

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090420\
 Data File : VN063256.D
 Acq On : 4 Sep 2020 18:36
 Operator : JC/MD
 Sample : L3902-07MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-MW131I-20200901MS

Manual Integrations
 APPROVED

MMDadoda
 9/8/2020 1:33:22 PM

Quant Time: Sep 07 01:57:45 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	7.63	168	300333	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	575100	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	543663	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	249419	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	240567	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	
35) Dibromofluoromethane	7.55	113	178163	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	
50) Toluene-d8	10.06	98	690705	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	
62) 4-Bromofluorobenzene	12.38	95	246587	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	129935	43.930	ug/l	98
3) Chloromethane	2.04	50	187797	43.603	ug/l	95
4) Vinyl Chloride	2.17	62	209709	44.079	ug/l	99
5) Bromomethane	2.53	94	198517	49.570	ug/l	100
6) Chloroethane	2.67	64	197844	52.302	ug/l	98
7) Trichlorofluoromethane	2.98	101	347724	53.228	ug/l	96
8) Diethyl Ether	3.37	74	105507	46.350	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	154802	47.870	ug/l	99
10) Methyl Iodide	3.91	142	203658	46.176	ug/l	99
11) Tert butyl alcohol	4.74	59	133109	220.874	ug/l #	91
12) 1,1-Dichloroethene	3.70	96	155061	47.058	ug/l	94
13) Acrolein	3.57	56	70273	302.732	ug/l	97
14) Allyl chloride	4.28	41	266730	45.578	ug/l	95
15) Acrylonitrile	4.93	53	418391	247.870	ug/l	100
16) Acetone	3.77	43	350993	251.491	ug/l	98
17) Carbon Disulfide	4.01	76	415107	42.324	ug/l	100
18) Methyl Acetate	4.28	43	180154	50.343	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	582035	47.615	ug/l	99
20) Methylene Chloride	4.51	84	196398	50.046	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	182844	50.225	ug/l	90
22) Diisopropyl ether	5.90	45	630276	48.061	ug/l	95
23) Vinyl Acetate	5.84	43	2367335	226.236	ug/l	100
24) 1,1-Dichloroethane	5.80	63	350923	48.540	ug/l	99
25) 2-Butanone	6.78	43	569369	263.472	ug/l	100
26) 2,2-Dichloropropane	6.78	77	249108	38.031	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	219557	49.618	ug/l	94
28) Bromochloromethane	7.15	49	186211	49.300	ug/l	99
29) Tetrahydrofuran	7.17	42	379333	253.862	ug/l	98
30) Chloroform	7.33	83	374725	49.542	ug/l	99
31) Cyclohexane	7.62	56	279771	43.692	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	328481	50.398	ug/l	99
36) 1,1-Dichloropropene	7.75	75	267104	48.312	ug/l	98
37) Ethyl Acetate	6.88	43	236289	45.297	ug/l #	96
38) Carbon Tetrachloride	7.74	117	268457	47.880	ug/l	98

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 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)
39) Methylcyclohexane	9.05	83	259616	41.799	ug/l	98
40) Benzene	8.00	78	812502	50.010	ug/l	100
41) Methacrylonitrile	7.12	41	99235	42.606	ug/l #	82
42) 1,2-Dichloroethane	8.09	62	309920	51.067	ug/l	99
43) Isopropyl Acetate	8.13	43	431616	47.869	ug/l #	89
44) Trichloroethene	8.80	130	207918	52.760	ug/l	97
45) 1,2-Dichloropropane	9.08	63	211531	49.175	ug/l	100
46) Dibromomethane	9.17	93	147726	51.822	ug/l	98
47) Bromodichloromethane	9.37	83	307399	50.308	ug/l	99
48) Methyl methacrylate	9.17	41	210171	51.707	ug/l	93
49) 1,4-Dioxane	9.17	88	60102	955.997	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	1353725	276.290	ug/l	99
52) Toluene	10.13	92	520215	51.401	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	323693	48.430	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	333656	47.557	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	200543	51.740	ug/l	98
56) Ethyl methacrylate	10.40	69	300788	50.993	ug/l	99
57) 1,3-Dichloropropane	10.68	76	349866	50.669	ug/l	98
59) 2-Hexanone	10.72	43	987892	286.894	ug/l	98
60) Dibromochloromethane	10.87	129	221521	51.695	ug/l	100
61) 1,2-Dibromoethane	10.98	107	213248	52.926	ug/l	98
64) Tetrachloroethene	10.60	164	208494	53.405	ug/l	94
65) Chlorobenzene	11.41	112	545083	49.779	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	203771	50.122	ug/l	99
67) Ethyl Benzene	11.49	91	1028832	51.503	ug/l	100
68) m/p-Xylenes	11.59	106	750471	101.436	ug/l	100
69) o-Xylene	11.92	106	364890	51.053	ug/l	99
70) Styrene	11.94	104	631699	51.428	ug/l	99
71) Bromoform	12.10	173	139893	50.704	ug/l #	99
73) Isopropylbenzene	12.23	105	968956	50.651	ug/l	99
74) N-amyl acetate	12.04	43	378562	47.774	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	280984	50.946	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	251273m	51.274	ug/l	
77) Bromobenzene	12.50	156	227608	52.608	ug/l	94
78) n-propylbenzene	12.57	91	1114329	50.339	ug/l	99
79) 2-Chlorotoluene	12.65	91	674537	50.875	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	788567	49.523	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	90234	44.504	ug/l	95
82) 4-Chlorotoluene	12.75	91	692883	50.388	ug/l	100
83) tert-Butylbenzene	12.97	119	645203	47.246	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	811417	50.555	ug/l	98
85) sec-Butylbenzene	13.15	105	851362	47.835	ug/l	100
86) p-Isopropyltoluene	13.26	119	755055	47.785	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	406522	51.148	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	413899	50.293	ug/l	99
89) n-Butylbenzene	13.59	91	654224	44.817	ug/l	99
90) Hexachloroethane	13.85	117	129595	44.305	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	408562	52.972	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	61860	51.017	ug/l	98
93) 1,2,4-Trichlorobenzene	14.88	180	203028	47.117	ug/l	98

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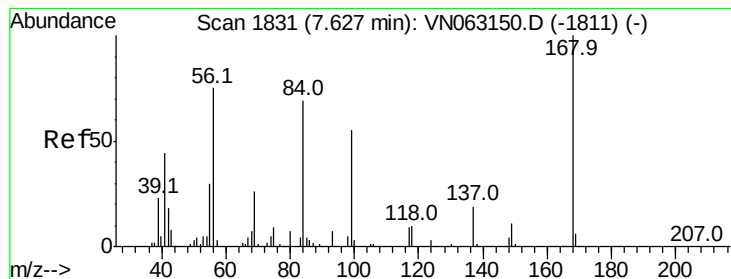
Manual Integrations
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Quant Time: Sep 07 01:57:45 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 01 04:21:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.98	225	66822	41.511	ug/l	99
95) Naphthalene	15.11	128	700658	48.737	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	194778	46.396	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

Instrument :

MSVOA_N

ClientSampleId :

SA-MW131I-20200901MS

Tot Ion:168 Resp: 300333

Ion Ratio Lower Upper

168 100

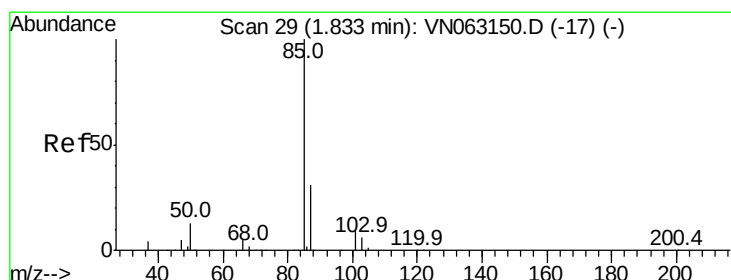
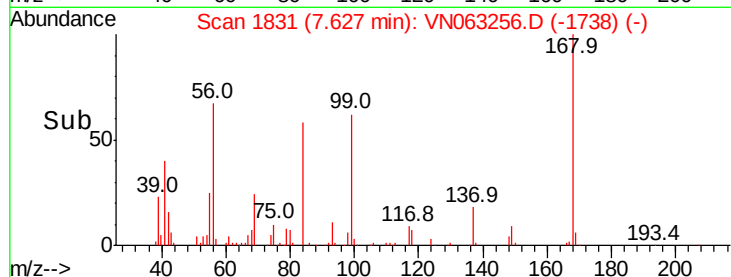
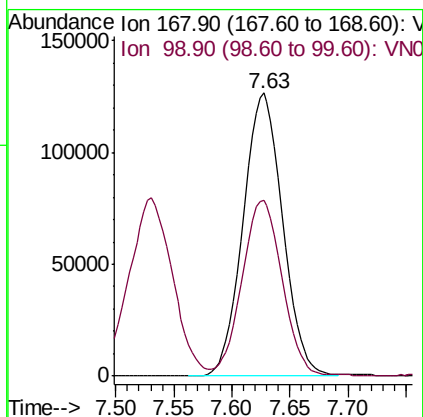
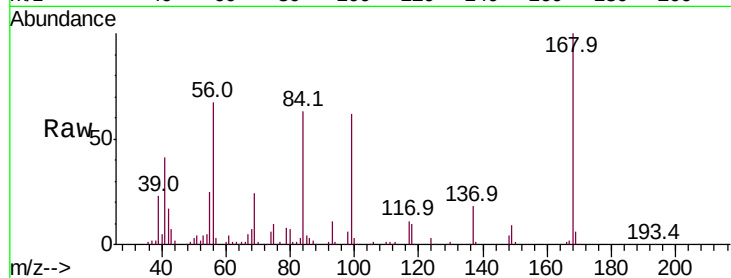
99 61.4 54.2 81.2

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#2

Dichlorodifluoromethane

Concen: 43.930 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN063256.D

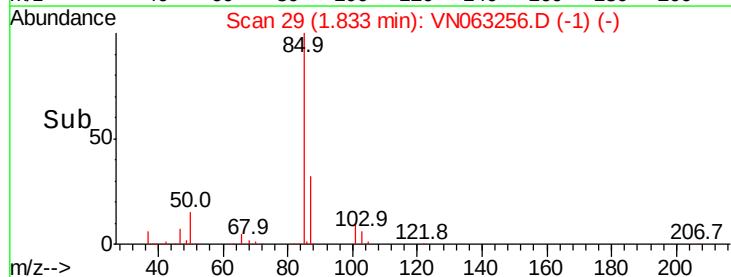
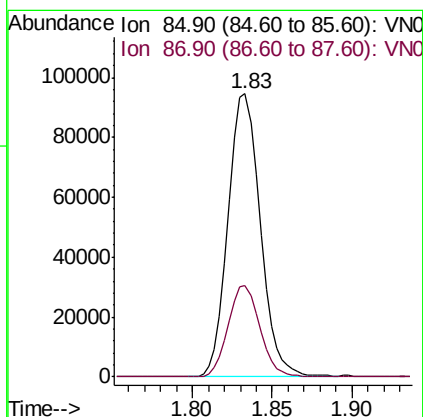
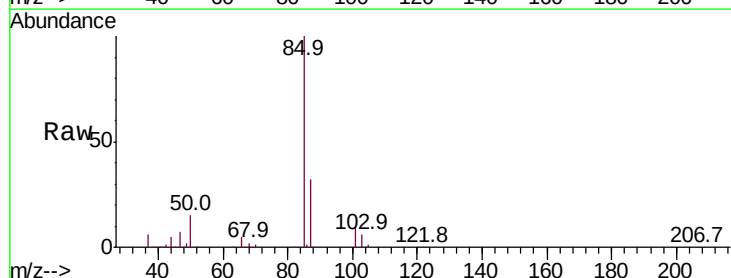
Acq: 4 Sep 2020 18:36

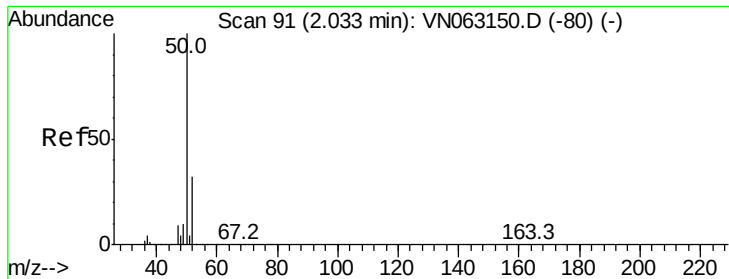
Tgt Ion: 85 Resp: 129935

Ion Ratio Lower Upper

85 100

87 32.4 15.6 46.8





#3

Chloromethane

Concen: 43.603 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

Instrument :

MSVOA_N

ClientSampleId :

SA-MW131I-20200901MS

Tot Ion: 50 Resp: 187797

Ion Ratio Lower Upper

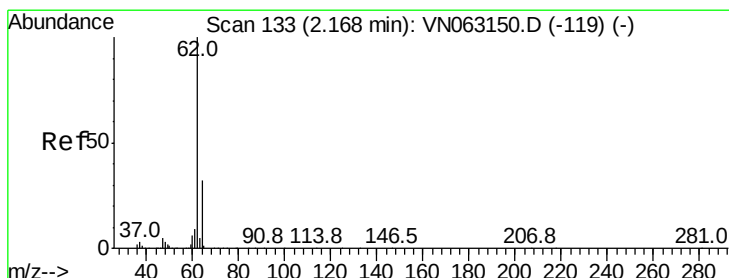
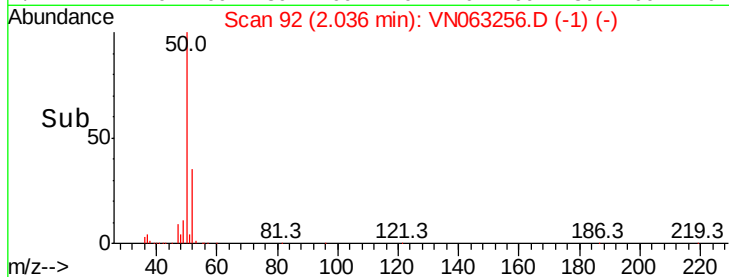
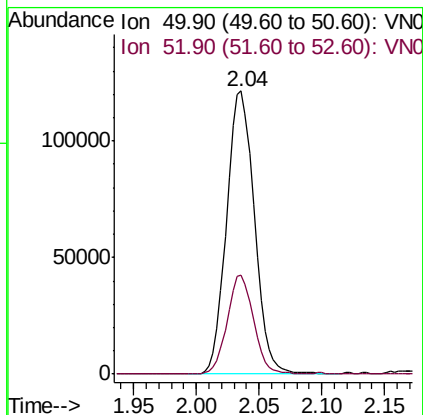
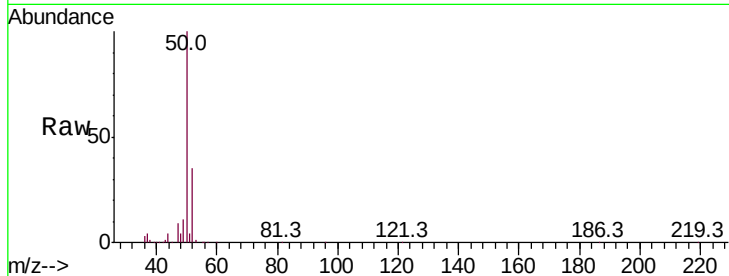
50 100

52 35.2 25.8 38.6

Manual Integrations
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#4

Vinyl Chloride

Concen: 44.079 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN063256.D

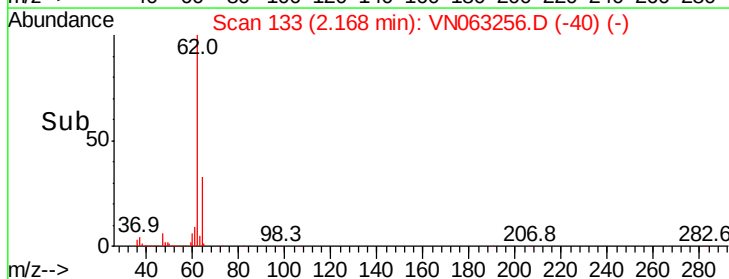
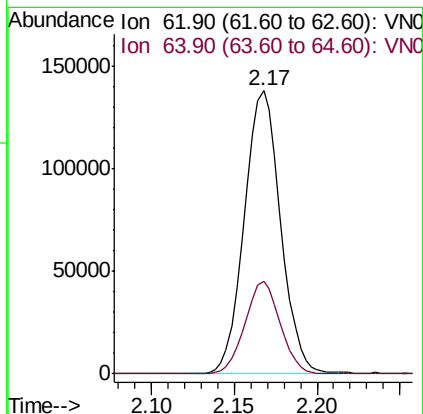
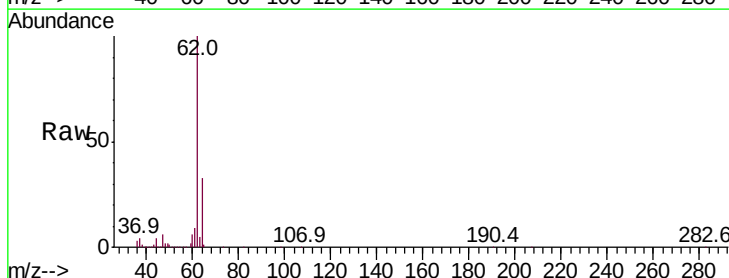
Acq: 4 Sep 2020 18:36

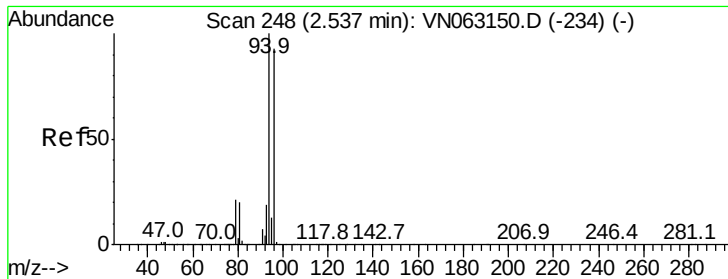
Tgt Ion: 62 Resp: 209709

Ion Ratio Lower Upper

62 100

64 32.7 25.8 38.8





#5

Bromomethane

Concen: 49.570 ug/l

RT: 2.53 min Scan# 245

Delta R.T. -0.01 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

Instrument :

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ClientSampleId :

SA-MW131I-20200901MS

Tot Ion: 94 Resp: 198517

Ion Ratio Lower Upper

94 100

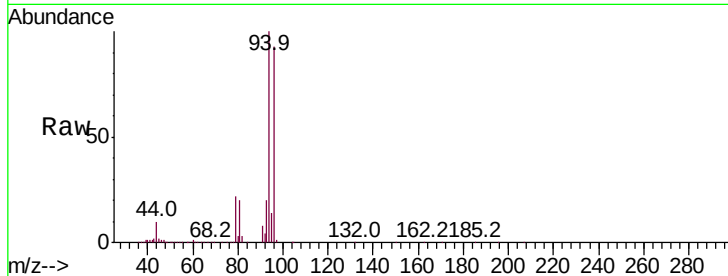
96 92.6 74.4 111.6

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VN063256.D (-155) (-)

Ion 95.90 (95.60 to 96.60): VN063256.D (-155) (-)

2.53

100000

80000

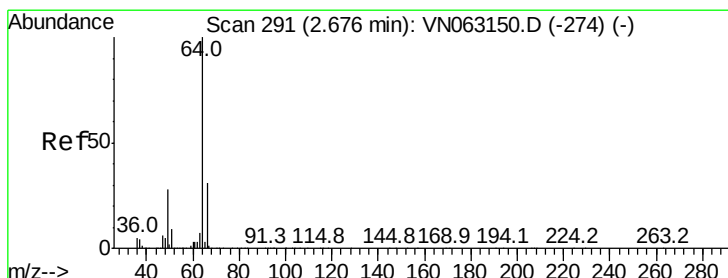
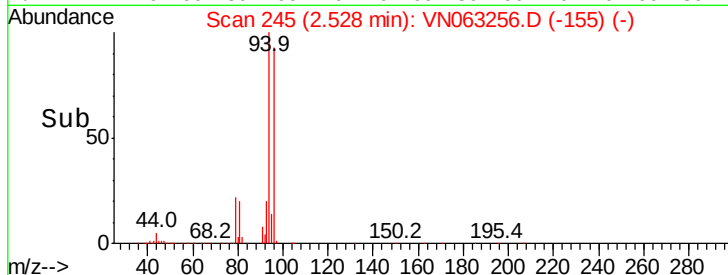
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 52.302 ug/l

RT: 2.67 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN063256.D

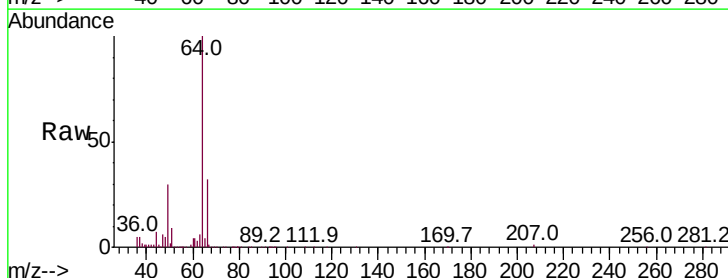
Acq: 4 Sep 2020 18:36

Tgt Ion: 64 Resp: 197844

Ion Ratio Lower Upper

64 100

66 31.8 24.7 37.1



Abundance Ion 63.90 (63.60 to 64.60): VN063256.D (-198) (-)

Ion 65.90 (65.60 to 66.60): VN063256.D (-198) (-)

120000

100000

80000

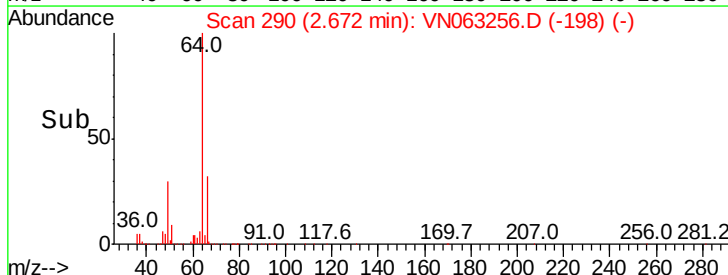
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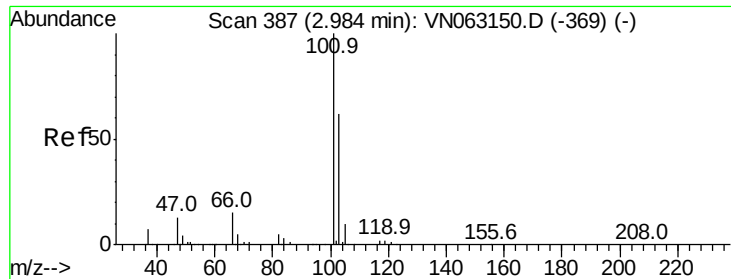
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20000

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Time-->





#7

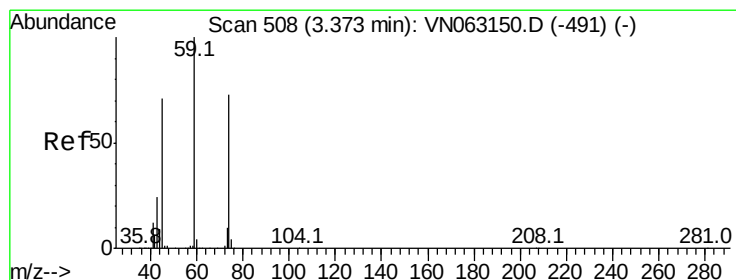
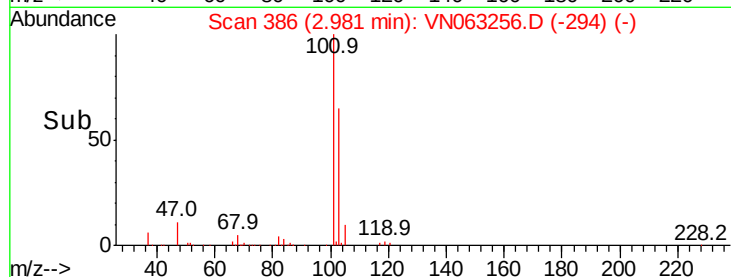
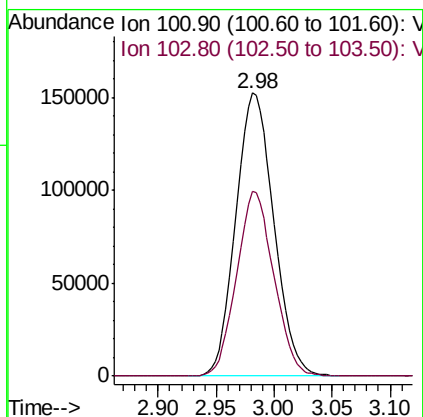
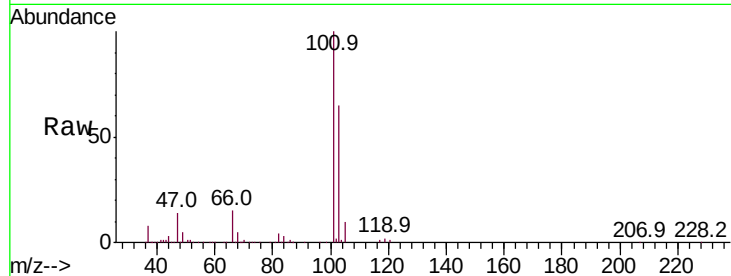
Trichlorofluoromethane
Concen: 53.228 ug/l
RT: 2.98 min Scan# 386
Delta R.T. -0.00 min
Lab File: VN063256.D
Acq: 4 Sep 2020 18:36

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SA-MW131I-20200901MS

Tot Ion:101 Resp: 347724
Ion Ratio Lower Upper
101 100
103 65.0 49.7 74.5

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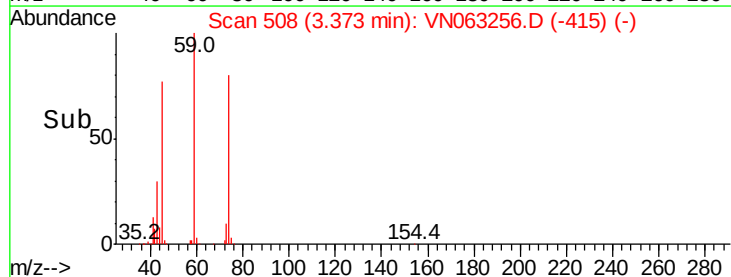
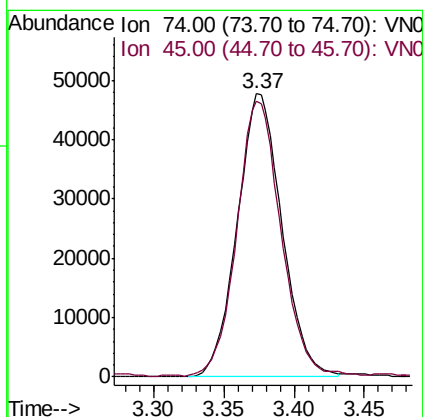
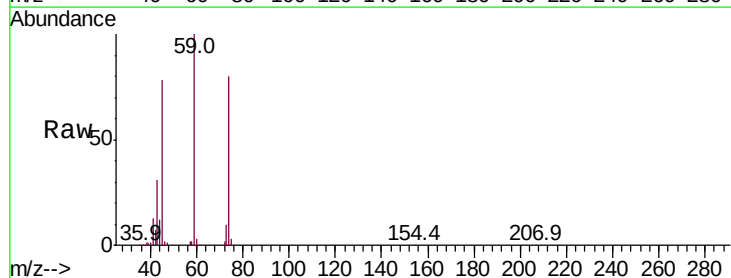
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9/8/2020 1:33:22 PM

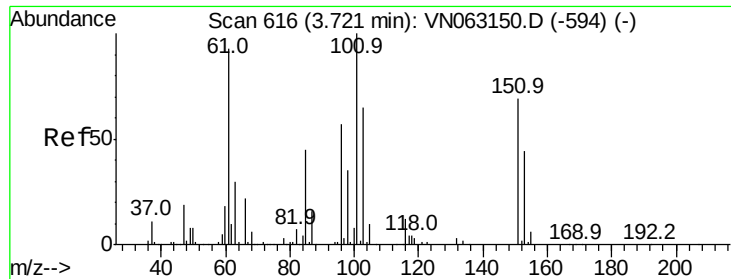


#8

Diethyl Ether
Concen: 46.350 ug/l
RT: 3.37 min Scan# 508
Delta R.T. -0.00 min
Lab File: VN063256.D
Acq: 4 Sep 2020 18:36

Tgt Ion: 74 Resp: 105507
Ion Ratio Lower Upper
74 100
45 95.8 49.5 148.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.870 ug/l

RT: 3.72 min Scan# 616

Delta R.T. -0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

Instrument :

MSVOA_N

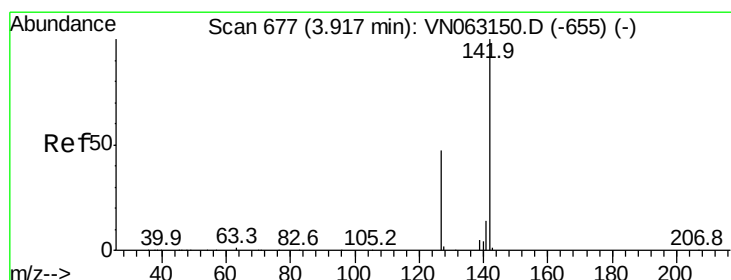
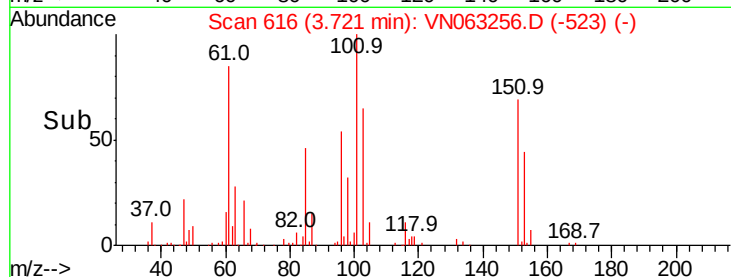
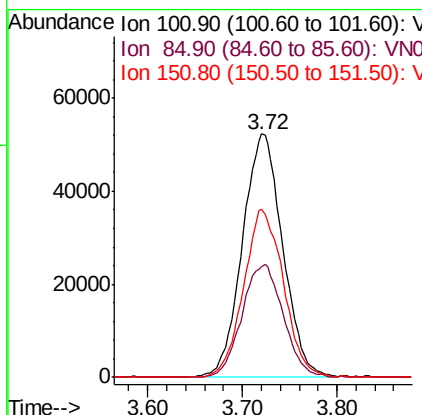
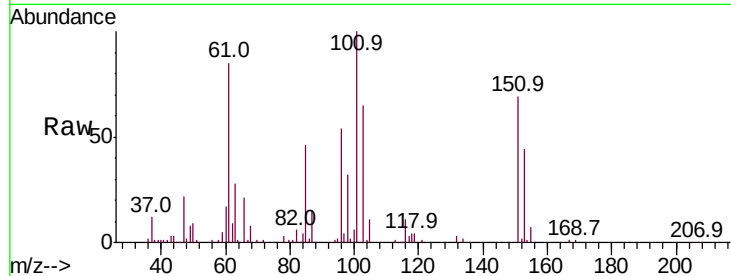
ClientSampleId :

SA-MW131I-20200901MS

Tot Ion:	101	Resp:	154802
Ion Ratio	Lower	Upper	
101	100		
85	47.5	37.8	56.8
151	68.1	55.0	82.4

Manual Integrations
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#10

Methyl Iodide

Concen: 46.176 ug/l

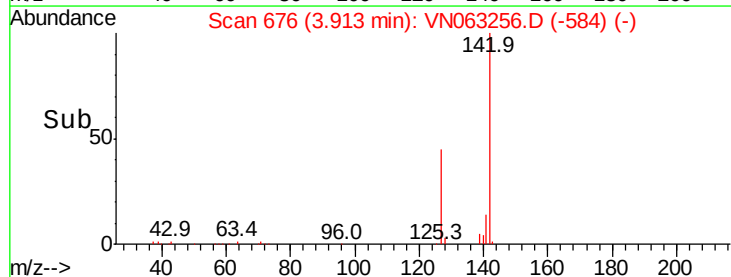
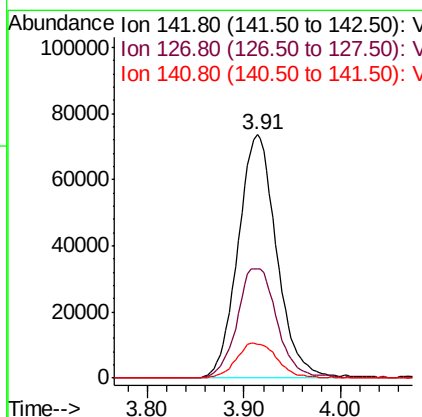
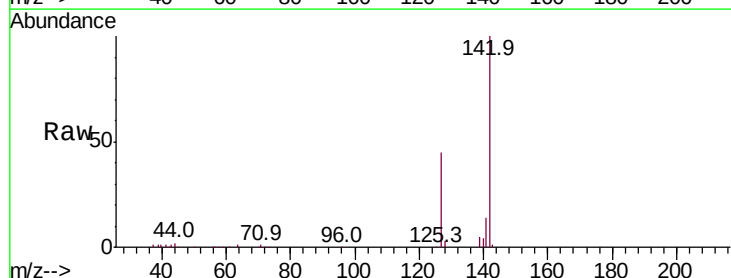
RT: 3.91 min Scan# 676

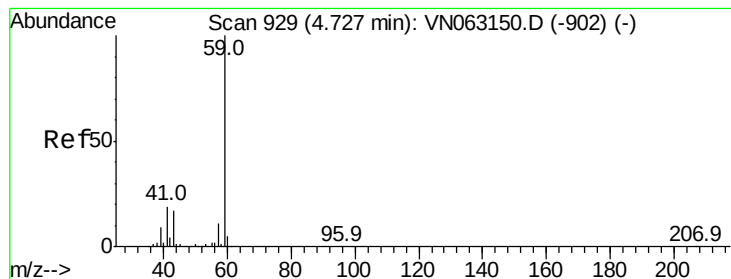
Delta R.T. -0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

Tgt Ion:	142	Resp:	203658
Ion Ratio	Lower	Upper	
142	100		
127	46.8	37.6	56.4
141	15.2	11.3	16.9





#11

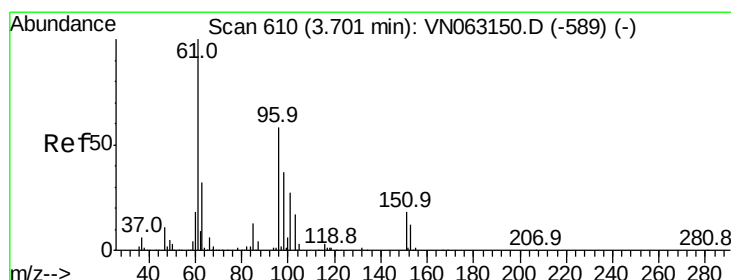
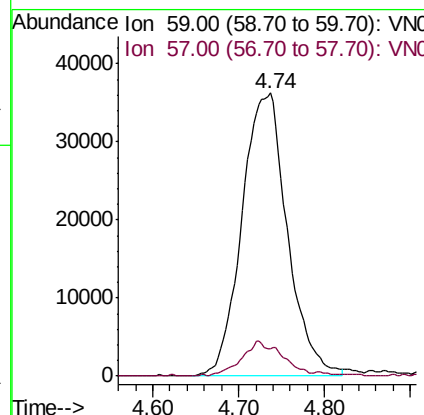
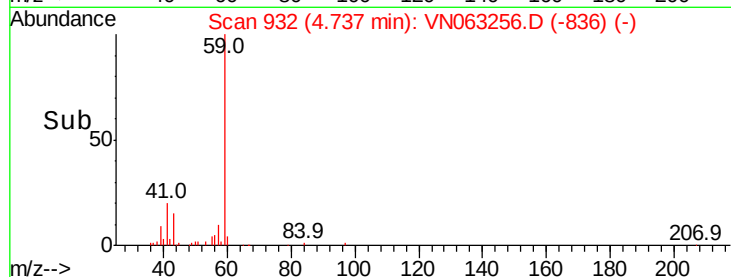
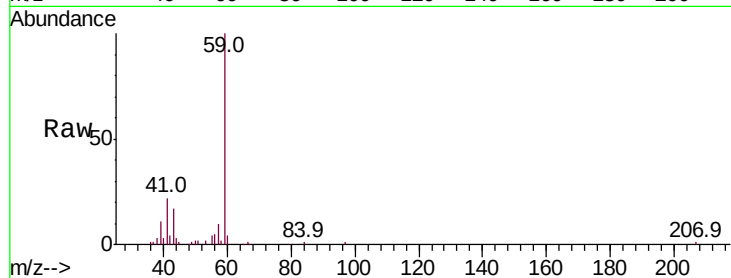
Tert butyl alcohol
Concen: 220.874 ug/l
RT: 4.74 min Scan# 932
Delta R.T. 0.01 min
Lab File: VN063256.D
Acq: 4 Sep 2020 18:36

Instrument :
MSVOA_N
ClientSampleId :
SA-MW131I-20200901MS

Tot Ion: 59 Resp: 133109
Ion Ratio Lower Upper
59 100
57 7.2 8.4 12.6#

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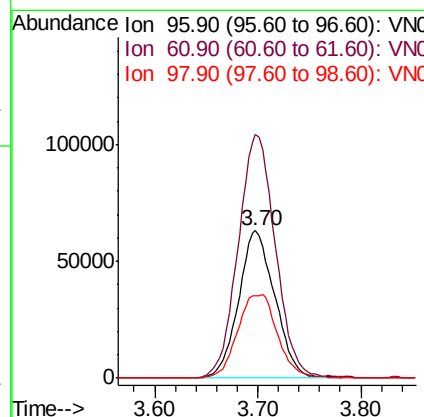
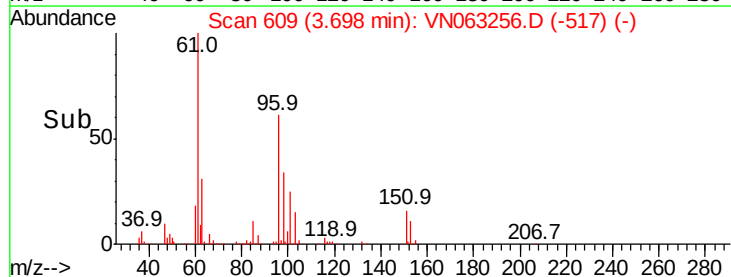
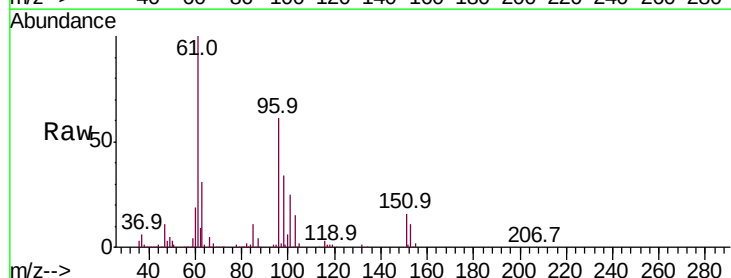
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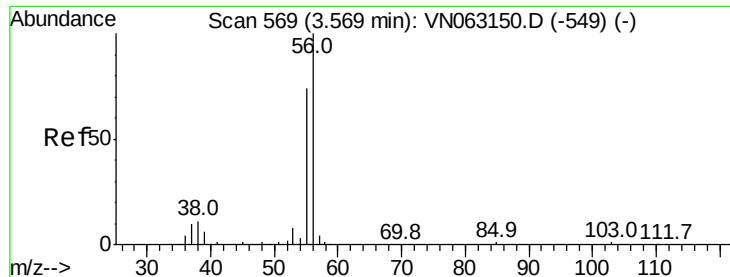


#12

1,1-Dichloroethene
Concen: 47.058 ug/l
RT: 3.70 min Scan# 609
Delta R.T. -0.00 min
Lab File: VN063256.D
Acq: 4 Sep 2020 18:36

Tgt Ion: 96 Resp: 155061
Ion Ratio Lower Upper
96 100
61 165.2 137.4 206.2
98 56.0 50.5 75.7





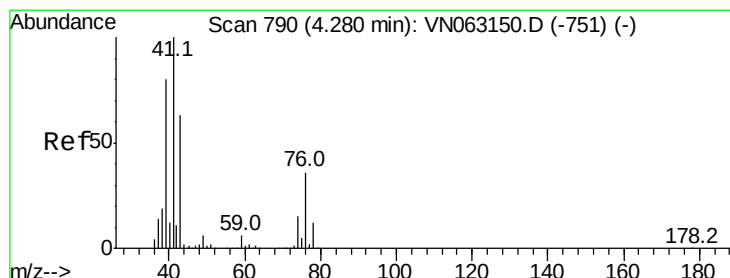
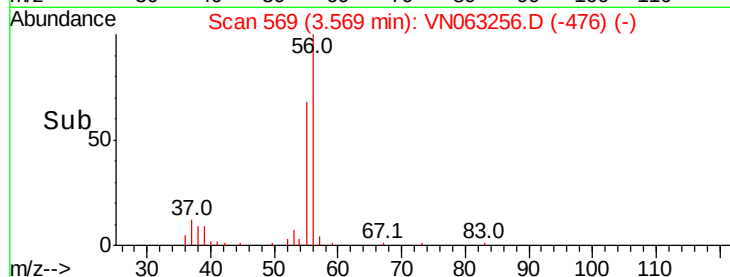
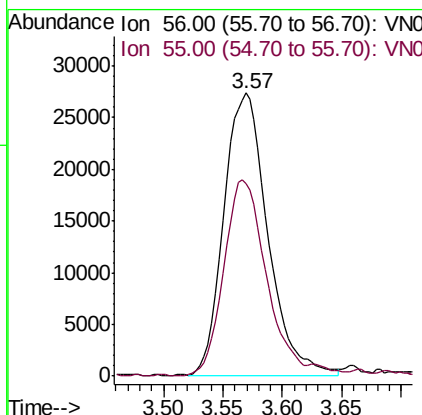
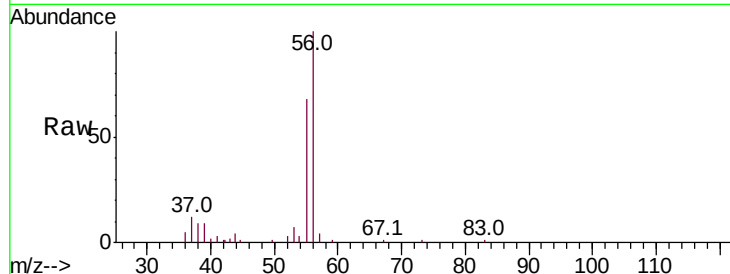
#13
 Acrolein
 Concen: 302.732 ug/l
 RT: 3.57 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: VN063256.D
 Acq: 4 Sep 2020 18:36

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-MW131I-20200901MS

Tot Ion: 56 Resp: 70273
 Ion Ratio Lower Upper
 56 100
 55 66.6 55.4 83.0

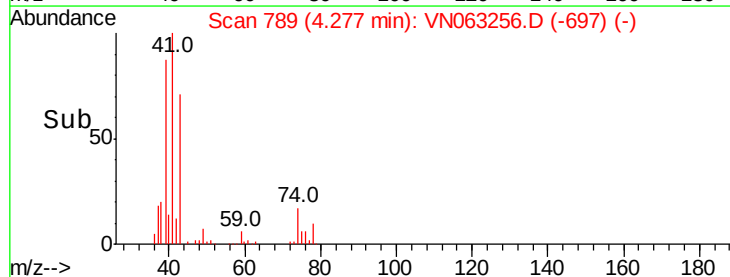
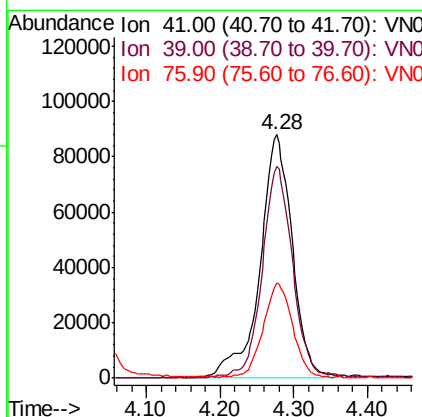
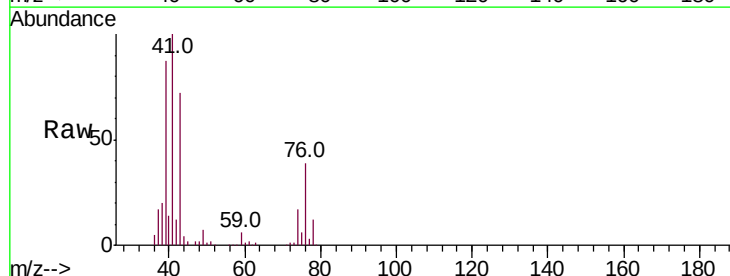
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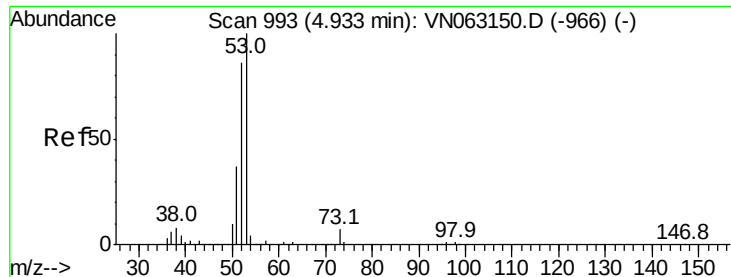
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#14
 Allyl chloride
 Concen: 45.578 ug/l
 RT: 4.28 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: VN063256.D
 Acq: 4 Sep 2020 18:36

Tgt Ion: 41 Resp: 266730
 Ion Ratio Lower Upper
 41 100
 39 81.3 60.2 90.2
 76 34.9 27.7 41.5





#15

Acrylonitrile

Concen: 247.870 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

Instrument :

MSVOA_N

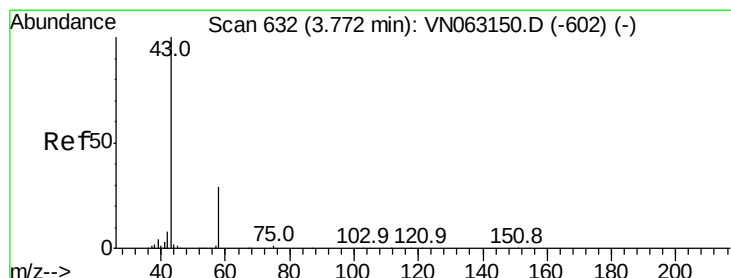
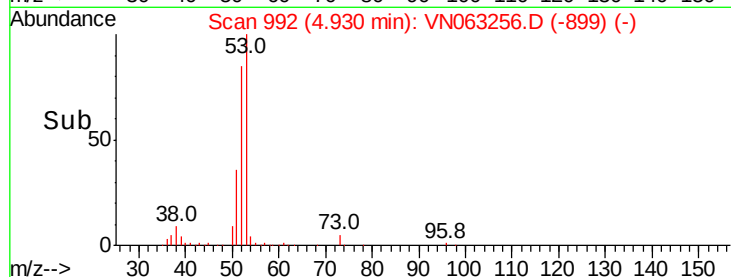
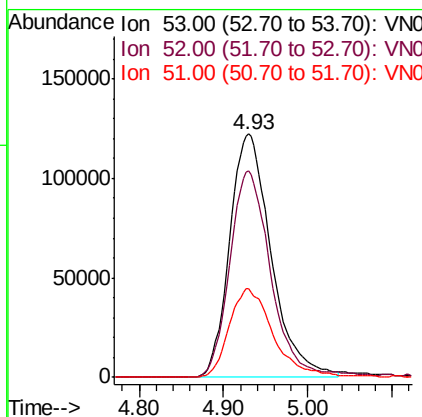
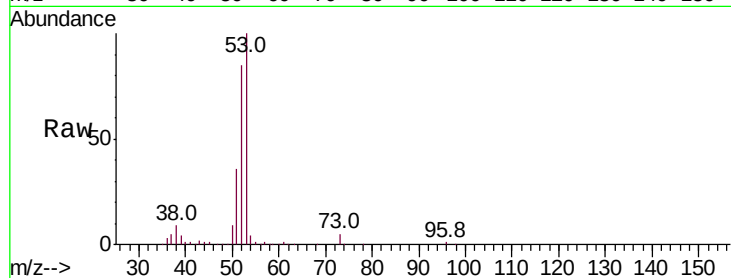
ClientSampleId :

SA-MW131I-20200901MS

Tot Ion:	53	Resp:	418391
Ion Ratio	Lower	Upper	
53	100		
52	84.2	67.2	100.8
51	38.5	30.2	45.4

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#16

Acetone

Concen: 251.491 ug/l

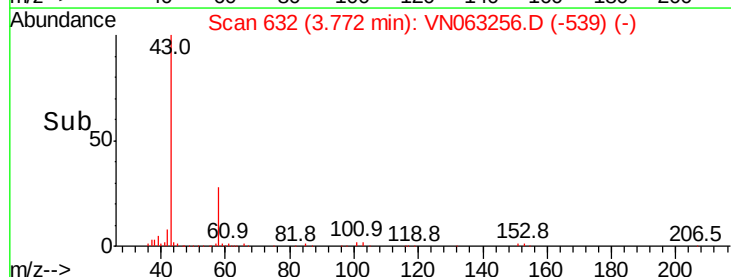
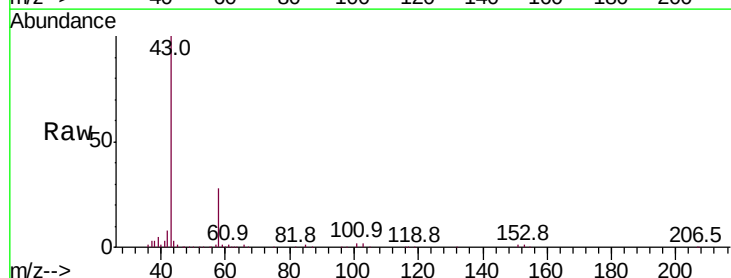
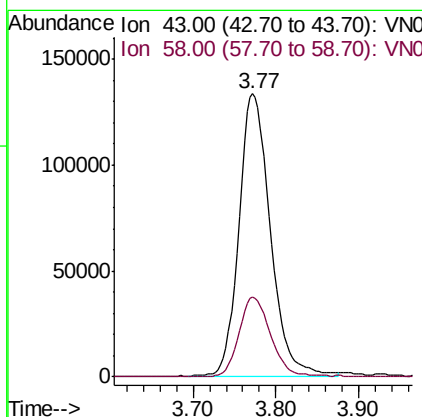
RT: 3.77 min Scan# 632

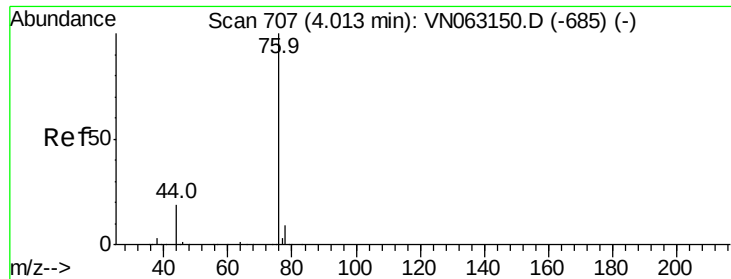
Delta R.T. -0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

Tgt Ion:	43	Resp:	350993
Ion Ratio	Lower	Upper	
43	100		
58	28.0	23.1	34.7





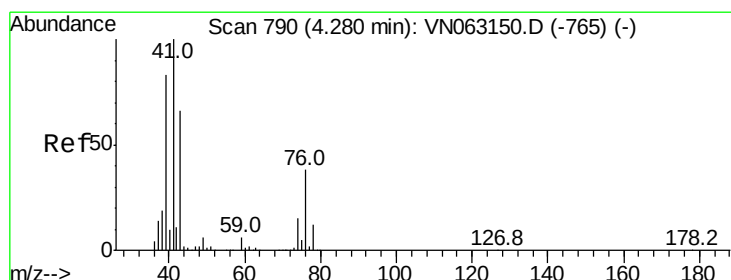
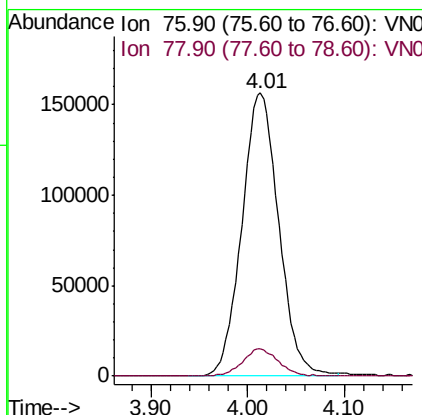
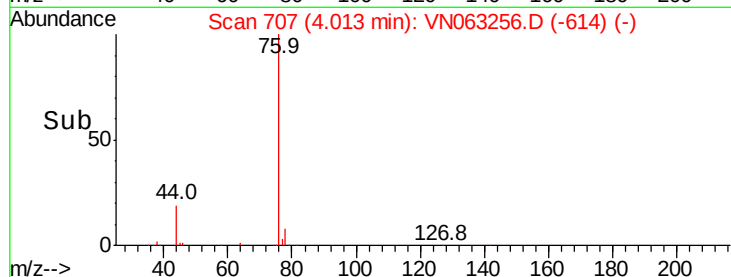
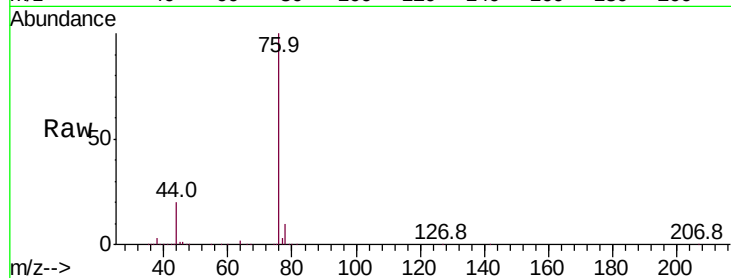
#17
Carbon Disulfide
Concen: 42.324 ug/l
RT: 4.01 min Scan# 707
Delta R.T. -0.00 min
Lab File: VN063256.D
Acq: 4 Sep 2020 18:36

Instrument :
MSVOA_N
ClientSampleId :
SA-MW131I-20200901MS

Tot Ion: 76 Resp: 415107
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3

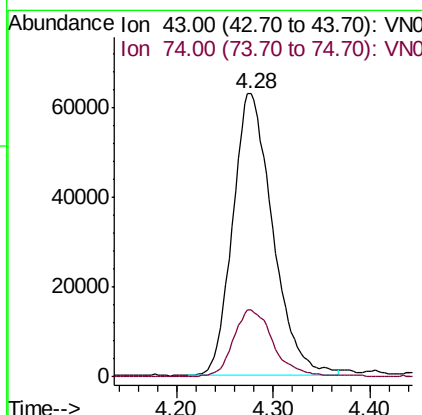
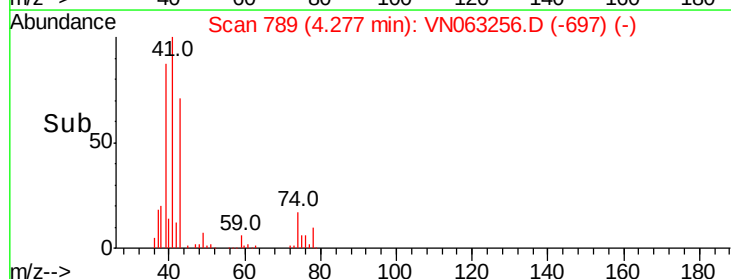
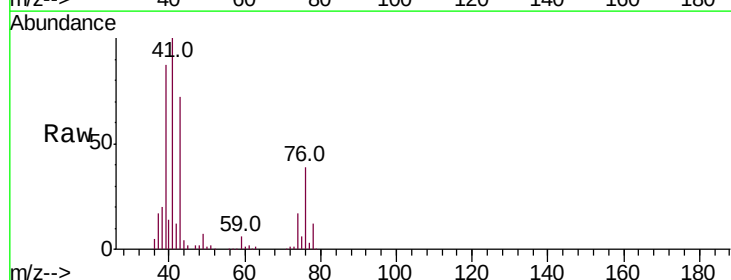
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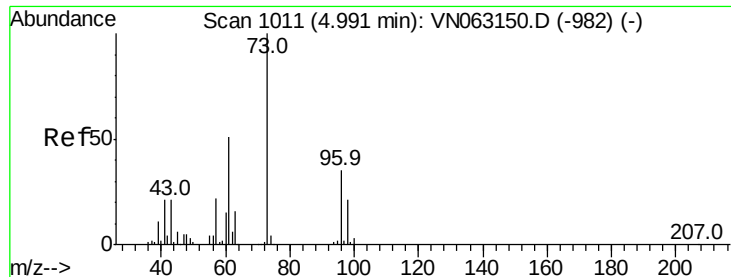
MMDadoda
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#18
Methyl Acetate
Concen: 50.343 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063256.D
Acq: 4 Sep 2020 18:36

Tgt Ion: 43 Resp: 180154
Ion Ratio Lower Upper
43 100
74 23.9 19.0 28.6





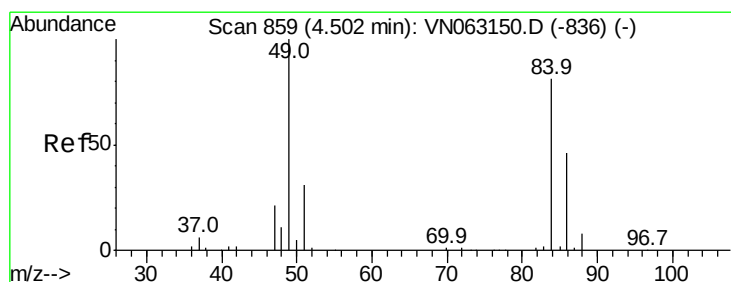
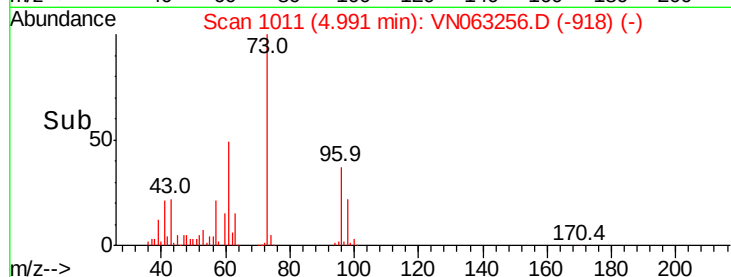
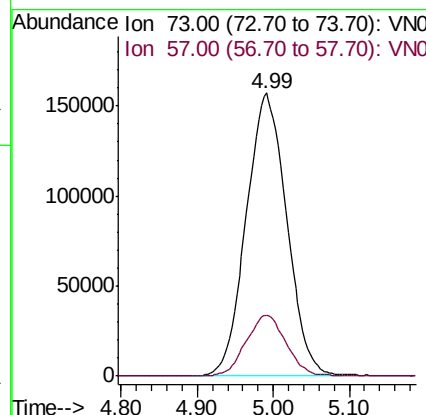
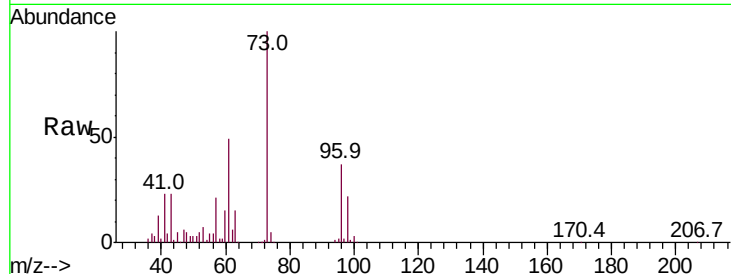
#19
Methvl tert-butvl Ether
Concen: 47.615 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN063256.D
Acq: 4 Sep 2020 18:36

Instrument :
MSVOA_N
ClientSampleId :
SA-MW131I-20200901MS

Tot Ion: 73 Resp: 582035
Ion Ratio Lower Upper
73 100
57 21.3 17.6 26.4

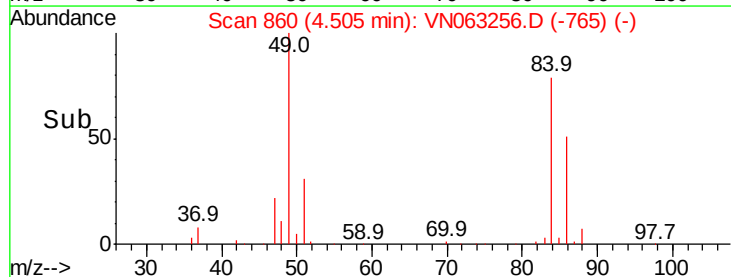
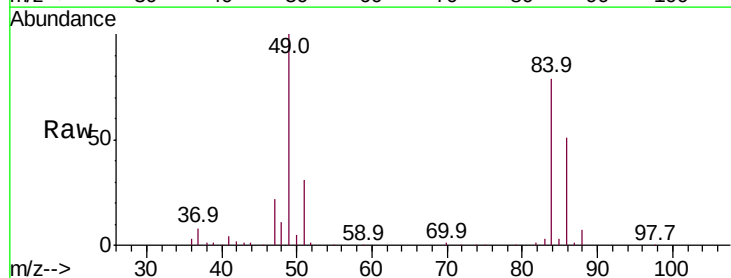
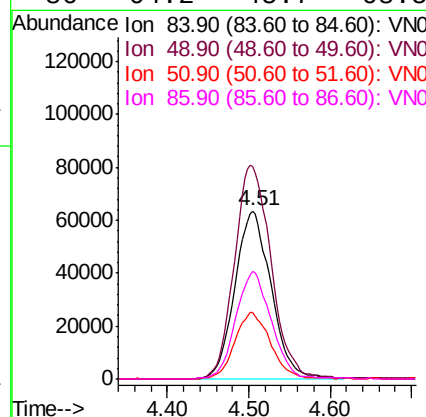
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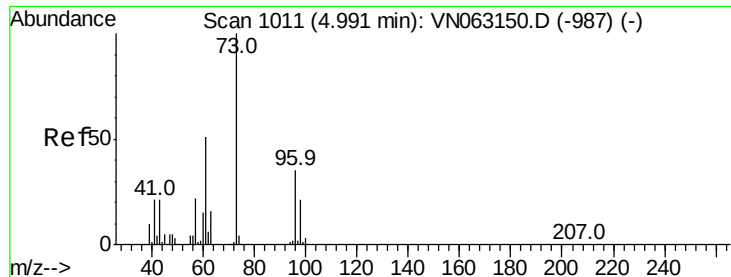
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#20
Methylene Chloride
Concen: 50.046 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063256.D
Acq: 4 Sep 2020 18:36

Tgt Ion: 84 Resp: 196398
Ion Ratio Lower Upper
84 100
49 126.3 98.4 147.6
51 39.2 30.4 45.6
86 64.2 45.7 68.5





#21

trans-1,2-Dichloroethene

Concen: 50.225 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

Instrument :

MSVOA_N

ClientSampleId :

SA-MW131I-20200901MS

Tot Ion: 96 Resp: 182844

Ion Ratio Lower Upper

96 100

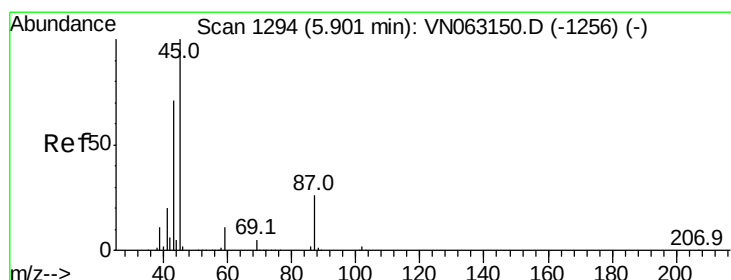
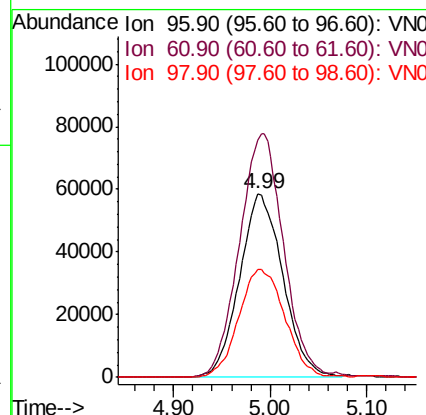
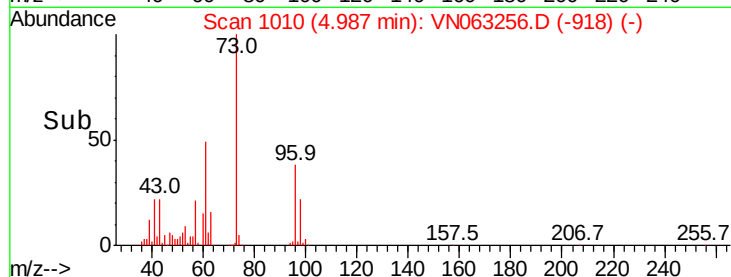
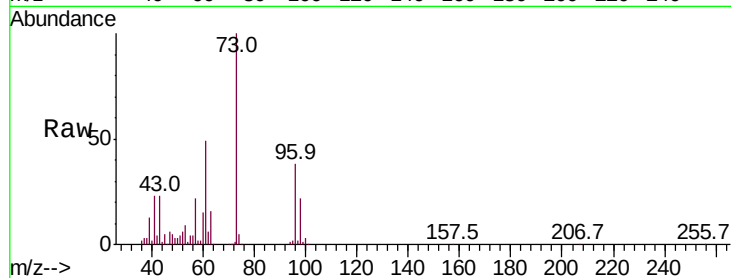
61 129.0 116.2 174.4

98 58.8 48.0 72.0

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#22

Diisopropyl ether

Concen: 48.061 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

Tgt Ion: 45 Resp: 630276

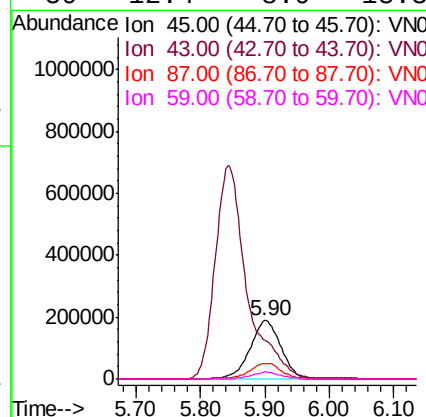
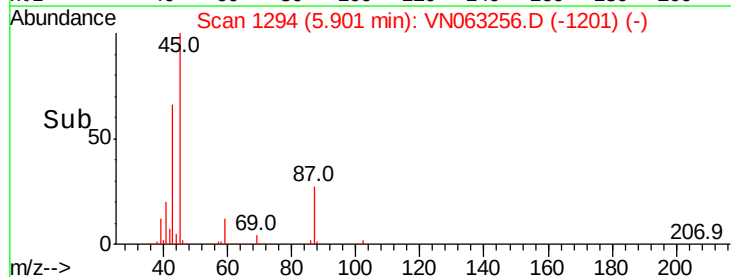
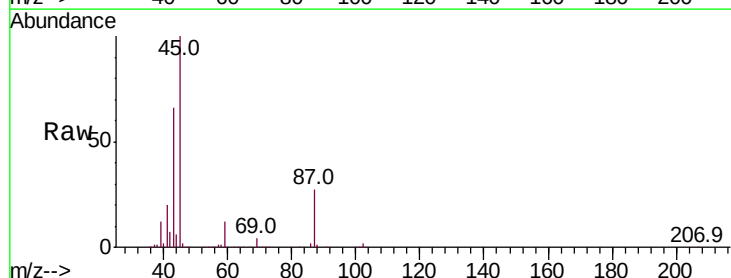
Ion Ratio Lower Upper

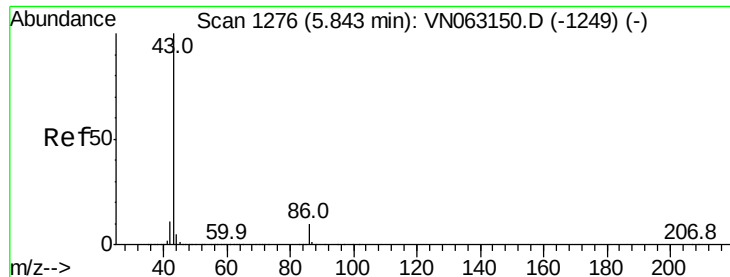
45 100

43 64.8 56.8 85.2

87 26.7 21.1 31.7

59 12.4 8.9 13.3





#23

Vinyl Acetate

Concen: 226.236 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

Instrument :

MSVOA_N

ClientSampleId :

SA-MW131I-20200901MS

Tot Ion: 43 Resp: 2367335

Ion Ratio Lower Upper

43 100

86 10.2

8.3

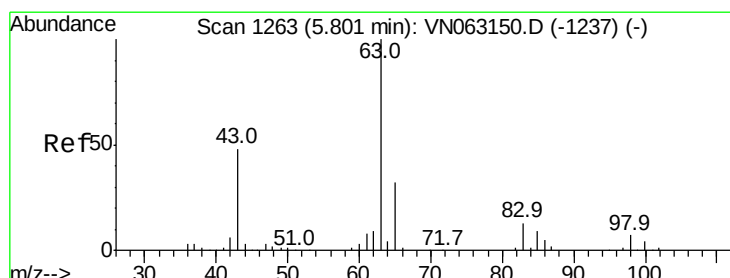
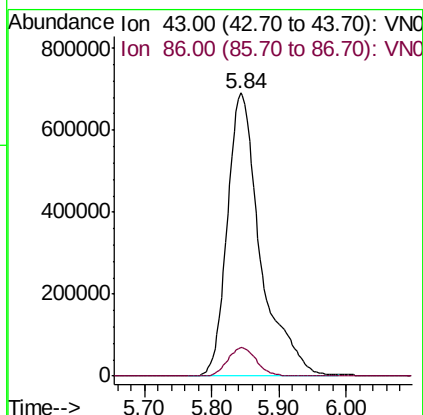
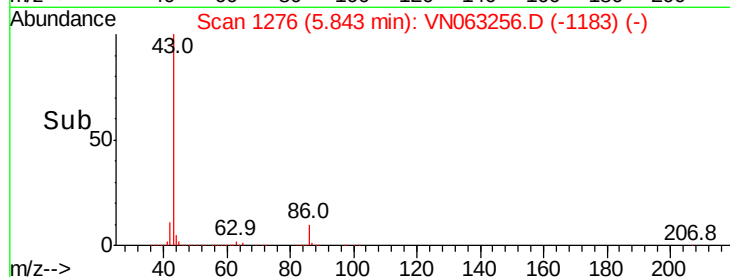
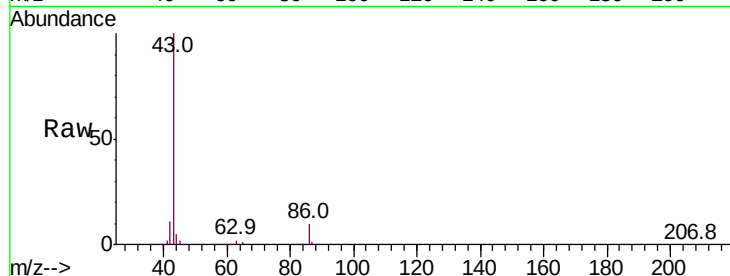
12.5

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#24

1,1-Dichloroethane

Concen: 48.540 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. -0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

Tgt Ion: 63 Resp: 350923

Ion Ratio Lower Upper

63 100

98 6.6

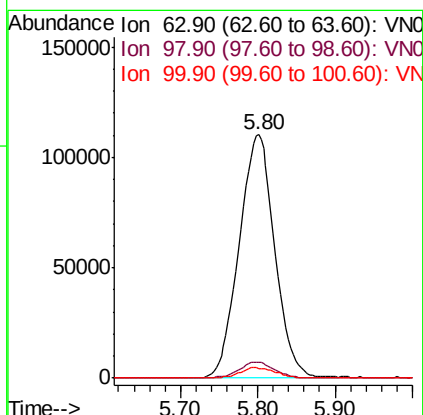
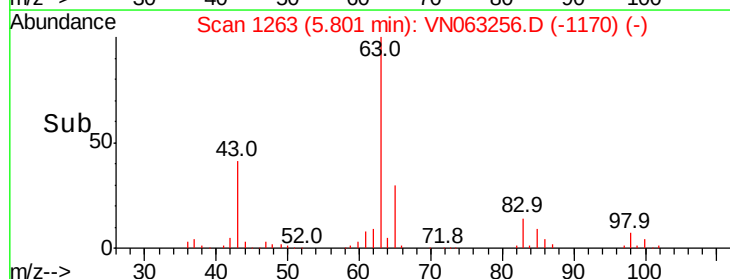
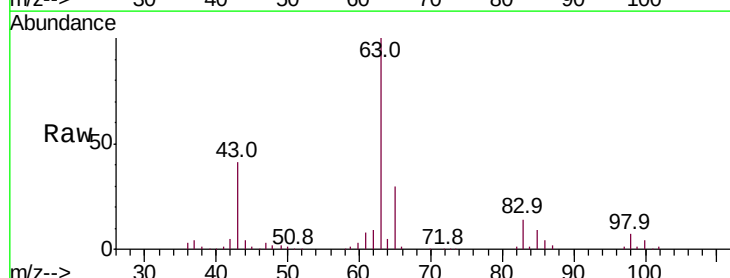
3.4

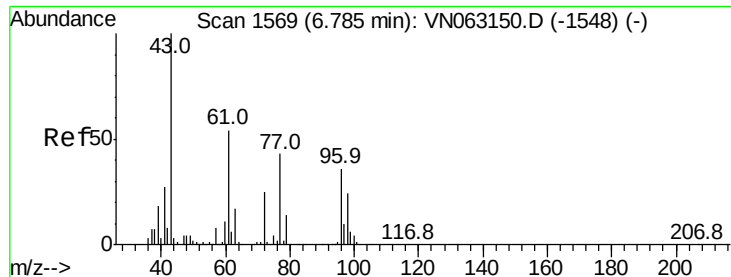
10.1

100 3.8

2.3

6.8





#25

2-Butanone

Concen: 263.472 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. -0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

Instrument :

MSVOA_N

ClientSampleId :

SA-MW131I-20200901MS

Tot Ion: 43 Resp: 569369

Ion Ratio Lower Upper

43 100

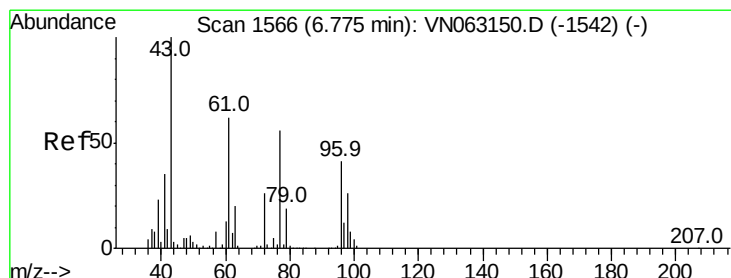
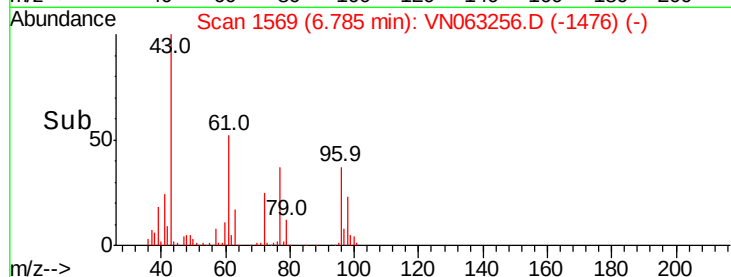
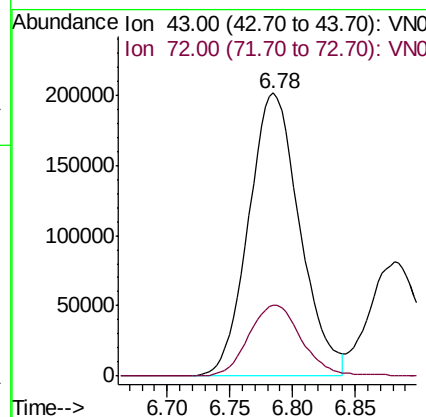
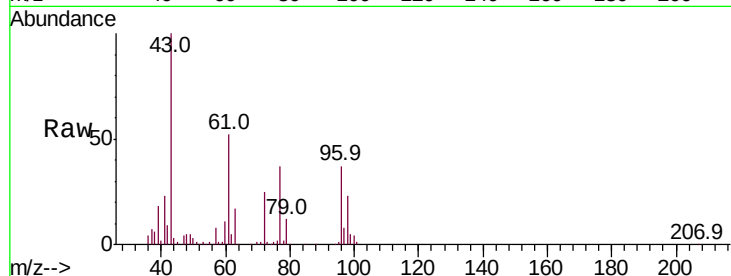
72 25.2 20.2 30.4

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#26

2,2-Dichloropropane

Concen: 38.031 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN063256.D

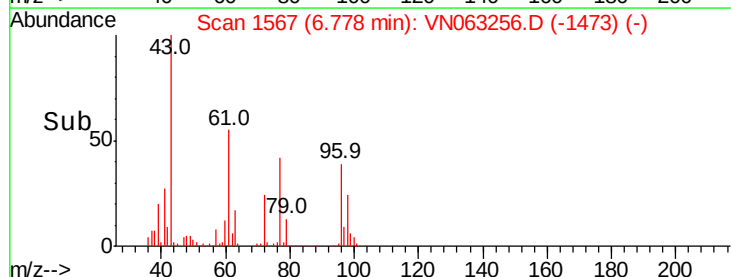
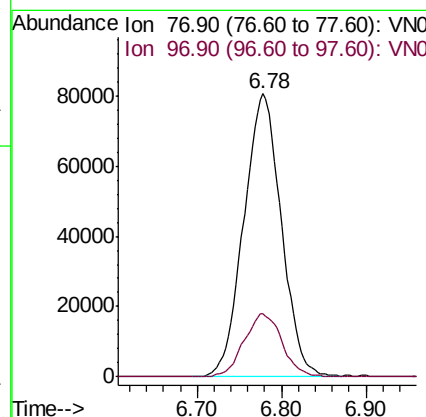
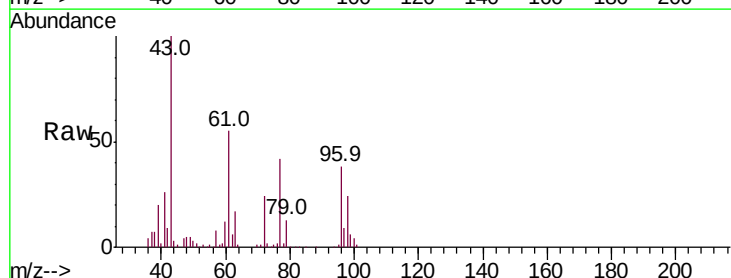
Acq: 4 Sep 2020 18:36

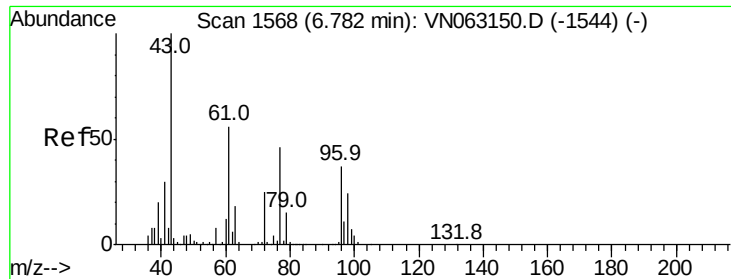
Tgt Ion: 77 Resp: 249108

Ion Ratio Lower Upper

77 100

97 22.6 10.7 31.9





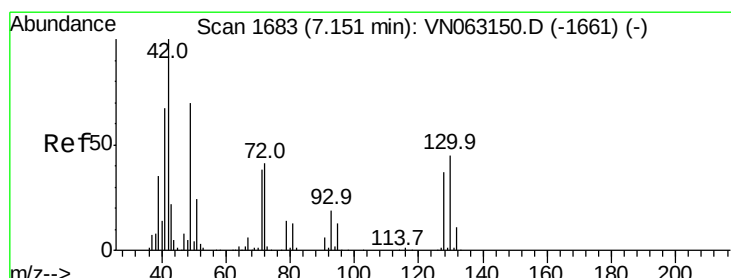
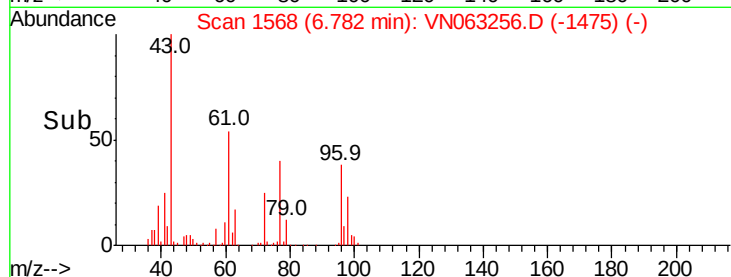
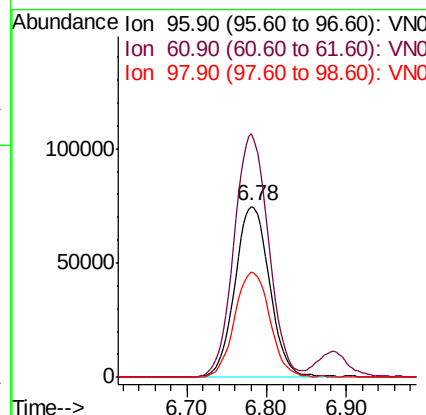
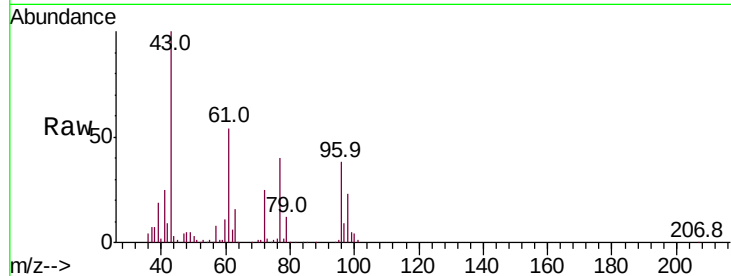
#27
 cis-1,2-Dichloroethene
 Concen: 49.618 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: VN063256.D
 Acq: 4 Sep 2020 18:36

Instrument :
 MSVOA_N
 ClientSampled :
 SA-MW131I-20200901MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	21957		
61	141.8		0.0	303.2
98	62.3		0.0	129.0

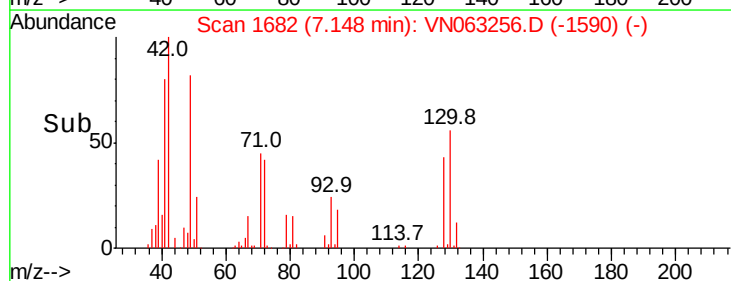
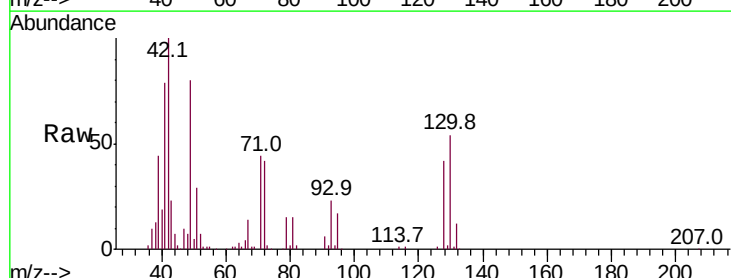
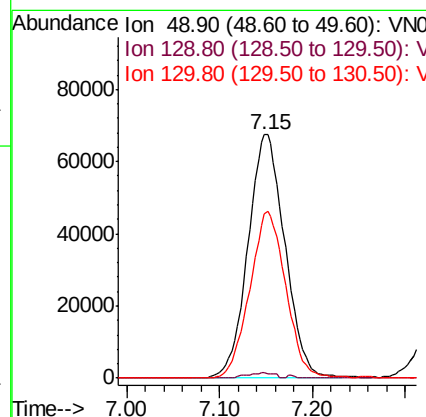
Manual Integrations
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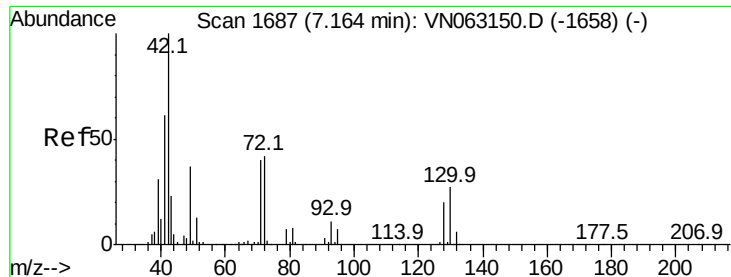
MMDadoda
 9/8/2020 1:33:22 PM



#28
 Bromochloromethane
 Concen: 49.300 ug/l
 RT: 7.15 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: VN063256.D
 Acq: 4 Sep 2020 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	186211		
129	1.7		0.0	4.0
130	66.9		54.4	81.6





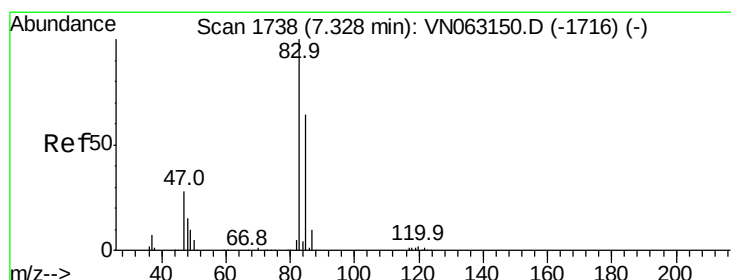
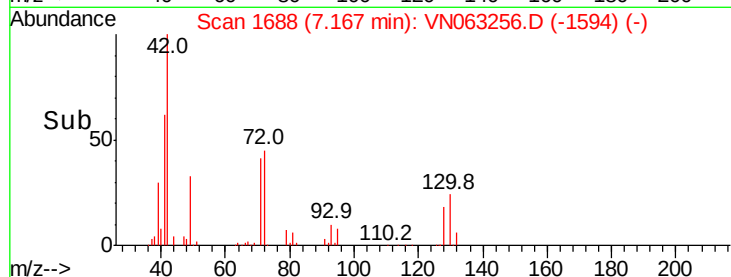
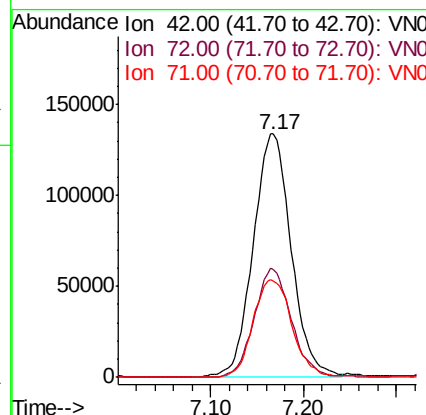
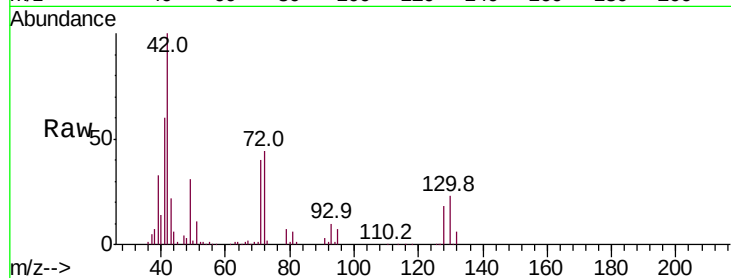
#29
Tetrahydrofuran
Concen: 253.862 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN063256.D
Acq: 4 Sep 2020 18:36

Instrument :
MSVOA_N
ClientSampleId :
SA-MW131I-20200901MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.8	33.9	50.9
71	41.3	31.9	47.9

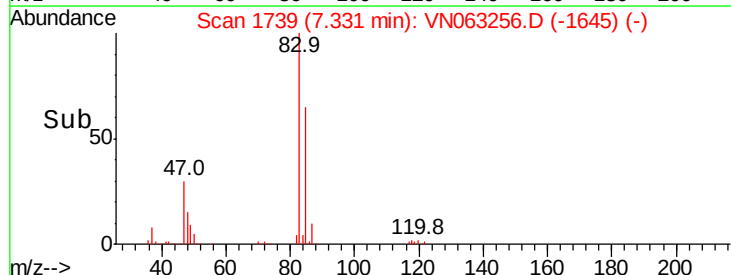
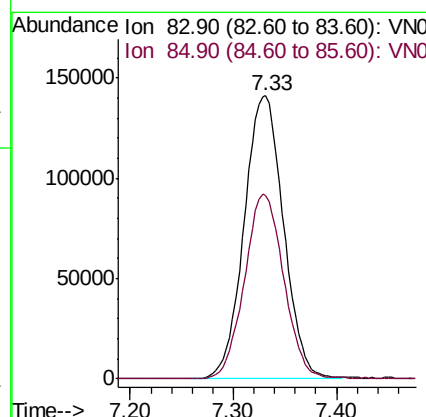
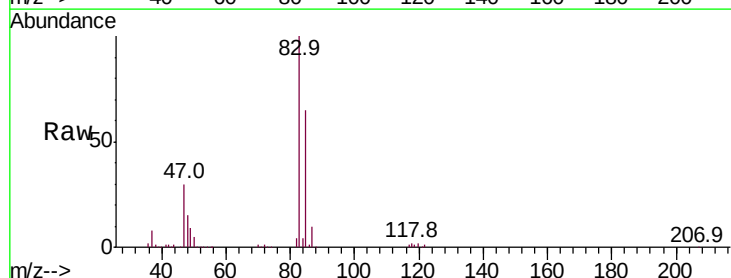
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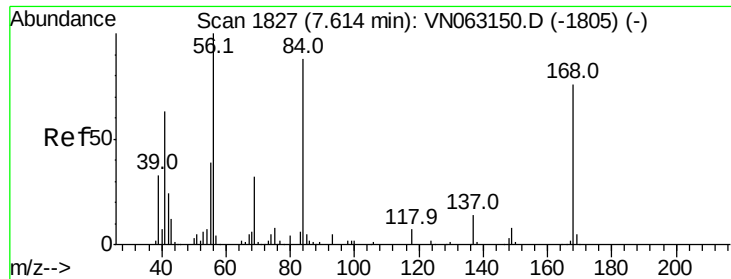
MMDadoda
9/8/2020 1:33:22 PM



#30
Chloroform
Concen: 49.542 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN063256.D
Acq: 4 Sep 2020 18:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.0	76.6





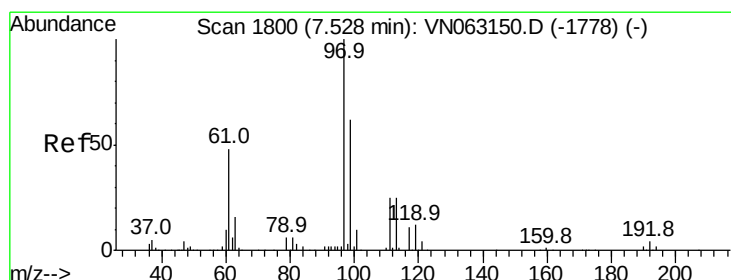
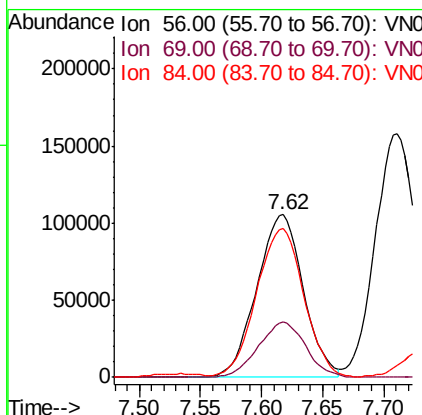
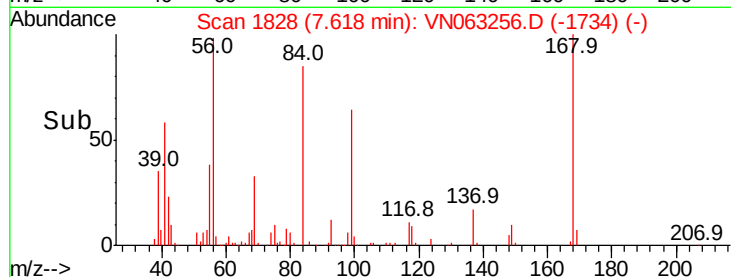
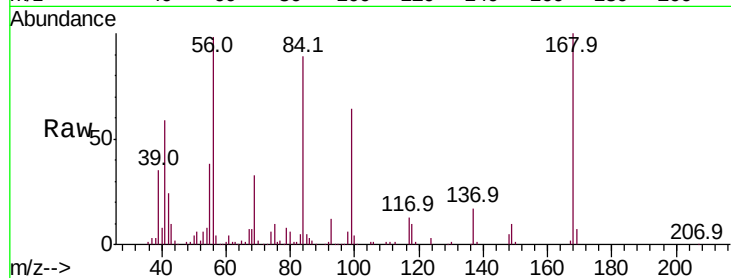
#31
Cyclohexane
Concen: 43.692 ug/l
RT: 7.62 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN063256.D
Acq: 4 Sep 2020 18:36

Instrument :
MSVOA_N
ClientSampleId :
SA-MW131I-20200901MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.1	25.4	38.0
84	89.5	70.2	105.4

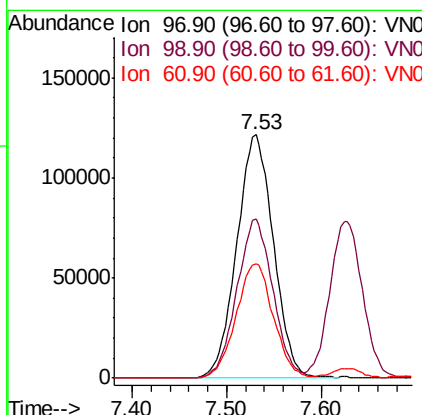
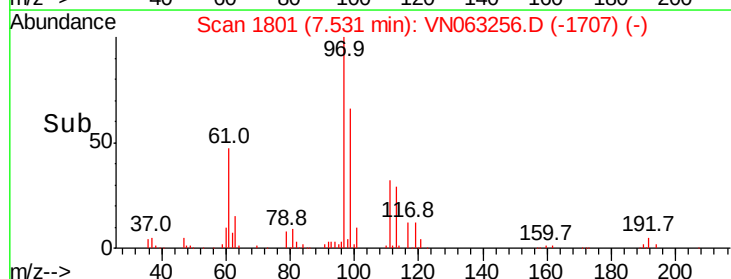
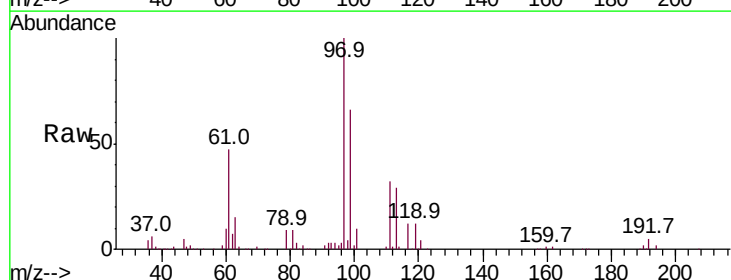
Manual Integrations
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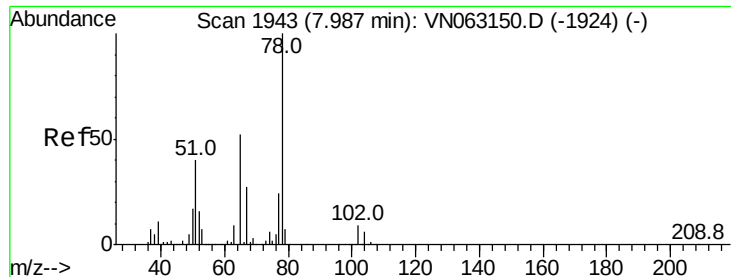
MMDadoda
9/8/2020 1:33:22 PM



#32
1,1,1-Trichloroethane
Concen: 50.398 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN063256.D
Acq: 4 Sep 2020 18:36

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	50.8	76.2
61	47.6	37.4	56.2





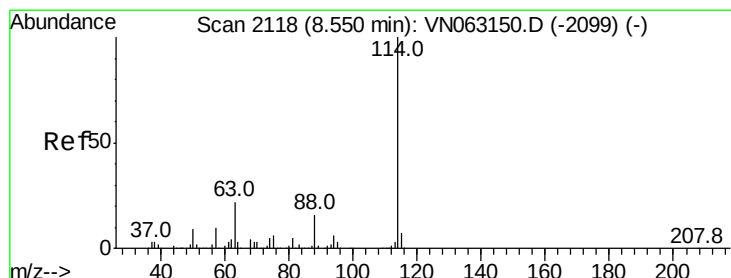
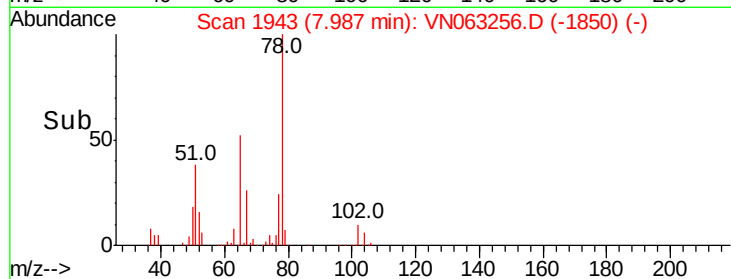
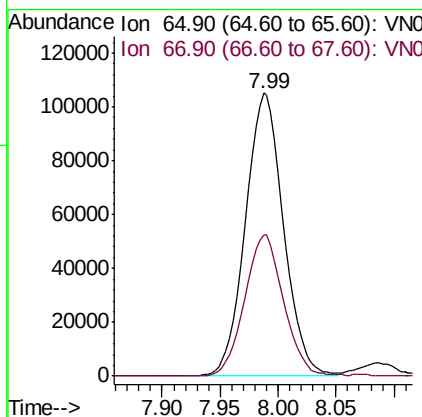
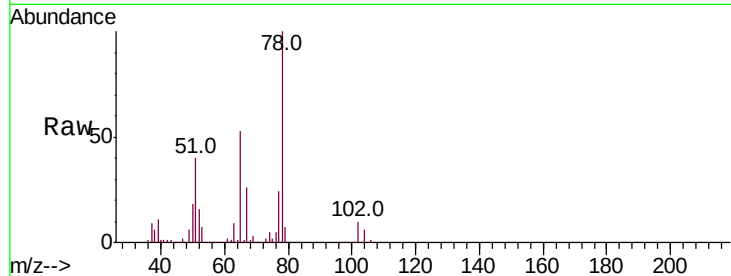
#33
 1,2-Dichloroethane-d4
 Concen: 49.000 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063256.D
 Acq: 4 Sep 2020 18:36

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-MW131I-20200901MS

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	104.4

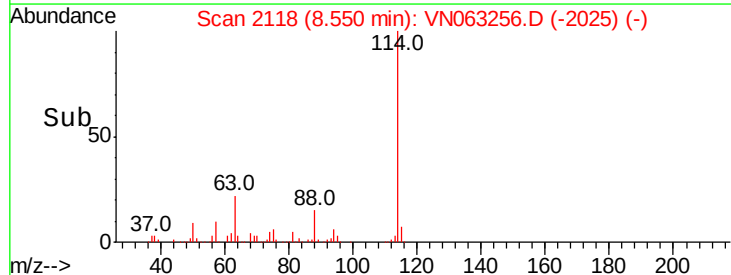
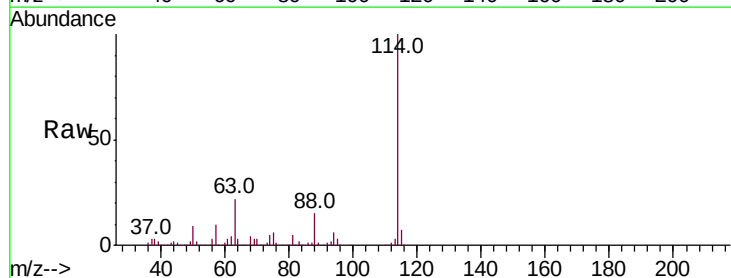
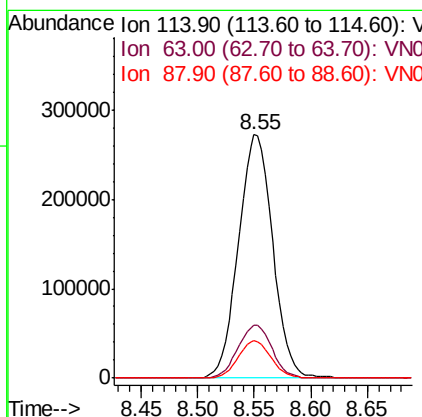
Manual Integrations
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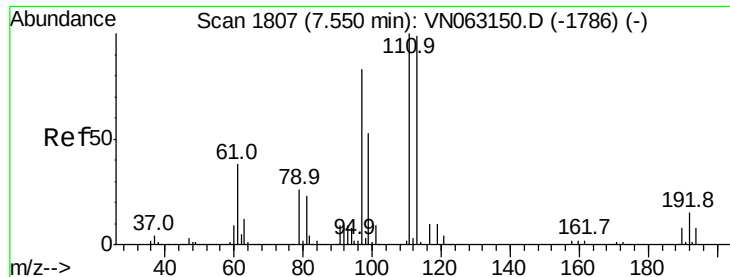
MMDadoda
 9/8/2020 1:33:22 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063256.D
 Acq: 4 Sep 2020 18:36

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	43.0
88	15.2	0.0	31.6





#35

Dibromofluoromethane

Concen: 48.288 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

Instrument :

MSVOA_N

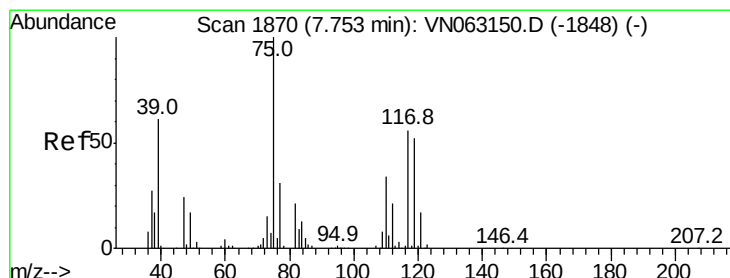
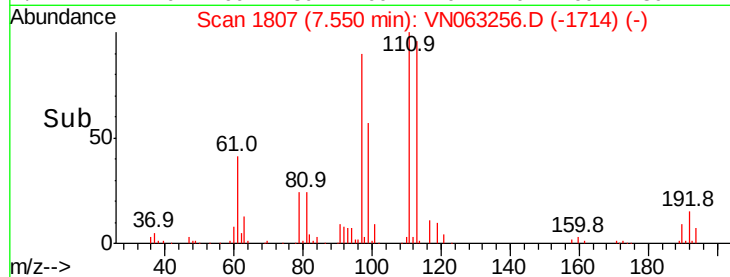
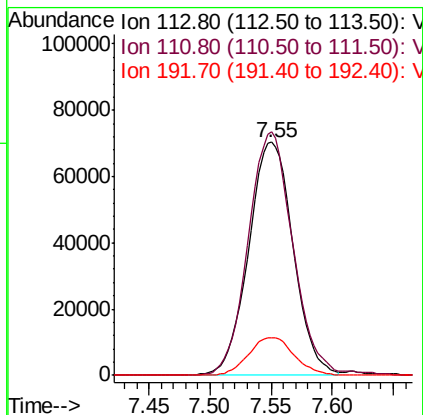
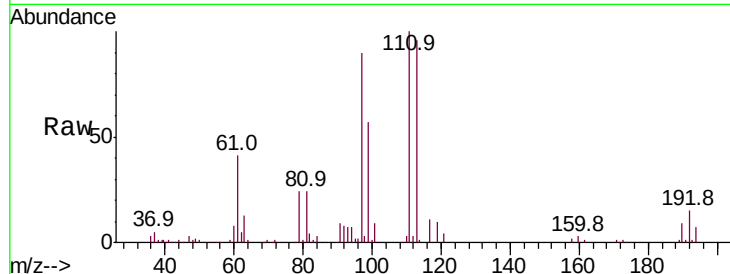
ClientSampleId :

SA-MW131I-20200901MS

Tot Ion:	113	Resp:	178163
Ion Ratio	Lower	Upper	
113	100		
111	104.7	80.7	121.1
192	16.6	12.6	19.0

Manual Integrations
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9/8/2020 1:33:22 PM



#36

1,1-Dichloropropene

Concen: 48.312 ug/l

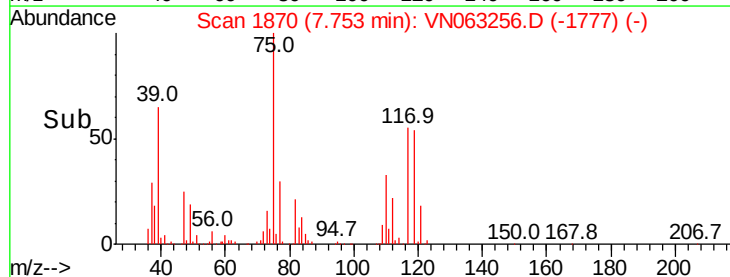
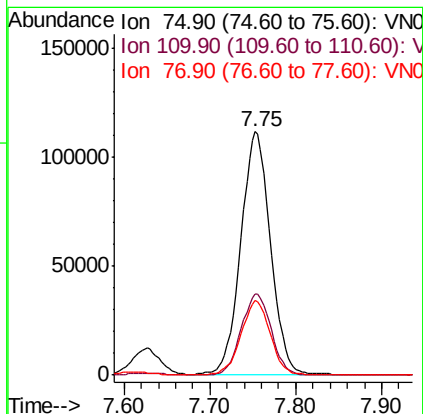
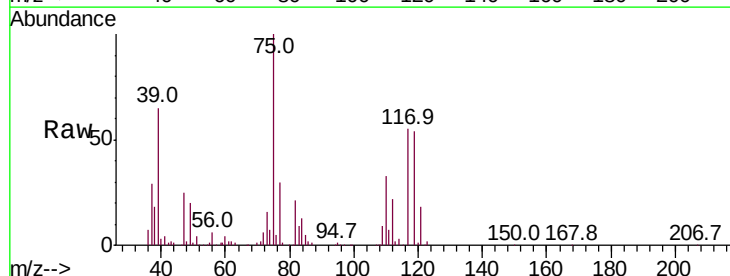
RT: 7.75 min Scan# 1870

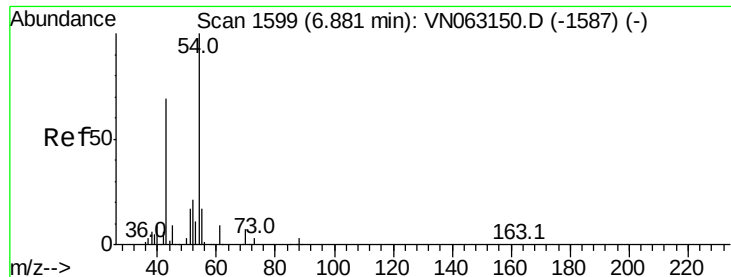
Delta R.T. -0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

Tgt Ion:	75	Resp:	267104
Ion Ratio	Lower	Upper	
75	100		
110	33.7	16.6	49.8
77	30.6	25.4	38.2





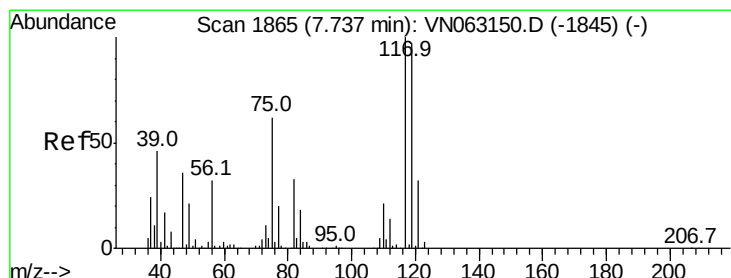
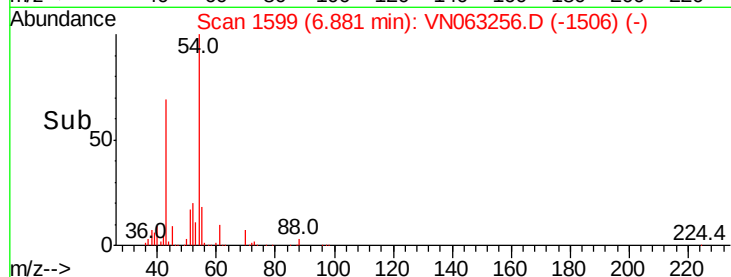
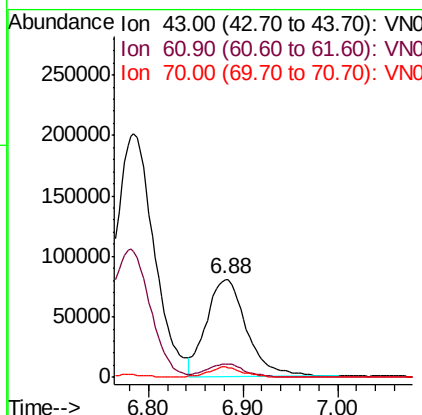
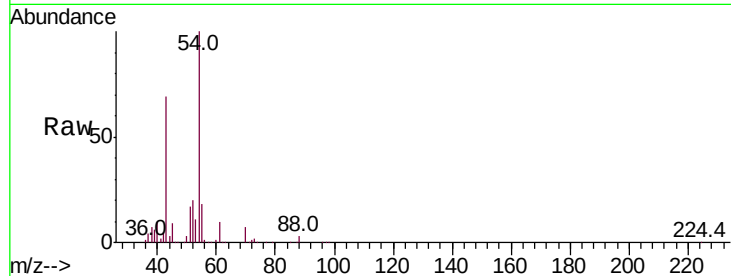
#37
Ethyl Acetate
Concen: 45.297 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN063256.D
Acq: 4 Sep 2020 18:36

Instrument :
MSVOA_N
ClientSampleId :
SA-MW131I-20200901MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.7	10.2	15.4
70	8.8	3.0	4.6

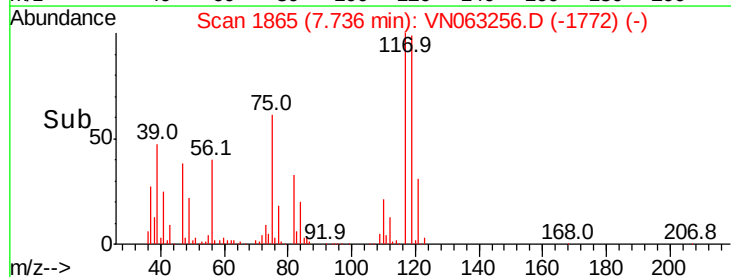
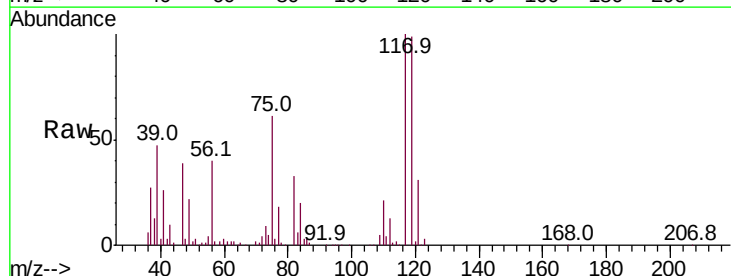
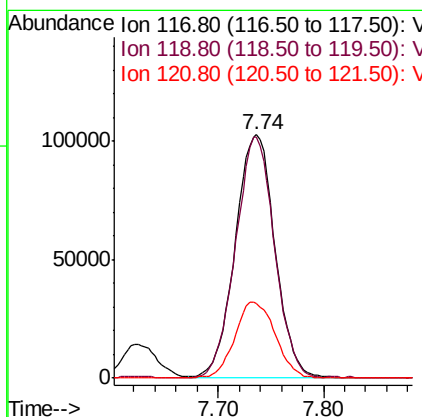
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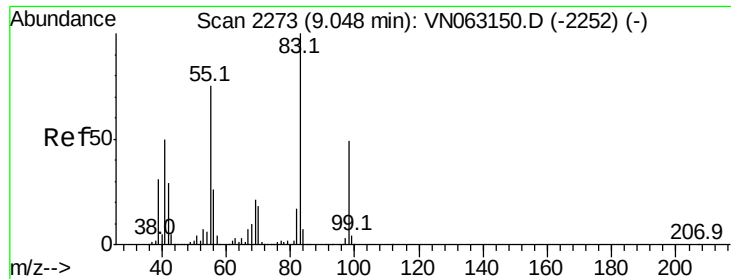
MMDadoda
9/8/2020 1:33:22 PM



#38
Carbon Tetrachloride
Concen: 47.880 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN063256.D
Acq: 4 Sep 2020 18:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.9	77.2	115.8
121	30.7	25.6	38.4





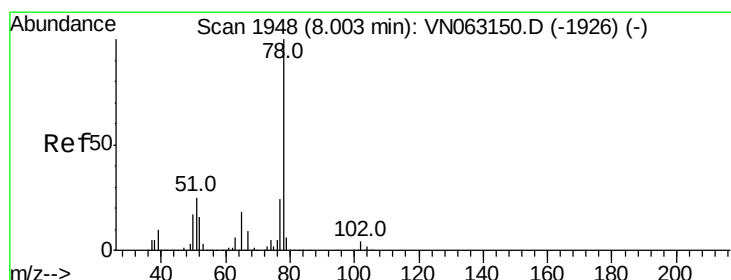
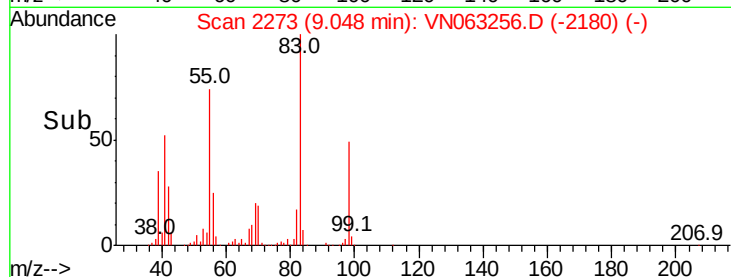
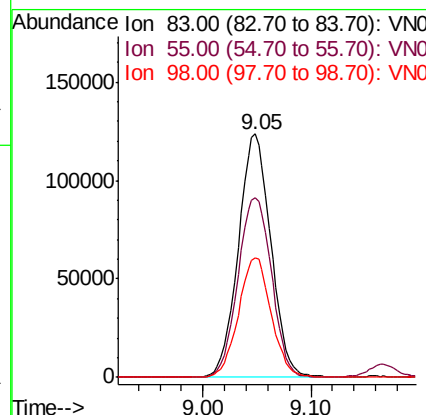
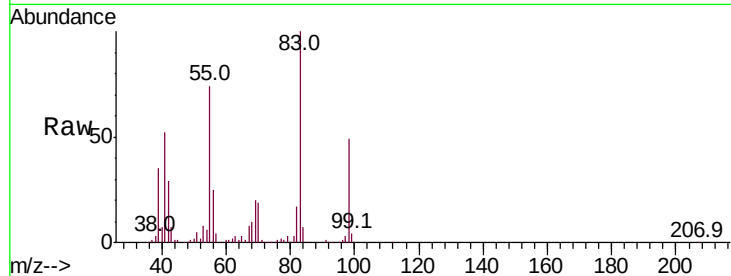
#39
Methylvlcyclohexane
Concen: 41.799 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN063256.D
Acq: 4 Sep 2020 18:36

Instrument :
MSVOA_N
ClientSampleId :
SA-MW131I-20200901MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100	259616		
55	73.8		60.3	90.5
98	49.2		38.9	58.3

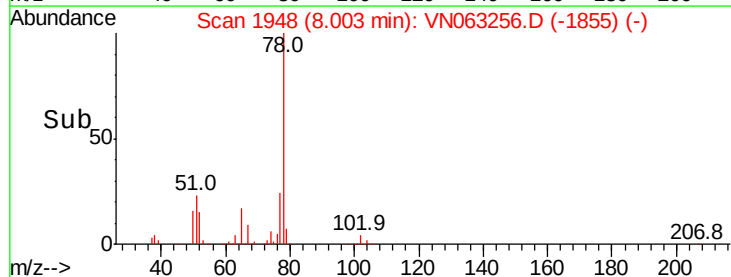
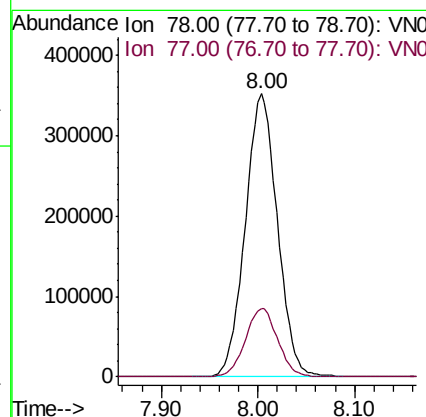
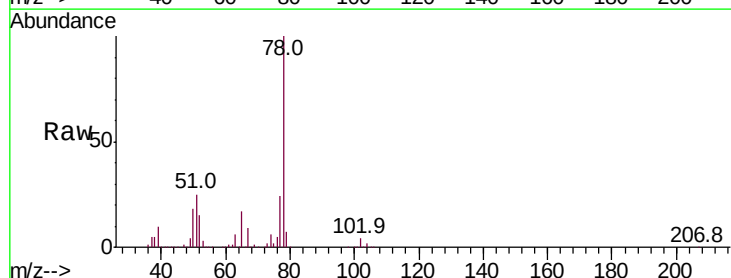
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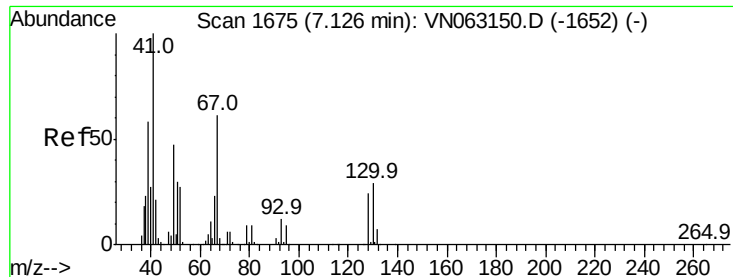
MMDadoda
9/8/2020 1:33:22 PM



#40
Benzene
Concen: 50.010 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN063256.D
Acq: 4 Sep 2020 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	812502		
77	24.3		19.3	28.9





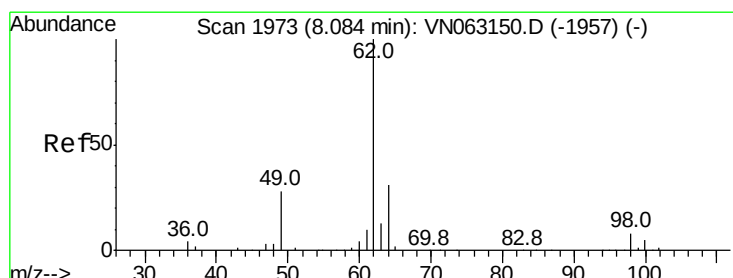
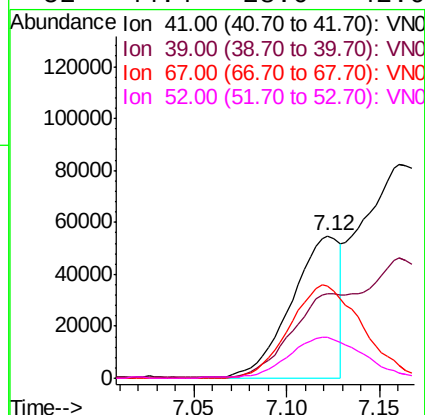
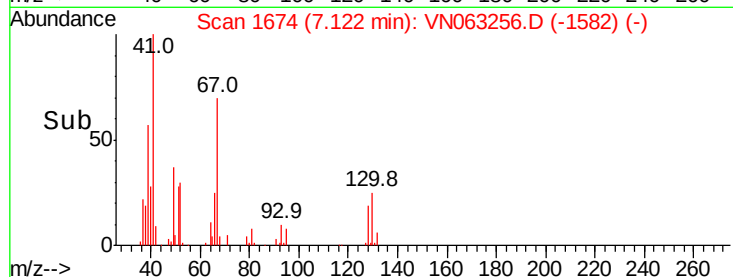
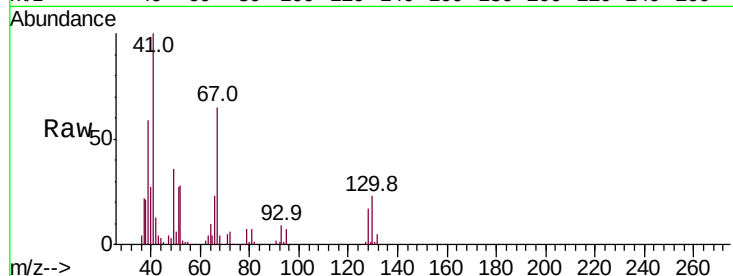
#41
Methacrylonitrile
Concen: 42.606 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VN063256.D
Acq: 4 Sep 2020 18:36

Instrument :
MSVOA_N
ClientSampleId :
SA-MW131I-20200901MS

Tot Ion	Ratio	Lower	Upper
41	100		
39	64.9	46.6	70.0
67	100.3	62.6	94.0#
52	44.4	28.0	42.0#

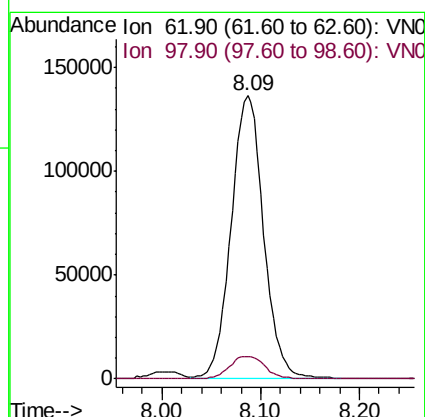
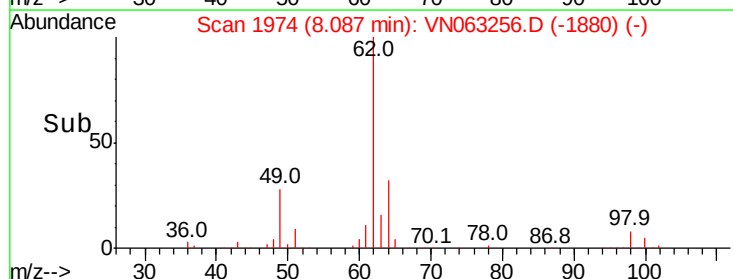
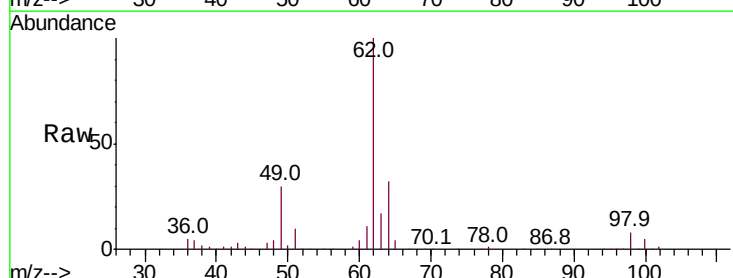
Manual Integrations
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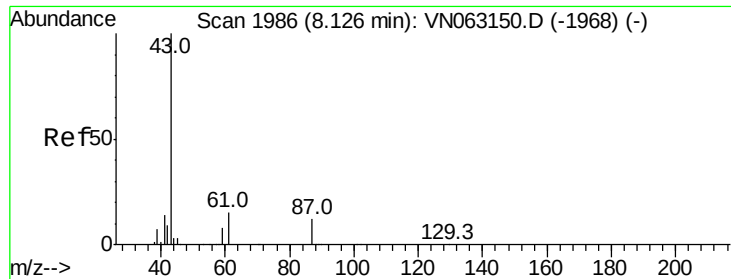
MMDadoda
9/8/2020 1:33:22 PM



#42
1,2-Dichloroethane
Concen: 51.067 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063256.D
Acq: 4 Sep 2020 18:36

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.2





#43

Isopropyl Acetate

Concen: 47.869 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

Instrument :

MSVOA_N

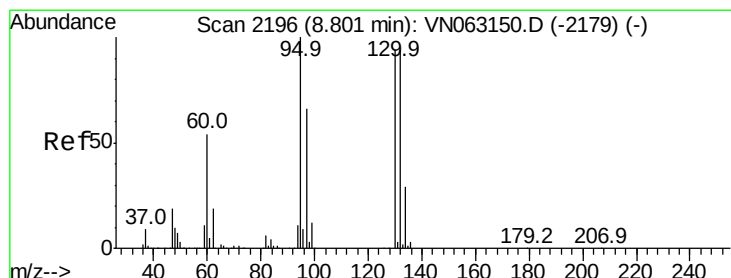
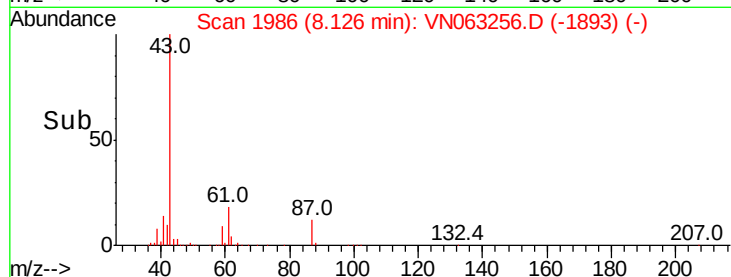
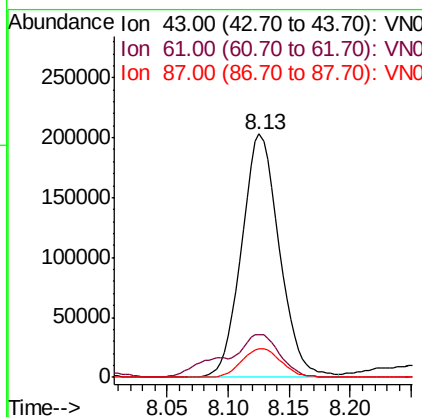
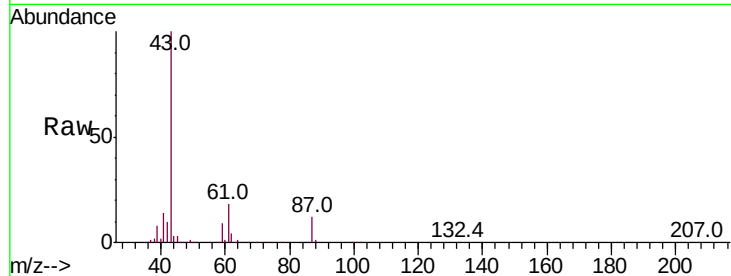
ClientSampleId :

SA-MW131I-20200901MS

Tot Ion:	43	Resp:	431616
Ion	Ratio	Lower	Upper
43	100		
61	17.3	20.2	30.4#
87	12.5	9.8	14.6

Manual Integrations
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#44

Trichloroethene

Concen: 52.760 ug/l

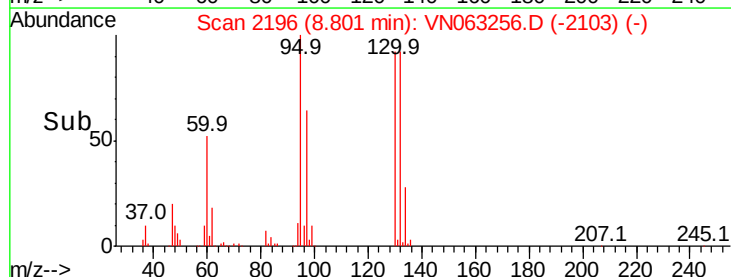
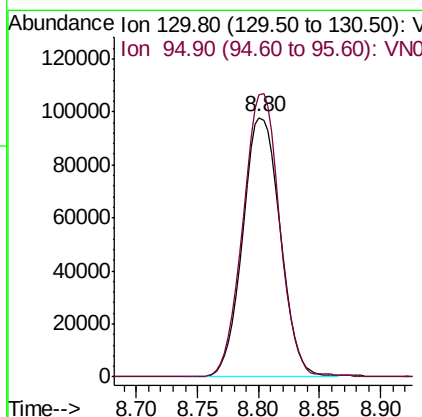
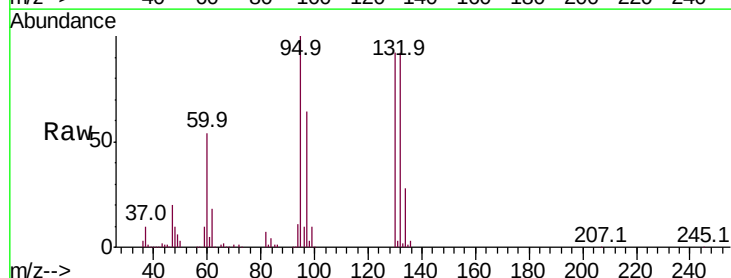
RT: 8.80 min Scan# 2196

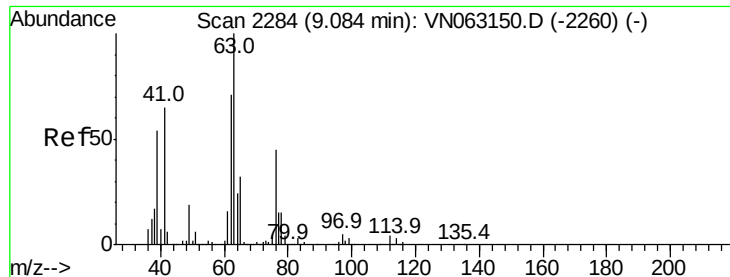
Delta R.T. -0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

Tgt Ion:	130	Resp:	207918
Ion	Ratio	Lower	Upper
130	100		
95	108.8	0.0	212.0





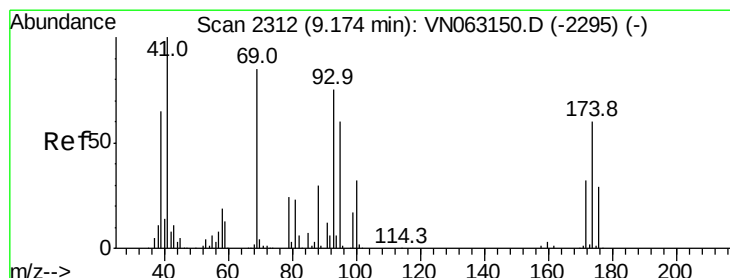
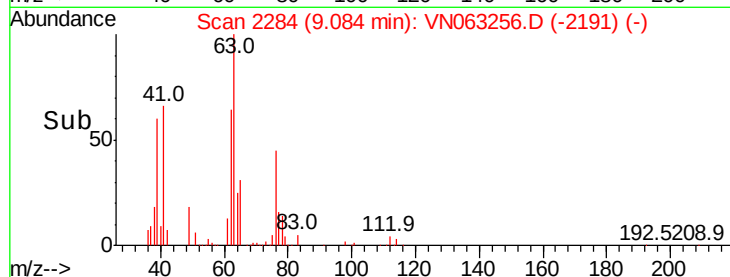
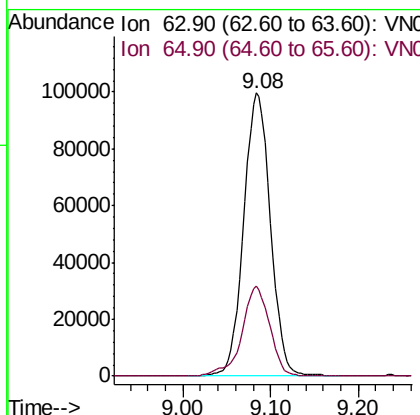
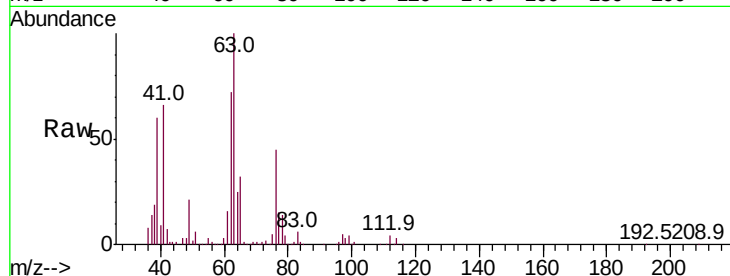
#45
 1,2-Dichloropropane
 Concen: 49.175 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN063256.D
 Acq: 4 Sep 2020 18:36

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-MW131I-20200901MS

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.7	25.4	38.0

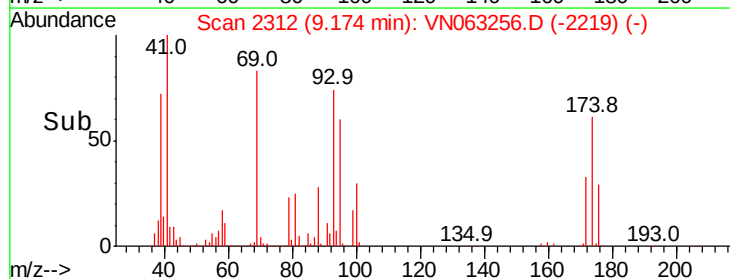
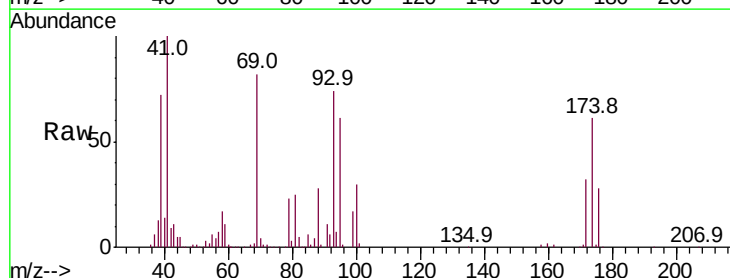
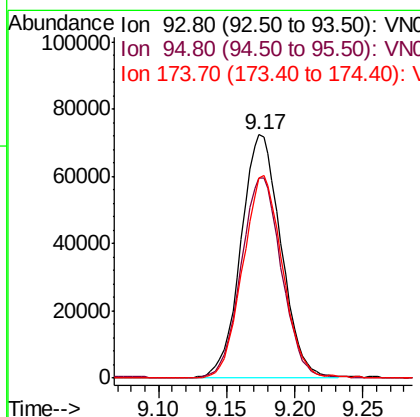
Manual Integrations
 APPROVED

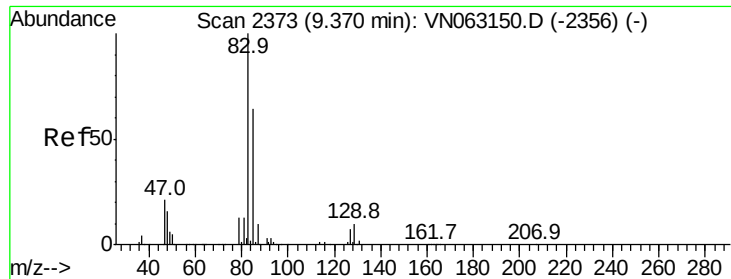
MMDadoda
 9/8/2020 1:33:22 PM



#46
 Dibromomethane
 Concen: 51.822 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN063256.D
 Acq: 4 Sep 2020 18:36

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.2	65.2	97.8
174	82.2	64.6	97.0





#47

Bromodichloromethane

Concen: 50.308 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

Instrument :

MSVOA_N

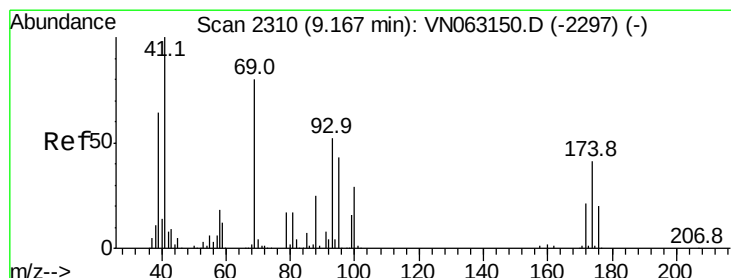
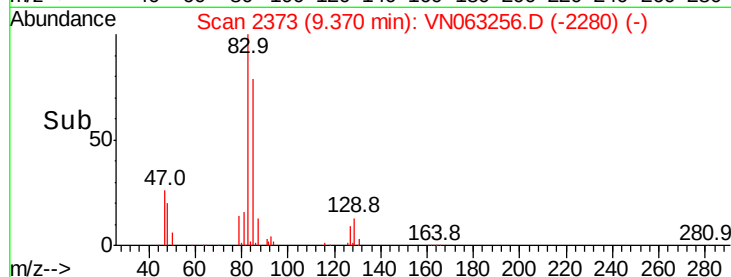
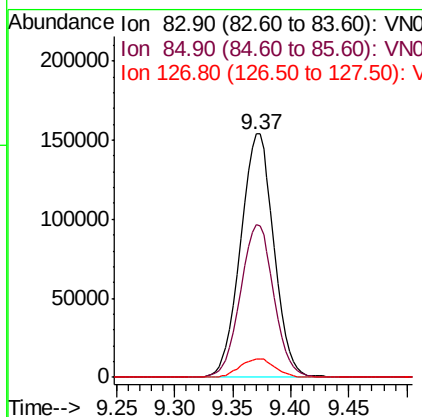
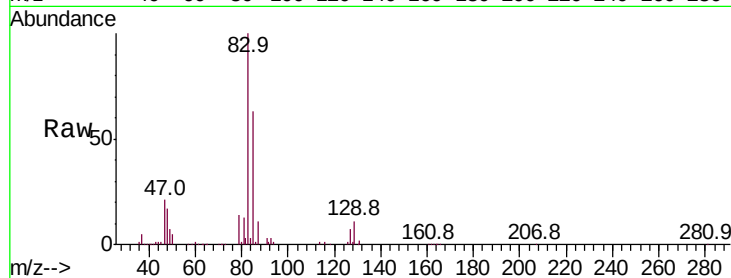
ClientSampleId :

SA-MW131I-20200901MS

Tot Ion:	83	Resp:	307399
Ion	Ratio	Lower	Upper
83	100		
85	62.6	51.0	76.6
127	7.4	5.7	8.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.707 ug/l

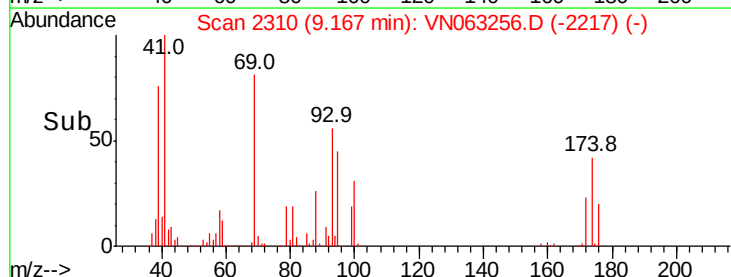
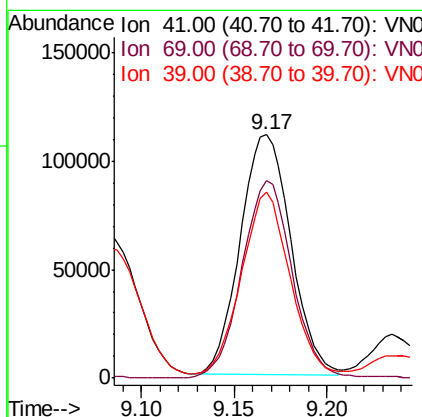
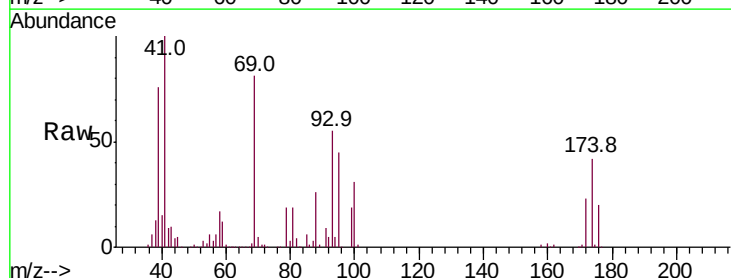
RT: 9.17 min Scan# 2310

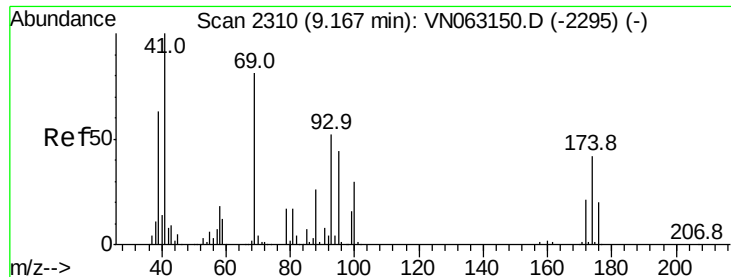
Delta R.T. -0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

Tgt Ion:	41	Resp:	210171
Ion	Ratio	Lower	Upper
41	100		
69	81.0	65.9	98.9
39	75.5	52.0	78.0





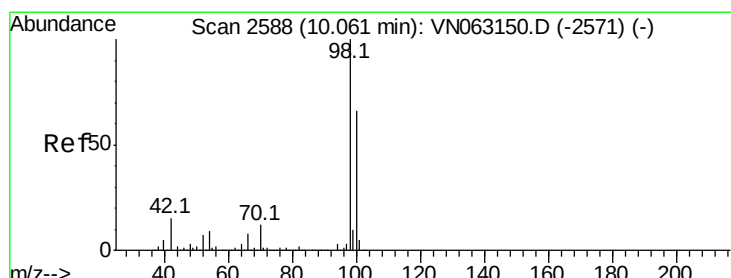
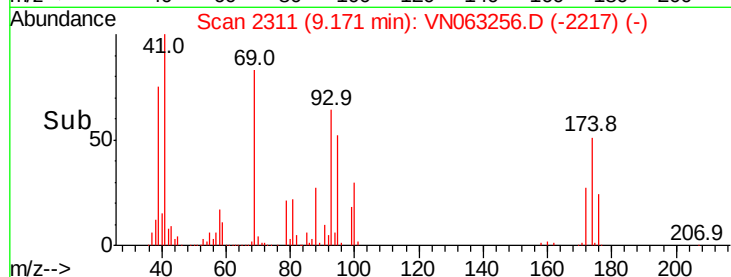
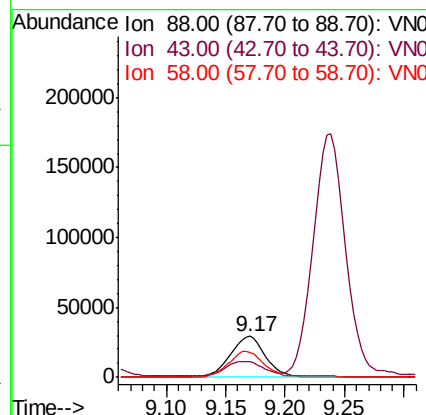
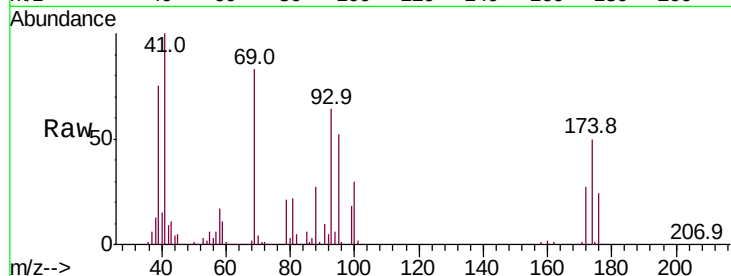
#49
1,4-Dioxane
Concen: 955.997 ug/l
RT: 9.17 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN063256.D
Acq: 4 Sep 2020 18:36

Instrument :
MSVOA_N
ClientSampleId :
SA-MW131I-20200901MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.7	28.6	42.8
58	63.4	53.2	79.8

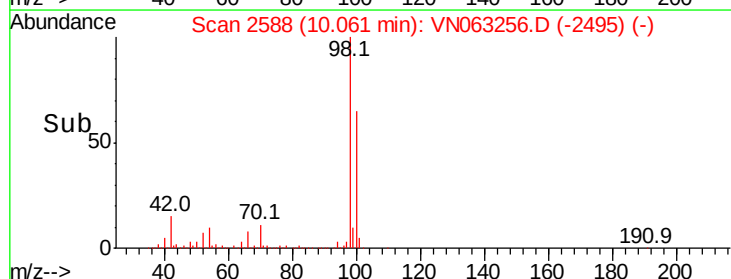
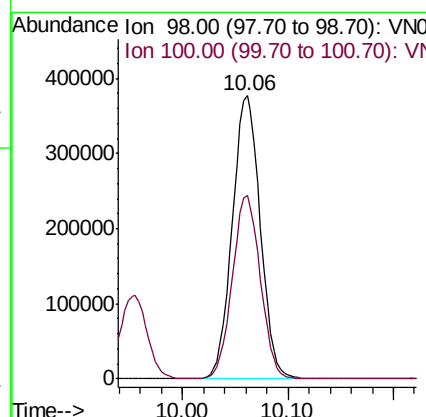
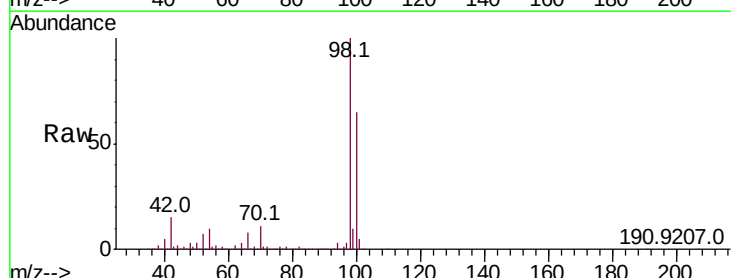
Manual Integrations
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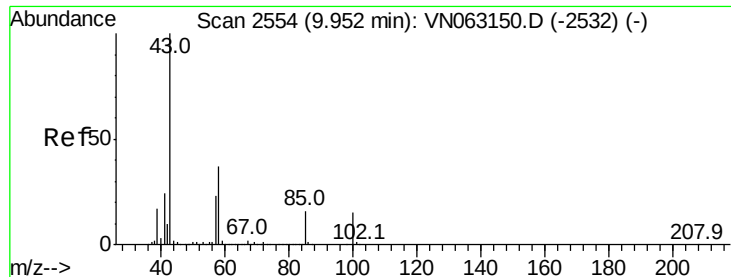
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#50
Toluene-d8
Concen: 48.637 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. -0.00 min
Lab File: VN063256.D
Acq: 4 Sep 2020 18:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.0	78.0





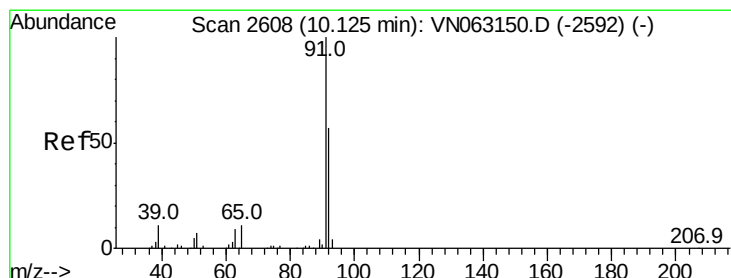
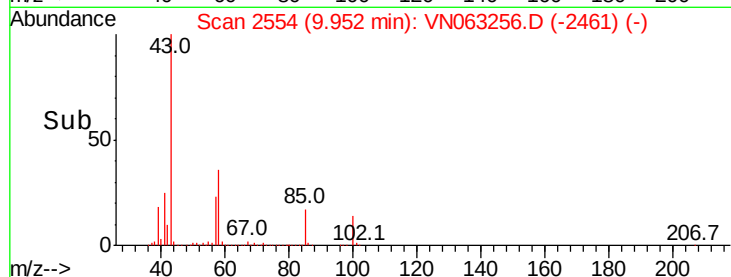
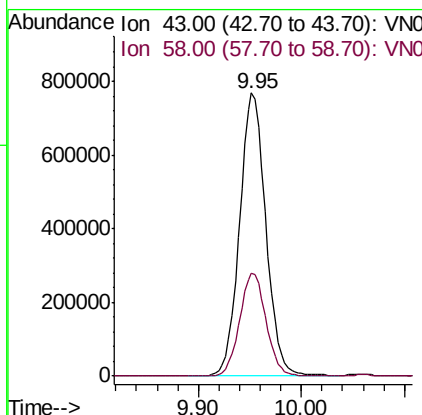
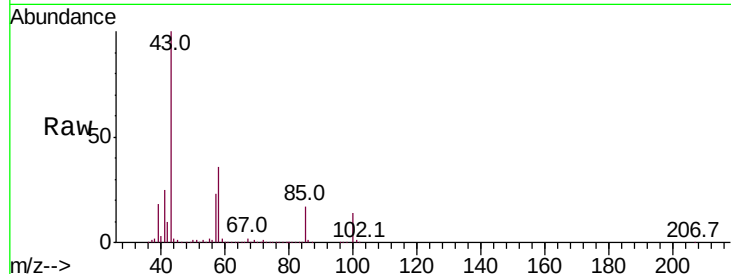
#51
 4-Methyl-2-Pentanone
 Concen: 276.290 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN063256.D
 Acq: 4 Sep 2020 18:36

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-MW131I-20200901MS

Tot Ion: 43 Resp: 1353725
 Ion Ratio Lower Upper
 43 100
 58 36.8 29.2 43.8

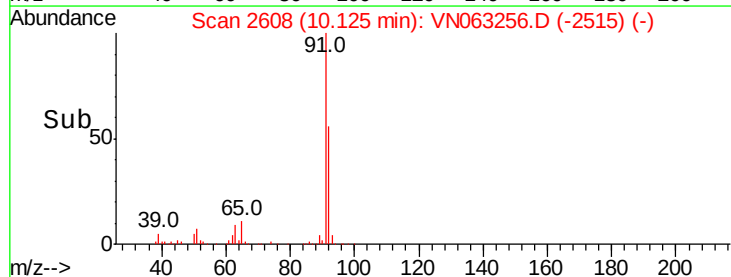
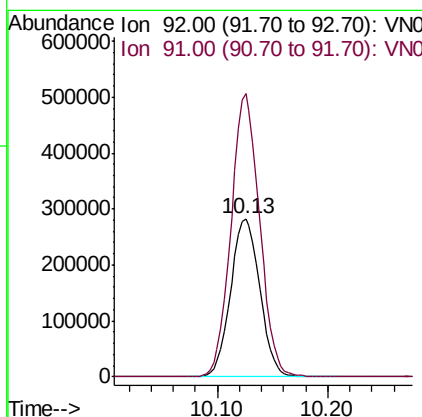
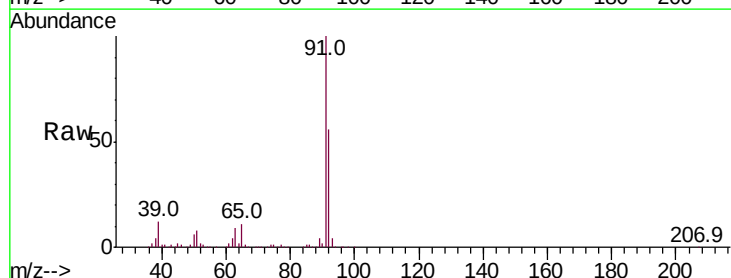
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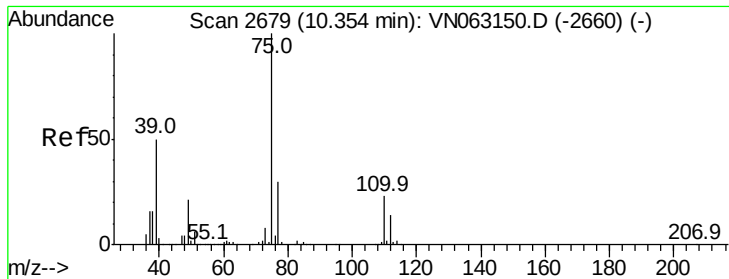
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#52
 Toluene
 Concen: 51.401 ug/l
 RT: 10.13 min Scan# 2608
 Delta R.T. -0.00 min
 Lab File: VN063256.D
 Acq: 4 Sep 2020 18:36

Tgt Ion: 92 Resp: 520215
 Ion Ratio Lower Upper
 92 100
 91 174.6 141.2 211.8





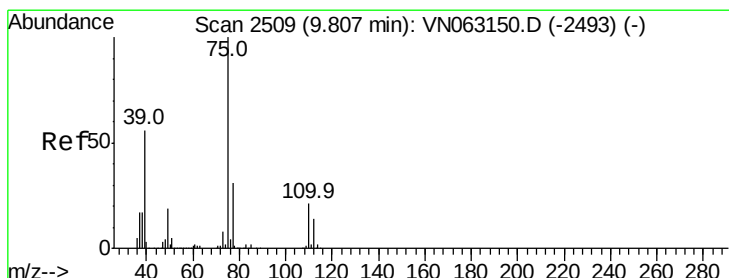
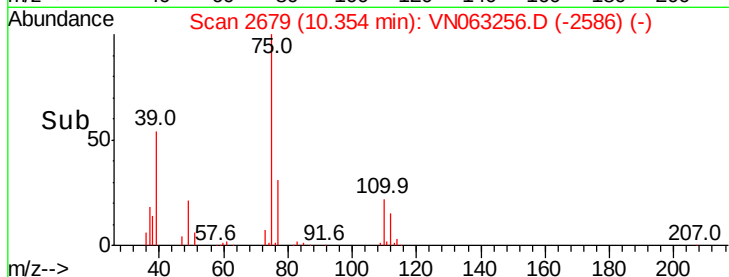
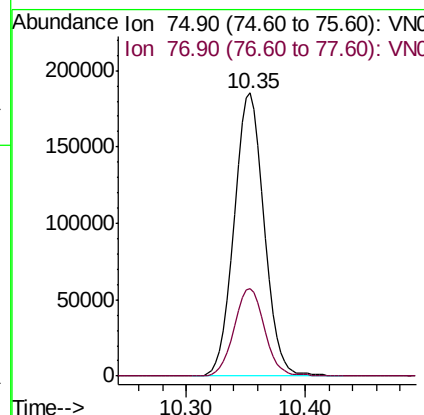
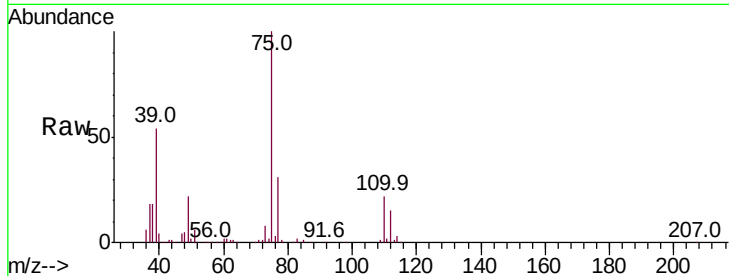
#53
t-1,3-Dichloropropene
Concen: 48.430 ug/l
RT: 10.35 min Scan# 2679
Delta R.T. -0.00 min
Lab File: VN063256.D
Acq: 4 Sep 2020 18:36

Instrument :
MSVOA_N
ClientSampleId :
SA-MW131I-20200901MS

Tot Ion: 75 Resp: 323693
Ion Ratio Lower Upper
75 100
77 30.9 24.2 36.2

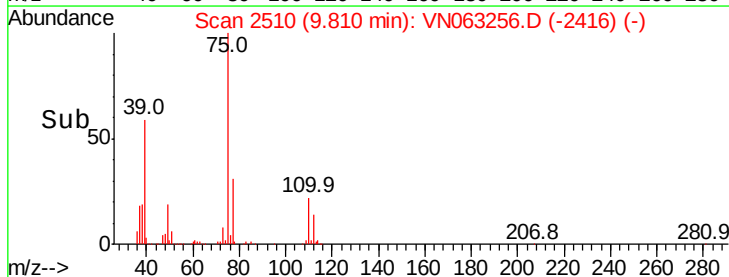
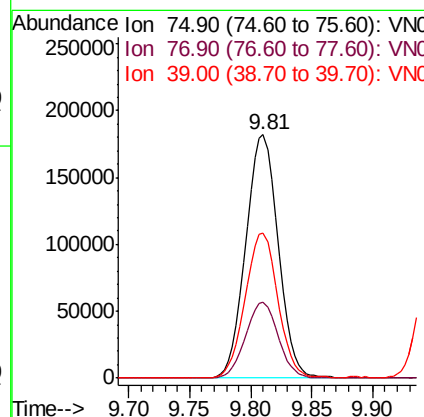
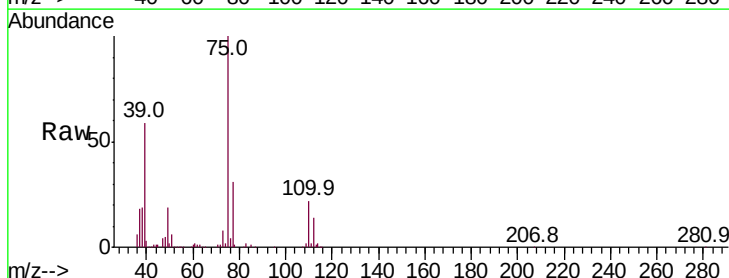
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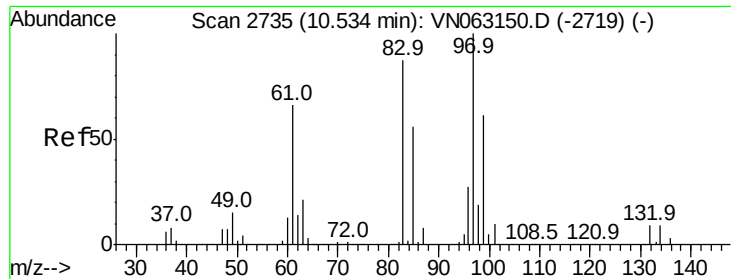
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 47.557 ug/l
RT: 9.81 min Scan# 2510
Delta R.T. 0.00 min
Lab File: VN063256.D
Acq: 4 Sep 2020 18:36

Tgt Ion: 75 Resp: 333656
Ion Ratio Lower Upper
75 100
77 31.1 24.8 37.2
39 59.3 45.0 67.6





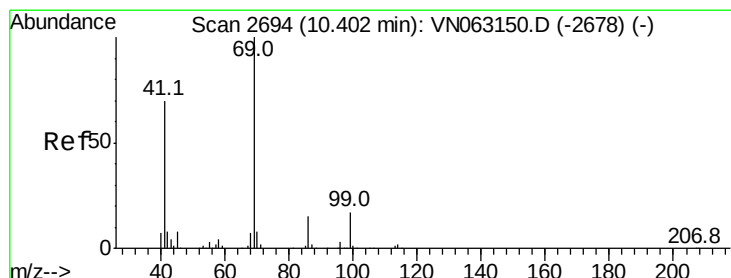
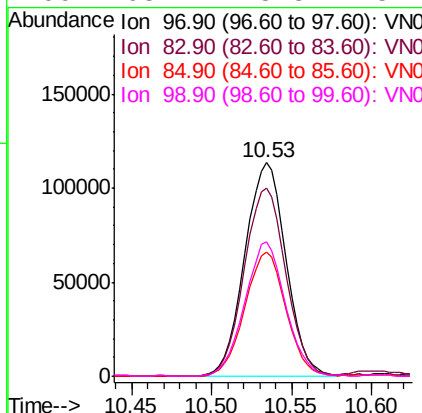
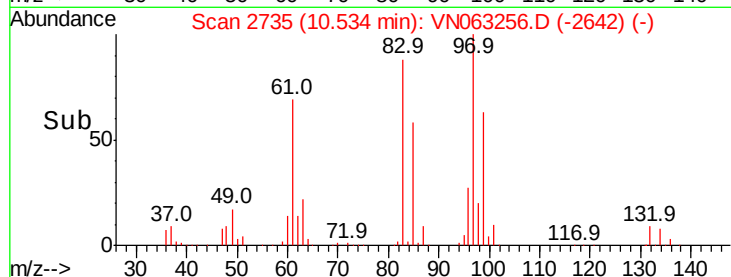
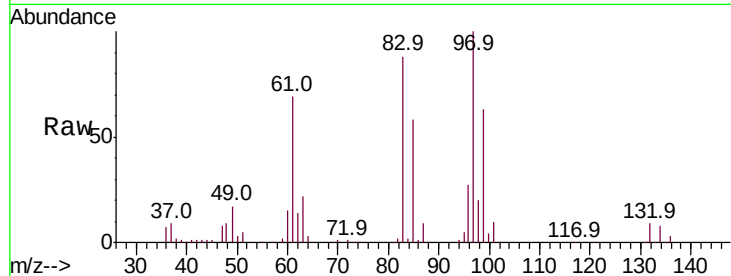
#55
 1,1,2-Trichloroethane
 Concen: 51.740 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. -0.00 min
 Lab File: VN063256.D
 Acq: 4 Sep 2020 18:36

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-MW131I-20200901MS

Tot Ion	97	Resp	200543
Ion Ratio	Lower	Upper	
97	100		
83	88.3	69.8	104.8
85	58.3	44.9	67.3
99	63.1	48.8	73.2

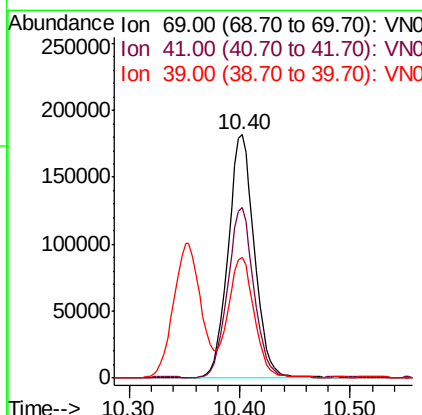
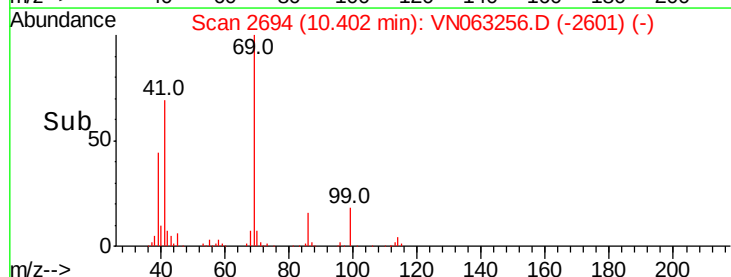
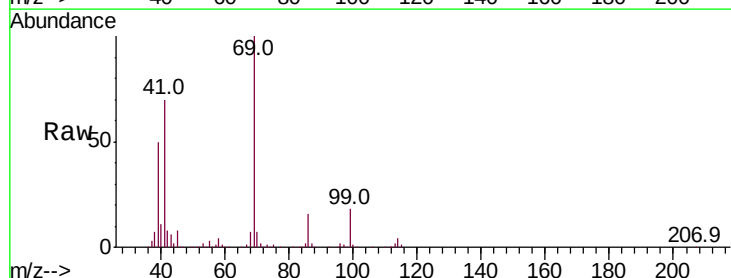
Manual Integrations
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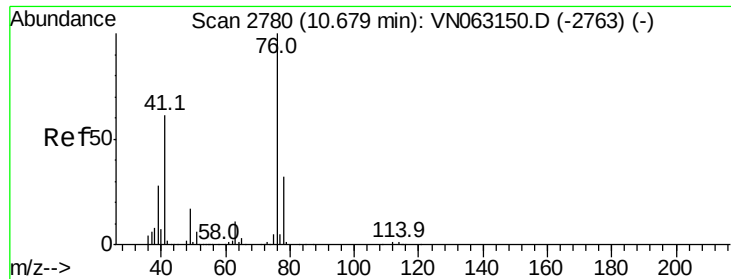
MMDadoda
 9/8/2020 1:33:22 PM



#56
 Ethyl methacrylate
 Concen: 50.993 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. -0.00 min
 Lab File: VN063256.D
 Acq: 4 Sep 2020 18:36

Tgt Ion	69	Resp	300788
Ion Ratio	Lower	Upper	
69	100		
41	69.1	55.5	83.3
39	49.7	38.2	57.2





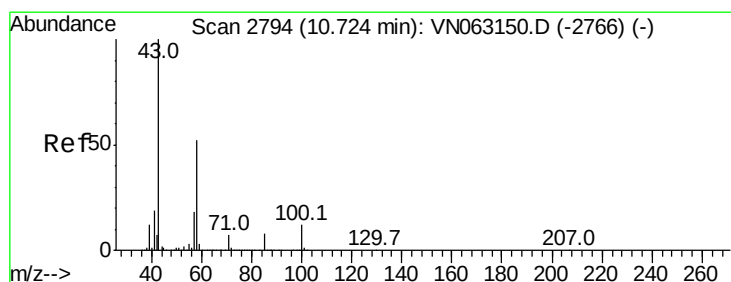
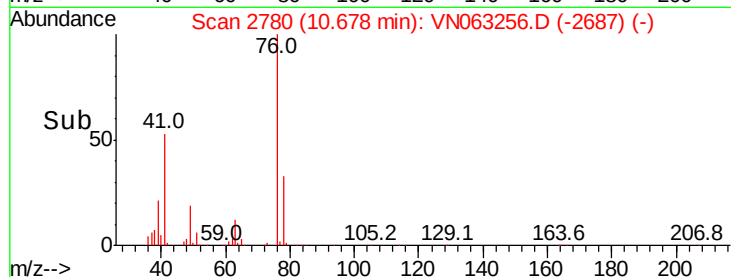
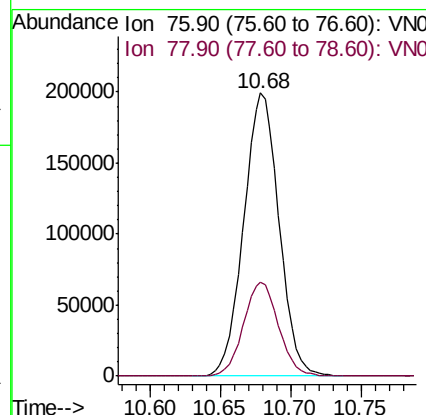
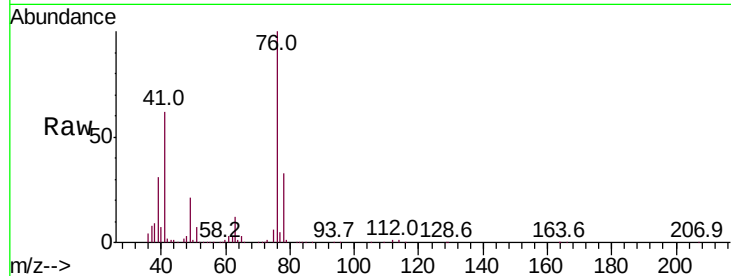
#57
 1,3-Dichloropropane
 Concen: 50.669 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. -0.00 min
 Lab File: VN063256.D
 Acq: 4 Sep 2020 18:36

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-MW131I-20200901MS

Tot Ion: 76 Resp: 349866
 Ion Ratio Lower Upper
 76 100
 78 33.0 25.5 38.3

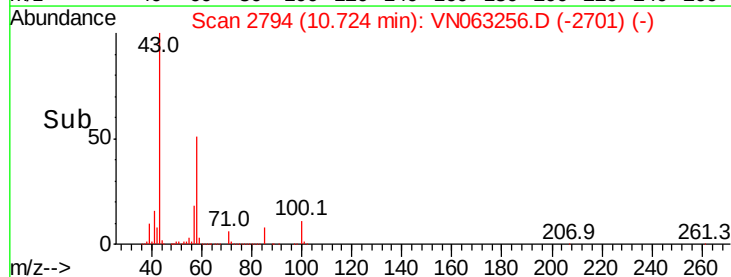
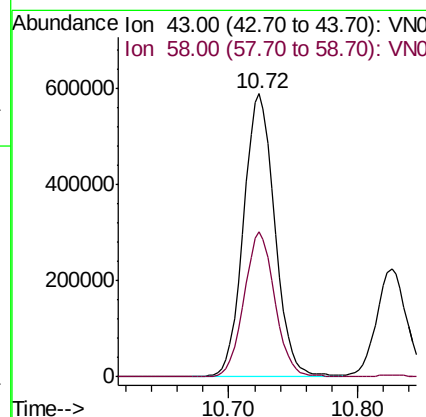
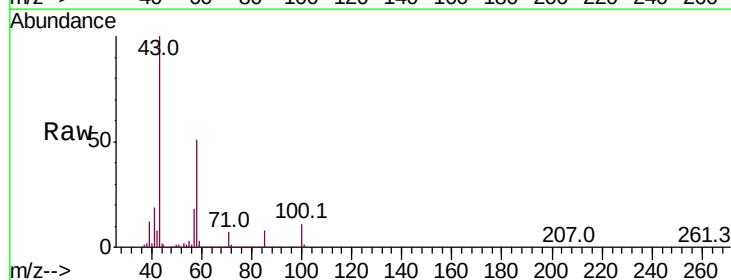
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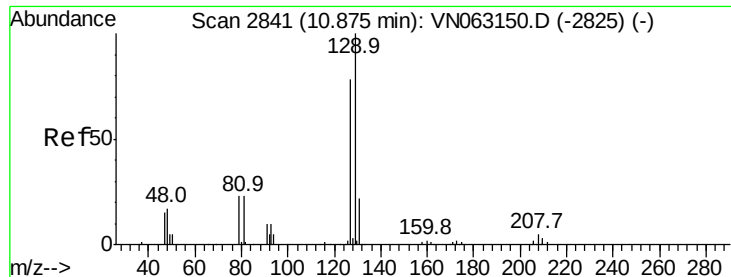
MMDadoda
 9/8/2020 1:33:22 PM



#59
 2-Hexanone
 Concen: 286.894 ug/l
 RT: 10.72 min Scan# 2794
 Delta R.T. -0.00 min
 Lab File: VN063256.D
 Acq: 4 Sep 2020 18:36

Tgt Ion: 43 Resp: 987892
 Ion Ratio Lower Upper
 43 100
 58 50.7 25.9 77.8





#60

Dibromochloromethane

Concen: 51.695 ug/l

RT: 10.87 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

Instrument :

MSVOA_N

ClientSampleId :

SA-MW131I-20200901MS

Tot Ion:129 Resp: 221521

Ion Ratio Lower Upper

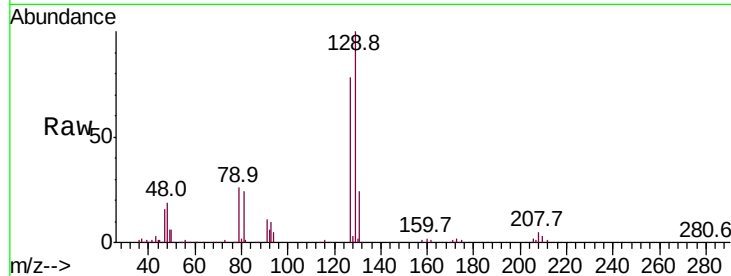
129 100

127 78.3 39.0 117.0

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

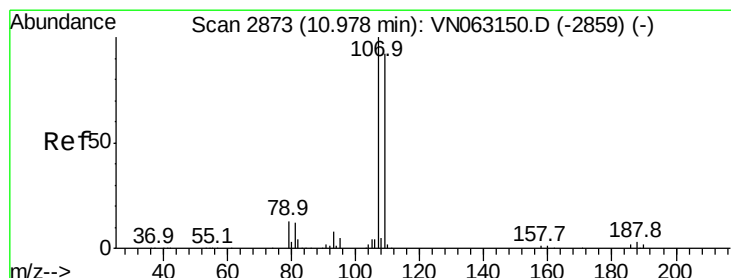
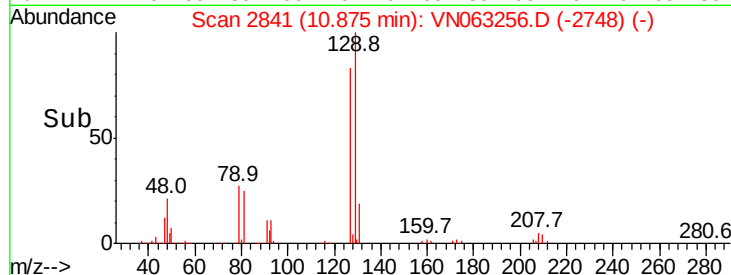
10.87

100000

50000

0

Time-->



#61

1,2-Dibromoethane

Concen: 52.926 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. -0.00 min

Lab File: VN063256.D

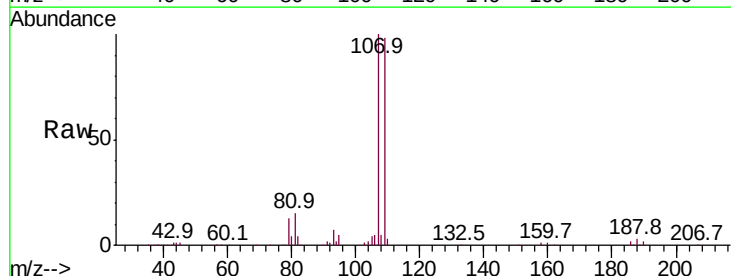
Acq: 4 Sep 2020 18:36

Tgt Ion:107 Resp: 213248

Ion Ratio Lower Upper

107 100

109 93.9 73.4 110.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

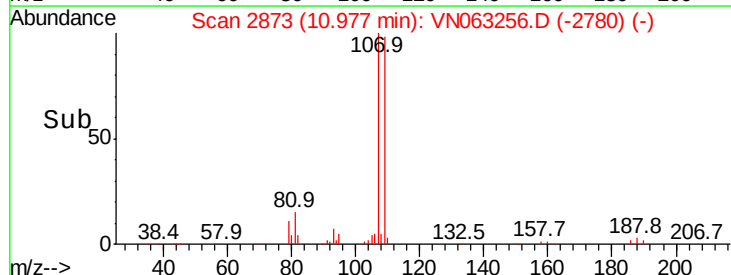
10.98

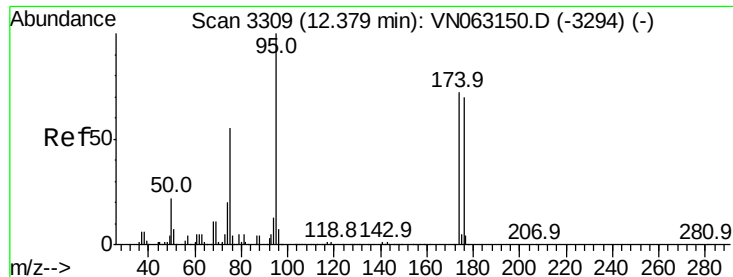
100000

50000

0

Time-->





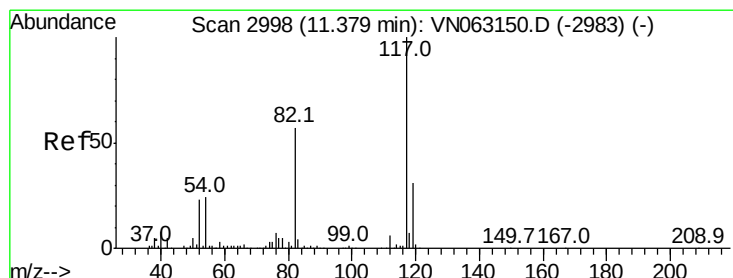
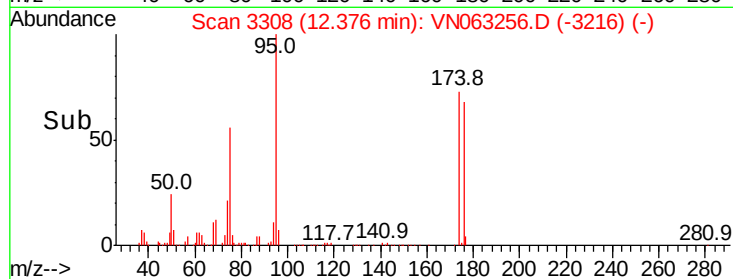
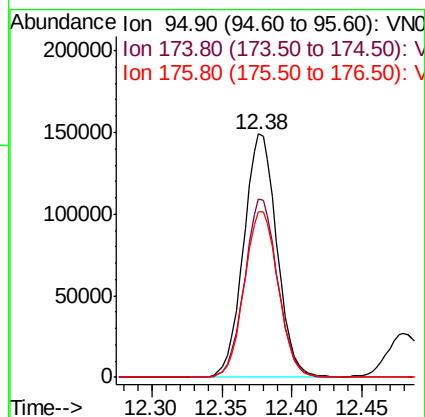
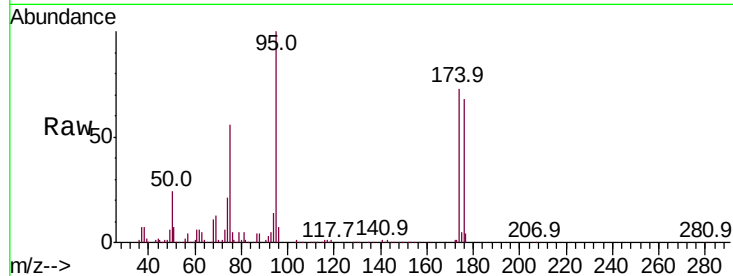
#62
4-Bromofluorobenzene
Concen: 49.639 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063256.D
Acq: 4 Sep 2020 18:36

Instrument :
MSVOA_N
ClientSampleId :
SA-MW131I-20200901MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	246587		
174	72.7	0.0	143.8	
176	69.5	0.0	138.4	

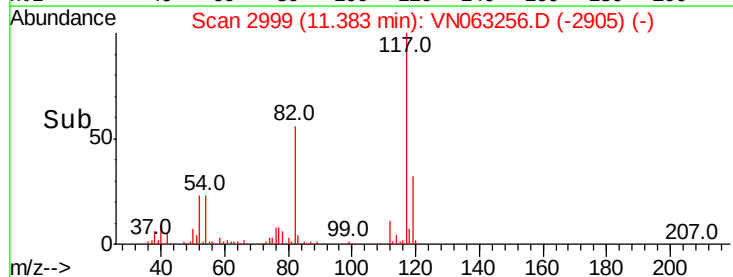
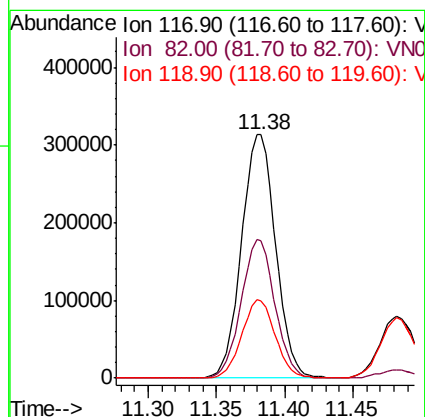
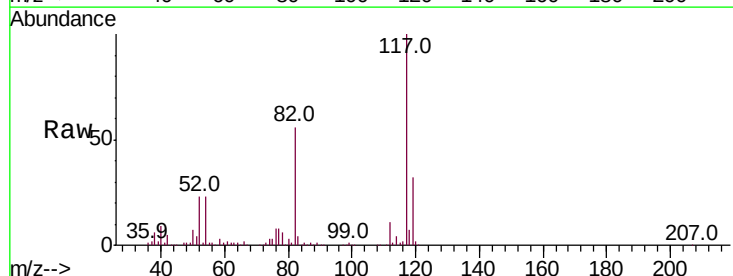
Manual Integrations
APPROVED

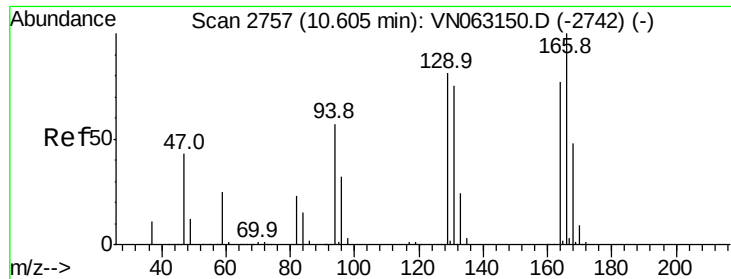
MMDadoda
9/8/2020 1:33:22 PM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2999
Delta R.T. 0.00 min
Lab File: VN063256.D
Acq: 4 Sep 2020 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	543663		
82	56.1	45.4	68.0	
119	31.9	24.6	37.0	





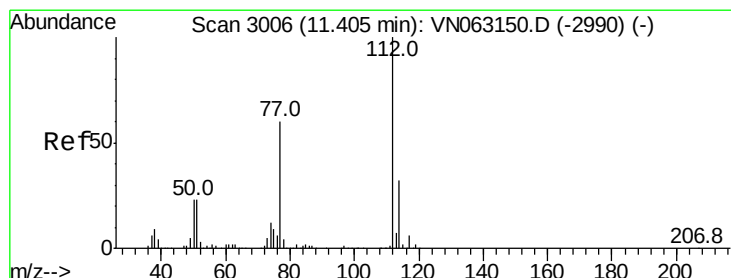
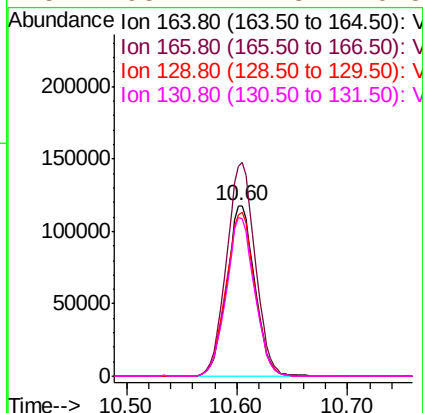
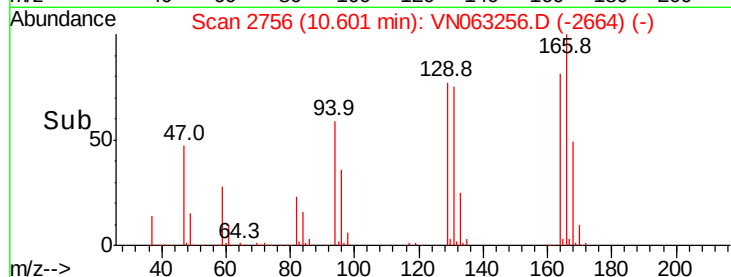
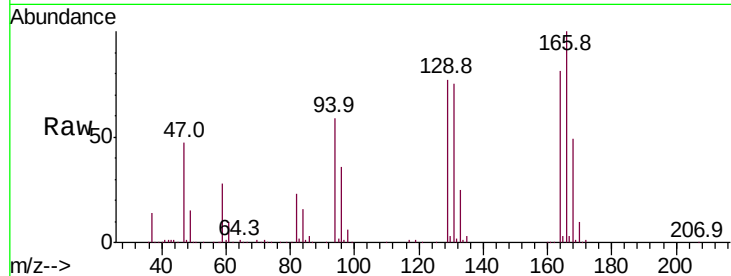
#64
Tetrachloroethene
Concen: 53.405 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063256.D
Acq: 4 Sep 2020 18:36

Instrument :
MSVOA_N
ClientSampleId :
SA-MW131I-20200901MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
166	123.6	103.4	155.2	
129	94.9	83.4	125.0	
131	93.2	77.8	116.8	

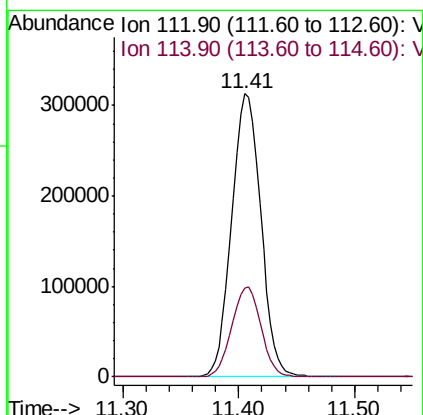
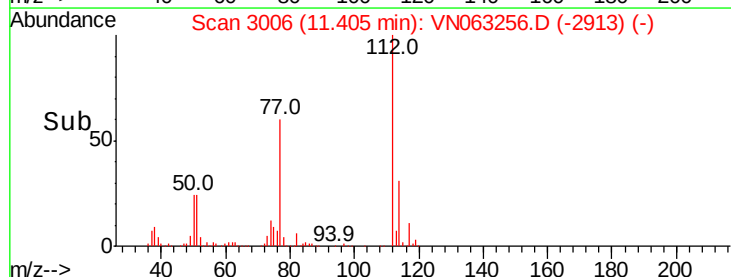
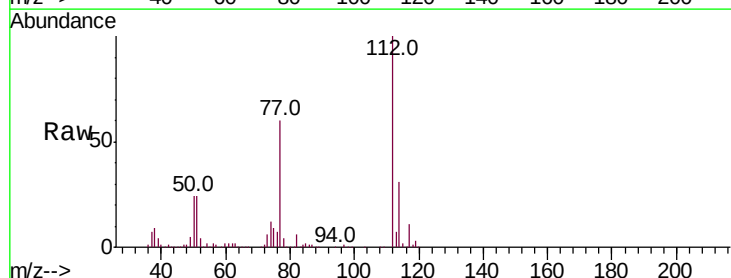
Manual Integrations
APPROVED

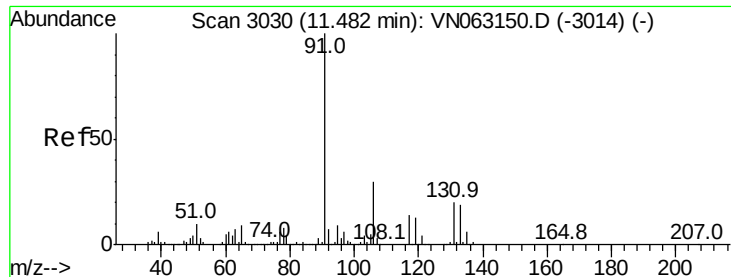
MMDadoda
9/8/2020 1:33:22 PM



#65
Chlorobenzene
Concen: 49.779 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063256.D
Acq: 4 Sep 2020 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
112	100			
114	31.5	25.2	37.8	





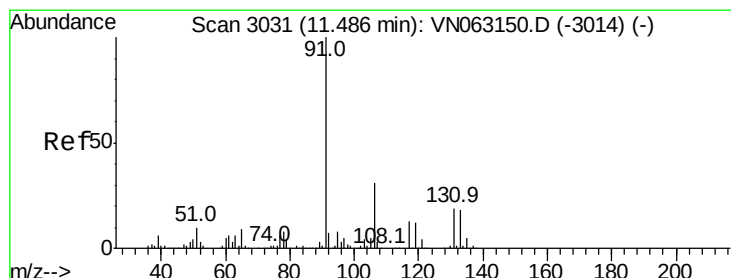
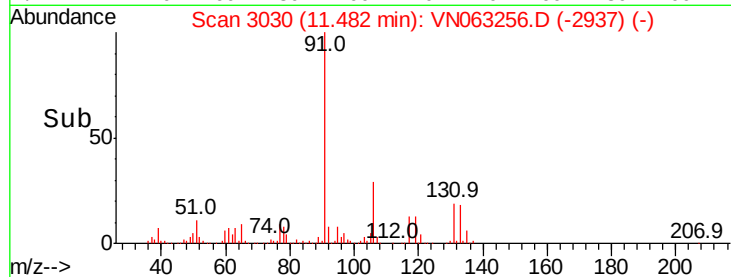
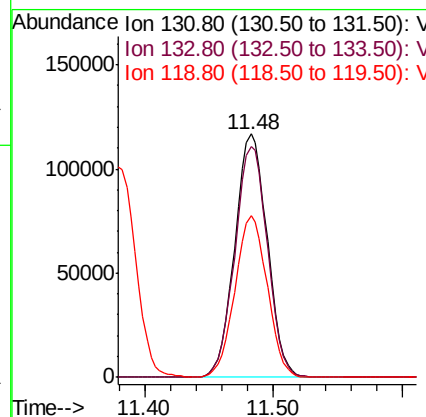
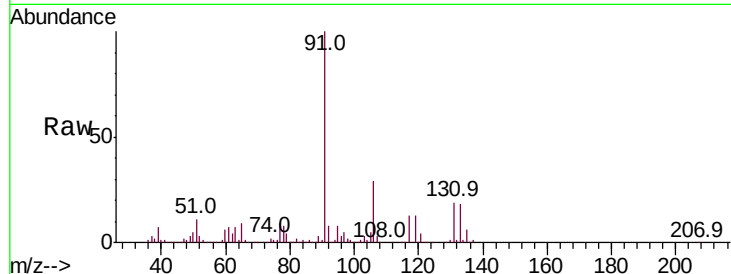
#66
 1,1,1,2-Tetrachloroethane
 Concen: 50.122 ug/l
 RT: 11.48 min Scan# 3030
 Delta R.T. -0.00 min
 Lab File: VN063256.D
 Acq: 4 Sep 2020 18:36

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-MW131I-20200901MS

Tot Ion	Ratio	Lower	Upper
131	100		
133	95.7	47.3	142.0
119	66.3	32.4	97.0

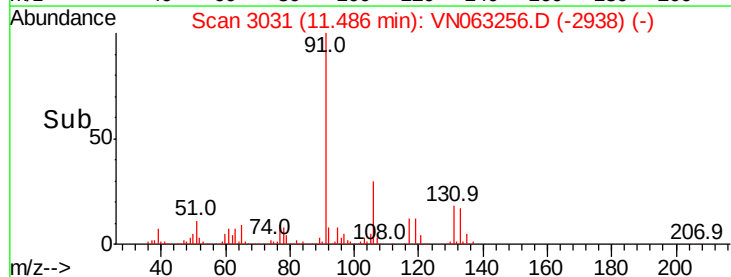
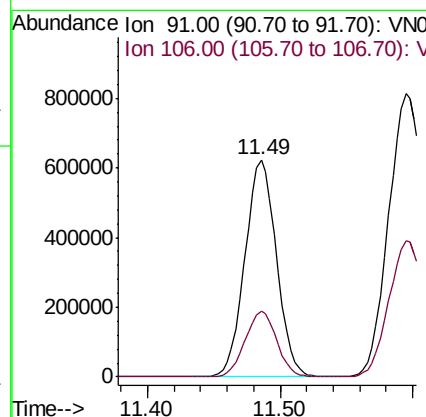
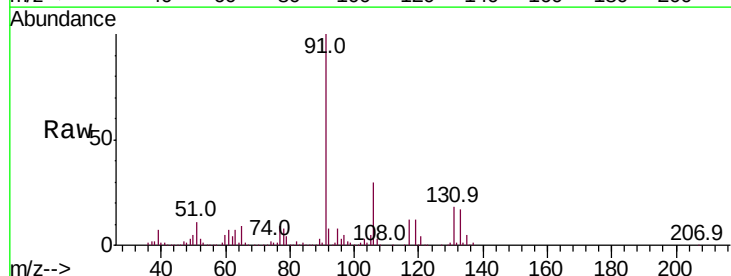
Manual Integrations
 APPROVED

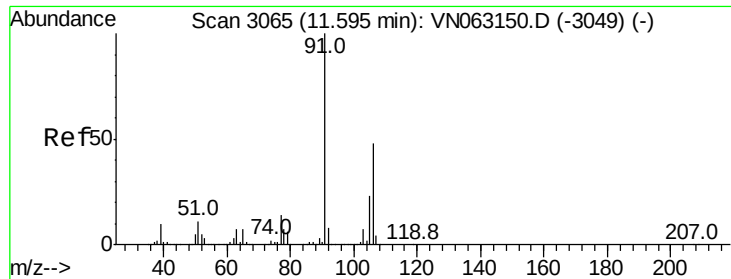
MMDadoda
 9/8/2020 1:33:22 PM



#67
 Ethyl Benzene
 Concen: 51.503 ug/l
 RT: 11.49 min Scan# 3031
 Delta R.T. -0.00 min
 Lab File: VN063256.D
 Acq: 4 Sep 2020 18:36

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.3	24.4	36.6





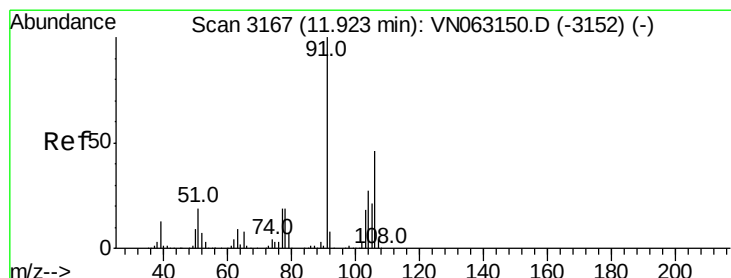
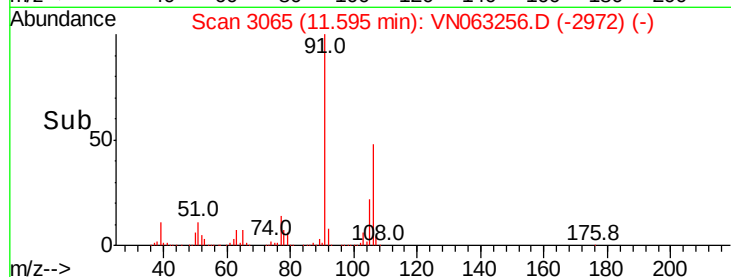
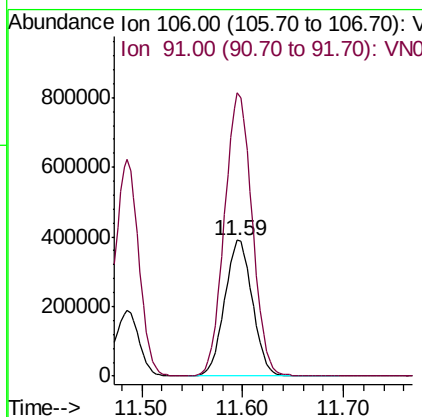
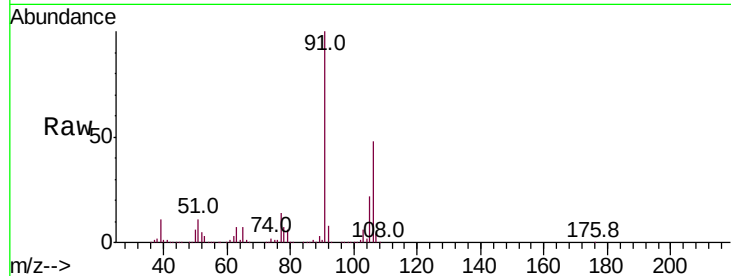
#68
m/p-Xylenes
Concen: 101.436 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063256.D
Acq: 4 Sep 2020 18:36

Instrument :
MSVOA_N
ClientSampleId :
SA-MW131I-20200901MS

Tot Ion:106 Resp: 750471
Ion Ratio Lower Upper
106 100
91 208.6 166.7 250.1

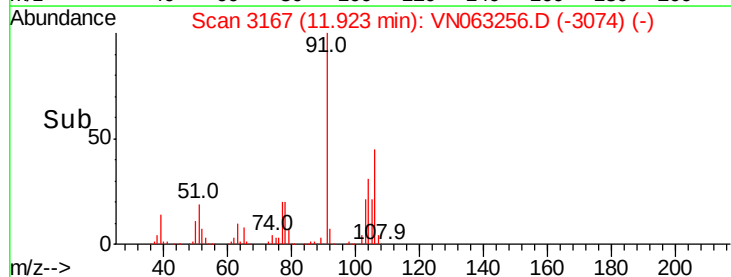
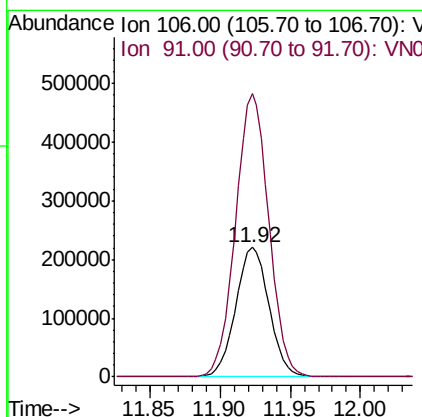
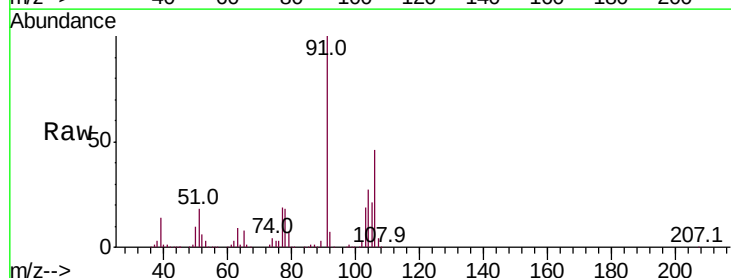
Manual Integrations
APPROVED

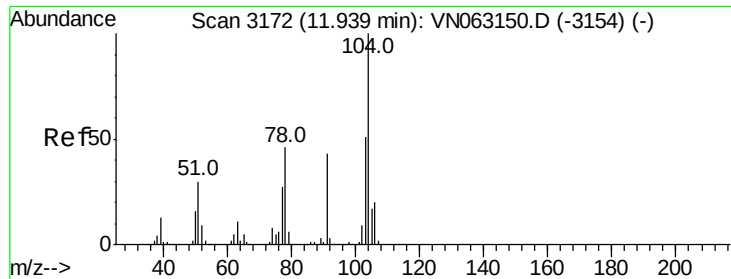
MMDadoda
9/8/2020 1:33:22 PM



#69
o-Xylene
Concen: 51.053 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN063256.D
Acq: 4 Sep 2020 18:36

Tgt Ion:106 Resp: 364890
Ion Ratio Lower Upper
106 100
91 218.5 108.6 325.6





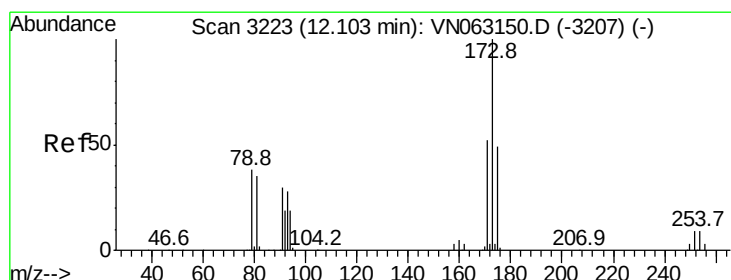
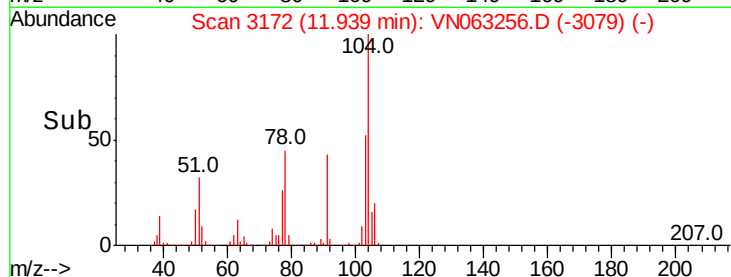
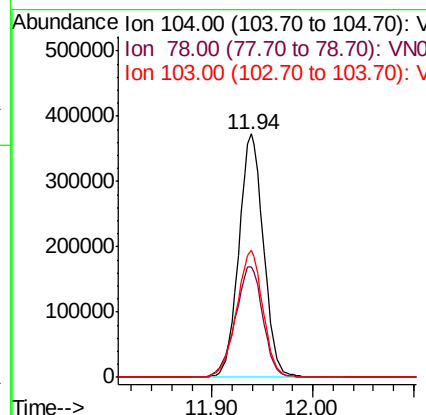
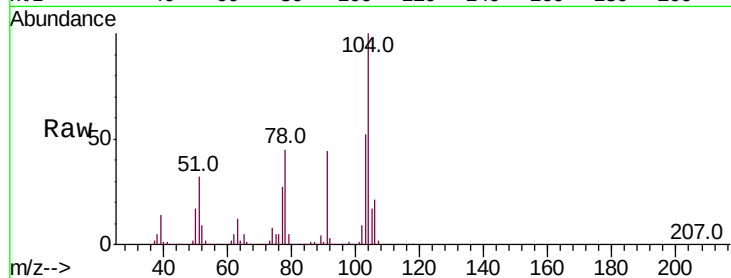
#70
Stvrene
Concen: 51.428 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063256.D
Acq: 4 Sep 2020 18:36

Instrument :
MSVOA_N
ClientSampled :
SA-MW131I-20200901MS

Tot Ion	Ratio	Resp	Lower	Upper
104	100	631699		
78	51.1		41.0	61.6
103	55.8		43.8	65.8

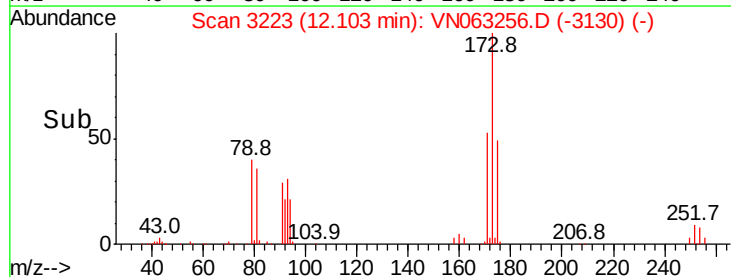
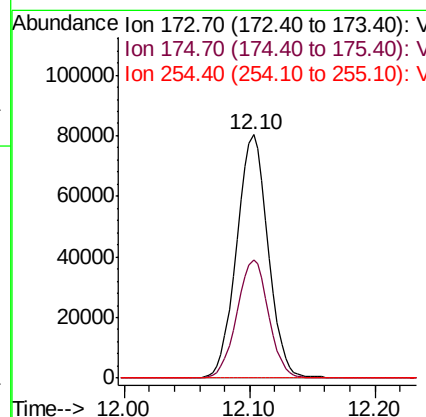
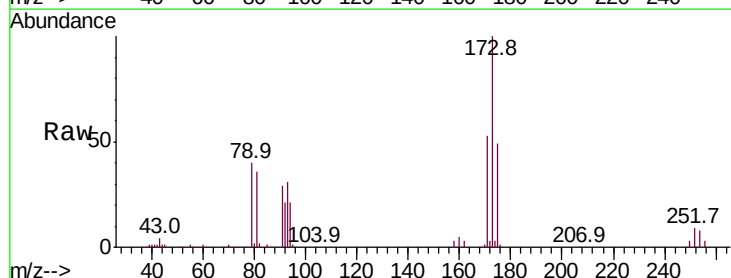
Manual Integrations
APPROVED

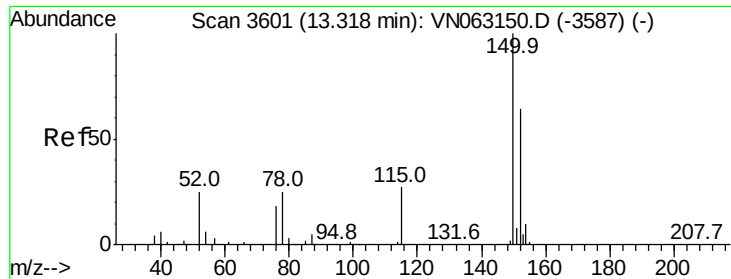
MMDadoda
9/8/2020 1:33:22 PM



#71
Bromoform
Concen: 50.704 ug/l
RT: 12.10 min Scan# 3223
Delta R.T. -0.00 min
Lab File: VN063256.D
Acq: 4 Sep 2020 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	139893		
175	48.7		24.6	73.8
254	0.1		0.0	0.0#





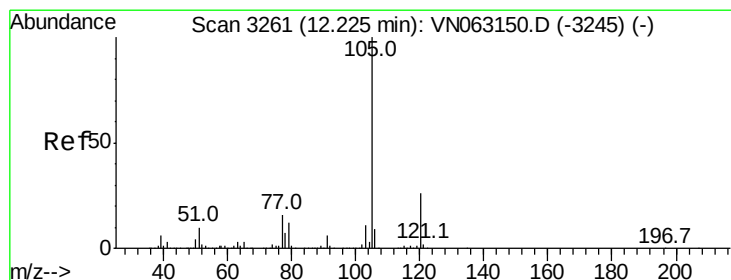
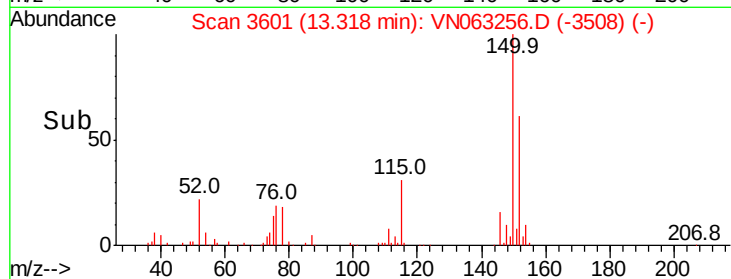
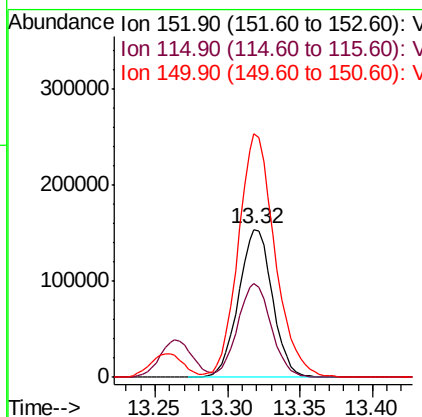
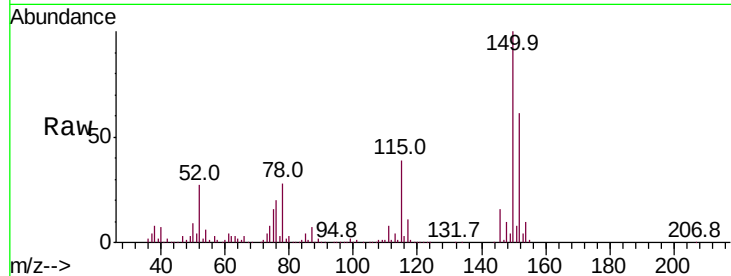
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.32 min Scan# 3601
 Delta R.T. -0.00 min
 Lab File: VN063256.D
 Acq: 4 Sep 2020 18:36

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-MW131I-20200901MS

Tot Ion	Ratio	Lower	Upper
152	100		
115	63.0	32.0	96.2
150	177.1	0.0	353.0

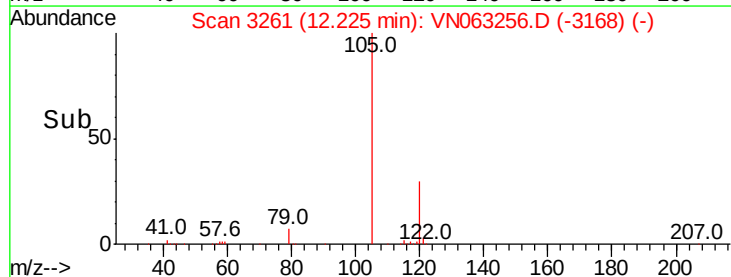
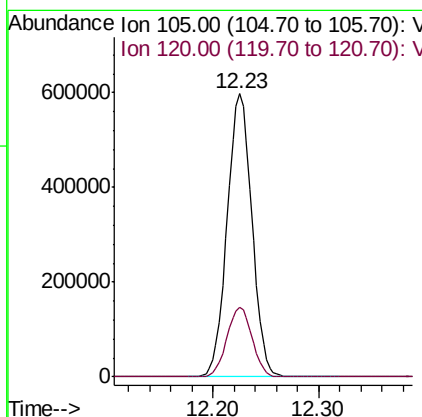
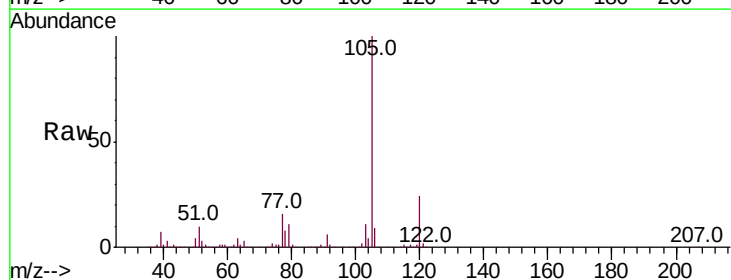
Manual Integrations
 APPROVED

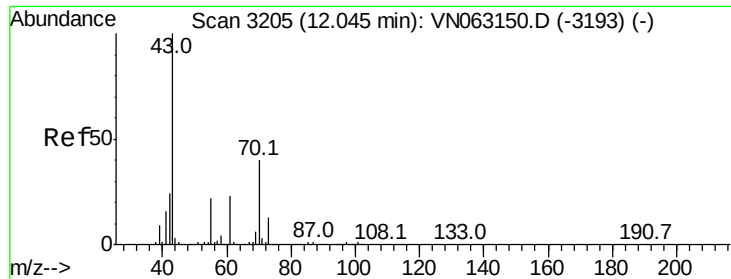
MMDadoda
 9/8/2020 1:33:22 PM



#73
 Isopropylbenzene
 Concen: 50.651 ug/l
 RT: 12.23 min Scan# 3261
 Delta R.T. -0.00 min
 Lab File: VN063256.D
 Acq: 4 Sep 2020 18:36

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.0	12.9	38.6





#74

N-amvl acetate

Concen: 47.774 ug/l

RT: 12.04 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

Instrument :

MSVOA_N

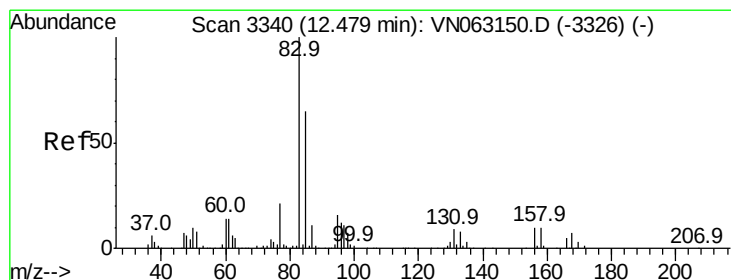
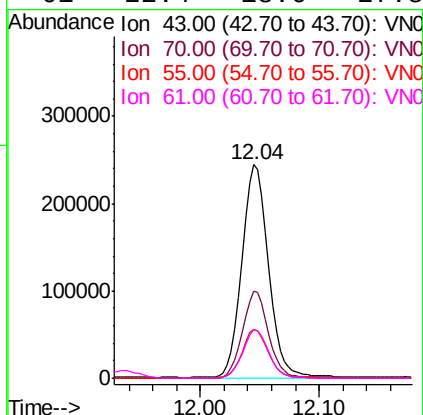
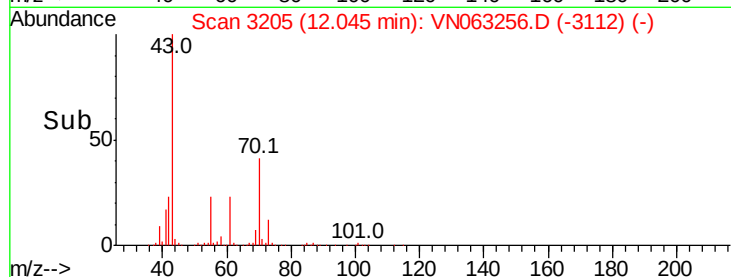
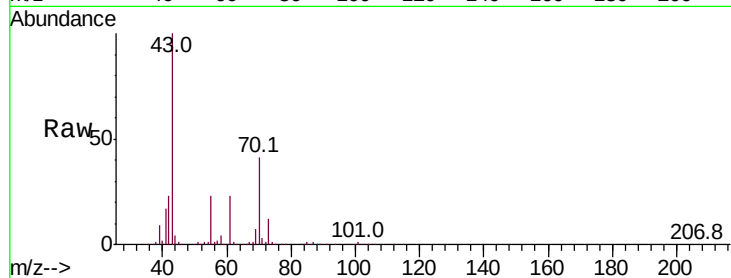
ClientSampleId :

SA-MW131I-20200901MS

Tot Ion	Ratio	Lower	Upper
43	100		
70	39.9	32.1	48.1
55	22.9	17.4	26.0
61	22.4	18.6	27.8

Manual Integrations
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9/8/2020 1:33:22 PM



#75

1,1,2,2-Tetrachloroethane

Concen: 50.946 ug/l

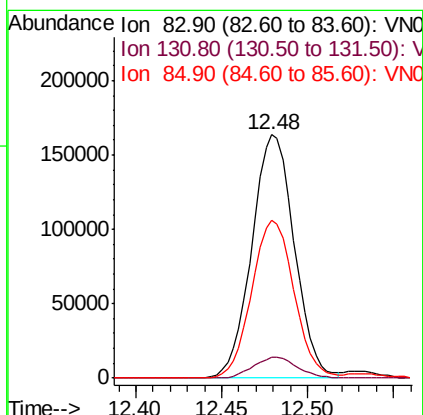
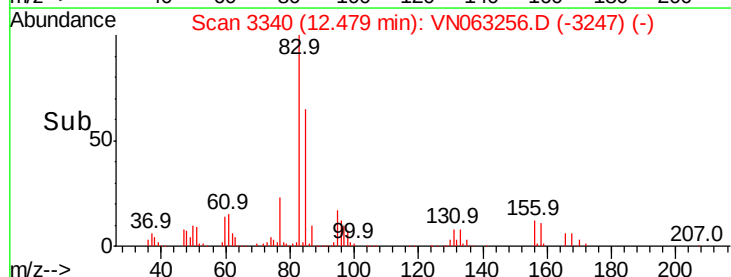
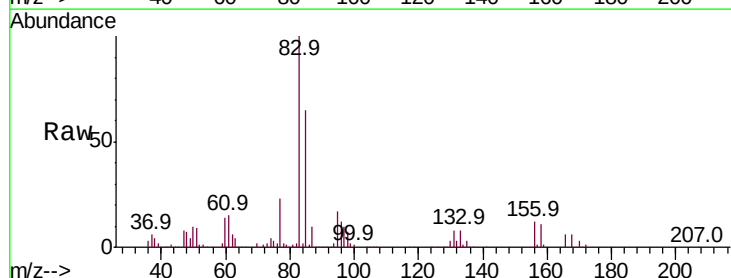
RT: 12.48 min Scan# 3340

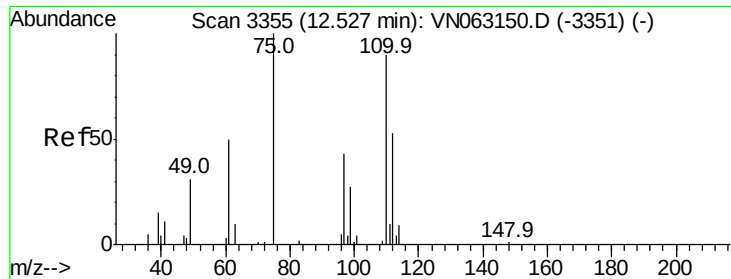
Delta R.T. -0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.1	4.7	14.0
85	64.6	32.7	98.1





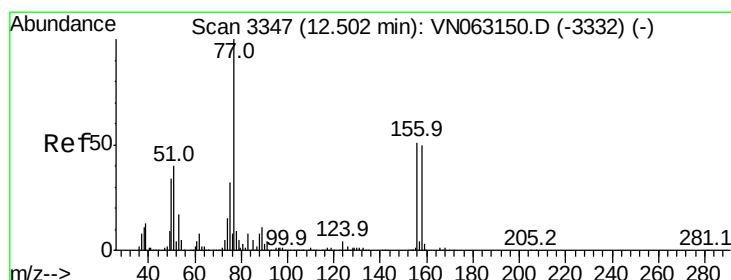
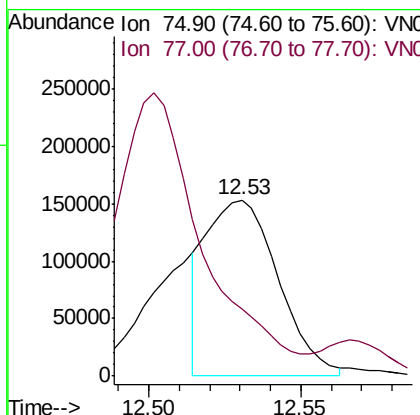
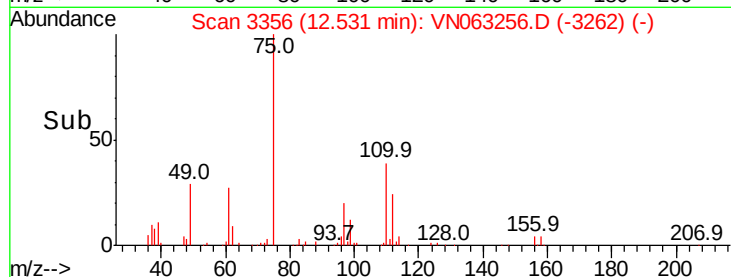
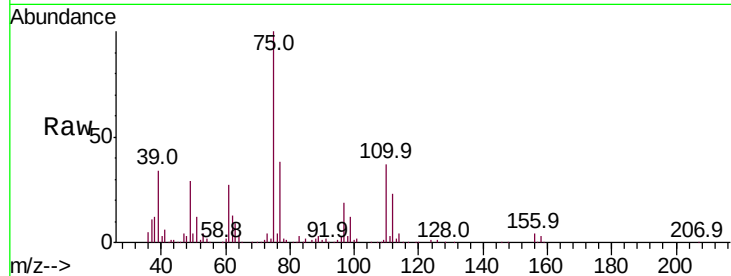
#76
1,2,3-Trichloropropane
Concen: 51.274 ug/l m
RT: 12.53 min Scan# 3356
Delta R.T. 0.00 min
Lab File: VN063256.D
Acq: 4 Sep 2020 18:36

Instrument :
MSVOA_N
ClientSampled :
SA-MW131I-20200901MS

Tot Ion: 75 Resp: 251273
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

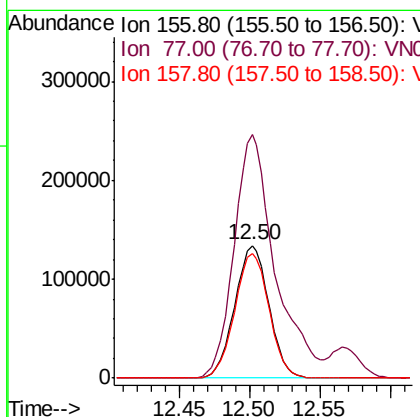
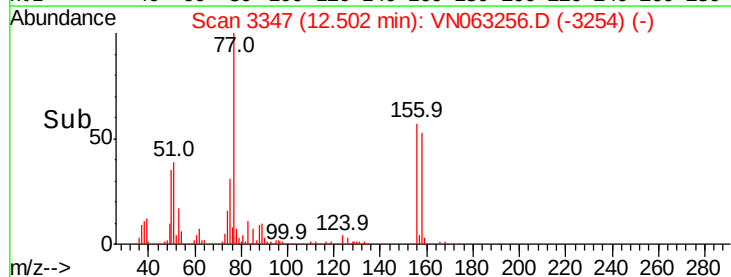
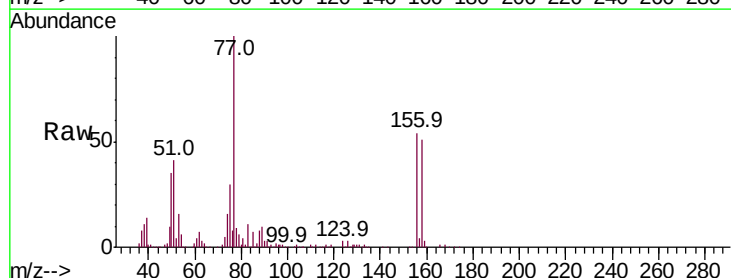
Manual Integrations
APPROVED

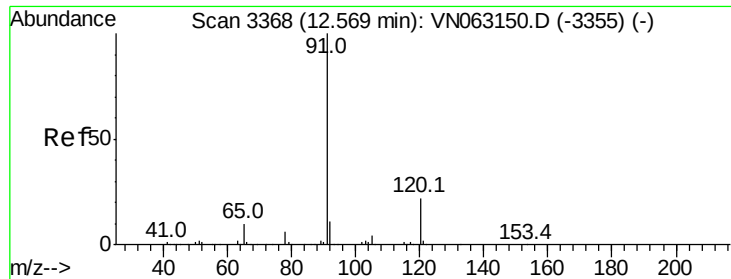
MMDadoda
9/8/2020 1:33:22 PM



#77
Bromobenzene
Concen: 52.608 ug/l
RT: 12.50 min Scan# 3347
Delta R.T. -0.00 min
Lab File: VN063256.D
Acq: 4 Sep 2020 18:36

Tgt Ion: 156 Resp: 227608
Ion Ratio Lower Upper
156 100
77 219.0 116.1 348.3
158 94.8 48.8 146.4





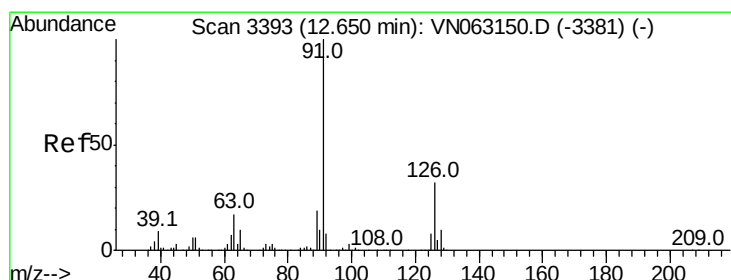
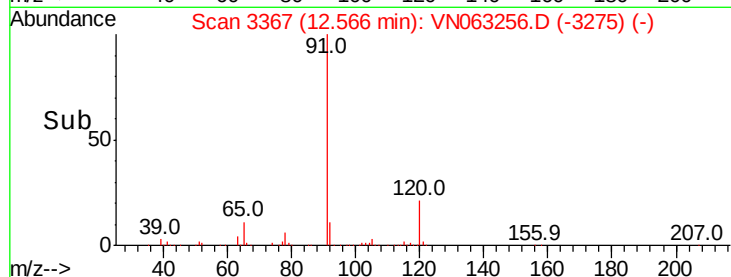
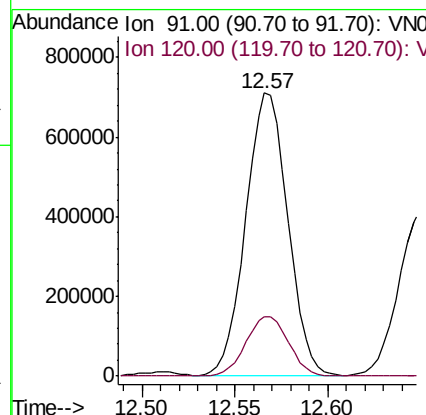
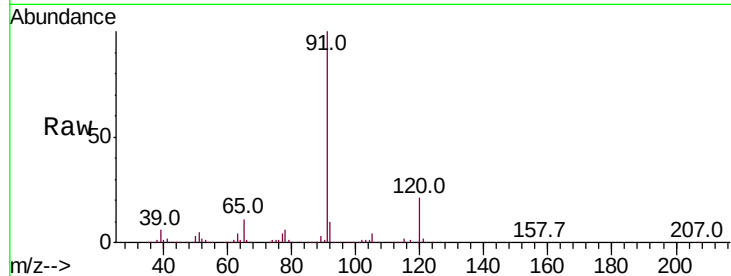
#78
n-propylbenzene
Concen: 50.339 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. -0.00 min
Lab File: VN063256.D
Acq: 4 Sep 2020 18:36

Instrument :
MSVOA_N
ClientSampleId :
SA-MW131I-20200901MS

Tot Ion: 91 Resp: 1114329
Ion Ratio Lower Upper
91 100
120 21.5 10.9 32.7

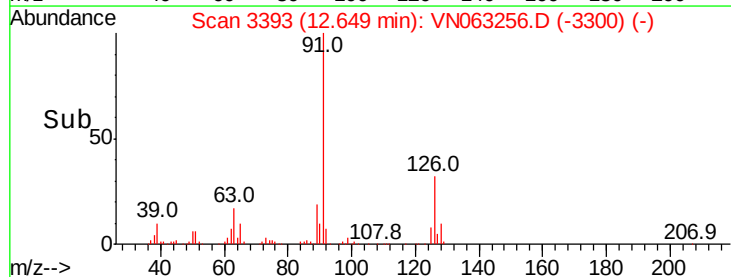
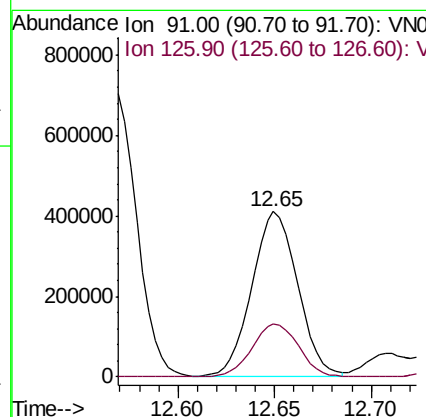
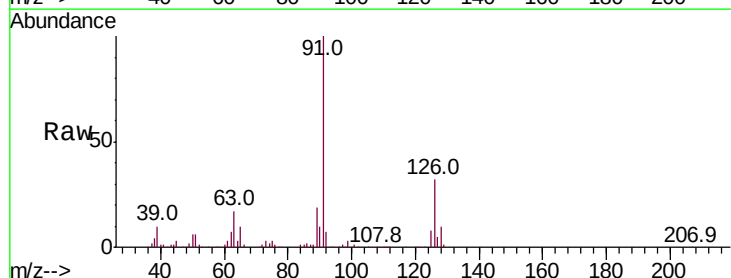
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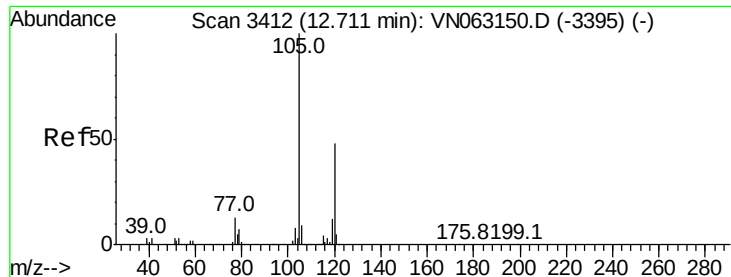
MMDadoda
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#79
2-Chlorotoluene
Concen: 50.875 ug/l
RT: 12.65 min Scan# 3393
Delta R.T. -0.00 min
Lab File: VN063256.D
Acq: 4 Sep 2020 18:36

Tgt Ion: 91 Resp: 674537
Ion Ratio Lower Upper
91 100
126 32.8 16.1 48.3





#80

1,3,5-Trimethylbenzene

Concen: 49.523 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

Instrument :

MSVOA_N

ClientSampleId :

SA-MW131I-20200901MS

Tot Ion:105 Resp: 788567

Ion Ratio Lower Upper

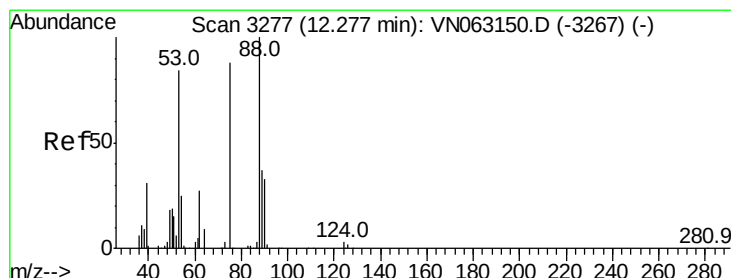
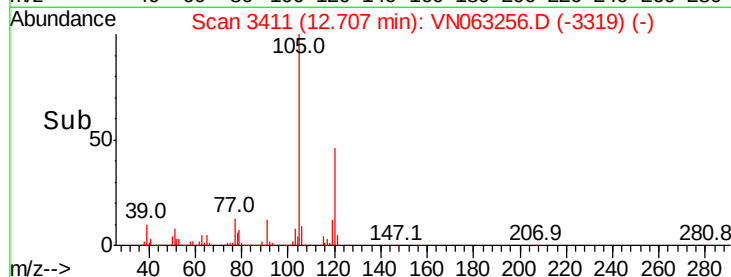
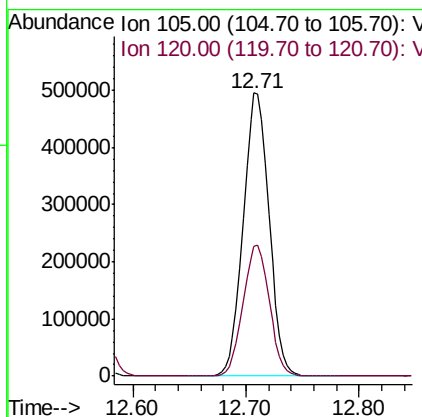
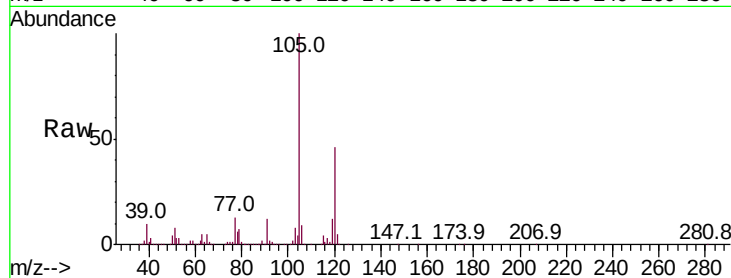
105 100

120 47.2 24.2 72.6

Manual Integrations
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#81

trans-1,4-Dichloro-2-butene

Concen: 44.504 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. -0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

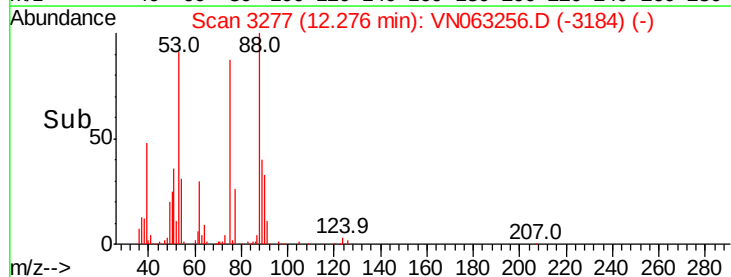
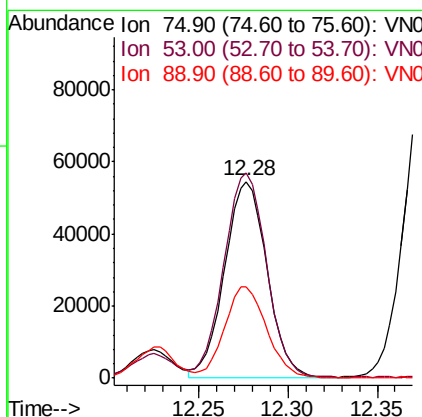
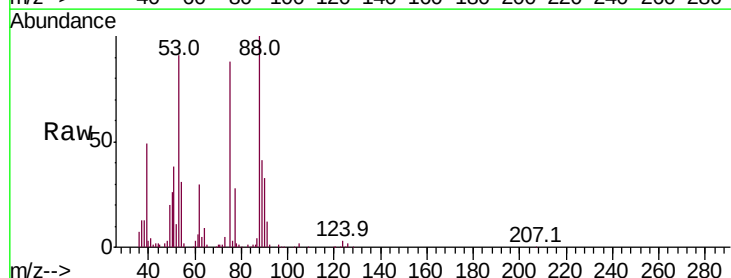
Tgt Ion: 75 Resp: 90234

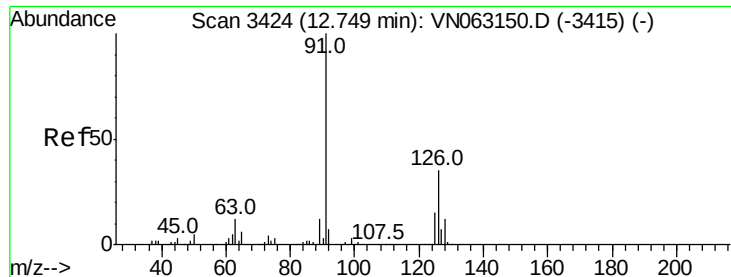
Ion Ratio Lower Upper

75 100

53 104.6 78.7 118.1

89 46.4 35.3 52.9





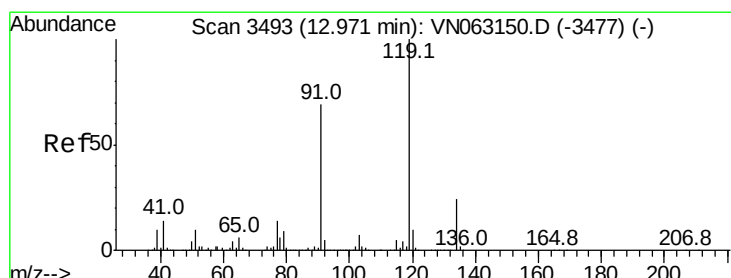
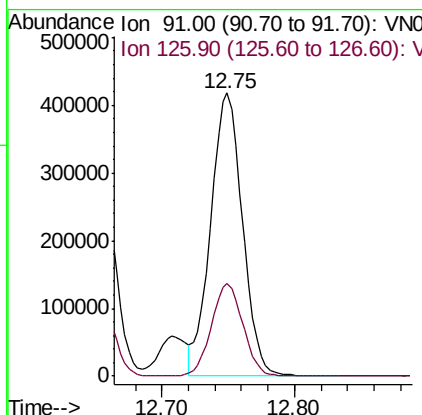
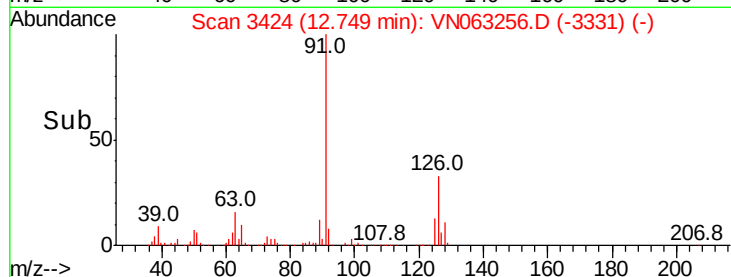
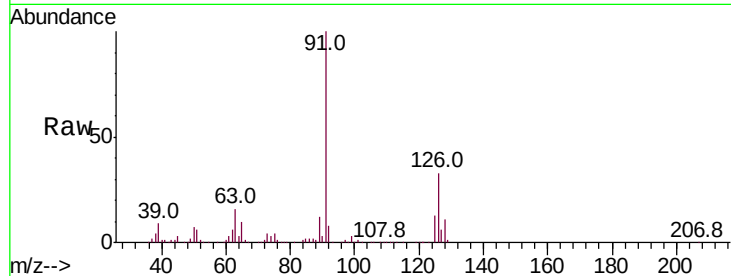
#82
4-Chlorotoluene
Concen: 50.388 ug/l
RT: 12.75 min Scan# 3424
Delta R.T. -0.00 min
Lab File: VN063256.D
Acq: 4 Sep 2020 18:36

Instrument :
MSVOA_N
ClientSampleId :
SA-MW131I-20200901MS

Tot Ion: 91 Resp: 692883
Ion Ratio Lower Upper
91 100
126 32.4 16.2 48.5

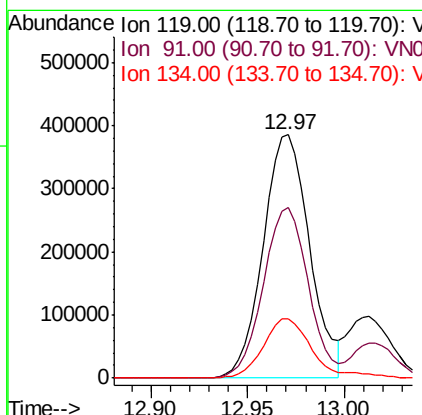
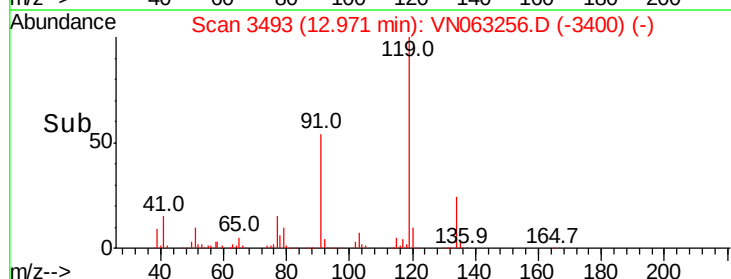
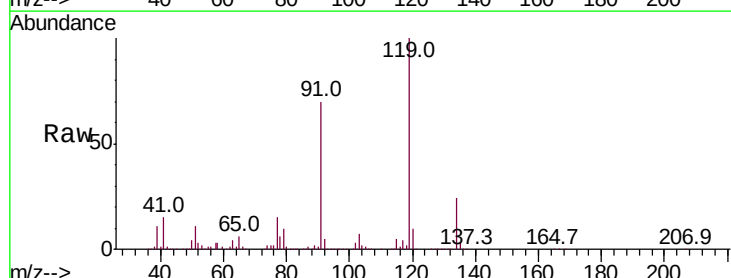
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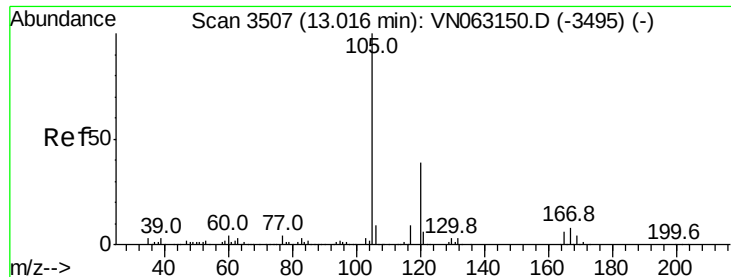
MMDadoda
9/8/2020 1:33:22 PM



#83
tert-Butylbenzene
Concen: 47.246 ug/l
RT: 12.97 min Scan# 3493
Delta R.T. -0.00 min
Lab File: VN063256.D
Acq: 4 Sep 2020 18:36

Tgt Ion: 119 Resp: 645203
Ion Ratio Lower Upper
119 100
91 67.7 33.7 101.0
134 25.7 12.0 36.0





#84

1,2,4-Trimethylbenzene

Concen: 50.555 ug/l

RT: 13.02 min Scan# 3507

Delta R.T. -0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

Instrument :

MSVOA_N

ClientSampleId :

SA-MW131I-20200901MS

Tot Ion:105 Resp: 811417

Ion Ratio Lower Upper

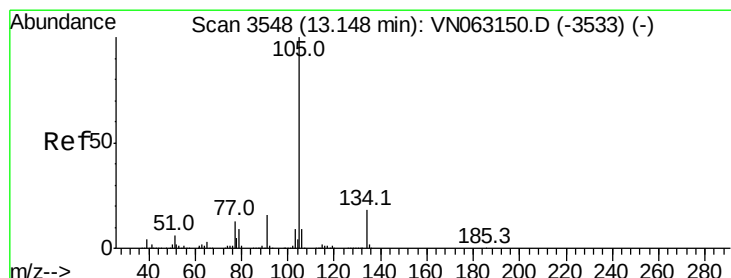
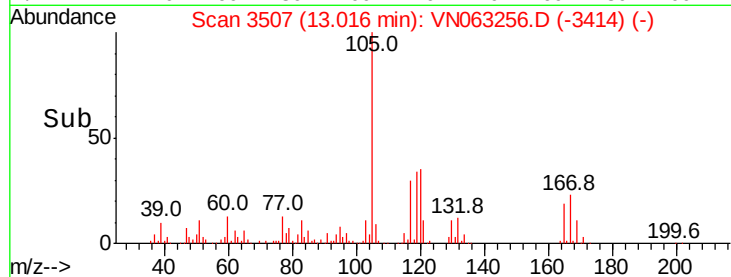
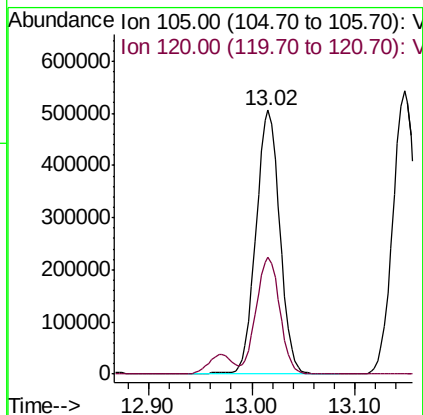
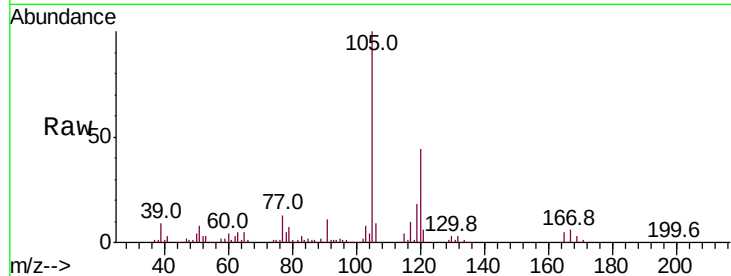
105 100

120 44.0 22.6 67.7

Manual Integrations
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#85

sec-Butylbenzene

Concen: 47.835 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. -0.00 min

Lab File: VN063256.D

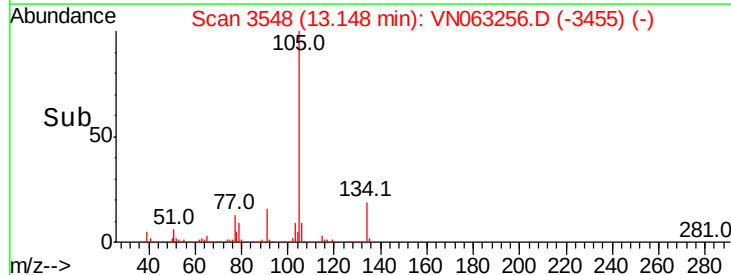
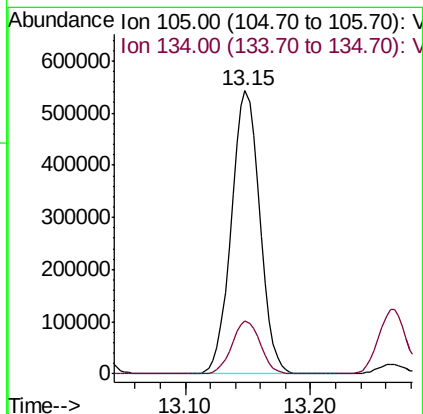
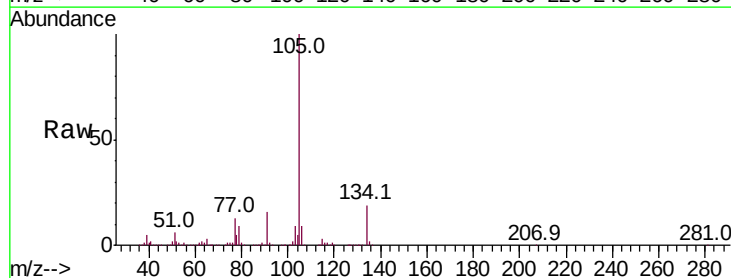
Acq: 4 Sep 2020 18:36

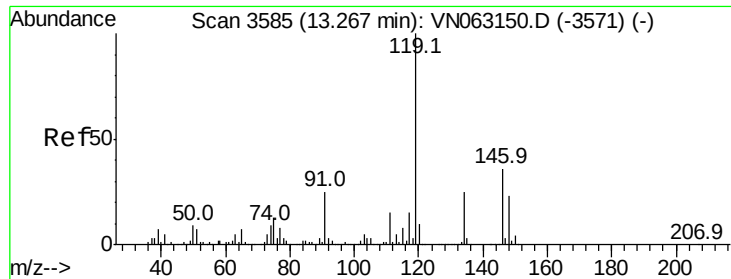
Tgt Ion:105 Resp: 851362

Ion Ratio Lower Upper

105 100

134 18.9 9.4 28.3





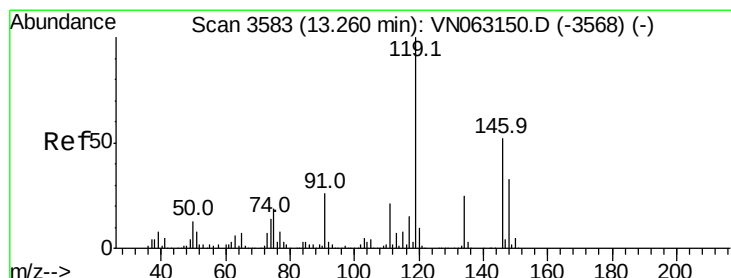
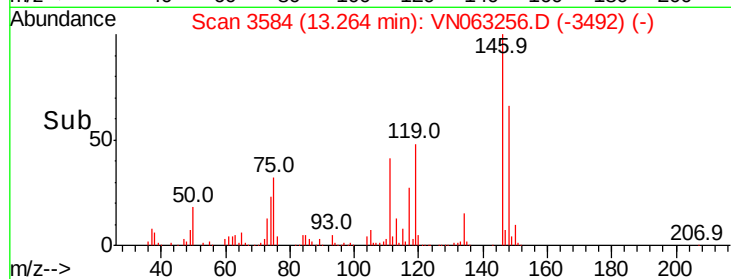
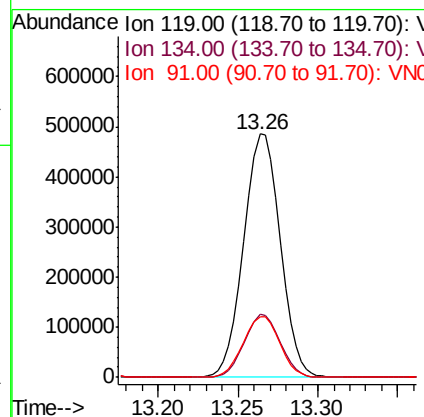
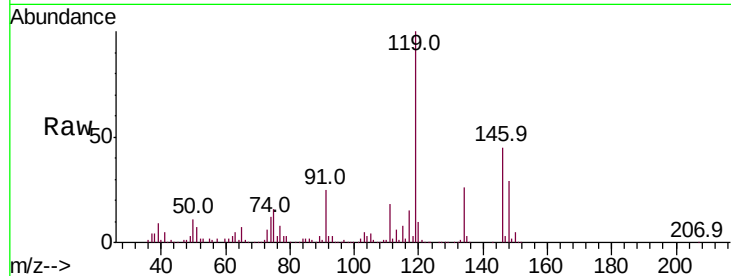
#86
 p-Isopropyltoluene
 Concen: 47.785 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN063256.D
 Acq: 4 Sep 2020 18:36

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-MW131I-20200901MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	755055		
134	25.4		12.4	37.4
91	25.1		12.2	36.6

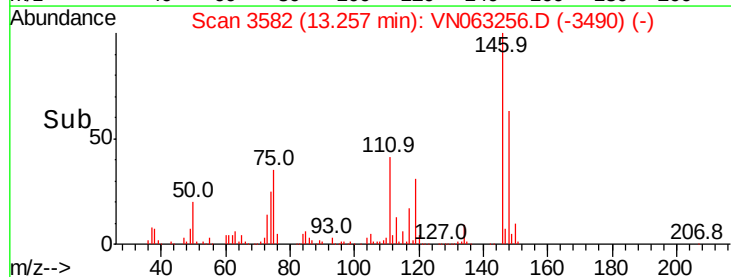
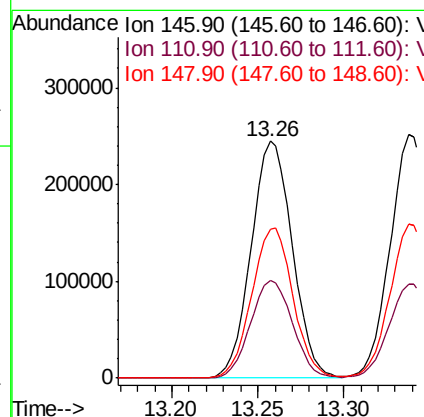
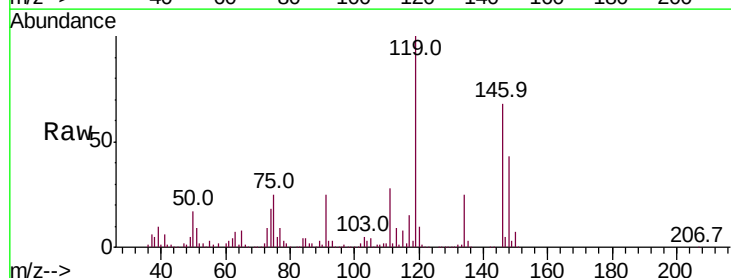
Manual Integrations
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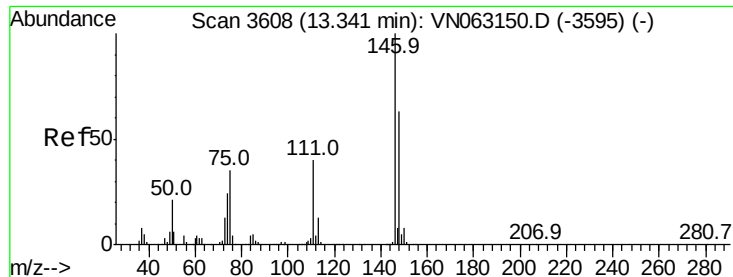
MMDadoda
 9/8/2020 1:33:22 PM



#87
 1,3-Dichlorobenzene
 Concen: 51.148 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063256.D
 Acq: 4 Sep 2020 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	406522		
111	42.0		21.3	63.7
148	63.4		31.9	95.9





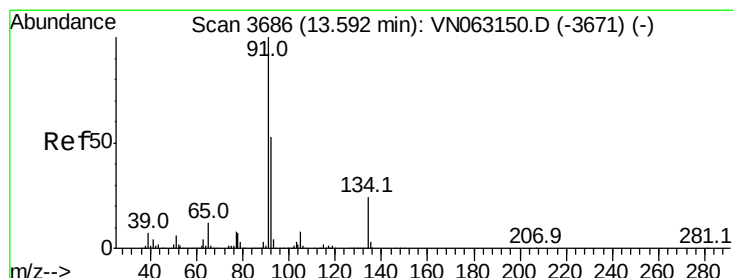
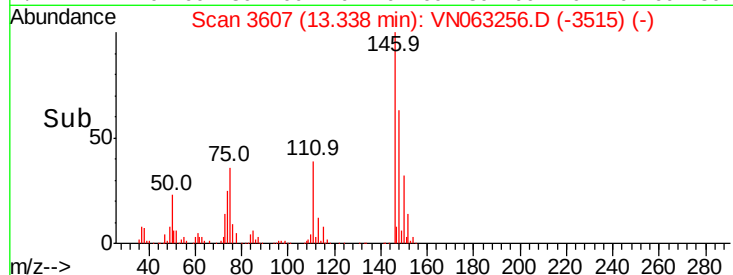
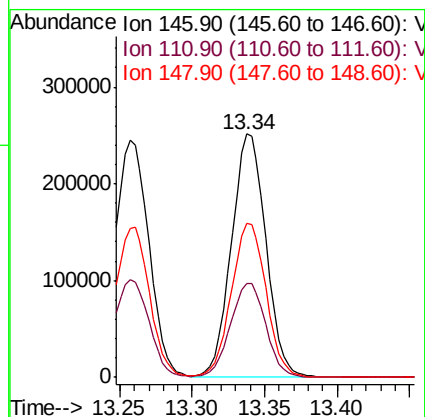
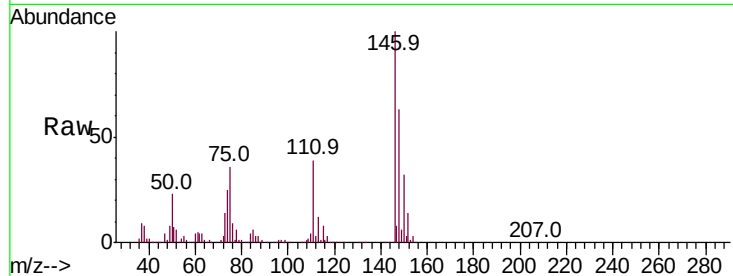
#88
 1,4-Dichlorobenzene
 Concen: 50.293 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063256.D
 Acq: 4 Sep 2020 18:36

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-MW131I-20200901MS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	413899		
111	39.5	20.5	61.5	
148	63.7	31.9	95.7	

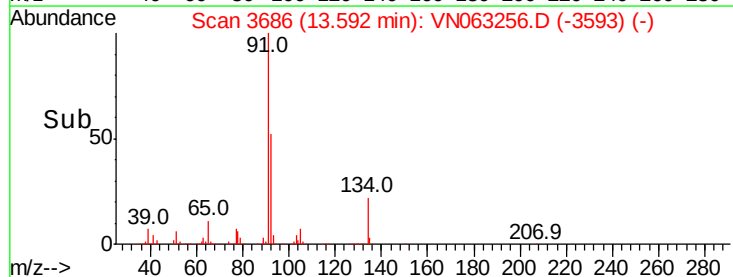
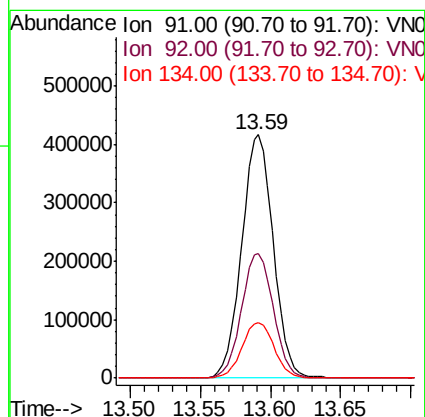
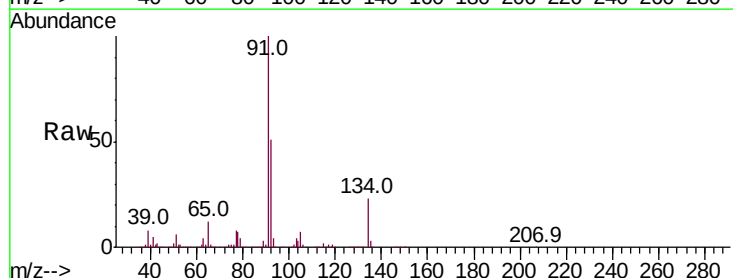
Manual Integrations
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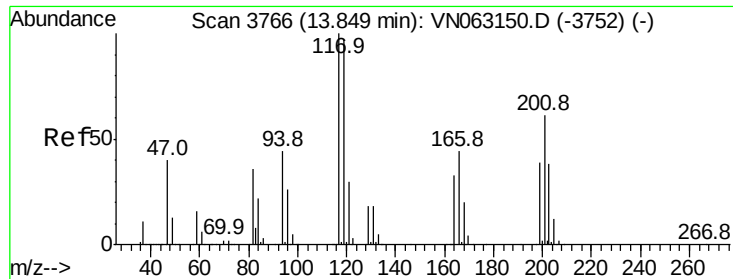
MMDadoda
 9/8/2020 1:33:22 PM



#89
 n-Butylbenzene
 Concen: 44.817 ug/l
 RT: 13.59 min Scan# 3686
 Delta R.T. -0.00 min
 Lab File: VN063256.D
 Acq: 4 Sep 2020 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	654224		
92	51.9	26.3	78.8	
134	23.3	12.0	36.0	





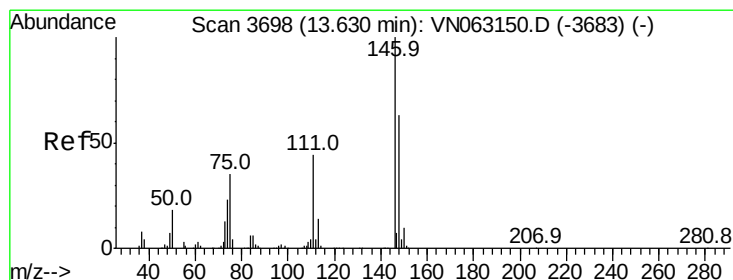
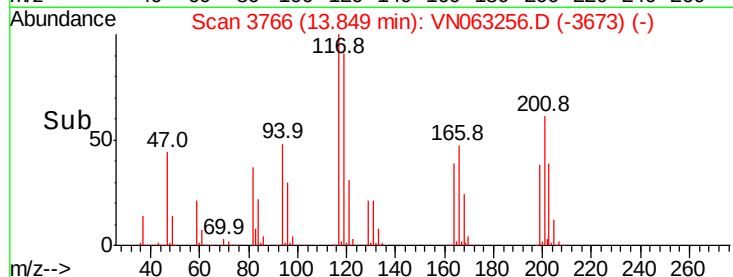
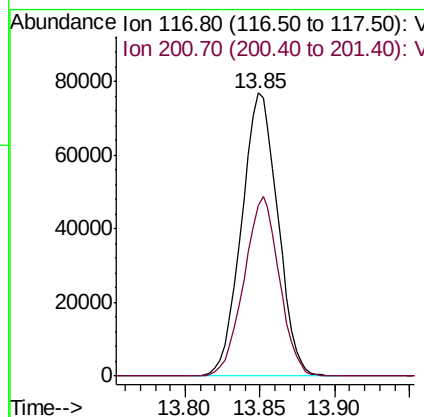
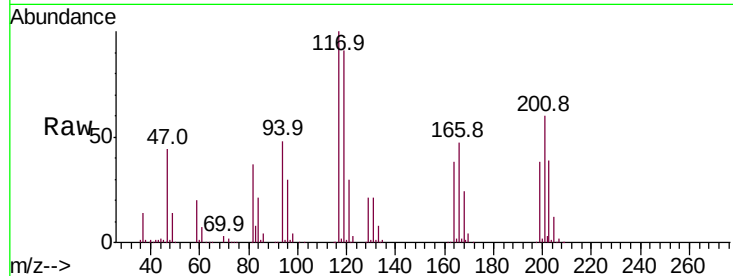
#90
Hexachloroethane
Concen: 44.305 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN063256.D
Acq: 4 Sep 2020 18:36

Instrument :
MSVOA_N
ClientSampleId :
SA-MW131I-20200901MS

Tot Ion	Ratio	Resp	Lower	Upper
117	100	129595		
201	61.7	30.6	92.0	

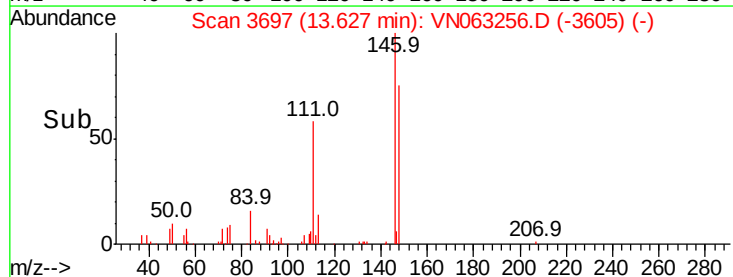
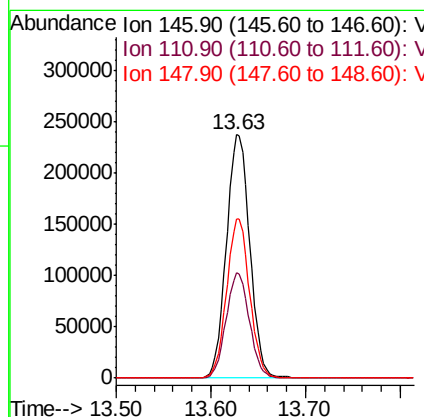
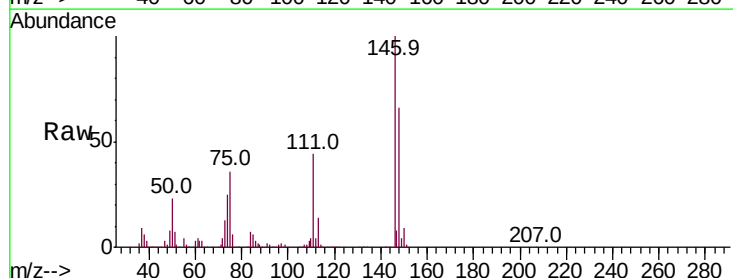
Manual Integrations
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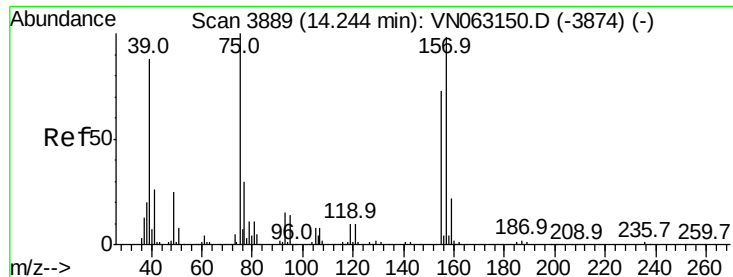
MMDadoda
9/8/2020 1:33:22 PM



#91
1,2-Dichlorobenzene
Concen: 52.972 ug/l
RT: 13.63 min Scan# 3697
Delta R.T. -0.00 min
Lab File: VN063256.D
Acq: 4 Sep 2020 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	408562		
111	43.1	22.0	66.0	
148	64.3	31.6	95.0	





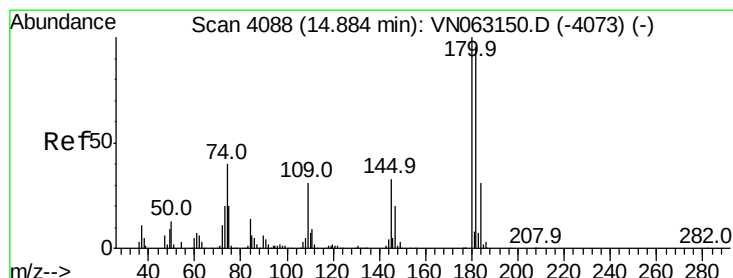
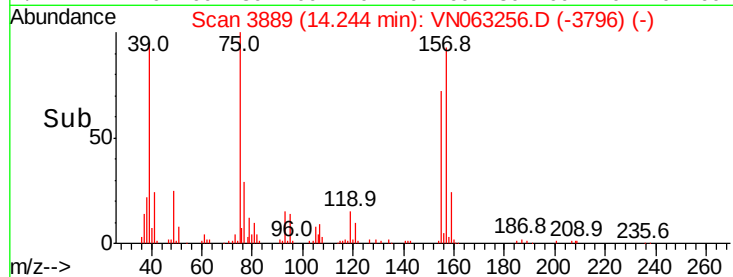
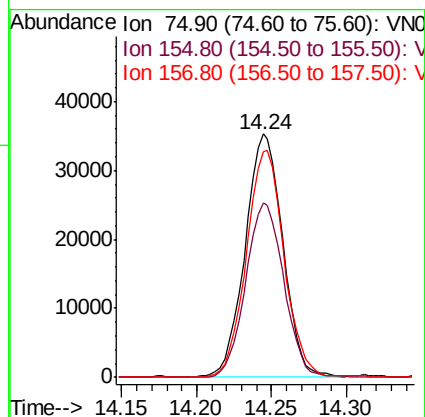
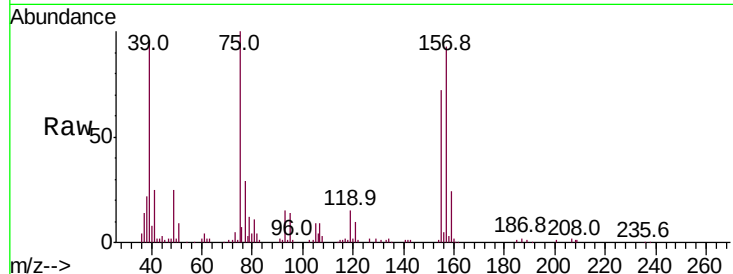
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.017 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. -0.00 min
 Lab File: VN063256.D
 Acq: 4 Sep 2020 18:36

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-MW131I-20200901MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	72.6	36.1	108.5
157	93.1	48.4	145.0

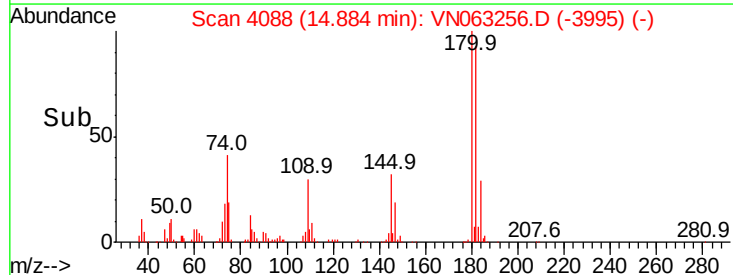
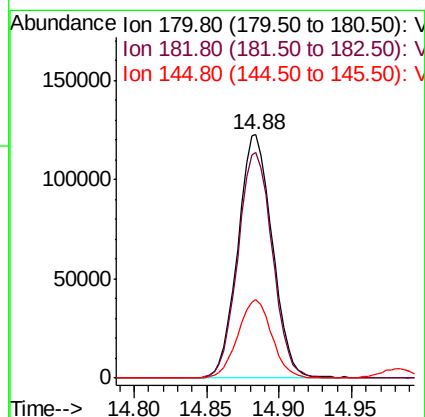
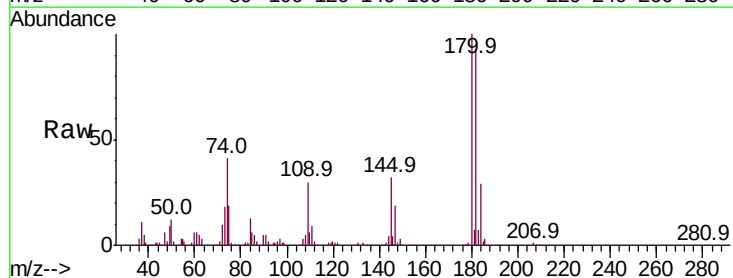
Manual Integrations
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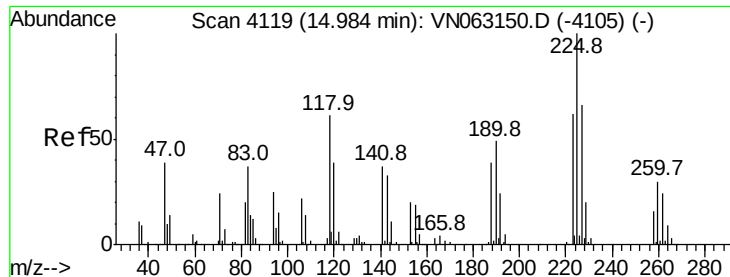
MMDadoda
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#93
 1,2,4-Trichlorobenzene
 Concen: 47.117 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. -0.00 min
 Lab File: VN063256.D
 Acq: 4 Sep 2020 18:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.9	47.5	142.5
145	31.9	16.6	49.8





#94

Hexachlorobutadiene

Concen: 41.511 ug/l

RT: 14.98 min Scan# 4119

Delta R.T. -0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

Instrument :

MSVOA_N

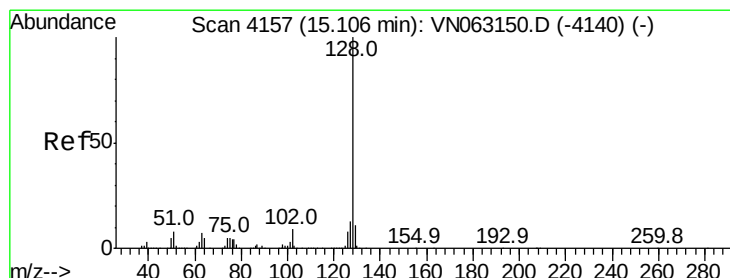
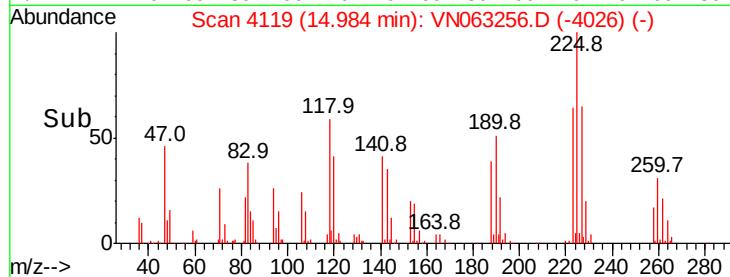
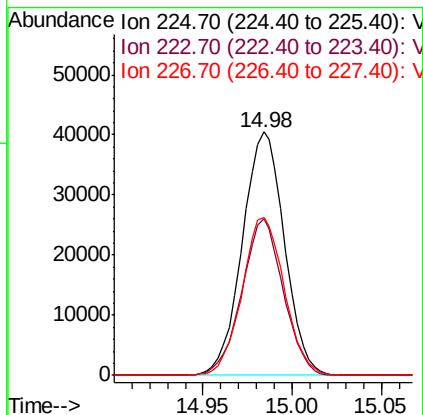
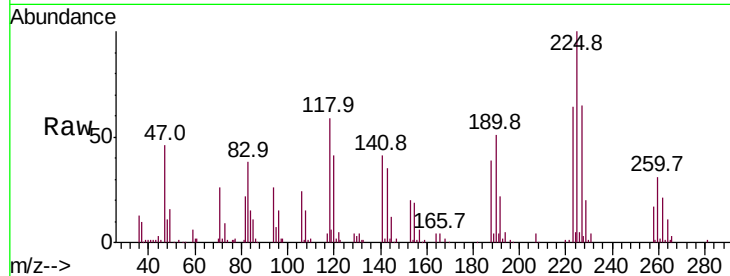
ClientSampleId :

SA-MW131I-20200901MS

Tot Ion:	225	Resp:	66822
Ion Ratio	Lower	Upper	
225	100		
223	63.1	30.9	92.7
227	65.0	32.9	98.7

Manual Integrations
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#95

Naphthalene

Concen: 48.737 ug/l

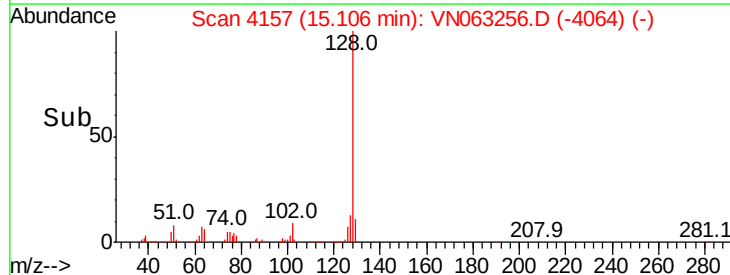
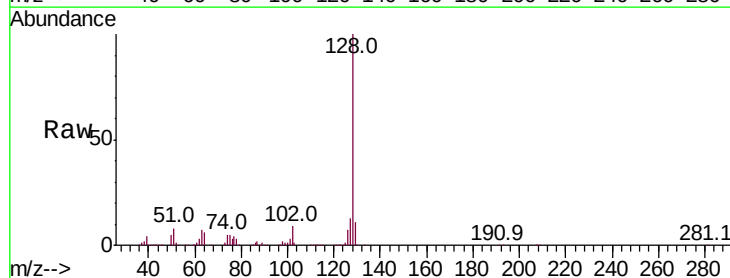
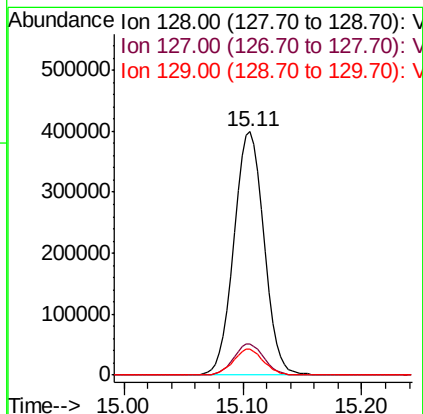
RT: 15.11 min Scan# 4157

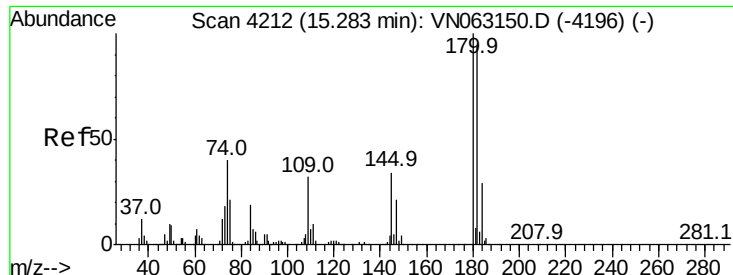
Delta R.T. -0.00 min

Lab File: VN063256.D

Acq: 4 Sep 2020 18:36

Tgt Ion:	128	Resp:	700658
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.5	15.7
129	10.7	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 46.396 ug/l
 RT: 15.29 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN063256.D
 Acq: 4 Sep 2020 18:36

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-MW131I-20200901MS

Tot Ion:	180	Resp:	194778
Ion Ratio	Lower	Upper	
180	100		
182	96.9	47.5	142.5
145	33.6	17.3	52.0

Manual Integrations
 APPROVED

MMDadoda
 9/8/2020 1:33:22 PM

