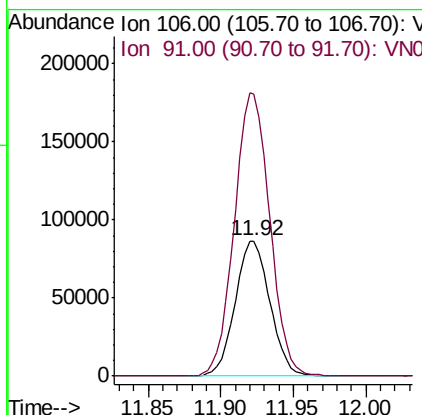
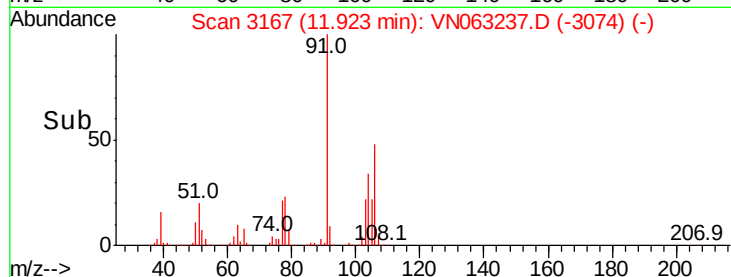
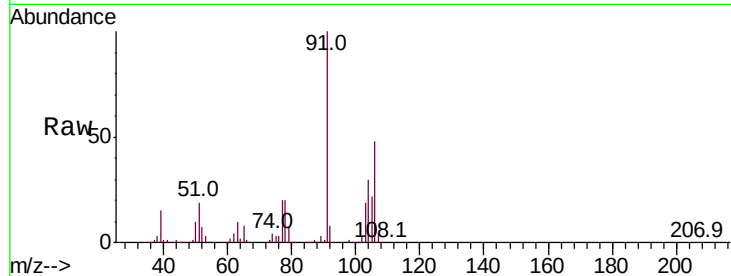
#69
o-Xylene
Concen: 20.230 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063237.D
Acq: 4 Sep 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VN0904WBS01

Tot Ion	Ratio	Resp	Lower	Upper
106	100	144664		
91	212.9	108.6	325.6	

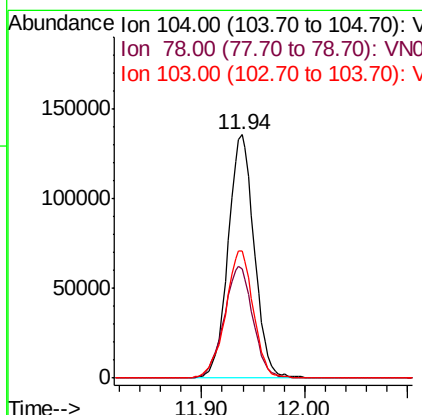
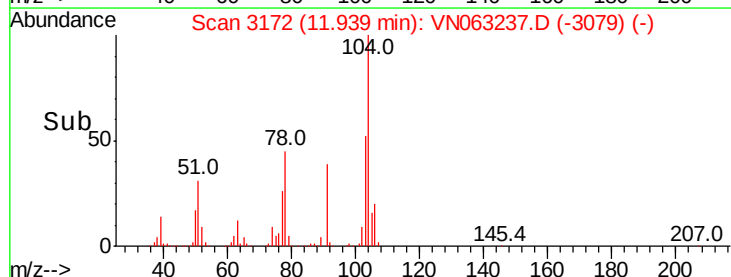
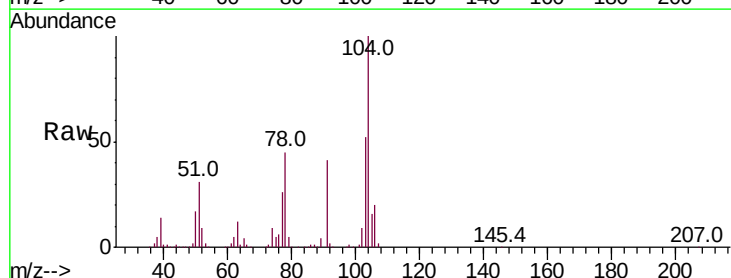
Manual Integrations
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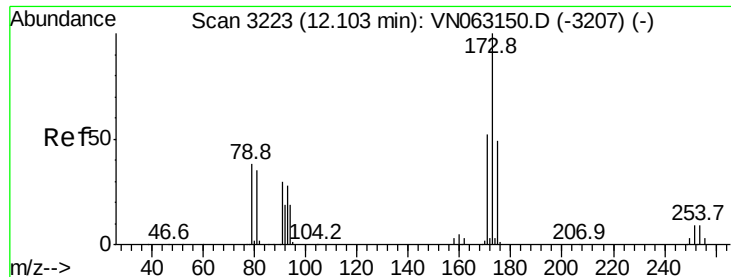
MMDadoda
9/8/2020 5:34:32 PM



#70
Styrene
Concen: 19.501 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063237.D
Acq: 4 Sep 2020 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	239655		
78	50.8	41.0	61.6	
103	55.5	43.8	65.8	





#71

Bromoform

Concen: 18.881 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

Instrument :

MSVOA_N

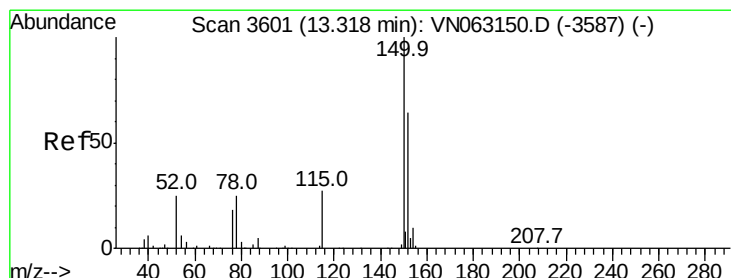
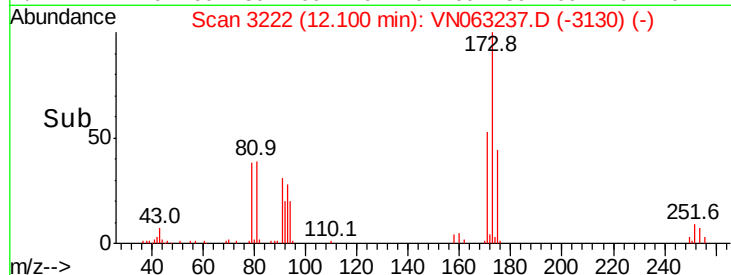
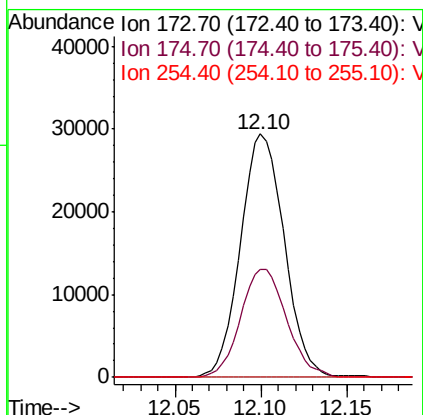
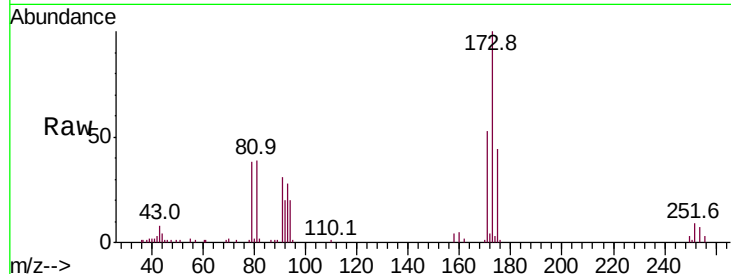
ClientSampleId :

VN0904WBS01

Tot Ion:	173	Resp:	52119
Ion Ratio	Lower	Upper	
173	100		
175	46.7	24.6	73.8
254	0.0	0.0	0.0

Manual Integrations
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9/8/2020 5:34:32 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

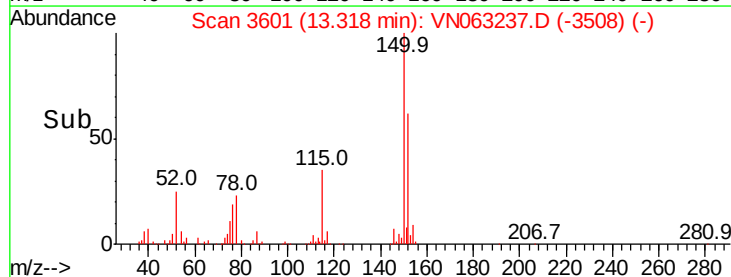
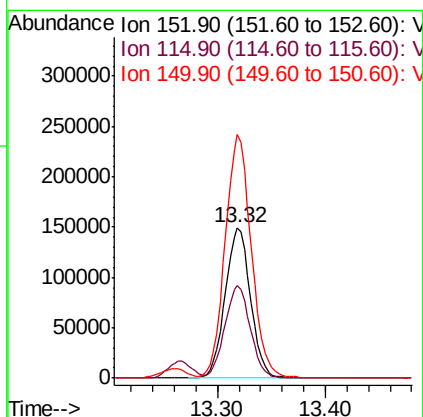
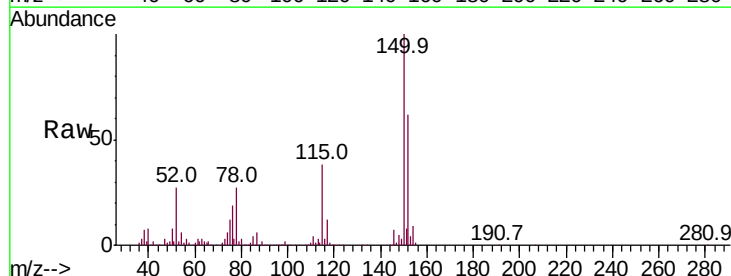
RT: 13.32 min Scan# 3601

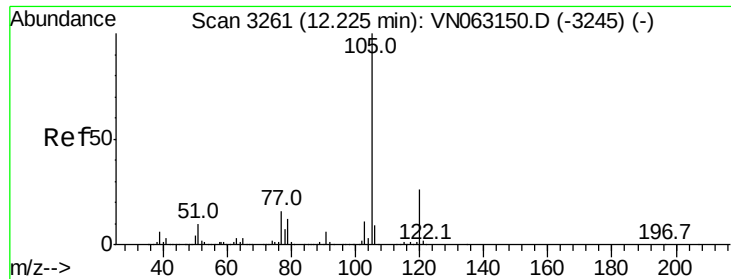
Delta R.T. 0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

Tgt Ion:	152	Resp:	244124
Ion Ratio	Lower	Upper	
152	100		
115	61.3	32.0	96.2
150	166.3	0.0	353.0





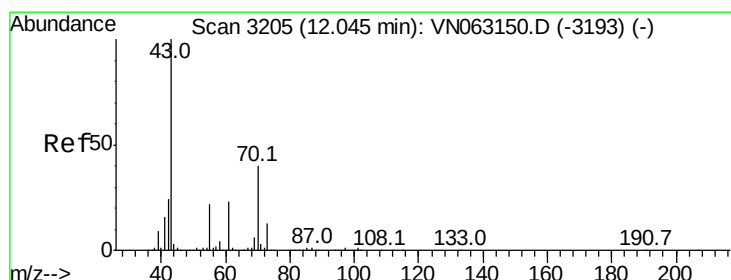
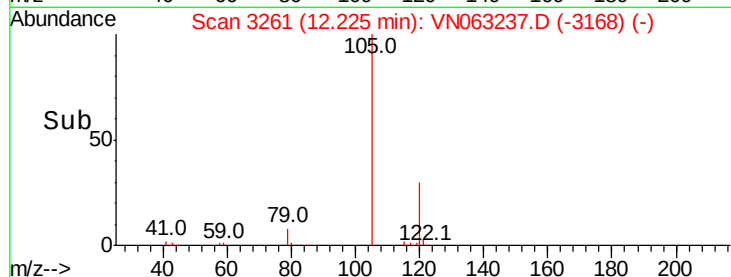
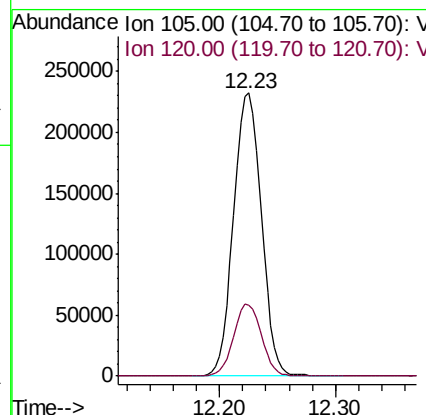
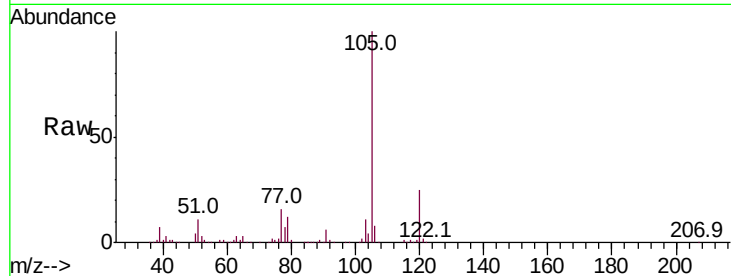
#73
Isopropylbenzene
Concen: 20.661 ug/l
RT: 12.23 min Scan# 3261
Delta R.T. 0.00 min
Lab File: VN063237.D
Acq: 4 Sep 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VN0904WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.2	12.9	38.6

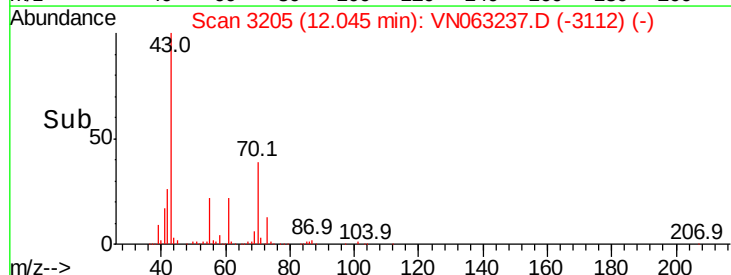
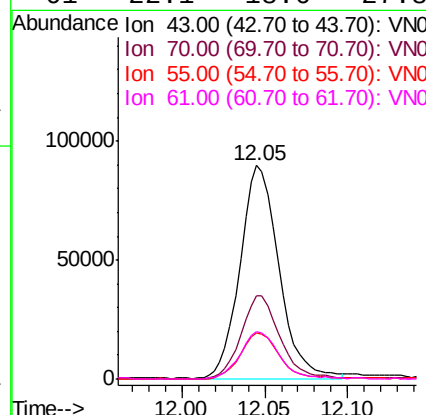
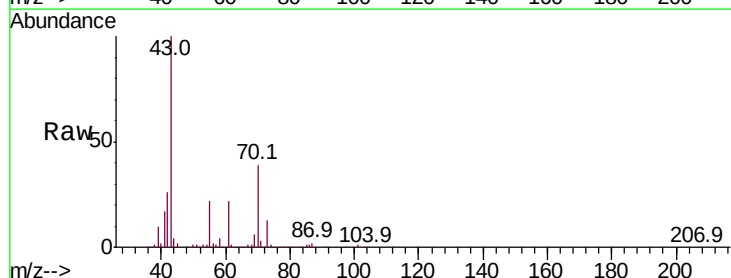
Manual Integrations
APPROVED

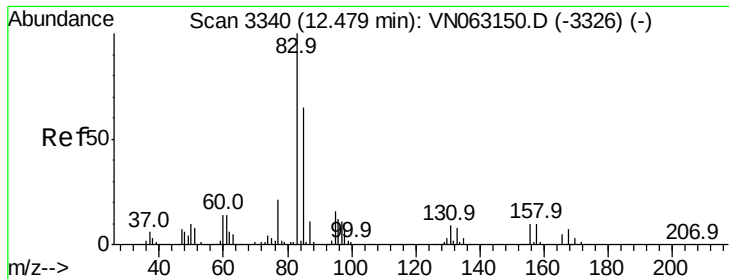
MMDadoda
9/8/2020 5:34:32 PM



#74
N-ethyl acetate
Concen: 18.889 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VN063237.D
Acq: 4 Sep 2020 10:55

Tgt Ion	Ratio	Lower	Upper
43	100		
70	39.1	32.1	48.1
55	21.8	17.4	26.0
61	22.1	18.6	27.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.275 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

Instrument :

MSVOA_N

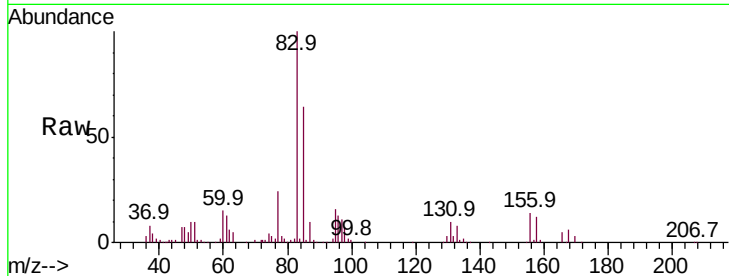
ClientSampleId :

VN0904WBS01

Tot Ion:	83	Resp:	109451
Ion Ratio	Lower	Upper	
83	100		
131	9.3	4.7	14.0
85	62.5	32.7	98.1

Manual Integrations
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9/8/2020 5:34:32 PM

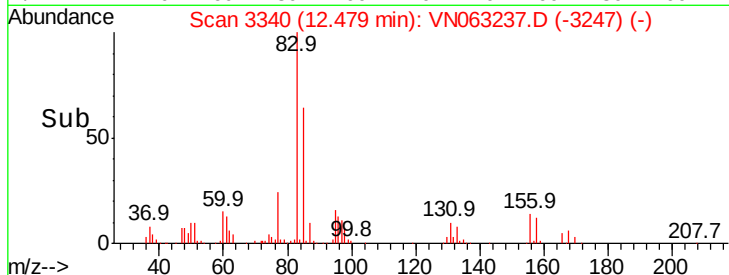


Abundance Ion 82.90 (82.60 to 83.60): VN063237.D (-3247) (-)

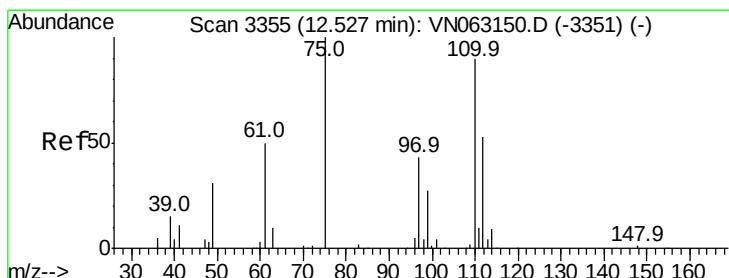
Ion 130.80 (130.50 to 131.50): VN063237.D (-3247) (-)

Ion 84.90 (84.60 to 85.60): VN063237.D (-3247) (-)

Time-->



Time-->



#76

1,2,3-Trichloropropane

Concen: 21.462 ug/l m

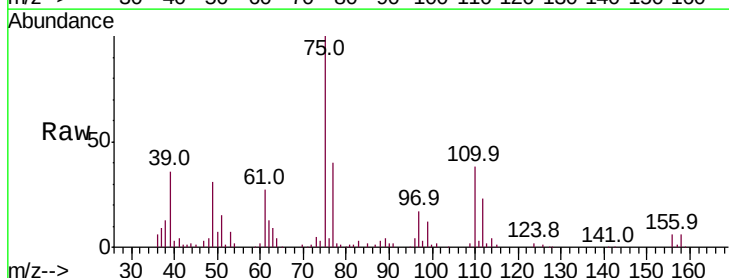
RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

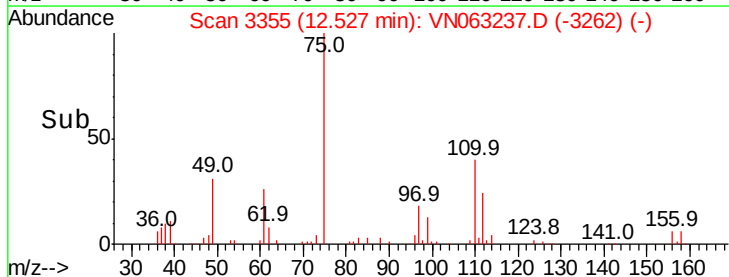
Tgt Ion:	75	Resp:	102945
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063237.D (-3262) (-)

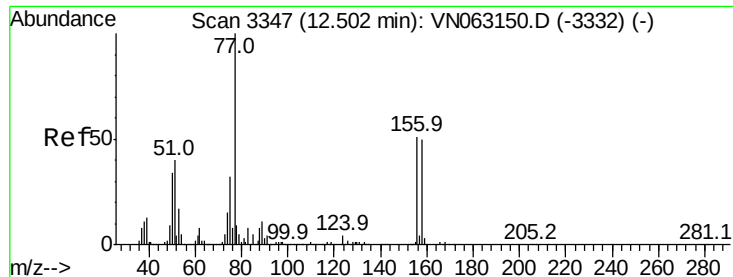
Ion 77.00 (76.70 to 77.70): VN063237.D (-3262) (-)

Time-->



Time-->

Time-->



#77

Bromobenzene

Concen: 20.690 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

Instrument :

MSVOA_N

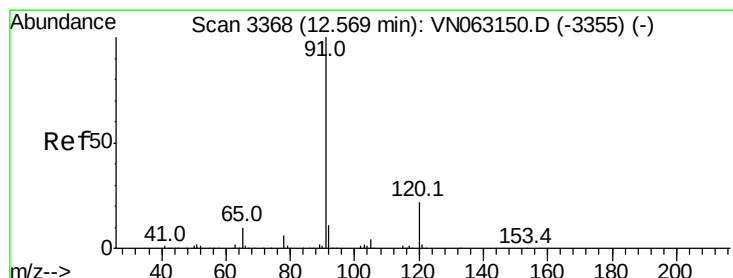
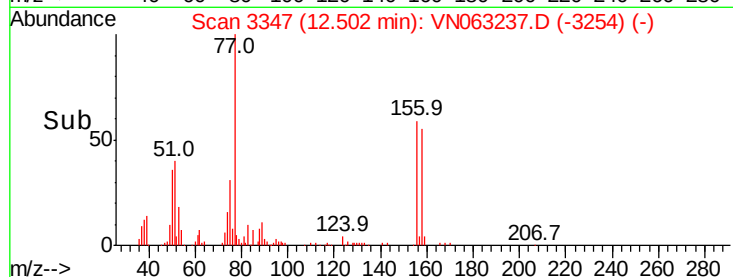
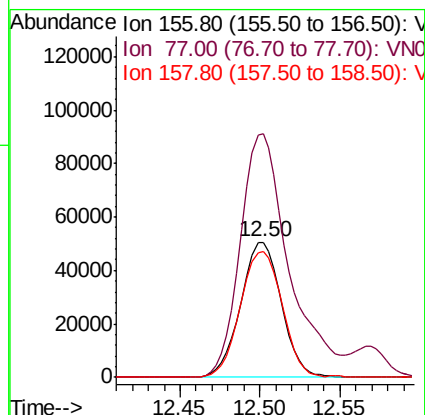
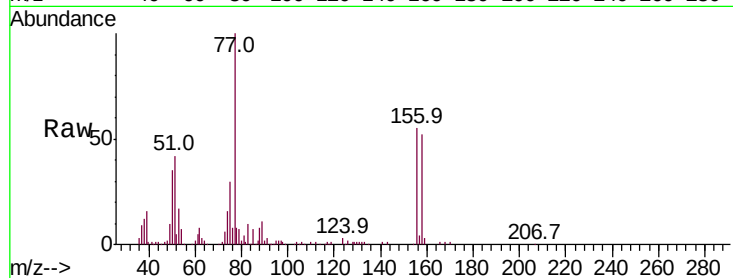
ClientSampled :

VN0904WBS01

Tot Ion:	156	Resp:	87615
Ion	Ratio	Lower	Upper
156	100		
77	215.8	116.1	348.3
158	95.8	48.8	146.4

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#78

n-propylbenzene

Concen: 20.927 ug/l

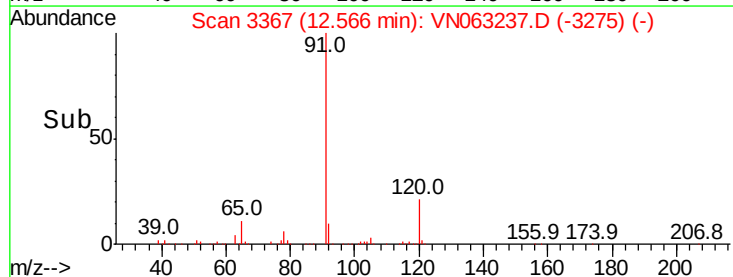
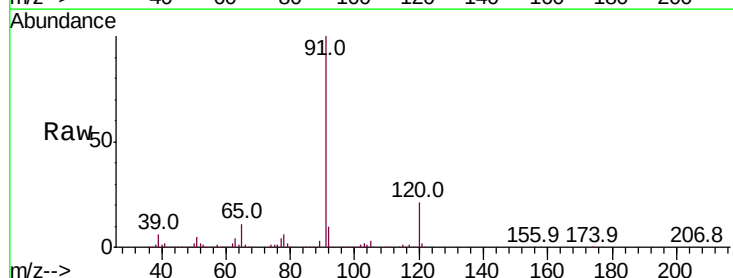
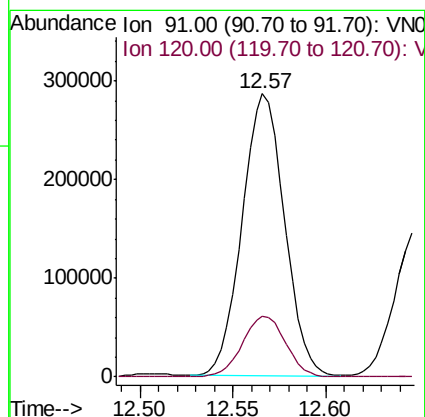
RT: 12.57 min Scan# 3367

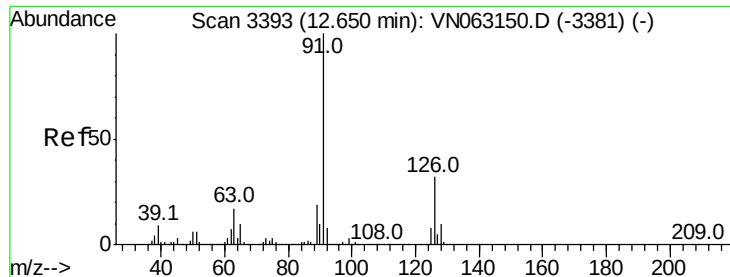
Delta R.T. -0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

Tgt Ion:	91	Resp:	453416
Ion	Ratio	Lower	Upper
91	100		
120	22.0	10.9	32.7





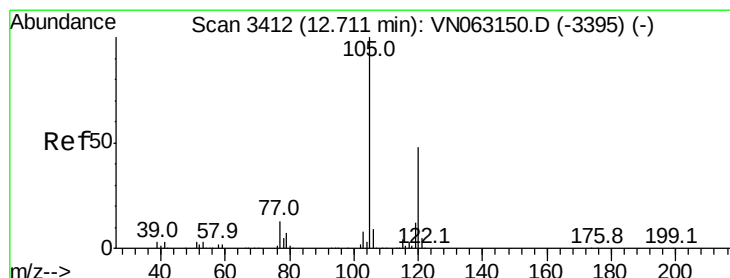
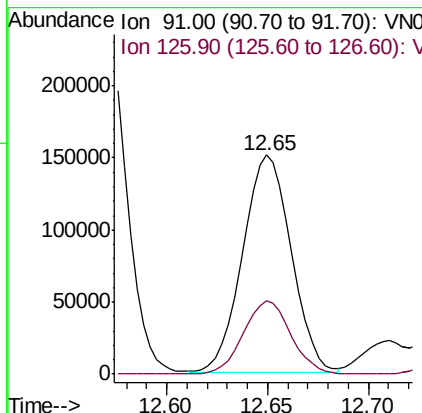
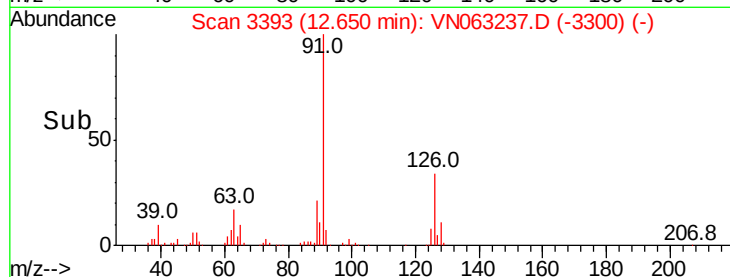
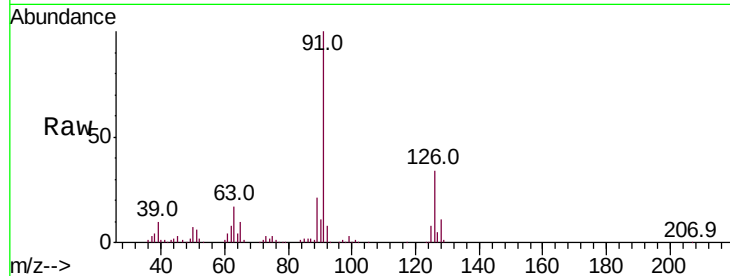
#79
 2-Chlorotoluene
 Concen: 19.694 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN063237.D
 Acq: 4 Sep 2020 10:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBS01

Tot Ion: 91 Resp: 255577
 Ion Ratio Lower Upper
 91 100
 126 33.0 16.1 48.3

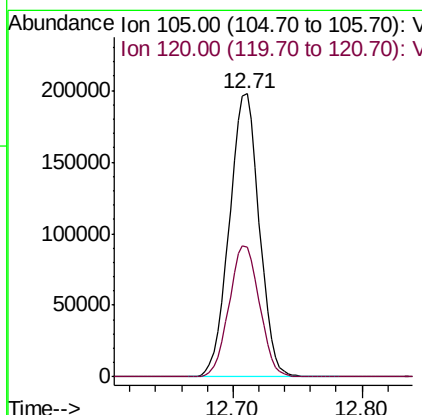
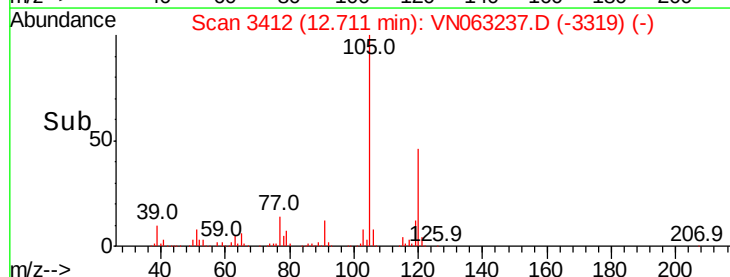
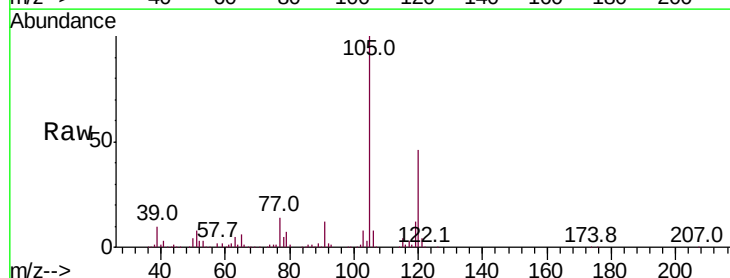
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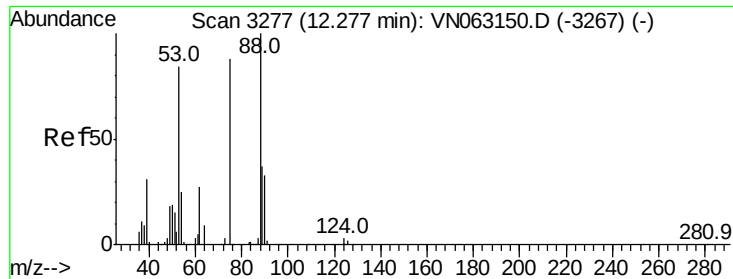
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.443 ug/l
 RT: 12.71 min Scan# 3412
 Delta R.T. 0.00 min
 Lab File: VN063237.D
 Acq: 4 Sep 2020 10:55

Tgt Ion: 105 Resp: 318605
 Ion Ratio Lower Upper
 105 100
 120 47.1 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 17.198 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBS01

Tot Ion: 75 Resp: 34129

Ion Ratio Lower Upper

75 100

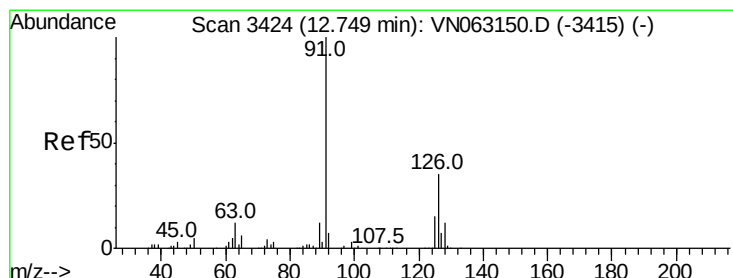
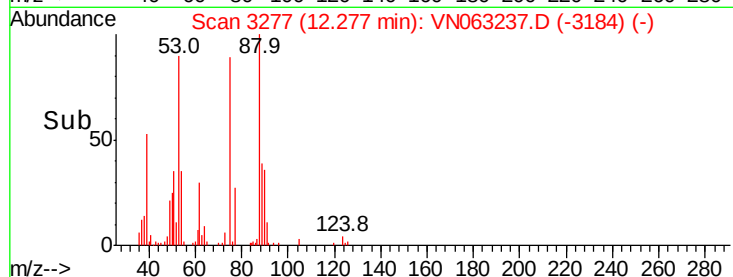
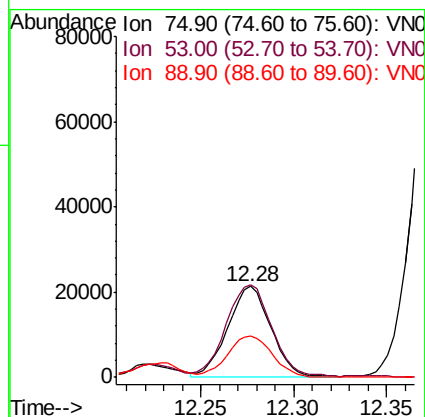
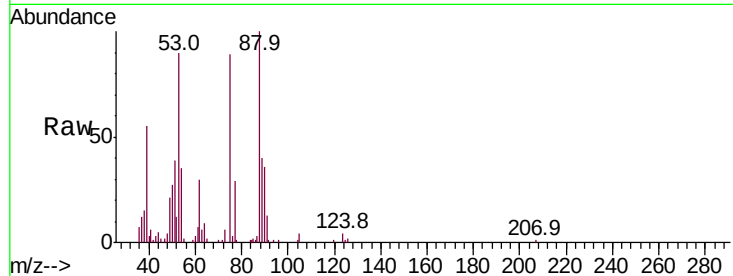
53 107.6 78.7 118.1

89 47.9 35.3 52.9

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.012 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN063237.D

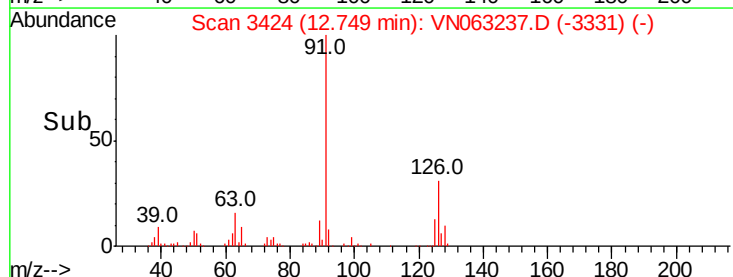
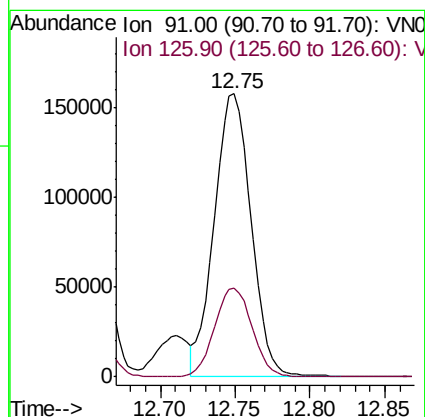
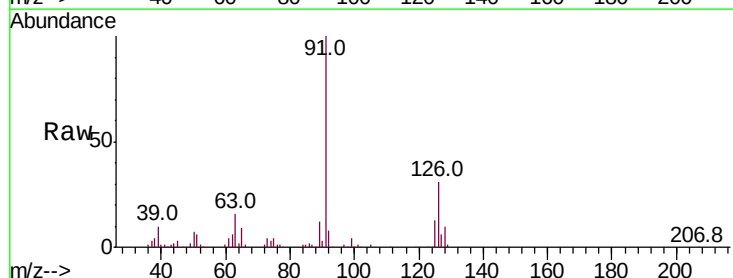
Acq: 4 Sep 2020 10:55

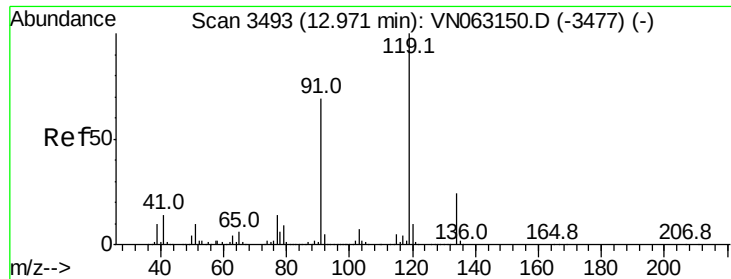
Tgt Ion: 91 Resp: 269343

Ion Ratio Lower Upper

91 100

126 32.4 16.2 48.5





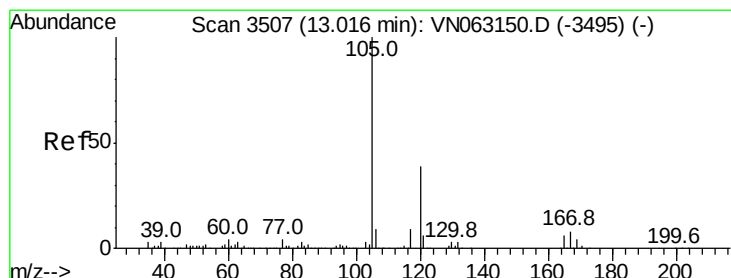
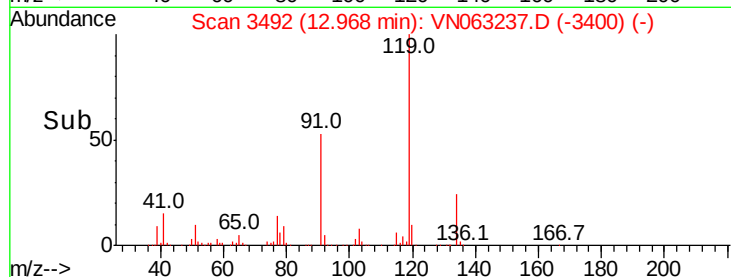
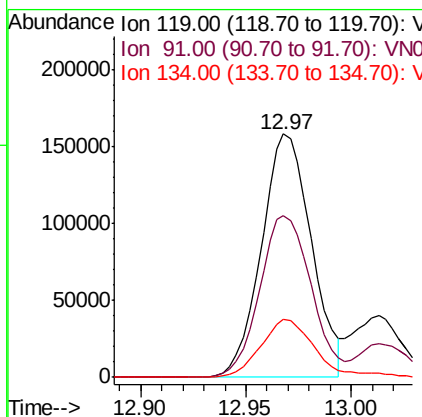
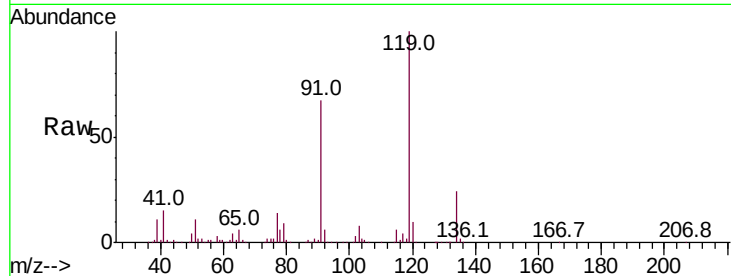
#83
 tert-Butylbenzene
 Concen: 19.491 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN063237.D
 Acq: 4 Sep 2020 10:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	260520		
91	68.3	33.7	101.0	
134	26.2	12.0	36.0	

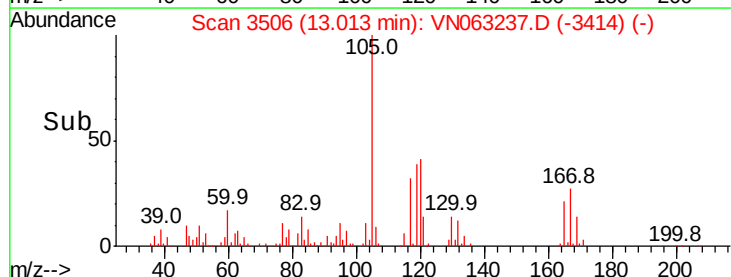
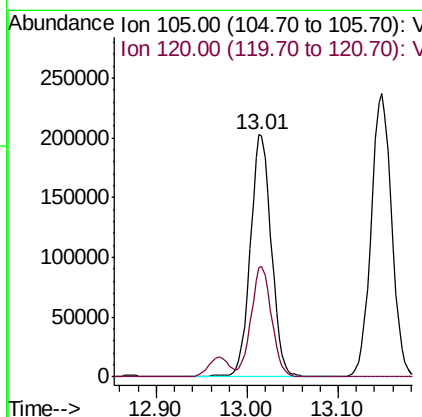
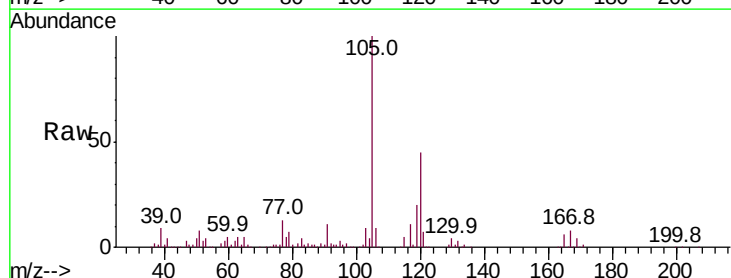
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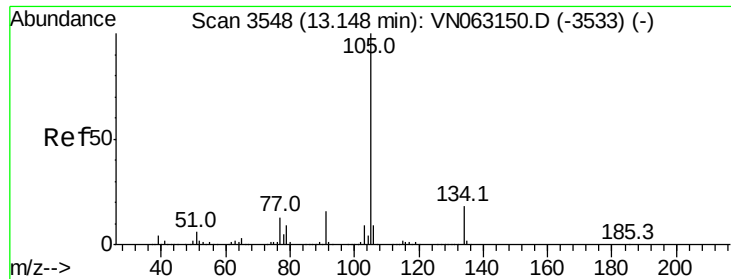
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.693 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN063237.D
 Acq: 4 Sep 2020 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	325080		
120	44.9	22.6	67.7	





#85

sec-Butylbenzene

Concen: 21.198 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBS01

Tot Ion:105 Resp: 369271

Ion Ratio Lower Upper

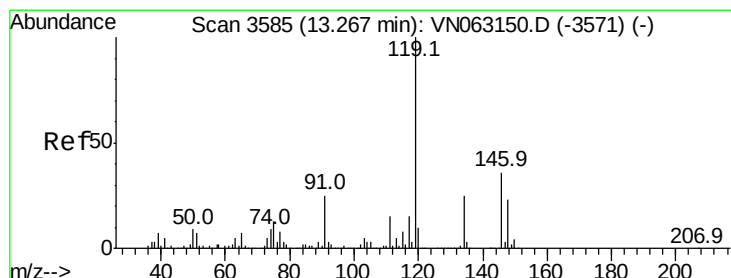
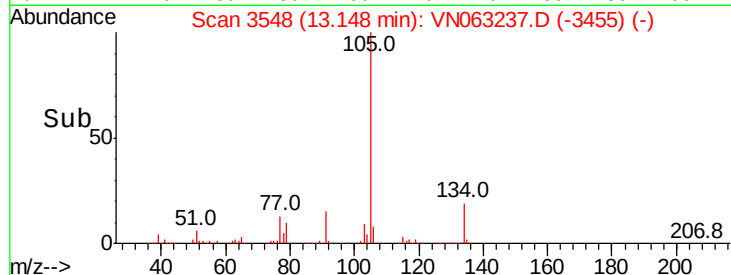
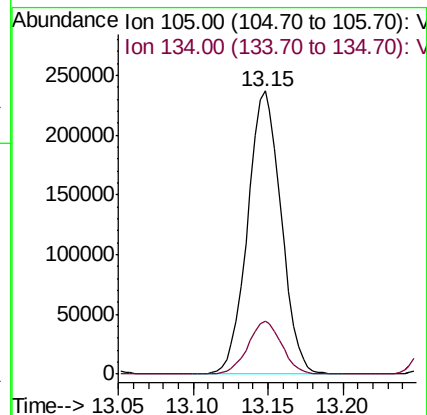
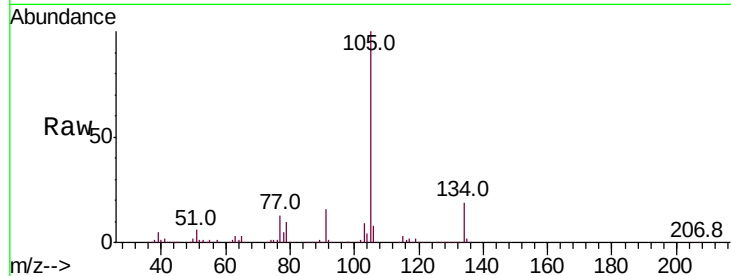
105 100

134 18.8 9.4 28.3

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#86

p-Isopropyltoluene

Concen: 20.814 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

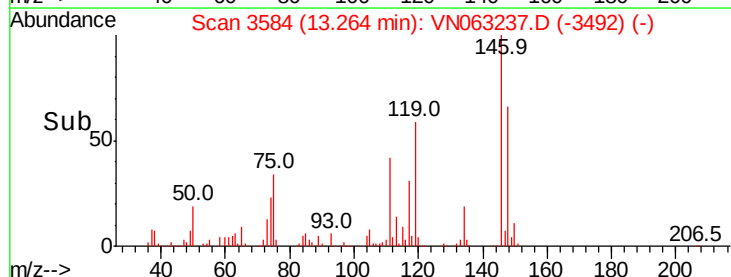
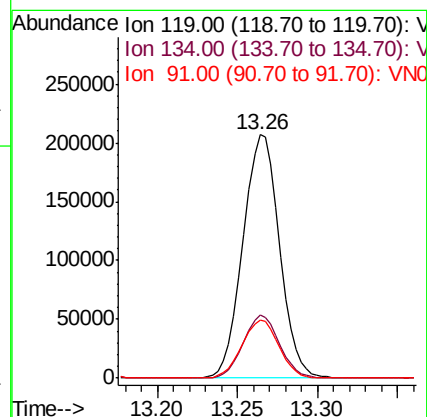
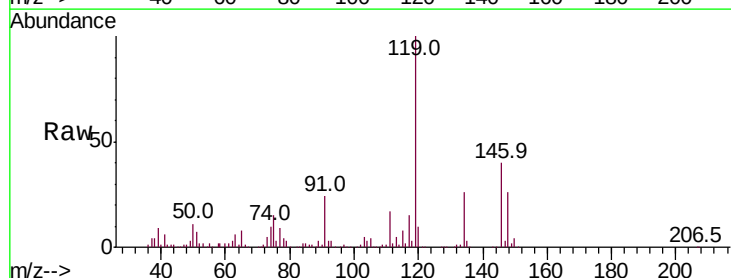
Tgt Ion:119 Resp: 321909

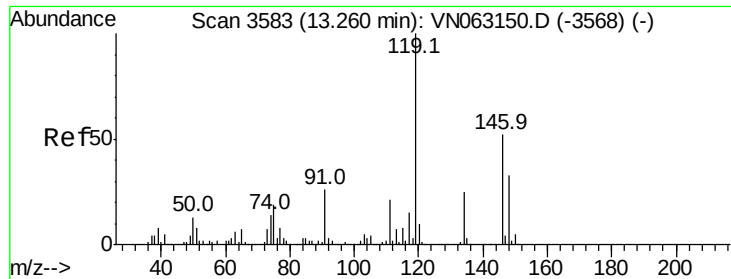
Ion Ratio Lower Upper

119 100

134 25.7 12.4 37.4

91 23.9 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 20.468 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

Instrument :

MSVOA_N

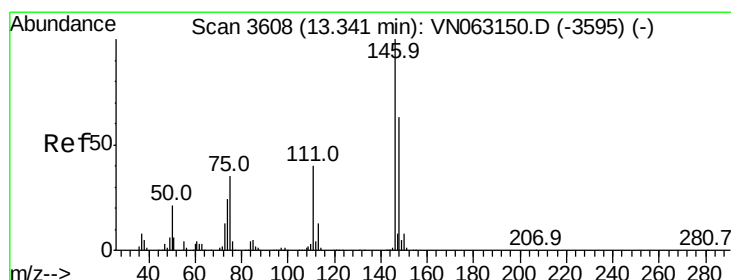
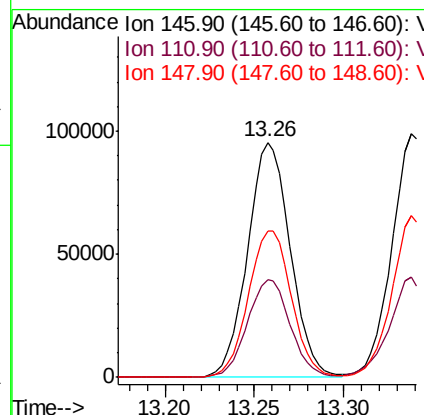
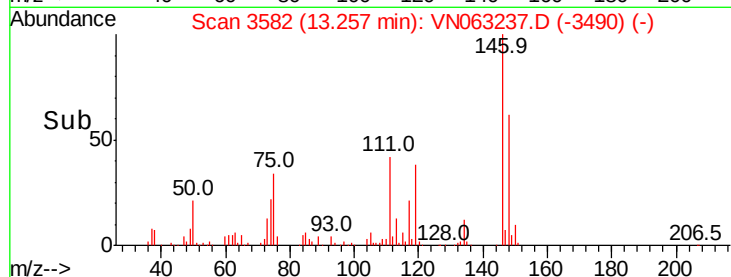
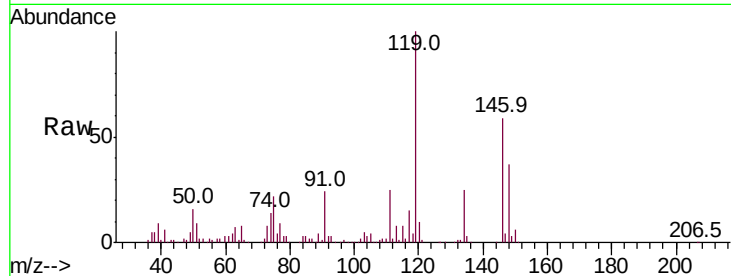
ClientSampleId :

VN0904WBS01

Tot Ion:	146	Resp:	159228
Ion Ratio	Lower	Upper	
146	100		
111	41.7	21.3	63.7
148	62.9	31.9	95.9

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.902 ug/l

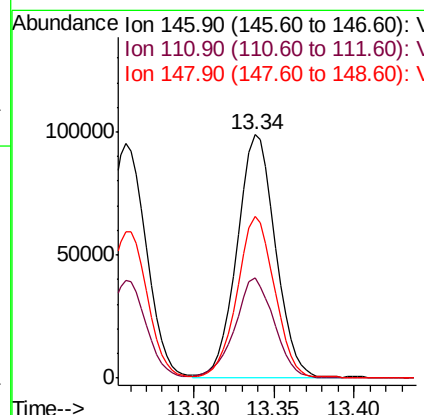
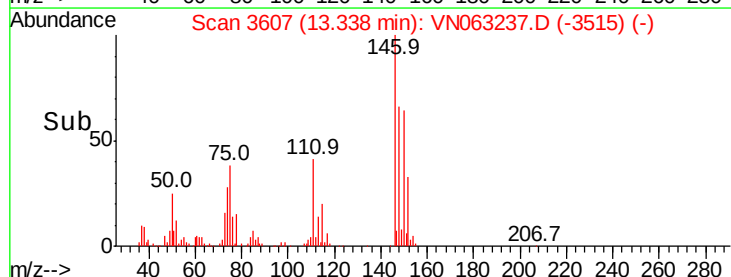
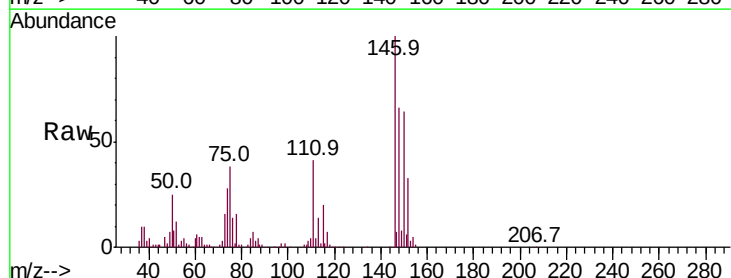
RT: 13.34 min Scan# 3607

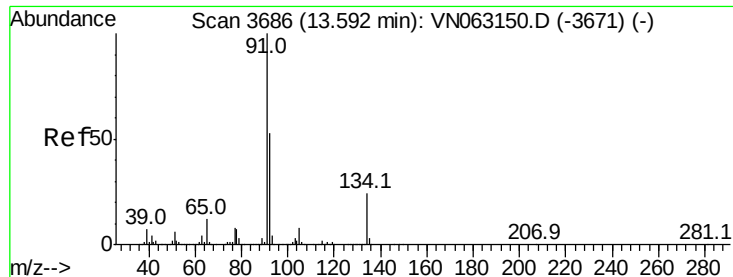
Delta R.T. -0.00 min

Lab File: VN063237.D

Acq: 4 Sep 2020 10:55

Tgt Ion:	146	Resp:	160309
Ion Ratio	Lower	Upper	
146	100		
111	41.8	20.5	61.5
148	65.3	31.9	95.7





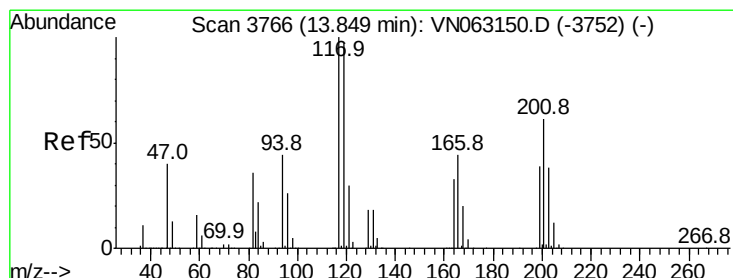
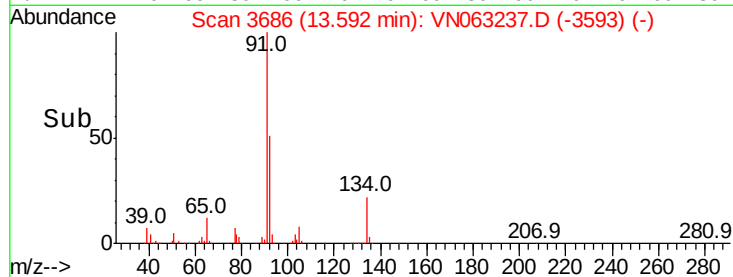
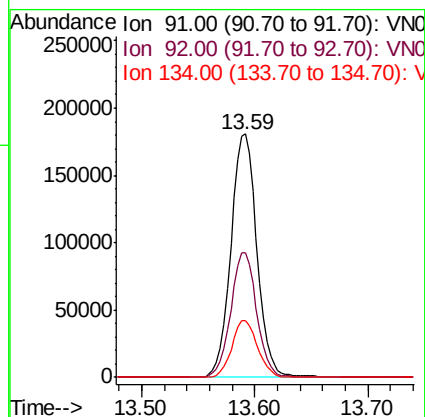
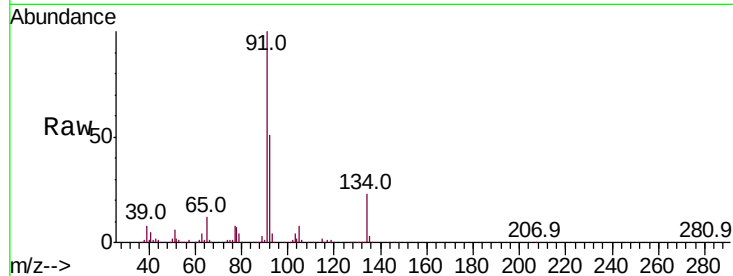
#89
n-Butylbenzene
Concen: 20.253 ug/l
RT: 13.59 min Scan# 3686
Delta R.T. 0.00 min
Lab File: VN063237.D
Acq: 4 Sep 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VN0904WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	289370		
92	51.2		26.3	78.8
134	23.2		12.0	36.0

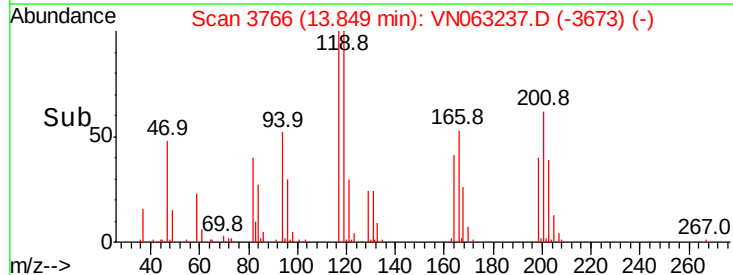
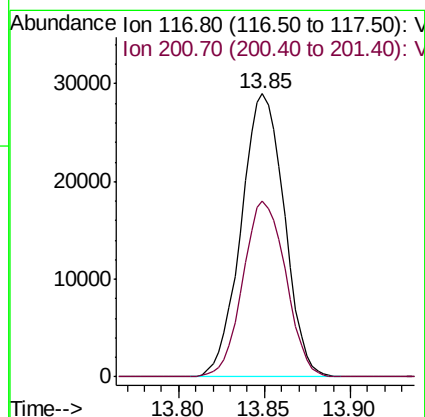
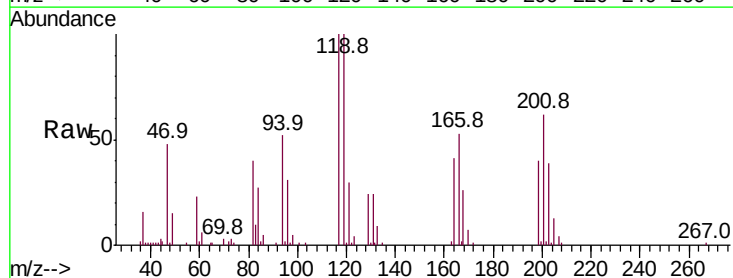
Manual Integrations
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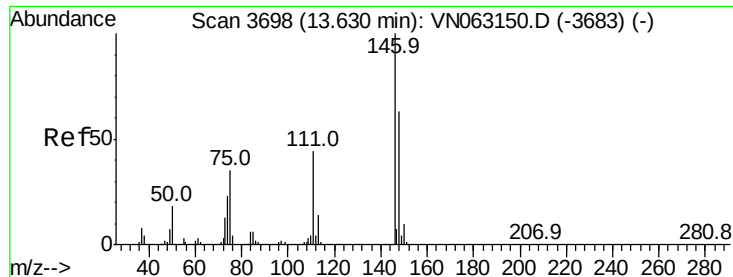
MMDadoda
9/8/2020 5:34:32 PM



#90
Hexachloroethane
Concen: 17.622 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN063237.D
Acq: 4 Sep 2020 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	50452		
201	61.6		30.6	92.0





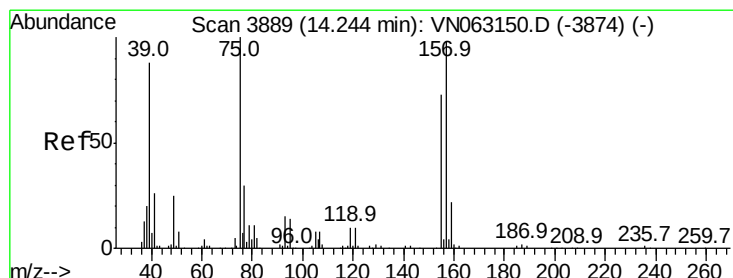
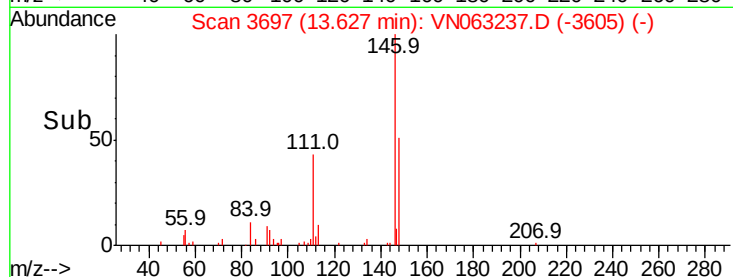
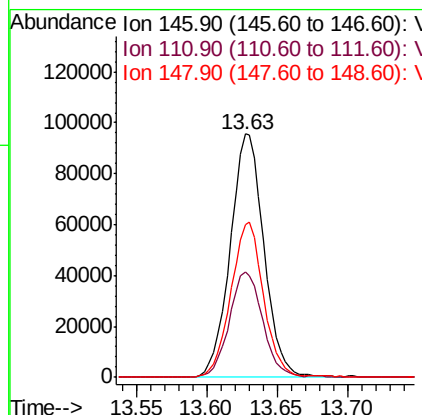
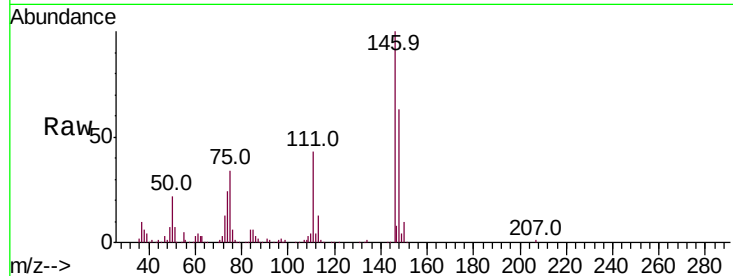
#91
 1,2-Dichlorobenzene
 Concen: 21.185 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063237.D
 Acq: 4 Sep 2020 10:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	159928		
111	42.8	22.0	66.0	
148	61.4	31.6	95.0	

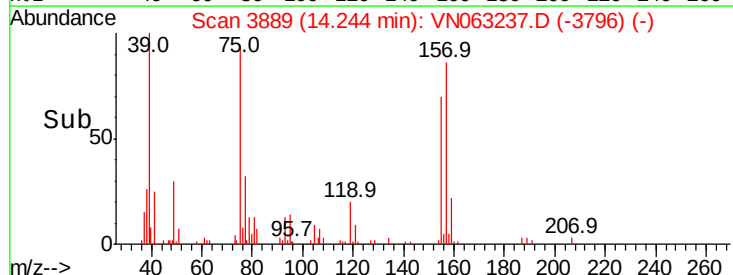
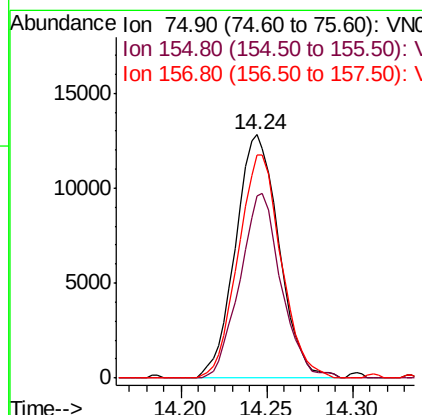
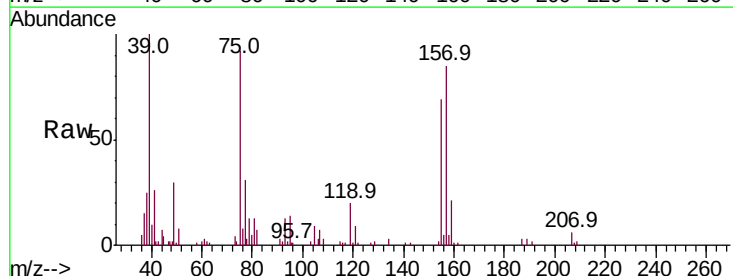
Manual Integrations
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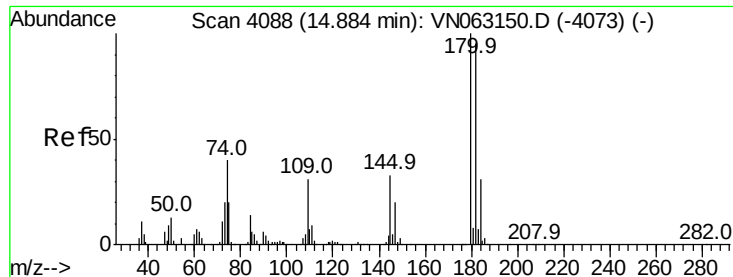
MMDadoda
 9/8/2020 5:34:32 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.012 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063237.D
 Acq: 4 Sep 2020 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	22564		
155	71.7	36.1	108.5	
157	90.4	48.4	145.0	





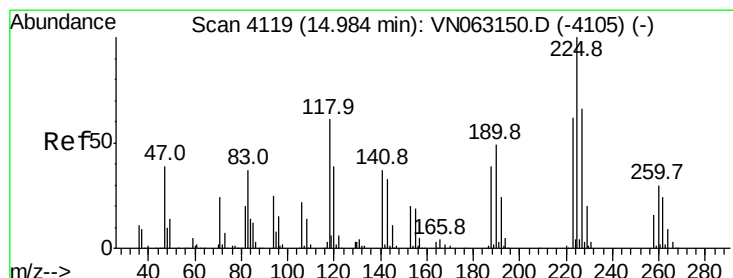
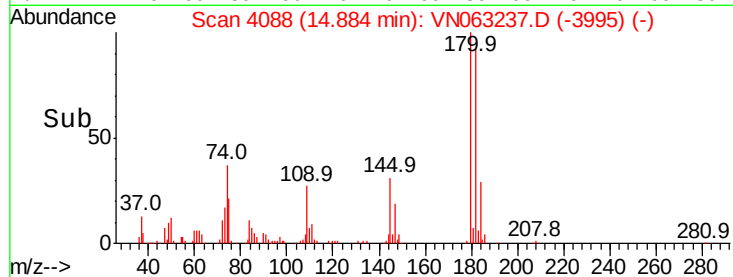
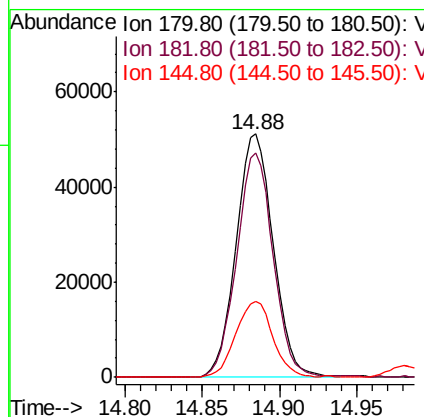
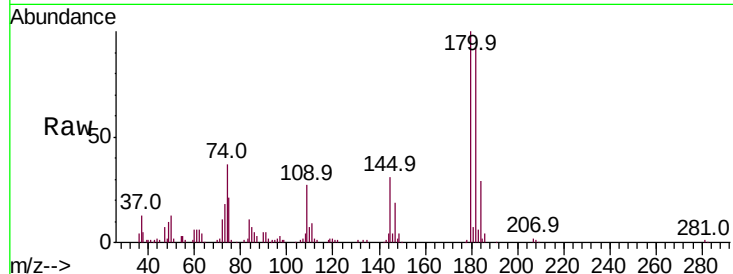
#93
 1,2,4-Trichlorobenzene
 Concen: 20.238 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063237.D
 Acq: 4 Sep 2020 10:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBS01

Tot Ion:	180	Resp:	85354
Ion Ratio	Lower	Upper	
180	100		
182	90.4	47.5	142.5
145	31.2	16.6	49.8

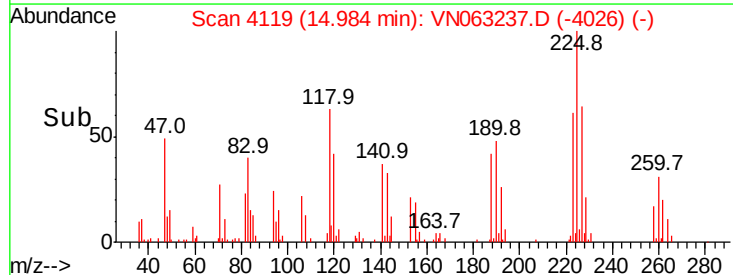
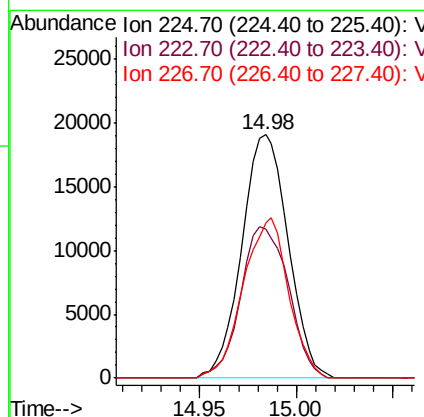
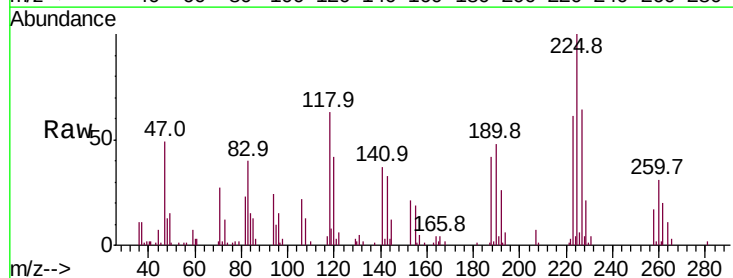
Manual Integrations
 APPROVED

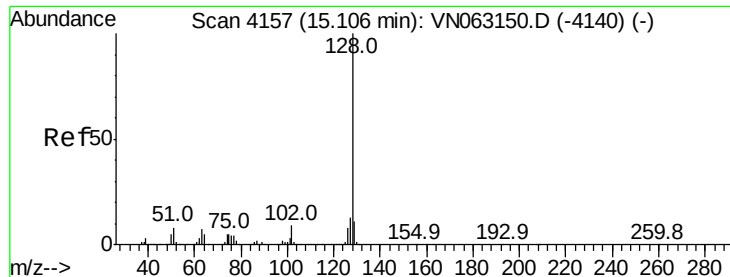
MMDadoda
 9/8/2020 5:34:32 PM



#94
 Hexachlorobutadiene
 Concen: 20.175 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063237.D
 Acq: 4 Sep 2020 10:55

Tgt Ion:	225	Resp:	31786
Ion Ratio	Lower	Upper	
225	100		
223	64.2	30.9	92.7
227	64.5	32.9	98.7





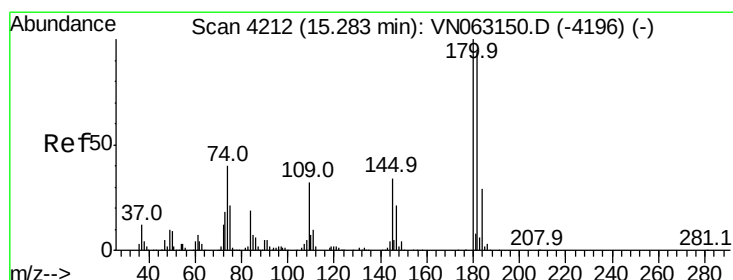
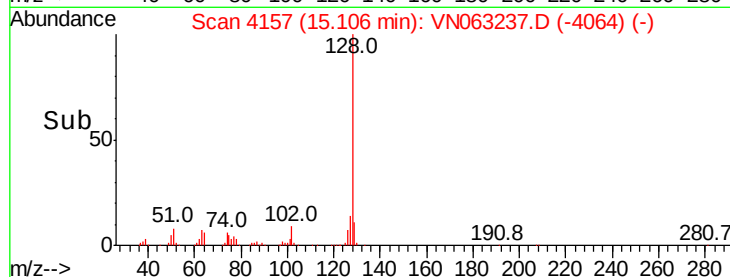
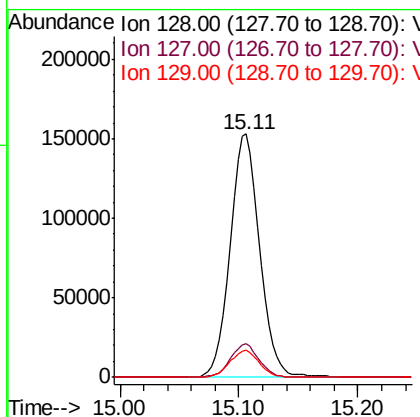
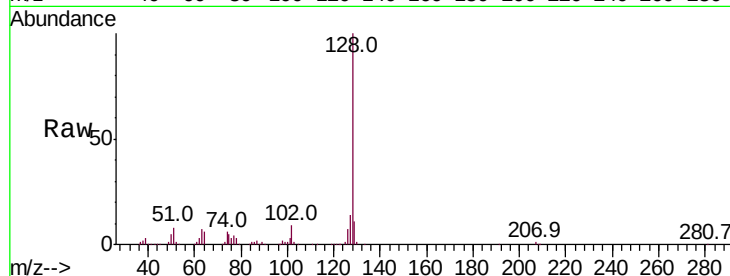
#95
Naphthalene
Concen: 18.661 ug/l
RT: 15.11 min Scan# 4157
Delta R.T. 0.00 min
Lab File: VN063237.D
Acq: 4 Sep 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VN0904WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	262578		
127	13.2		10.5	15.7
129	11.1		8.6	13.0

Manual Integrations
APPROVED

MMDadoda
9/8/2020 5:34:32 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.053 ug/l
RT: 15.29 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN063237.D
Acq: 4 Sep 2020 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	82400		
182	92.6		47.5	142.5
145	33.0		17.3	52.0

