

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092320\
 Data File : VN063610.D
 Acq On : 24 Sep 2020 00:53
 Operator : JC/MD
 Sample : VN0923WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBS02

Manual Integrations
 APPROVED

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 9/24/2020 1:38:22 PM

Quant Time: Sep 24 05:23:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	238595	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	426687	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	394657	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	181797	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	201303	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
35) Dibromofluoromethane	7.55	113	140173	47.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.90%	
50) Toluene-d8	10.06	98	528375	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	
62) 4-Bromofluorobenzene	12.38	95	198214	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	47347	17.516	ug/l	99
3) Chloromethane	2.04	50	58836	16.454	ug/l	94
4) Vinyl Chloride	2.16	62	57611	18.184	ug/l	100
5) Bromomethane	2.54	94	38000	20.201	ug/l	98
6) Chloroethane	2.68	64	36713	18.878	ug/l	96
7) Trichlorofluoromethane	2.99	101	91087	19.270	ug/l	100
8) Diethyl Ether	3.38	74	32221	17.486	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	49903	18.773	ug/l	98
10) Methyl Iodide	3.92	142	57057	16.486	ug/l	97
11) Tert butyl alcohol	4.73	59	47762	84.885	ug/l #	82
12) 1,1-Dichloroethene	3.70	96	47807	17.756	ug/l	97
13) Acrolein	3.57	56	14717	70.580	ug/l	97
14) Allyl chloride	4.28	41	85147	15.987	ug/l	96
15) Acrylonitrile	4.94	53	126872	88.645	ug/l #	91
16) Acetone	3.78	43	117247	89.824	ug/l	98
17) Carbon Disulfide	4.01	76	121602	15.527	ug/l	100
18) Methyl Acetate	4.28	43	62735	18.932	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	177664	17.704	ug/l	97
20) Methylene Chloride	4.51	84	59234	17.911	ug/l	94
21) trans-1,2-Dichloroethene	5.00	96	53278	17.860	ug/l	89
22) Diisopropyl ether	5.90	45	191274	17.610	ug/l	97
23) Vinyl Acetate	5.85	43	773675	86.729	ug/l	98
24) 1,1-Dichloroethane	5.80	63	107764	18.172	ug/l	99
25) 2-Butanone	6.79	43	177391	88.363	ug/l	94
26) 2,2-Dichloropropane	6.78	77	71435	13.682	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	61441	18.197	ug/l	100
28) Bromochloromethane	7.15	49	50539	18.458	ug/l	99
29) Tetrahydrofuran	7.17	42	119024	86.809	ug/l	99
30) Chloroform	7.33	83	112937	18.982	ug/l	98
31) Cyclohexane	7.61	56	90245	16.088	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	97323	18.391	ug/l	99
36) 1,1-Dichloropropene	7.76	75	77337	17.013	ug/l	97
37) Ethyl Acetate	6.88	43	73382	16.448	ug/l	98
38) Carbon Tetrachloride	7.74	117	82252	17.726	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	75153	15.233	ug/l	99
40) Benzene	8.00	78	229388	17.677	ug/l	97
41) Methacrylonitrile	7.13	41	33277	16.584	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	94835	18.173	ug/l	99
43) Isopropyl Acetate	8.13	43	132532	16.613	ug/l	99
44) Trichloroethene	8.80	130	58307	18.526	ug/l	96
45) 1,2-Dichloropropane	9.09	63	63575	17.988	ug/l	98
46) Dibromomethane	9.17	93	42879	18.459	ug/l	100
47) Bromodichloromethane	9.37	83	86301	17.883	ug/l	99
48) Methyl methacrylate	9.17	41	63453	16.189	ug/l	94
49) 1,4-Dioxane	9.16	88	18401	327.152	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	401376	89.872	ug/l	99
52) Toluene	10.13	92	144488	18.520	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	86876	16.126	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	92936	16.354	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	58411	18.849	ug/l	97
56) Ethyl methacrylate	10.40	69	80528	16.646	ug/l	96
57) 1,3-Dichloropropane	10.68	76	99915	17.879	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.67	63	200544	79.022	ug/l	98
59) 2-Hexanone	10.72	43	284530	87.938	ug/l	98
60) Dibromochloromethane	10.87	129	61830	17.661	ug/l	100
61) 1,2-Dibromoethane	10.98	107	58795	18.262	ug/l	100
64) Tetrachloroethene	10.60	164	53171	19.786	ug/l	99
65) Chlorobenzene	11.41	112	148698	17.750	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	54156	17.635	ug/l	96
67) Ethyl Benzene	11.49	91	278518	17.654	ug/l	99
68) m/p-Xylenes	11.59	106	199664	35.102	ug/l	100
69) o-Xylene	11.92	106	96544	17.817	ug/l	99
70) Styrene	11.94	104	164552	18.109	ug/l	99
71) Bromoform	12.10	173	38996	17.046	ug/l #	96
73) Isopropylbenzene	12.23	105	262322	18.007	ug/l	100
74) N-amyl acetate	12.05	43	110211	15.982	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	80909	17.937	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	75620m	16.805	ug/l	
77) Bromobenzene	12.50	156	61627	18.806	ug/l	97
78) n-propylbenzene	12.57	91	294929	17.382	ug/l	100
79) 2-Chlorotoluene	12.65	91	181894	17.883	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	213654	17.588	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.28	75	23540	14.343	ug/l	92
82) 4-Chlorotoluene	12.75	91	191090	17.781	ug/l	100
83) tert-Butylbenzene	12.97	119	177582	17.712	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	217092	17.692	ug/l	99
85) sec-Butylbenzene	13.15	105	232712	17.340	ug/l	99
86) p-Isopropyltoluene	13.26	119	200052	16.900	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	110488	18.191	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	110413	17.880	ug/l	97
89) n-Butylbenzene	13.59	91	173491	15.901	ug/l	98
90) Hexachloroethane	13.85	117	36182	16.052	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	109768	18.408	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	17849	16.617	ug/l	98

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ClientSampleId :
VN0923WBS02

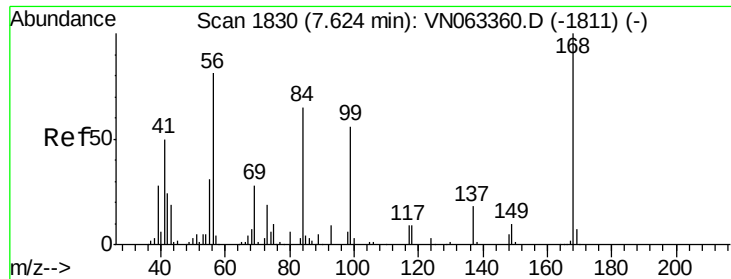
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	56050	15.944	ug/l	98
94) Hexachlorobutadiene	14.98	225	27160	18.662	ug/l	97
95) Naphthalene	15.11	128	183900	15.834	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	55423	16.317	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBS02

Tot Ion:168 Resp: 238595

Ion Ratio Lower Upper

168 100

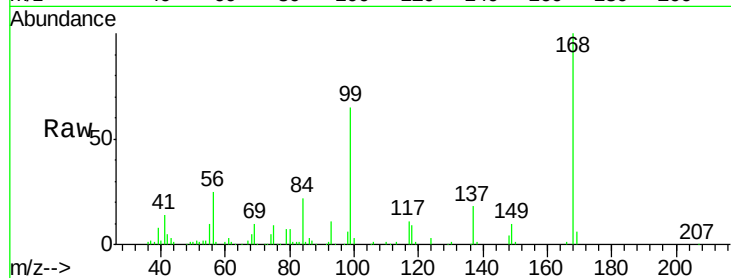
99 64.1 53.0 79.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

100000

80000

60000

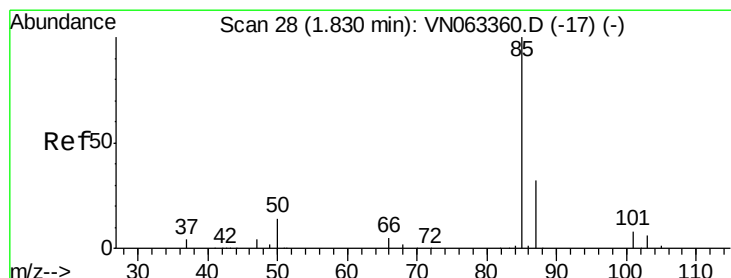
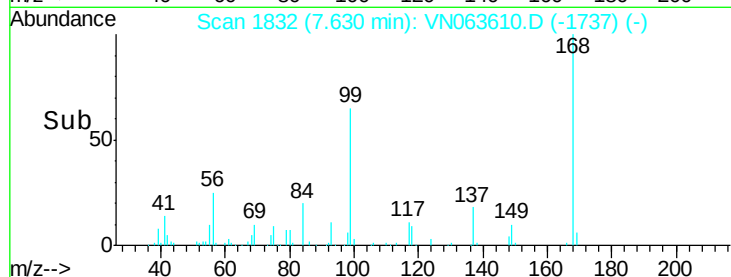
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 17.516 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063610.D

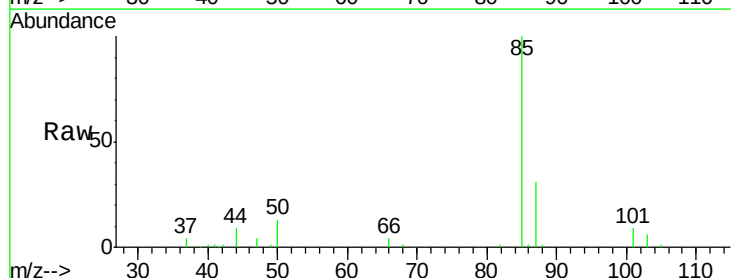
Acq: 24 Sep 2020 00:53

Tgt Ion: 85 Resp: 47347

Ion Ratio Lower Upper

85 100

87 31.4 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

40000

30000

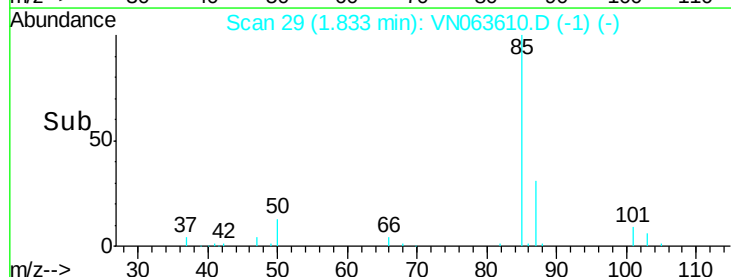
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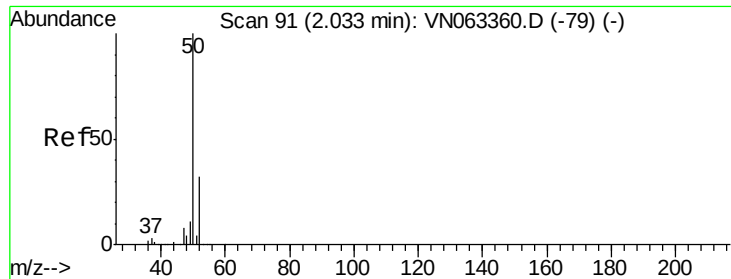
10000

0

1.80 1.85 1.90

Time-->





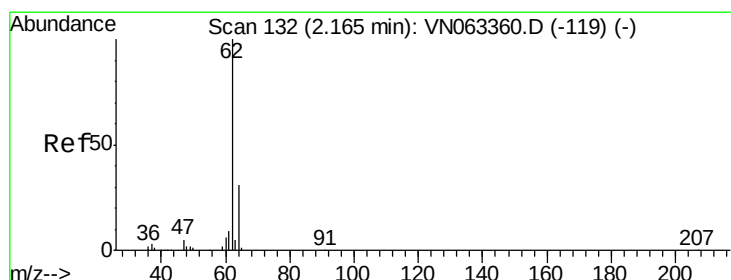
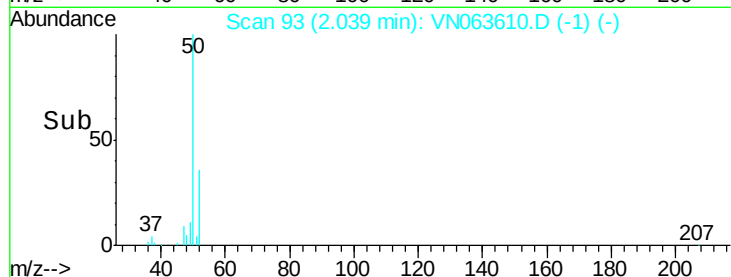
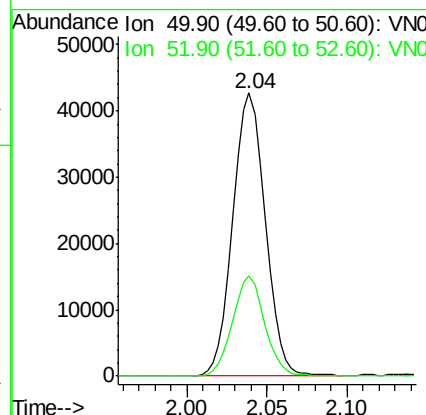
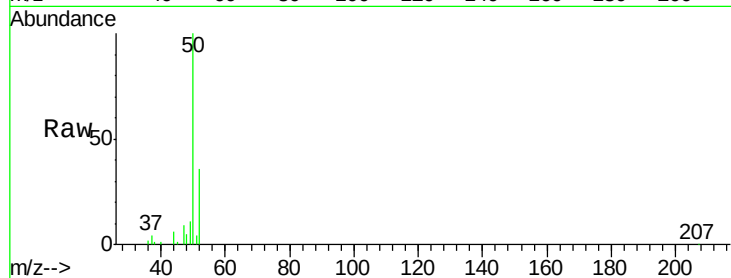
#3
Chloromethane
Concen: 16.454 ug/l
RT: 2.04 min Scan# 93
Delta R.T. 0.01 min
Lab File: VN063610.D
Acq: 24 Sep 2020 00:53

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS02

Tot Ion	Ratio	Lower	Upper
50	100		
52	35.7	25.9	38.9

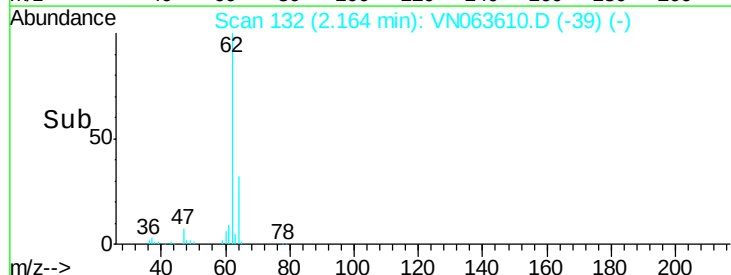
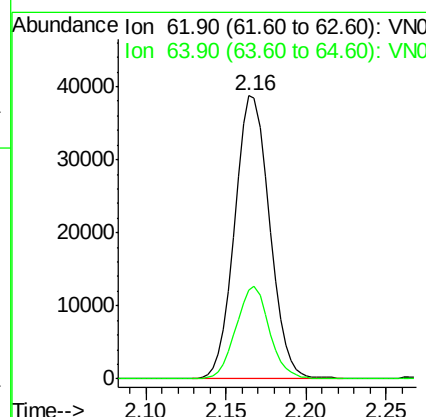
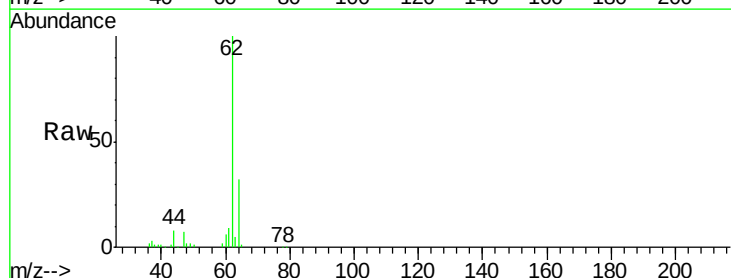
Manual Integrations
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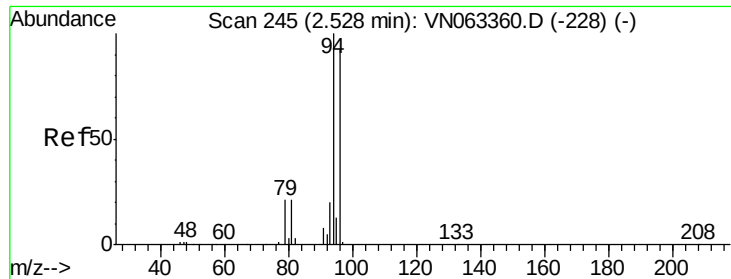
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#4
Vinyl Chloride
Concen: 18.184 ug/l
RT: 2.16 min Scan# 132
Delta R.T. -0.00 min
Lab File: VN063610.D
Acq: 24 Sep 2020 00:53

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.5	25.1	37.7





#5

Bromomethane

Concen: 20.201 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBS02

Tot Ion: 94 Resp: 38000

Ion Ratio Lower Upper

94 100

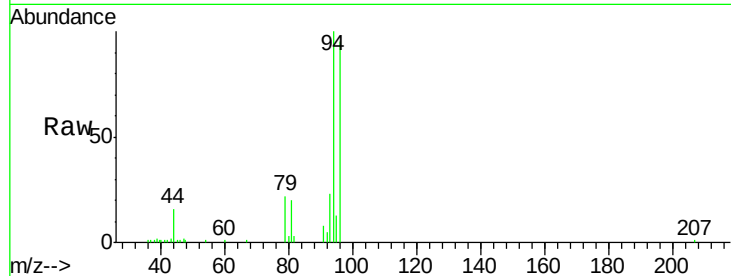
96 94.8 74.5 111.7

Manual Integrations

APPROVED

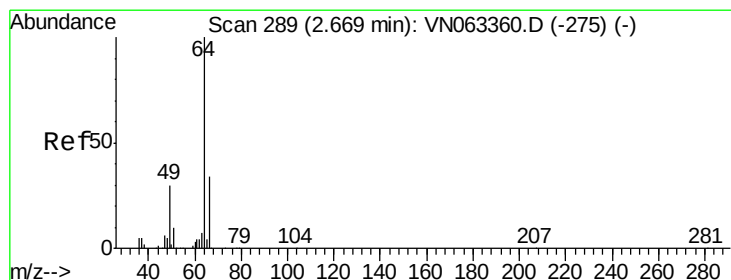
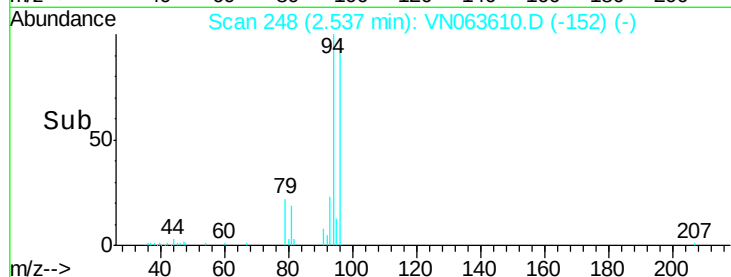
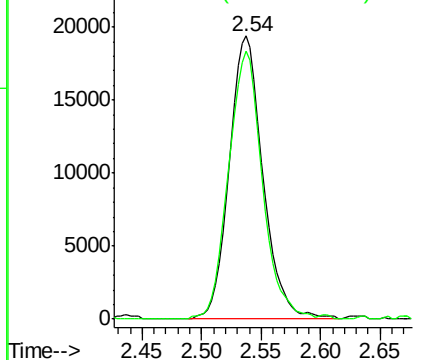
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 18.878 ug/l

RT: 2.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VN063610.D

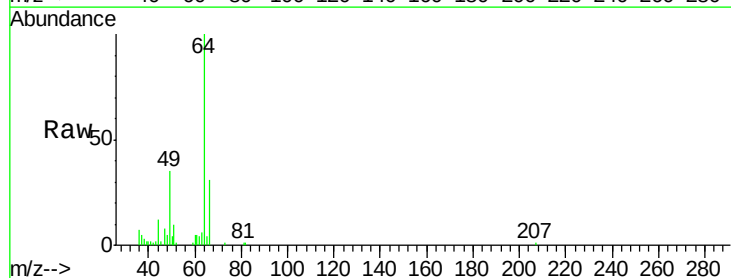
Acq: 24 Sep 2020 00:53

Tgt Ion: 64 Resp: 36713

Ion Ratio Lower Upper

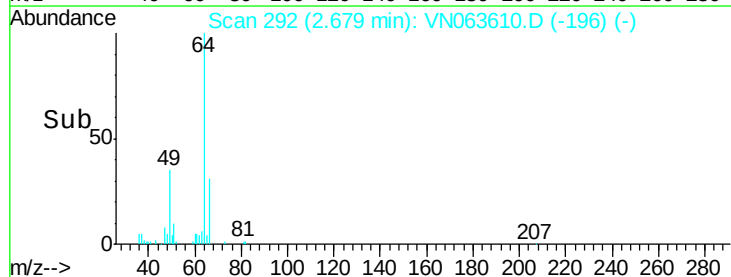
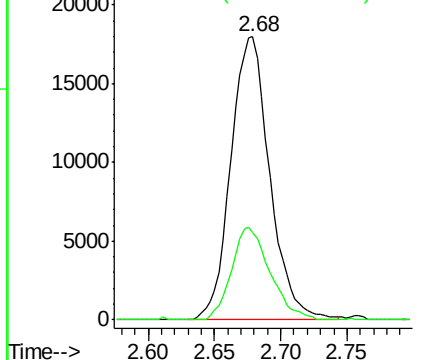
64 100

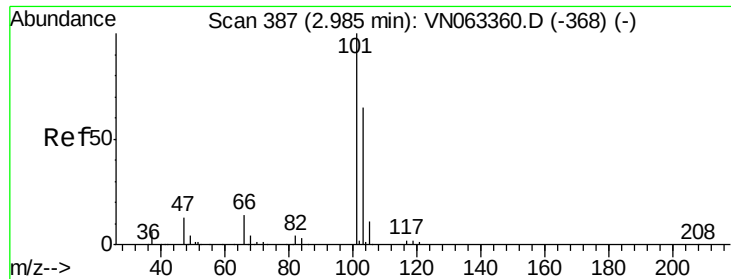
66 31.1 26.9 40.3



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

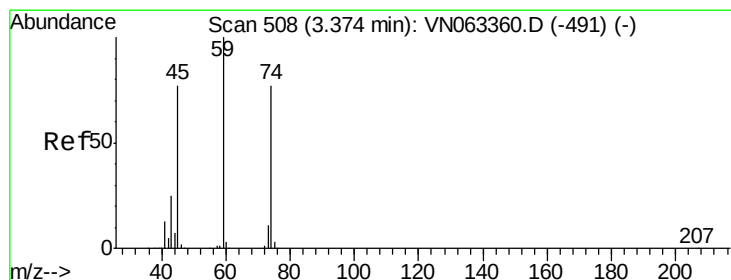
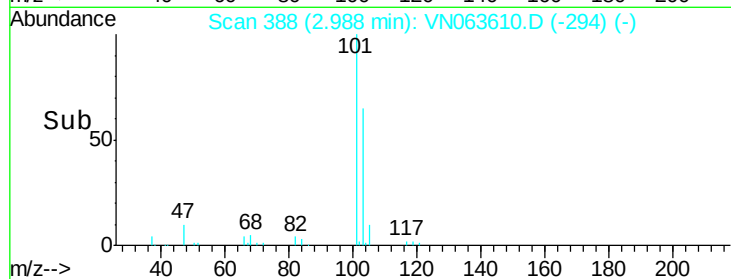
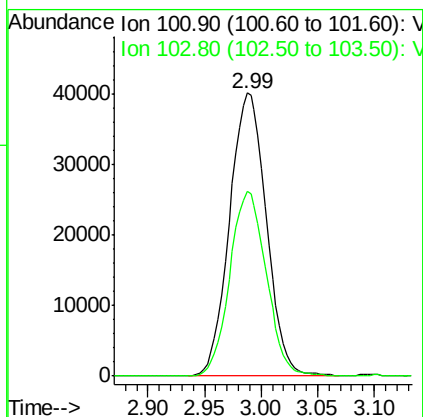
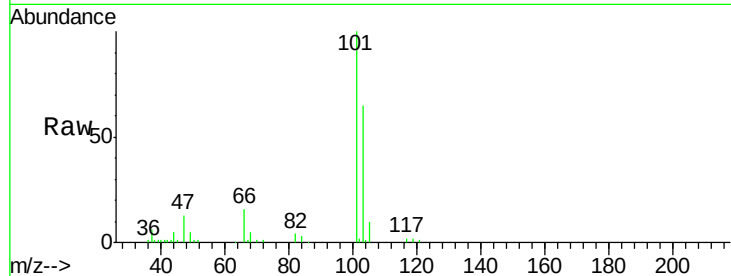
Trichlorofluoromethane
 Concen: 19.270 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN063610.D
 Acq: 24 Sep 2020 00:53

Instrument :
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 ClientSampleId :
 VN0923WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	52.3	78.5

Manual Integrations
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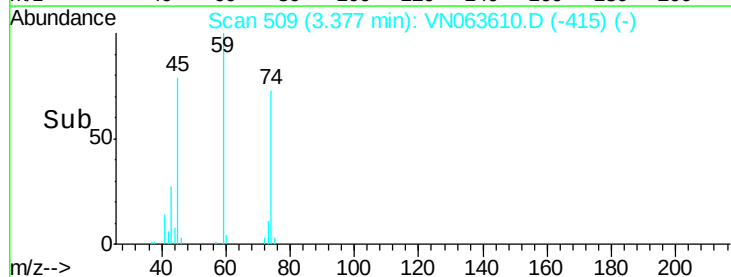
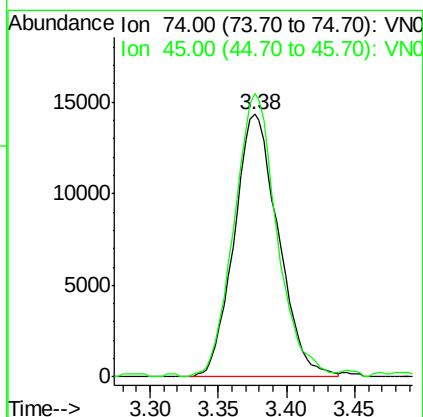
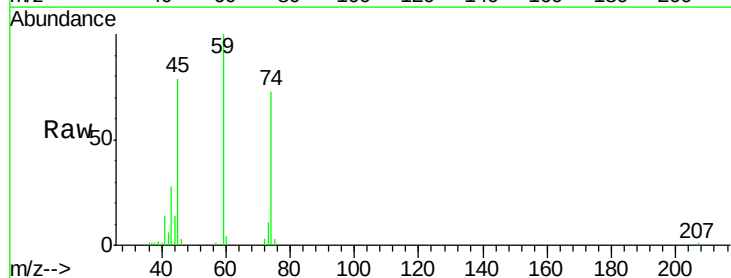
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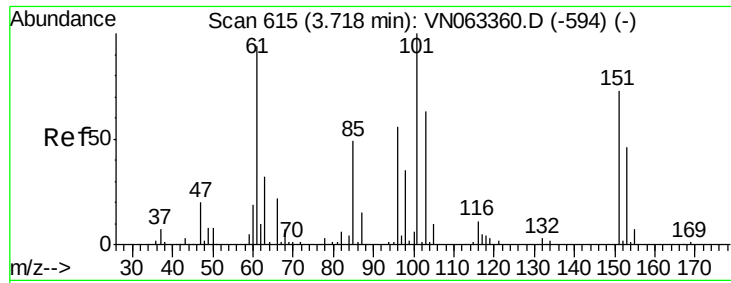


#8

Diethyl Ether
 Concen: 17.486 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN063610.D
 Acq: 24 Sep 2020 00:53

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.8	52.1	156.4





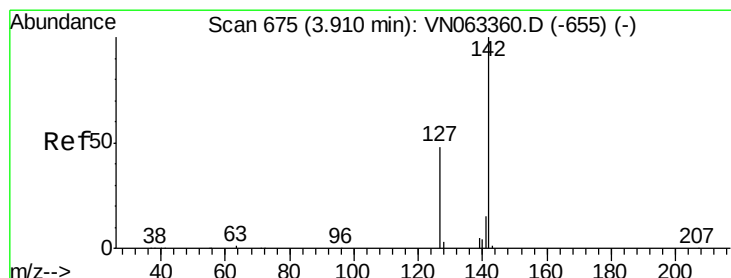
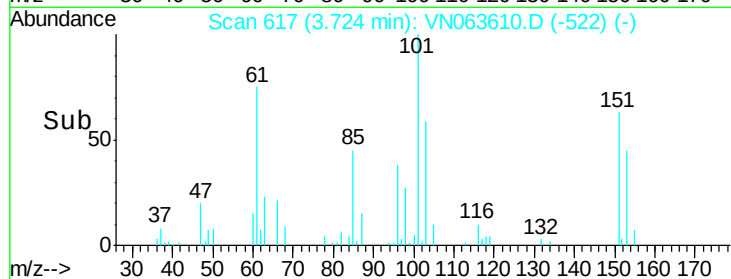
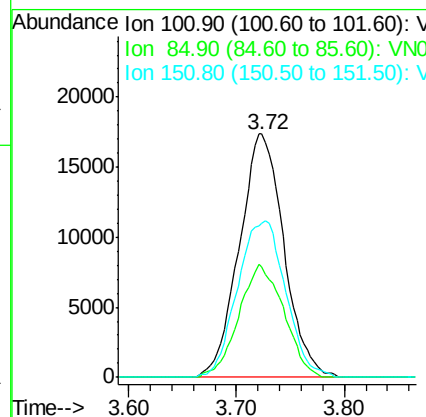
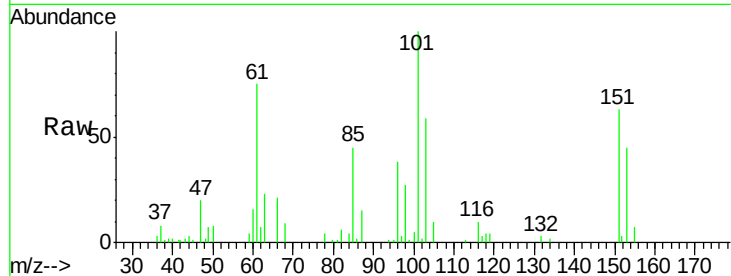
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.773 ug/l
 RT: 3.72 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: VN063610.D
 Acq: 24 Sep 2020 00:53

Instrument :
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 VN0923WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
85	46.8	37.7	56.5
151	69.5	57.7	86.5

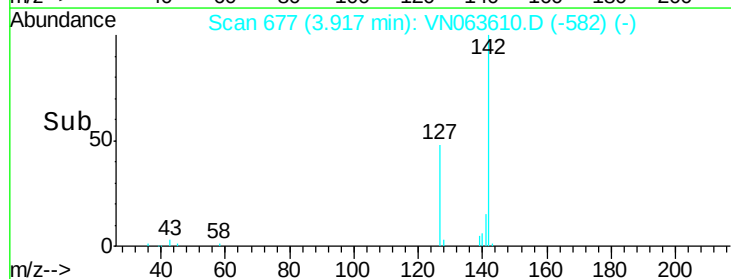
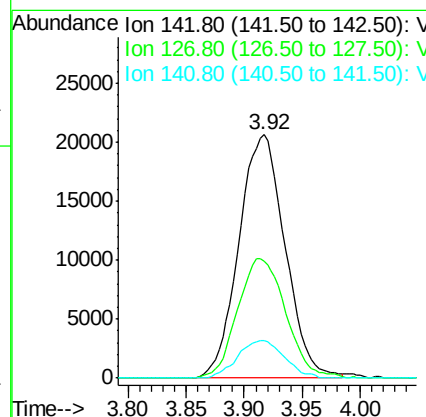
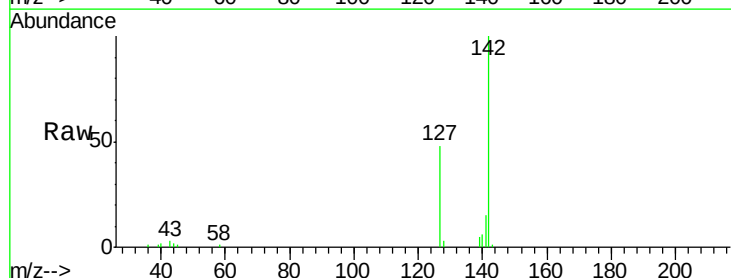
Manual Integrations
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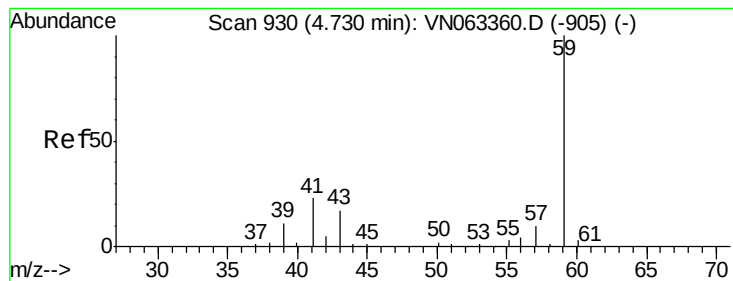
MMDadoda
 9/24/2020 1:38:22 PM



#10
 Methyl Iodide
 Concen: 16.486 ug/l
 RT: 3.92 min Scan# 677
 Delta R.T. 0.01 min
 Lab File: VN063610.D
 Acq: 24 Sep 2020 00:53

Tgt Ion	Ratio	Lower	Upper
142	100		
127	51.1	39.0	58.6
141	15.6	11.6	17.4





#11

Tert butyl alcohol

Concen: 84.885 ug/l

RT: 4.73 min Scan# 931

Delta R.T. 0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBS02

Tot Ion: 59 Resp: 47762

Ion Ratio Lower Upper

59 100

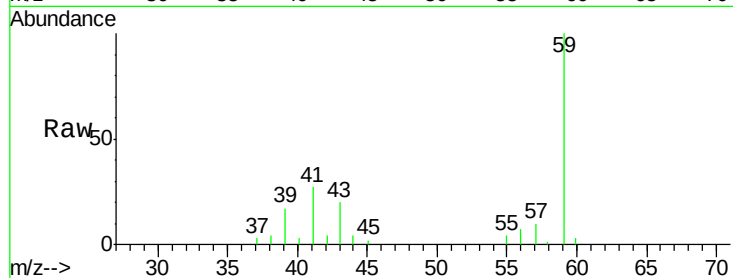
57 3.7 8.4 12.6#

Manual Integrations

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Abundance Ion 59.00 (58.70 to 59.70): VN063360.D (-905) (-)

Ion 57.00 (56.70 to 57.70): VN063360.D (-905) (-)

4.73

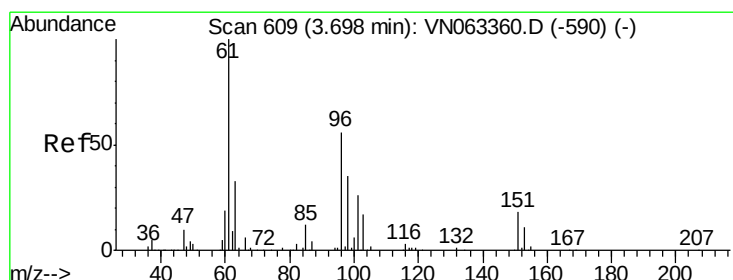
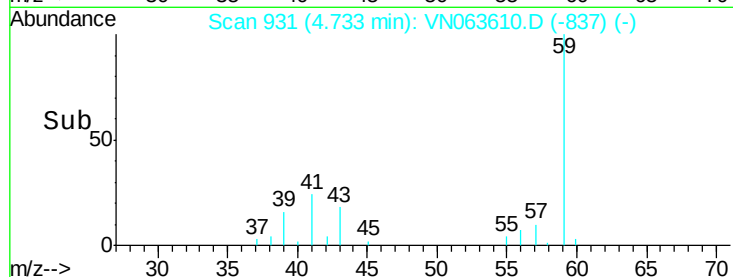
15000

10000

5000

0

Time-->



#12

1,1-Dichloroethene

Concen: 17.756 ug/l

RT: 3.70 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

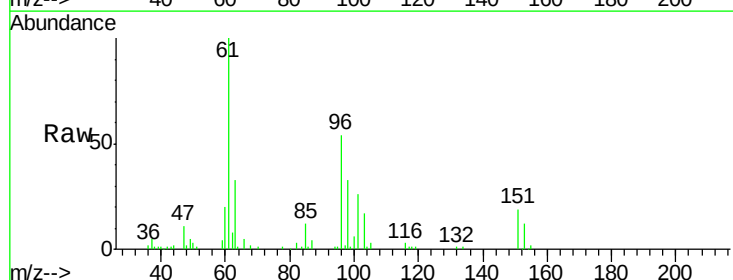
Tgt Ion: 96 Resp: 47807

Ion Ratio Lower Upper

96 100

61 183.5 143.4 215.2

98 60.8 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VN063360.D (-590) (-)

Ion 60.90 (60.60 to 61.60): VN063360.D (-590) (-)

Ion 97.90 (97.60 to 98.60): VN063360.D (-590) (-)

3.70

40000

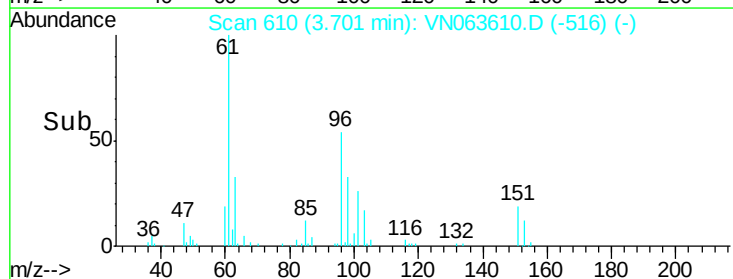
30000

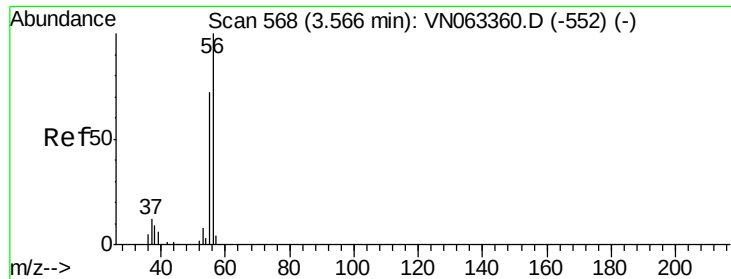
20000

10000

0

Time-->





#13

Acrolein

Concen: 70.580 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBS02

Tot Ion: 56 Resp: 14717

Ion Ratio Lower Upper

56 100

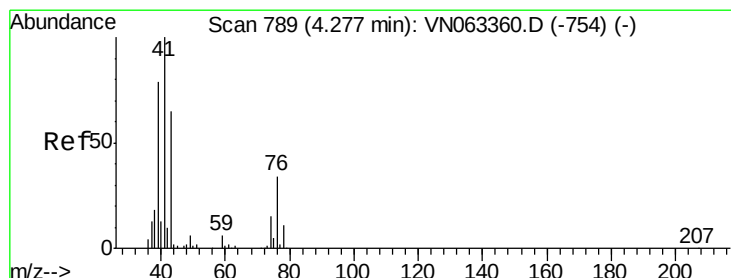
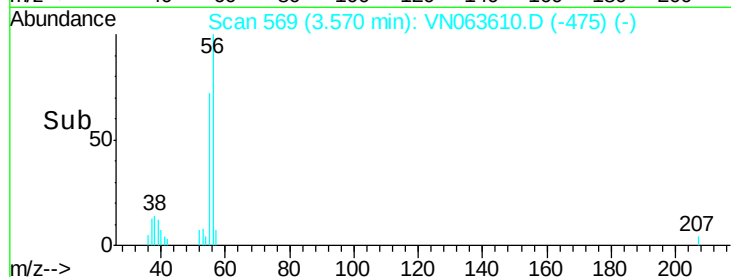
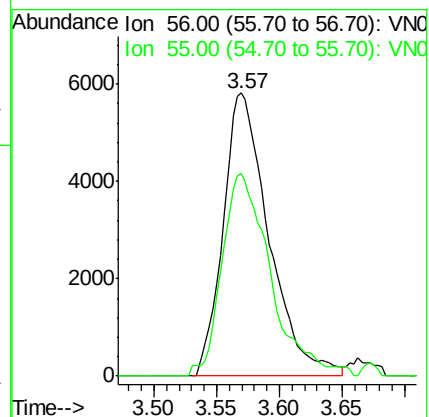
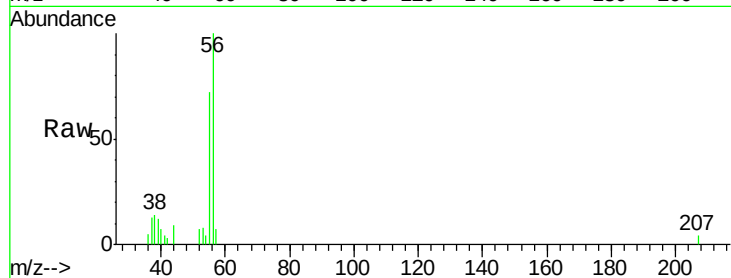
55 75.4 58.2 87.2

Manual Integrations

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#14

Allyl chloride

Concen: 15.987 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

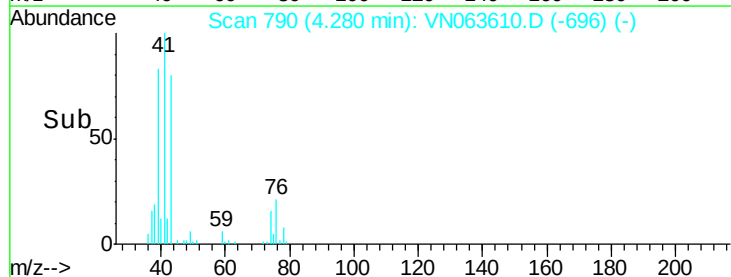
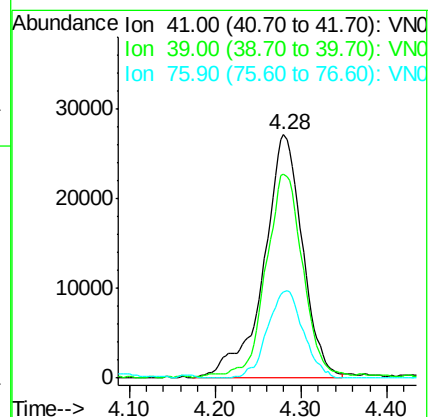
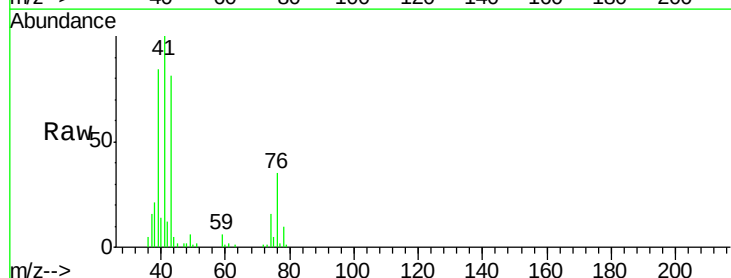
Tgt Ion: 41 Resp: 85147

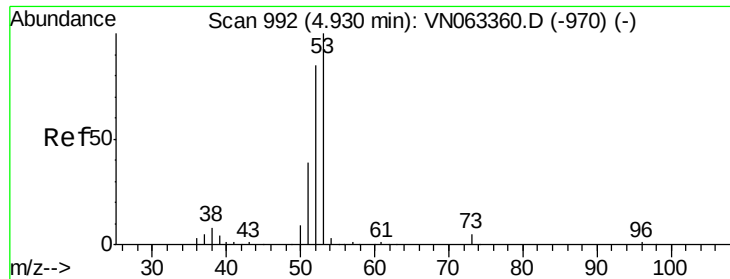
Ion Ratio Lower Upper

41 100

39 78.1 59.3 88.9

76 33.2 25.3 37.9





#15

Acrylonitrile

Concen: 88.645 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.01 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

Instrument :

MSVOA_N

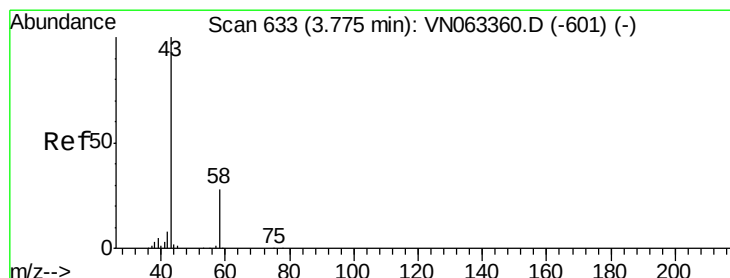
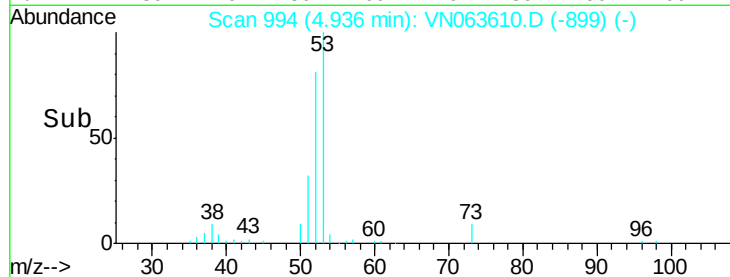
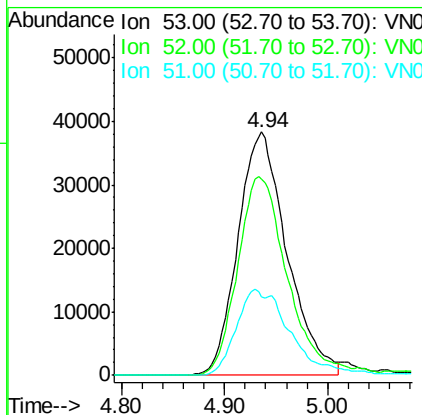
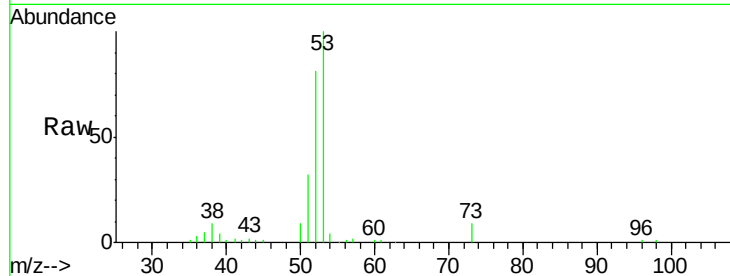
ClientSampleId :

VN0923WBS02

Tot Ion:	53	Resp:	126872
Ion Ratio	Lower	Upper	
53	100		
52	83.3	66.4	99.6
51	20.2	30.2	45.4#

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#16

Acetone

Concen: 89.824 ug/l

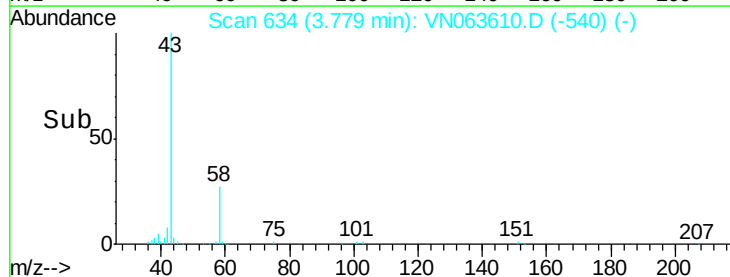
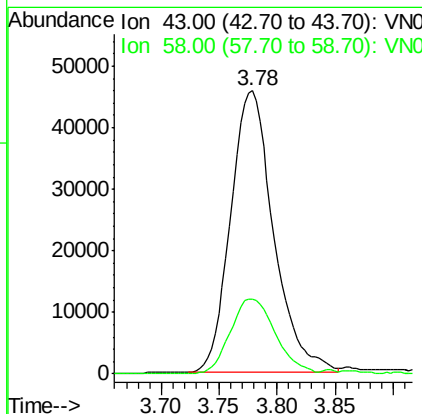
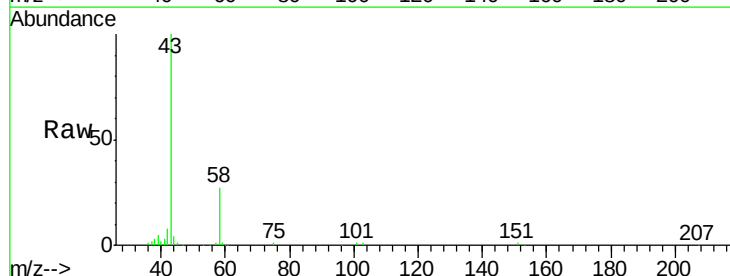
RT: 3.78 min Scan# 634

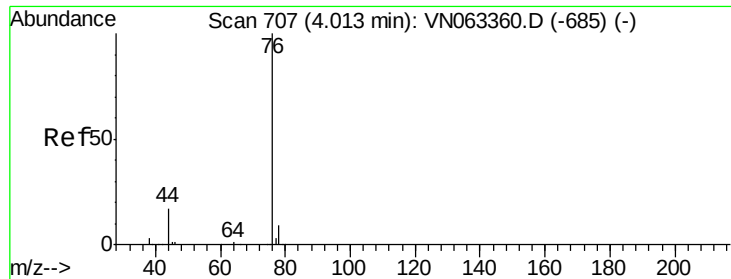
Delta R.T. 0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

Tgt Ion:	43	Resp:	117247
Ion Ratio	Lower	Upper	
43	100		
58	26.7	22.3	33.5





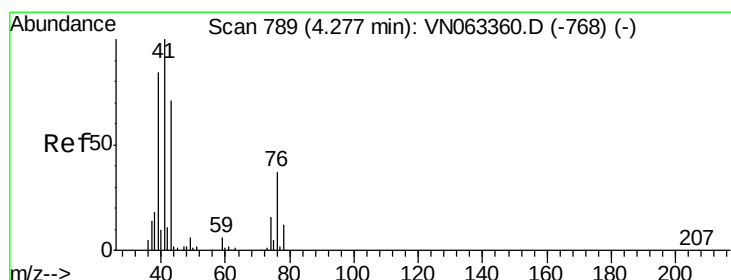
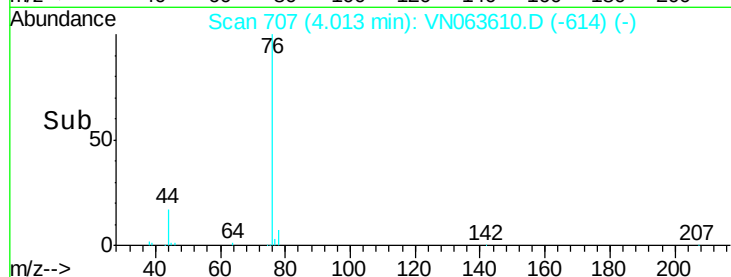
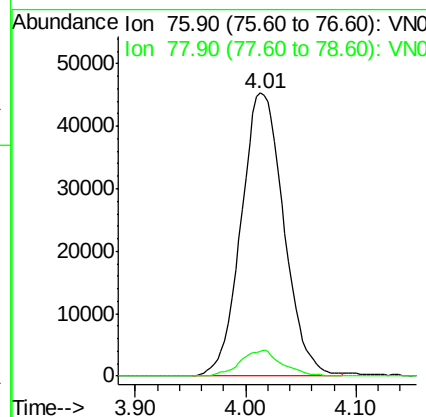
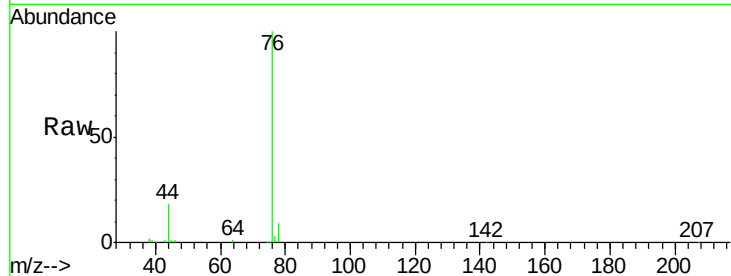
#17
Carbon Disulfide
Concen: 15.527 ug/l
RT: 4.01 min Scan# 707
Delta R.T. -0.00 min
Lab File: VN063610.D
Acq: 24 Sep 2020 00:53

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.2	10.8

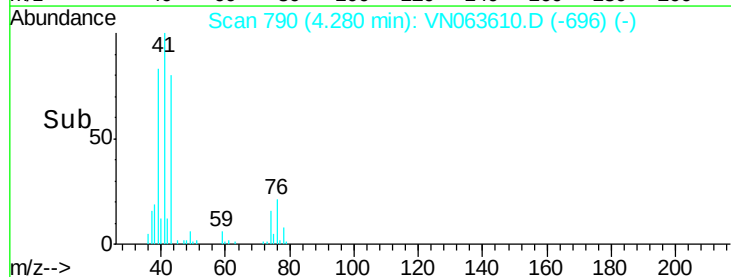
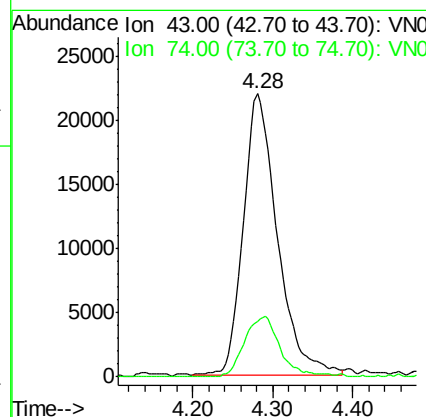
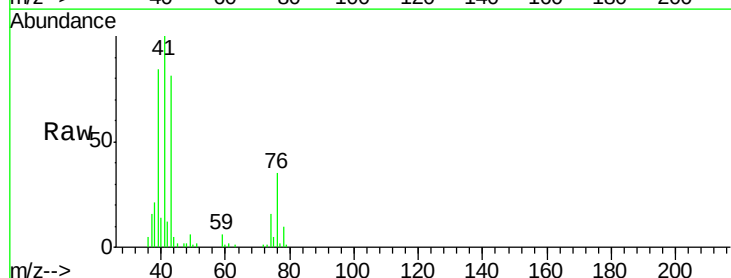
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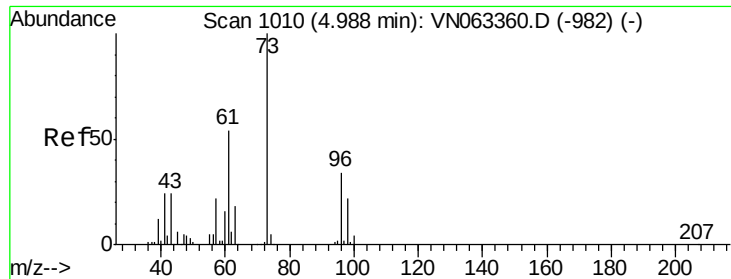
MMDadoda
9/24/2020 1:38:22 PM



#18
Methyl Acetate
Concen: 18.932 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN063610.D
Acq: 24 Sep 2020 00:53

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.4	17.4	26.2





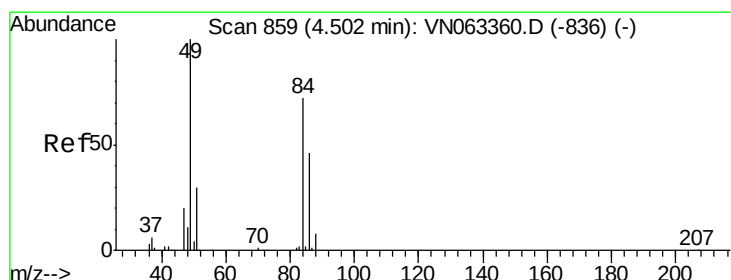
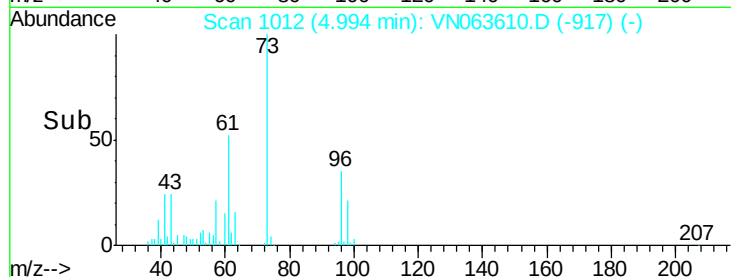
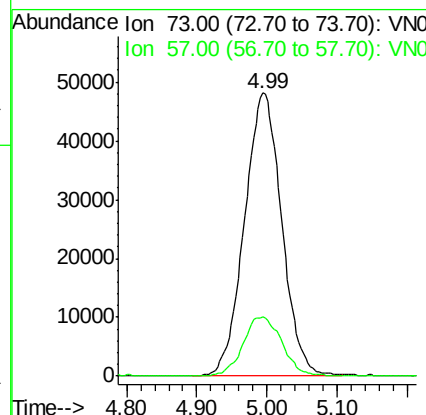
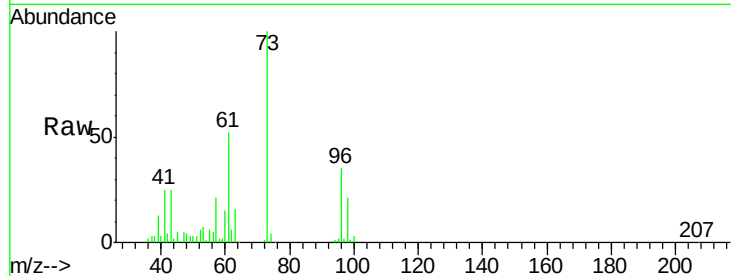
#19
Methvl tert-butyl Ether
Concen: 17.704 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VN063610.D
Acq: 24 Sep 2020 00:53

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS02

Tot Ion: 73 Resp: 177664
Ion Ratio Lower Upper
73 100
57 20.9 17.9 26.9

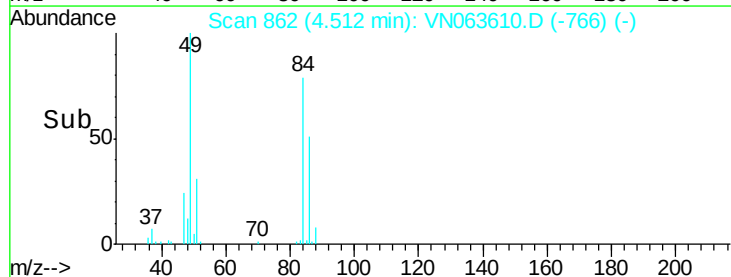
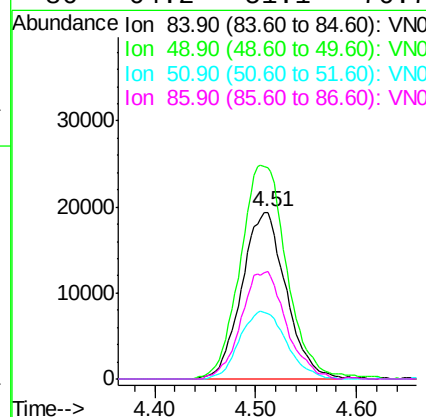
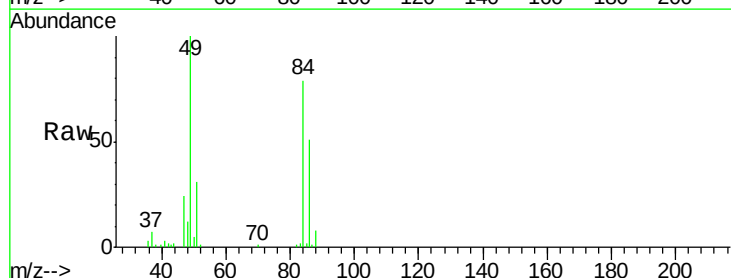
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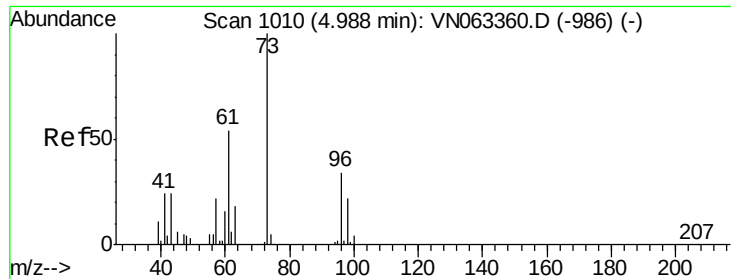
MMDadoda
9/24/2020 1:38:22 PM



#20
Methylene Chloride
Concen: 17.911 ug/l
RT: 4.51 min Scan# 862
Delta R.T. 0.01 min
Lab File: VN063610.D
Acq: 24 Sep 2020 00:53

Tgt Ion: 84 Resp: 59234
Ion Ratio Lower Upper
84 100
49 126.4 110.7 166.1
51 39.3 32.9 49.3
86 64.2 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 17.860 ug/l

RT: 5.00 min Scan# 1013

Delta R.T. 0.01 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

Instrument :

MSVOA_N

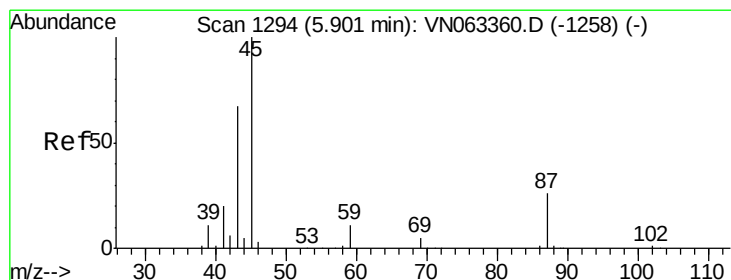
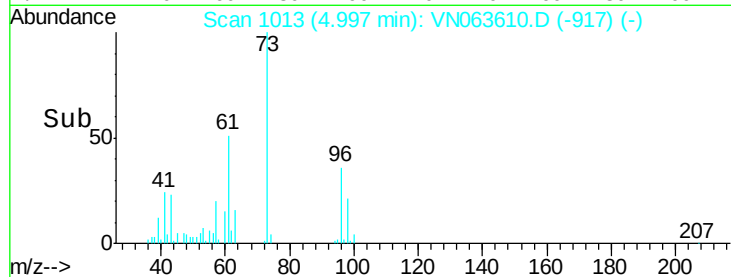
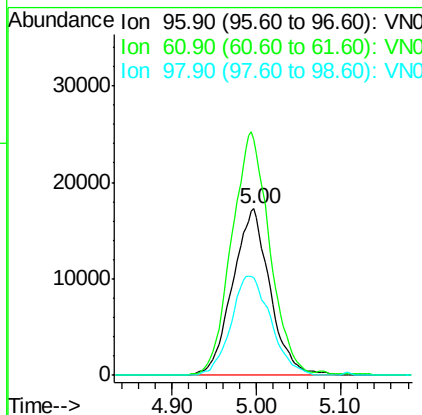
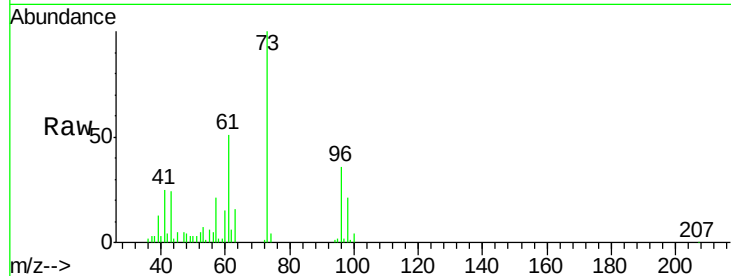
ClientSampleId :

VN0923WBS02

Tot Ion:	96	Resp:	53278
Ion	Ratio	Lower	Upper
96	100		
61	141.8	126.2	189.4
98	58.6	51.0	76.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 17.610 ug/l

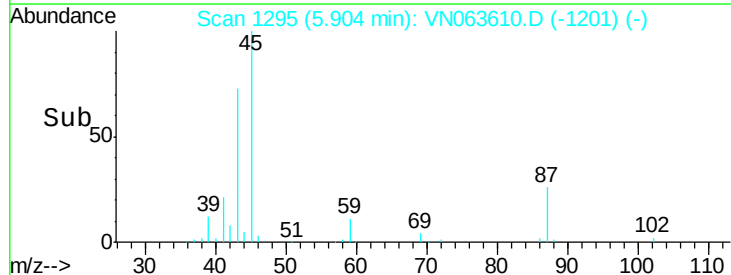
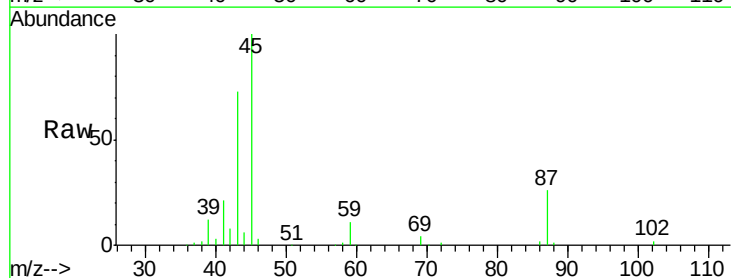
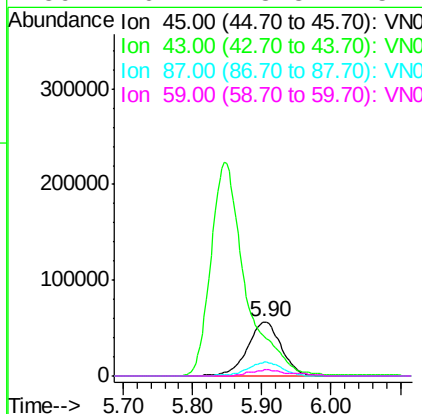
RT: 5.90 min Scan# 1295

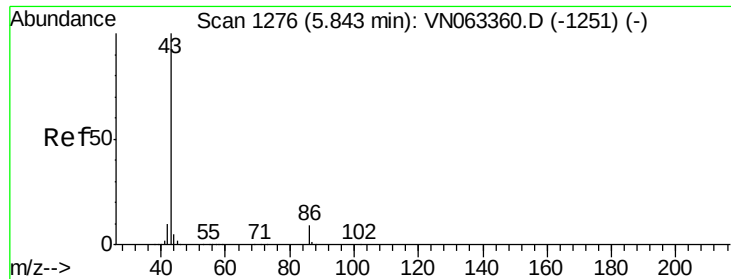
Delta R.T. 0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

Tgt Ion:	45	Resp:	191274
Ion	Ratio	Lower	Upper
45	100		
43	70.4	53.5	80.3
87	26.1	21.2	31.8
59	10.7	8.8	13.2





#23

Vinyl Acetate

Concen: 86.729 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBS02

Tot Ion: 43 Resp: 773675

Ion Ratio Lower Upper

43 100

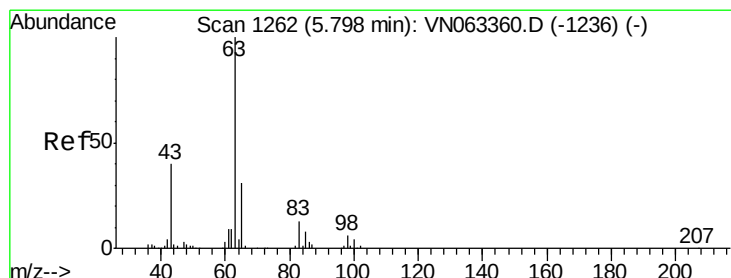
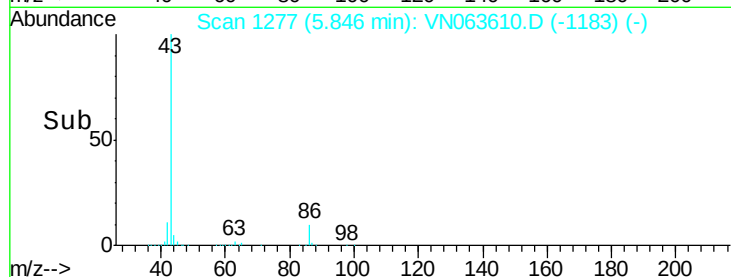
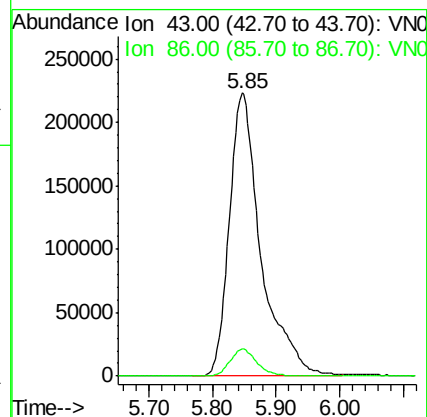
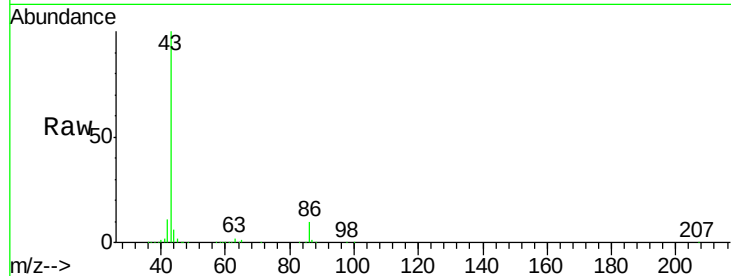
86 9.7 7.1 10.7

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 18.172 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

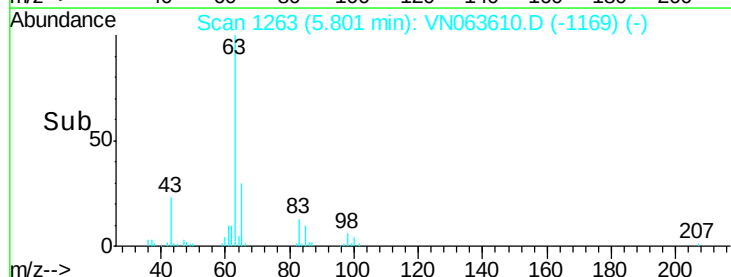
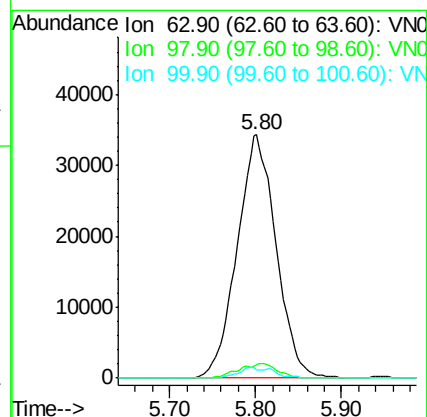
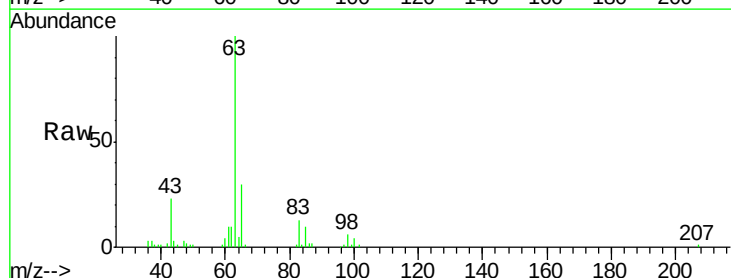
Tgt Ion: 63 Resp: 107764

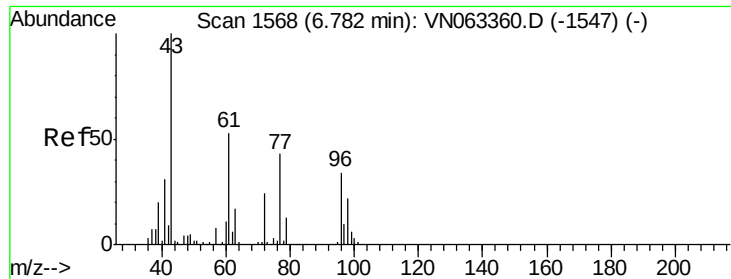
Ion Ratio Lower Upper

63 100

98 5.6 2.9 8.8

100 3.6 2.1 6.3





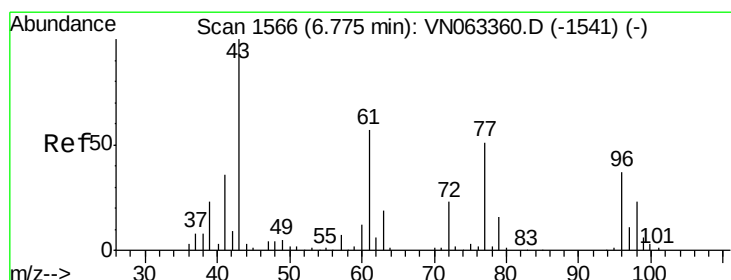
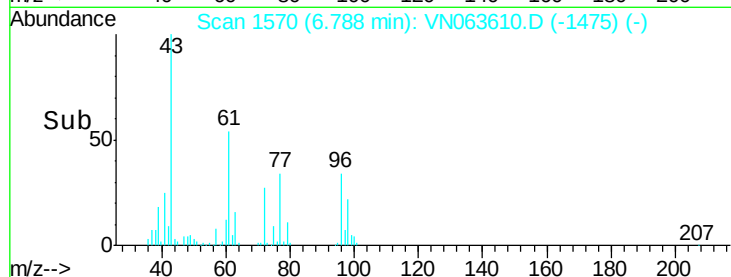
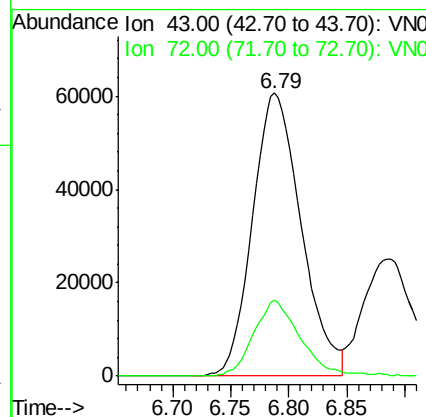
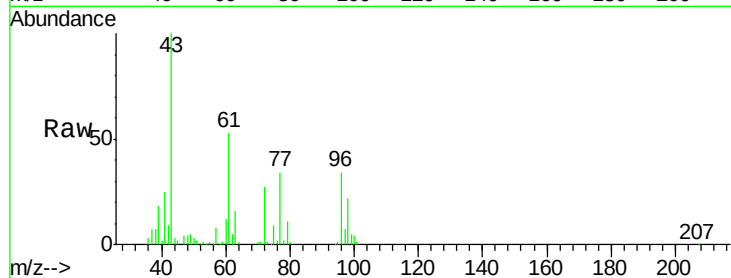
#25
2-Butanone
Concen: 88.363 ug/l
RT: 6.79 min Scan# 1570
Delta R.T. 0.01 min
Lab File: VN063610.D
Acq: 24 Sep 2020 00:53

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS02

Tot Ion: 43 Resp: 177391
Ion Ratio Lower Upper
43 100
72 26.8 19.2 28.8

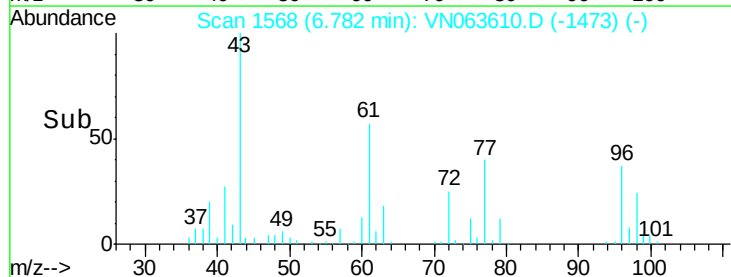
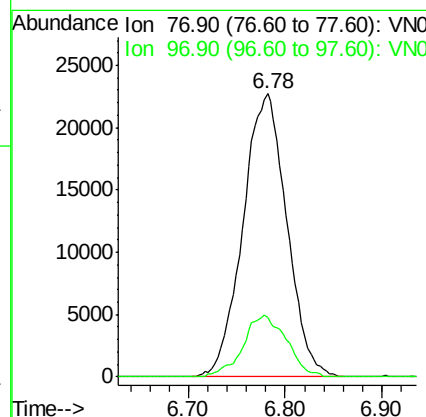
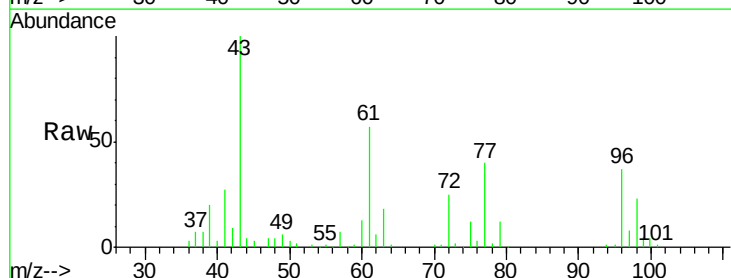
Manual Integrations
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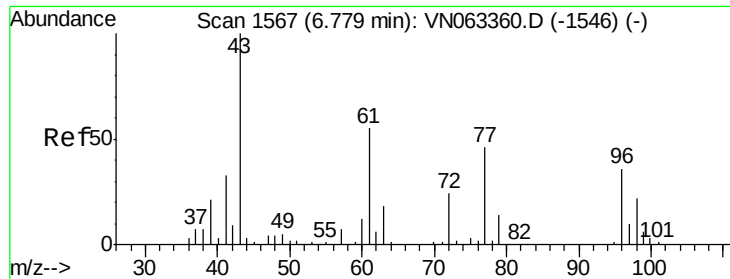
MMDadoda
9/24/2020 1:38:22 PM



#26
2,2-Dichloropropane
Concen: 13.682 ug/l
RT: 6.78 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VN063610.D
Acq: 24 Sep 2020 00:53

Tgt Ion: 77 Resp: 71435
Ion Ratio Lower Upper
77 100
97 21.6 10.5 31.6





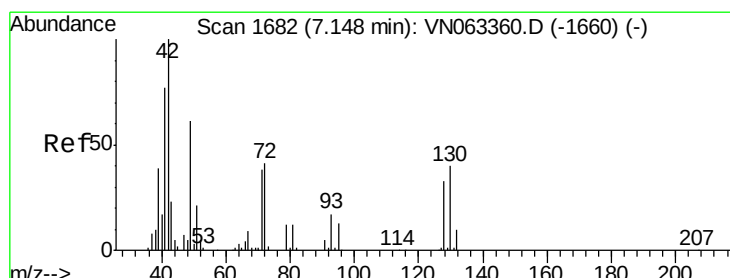
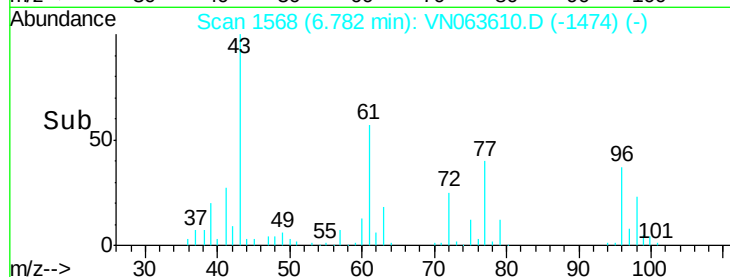
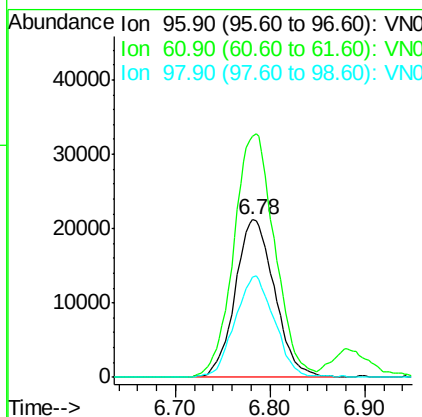
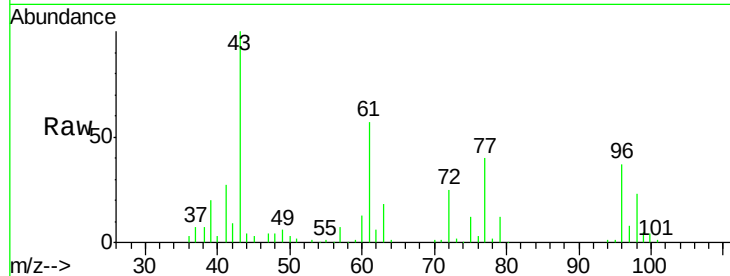
#27
 cis-1,2-Dichloroethene
 Concen: 18.197 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VN063610.D
 Acq: 24 Sep 2020 00:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	160.1	0.0	319.6
98	64.3	0.0	127.8

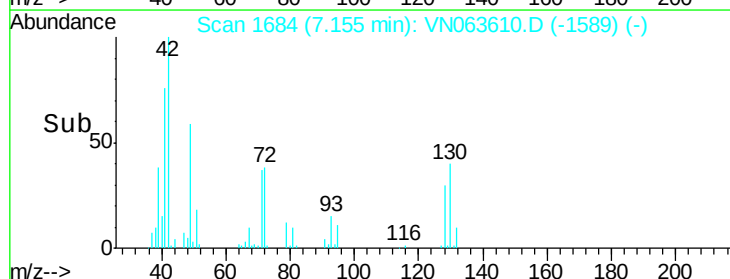
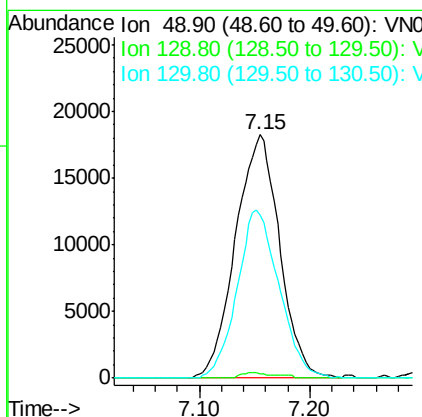
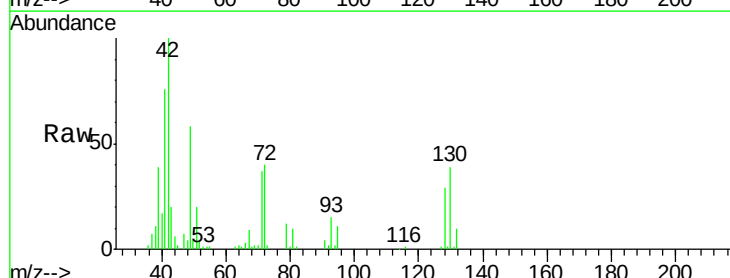
Manual Integrations
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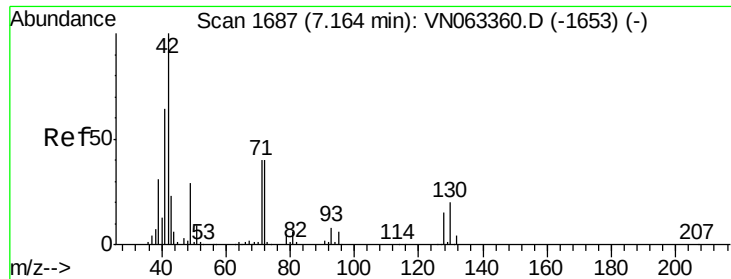
MMDadoda
 9/24/2020 1:38:22 PM



#28
 Bromochloromethane
 Concen: 18.458 ug/l
 RT: 7.15 min Scan# 1684
 Delta R.T. 0.01 min
 Lab File: VN063610.D
 Acq: 24 Sep 2020 00:53

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	3.8
130	65.8	52.2	78.2





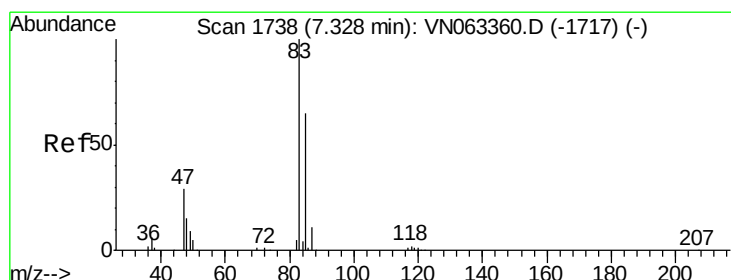
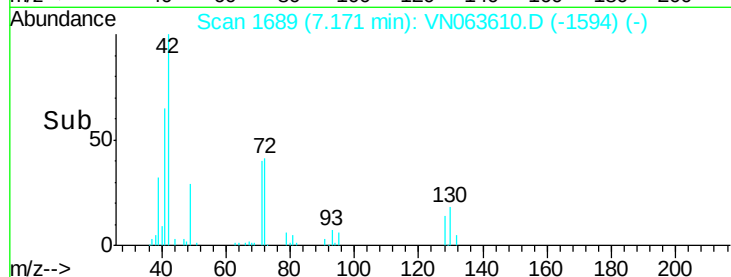
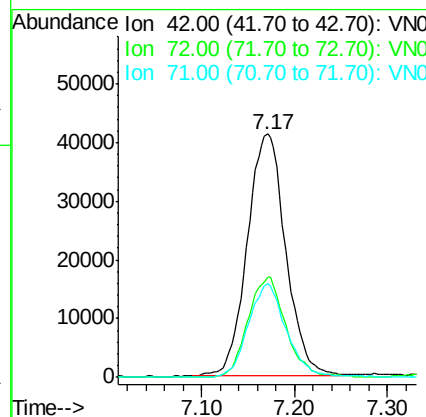
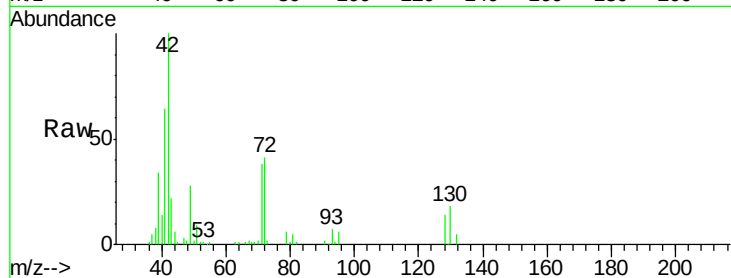
#29
Tetrahydrofuran
Concen: 86.809 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VN063610.D
Acq: 24 Sep 2020 00:53

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.8	32.1	48.1
71	38.0	31.2	46.8

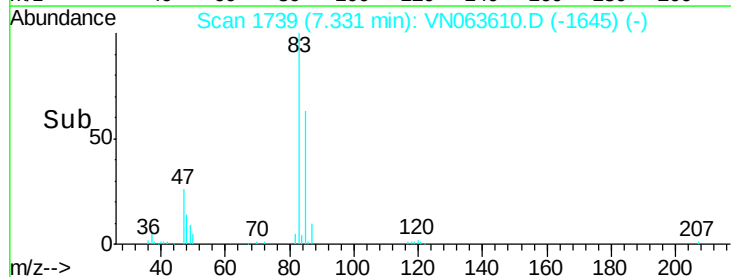
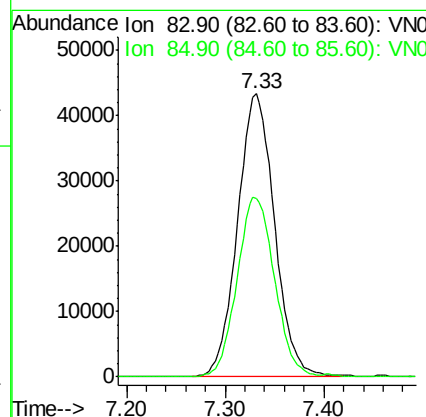
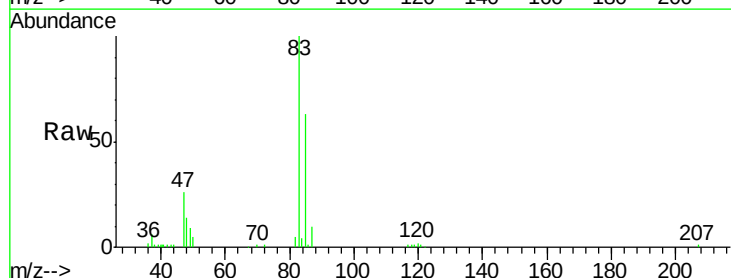
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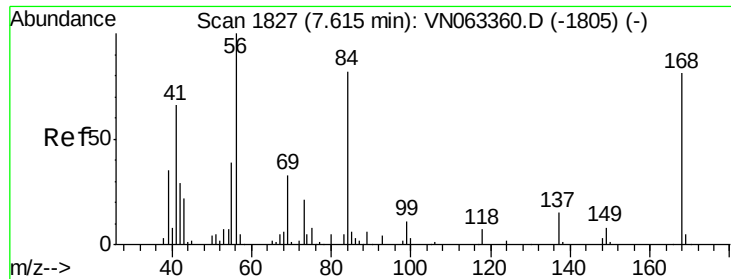
MMDadoda
9/24/2020 1:38:22 PM



#30
Chloroform
Concen: 18.982 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN063610.D
Acq: 24 Sep 2020 00:53

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	52.1	78.1





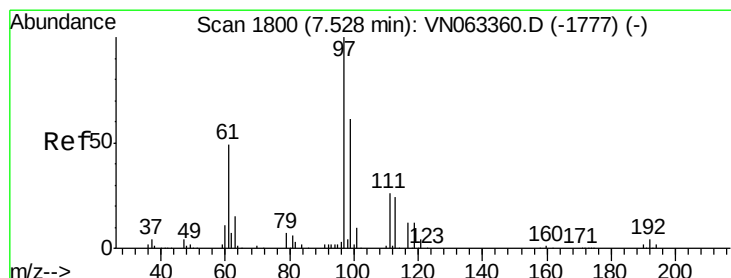
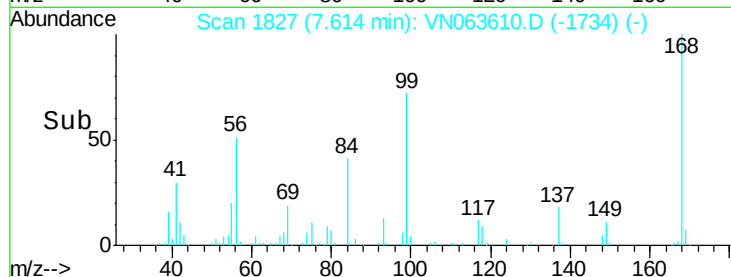
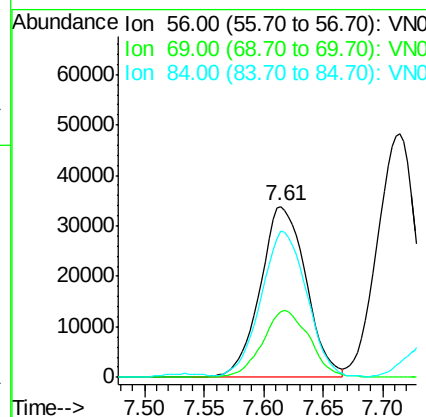
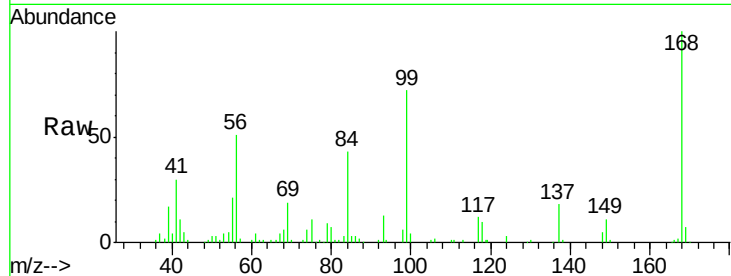
#31
Cyclohexane
Concen: 16.088 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN063610.D
Acq: 24 Sep 2020 00:53

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS02

Tot Ion	56	Resp	90245
Ion	Ratio	Lower	Upper
56	100		
69	38.3	26.1	39.1
84	83.8	65.4	98.2

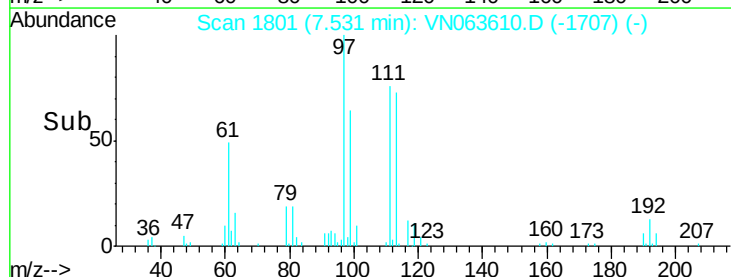
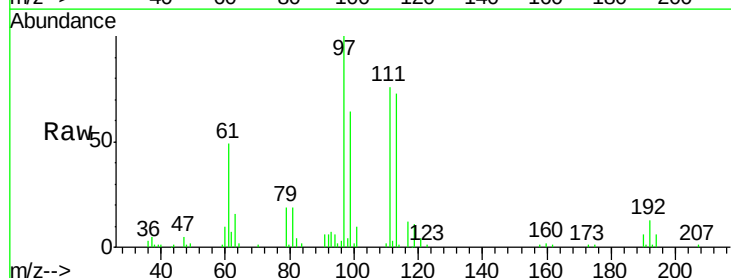
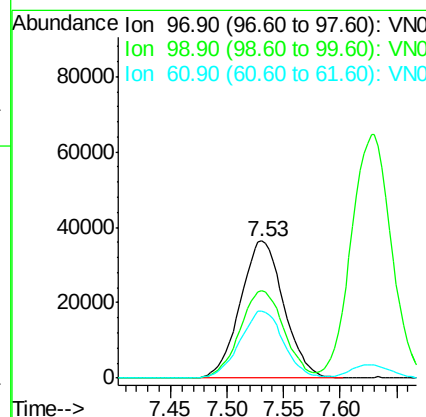
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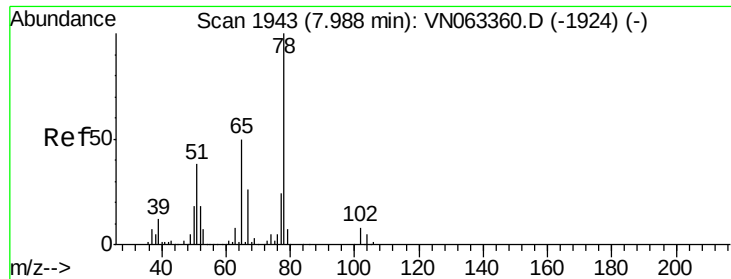
MMDadoda
9/24/2020 1:38:22 PM



#32
1,1,1-Trichloroethane
Concen: 18.391 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN063610.D
Acq: 24 Sep 2020 00:53

Tgt Ion	97	Resp	97323
Ion	Ratio	Lower	Upper
97	100		
99	64.6	50.6	76.0
61	49.1	39.2	58.8





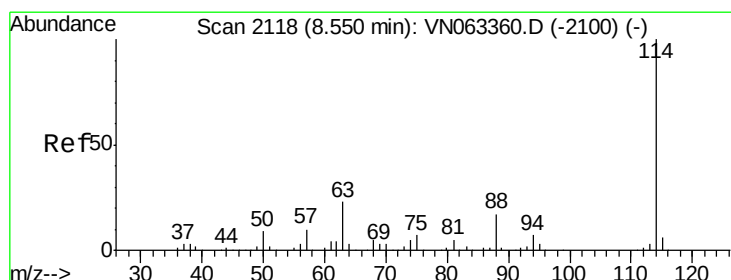
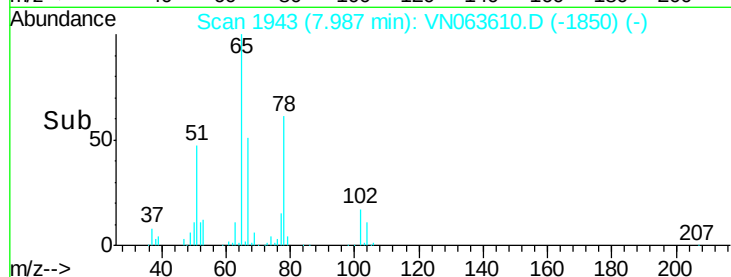
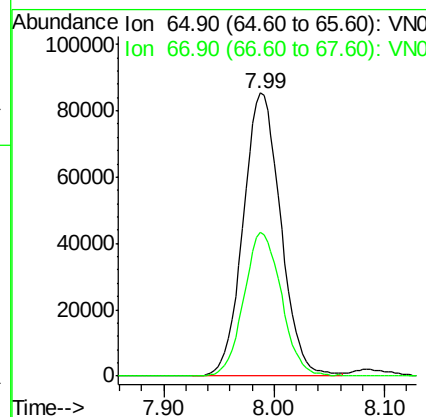
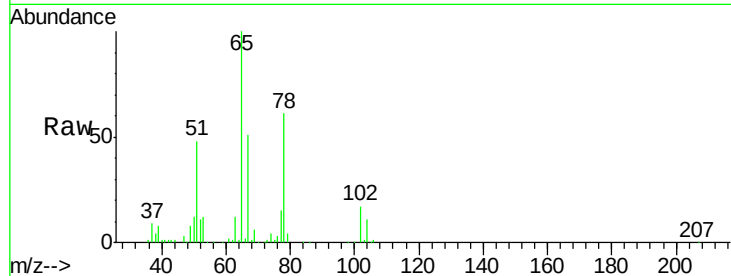
#33
 1,2-Dichloroethane-d4
 Concen: 49.564 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063610.D
 Acq: 24 Sep 2020 00:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	201303		
67	50.8	0.0	104.2	

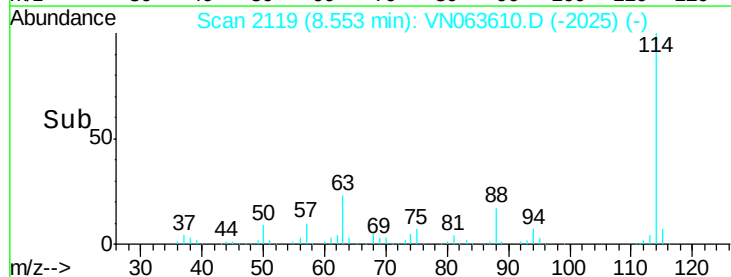
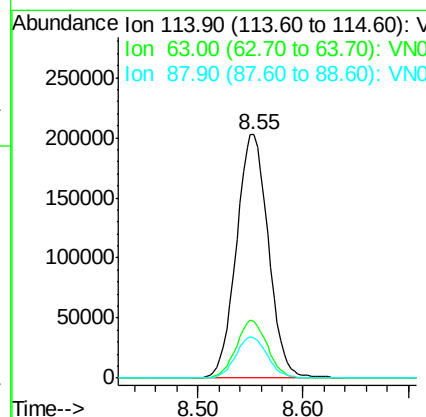
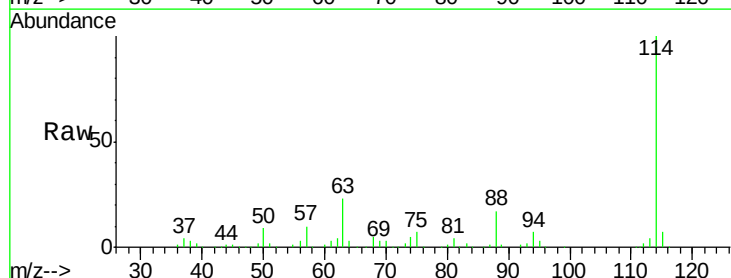
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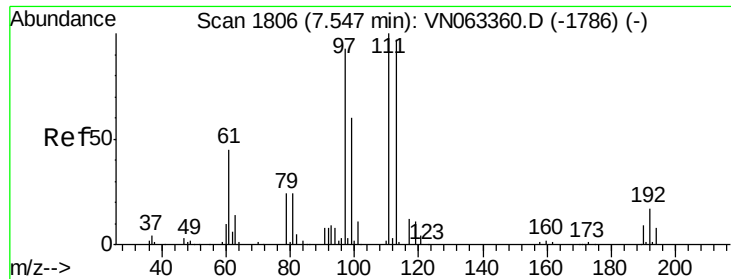
MMDadoda
 9/24/2020 1:38:22 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN063610.D
 Acq: 24 Sep 2020 00:53

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	426687		
63	23.1	0.0	46.4	
88	16.6	0.0	33.2	





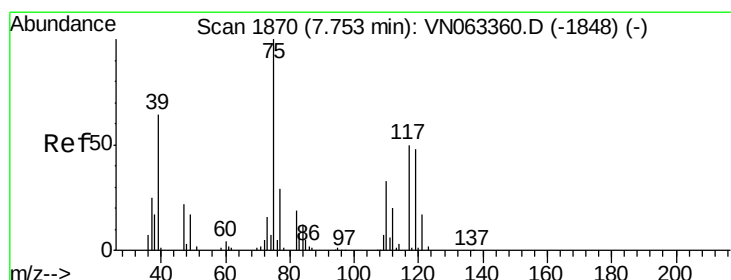
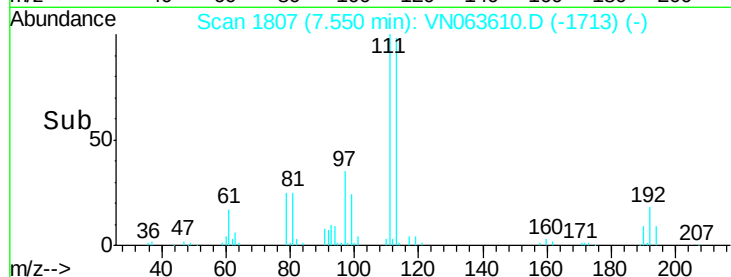
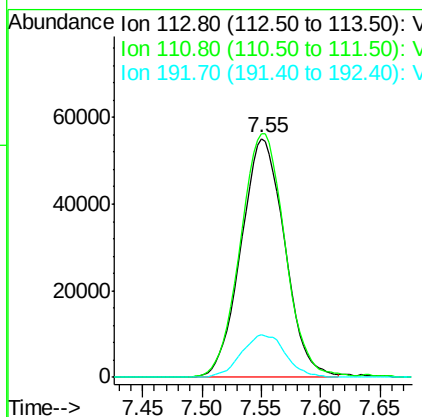
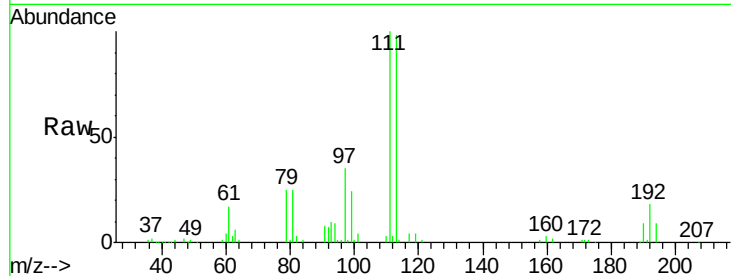
#35
 Dibromofluoromethane
 Concen: 47.454 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063610.D
 Acq: 24 Sep 2020 00:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	140173		
111	104.4	82.9	124.3	
192	18.2	13.9	20.9	

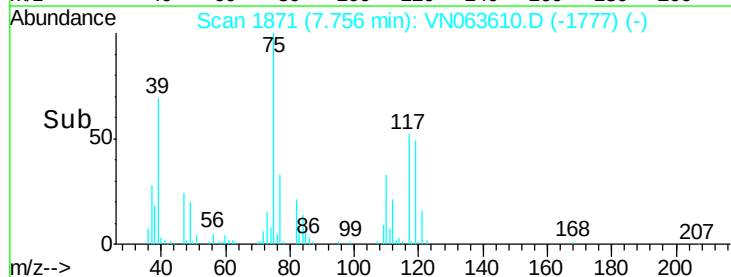
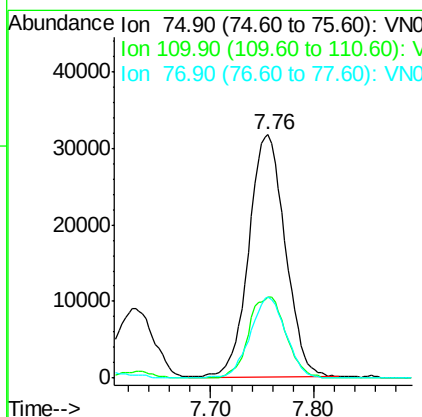
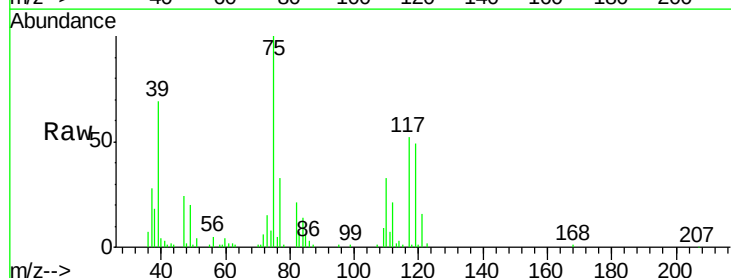
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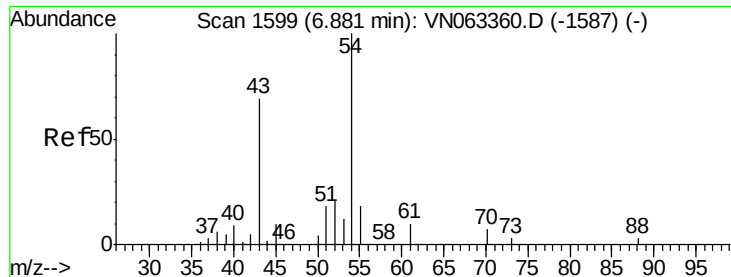
MMDadoda
 9/24/2020 1:38:22 PM



#36
 1,1-Dichloropropene
 Concen: 17.013 ug/l
 RT: 7.76 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN063610.D
 Acq: 24 Sep 2020 00:53

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	77337		
110	34.2	16.5	49.5	
77	32.8	24.6	36.8	





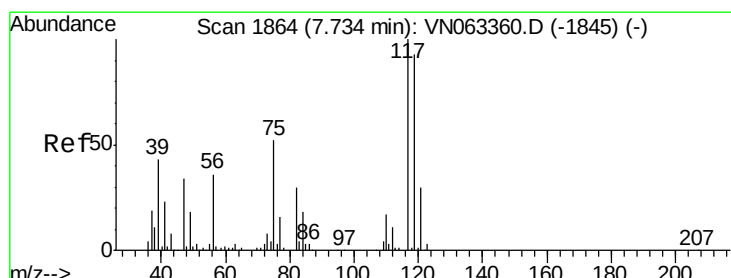
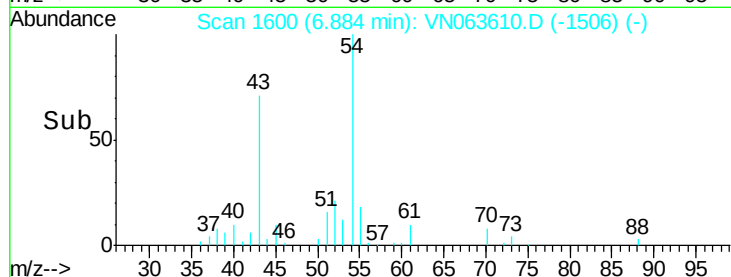
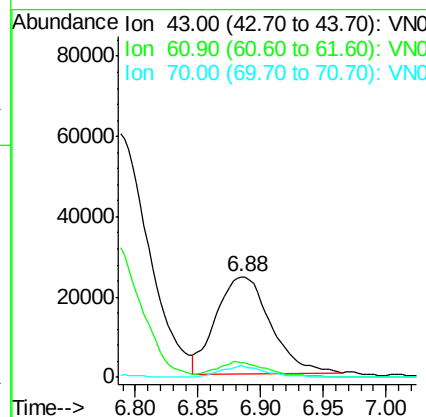
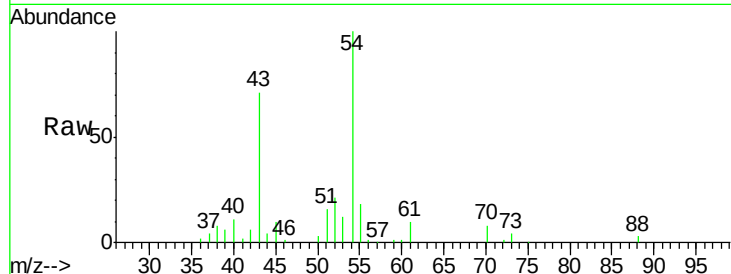
#37
Ethyl Acetate
Concen: 16.448 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VN063610.D
Acq: 24 Sep 2020 00:53

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS02

Tot Ion	43	61	70
Ion Ratio	100	14.2	9.4
Resp: Lower		10.6	7.2
Upper		15.8	10.8

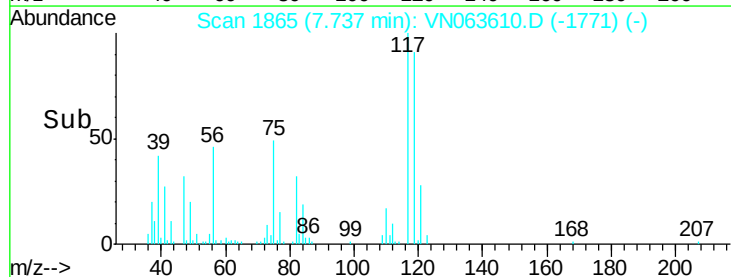
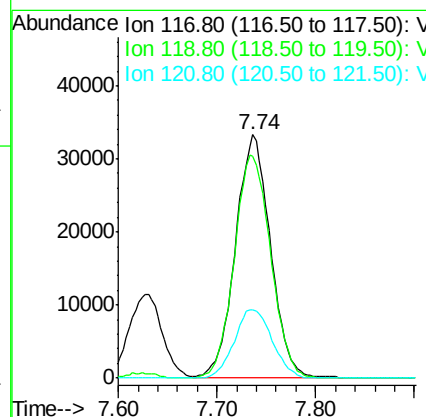
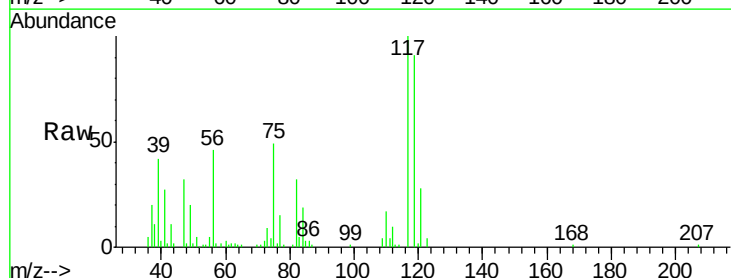
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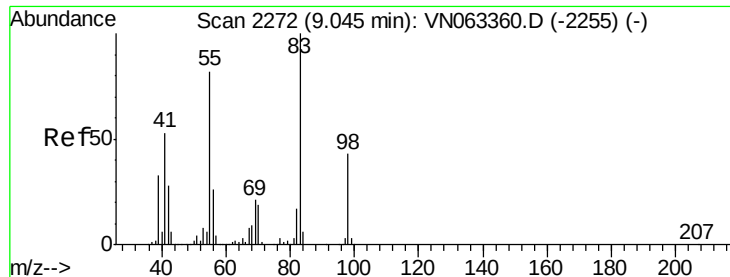
MMDadoda
9/24/2020 1:38:22 PM



#38
Carbon Tetrachloride
Concen: 17.726 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN063610.D
Acq: 24 Sep 2020 00:53

Tgt Ion	117	119	121
Ion Ratio	100	91.0	28.0
Resp: Lower		74.5	24.1
Upper		111.7	36.1





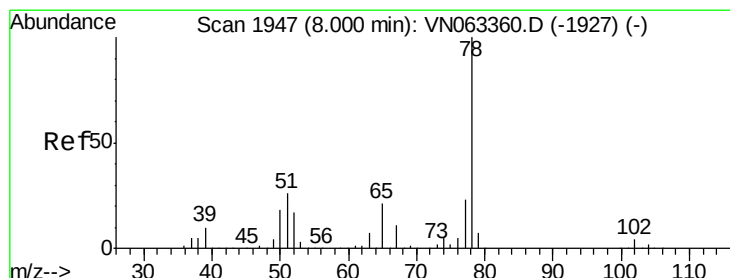
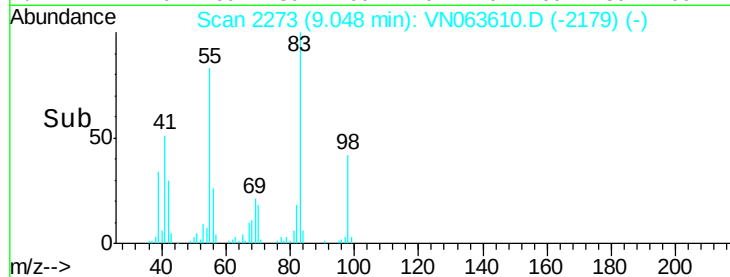
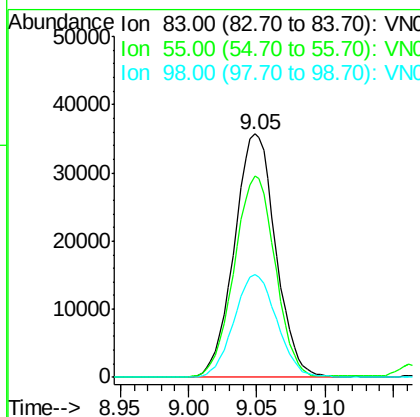
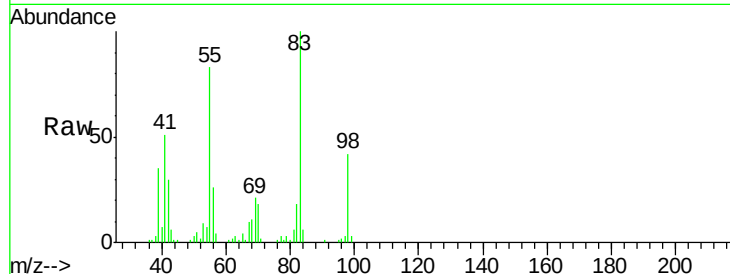
#39
Methylvlcyclohexane
Concen: 15.233 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063610.D
Acq: 24 Sep 2020 00:53

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.3	65.5	98.3
98	42.0	34.2	51.4

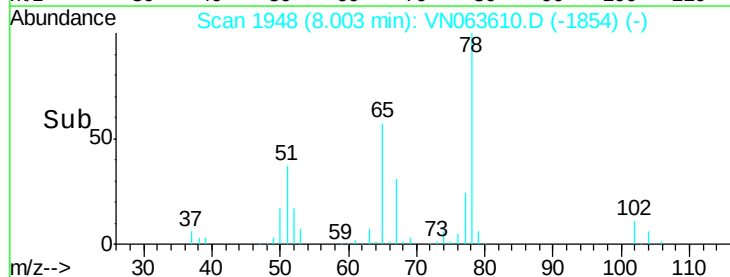
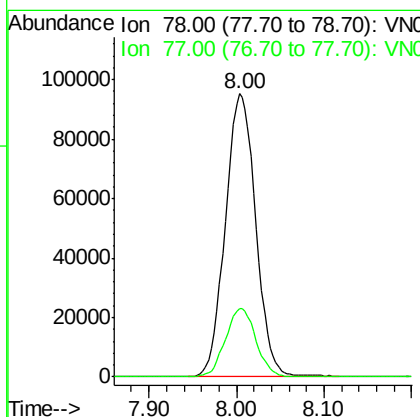
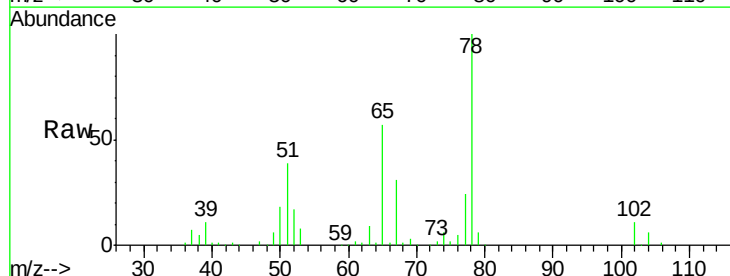
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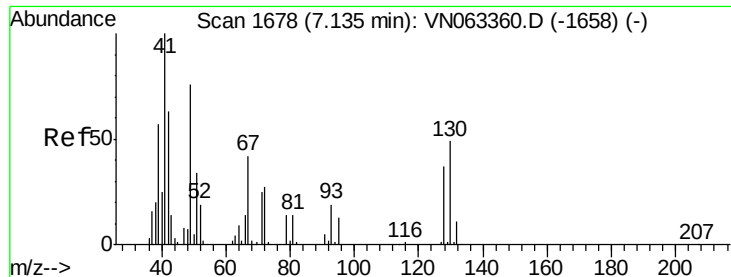
MMDadoda
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#40
Benzene
Concen: 17.677 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063610.D
Acq: 24 Sep 2020 00:53

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.3	27.5





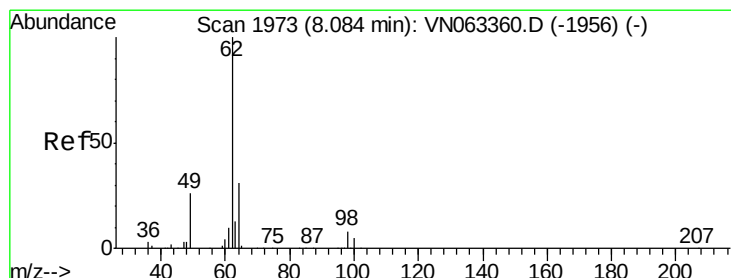
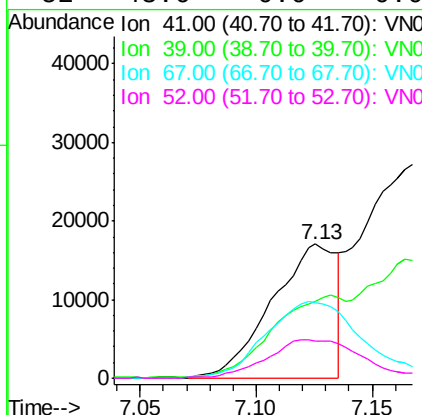
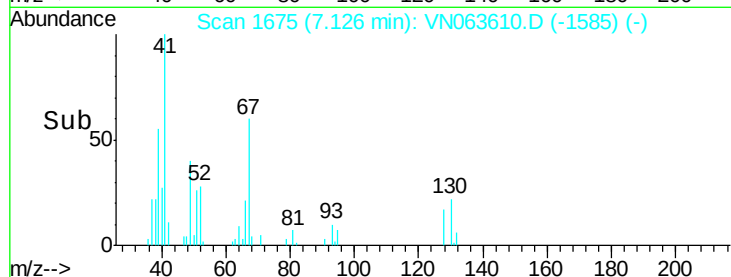
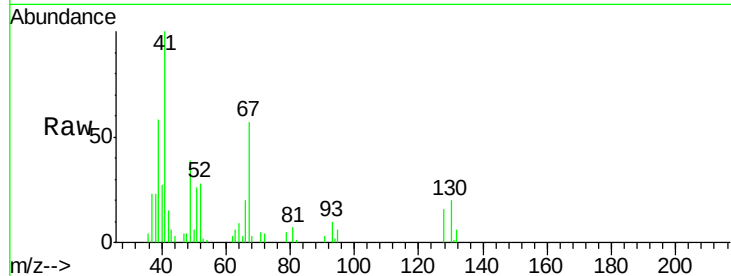
#41
Methacrylonitrile
Concen: 16.584 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.01 min
Lab File: VN063610.D
Acq: 24 Sep 2020 00:53

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS02

Tot Ion	41	Resp	33277
Ion Ratio	Lower	Upper	
41	100		
39	66.0	0.0	0.0#
67	85.2	0.0	0.0#
52	43.6	0.0	0.0#

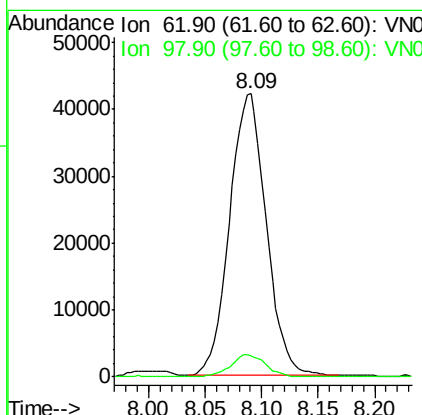
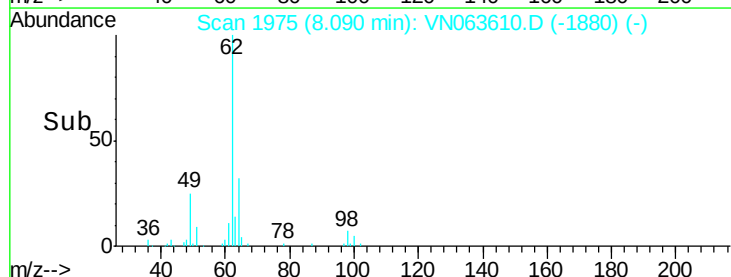
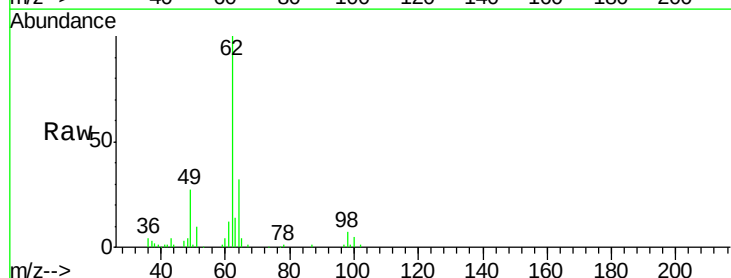
Manual Integrations
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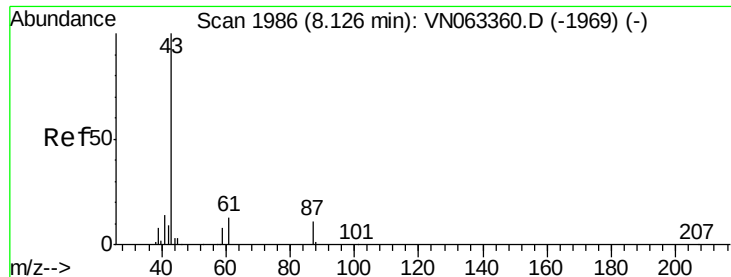
MMDadoda
9/24/2020 1:38:22 PM



#42
1,2-Dichloroethane
Concen: 18.173 ug/l
RT: 8.09 min Scan# 1975
Delta R.T. 0.01 min
Lab File: VN063610.D
Acq: 24 Sep 2020 00:53

Tgt Ion	62	Resp	94835
Ion Ratio	Lower	Upper	
62	100		
98	7.5	0.0	15.6





#43

Isopropyl Acetate

Concen: 16.613 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

Instrument :

MSVOA_N

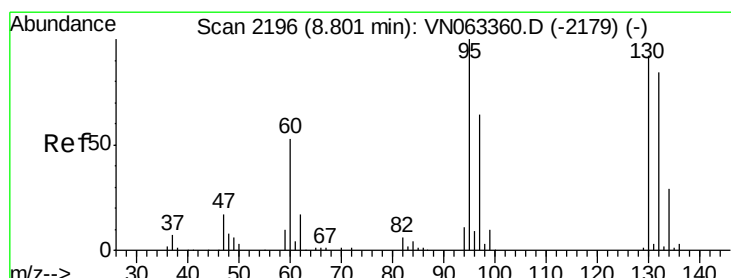
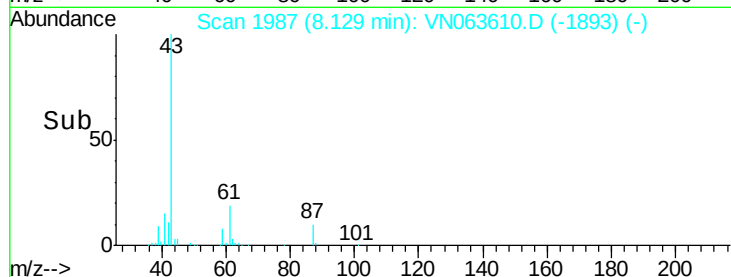
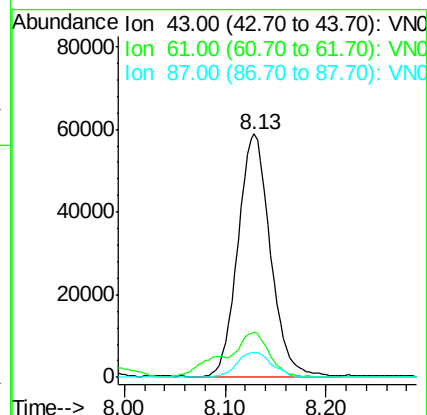
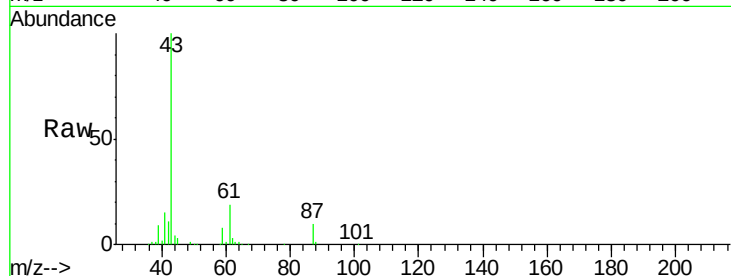
ClientSampleId :

VN0923WBS02

Tot Ion:	43	Resp:	132532
Ion	Ratio	Lower	Upper
43	100		
61	17.0	14.2	21.2
87	11.1	9.0	13.6

Manual Integrations
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#44

Trichloroethene

Concen: 18.526 ug/l

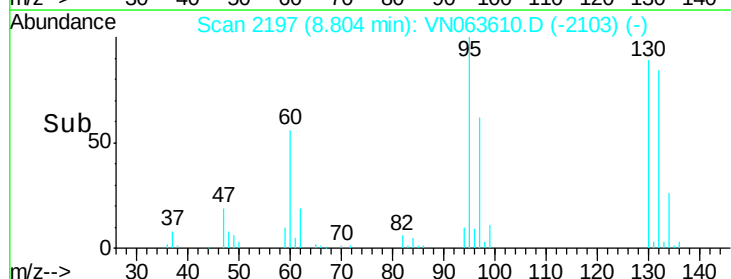
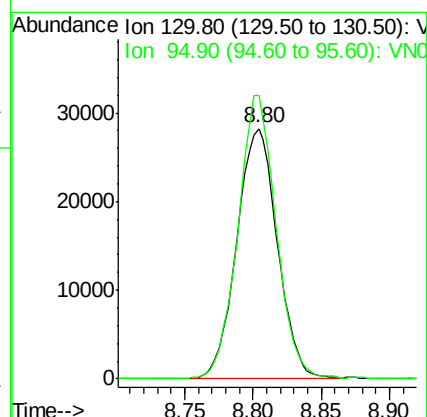
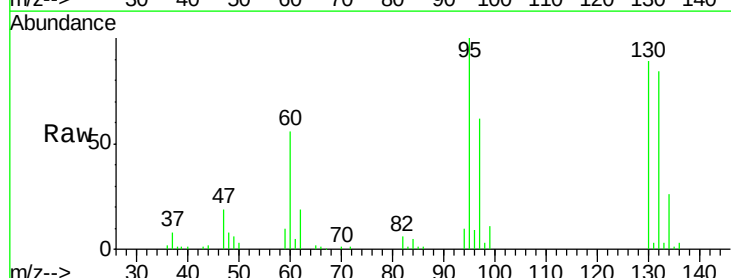
RT: 8.80 min Scan# 2197

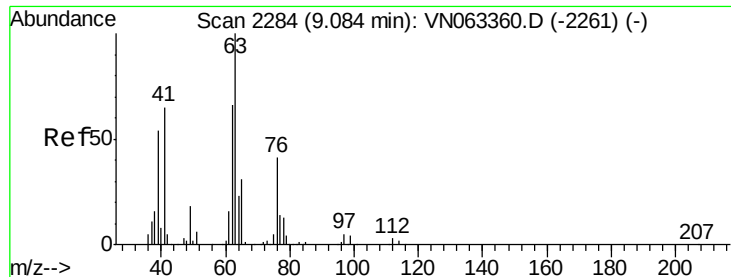
Delta R.T. 0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

Tgt Ion:	130	Resp:	58307
Ion	Ratio	Lower	Upper
130	100		
95	112.9	0.0	217.4





#45

1,2-Dichloropropane

Concen: 17.988 ug/l

RT: 9.09 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBS02

Tot Ion: 63 Resp: 63575

Ion Ratio Lower Upper

63 100

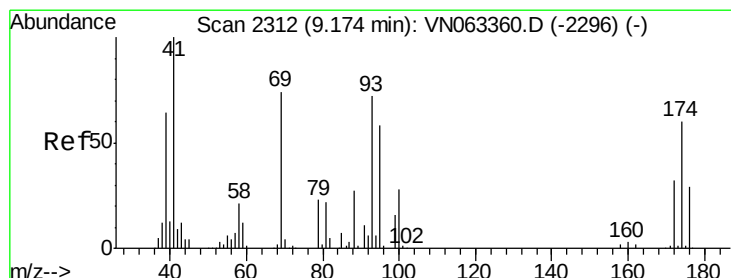
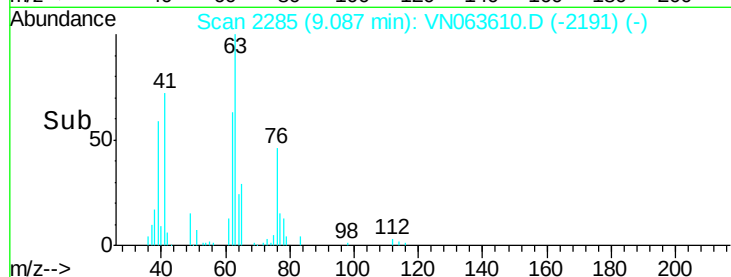
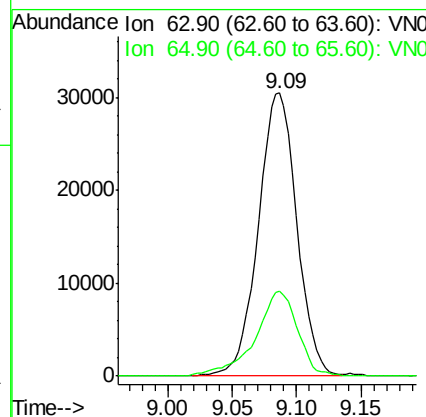
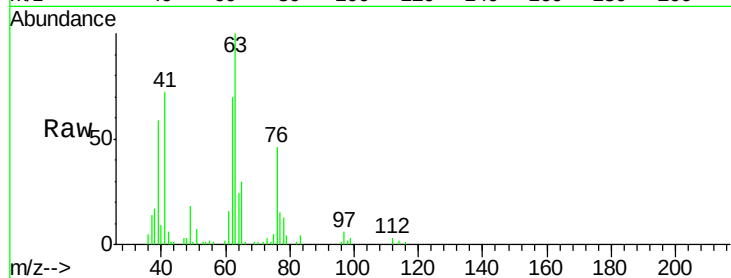
65 30.2 25.0 37.6

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#46

Dibromomethane

Concen: 18.459 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

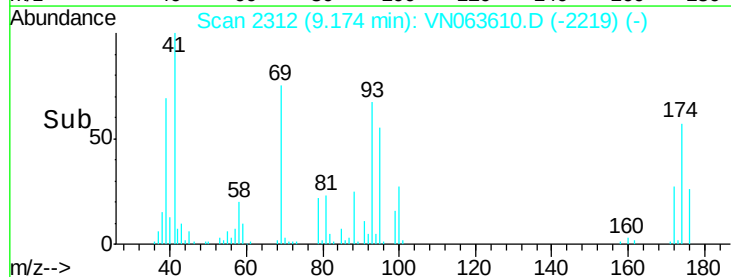
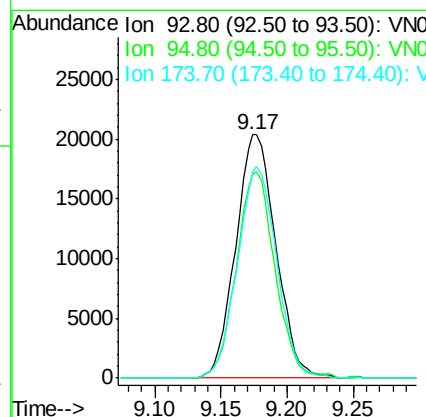
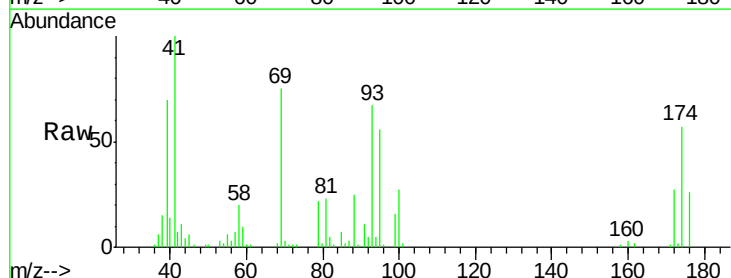
Tgt Ion: 93 Resp: 42879

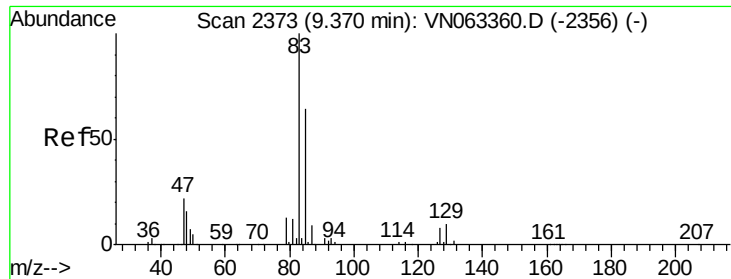
Ion Ratio Lower Upper

93 100

95 81.3 65.6 98.4

174 85.1 68.1 102.1





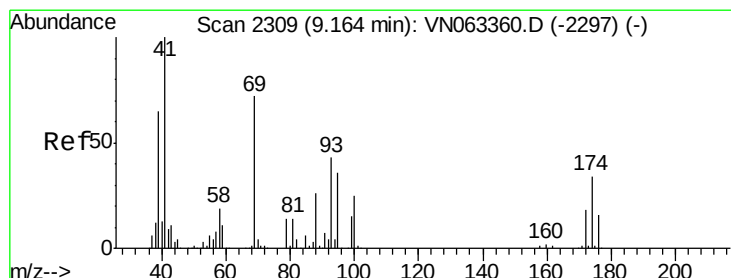
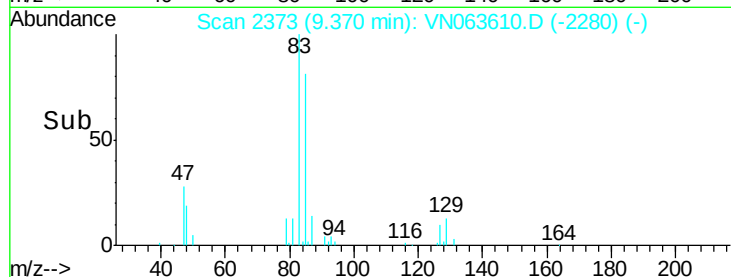
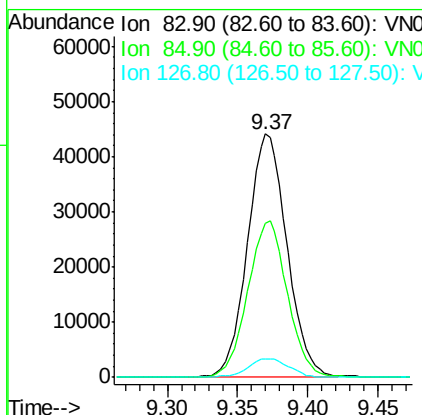
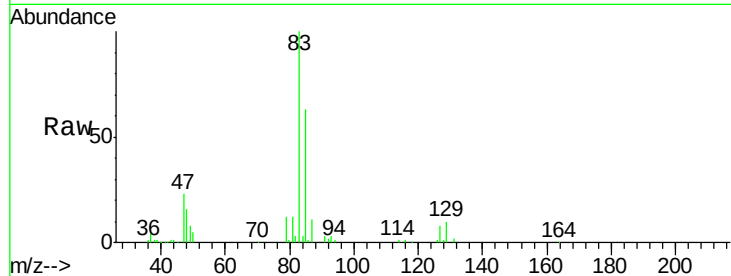
#47
Bromodichloromethane
Concen: 17.883 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN063610.D
Acq: 24 Sep 2020 00:53

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.0	76.6
127	7.5	6.3	9.5

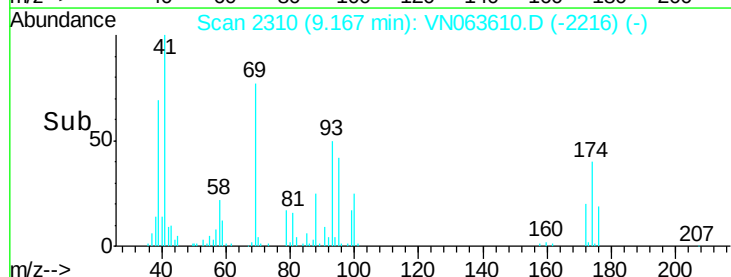
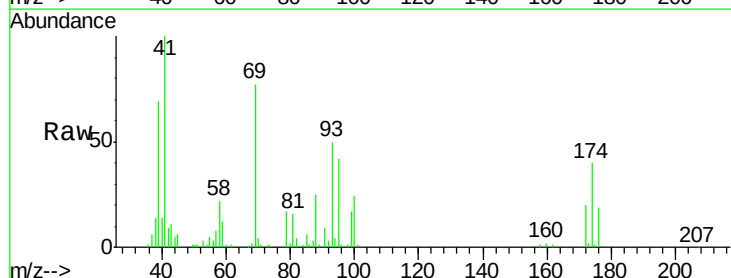
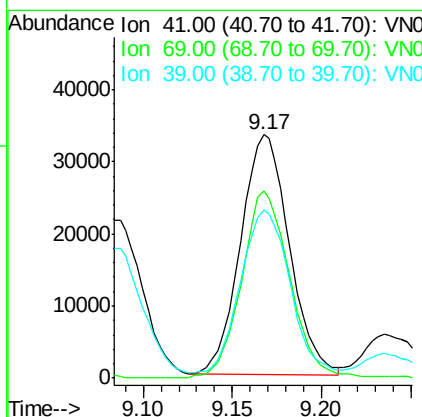
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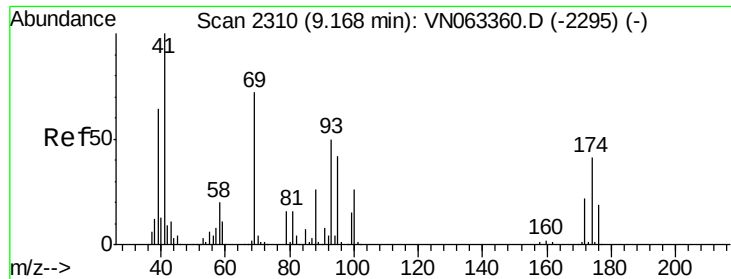
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#48
Methyl methacrylate
Concen: 16.189 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN063610.D
Acq: 24 Sep 2020 00:53

Tgt Ion	Ratio	Lower	Upper
41	100		
69	77.1	59.3	88.9
39	72.5	52.9	79.3





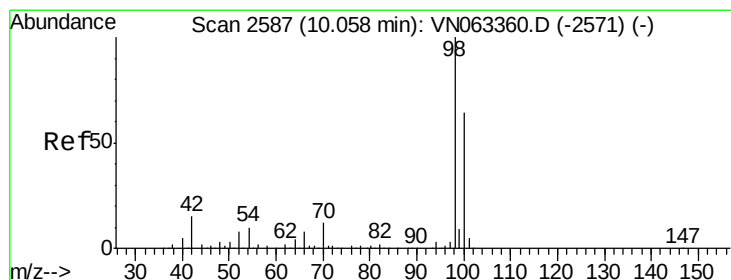
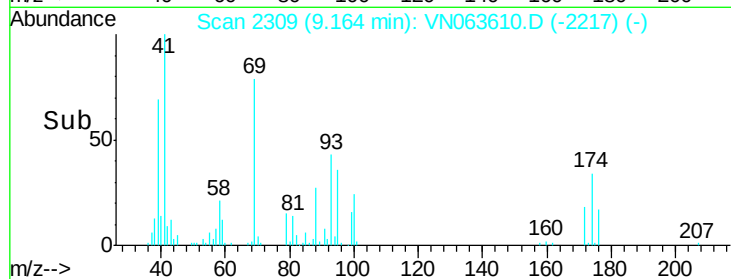
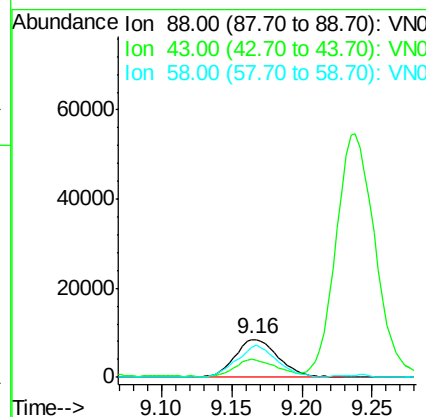
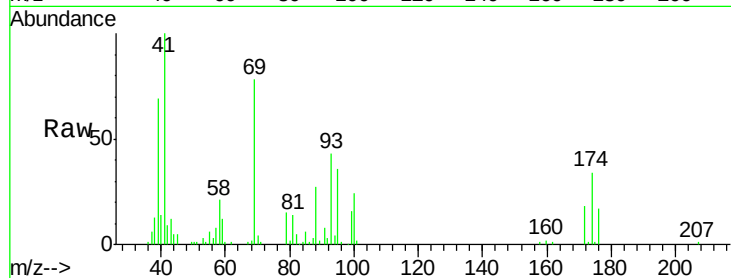
#49
1,4-Dioxane
Concen: 327.152 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN063610.D
Acq: 24 Sep 2020 00:53

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS02

Tot Ion	Ratio	Resp	Lower	Upper
88	100	18401		
43	43.6		32.6	49.0
58	77.8		60.0	90.0

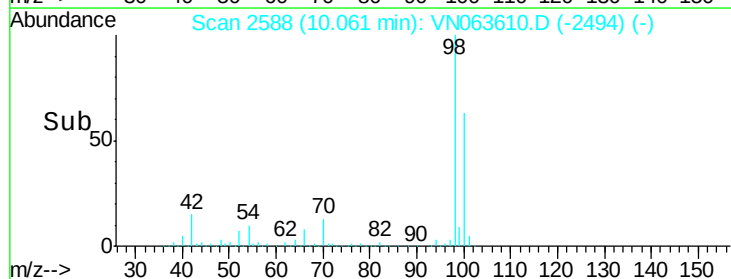
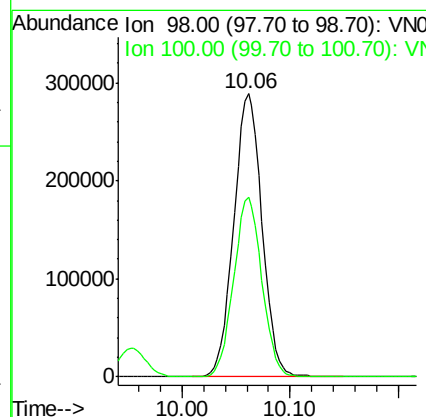
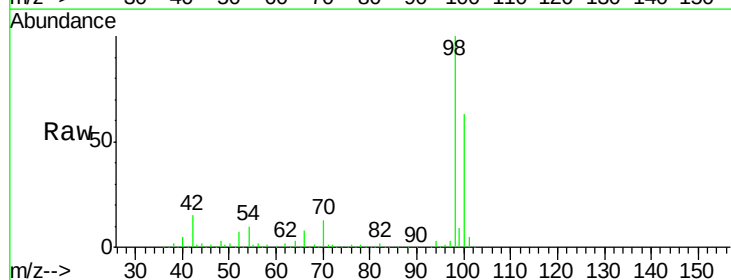
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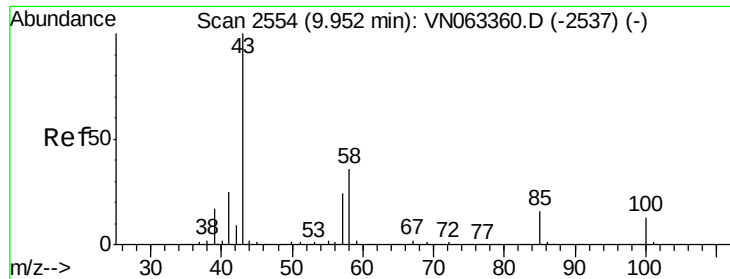
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#50
Toluene-d8
Concen: 47.571 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063610.D
Acq: 24 Sep 2020 00:53

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	528375		
100	62.9		50.7	76.1





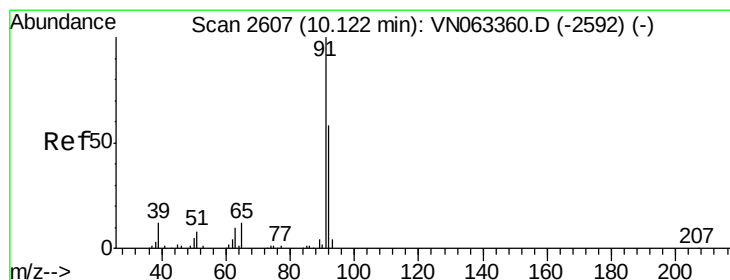
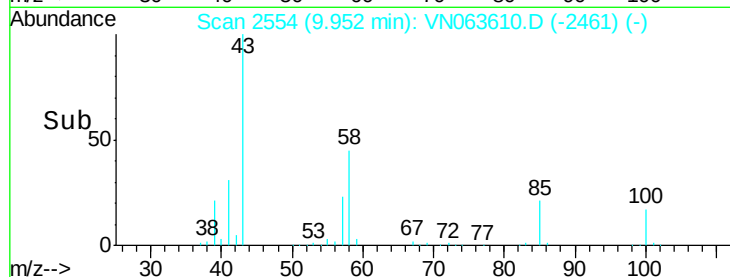
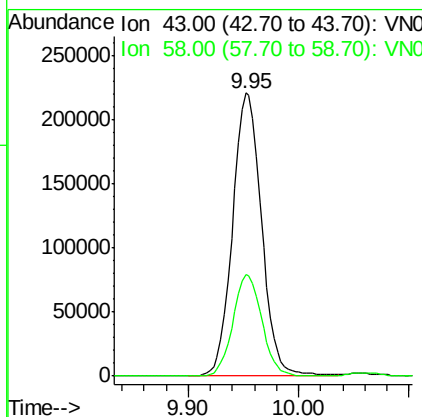
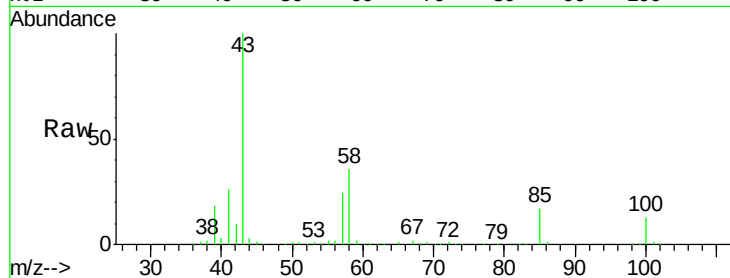
#51
4-Methyl-2-Pentanone
Concen: 89.872 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN063610.D
Acq: 24 Sep 2020 00:53

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS02

Tot Ion	43	Resp	401376
Ion Ratio	100	Lower	Upper
43	100		
58	35.9	29.0	43.6

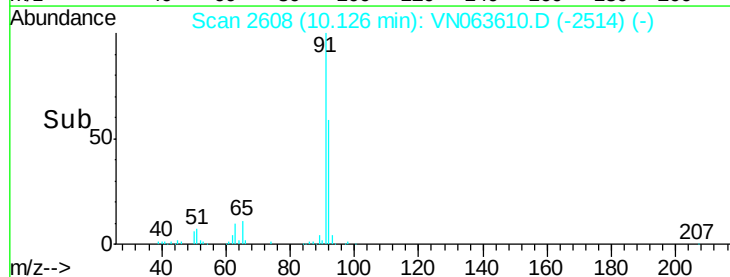
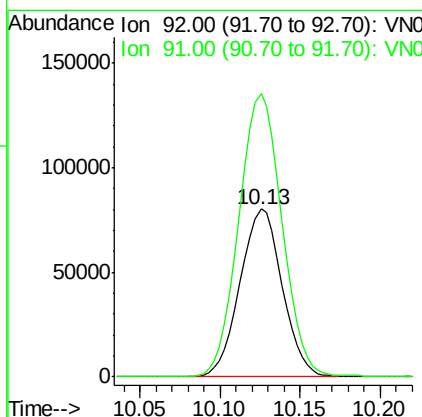
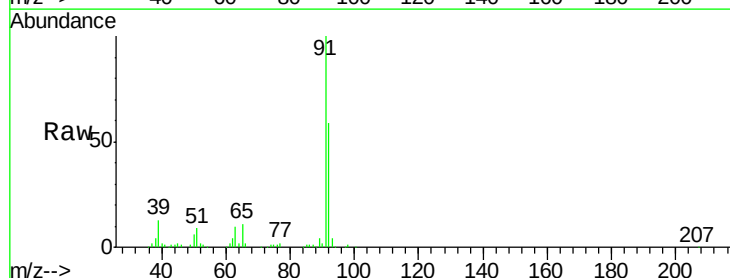
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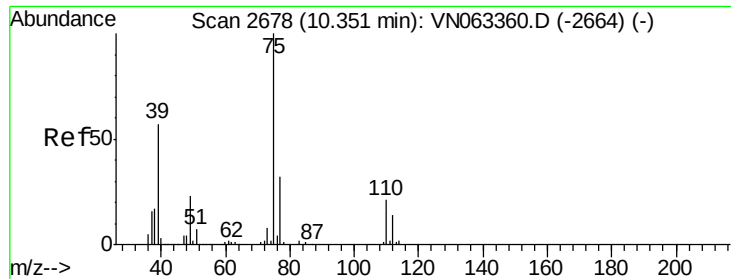
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#52
Toluene
Concen: 18.520 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN063610.D
Acq: 24 Sep 2020 00:53

Tgt Ion	92	Resp	144488
Ion Ratio	100	Lower	Upper
92	100		
91	172.4	139.7	209.5





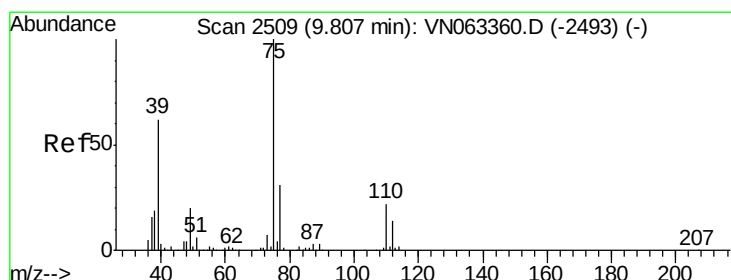
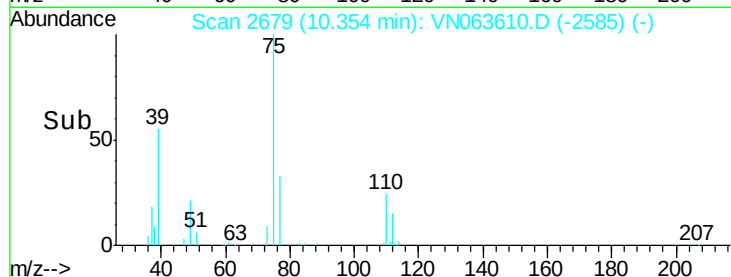
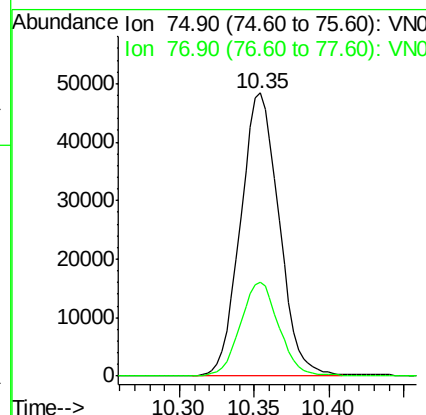
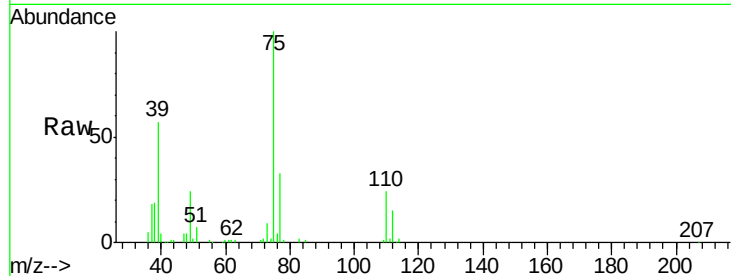
#53
t-1,3-Dichloropropene
Concen: 16.126 ug/l
RT: 10.35 min Scan# 2679
Delta R.T. 0.00 min
Lab File: VN063610.D
Acq: 24 Sep 2020 00:53

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.4	25.4	38.2

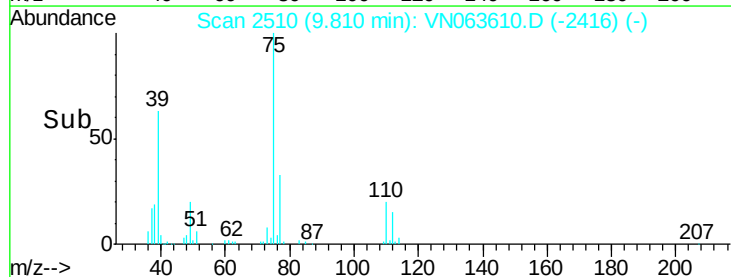
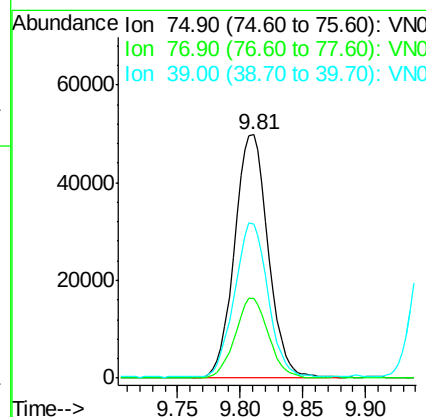
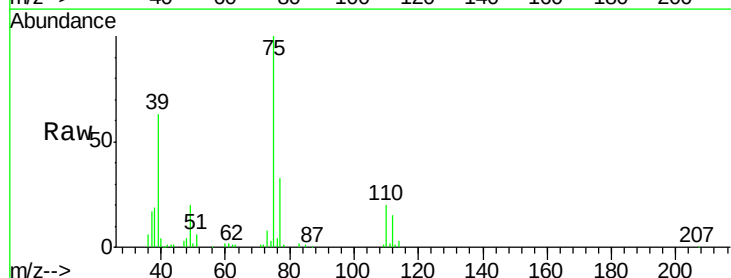
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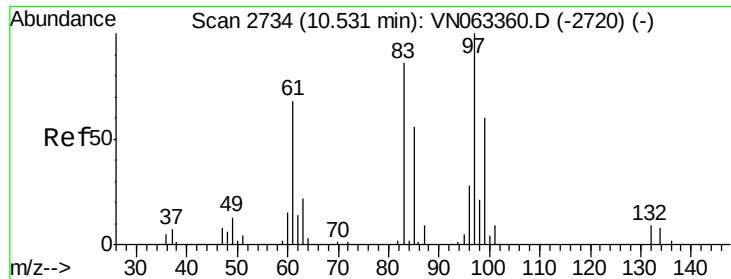
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#54
cis-1,3-Dichloropropene
Concen: 16.354 ug/l
RT: 9.81 min Scan# 2510
Delta R.T. 0.00 min
Lab File: VN063610.D
Acq: 24 Sep 2020 00:53

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.7	24.6	37.0
39	62.5	49.8	74.8





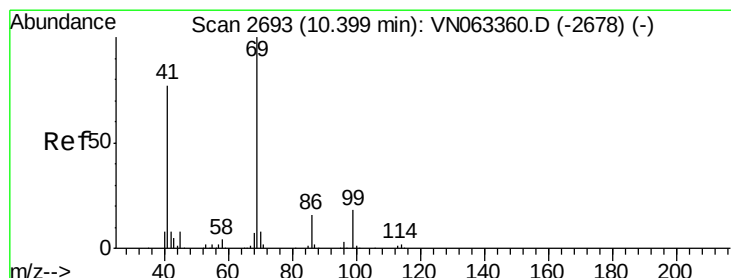
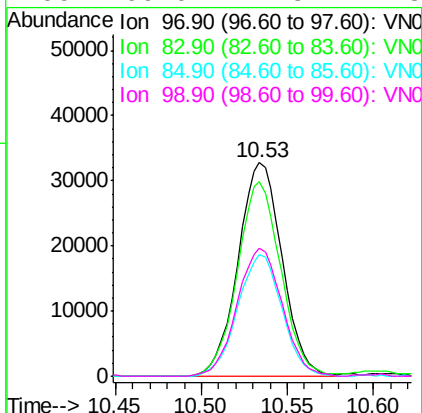
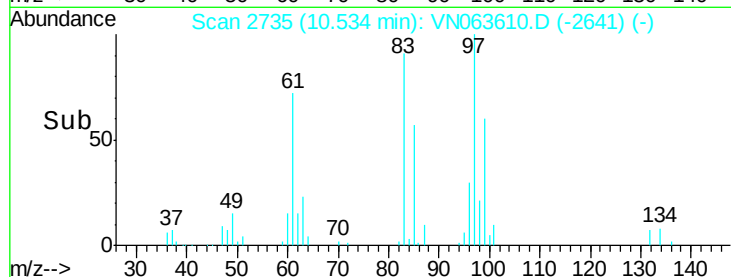
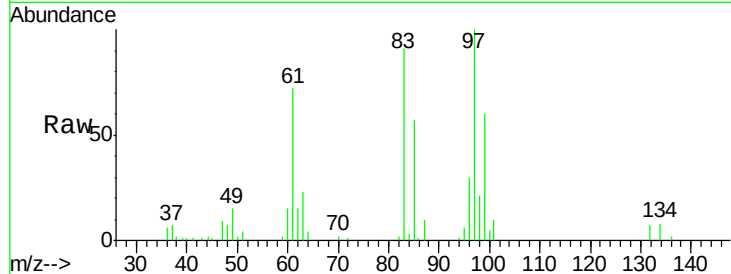
#55
 1,1,2-Trichloroethane
 Concen: 18.849 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063610.D
 Acq: 24 Sep 2020 00:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBS02

Tot Ion	97	Resp	58411
Ion	Ratio	Lower	Upper
97	100		
83	91.1	68.9	103.3
85	56.9	44.8	67.2
99	60.0	47.8	71.8

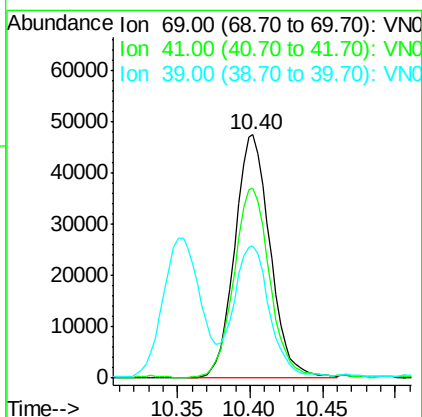
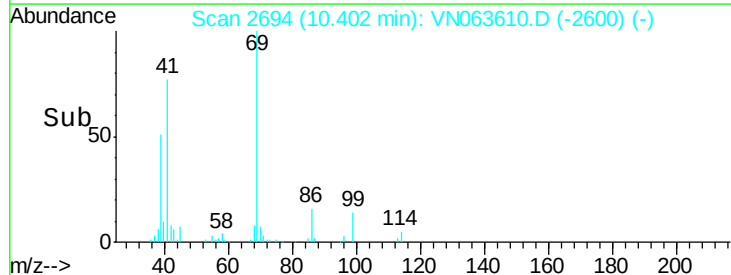
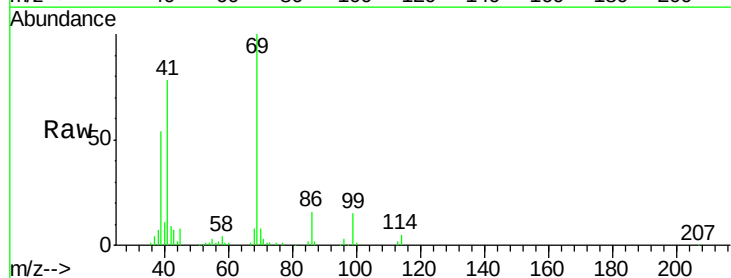
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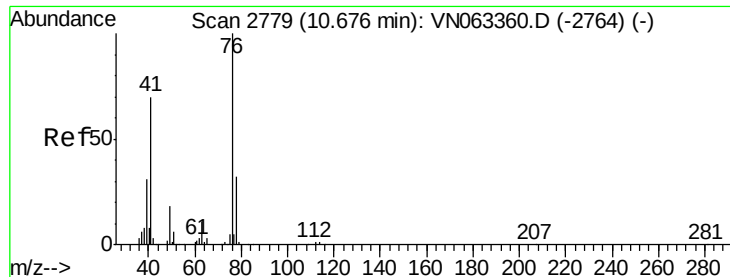
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#56
 Ethyl methacrylate
 Concen: 16.646 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN063610.D
 Acq: 24 Sep 2020 00:53

Tgt Ion	69	Resp	80528
Ion	Ratio	Lower	Upper
69	100		
41	78.5	61.0	91.6
39	52.9	39.2	58.8





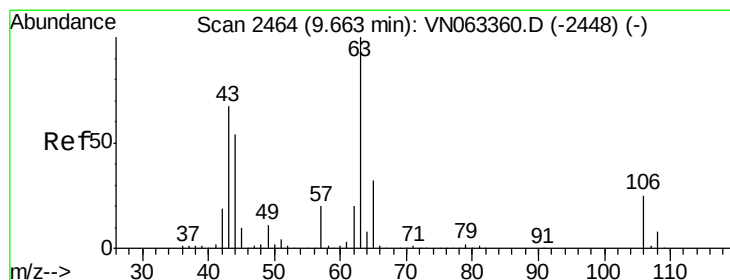
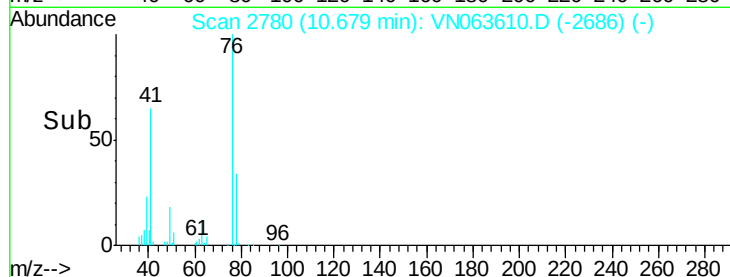
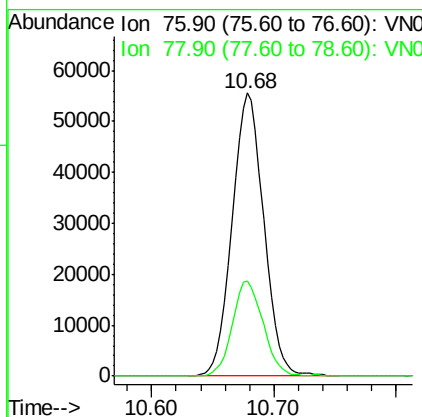
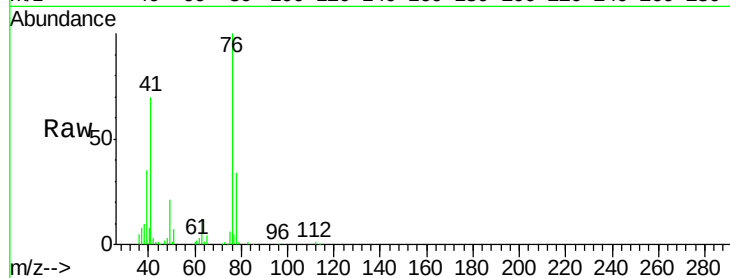
#57
 1,3-Dichloropropane
 Concen: 17.879 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN063610.D
 Acq: 24 Sep 2020 00:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.7	25.8	38.8

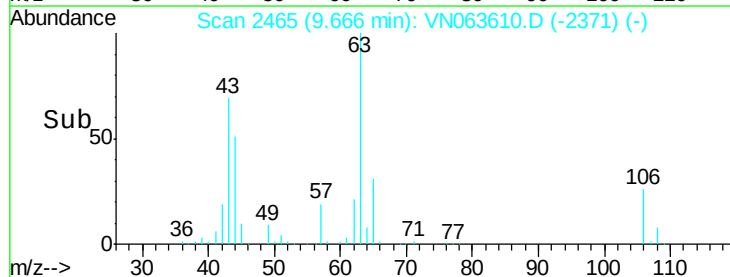
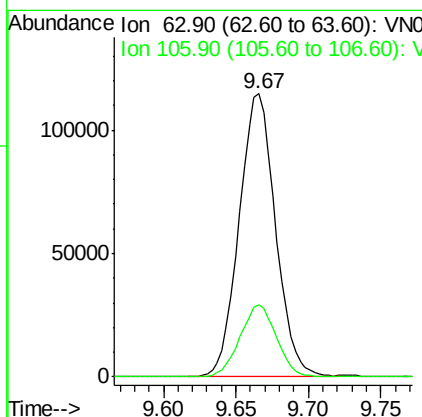
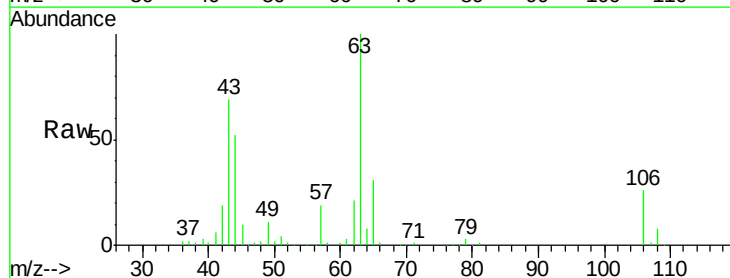
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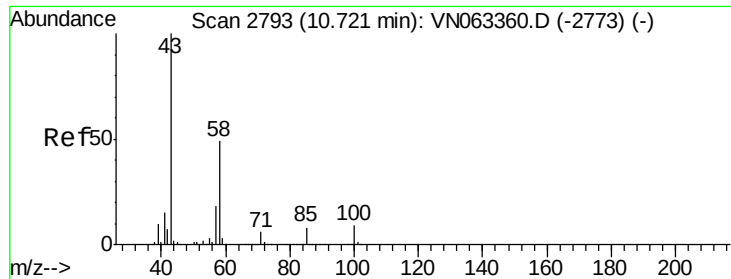
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#58
 2-Chloroethyl Vinyl ether
 Concen: 79.022 ug/l
 RT: 9.67 min Scan# 2465
 Delta R.T. 0.00 min
 Lab File: VN063610.D
 Acq: 24 Sep 2020 00:53

Tgt Ion	Ratio	Lower	Upper
63	100		
106	25.6	19.5	29.3





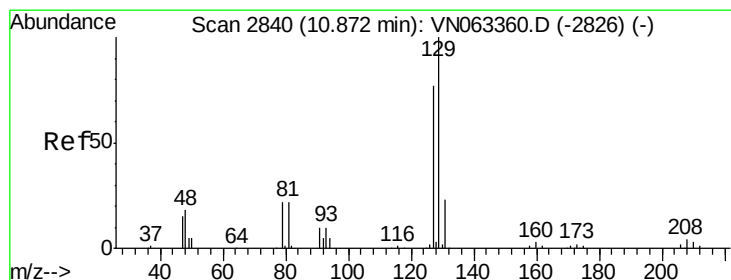
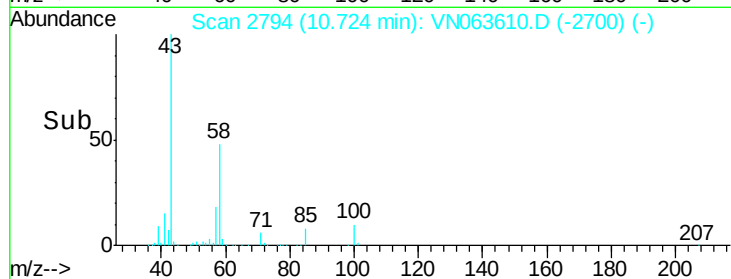
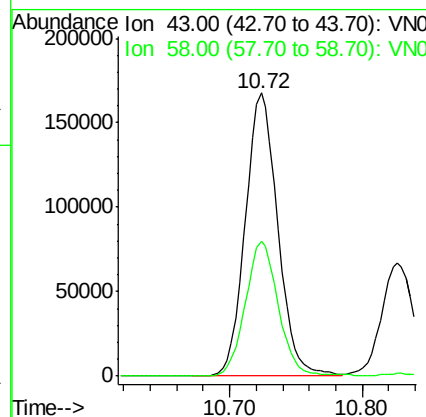
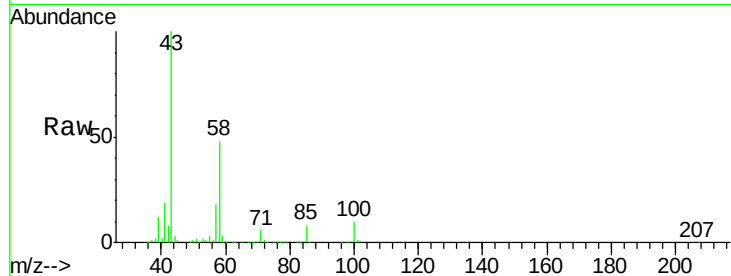
#59
2-Hexanone
Concen: 87.938 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063610.D
Acq: 24 Sep 2020 00:53

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS02

Tot Ion: 43 Resp: 284530
Ion Ratio Lower Upper
43 100
58 48.2 24.7 74.1

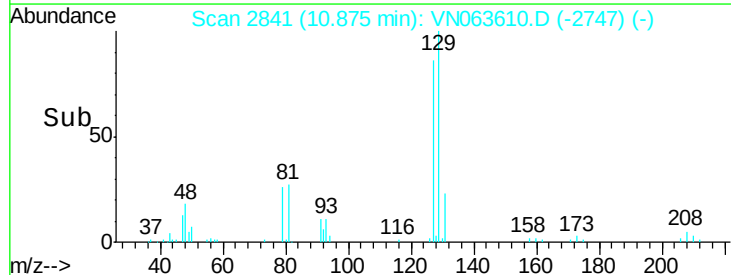
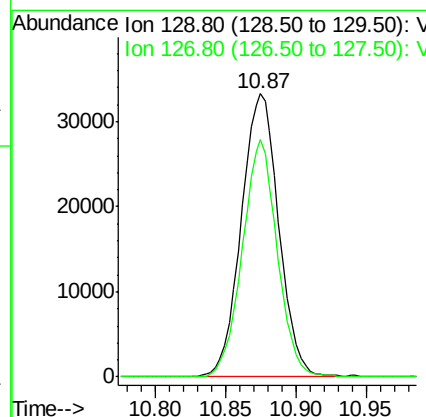
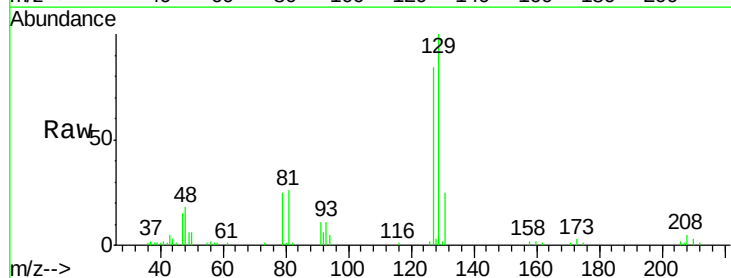
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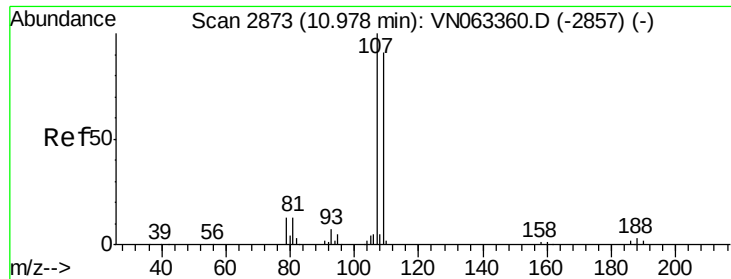
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#60
Dibromochloromethane
Concen: 17.661 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063610.D
Acq: 24 Sep 2020 00:53

Tgt Ion: 129 Resp: 61830
Ion Ratio Lower Upper
129 100
127 78.0 39.1 117.3





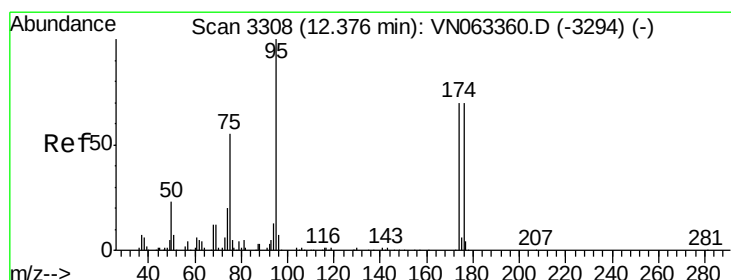
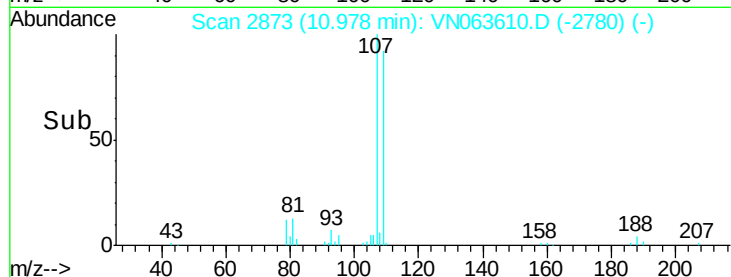
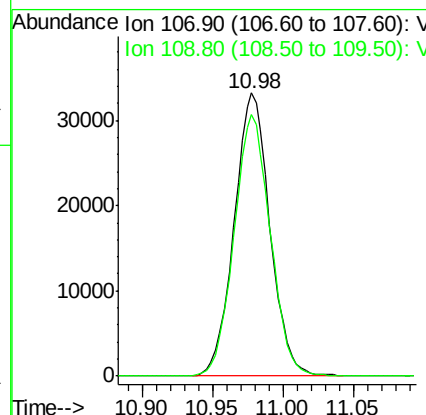
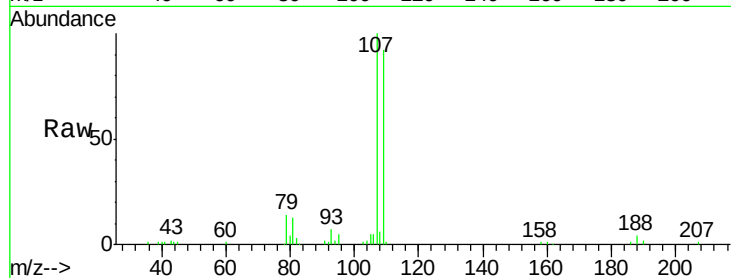
#61
 1,2-Dibromoethane
 Concen: 18.262 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063610.D
 Acq: 24 Sep 2020 00:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBS02

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.6	74.6	111.8

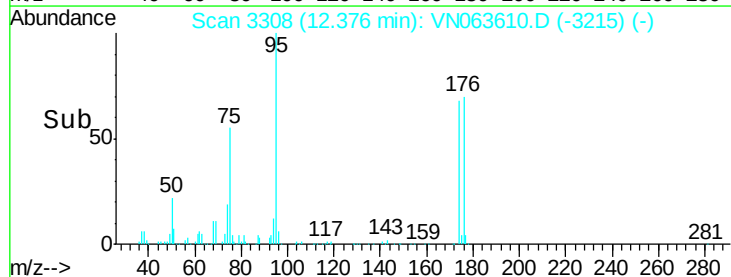
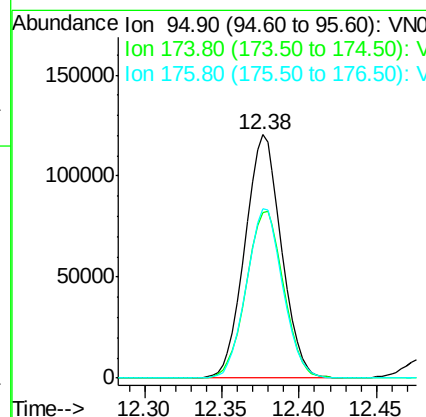
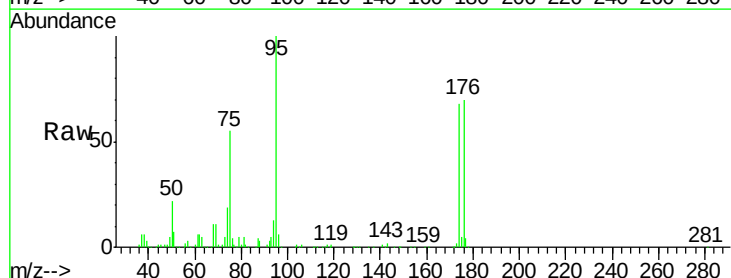
Manual Integrations
 APPROVED

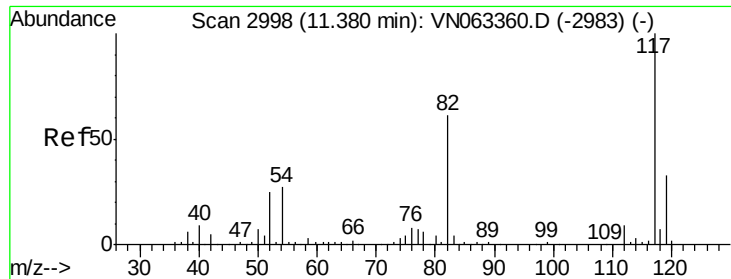
MMDadoda
 9/24/2020 1:38:22 PM



#62
 4-Bromofluorobenzene
 Concen: 48.682 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063610.D
 Acq: 24 Sep 2020 00:53

Tgt Ion	Ratio	Lower	Upper
95	100		
174	70.5	0.0	140.8
176	69.4	0.0	137.6





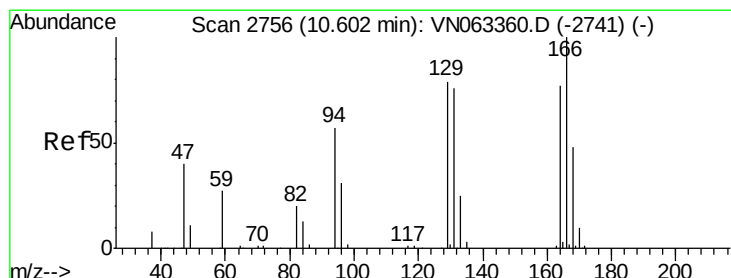
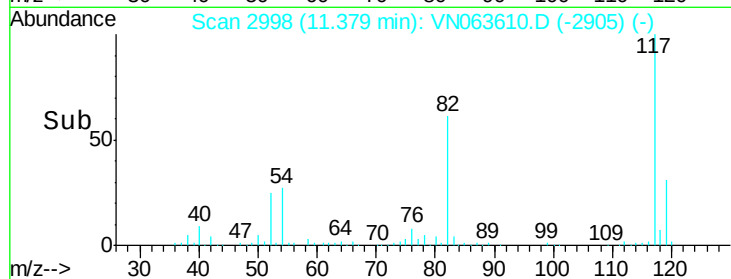
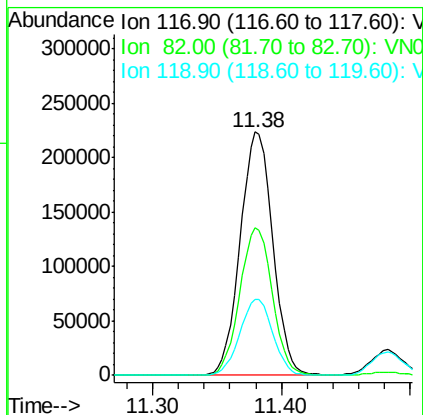
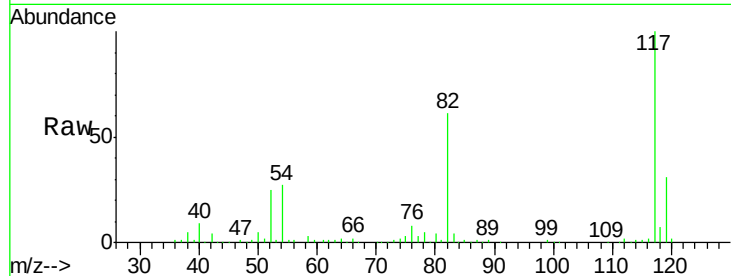
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063610.D
Acq: 24 Sep 2020 00:53

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.6	49.2	73.8
119	31.4	26.2	39.4

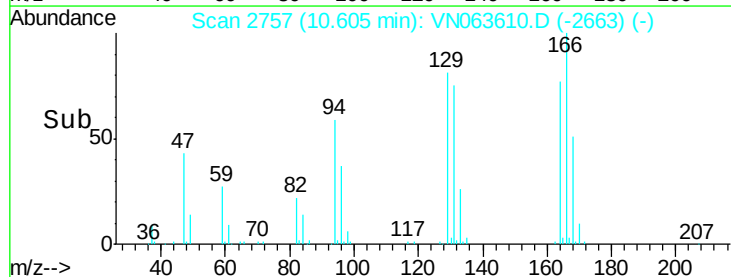
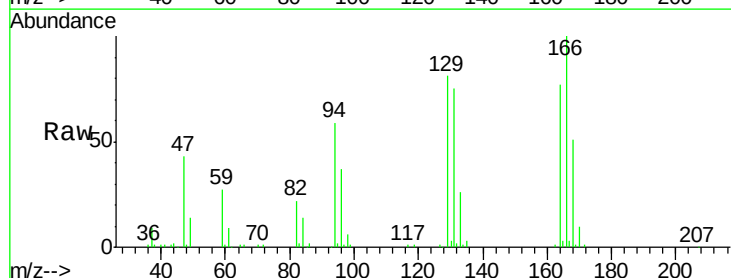
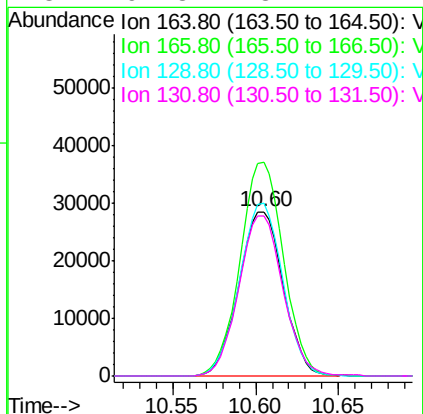
Manual Integrations
APPROVED

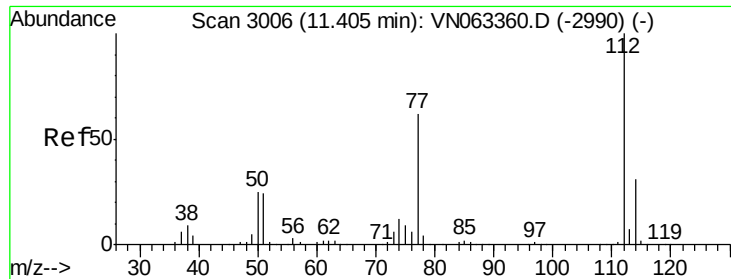
MMDadoda
9/24/2020 1:38:22 PM



#64
Tetrachloroethene
Concen: 19.786 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063610.D
Acq: 24 Sep 2020 00:53

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.2	103.4	155.0
129	105.3	81.8	122.6
131	97.8	78.2	117.4





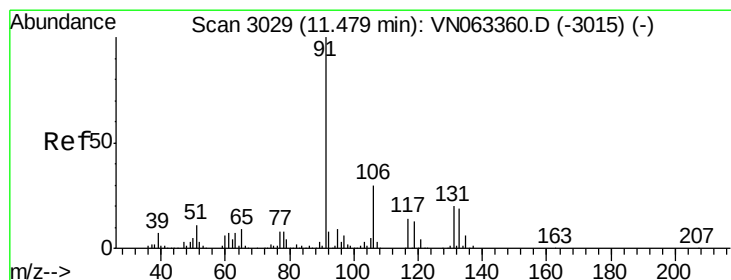
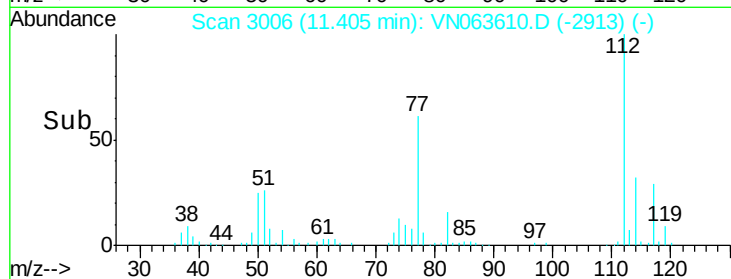
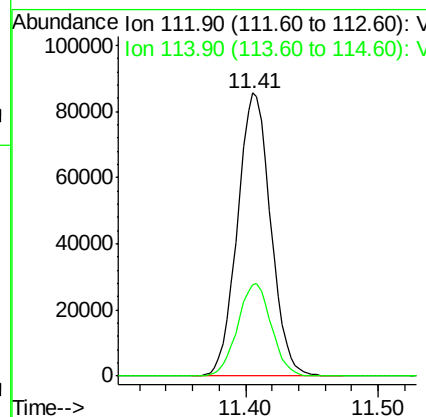
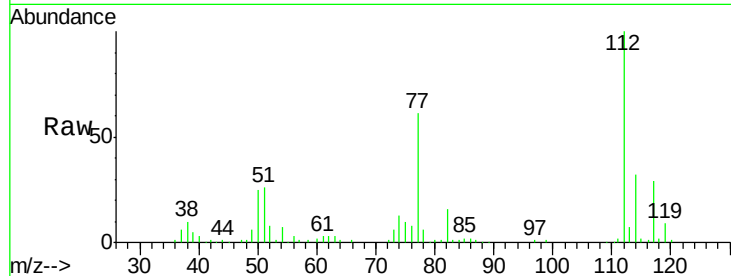
#65
Chlorobenzene
Concen: 17.750 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063610.D
Acq: 24 Sep 2020 00:53

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS02

Tot Ion:112 Resp: 148698
Ion Ratio Lower Upper
112 100
114 32.5 25.0 37.6

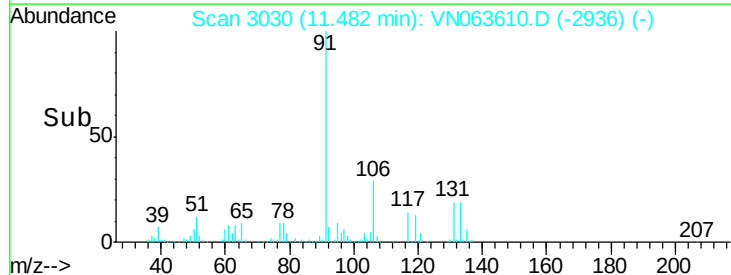
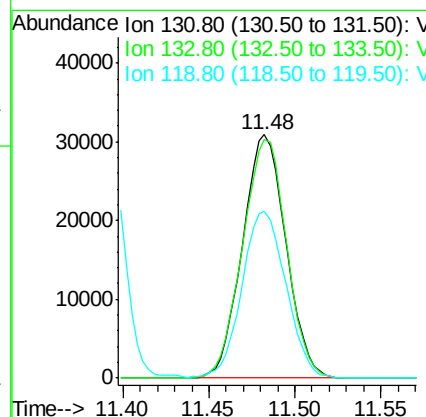
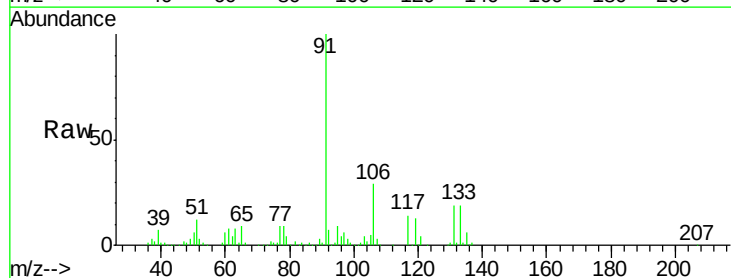
Manual Integrations
APPROVED

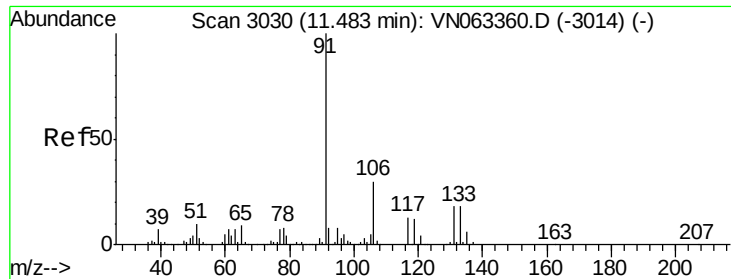
MMDadoda
9/24/2020 1:38:22 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 17.635 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063610.D
Acq: 24 Sep 2020 00:53

Tgt Ion:131 Resp: 54156
Ion Ratio Lower Upper
131 100
133 99.3 47.3 141.9
119 69.4 33.6 100.8





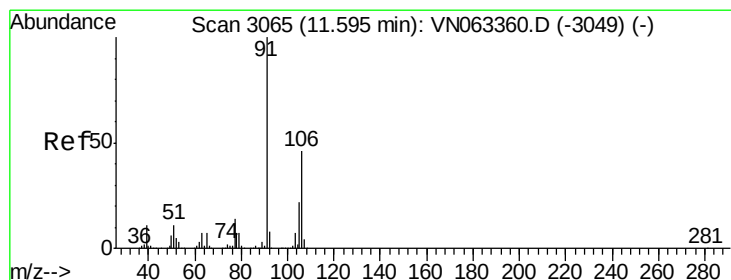
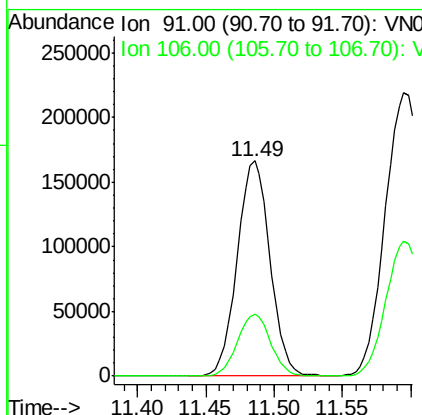
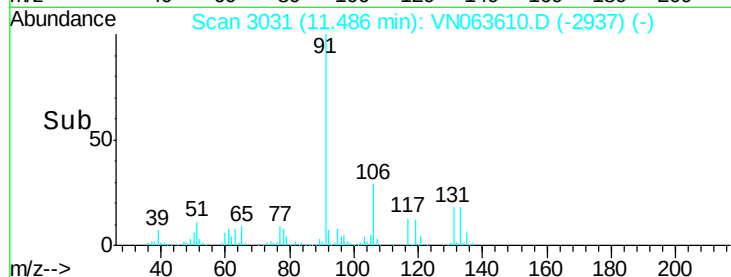
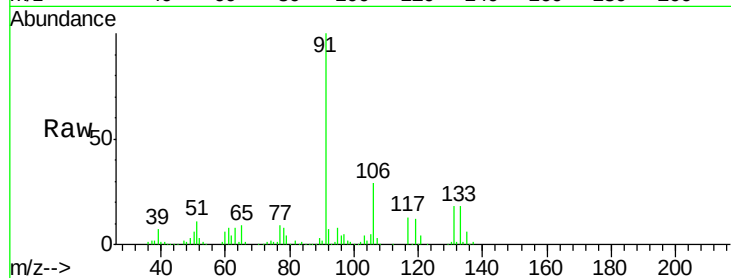
#67
Ethyl Benzene
Concen: 17.654 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063610.D
Acq: 24 Sep 2020 00:53

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS02

Tot Ion: 91 Resp: 278518
Ion Ratio Lower Upper
91 100
106 28.9 23.8 35.6

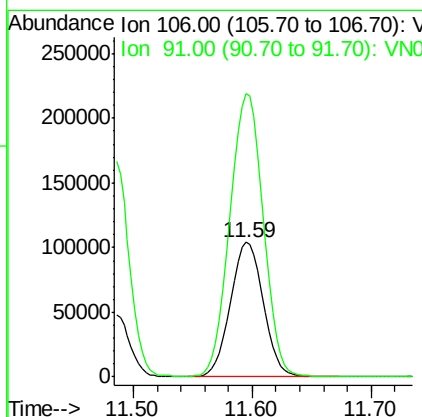
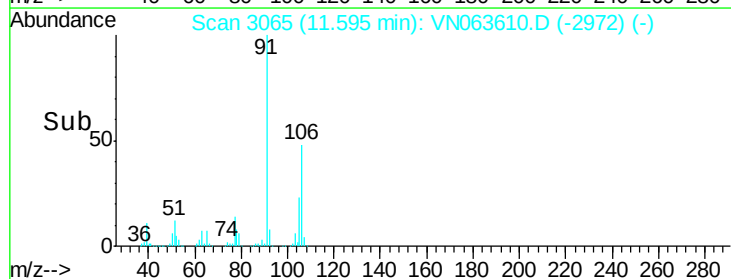
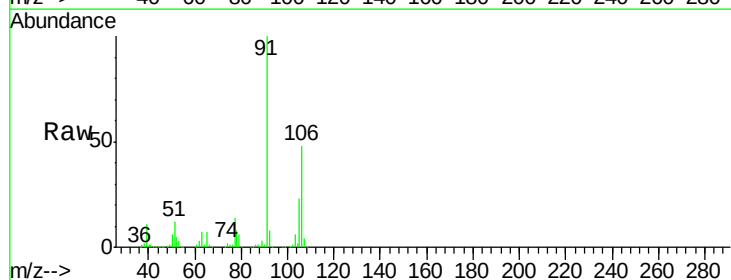
Manual Integrations
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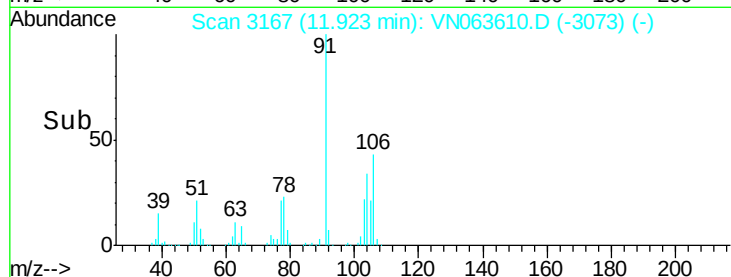
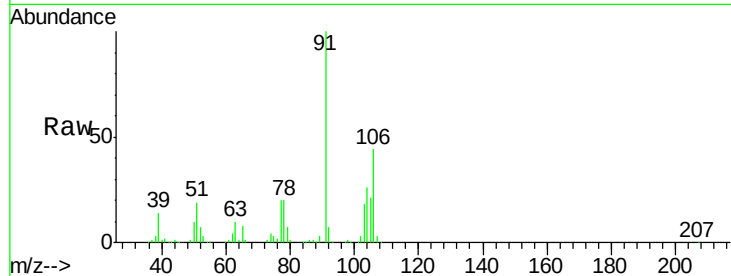
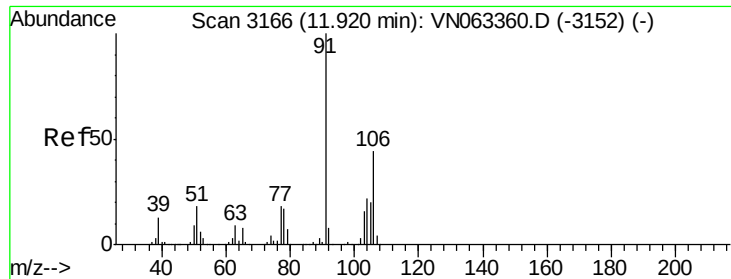
MMDadoda
9/24/2020 1:38:22 PM



#68
m/p-Xylenes
Concen: 35.102 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063610.D
Acq: 24 Sep 2020 00:53

Tgt Ion: 106 Resp: 199664
Ion Ratio Lower Upper
106 100
91 213.6 171.2 256.8





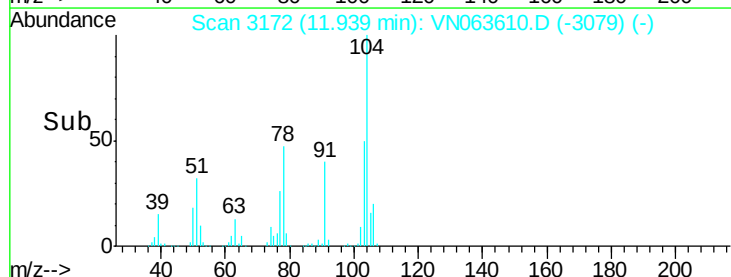
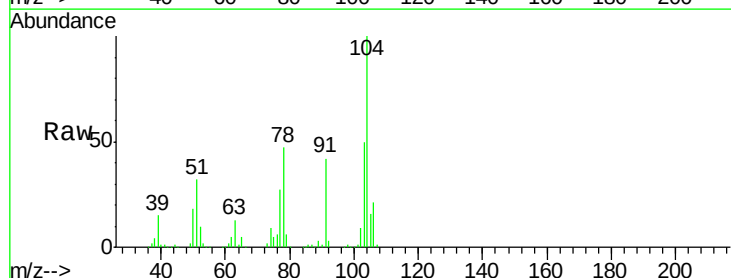
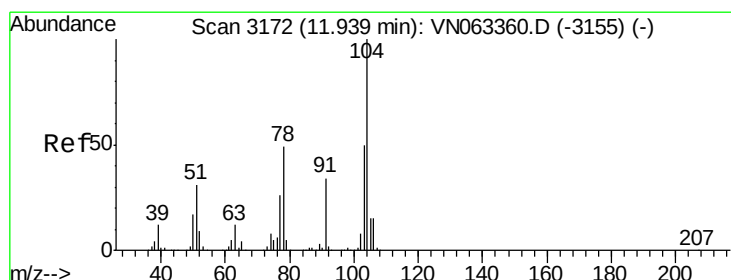
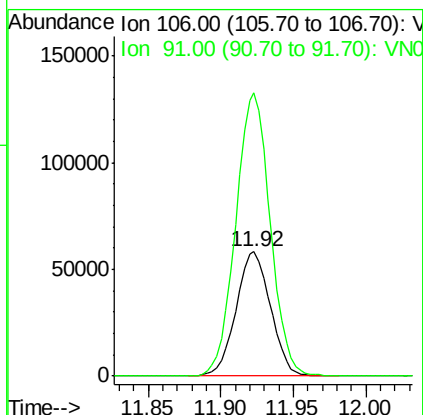
#69
o-Xylene
Concen: 17.817 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063610.D
Acq: 24 Sep 2020 00:53

Instrument :
MSVOA_N
ClientSampled :
VN0923WBS02

Tot Ion:106 Resp: 96544
Ion Ratio Lower Upper
106 100
91 226.1 113.6 340.8

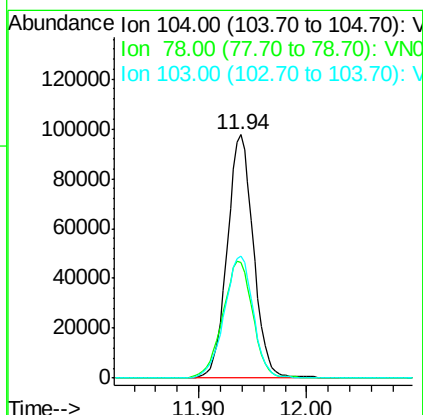
Manual Integrations
APPROVED

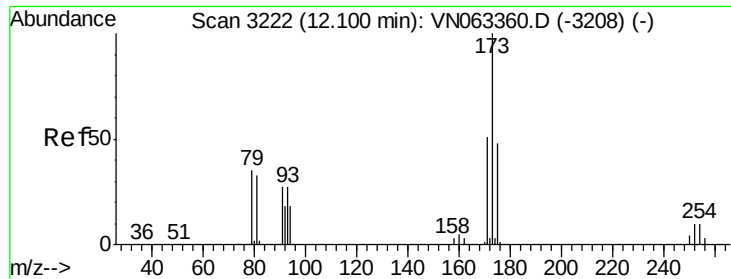
MMDadoda
9/24/2020 1:38:22 PM



#70
Styrene
Concen: 18.109 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063610.D
Acq: 24 Sep 2020 00:53

Tgt Ion:104 Resp: 164552
Ion Ratio Lower Upper
104 100
78 55.3 44.4 66.6
103 55.5 43.7 65.5





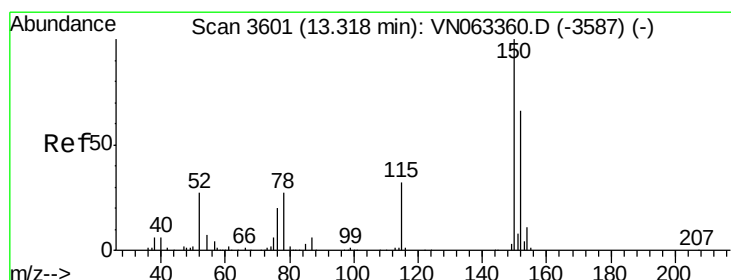
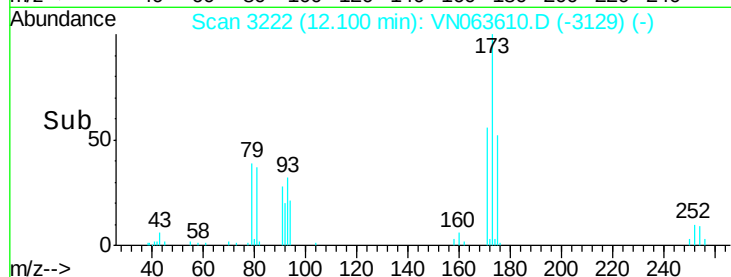
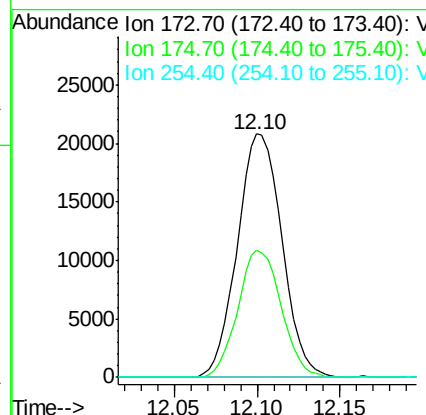
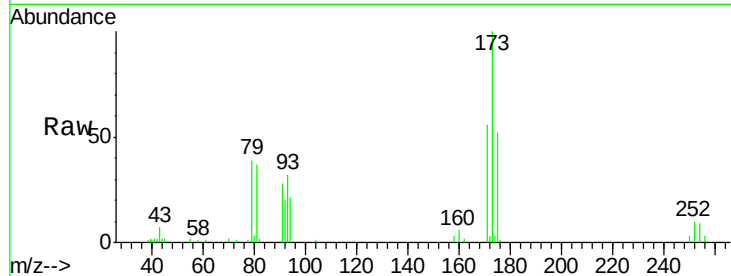
#71
Bromoform
Concen: 17.046 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN063610.D
Acq: 24 Sep 2020 00:53

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.5	24.0	72.0
254	0.0	0.0	0.0

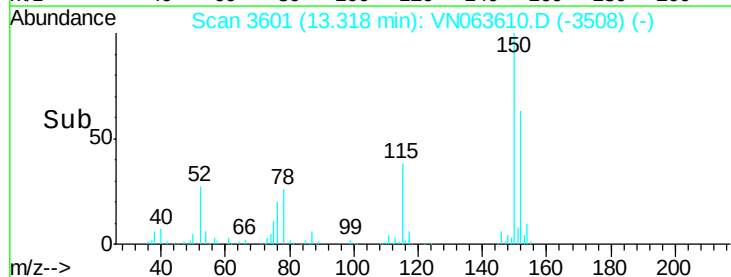
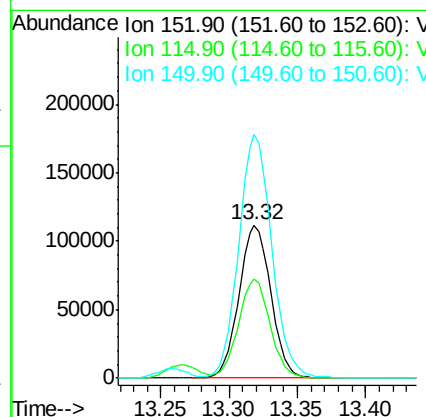
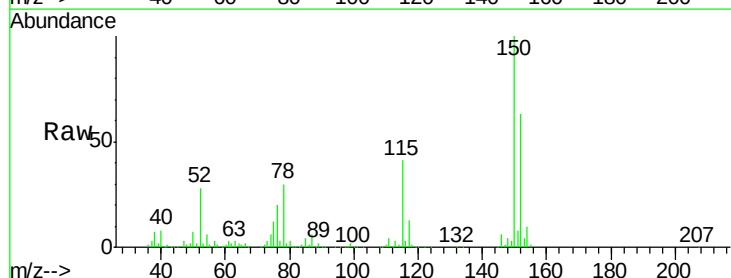
Manual Integrations
APPROVED

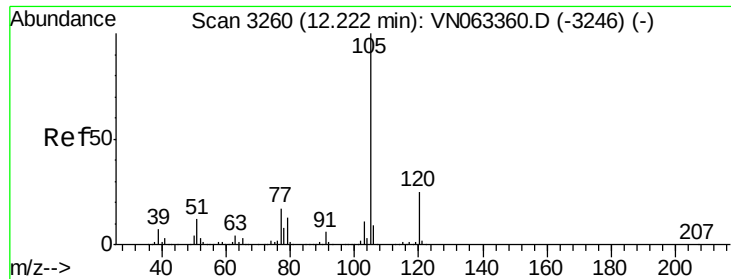
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063610.D
Acq: 24 Sep 2020 00:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.9	32.2	96.6
150	164.3	0.0	343.4





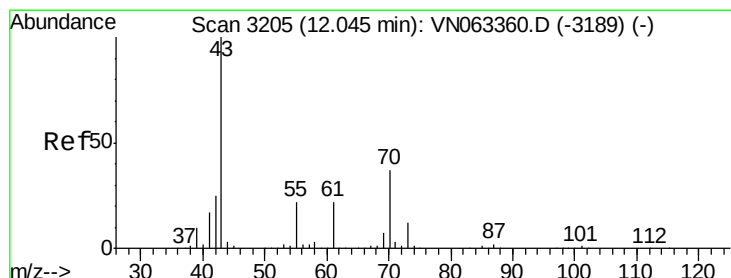
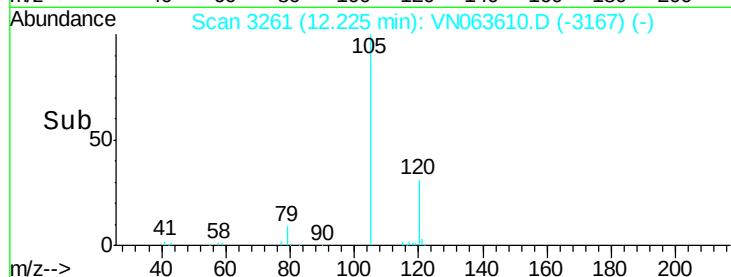
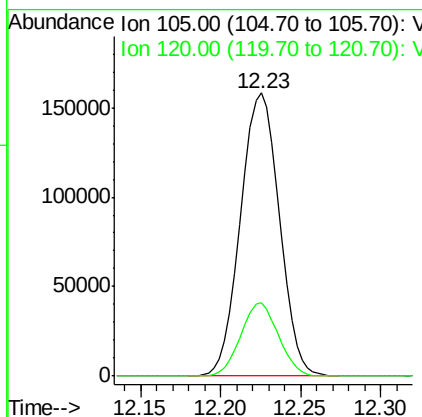
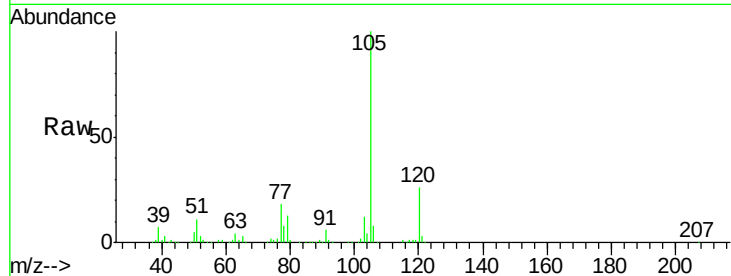
#73
Isopropylbenzene
Concen: 18.007 ug/l
RT: 12.23 min Scan# 3261
Delta R.T. 0.00 min
Lab File: VN063610.D
Acq: 24 Sep 2020 00:53

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS02

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.1	12.7	38.0

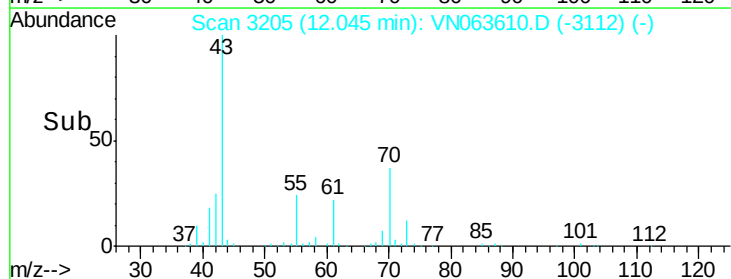
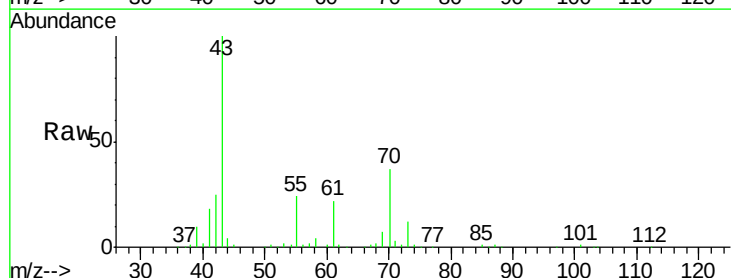
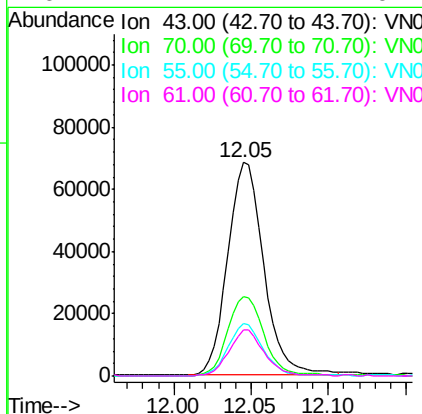
Manual Integrations
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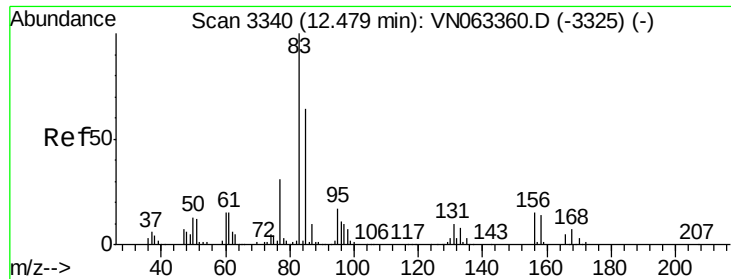
MMDadoda
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#74
N-ethyl acetate
Concen: 15.982 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. -0.00 min
Lab File: VN063610.D
Acq: 24 Sep 2020 00:53

Tgt Ion	Ratio	Lower	Upper
43	100		
70	37.9	29.6	44.4
55	24.4	17.7	26.5
61	21.4	17.4	26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 17.937 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

Instrument :

MSVOA_N

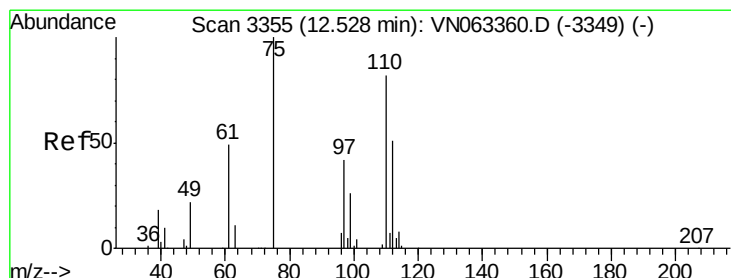
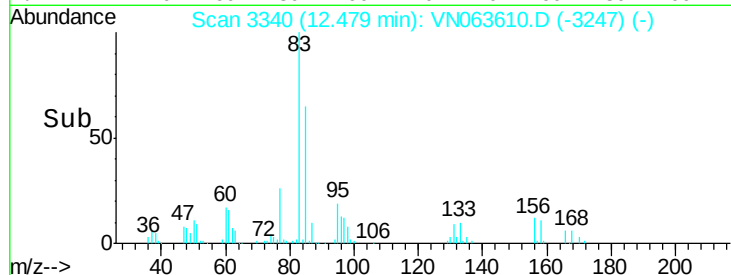
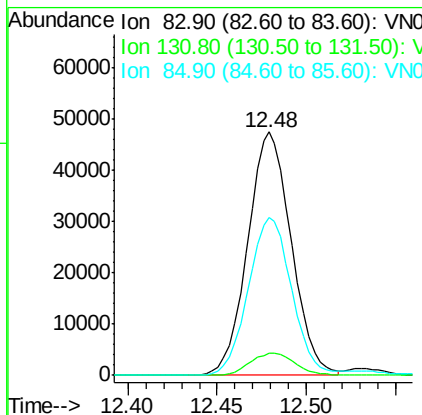
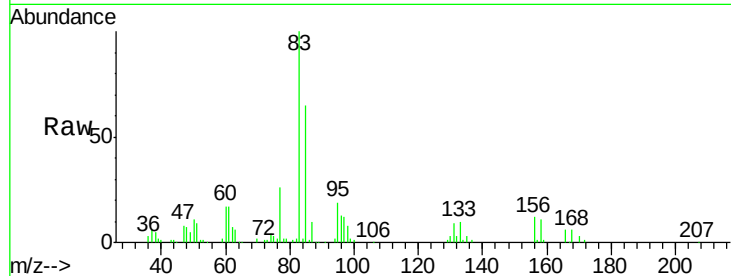
ClientSampleId :

VN0923WBS02

Tot Ion:	83	Resp:	80909
Ion Ratio	Lower	Upper	
83	100		
131	9.3	4.9	14.7
85	64.8	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 16.805 ug/l m

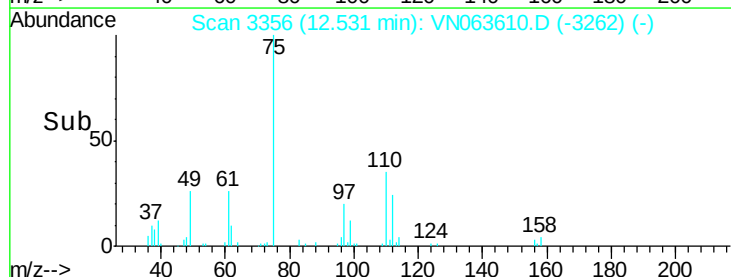
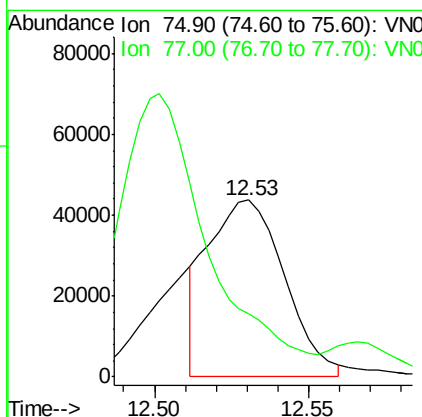
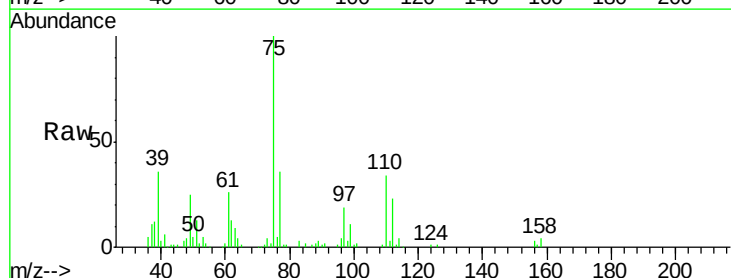
RT: 12.53 min Scan# 3356

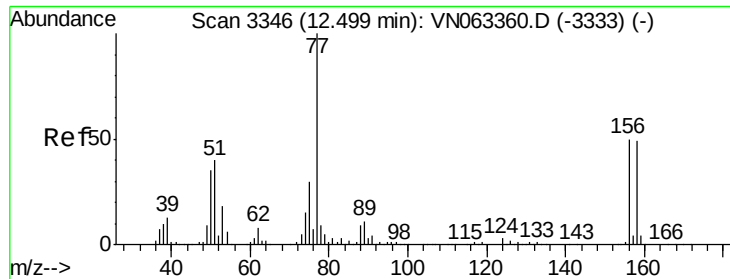
Delta R.T. 0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

Tgt Ion:	75	Resp:	75620
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 18.806 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBS02

Tot Ion:156 Resp: 61627

Ion Ratio Lower Upper

156 100

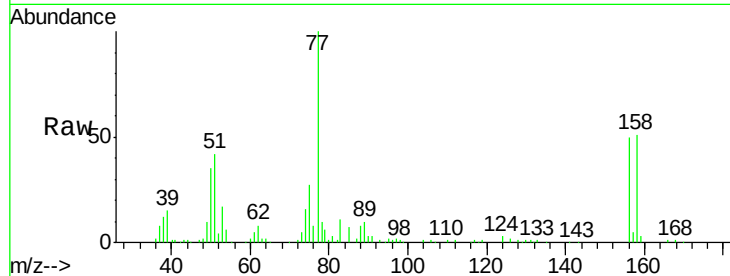
77 234.3 120.2 360.6

158 97.1 48.9 146.6

Manual Integrations
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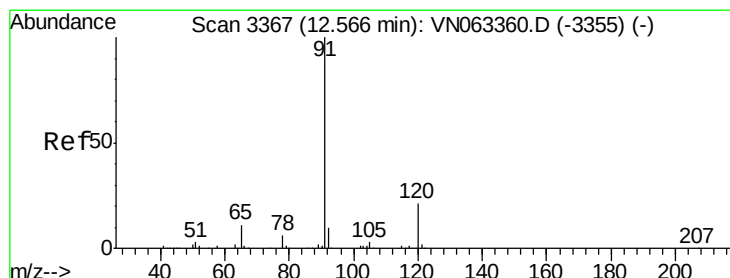
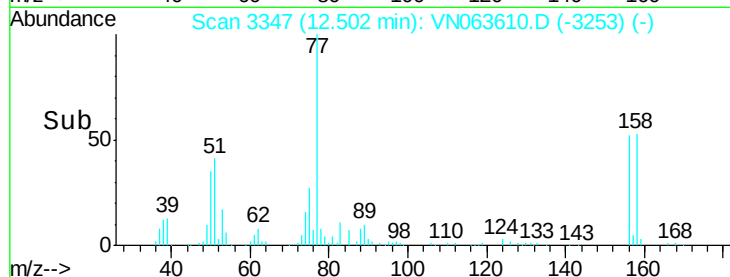
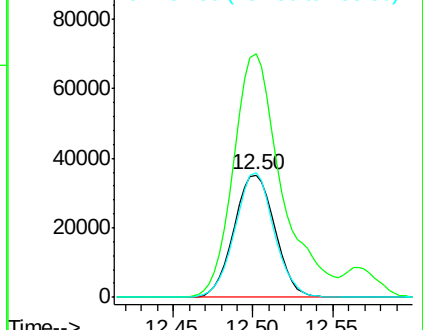
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.382 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063610.D

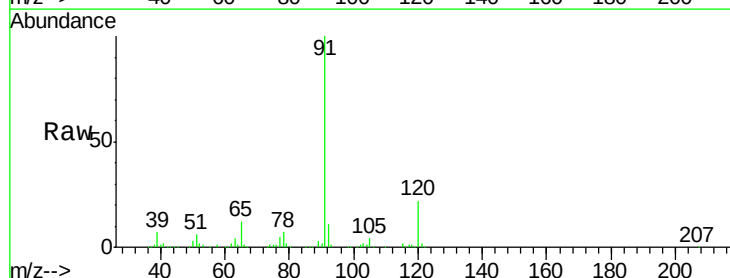
Acq: 24 Sep 2020 00:53

Tgt Ion: 91 Resp: 294929

Ion Ratio Lower Upper

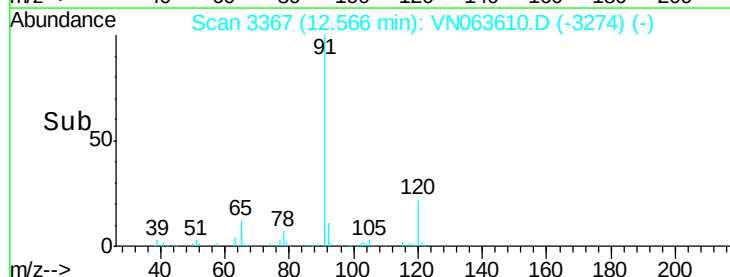
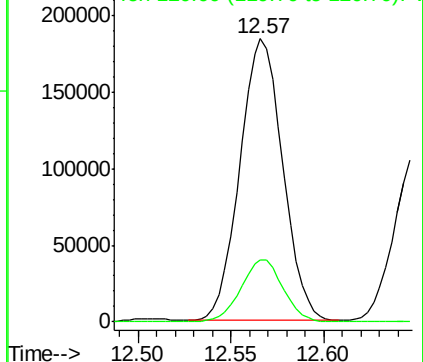
91 100

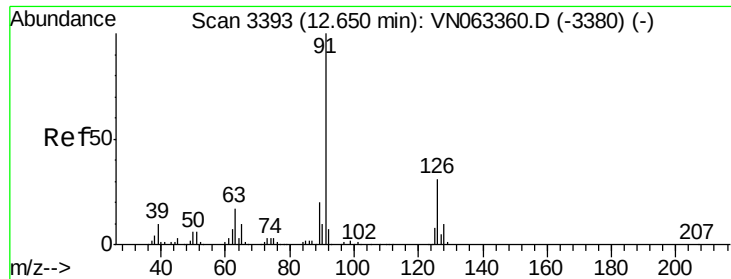
120 21.7 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.883 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBS02

Tot Ion: 91 Resp: 181894

Ion Ratio Lower Upper

91 100

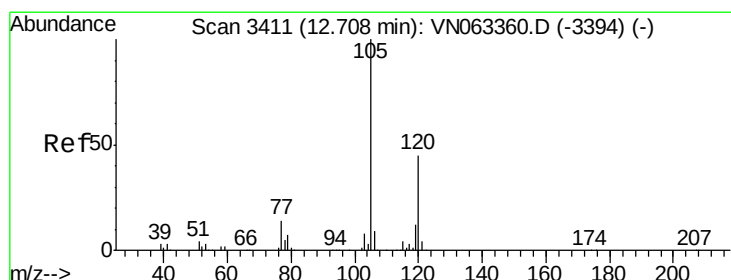
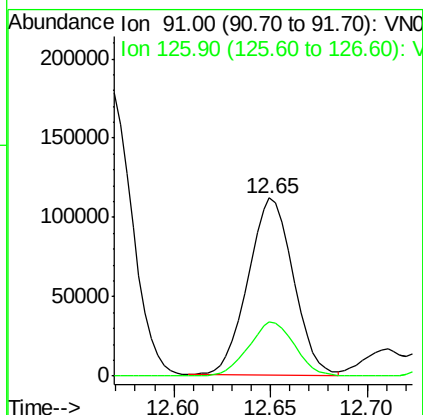
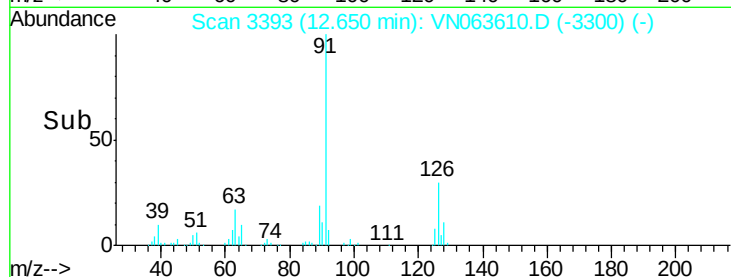
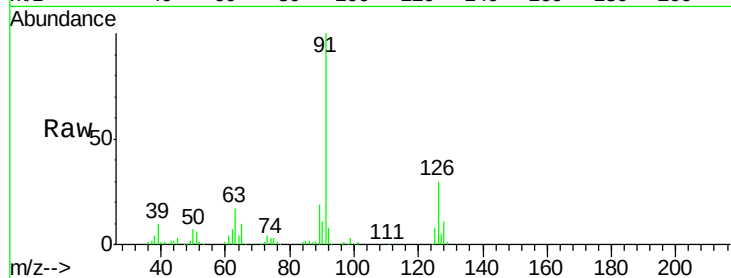
126 31.6 15.8 47.3

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 17.588 ug/l

RT: 12.71 min Scan# 3412

Delta R.T. 0.00 min

Lab File: VN063610.D

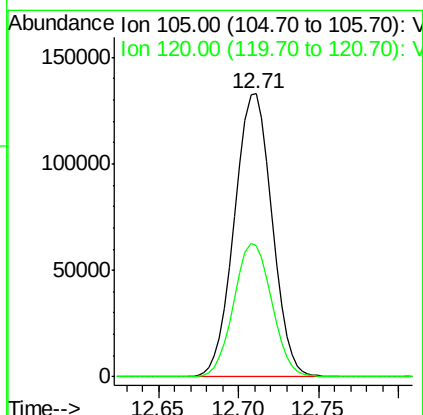
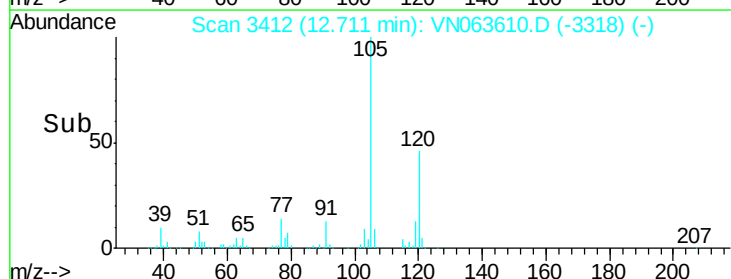
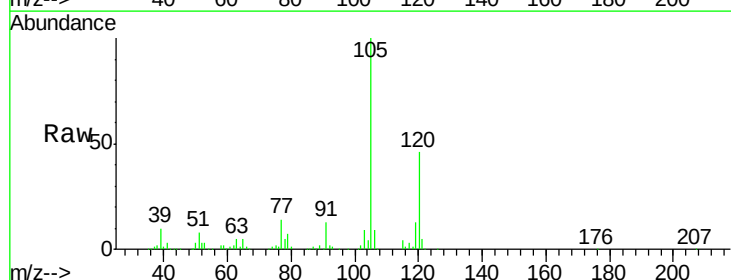
Acq: 24 Sep 2020 00:53

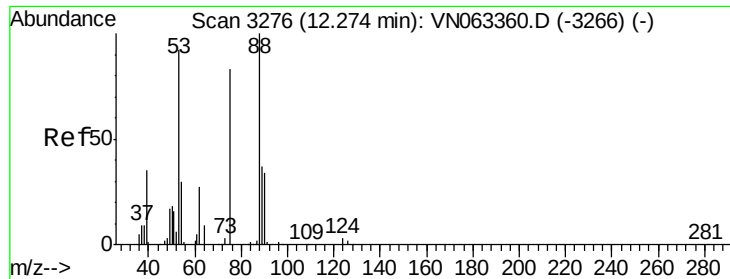
Tgt Ion: 105 Resp: 213654

Ion Ratio Lower Upper

105 100

120 47.6 22.9 68.8





#81

trans-1,4-Dichloro-2-butene

Concen: 14.343 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

Instrument :

MSVOA_N

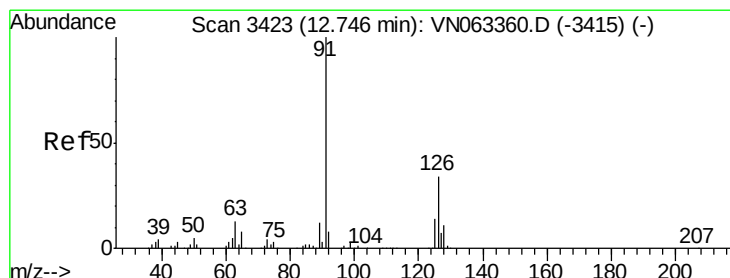
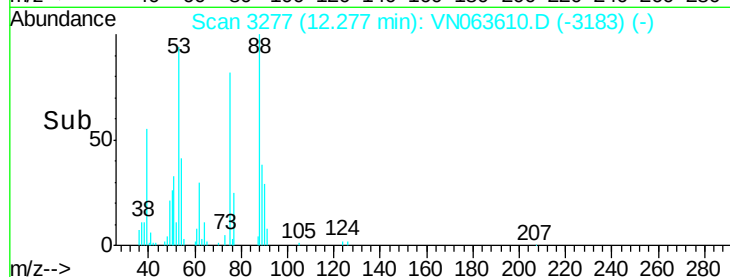
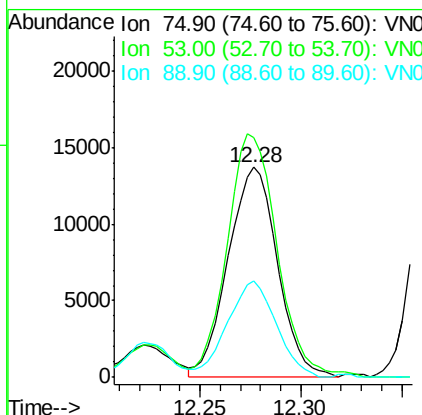
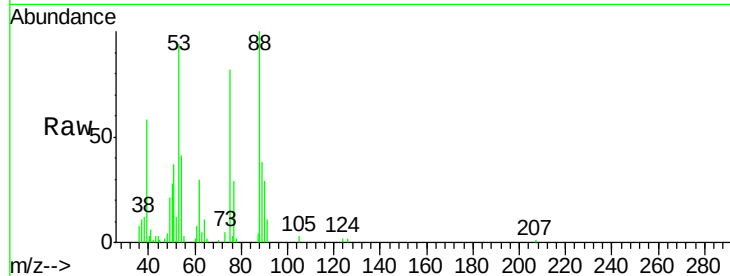
ClientSampleId :

VN0923WBS02

Tot Ion:	75	Resp:	23540
Ion	Ratio	Lower	Upper
75	100		
53	117.5	85.7	128.5
89	45.3	38.0	57.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 17.781 ug/l

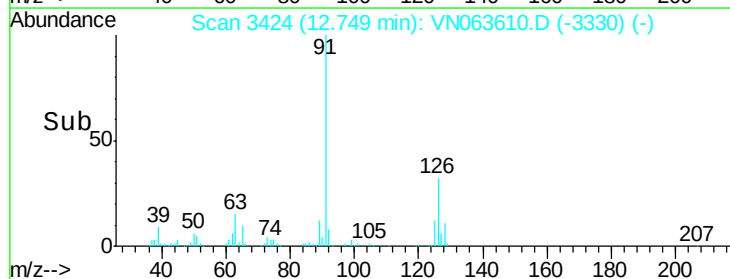
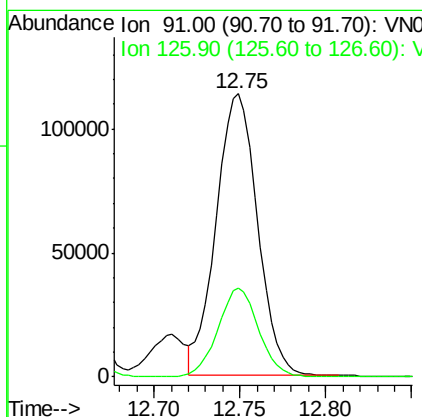
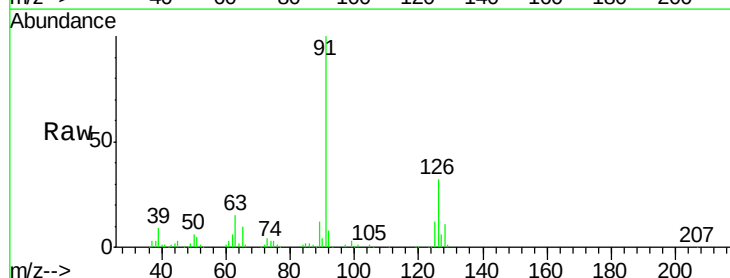
RT: 12.75 min Scan# 3424

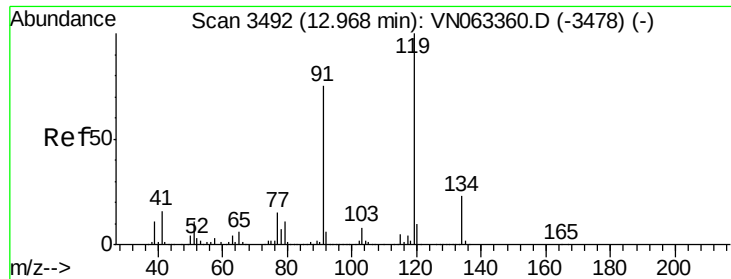
Delta R.T. 0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

Tgt Ion:	91	Resp:	191090
Ion	Ratio	Lower	Upper
91	100		
126	31.2	15.5	46.5





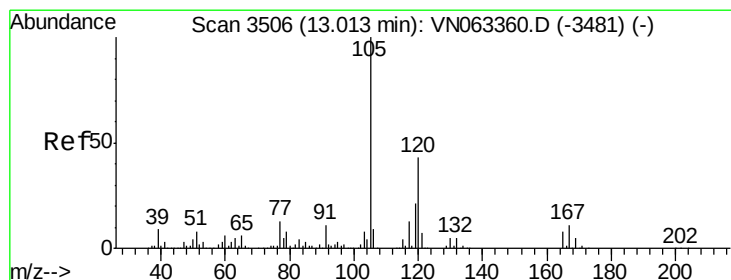
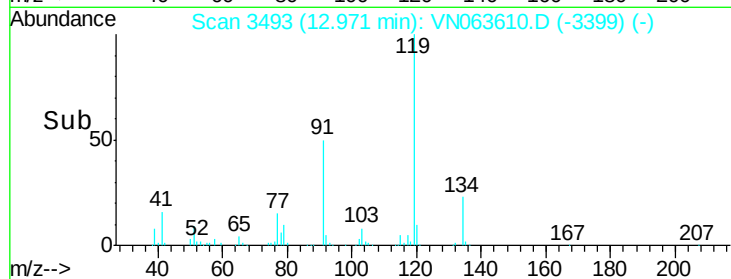
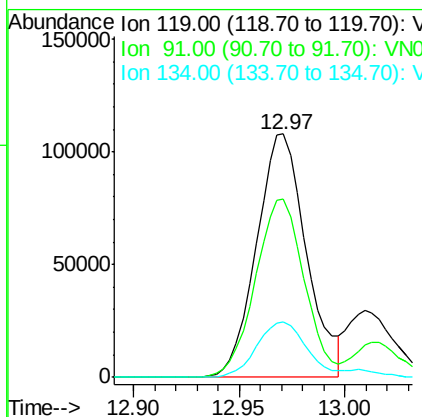
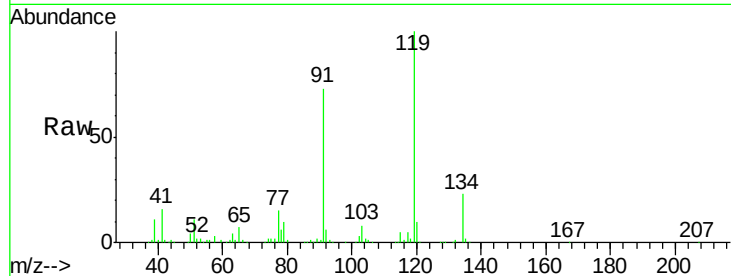
#83
 tert-Butylbenzene
 Concen: 17.712 ug/l
 RT: 12.97 min Scan# 3493
 Delta R.T. 0.00 min
 Lab File: VN063610.D
 Acq: 24 Sep 2020 00:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	177582		
91	71.9	36.3	108.9	
134	23.0	12.3	36.8	

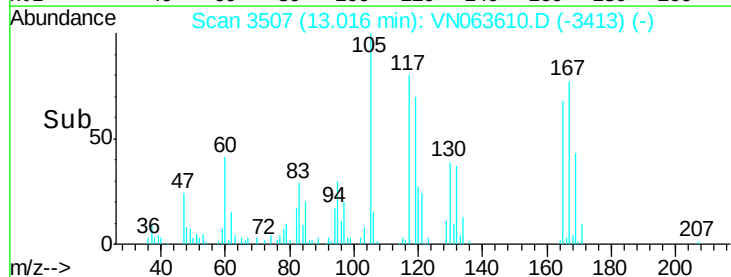
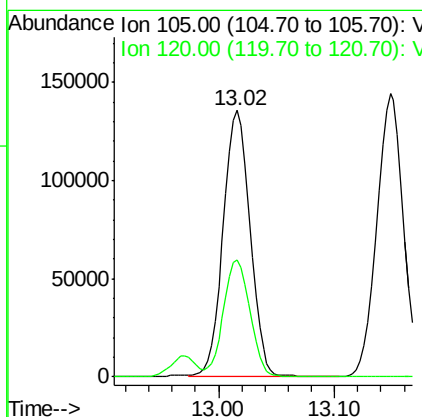
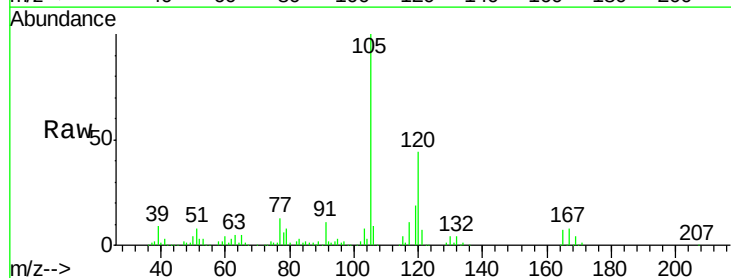
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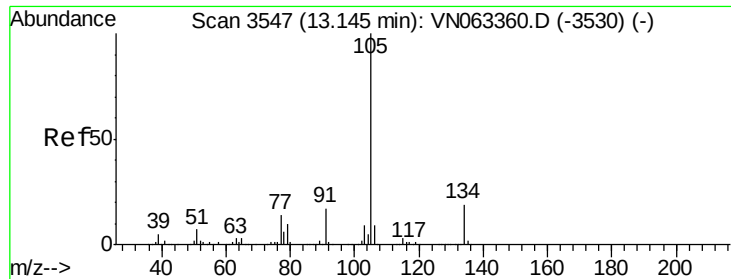
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 17.692 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063610.D
 Acq: 24 Sep 2020 00:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	217092		
120	43.2	21.3	63.9	





#85

sec-Butylbenzene

Concen: 17.340 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBS02

Tot Ion:105 Resp: 232712

Ion Ratio Lower Upper

105 100

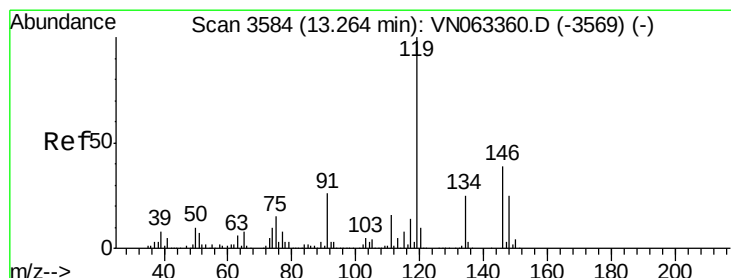
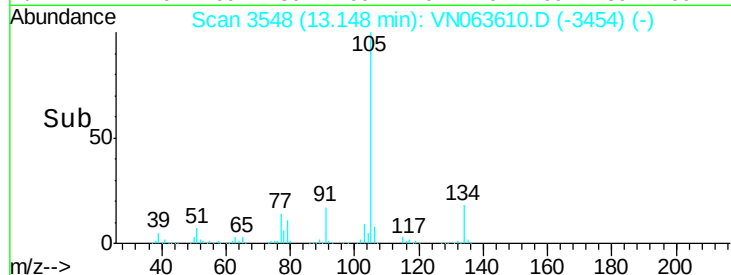
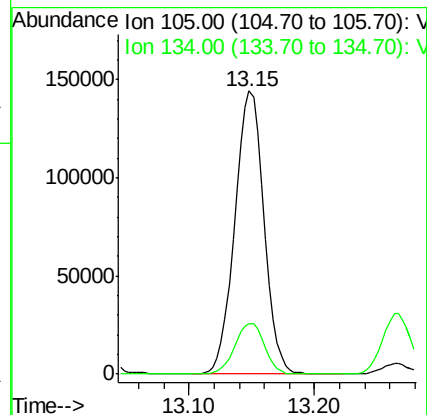
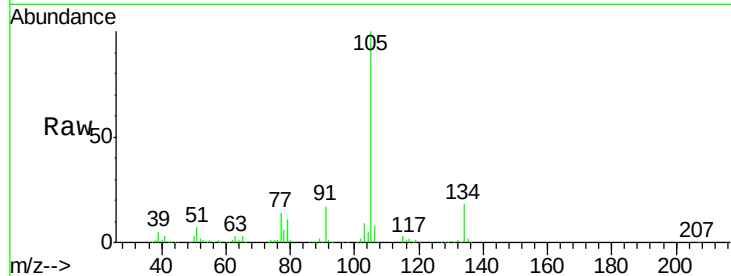
134 18.2 9.3 27.7

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 16.900 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

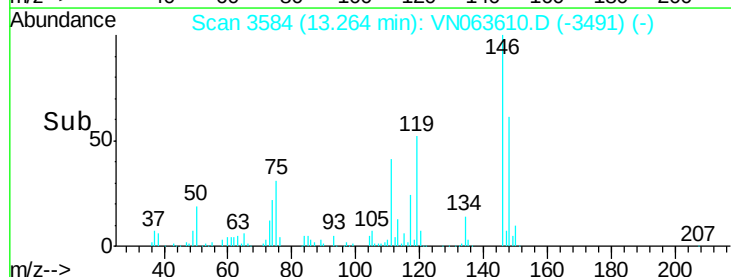
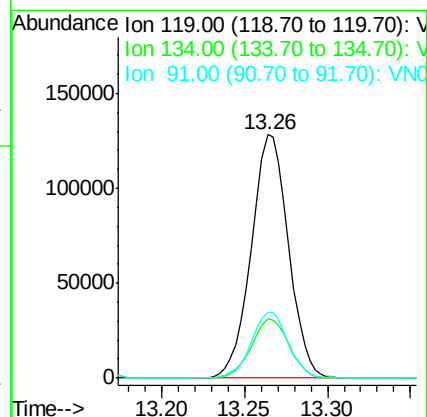
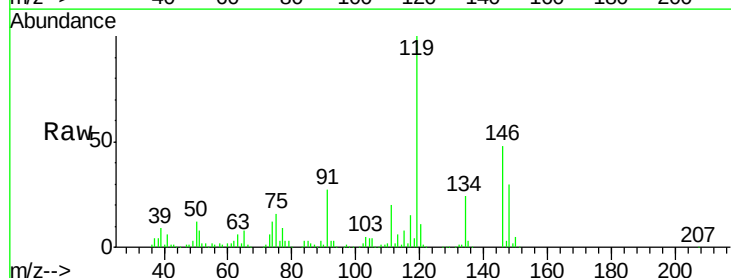
Tgt Ion:119 Resp: 200052

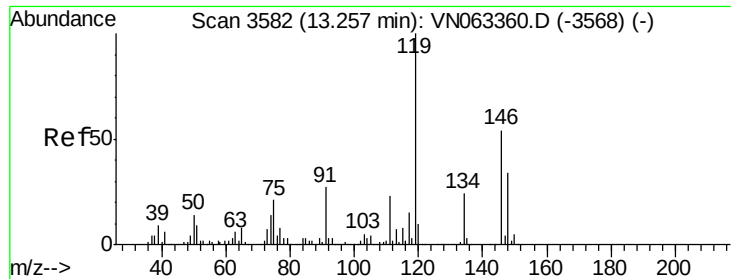
Ion Ratio Lower Upper

119 100

134 24.6 12.5 37.5

91 26.9 13.4 40.1





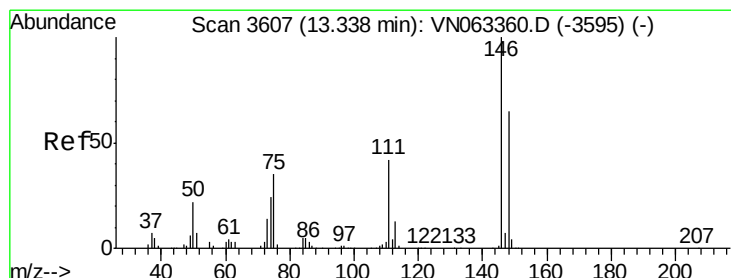
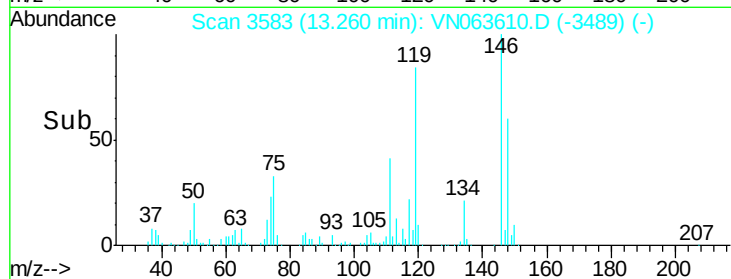
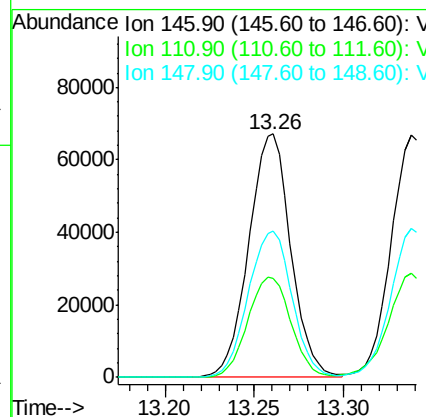
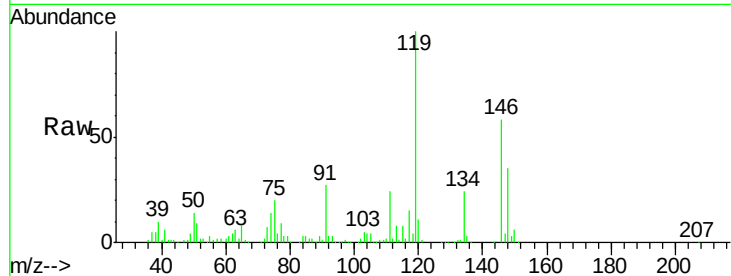
#87
 1,3-Dichlorobenzene
 Concen: 18.191 ug/l
 RT: 13.26 min Scan# 3583
 Delta R.T. 0.00 min
 Lab File: VN063610.D
 Acq: 24 Sep 2020 00:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.4	64.3
148	62.6	31.9	95.7

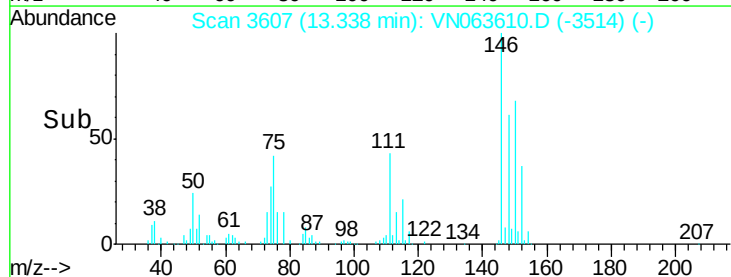
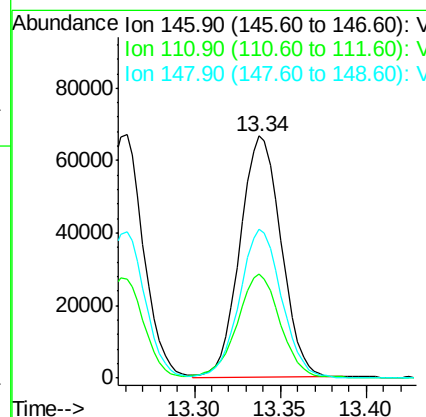
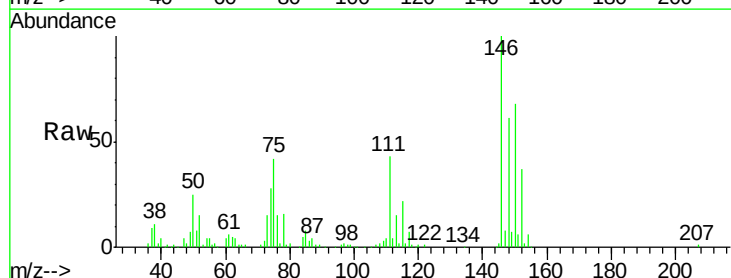
Manual Integrations
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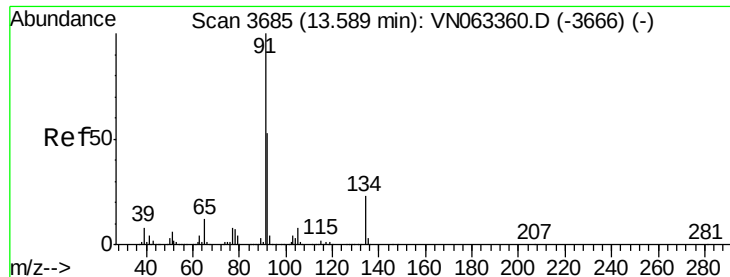
MMDadoda
 9/24/2020 1:38:22 PM



#88
 1,4-Dichlorobenzene
 Concen: 17.880 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063610.D
 Acq: 24 Sep 2020 00:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.5	21.2	63.6
148	62.6	31.9	95.9





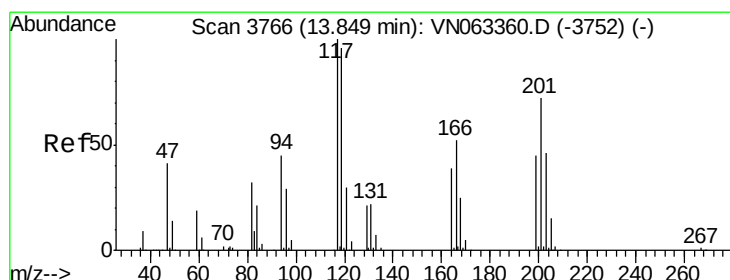
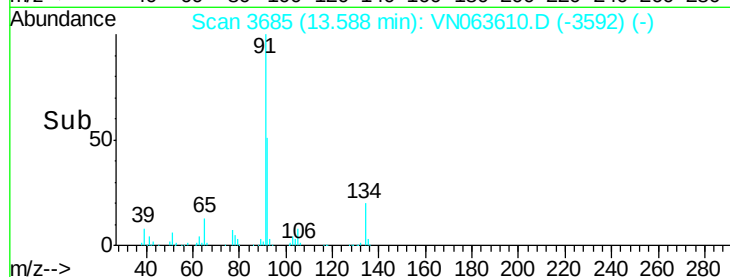
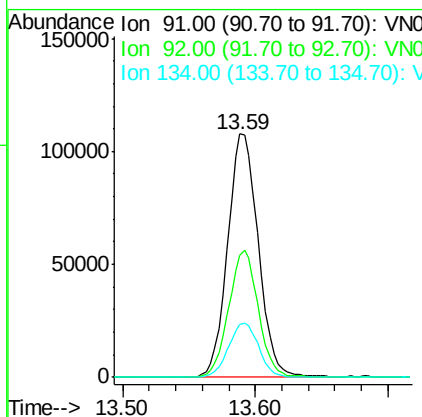
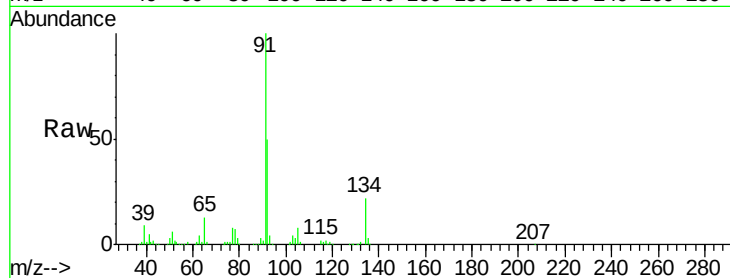
#89
n-Butylbenzene
Concen: 15.901 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN063610.D
Acq: 24 Sep 2020 00:53

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.5	26.0	78.0
134	22.0	11.7	35.0

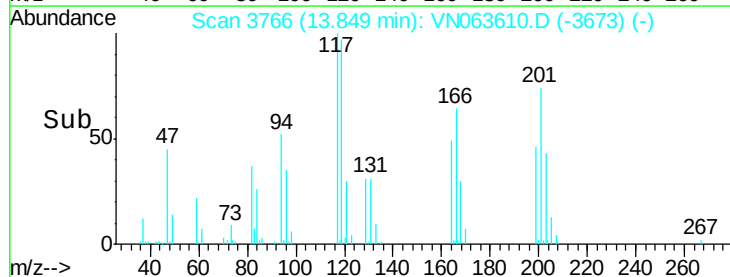
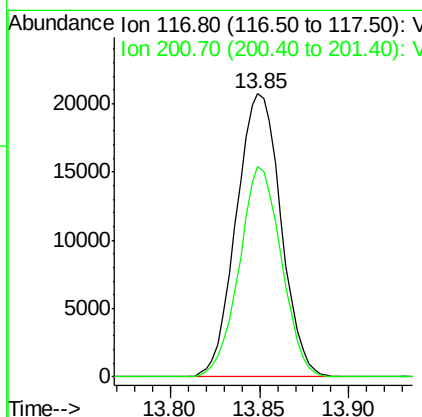
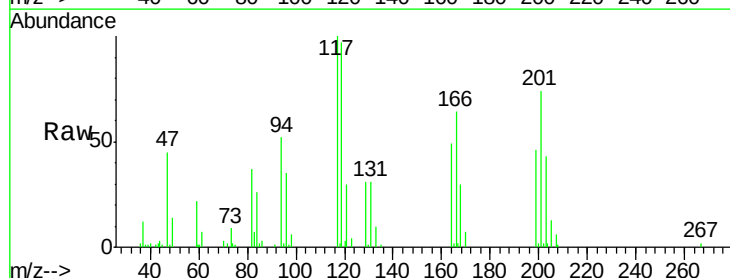
Manual Integrations
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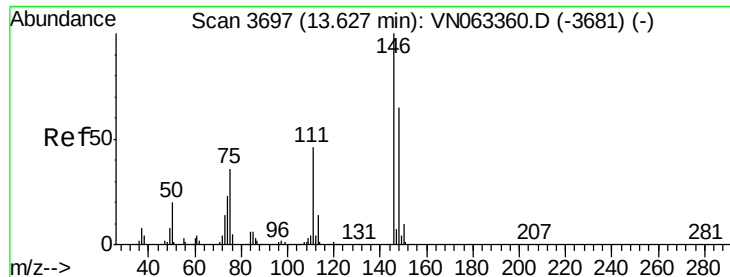
MMDadoda
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#90
Hexachloroethane
Concen: 16.052 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN063610.D
Acq: 24 Sep 2020 00:53

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.9	35.5	106.7





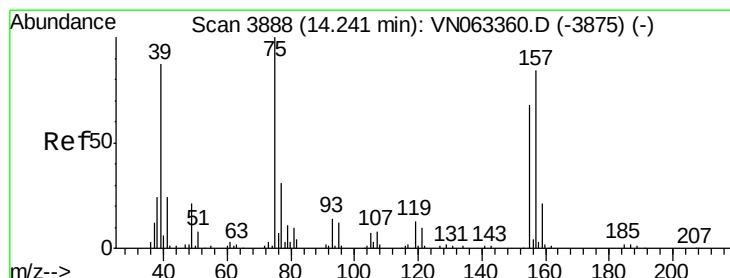
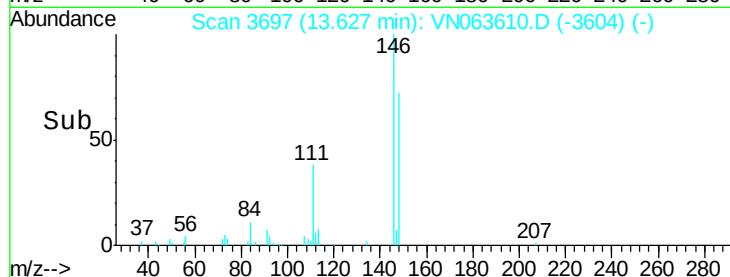
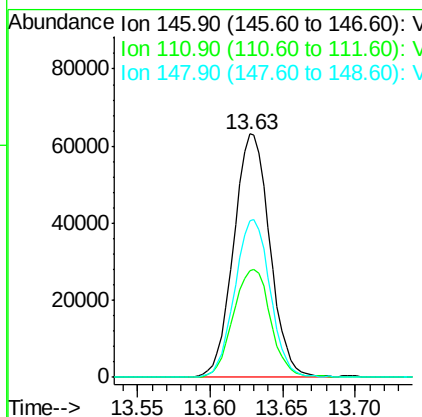
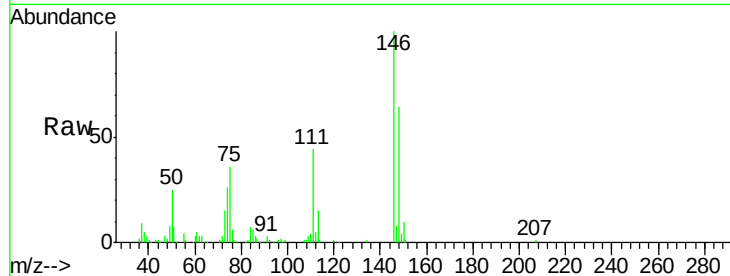
#91
 1,2-Dichlorobenzene
 Concen: 18.408 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063610.D
 Acq: 24 Sep 2020 00:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.7	22.4	67.2
148	63.6	32.0	96.0

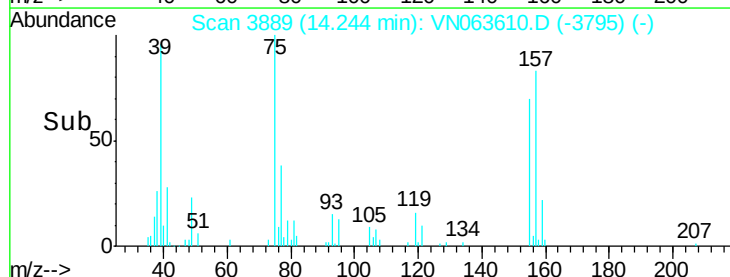
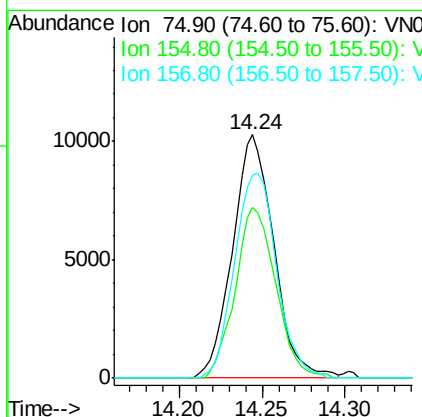
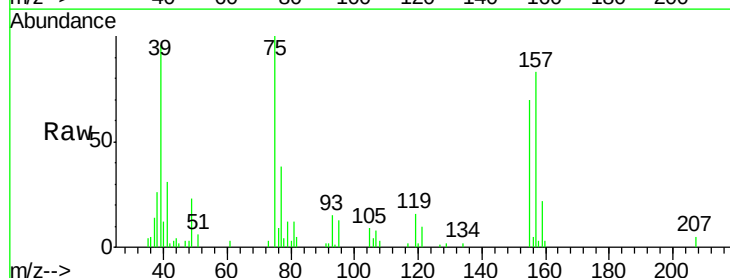
Manual Integrations
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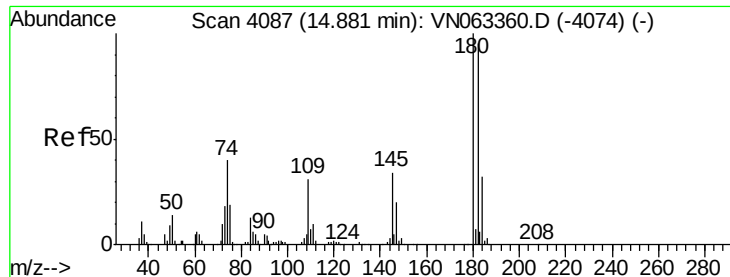
MMDadoda
 9/24/2020 1:38:22 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.617 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063610.D
 Acq: 24 Sep 2020 00:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	68.6	34.6	103.9
157	85.4	43.7	131.1





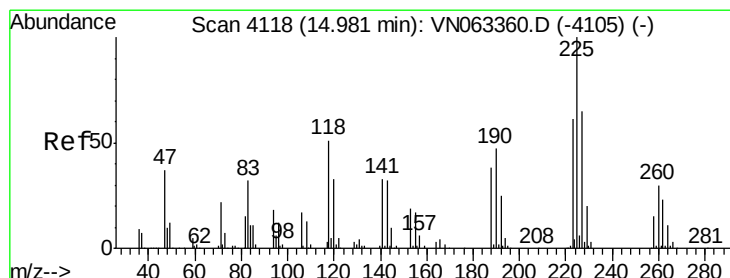
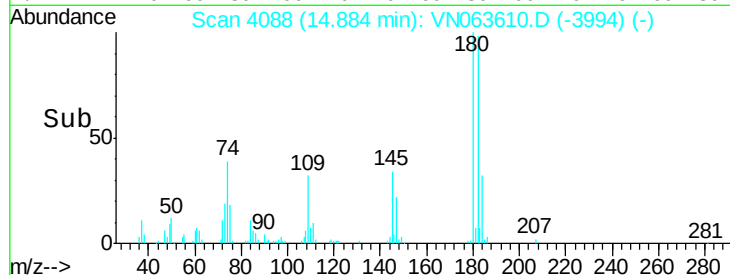
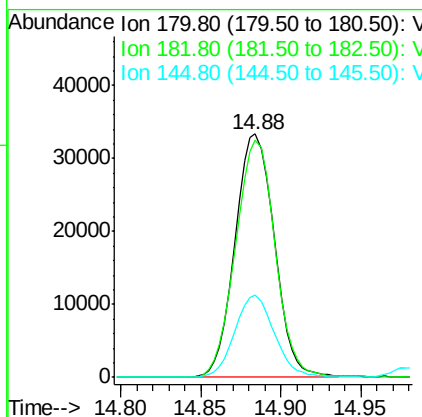
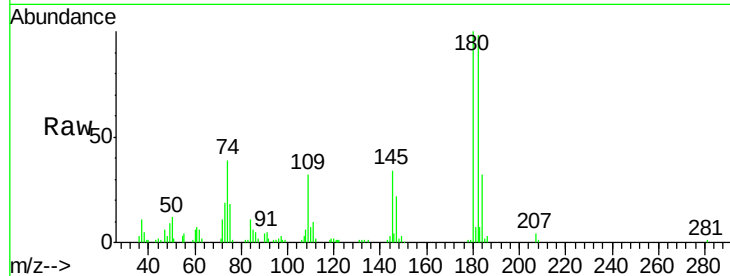
#93
 1,2,4-Trichlorobenzene
 Concen: 15.944 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063610.D
 Acq: 24 Sep 2020 00:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	56050		
182	97.5	47.3	142.0	
145	33.7	16.6	49.7	

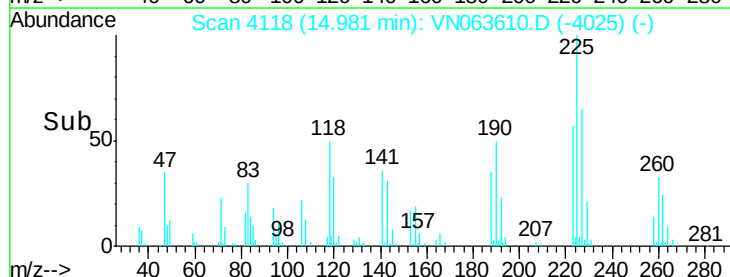
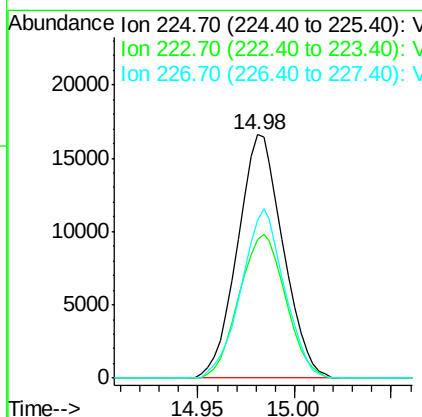
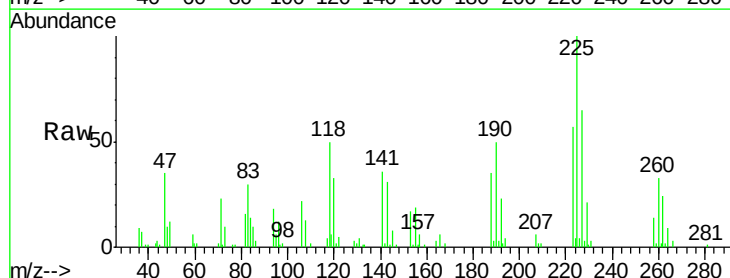
Manual Integrations
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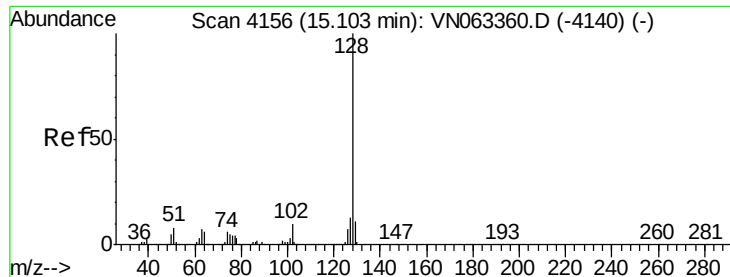
MMDadoda
 9/24/2020 1:38:22 PM



#94
 Hexachlorobutadiene
 Concen: 18.662 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN063610.D
 Acq: 24 Sep 2020 00:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	27160		
223	60.2	30.6	91.6	
227	65.7	31.2	93.6	





#95

Naphthalene

Concen: 15.834 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

Instrument :

MSVOA_N

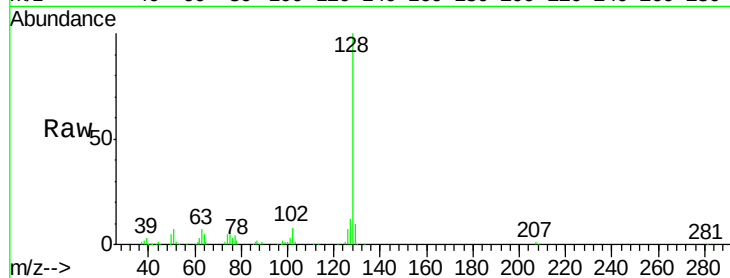
ClientSampleId :

VN0923WBS02

Tot Ion:	128	Resp:	183900
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.6	15.8
129	10.5	8.8	13.2

Manual Integrations
APPROVED

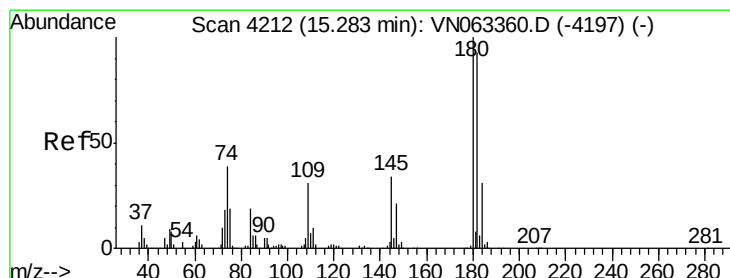
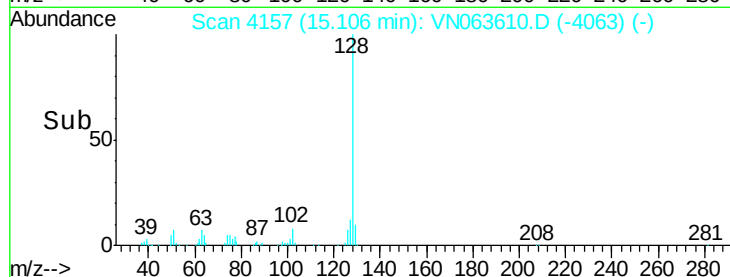
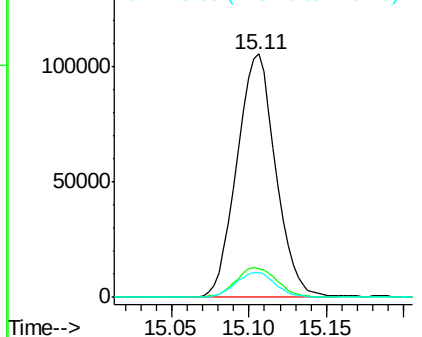
MMDadoda
9/24/2020 1:38:22 PM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 16.317 ug/l

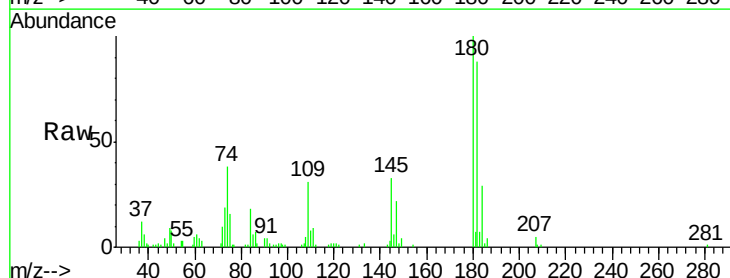
RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

Tgt Ion:	180	Resp:	55423
Ion Ratio	Lower	Upper	
180	100		
182	92.9	46.7	140.1
145	33.9	16.8	50.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

