

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102120\
 Data File : VN064237.D
 Acq On : 21 Oct 2020 23:56
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/23/2020 2:10:31 PM

Quant Time: Oct 22 02:45:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 21 12:48:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	236363	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	408369	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	369432	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	177323	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	196840	56.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.16%	
35) Dibromofluoromethane	7.54	113	136110	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
50) Toluene-d8	10.06	98	474243	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	
62) 4-Bromofluorobenzene	12.38	95	191353	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	138799	48.098	ug/l	100
3) Chloromethane	2.04	50	152117	55.683	ug/l	99
4) Vinyl Chloride	2.16	62	140979	52.052	ug/l	97
5) Bromomethane	2.53	94	98760	55.942	ug/l	98
6) Chloroethane	2.67	64	87750	53.222	ug/l	100
7) Trichlorofluoromethane	2.99	101	233178	52.353	ug/l	98
8) Diethyl Ether	3.37	74	88230	59.885	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	112398	48.801	ug/l	97
10) Methyl Iodide	3.91	142	177652	54.242	ug/l	99
11) Tert butyl alcohol	4.72	59	135826	289.070	ug/l	98
12) 1,1-Dichloroethene	3.69	96	113531	51.249	ug/l	99
13) Acrolein	3.56	56	64607	219.041	ug/l	98
14) Allyl chloride	4.27	41	225717	50.909	ug/l	92
15) Acrylonitrile	4.92	53	295125	303.748	ug/l	99
16) Acetone	3.77	43	306491	305.165	ug/l	99
17) Carbon Disulfide	4.01	76	322707	51.069	ug/l	98
18) Methyl Acetate	4.27	43	152778	59.696	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	458518	60.205	ug/l	96
20) Methylene Chloride	4.50	84	151263	56.481	ug/l	97
21) trans-1,2-Dichloroethene	4.98	96	131209	53.713	ug/l	95
22) Diisopropyl ether	5.90	45	473163	57.408	ug/l	97
23) Vinyl Acetate	5.84	43	2200713	299.402	ug/l	99
24) 1,1-Dichloroethane	5.79	63	273183	57.214	ug/l	100
25) 2-Butanone	6.78	43	463811	290.668	ug/l	100
26) 2,2-Dichloropropane	6.78	77	215560	45.348	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	160113	56.283	ug/l	97
28) Bromochloromethane	7.15	49	133119	58.687	ug/l	98
29) Tetrahydrofuran	7.16	42	285687	299.309	ug/l	99
30) Chloroform	7.33	83	290778	57.093	ug/l	97
31) Cyclohexane	7.61	56	189767	45.605	ug/l	95
32) 1,1,1-Trichloroethane	7.52	97	258174	54.111	ug/l	98
36) 1,1-Dichloropropene	7.75	75	197241	48.448	ug/l	98
37) Ethyl Acetate	6.87	43	201876	54.614	ug/l	99
38) Carbon Tetrachloride	7.73	117	222181	47.966	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	171078	46.213	ug/l	99
40) Benzene	8.00	78	579108	51.530	ug/l	99
41) Methacrylonitrile	7.12	41	83614	43.122	ug/l #	82
42) 1,2-Dichloroethane	8.08	62	265073	55.059	ug/l	99
43) Isopropyl Acetate	8.12	43	388415	56.383	ug/l	99
44) Trichloroethene	8.80	130	153133	50.003	ug/l	95
45) 1,2-Dichloropropane	9.08	63	161845	53.944	ug/l	98
46) Dibromomethane	9.17	93	113330	56.255	ug/l	95
47) Bromodichloromethane	9.37	83	252330	56.693	ug/l	98
48) Methyl methacrylate	9.16	41	193447	53.755	ug/l	99
49) 1,4-Dioxane	9.16	88	44556	1058.193	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1026202	278.725	ug/l	99
52) Toluene	10.12	92	366121	50.914	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	270235	54.656	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	277540	53.313	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	153992	56.700	ug/l	98
56) Ethyl methacrylate	10.40	69	238547	56.805	ug/l	99
57) 1,3-Dichloropropane	10.68	76	264589	56.087	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	603494	279.080	ug/l	100
59) 2-Hexanone	10.72	43	746716	277.710	ug/l	99
60) Dibromochloromethane	10.87	129	191988	54.606	ug/l	100
61) 1,2-Dibromoethane	10.97	107	163977	57.216	ug/l	99
64) Tetrachloroethene	10.60	164	147417	49.566	ug/l	96
65) Chlorobenzene	11.41	112	401762	52.539	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.48	131	163075	53.724	ug/l	100
67) Ethyl Benzene	11.48	91	713386	50.762	ug/l	98
68) m/p-Xylenes	11.59	106	525147	100.856	ug/l	98
69) o-Xylene	11.92	106	257948	51.223	ug/l	98
70) Styrene	11.94	104	446792	52.931	ug/l	99
71) Bromoform	12.10	173	130277	55.559	ug/l #	100
73) Isopropylbenzene	12.22	105	661933	48.944	ug/l	100
74) N-amyl acetate	12.04	43	329533	56.390	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	199520	55.593	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	190184m	50.875	ug/l	
77) Bromobenzene	12.50	156	171204	53.622	ug/l	99
78) n-propylbenzene	12.57	91	754072	49.452	ug/l	99
79) 2-Chlorotoluene	12.65	91	478072	51.043	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	571786	50.009	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	77455	52.311	ug/l	98
82) 4-Chlorotoluene	12.75	91	506929	51.887	ug/l	100
83) tert-Butylbenzene	12.97	119	454463	48.480	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	581853	51.130	ug/l	99
85) sec-Butylbenzene	13.14	105	580454	49.117	ug/l	100
86) p-Isopropyltoluene	13.26	119	541172	50.287	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	293822	51.719	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	297322	51.131	ug/l	99
89) n-Butylbenzene	13.59	91	471078	48.832	ug/l	99
90) Hexachloroethane	13.85	117	92206	47.309	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	291466	52.296	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	48528	54.199	ug/l	97

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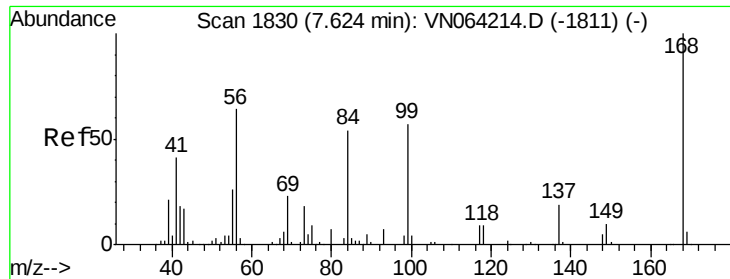
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	169013	54.069	ug/l	98
94) Hexachlorobutadiene	14.98	225	73081	43.347	ug/l	99
95) Naphthalene	15.10	128	535355	57.189	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	161963	52.314	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064237.D

Acq: 21 Oct 2020 23:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 236363

Ion Ratio Lower Upper

168 100

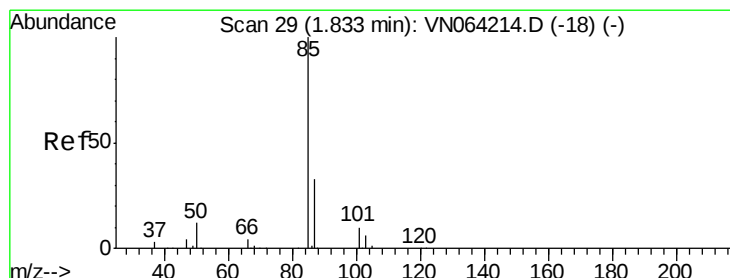
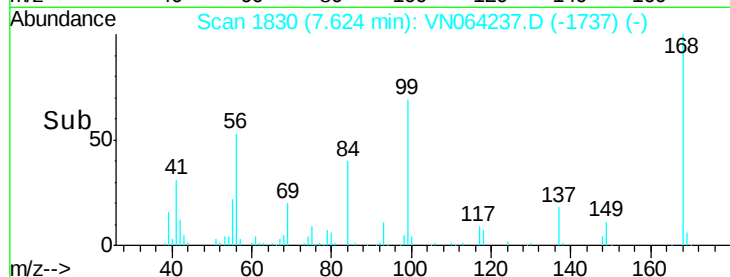
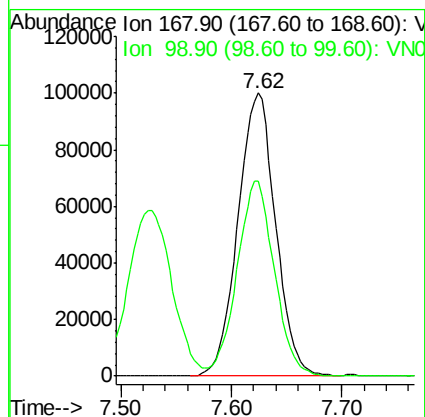
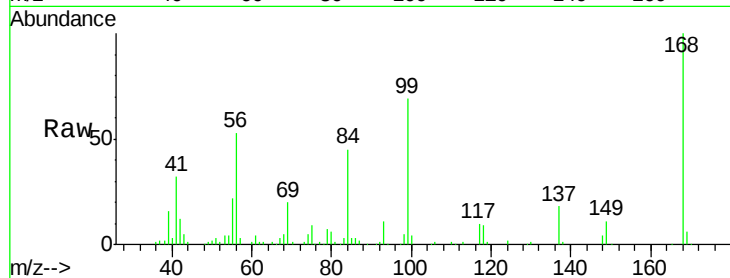
99 68.5 54.0 81.0

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 48.098 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064237.D

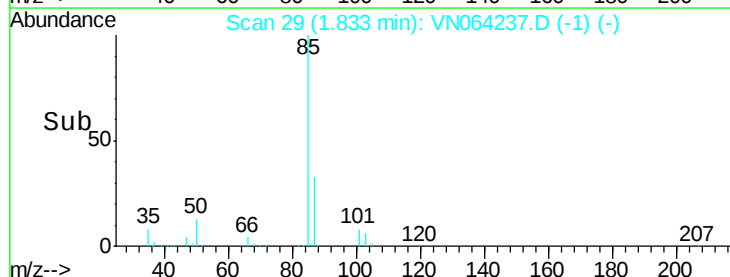
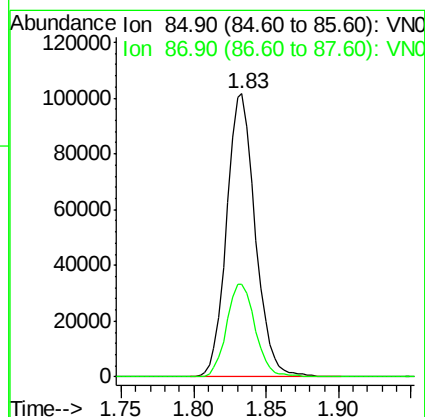
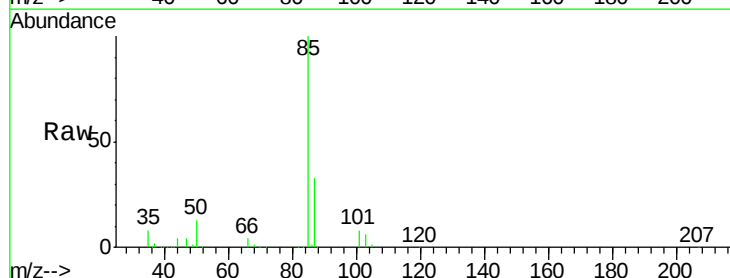
Acq: 21 Oct 2020 23:56

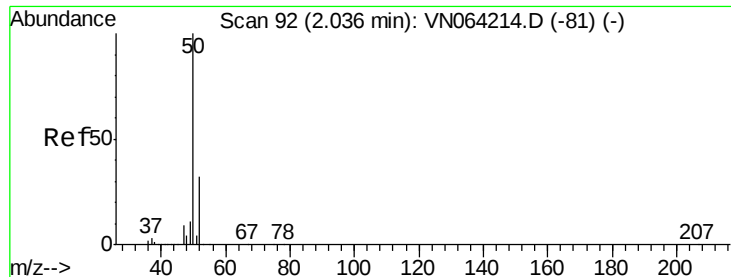
Tgt Ion: 85 Resp: 138799

Ion Ratio Lower Upper

85 100

87 32.9 16.6 49.8





#3

Chloromethane

Concen: 55.683 ug/l

RT: 2.04 min Scan# 92

Delta R.T. -0.00 min

Lab File: VN064237.D

Acq: 21 Oct 2020 23:56

Instrument :

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ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 152117

Ion Ratio Lower Upper

50 100

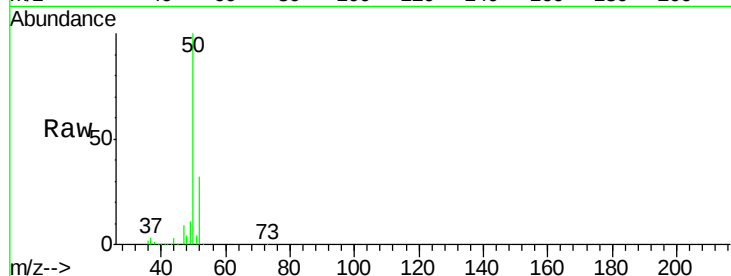
52 32.1 25.3 37.9

Manual Integrations

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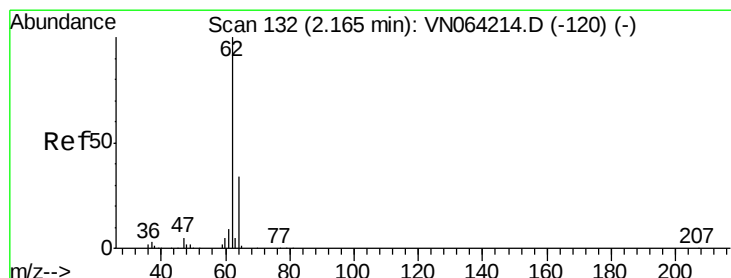
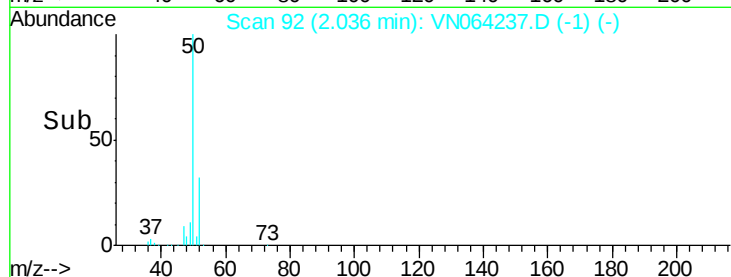
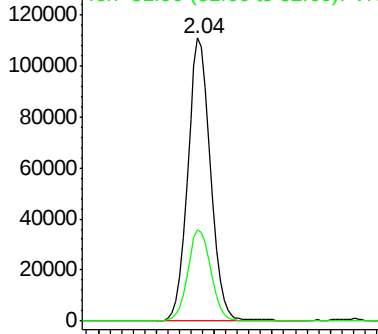
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 52.052 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN064237.D

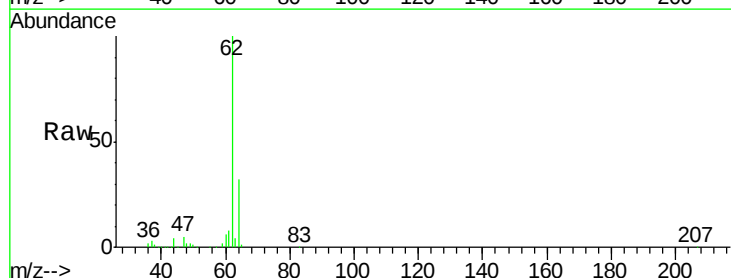
Acq: 21 Oct 2020 23:56

Tgt Ion: 62 Resp: 140979

Ion Ratio Lower Upper

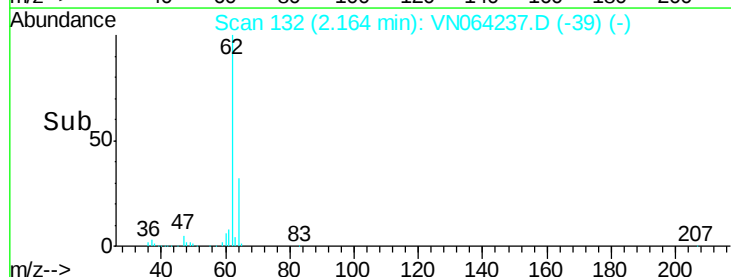
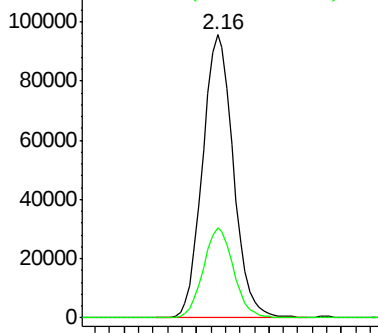
62 100

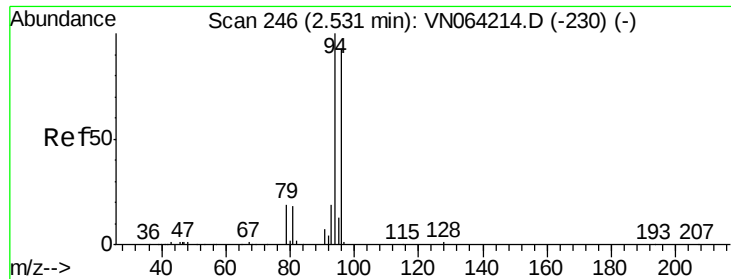
64 31.6 26.8 40.2



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 55.942 ug/l

RT: 2.53 min Scan# 246

Delta R.T. -0.00 min

Lab File: VN064237.D

Acq: 21 Oct 2020 23:56

Instrument :

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Tot Ion: 94 Resp: 98760

Ion Ratio Lower Upper

94 100

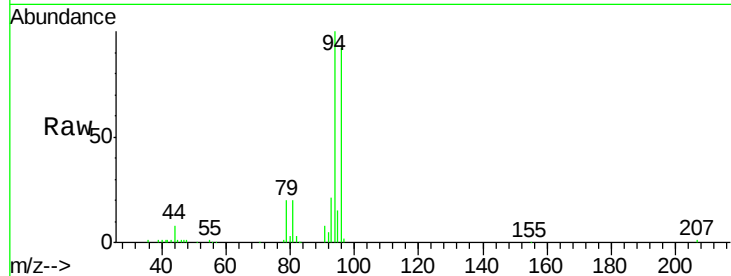
96 91.2 74.2 111.4

Manual Integrations

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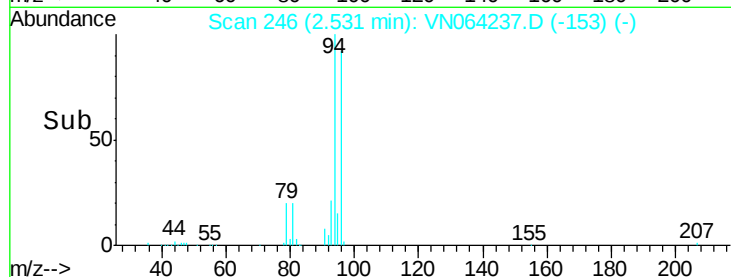


Abundance Ion 93.90 (93.60 to 94.60): VN064237.D (-153) (-)

Ion 95.90 (95.60 to 96.60): VN064237.D (-153) (-)

2.53

Time-->



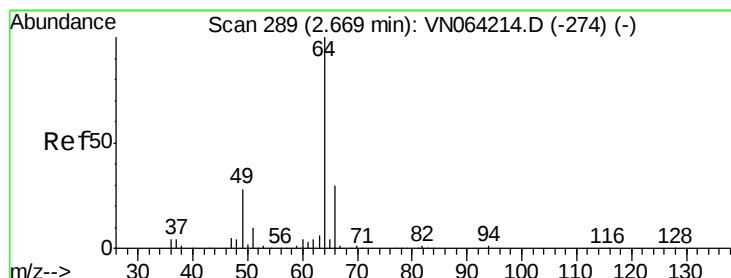
Abundance

Ion 93.90 (93.60 to 94.60): VN064237.D (-153) (-)

Ion 95.90 (95.60 to 96.60): VN064237.D (-153) (-)

2.53

Time-->



#6

Chloroethane

Concen: 53.222 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN064237.D

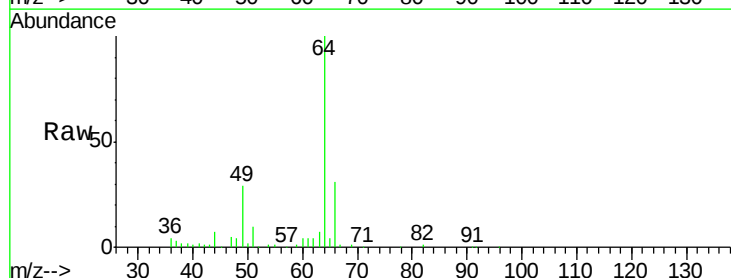
Acq: 21 Oct 2020 23:56

Tgt Ion: 64 Resp: 87750

Ion Ratio Lower Upper

64 100

66 30.9 24.5 36.7

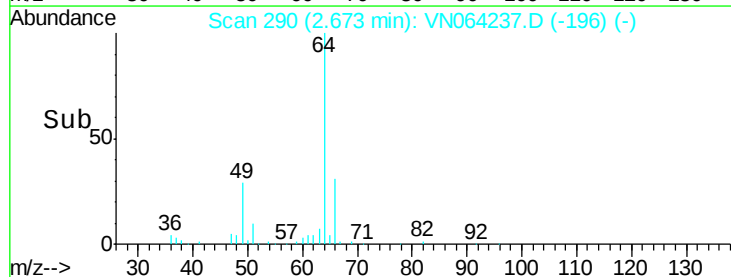


Abundance Ion 63.90 (63.60 to 64.60): VN064237.D (-196) (-)

Ion 65.90 (65.60 to 66.60): VN064237.D (-196) (-)

2.67

Time-->



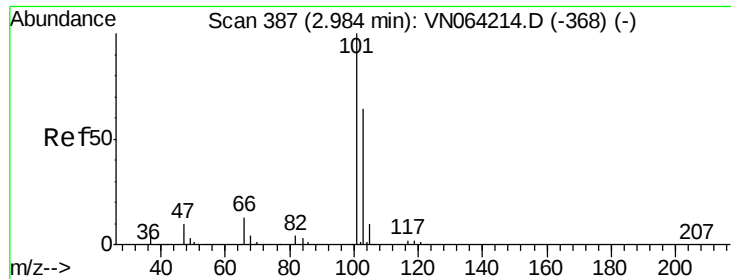
Abundance

Ion 63.90 (63.60 to 64.60): VN064237.D (-196) (-)

Ion 65.90 (65.60 to 66.60): VN064237.D (-196) (-)

2.67

Time-->



#7

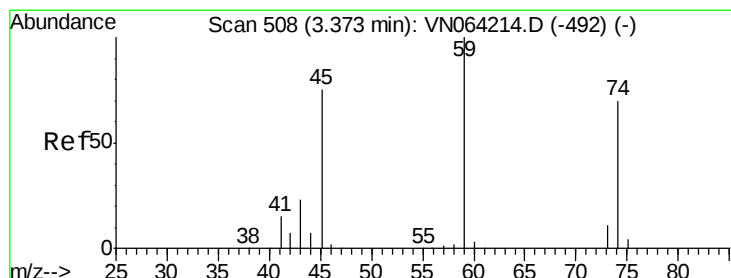
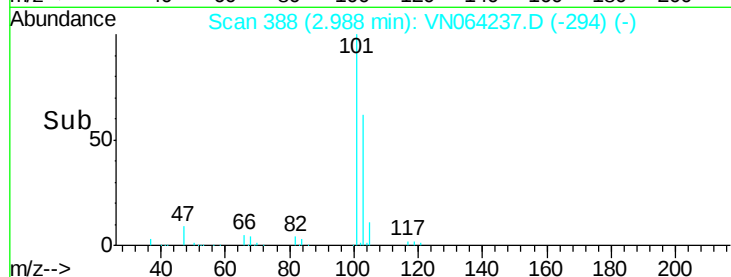
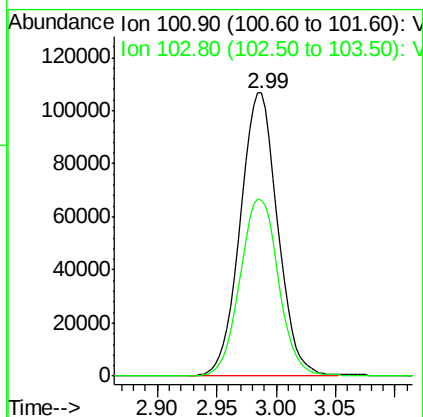
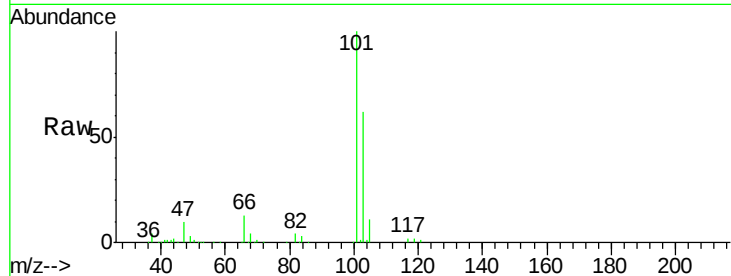
Trichlorofluoromethane
 Concen: 52.353 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN064237.D
 Acq: 21 Oct 2020 23:56

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		233178		
103	62.1	51.0	76.6		

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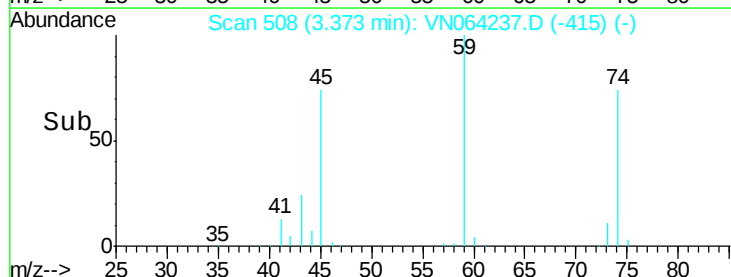
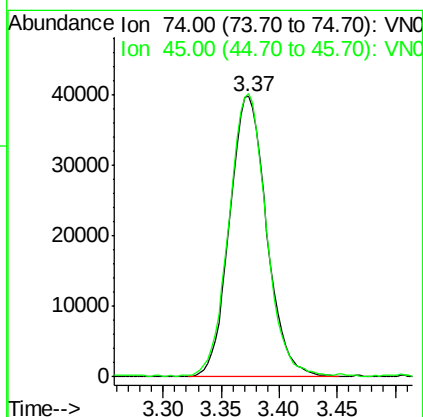
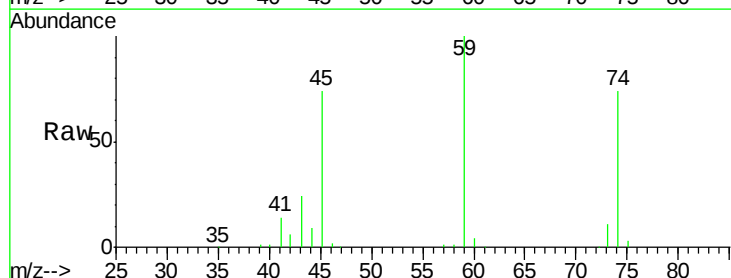
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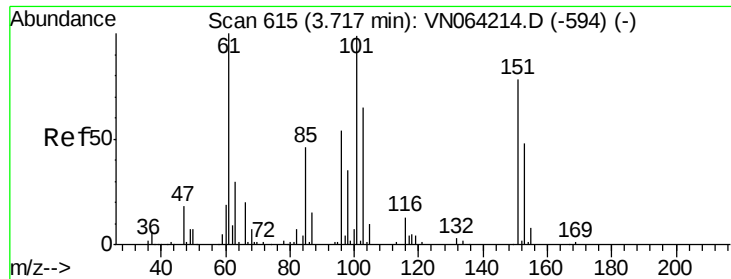


#8

Diethyl Ether
 Concen: 59.885 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN064237.D
 Acq: 21 Oct 2020 23:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		88230		
45	101.9	51.3	154.0		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.801 ug/l

RT: 3.72 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN064237.D

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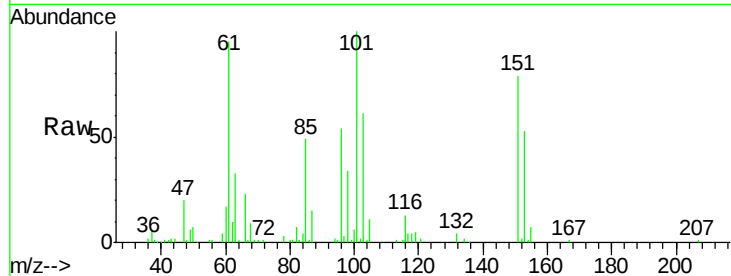
ClientSampleId :

VSTDCCC050

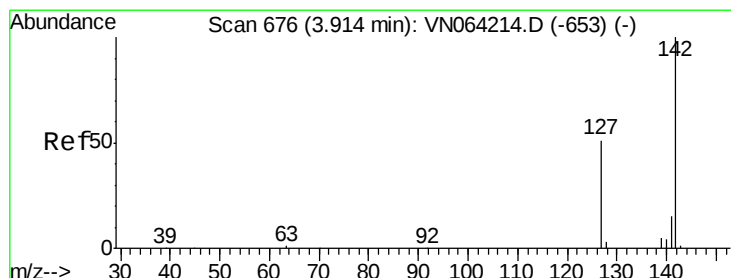
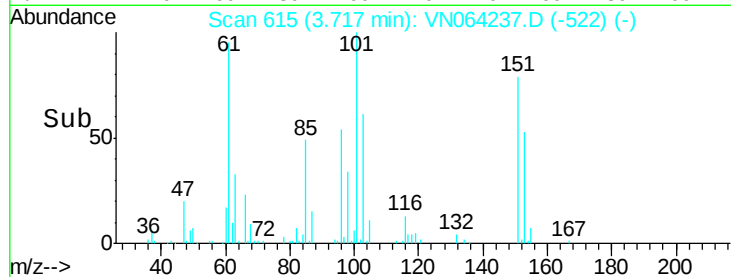
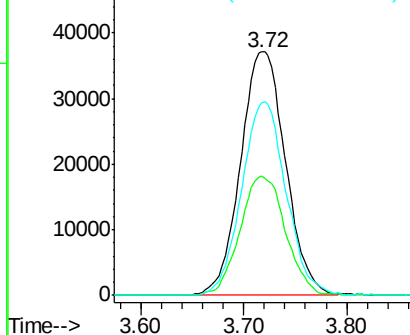
Tot Ion:	101	Resp:	112398
Ion Ratio	Lower	Upper	
101	100		
85	49.5	37.8	56.8
151	78.6	61.4	92.2

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 54.242 ug/l

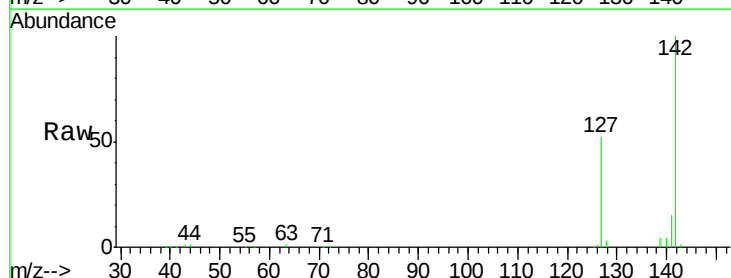
RT: 3.91 min Scan# 675

Delta R.T. -0.00 min

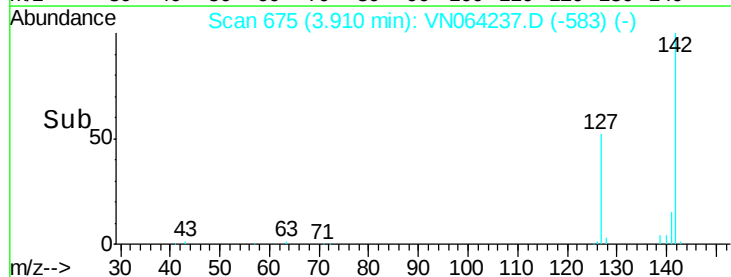
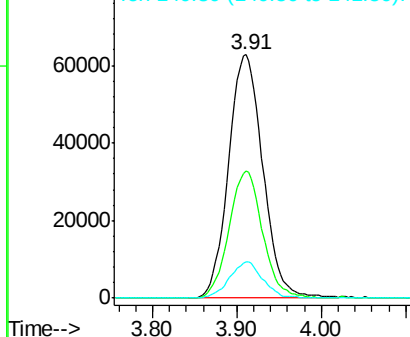
Lab File: VN064237.D

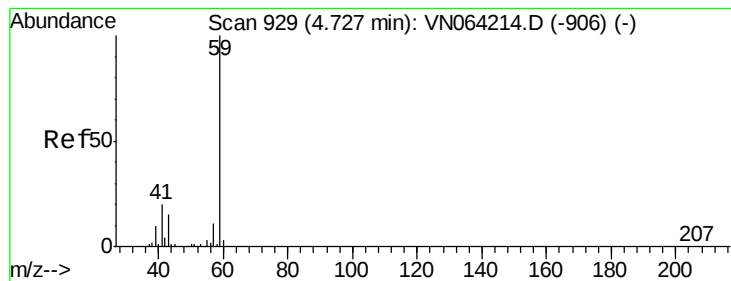
Acq: 21 Oct 2020 23:56

Tgt Ion:	142	Resp:	177652
Ion Ratio	Lower	Upper	
142	100		
127	51.0	41.0	61.6
141	14.6	11.3	16.9



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

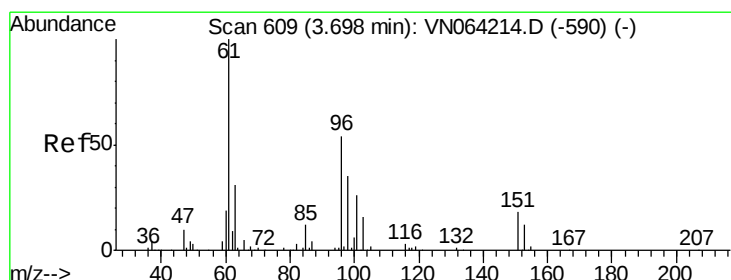
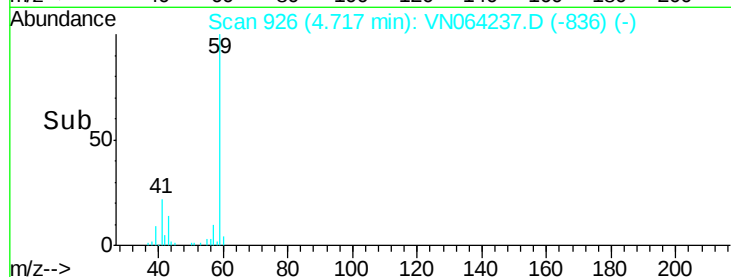
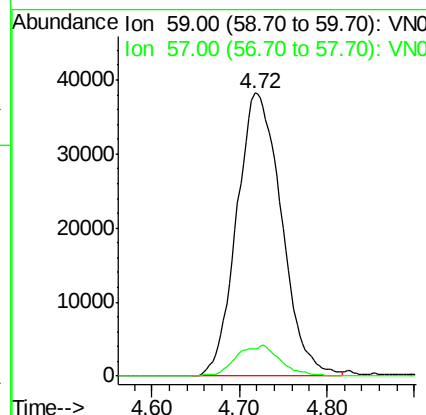
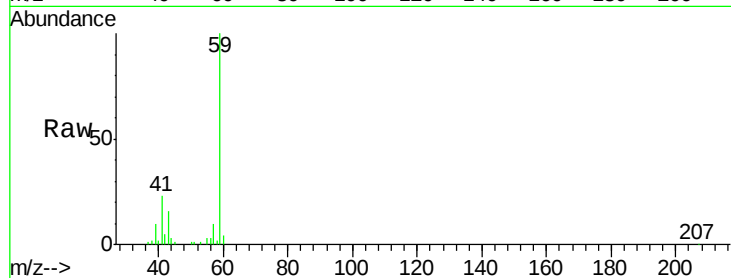
Tert butyl alcohol
 Concen: 289.070 ug/l
 RT: 4.72 min Scan# 926
 Delta R.T. -0.01 min
 Lab File: VN064237.D
 Acq: 21 Oct 2020 23:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	9.2	13.8

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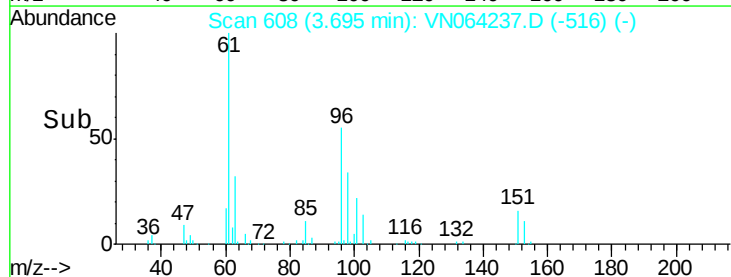
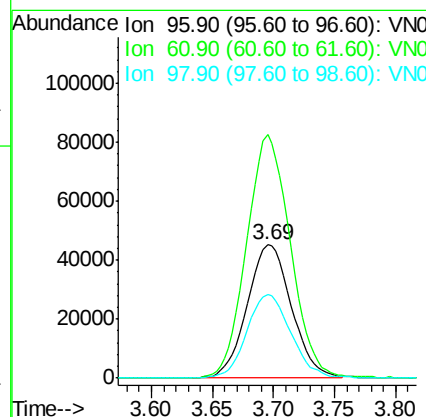
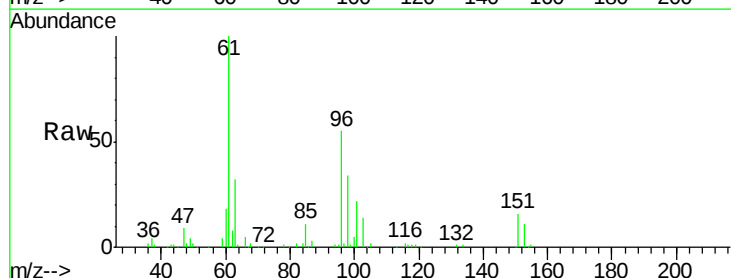
MMDadoda
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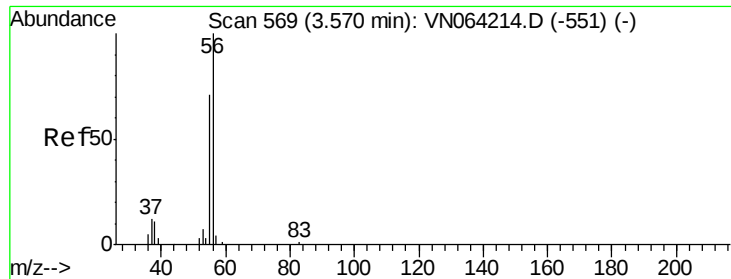


#12

1,1-Dichloroethene
 Concen: 51.249 ug/l
 RT: 3.69 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: VN064237.D
 Acq: 21 Oct 2020 23:56

Tgt Ion	Ratio	Lower	Upper
96	100		
61	182.4	147.0	220.4
98	62.8	51.7	77.5





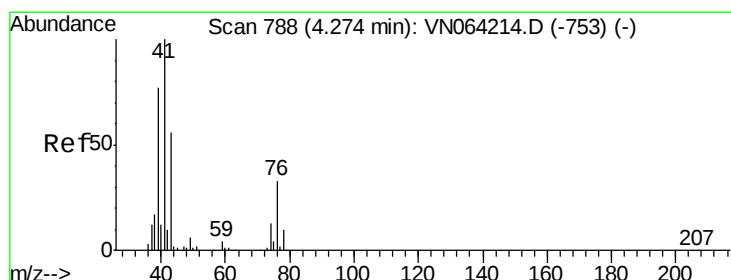
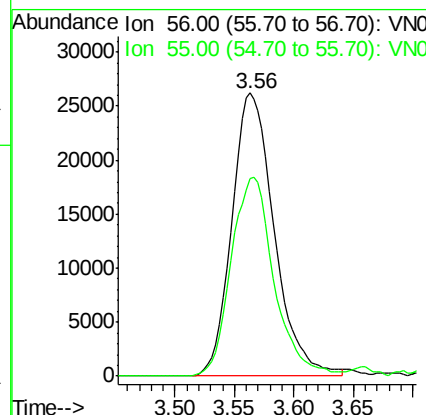
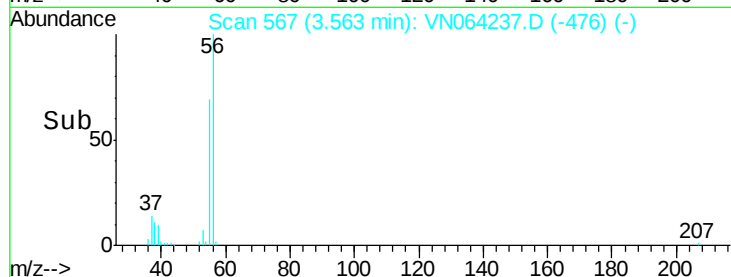
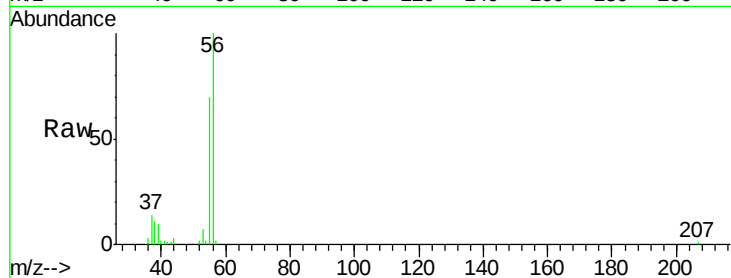
#13
 Acrolein
 Concen: 219.041 ug/l
 RT: 3.56 min Scan# 567
 Delta R.T. -0.01 min
 Lab File: VN064237.D
 Acq: 21 Oct 2020 23:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	56	Resp	64607
Ion Ratio	100	Lower	Upper
56	100		
55	71.5	56.1	84.1

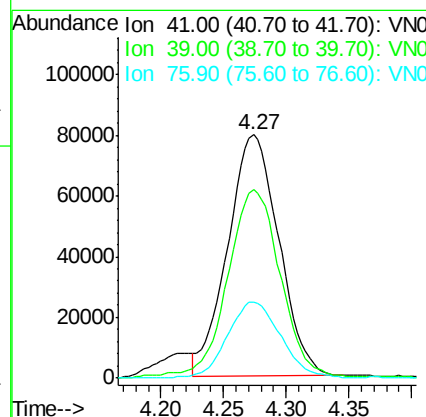
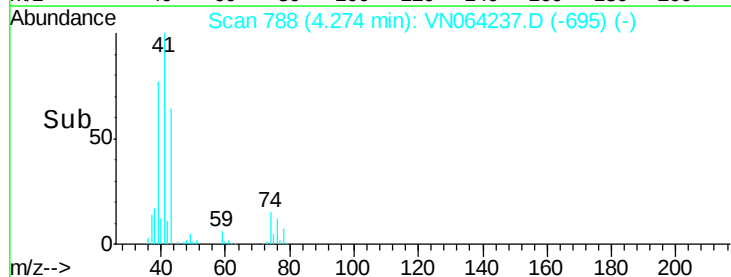
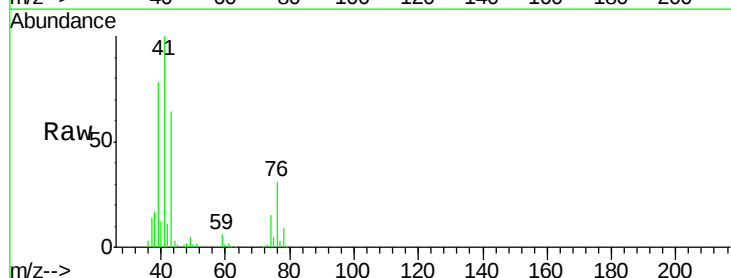
Manual Integrations
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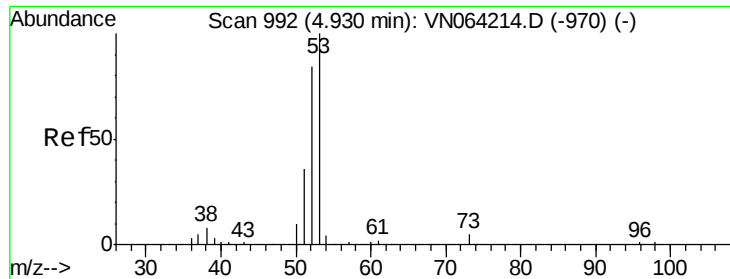
MMDadoda
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#14
 Allyl chloride
 Concen: 50.909 ug/l
 RT: 4.27 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: VN064237.D
 Acq: 21 Oct 2020 23:56

Tgt Ion	41	Resp	225717
Ion Ratio	100	Lower	Upper
41	100		
39	81.6	58.6	88.0
76	32.8	24.5	36.7





#15

Acrylonitrile

Concen: 303.748 ug/l

RT: 4.92 min Scan# 990

Delta R.T. -0.01 min

Lab File: VN064237.D

Acq: 21 Oct 2020 23:56

Instrument :

MSVOA_N

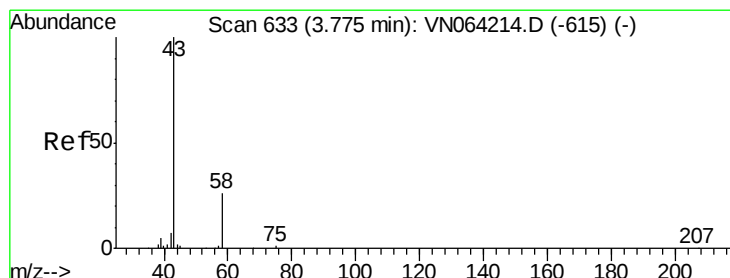
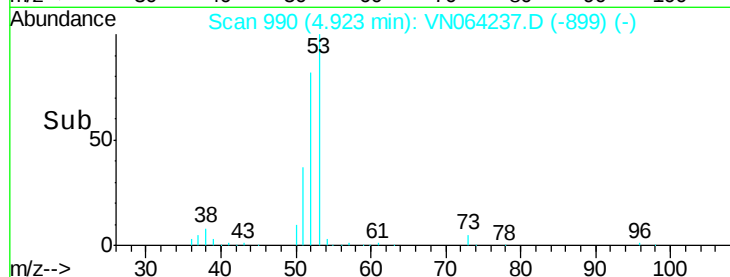
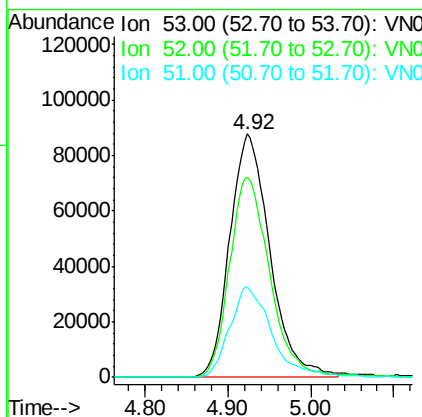
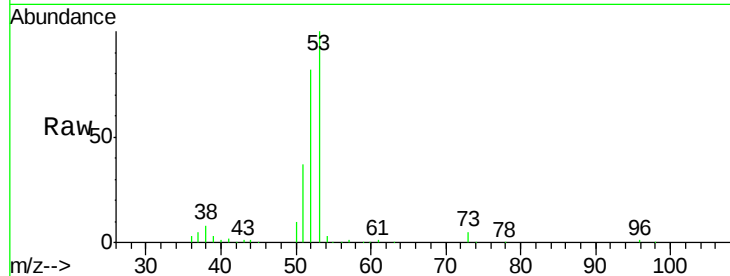
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	295125
Ion Ratio	Lower	Upper	
53	100		
52	81.8	66.8	100.2
51	38.1	30.7	46.1

Manual Integrations
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#16

Acetone

Concen: 305.165 ug/l

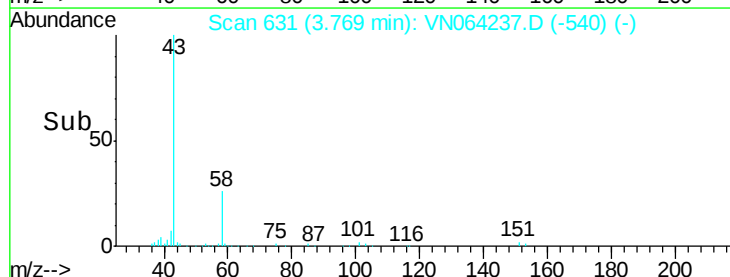
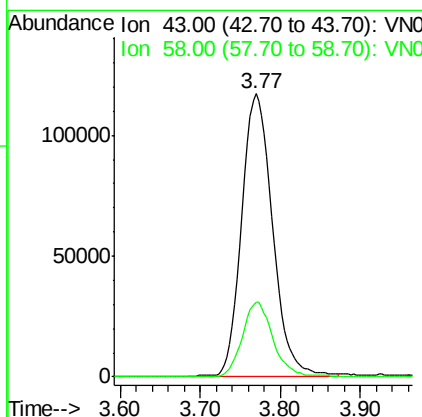
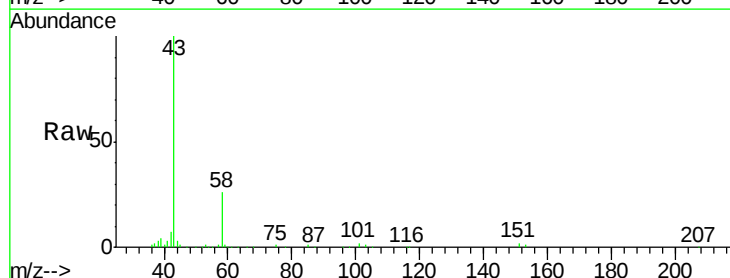
RT: 3.77 min Scan# 631

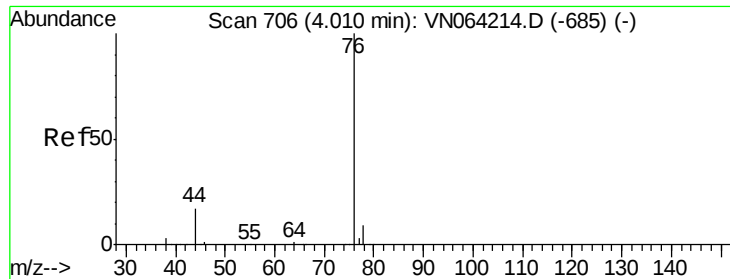
Delta R.T. -0.01 min

Lab File: VN064237.D

Acq: 21 Oct 2020 23:56

Tgt Ion:	43	Resp:	306491
Ion Ratio	Lower	Upper	
43	100		
58	26.5	21.0	31.4





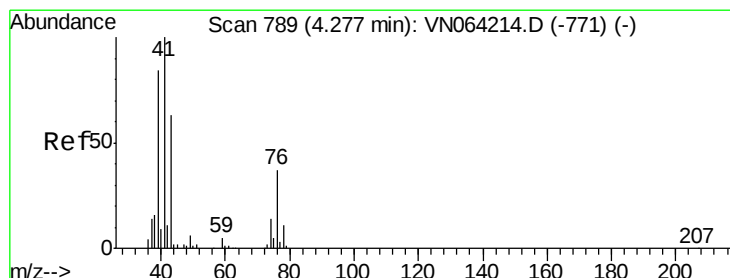
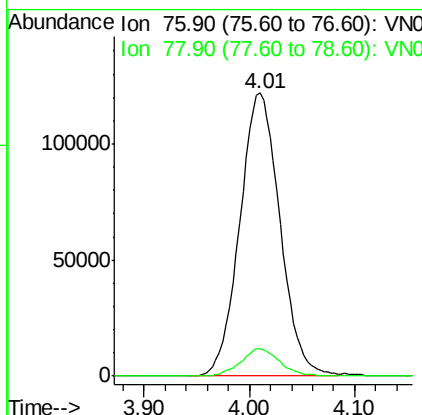
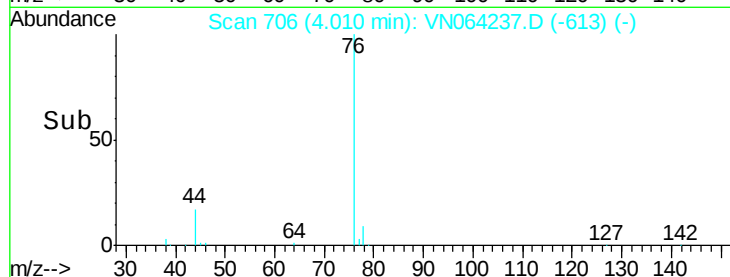
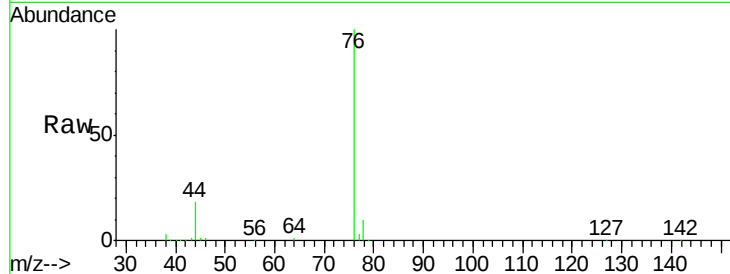
#17
Carbon Disulfide
Concen: 51.069 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN064237.D
Acq: 21 Oct 2020 23:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.1	10.7

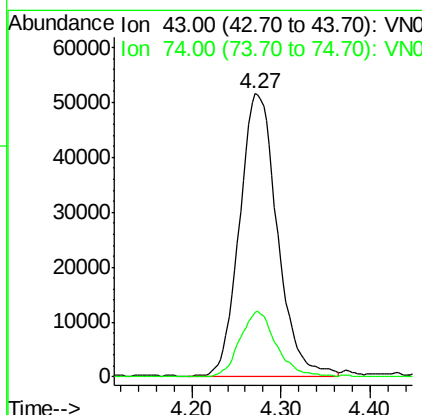
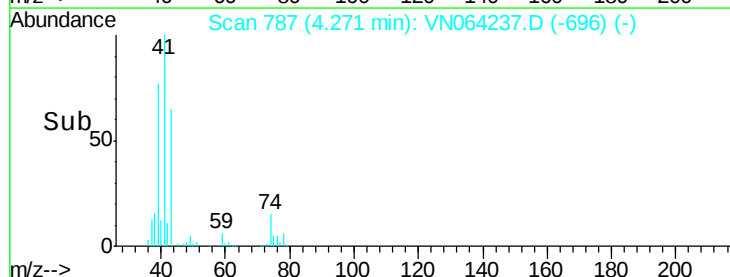
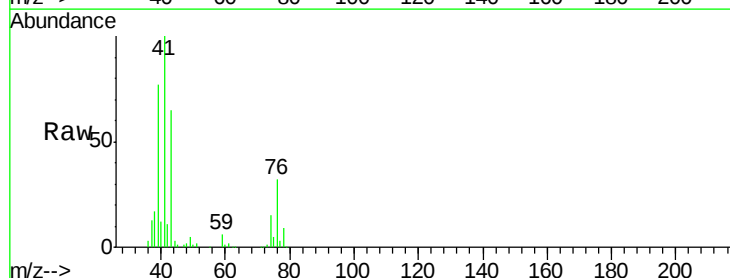
Manual Integrations
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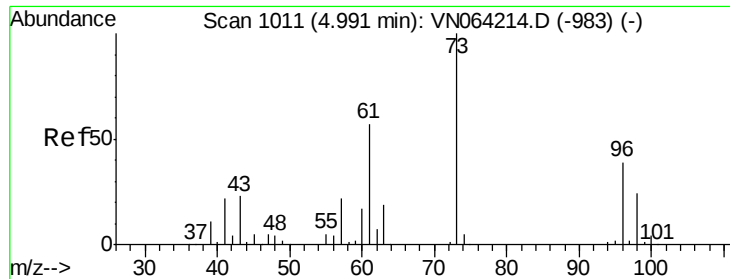
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#18
Methyl Acetate
Concen: 59.696 ug/l
RT: 4.27 min Scan# 787
Delta R.T. -0.01 min
Lab File: VN064237.D
Acq: 21 Oct 2020 23:56

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.4	17.9	26.9





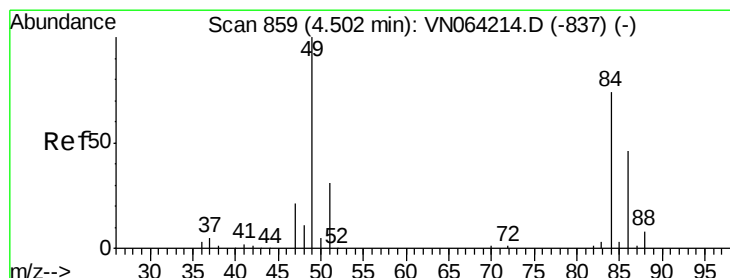
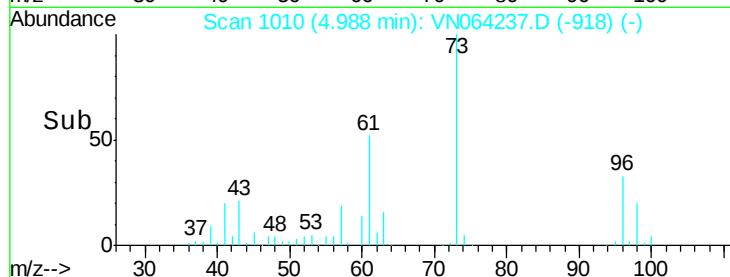
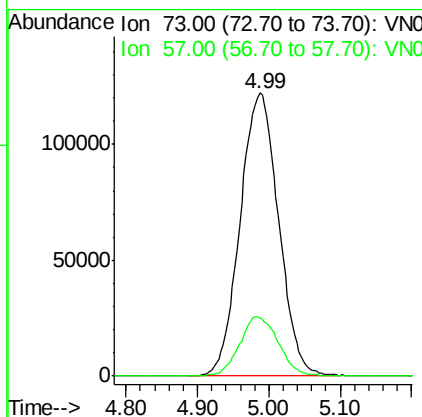
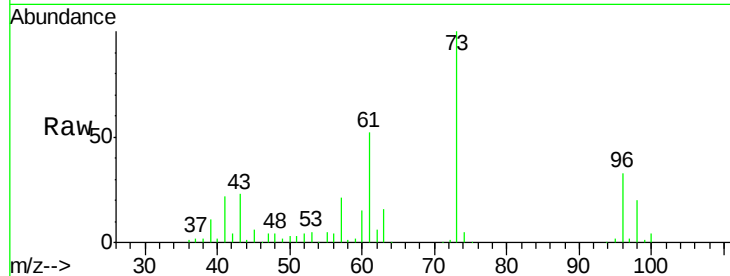
#19
Methvl tert-butvl Ether
Concen: 60.205 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN064237.D
Acq: 21 Oct 2020 23:56

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 73 Resp: 458518
Ion Ratio Lower Upper
73 100
57 20.6 18.0 27.0

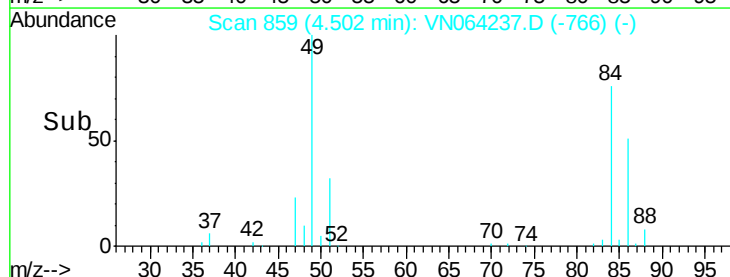
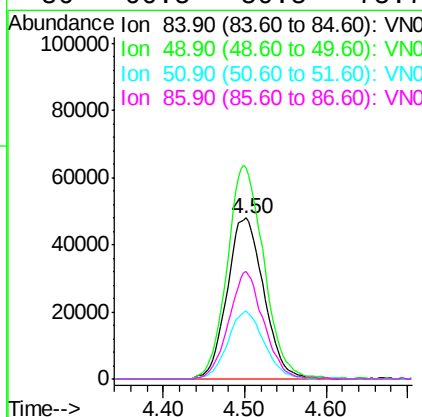
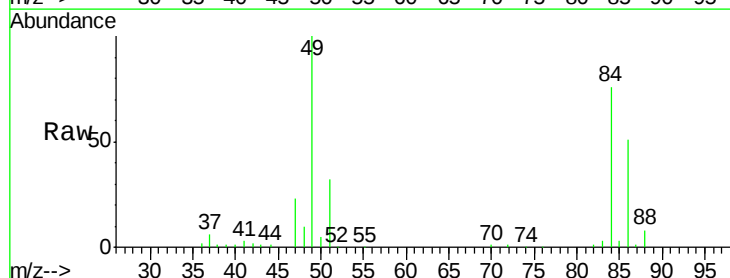
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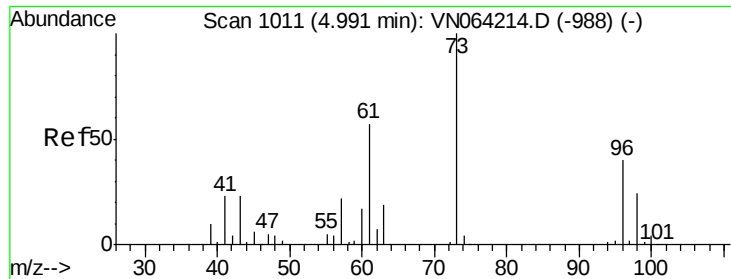
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#20
Methylene Chloride
Concen: 56.481 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064237.D
Acq: 21 Oct 2020 23:56

Tgt Ion: 84 Resp: 151263
Ion Ratio Lower Upper
84 100
49 131.5 108.5 162.7
51 41.9 33.8 50.8
86 66.5 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 53.713 ug/l

RT: 4.98 min Scan# 1009

Delta R.T. -0.01 min

Lab File: VN064237.D

Acq: 21 Oct 2020 23:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 131209

Ion Ratio Lower Upper

96 100

61 152.7 115.8 173.6

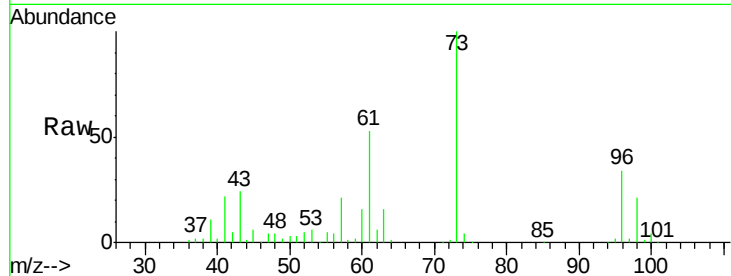
98 60.6 49.4 74.0

Manual Integrations

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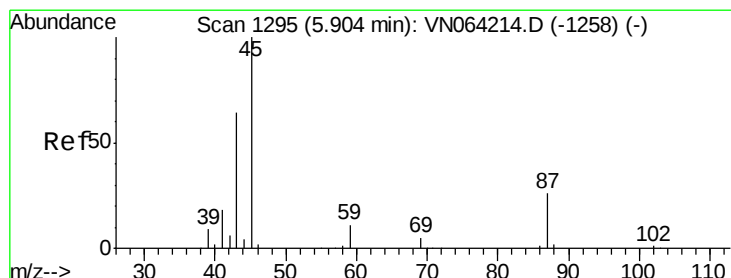
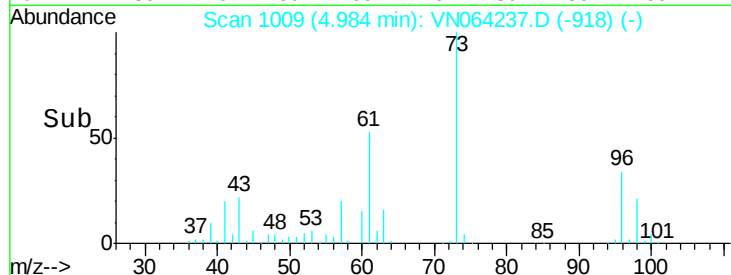
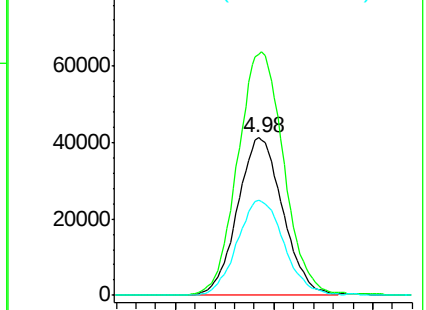


Abundance

Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO



#22

Diisopropyl ether

Concen: 57.408 ug/l

RT: 5.90 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VN064237.D

Acq: 21 Oct 2020 23:56

Tgt Ion: 45 Resp: 473163

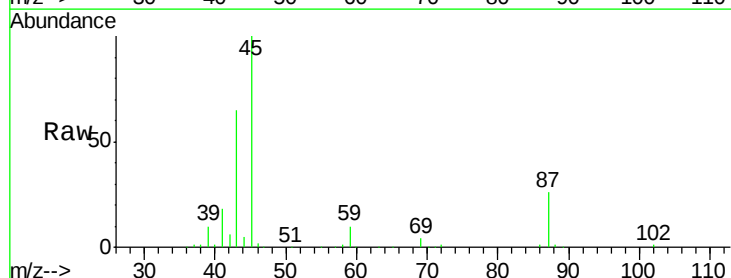
Ion Ratio Lower Upper

45 100

43 62.6 52.2 78.4

87 25.7 21.4 32.0

59 10.0 8.3 12.5



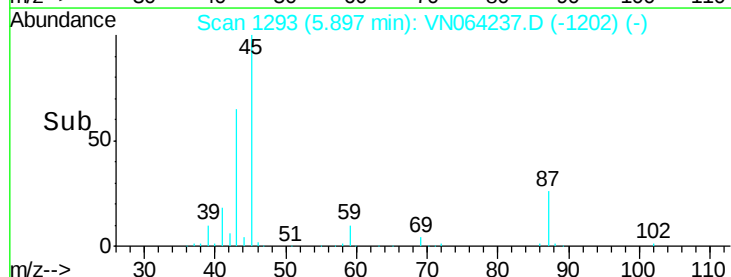
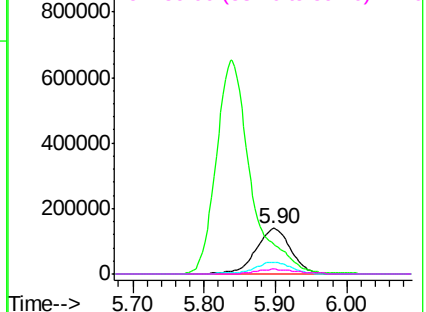
Abundance

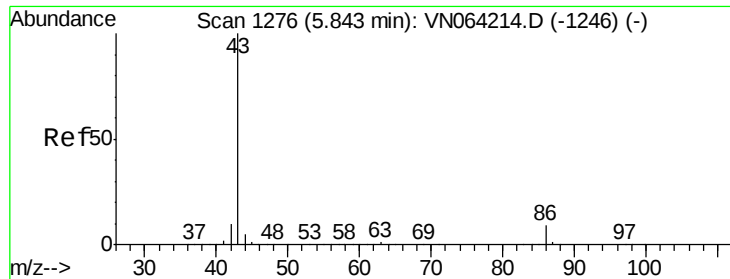
Ion 45.00 (44.70 to 45.70): VNO

Ion 43.00 (42.70 to 43.70): VNO

Ion 87.00 (86.70 to 87.70): VNO

Ion 59.00 (58.70 to 59.70): VNO





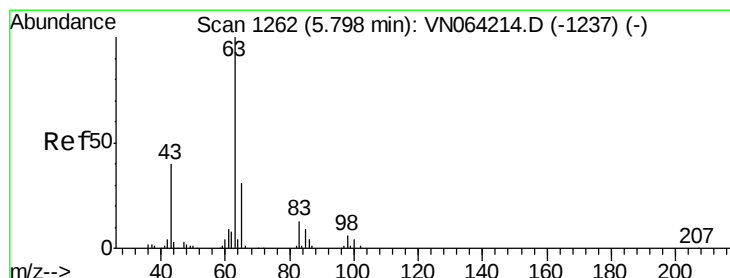
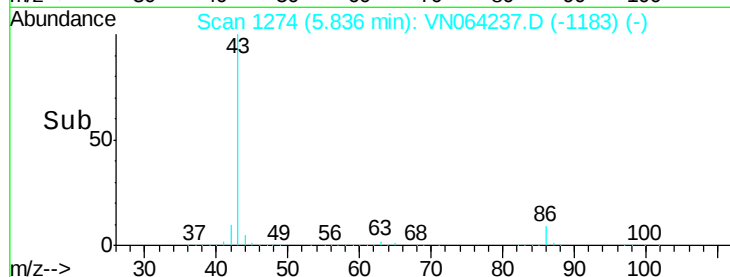
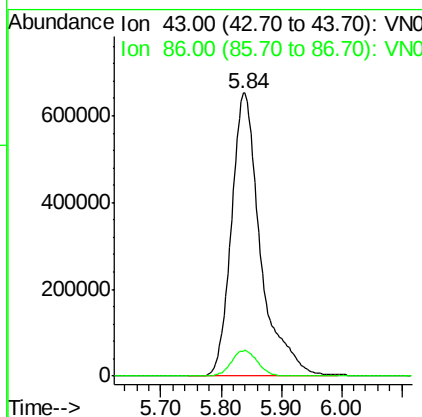
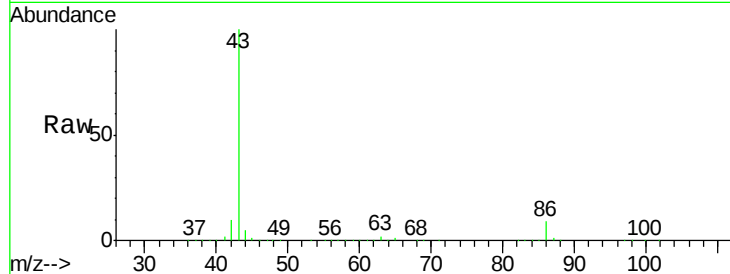
#23
 Vinyl Acetate
 Concen: 299.402 ug/l
 RT: 5.84 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: VN064237.D
 Acq: 21 Oct 2020 23:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 2200713
 Ion Ratio Lower Upper
 43 100
 86 8.9 7.4 11.0

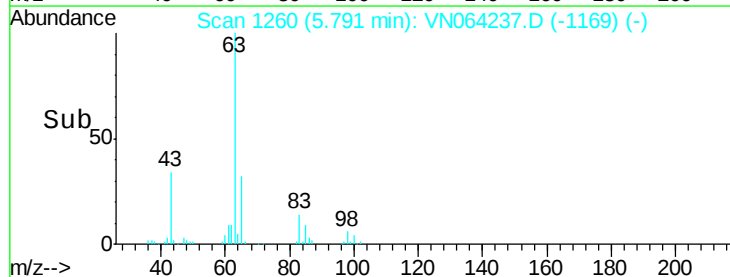
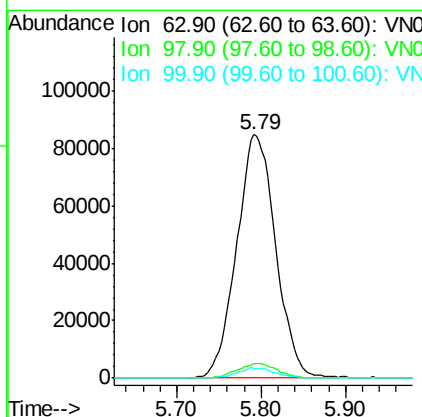
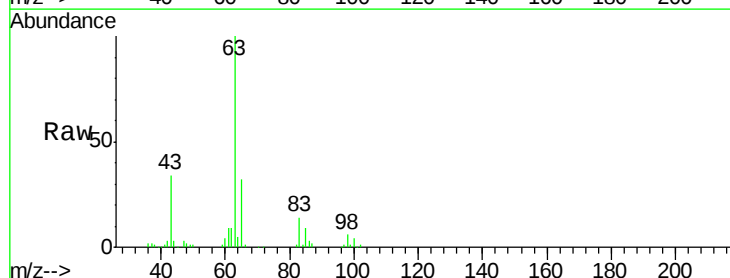
Manual Integrations
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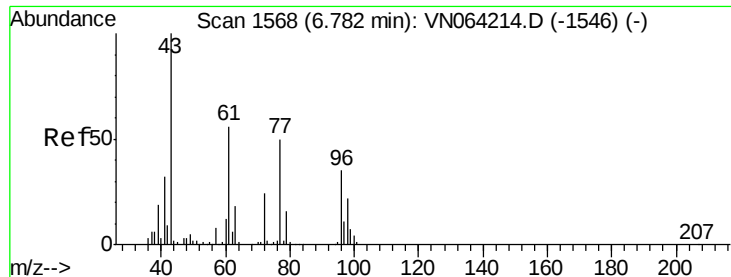
MMDadoda
 10/23/2020 2:10:31 PM



#24
 1,1-Dichloroethane
 Concen: 57.214 ug/l
 RT: 5.79 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: VN064237.D
 Acq: 21 Oct 2020 23:56

Tgt Ion: 63 Resp: 273183
 Ion Ratio Lower Upper
 63 100
 98 5.8 2.9 8.7
 100 4.0 2.0 6.0





#25

2-Butanone

Concen: 290.668 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN064237.D

Acq: 21 Oct 2020 23:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 463811

Ion Ratio Lower Upper

43 100

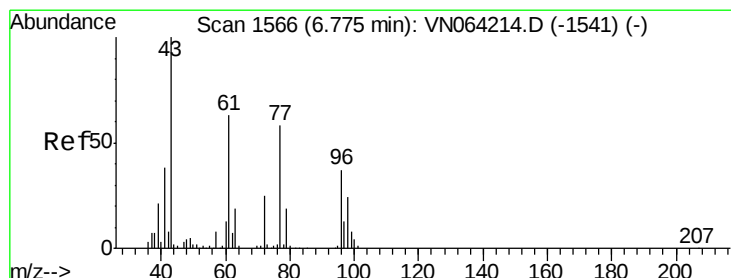
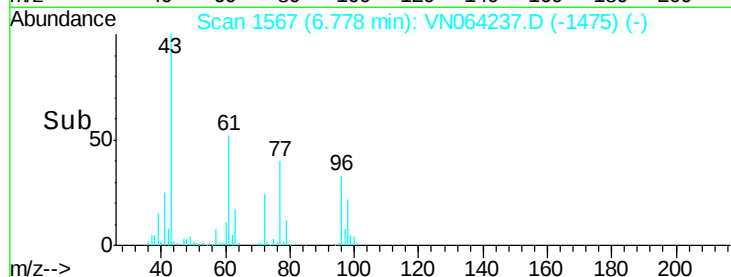
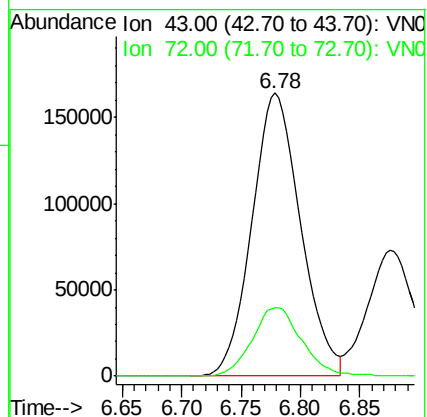
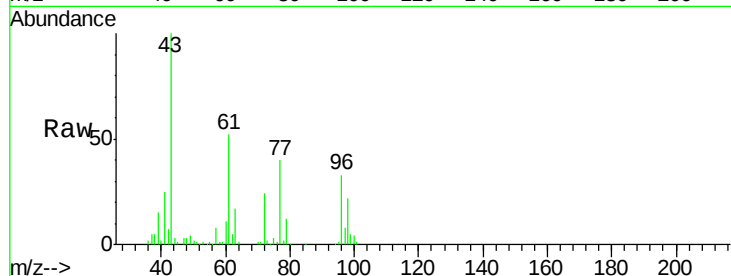
72 24.0 19.4 29.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 45.348 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN064237.D

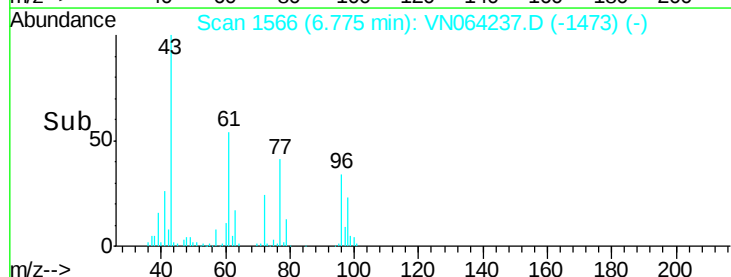
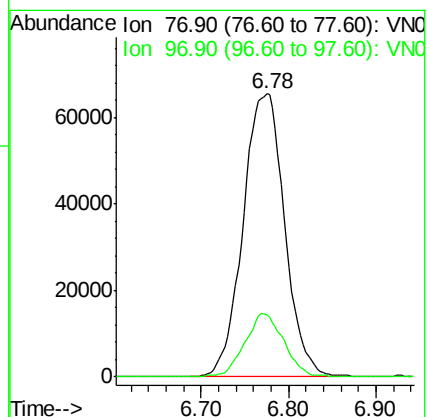
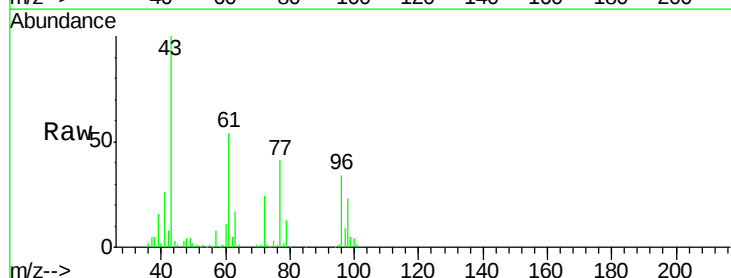
Acq: 21 Oct 2020 23:56

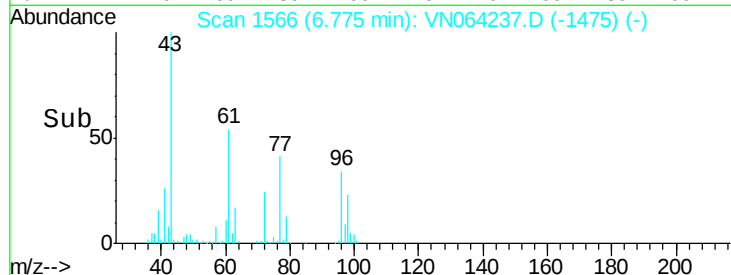
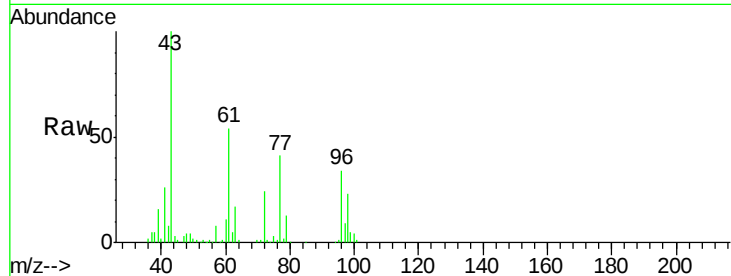
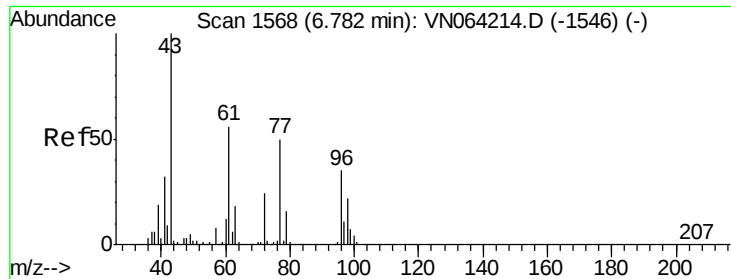
Tgt Ion: 77 Resp: 215560

Ion Ratio Lower Upper

77 100

97 20.9 10.4 31.4





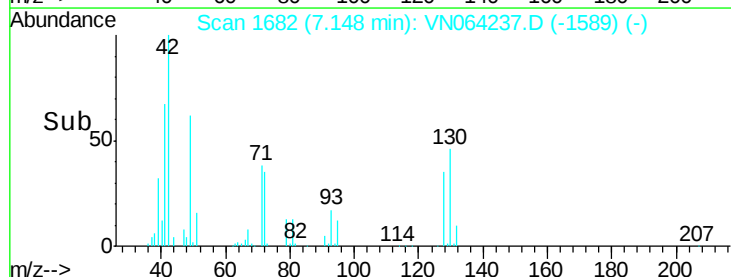
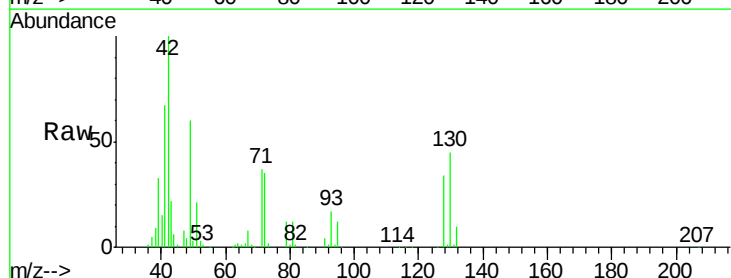
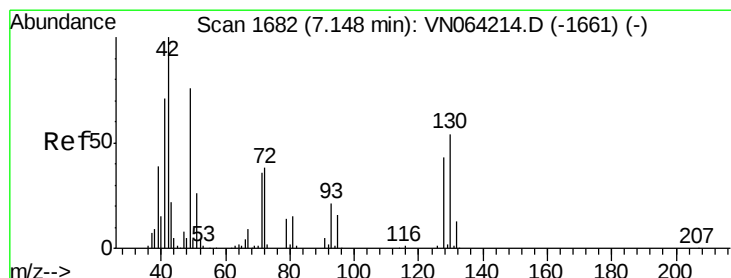
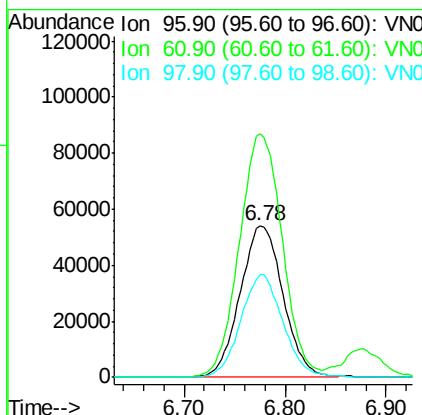
#27
cis-1,2-Dichloroethene
Concen: 56.283 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VN064237.D
Acq: 21 Oct 2020 23:56

Tot Ion	Ratio	Resp	Lower	Upper
96	100	160113		
61	160.3		0.0	330.0
98	66.6		0.0	130.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

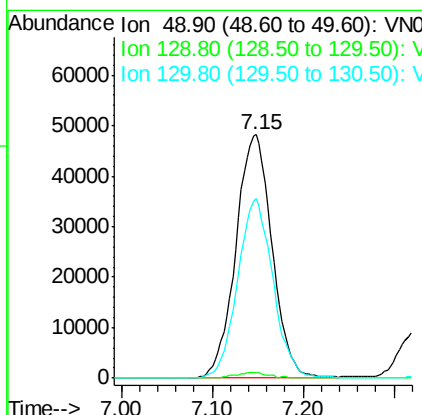
Manual Integrations
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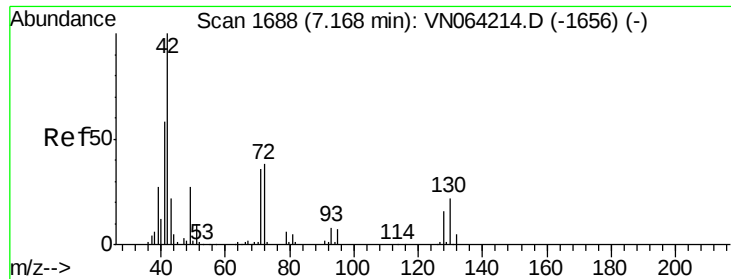
MMDadoda
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#28
Bromochloromethane
Concen: 58.687 ug/l
RT: 7.15 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VN064237.D
Acq: 21 Oct 2020 23:56

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	133119		
129	1.9		0.0	2.8
130	71.8		58.8	88.2





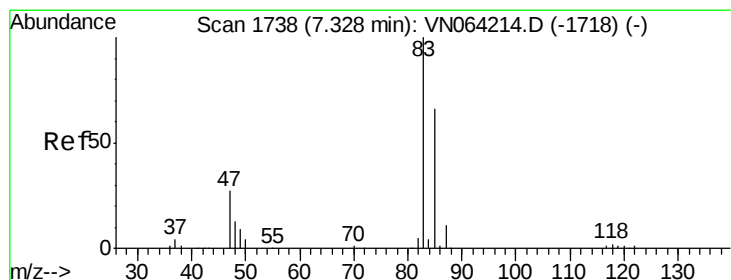
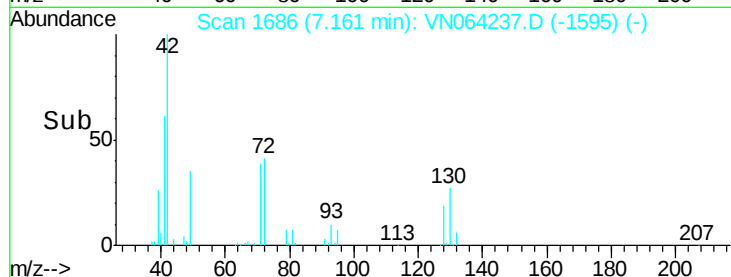
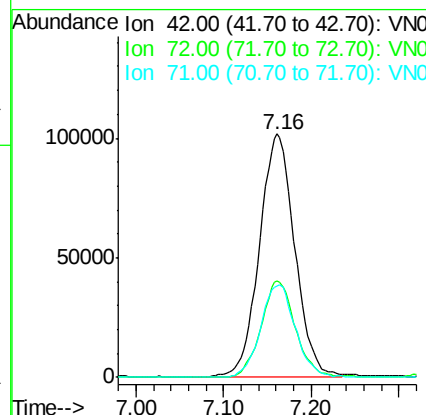
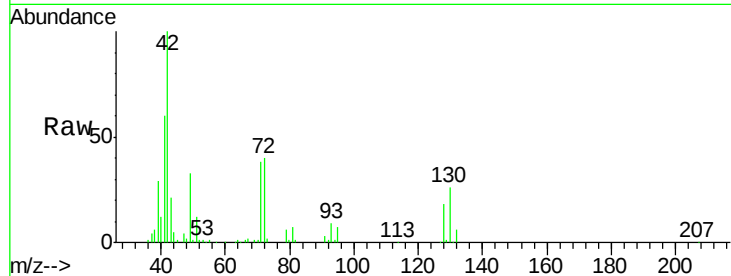
#29
Tetrahydrofuran
Concen: 299.309 ug/l
RT: 7.16 min Scan# 1686
Delta R.T. -0.01 min
Lab File: VN064237.D
Acq: 21 Oct 2020 23:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.2	30.8	46.2
71	37.1	29.0	43.6

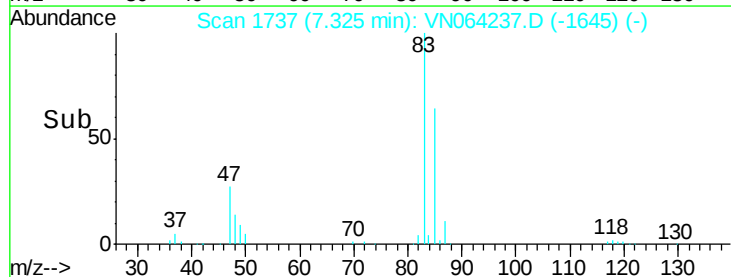
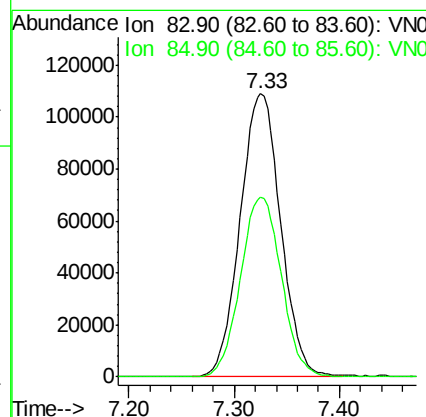
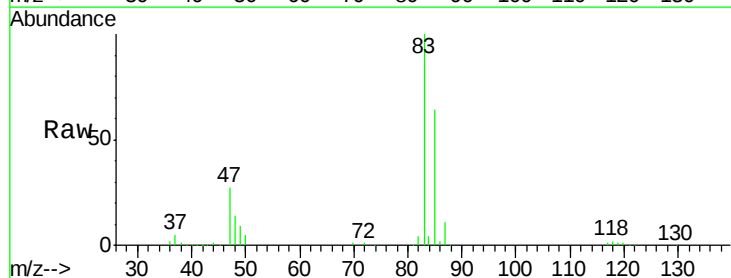
Manual Integrations
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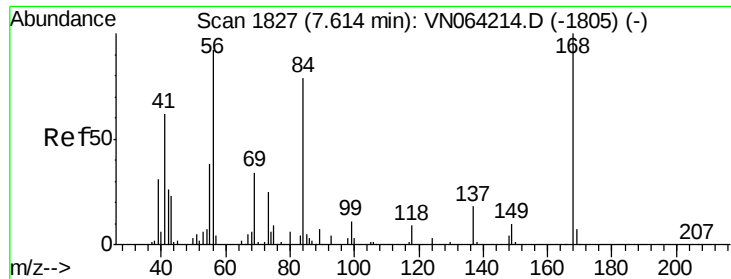
MMDadoda
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#30
Chloroform
Concen: 57.093 ug/l
RT: 7.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN064237.D
Acq: 21 Oct 2020 23:56

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	52.5	78.7





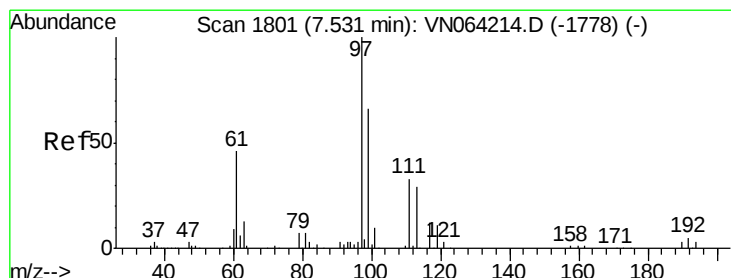
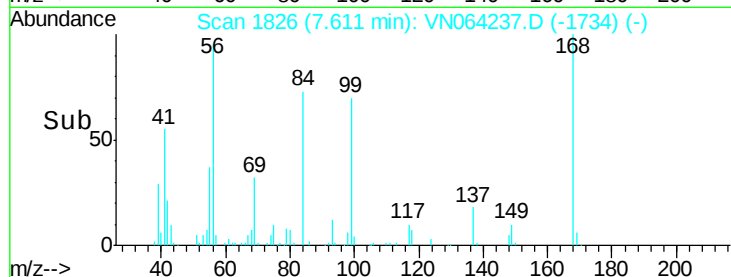
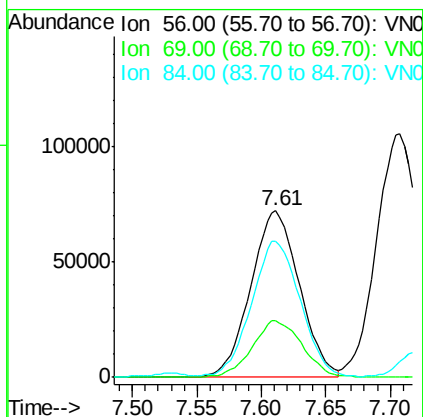
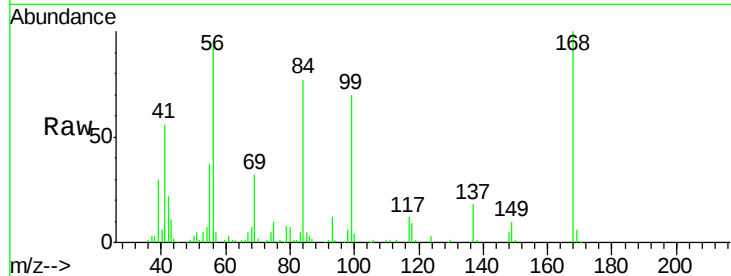
#31
Cyclohexane
Concen: 45.605 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VN064237.D
Acq: 21 Oct 2020 23:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.8	29.8	44.6
84	80.5	68.1	102.1

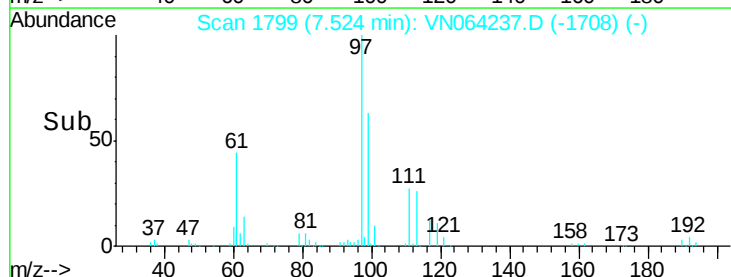
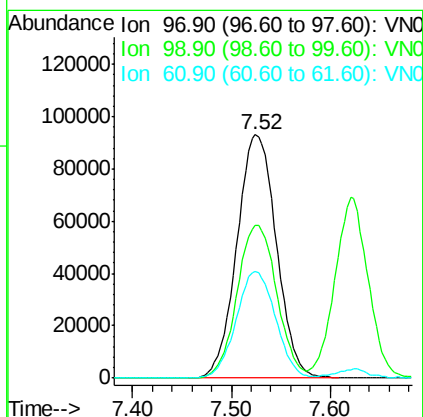
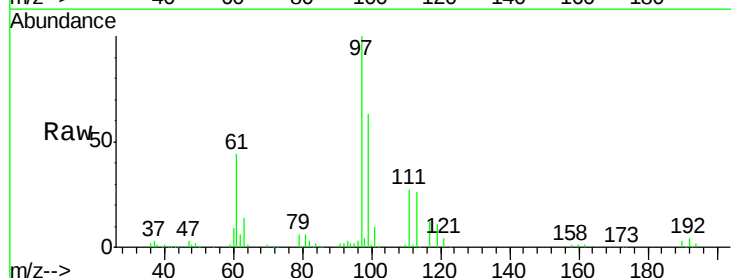
Manual Integrations
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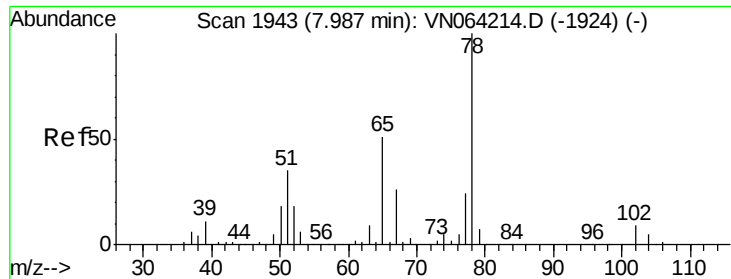
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 54.111 ug/l
RT: 7.52 min Scan# 1799
Delta R.T. -0.01 min
Lab File: VN064237.D
Acq: 21 Oct 2020 23:56

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.2	76.8
61	43.7	36.3	54.5





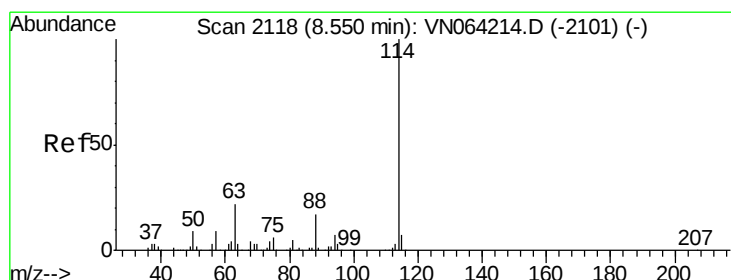
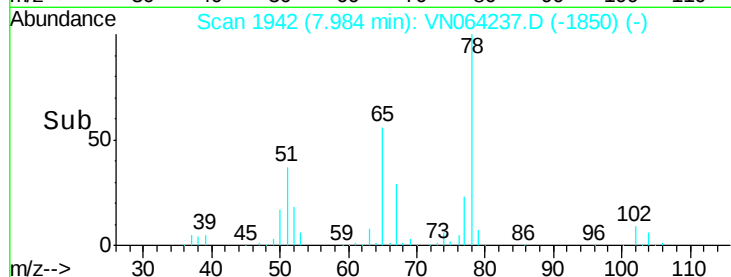
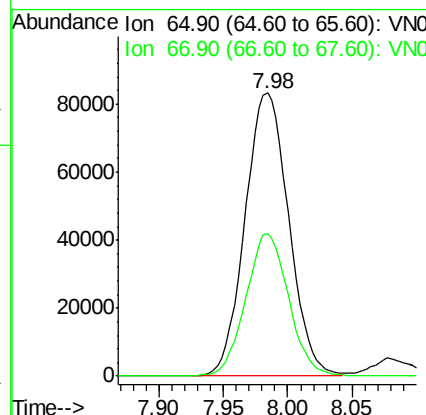
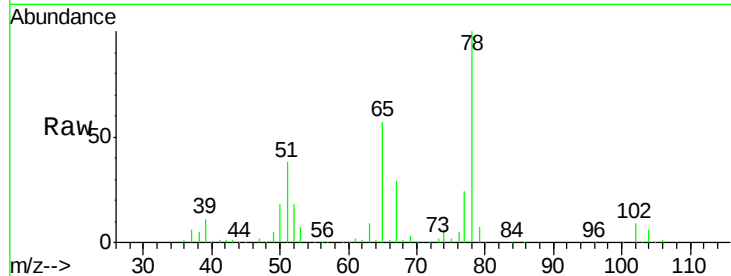
#33
 1,2-Dichloroethane-d4
 Concen: 56.077 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN064237.D
 Acq: 21 Oct 2020 23:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	196840		
67	49.3	0.0	100.2	

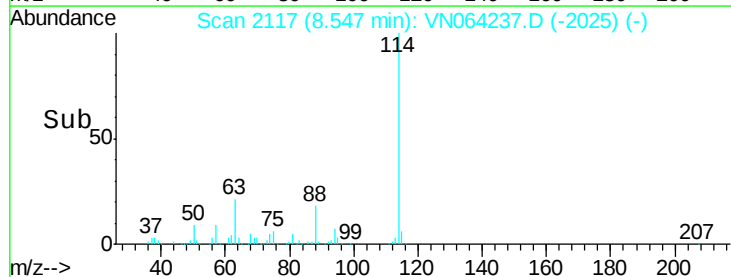
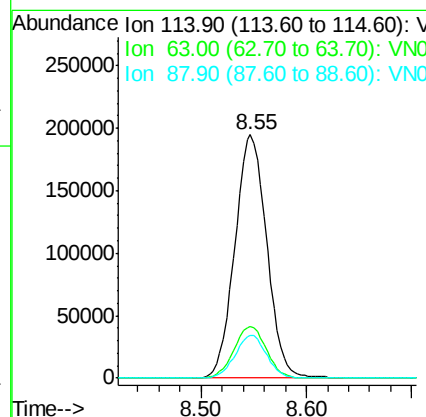
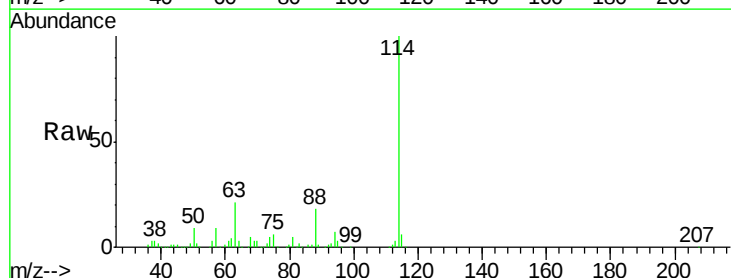
Manual Integrations
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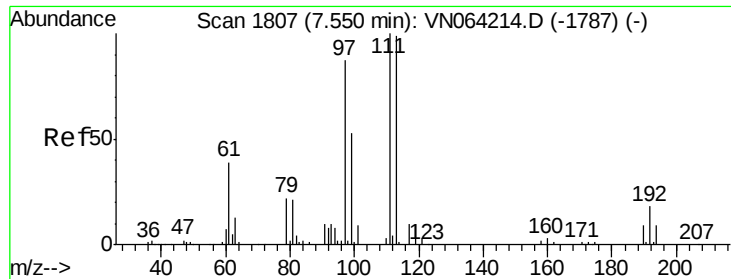
MMDadoda
 10/23/2020 2:10:31 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064237.D
 Acq: 21 Oct 2020 23:56

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	408369		
63	21.3	0.0	44.0	
88	17.7	0.0	34.2	





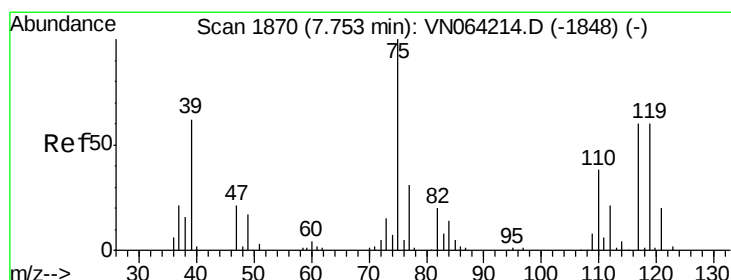
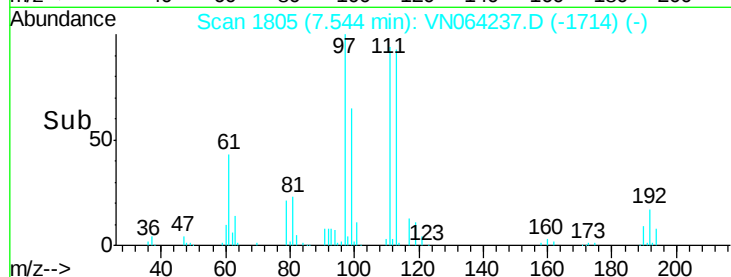
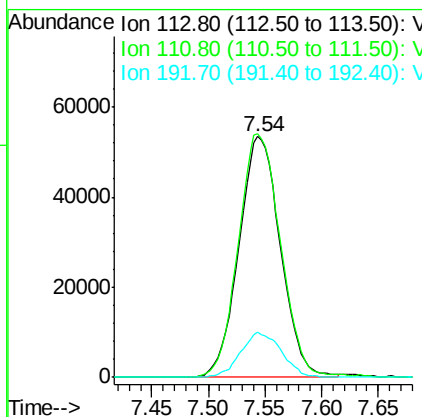
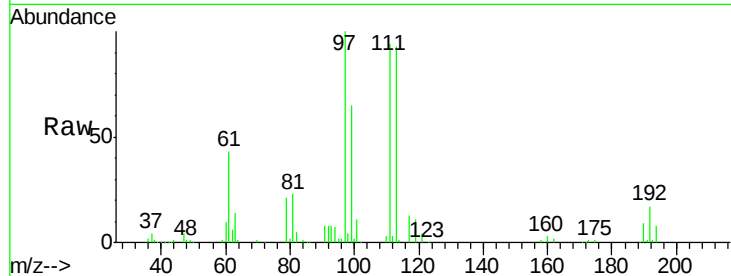
#35
 Dibromofluoromethane
 Concen: 50.132 ug/l
 RT: 7.54 min Scan# 1805
 Delta R.T. -0.01 min
 Lab File: VN064237.D
 Acq: 21 Oct 2020 23:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	136110		
111	103.1	84.2	126.2	
192	18.4	15.2	22.8	

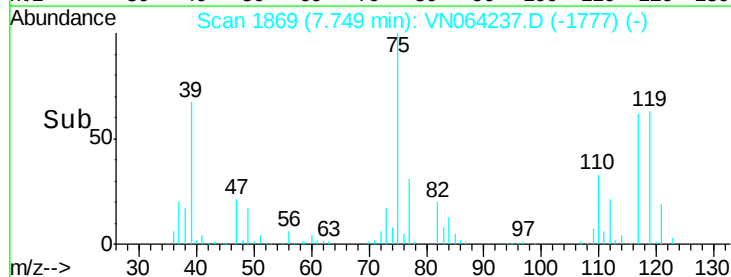
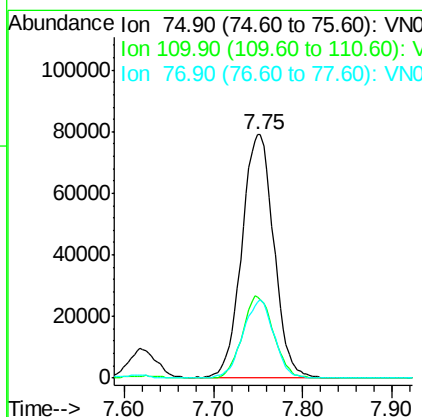
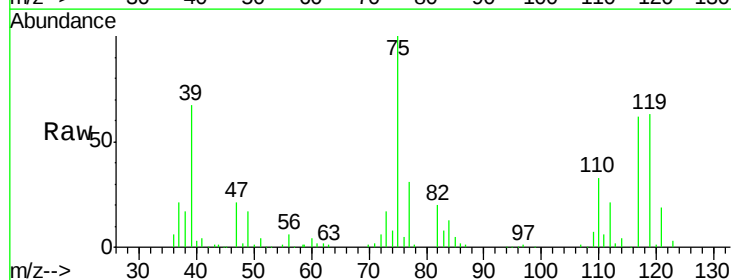
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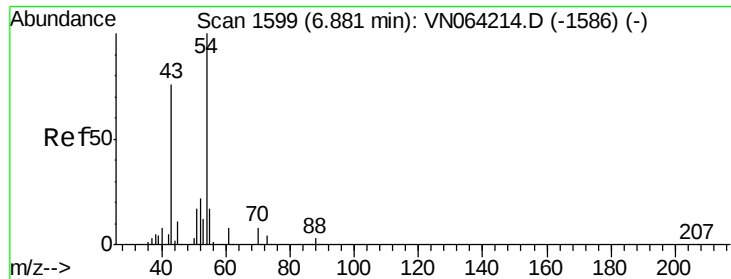
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#36
 1,1-Dichloropropene
 Concen: 48.448 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064237.D
 Acq: 21 Oct 2020 23:56

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	197241		
110	32.7	17.2	51.6	
77	31.2	24.9	37.3	





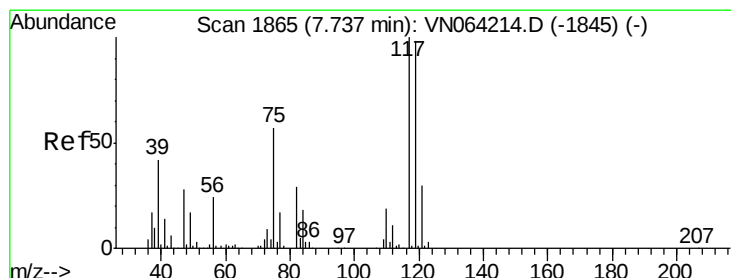
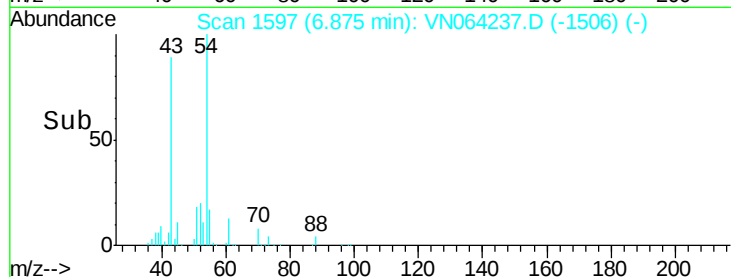
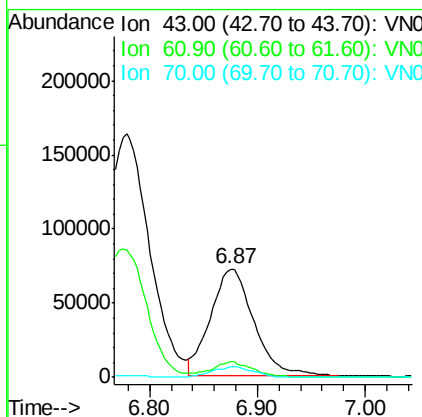
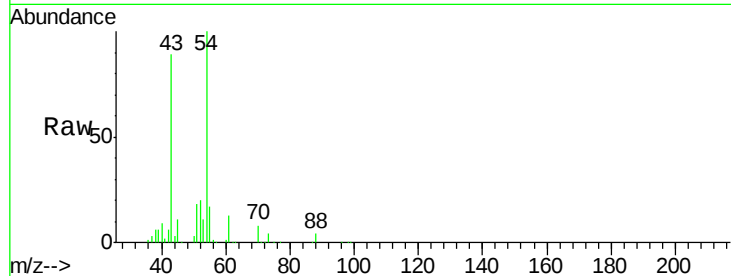
#37
Ethyl Acetate
Concen: 54.614 ug/l
RT: 6.87 min Scan# 1597
Delta R.T. -0.01 min
Lab File: VN064237.D
Acq: 21 Oct 2020 23:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.0	15.0
70	9.6	7.5	11.3

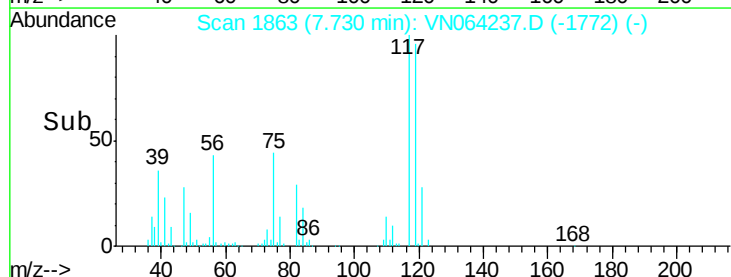
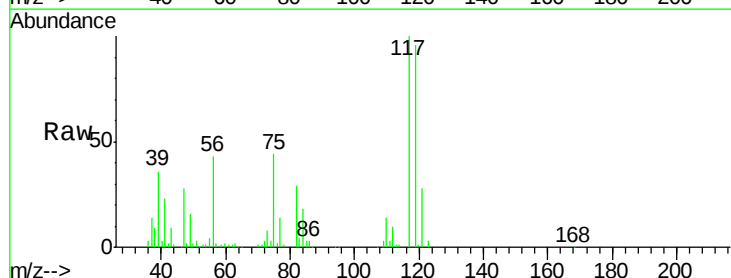
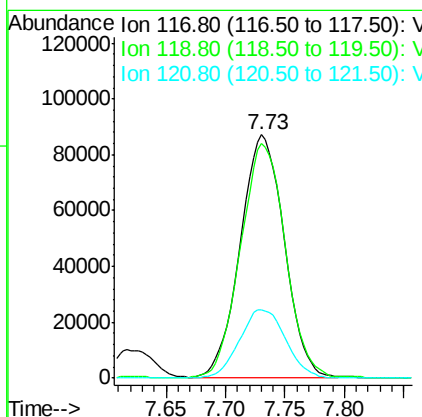
Manual Integrations
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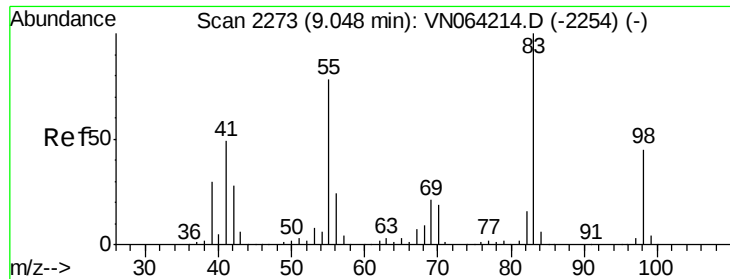
MMDadoda
10/23/2020 2:10:31 PM



#38
Carbon Tetrachloride
Concen: 47.966 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.01 min
Lab File: VN064237.D
Acq: 21 Oct 2020 23:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	78.5	117.7
121	28.0	24.3	36.5





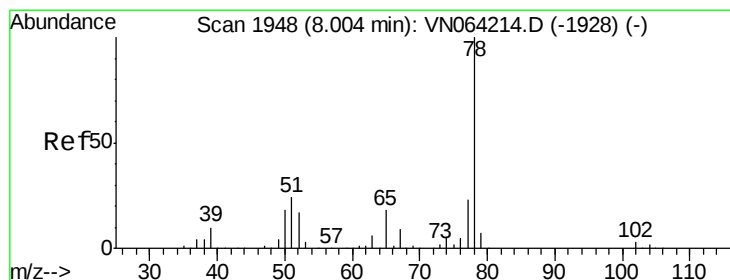
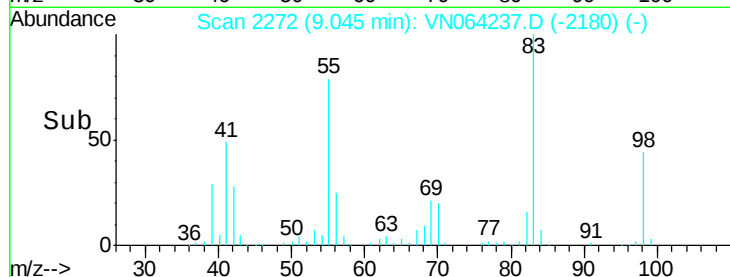
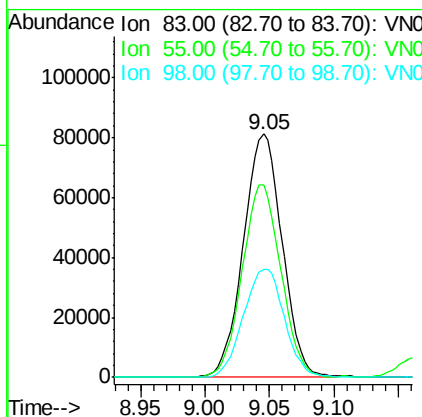
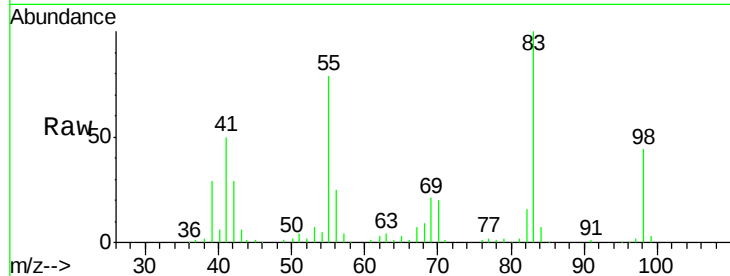
#39
Methvlcvclohexane
Concen: 46.213 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064237.D
Acq: 21 Oct 2020 23:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.8	62.2	93.2
98	44.4	35.9	53.9

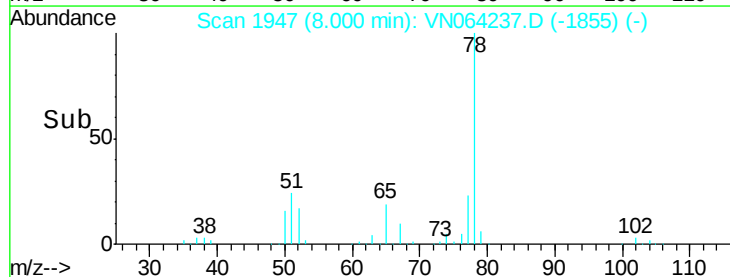
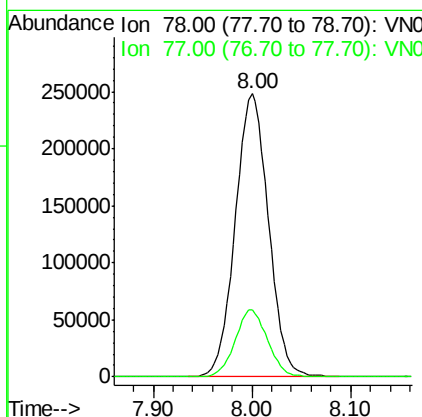
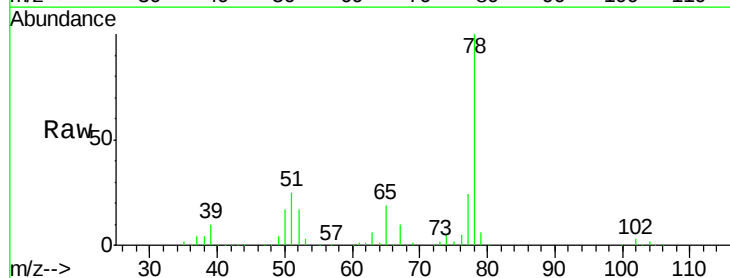
Manual Integrations
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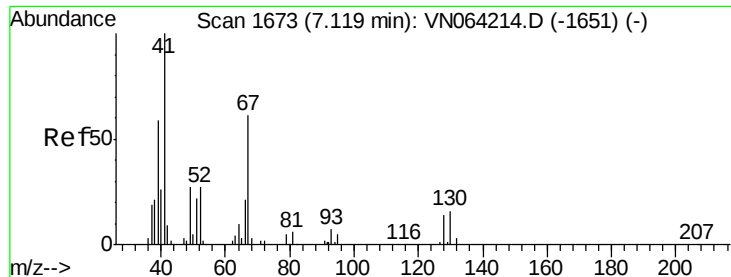
MMDadoda
10/23/2020 2:10:31 PM



#40
Benzene
Concen: 51.530 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064237.D
Acq: 21 Oct 2020 23:56

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.3	27.5





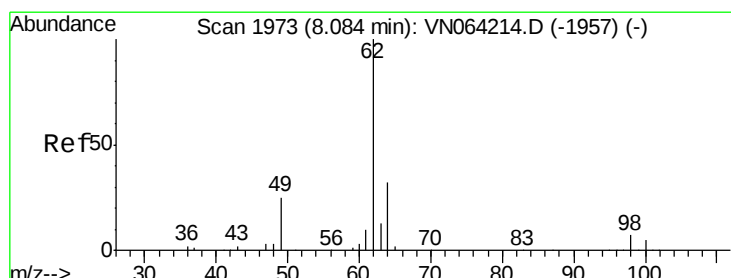
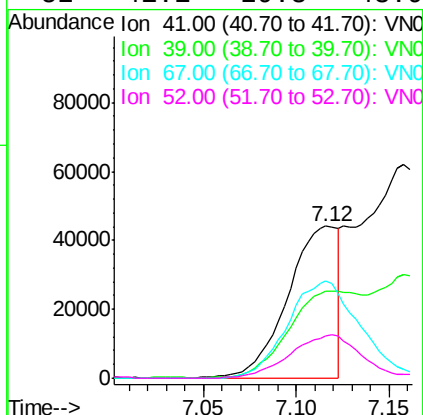
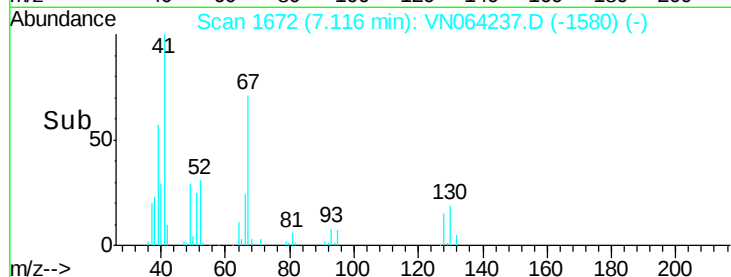
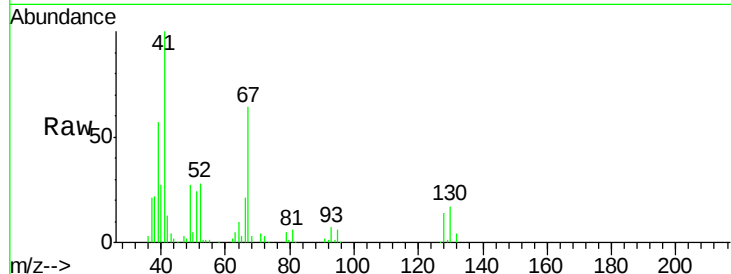
#41
Methacrylonitrile
Concen: 43.122 ug/l
RT: 7.12 min Scan# 1672
Delta R.T. -0.00 min
Lab File: VN064237.D
Acq: 21 Oct 2020 23:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	41	Resp	83614
Ion Ratio	Lower	Upper	
41	100		
39	85.2	50.5	75.7#
67	92.3	63.2	94.8
52	41.1	29.3	43.9

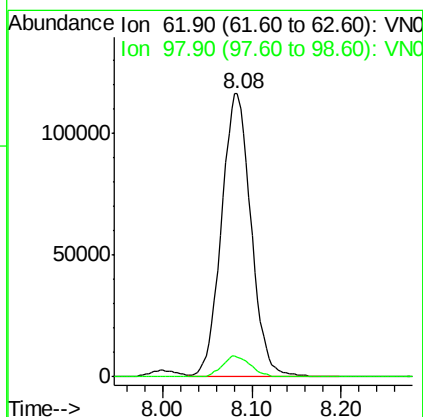
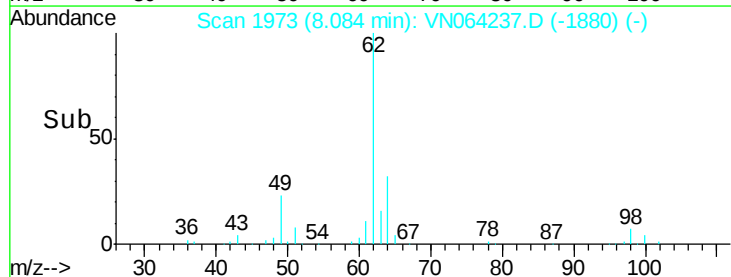
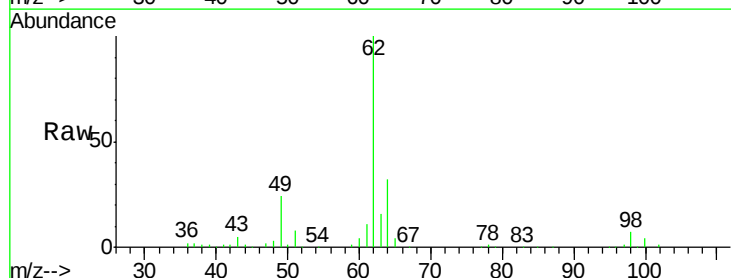
Manual Integrations
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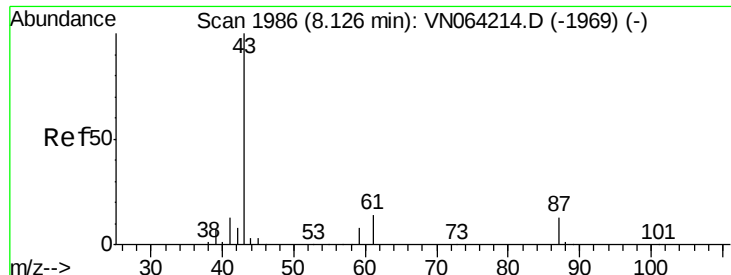
MMDadoda
10/23/2020 2:10:31 PM



#42
1,2-Dichloroethane
Concen: 55.059 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064237.D
Acq: 21 Oct 2020 23:56

Tgt Ion	62	Resp	265073
Ion Ratio	Lower	Upper	
62	100		
98	7.2	0.0	15.0





#43

Isopropyl Acetate

Concen: 56.383 ug/l

RT: 8.12 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN064237.D

Acq: 21 Oct 2020 23:56

Instrument :

MSVOA_N

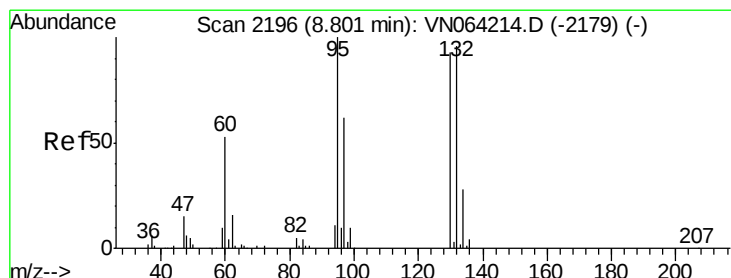
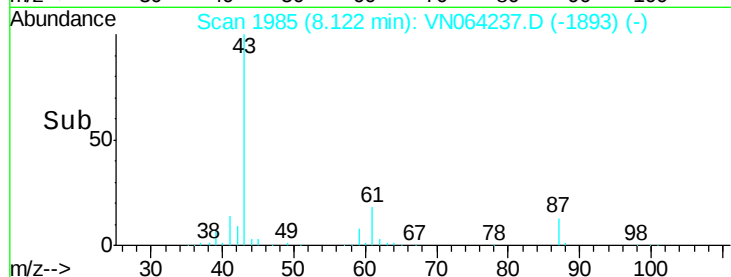
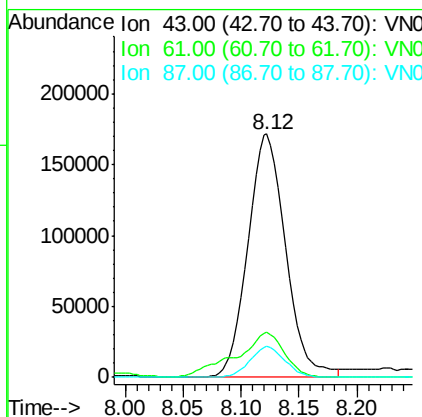
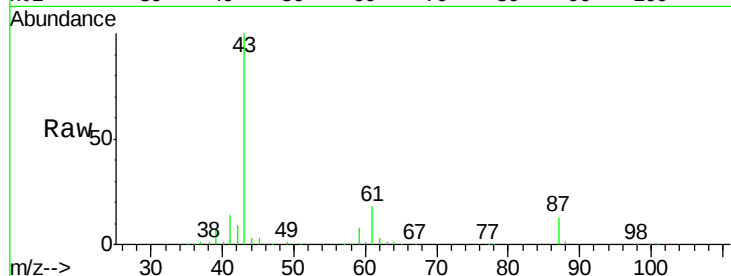
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	388415
Ion	Ratio	Lower	Upper
43	100		
61	23.9	19.6	29.4
87	11.8	9.8	14.6

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#44

Trichloroethene

Concen: 50.003 ug/l

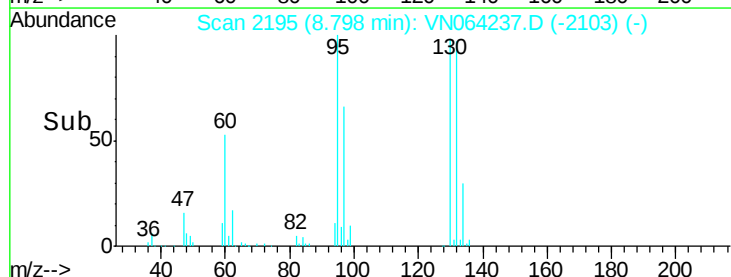
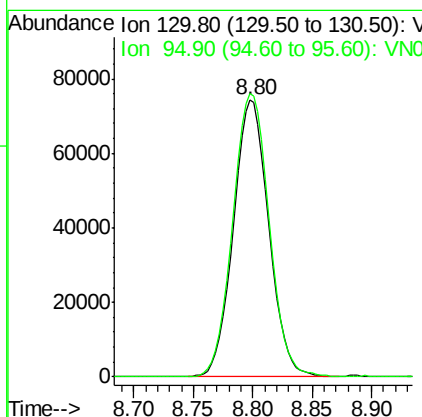
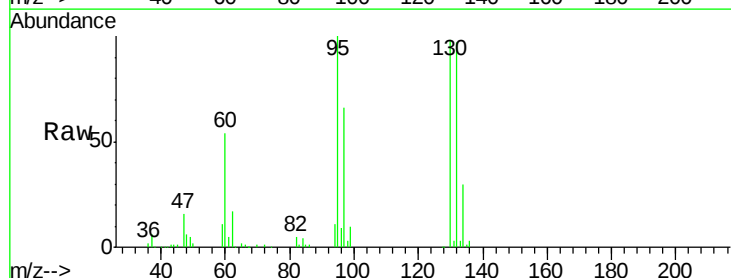
RT: 8.80 min Scan# 2195

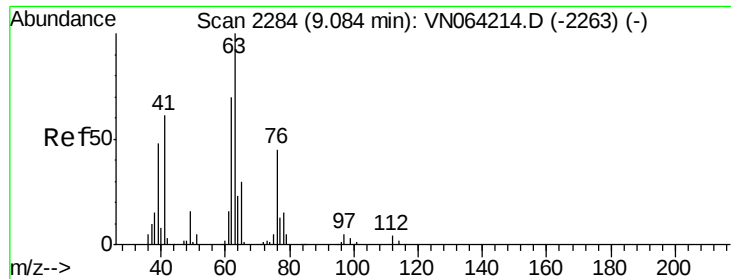
Delta R.T. -0.00 min

Lab File: VN064237.D

Acq: 21 Oct 2020 23:56

Tgt Ion:	130	Resp:	153133
Ion	Ratio	Lower	Upper
130	100		
95	102.2	0.0	214.0





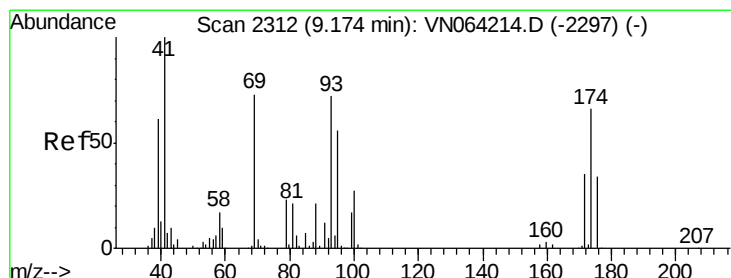
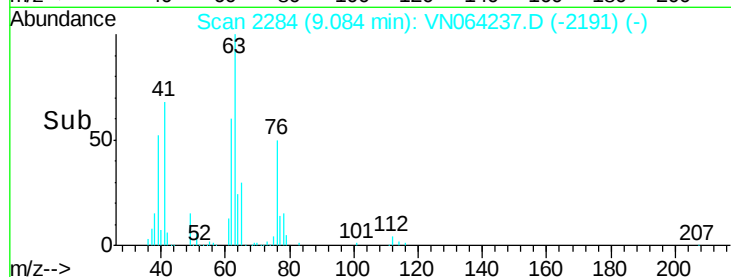
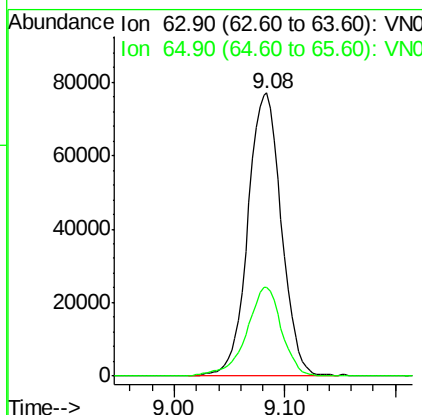
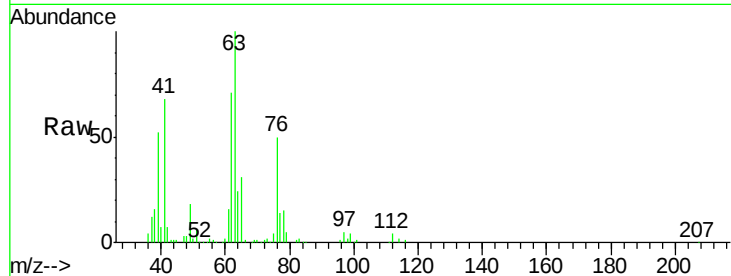
#45
 1,2-Dichloropropane
 Concen: 53.944 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064237.D
 Acq: 21 Oct 2020 23:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 161845
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.0 36.0

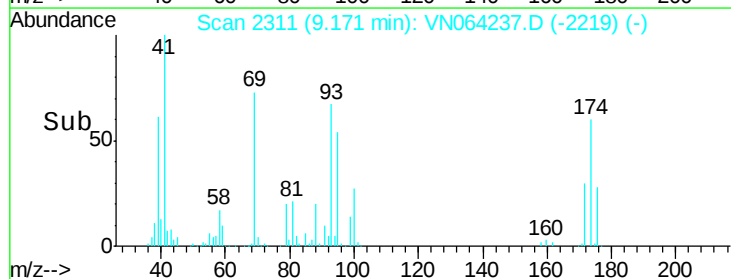
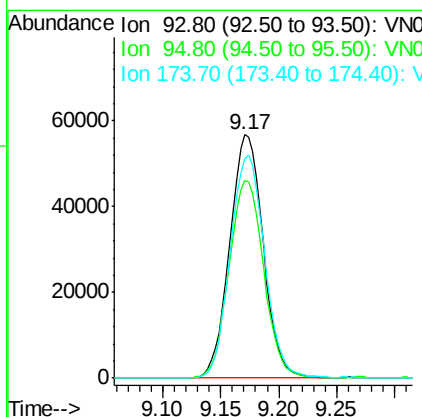
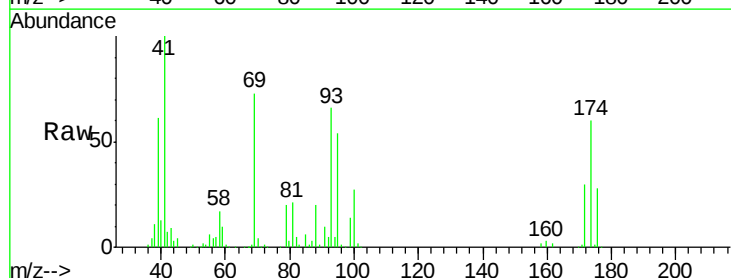
Manual Integrations
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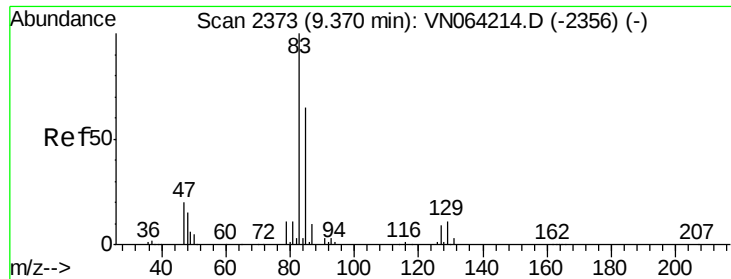
MMDadoda
 10/23/2020 2:10:31 PM



#46
 Dibromomethane
 Concen: 56.255 ug/l
 RT: 9.17 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VN064237.D
 Acq: 21 Oct 2020 23:56

Tgt Ion: 93 Resp: 113330
 Ion Ratio Lower Upper
 93 100
 95 84.2 63.0 94.4
 174 94.4 72.9 109.3





#47

Bromodichloromethane

Concen: 56.693 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064237.D

Acq: 21 Oct 2020 23:56

Instrument :

MSVOA_N

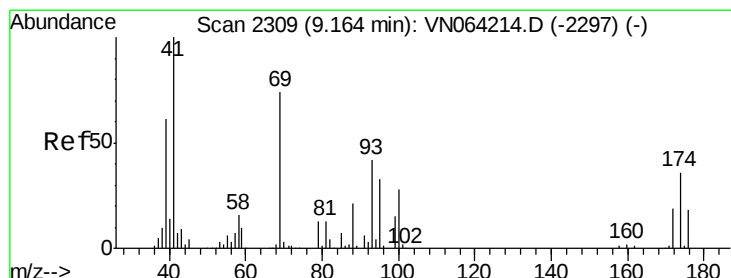
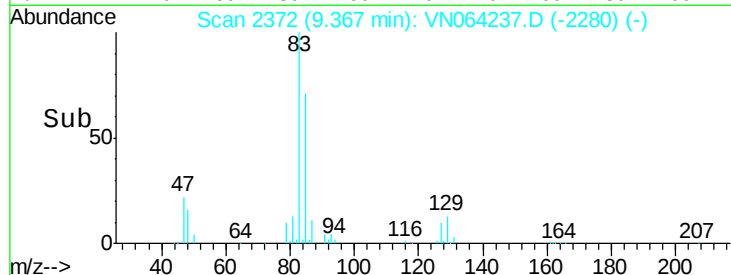
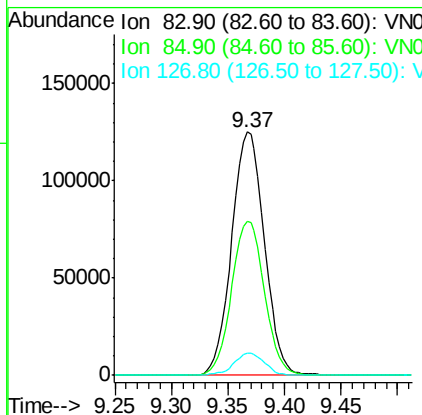
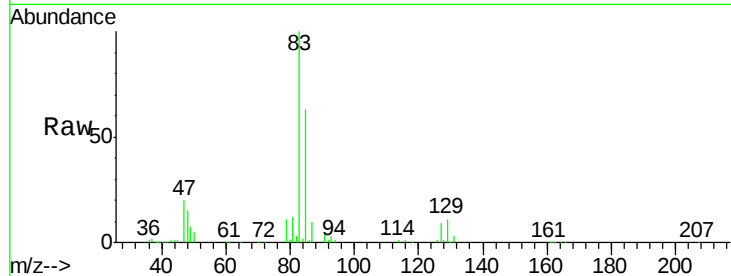
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	252330
Ion Ratio	Lower	Upper	
83	100		
85	63.4	51.8	77.8
127	9.0	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 53.755 ug/l

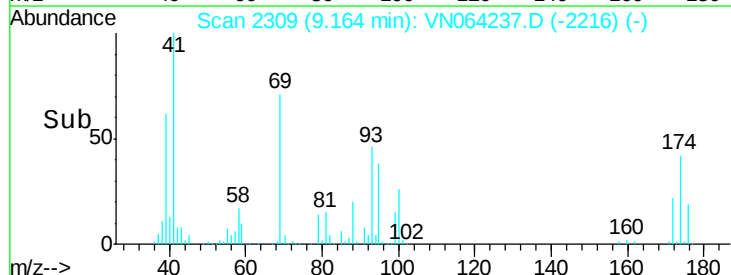
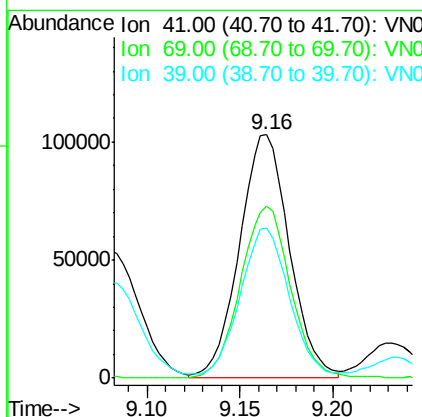
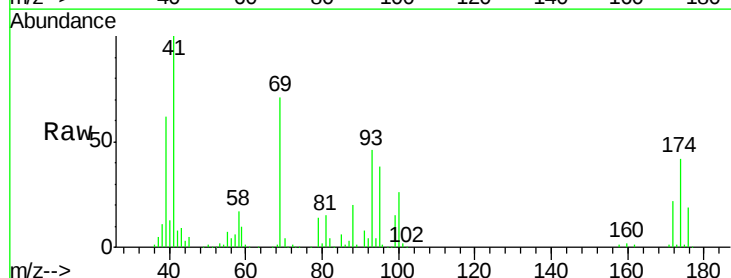
RT: 9.16 min Scan# 2309

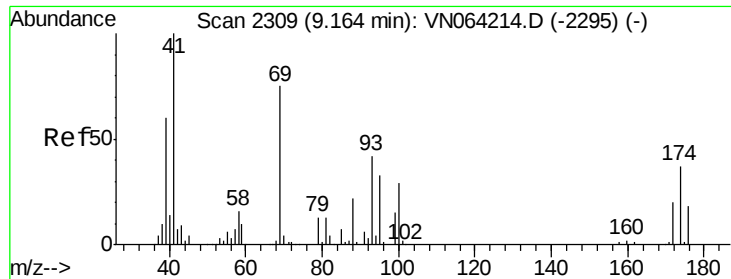
Delta R.T. -0.00 min

Lab File: VN064237.D

Acq: 21 Oct 2020 23:56

Tgt Ion:	41	Resp:	193447
Ion Ratio	Lower	Upper	
41	100		
69	70.8	57.3	85.9
39	61.1	48.6	73.0





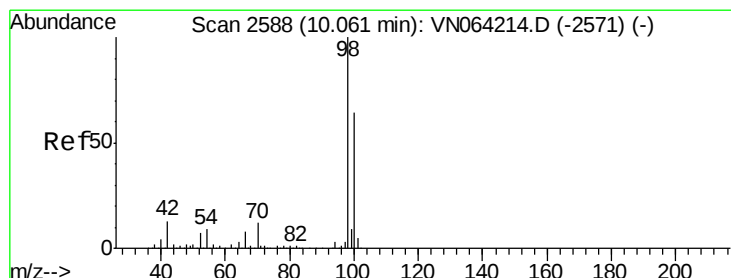
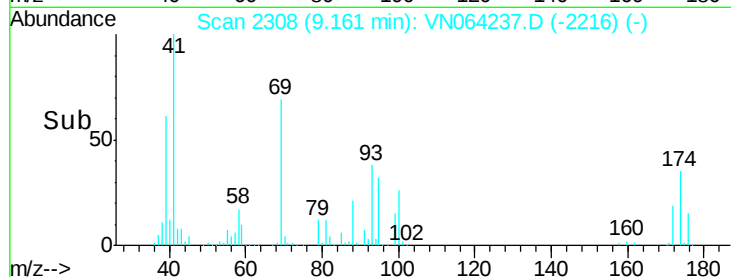
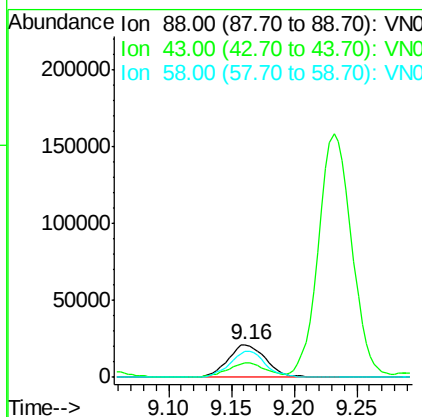
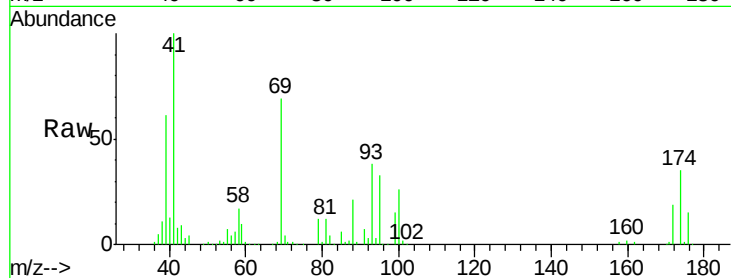
#49
1,4-Dioxane
Concen: 1058.193 ug/l
RT: 9.16 min Scan# 2308
Delta R.T. -0.00 min
Lab File: VN064237.D
Acq: 21 Oct 2020 23:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	44556
Ion Ratio	100	Lower	Upper
88	100		
43	41.1	34.6	52.0
58	75.4	59.0	88.6

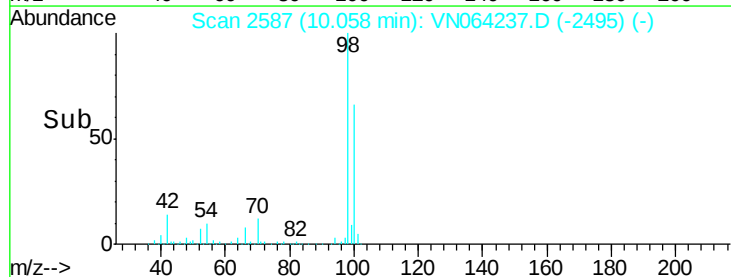
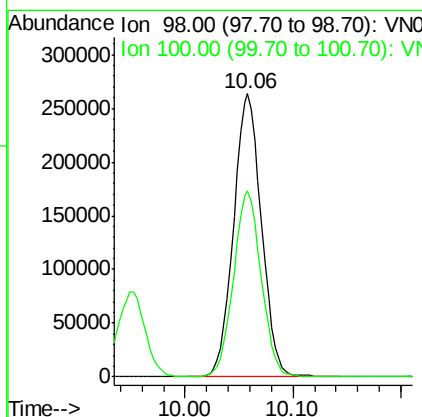
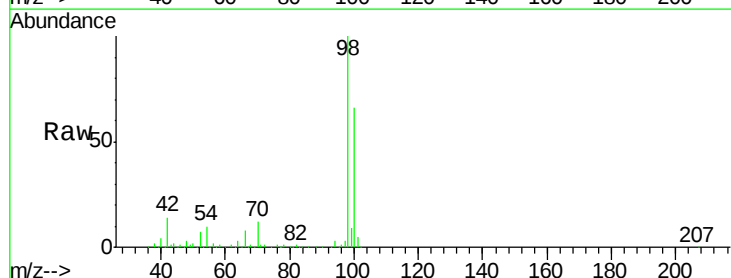
Manual Integrations
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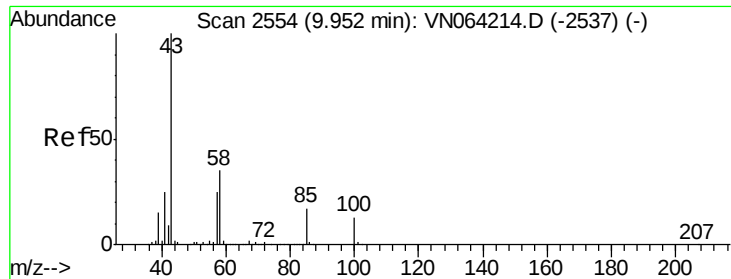
MMDadoda
10/23/2020 2:10:31 PM



#50
Toluene-d8
Concen: 48.152 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064237.D
Acq: 21 Oct 2020 23:56

Tgt Ion	98	Resp	474243
Ion Ratio	100	Lower	Upper
98	100		
100	65.2	50.8	76.2





#51

4-Methyl-2-Pentanone

Concen: 278.725 ug/l

RT: 9.95 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN064237.D

Acq: 21 Oct 2020 23:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1026202

Ion Ratio Lower Upper

43 100

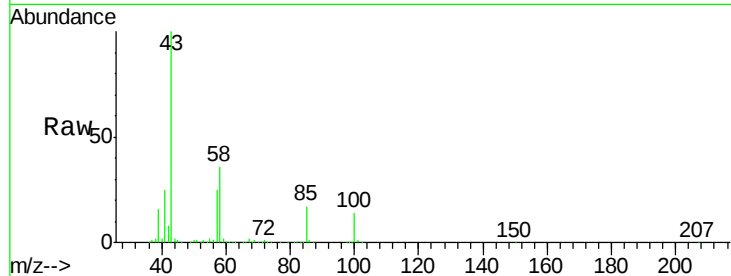
58 36.3 28.6 42.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

600000

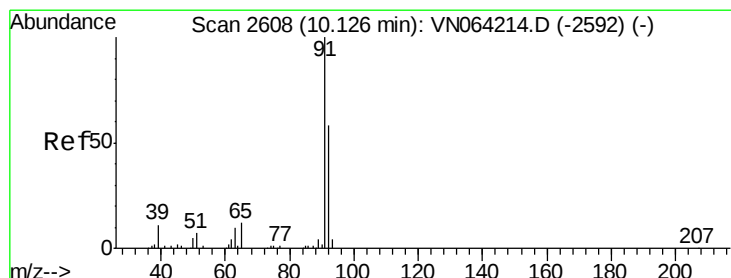
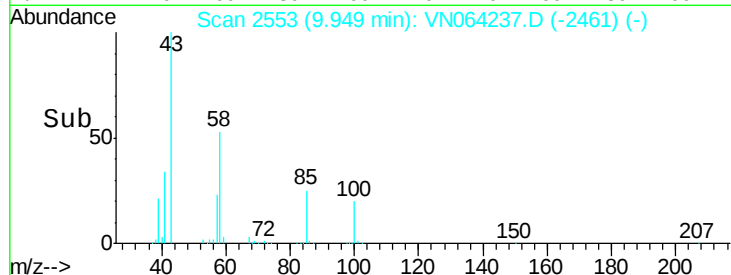
400000

200000

0

9.90 9.95 10.00

Time-->



#52

Toluene

Concen: 50.914 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064237.D

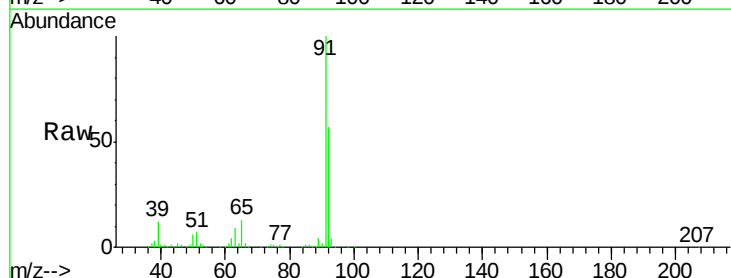
Acq: 21 Oct 2020 23:56

Tgt Ion: 92 Resp: 366121

Ion Ratio Lower Upper

92 100

91 173.3 137.4 206.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

400000

300000

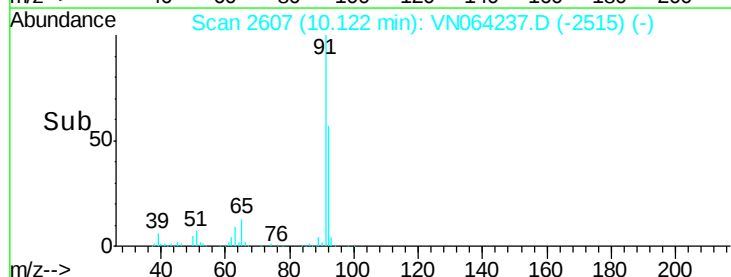
200000

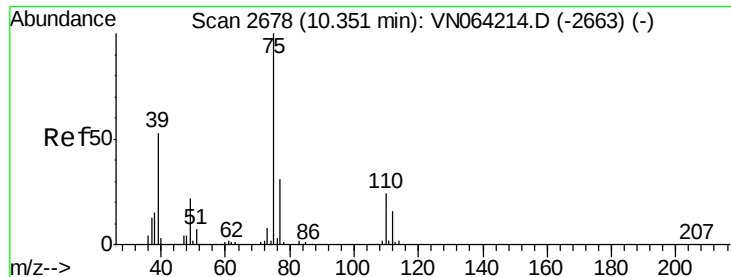
100000

0

10.10 10.12 10.20

Time-->





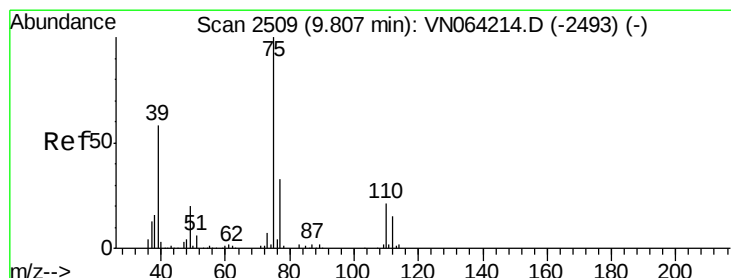
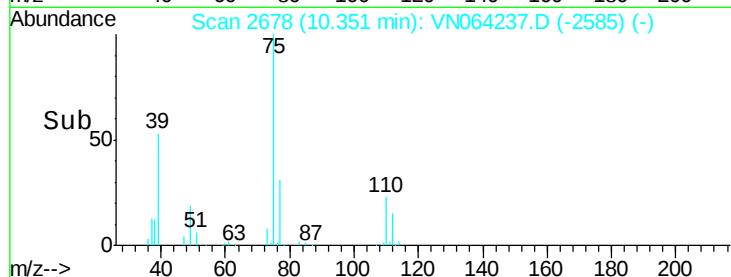
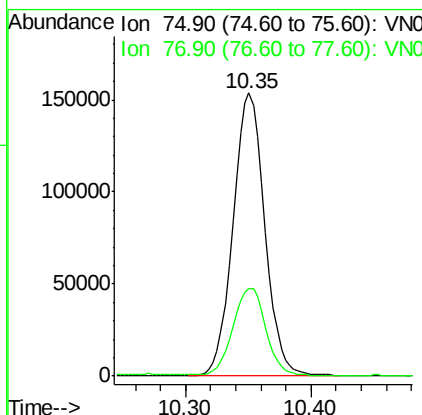
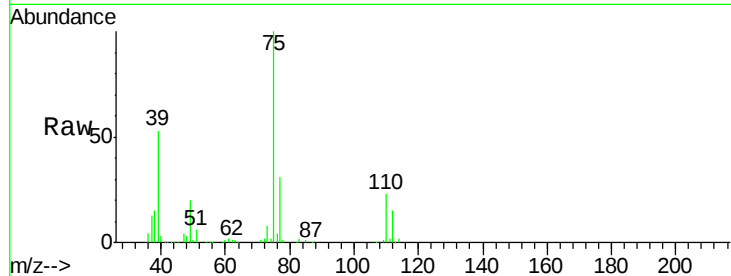
#53
t-1,3-Dichloropropene
Concen: 54.656 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN064237.D
Acq: 21 Oct 2020 23:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 270235
Ion Ratio Lower Upper
75 100
77 30.6 25.4 38.2

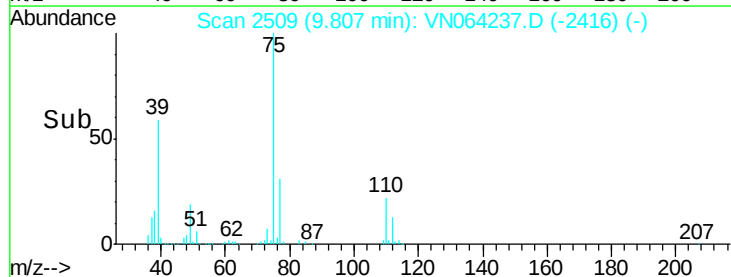
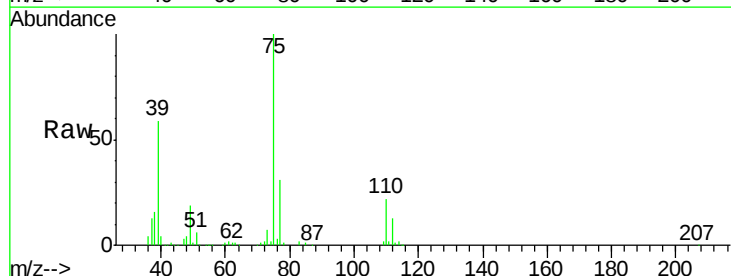
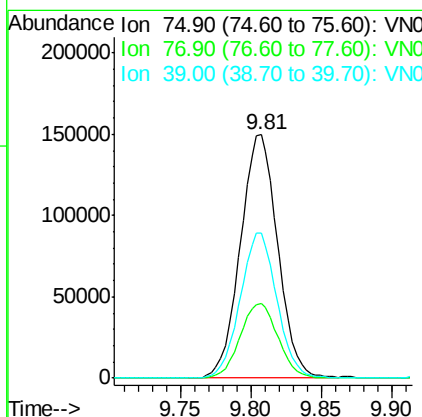
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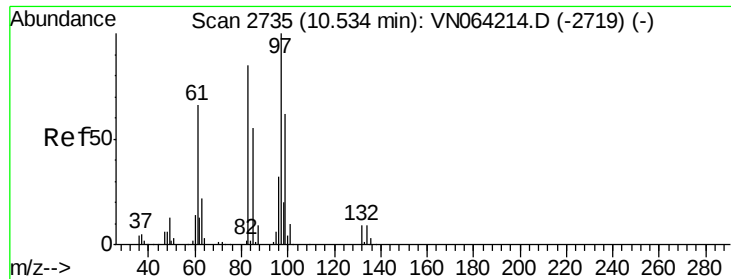
MMDadoda
10/23/2020 2:10:31 PM



#54
cis-1,3-Dichloropropene
Concen: 53.313 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN064237.D
Acq: 21 Oct 2020 23:56

Tgt Ion: 75 Resp: 277540
Ion Ratio Lower Upper
75 100
77 30.7 26.6 39.8
39 59.5 46.7 70.1





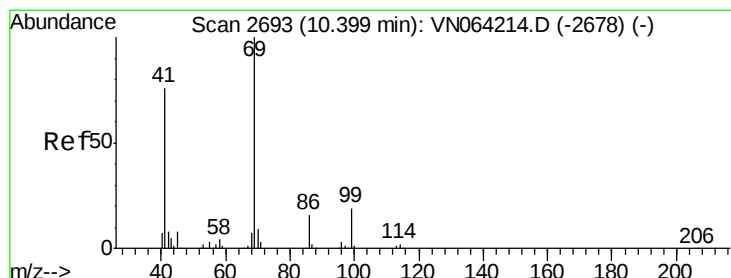
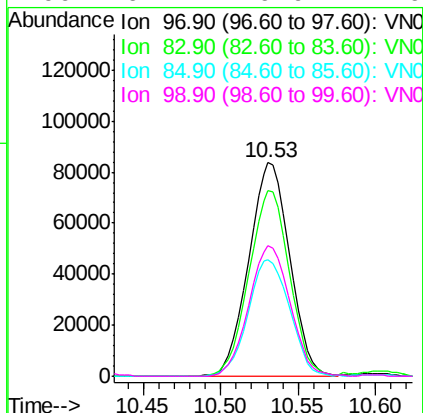
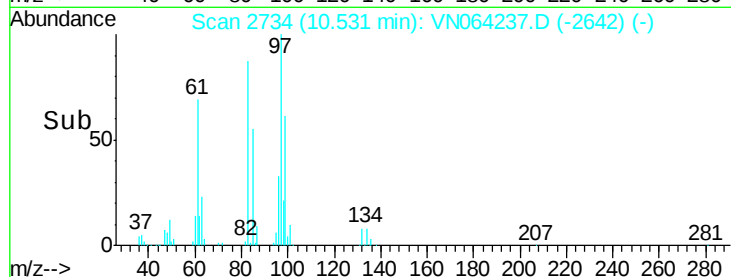
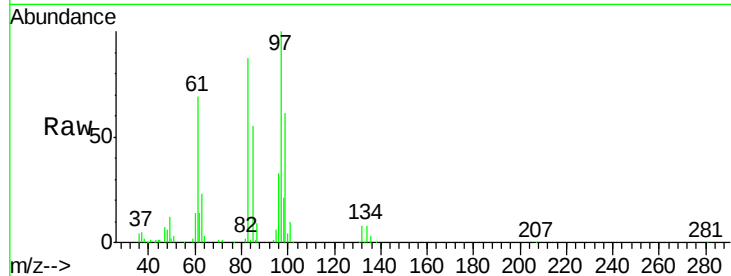
#55
 1,1,2-Trichloroethane
 Concen: 56.700 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064237.D
 Acq: 21 Oct 2020 23:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	153992
Ion	Ratio	Lower	Upper
97	100		
83	86.9	67.8	101.6
85	54.7	43.6	65.4
99	61.1	49.9	74.9

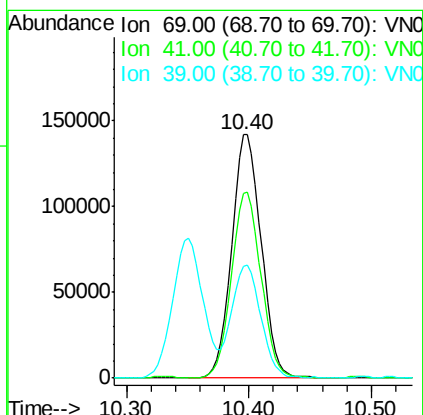
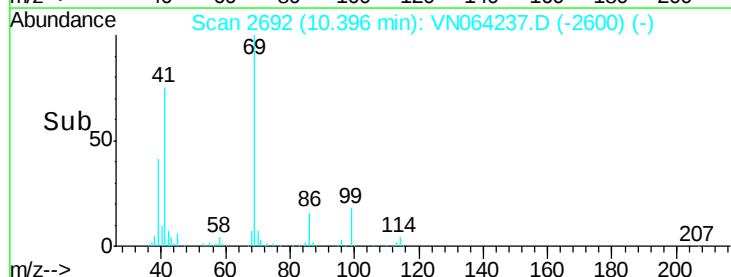
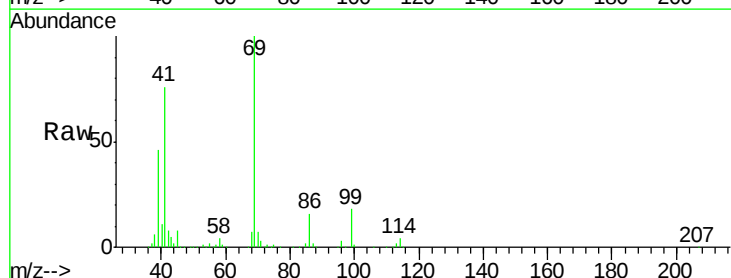
Manual Integrations
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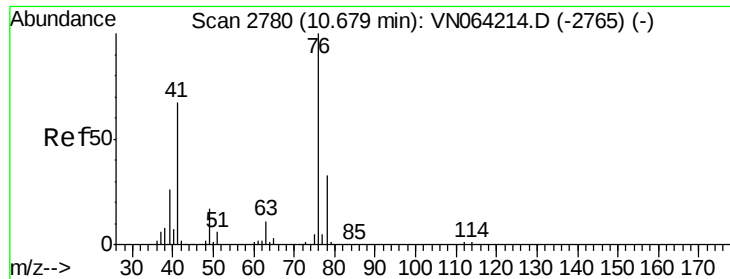
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 56.805 ug/l
 RT: 10.40 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN064237.D
 Acq: 21 Oct 2020 23:56

Tgt Ion:	69	Resp:	238547
Ion	Ratio	Lower	Upper
69	100		
41	76.1	61.4	92.2
39	45.2	36.0	54.0





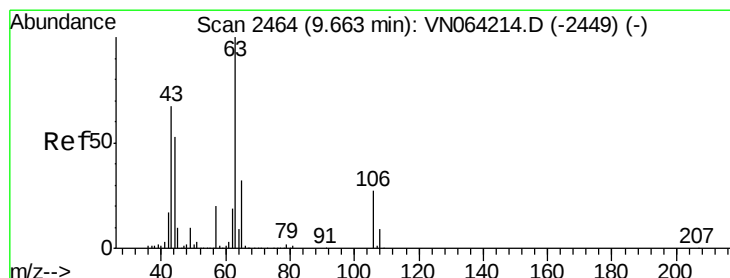
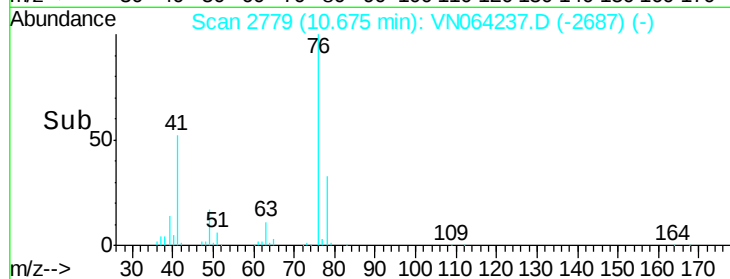
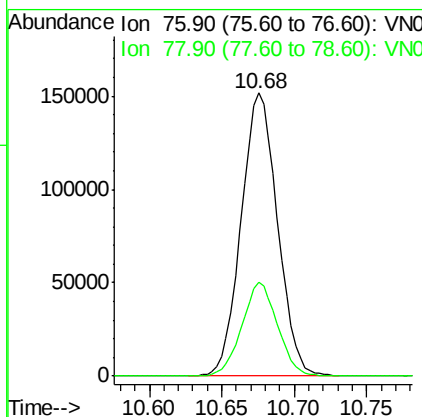
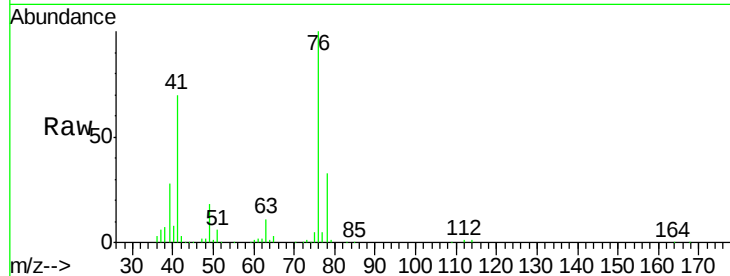
#57
 1,3-Dichloropropane
 Concen: 56.087 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN064237.D
 Acq: 21 Oct 2020 23:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.2	39.2

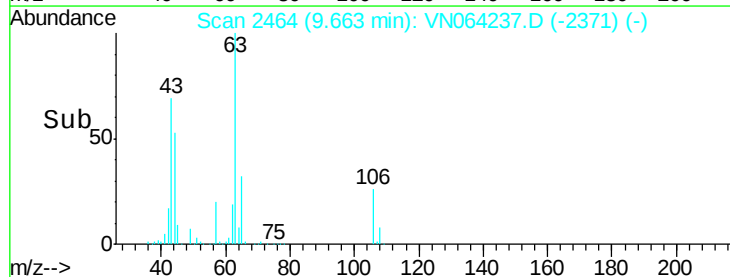
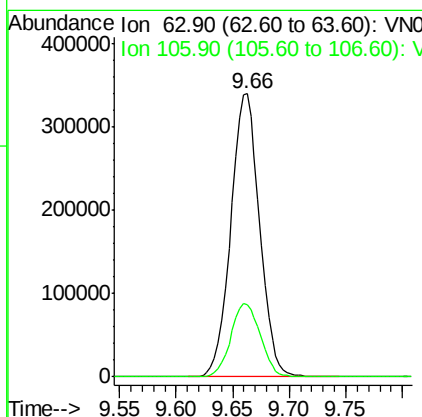
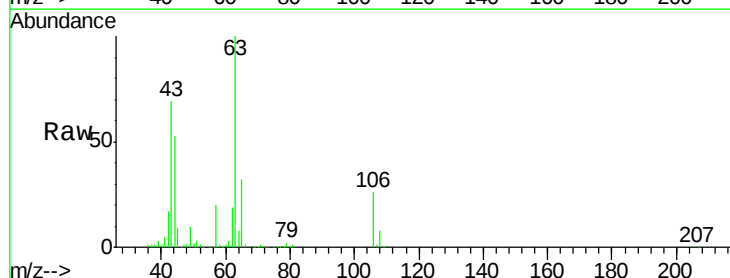
Manual Integrations
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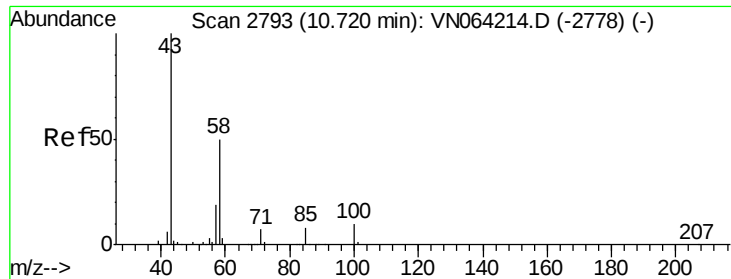
MMDadoda
 10/23/2020 2:10:31 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 279.080 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN064237.D
 Acq: 21 Oct 2020 23:56

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.7	21.3	31.9





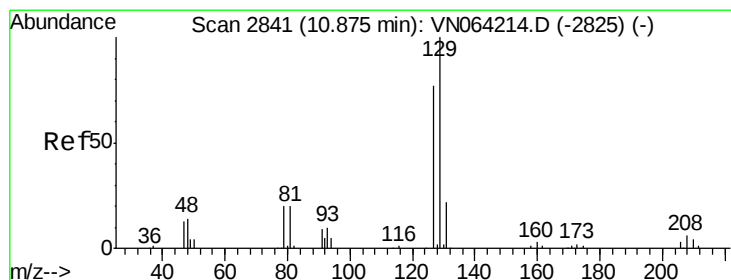
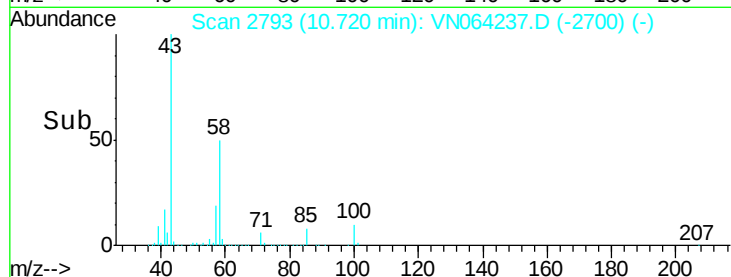
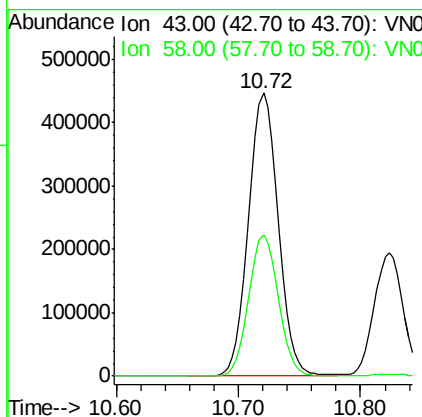
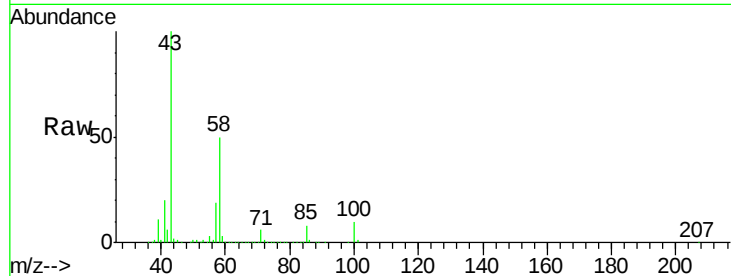
#59
2-Hexanone
Concen: 277.710 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064237.D
Acq: 21 Oct 2020 23:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	49.9	24.8	74.3

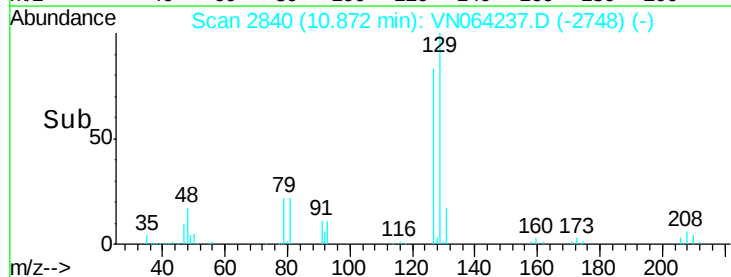
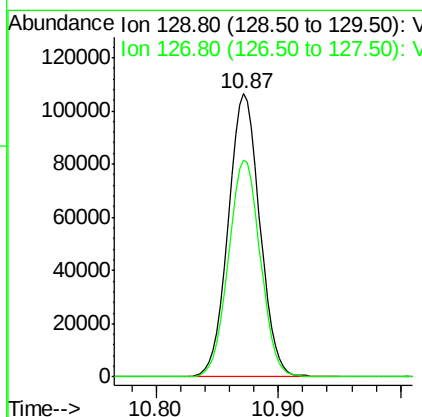
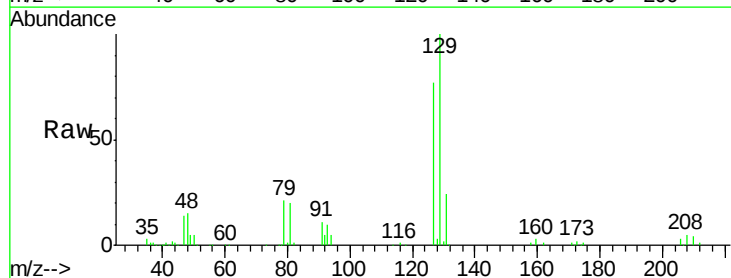
Manual Integrations
APPROVED

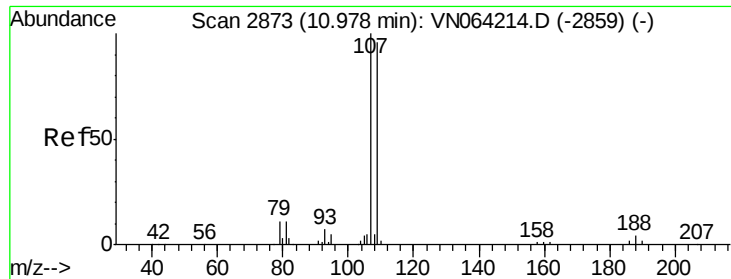
MMDadoda
10/23/2020 2:10:31 PM



#60
Dibromochloromethane
Concen: 54.606 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064237.D
Acq: 21 Oct 2020 23:56

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.3	38.8	116.3





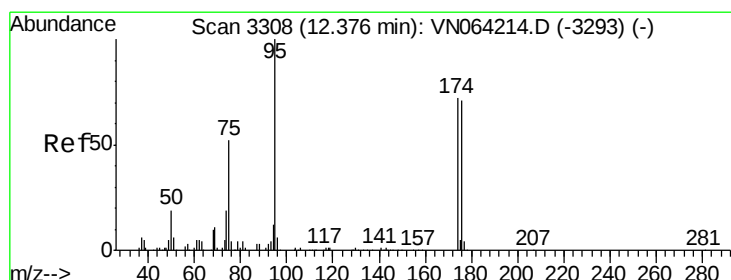
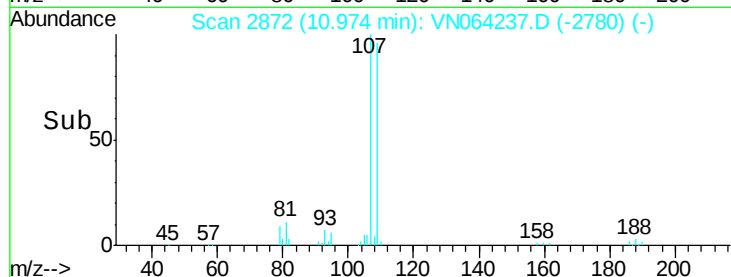
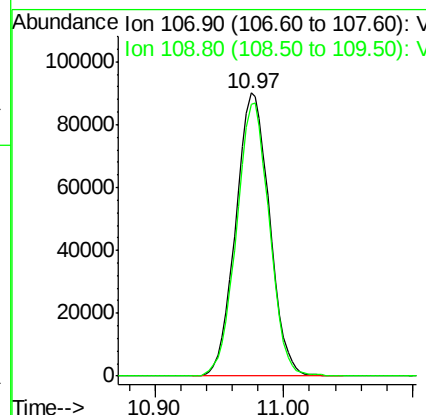
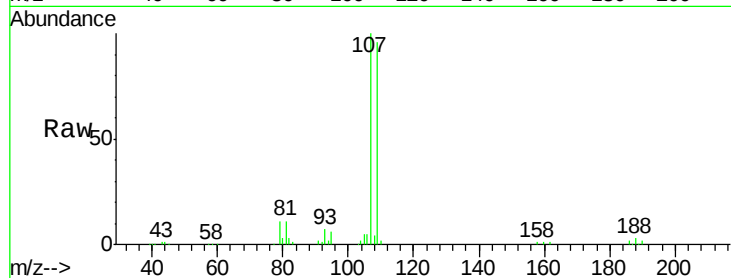
#61
 1,2-Dibromoethane
 Concen: 57.216 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN064237.D
 Acq: 21 Oct 2020 23:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.9	76.2	114.4

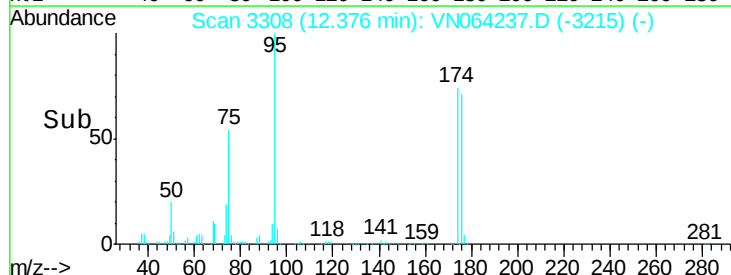
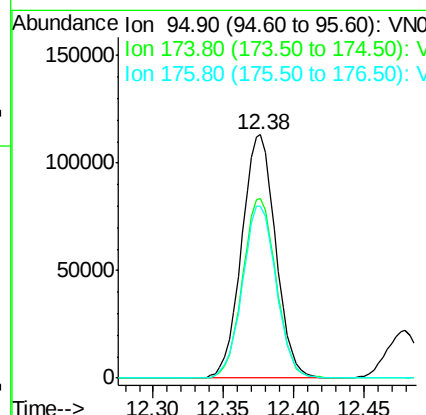
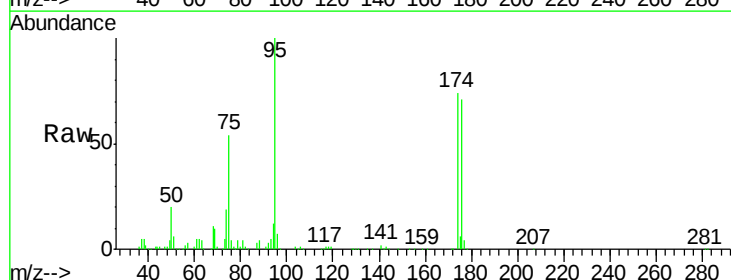
Manual Integrations
 APPROVED

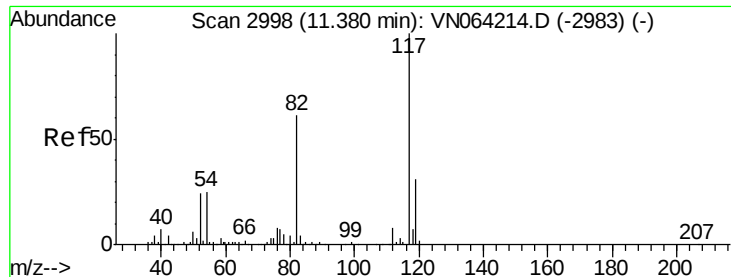
MMDadoda
 10/23/2020 2:10:31 PM



#62
 4-Bromofluorobenzene
 Concen: 47.927 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN064237.D
 Acq: 21 Oct 2020 23:56

Tgt Ion	Ratio	Lower	Upper
95	100		
174	72.7	0.0	144.4
176	70.1	0.0	139.2





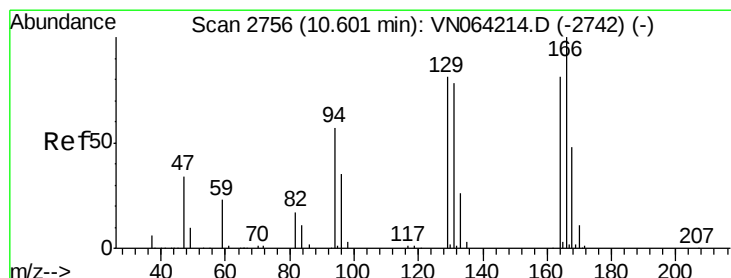
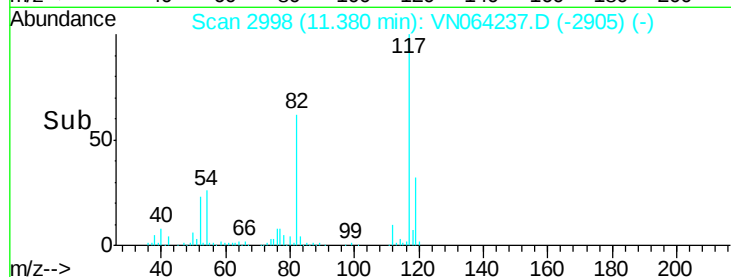
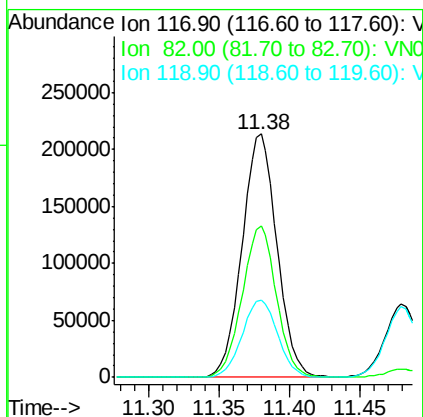
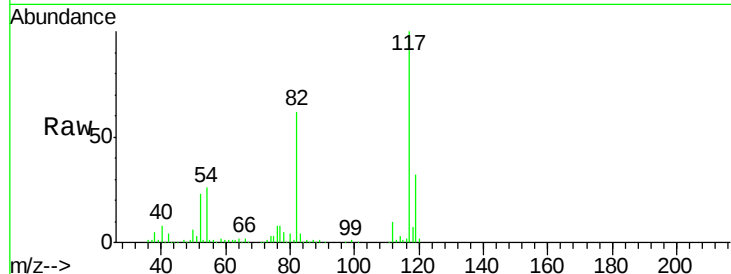
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064237.D
Acq: 21 Oct 2020 23:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	62.4	48.8	73.2
119	31.7	24.7	37.1

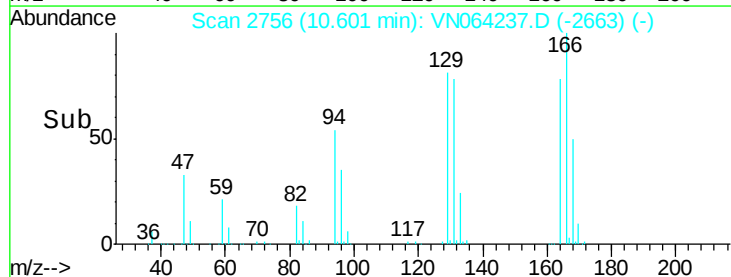
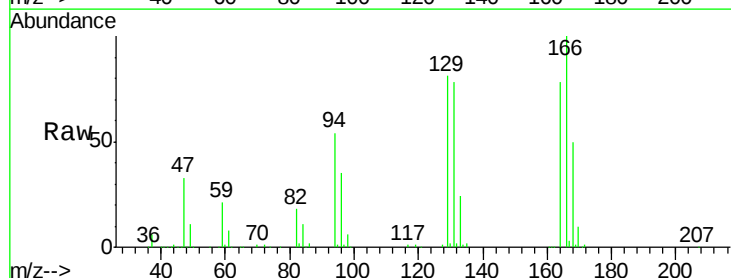
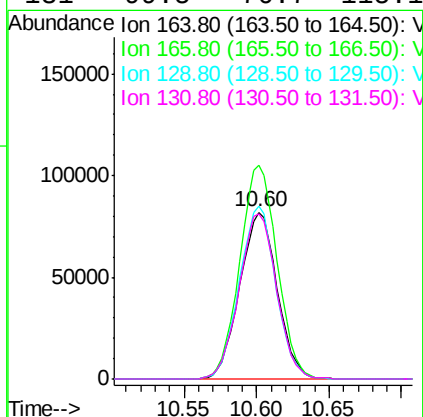
Manual Integrations
APPROVED

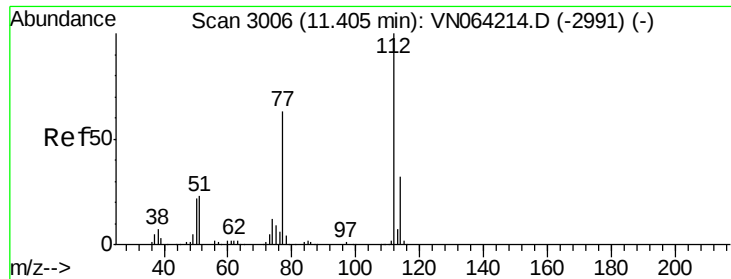
MMDadoda
10/23/2020 2:10:31 PM



#64
Tetrachloroethene
Concen: 49.566 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064237.D
Acq: 21 Oct 2020 23:56

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.3	98.9	148.3
129	104.1	79.9	119.9
131	99.5	76.7	115.1





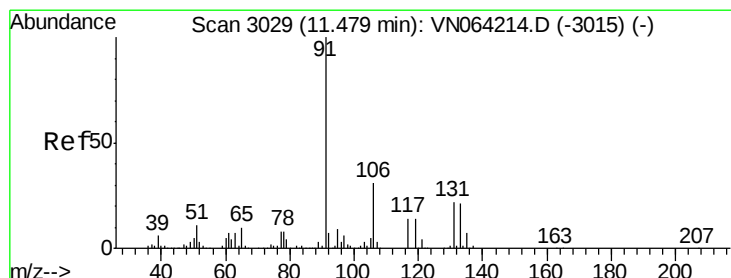
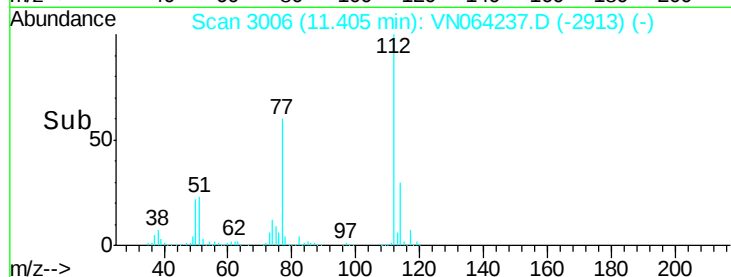
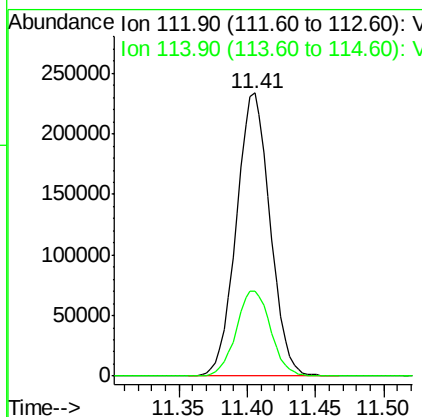
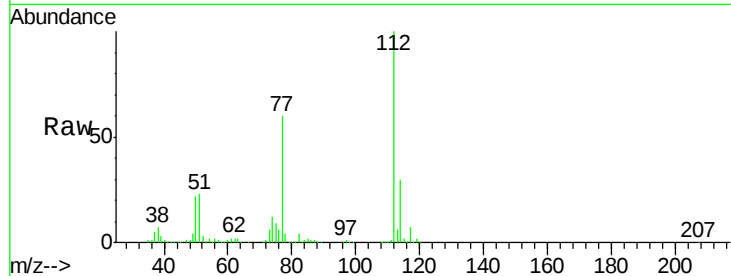
#65
Chlorobenzene
Concen: 52.539 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN064237.D
Acq: 21 Oct 2020 23:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 401762
Ion Ratio Lower Upper
112 100
114 30.0 25.7 38.5

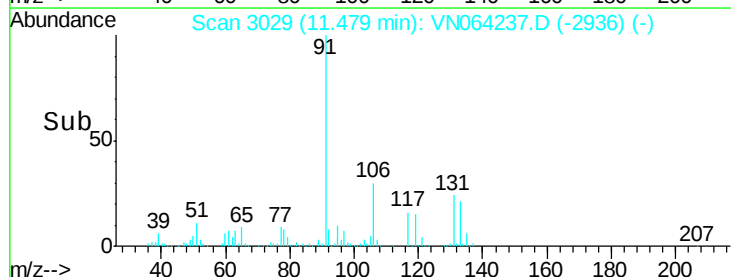
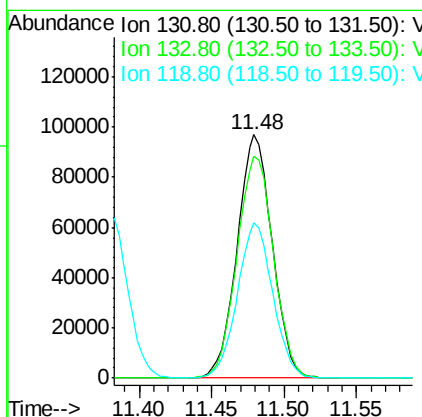
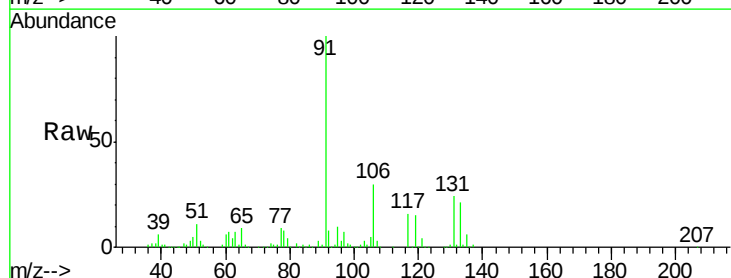
Manual Integrations
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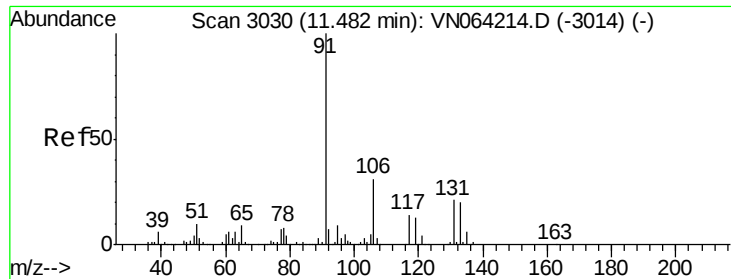
MMDadoda
10/23/2020 2:10:31 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 53.724 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064237.D
Acq: 21 Oct 2020 23:56

Tgt Ion:131 Resp: 163075
Ion Ratio Lower Upper
131 100
133 95.3 47.8 143.4
119 64.5 32.2 96.6





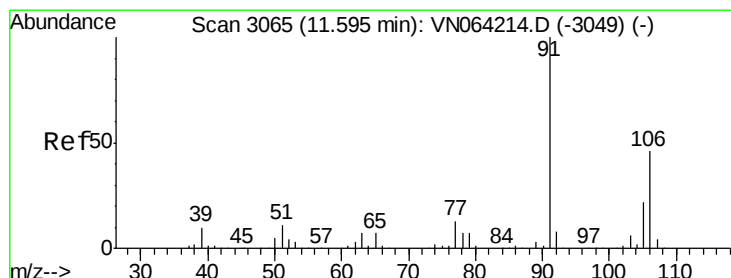
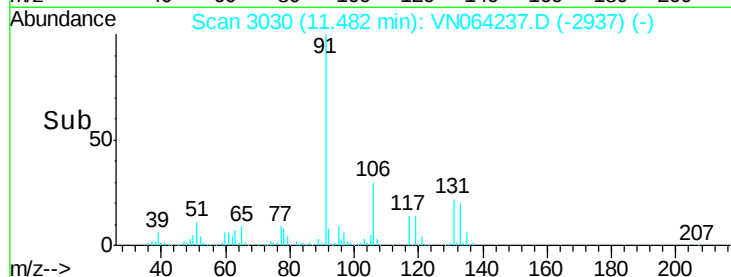
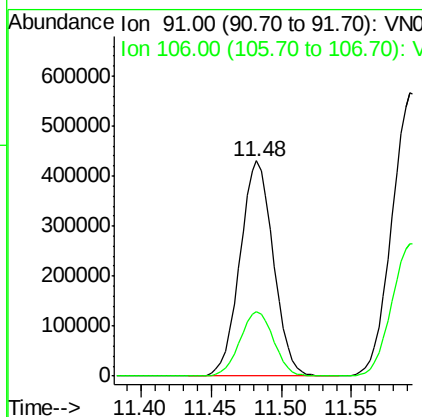
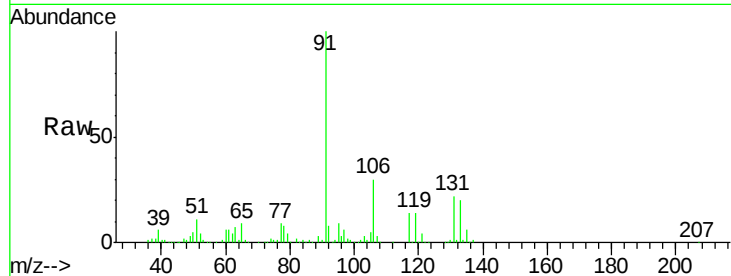
#67
Ethyl Benzene
Concen: 50.762 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064237.D
Acq: 21 Oct 2020 23:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 713386
Ion Ratio Lower Upper
91 100
106 30.0 24.8 37.2

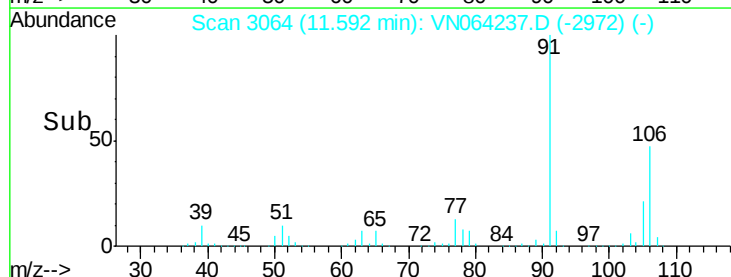
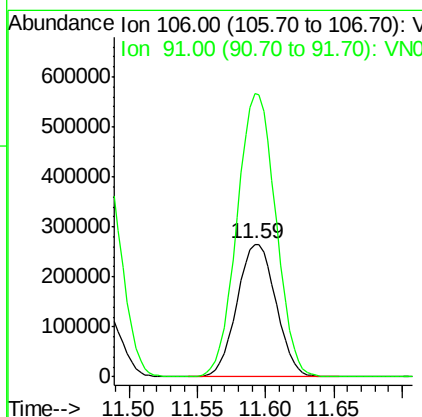
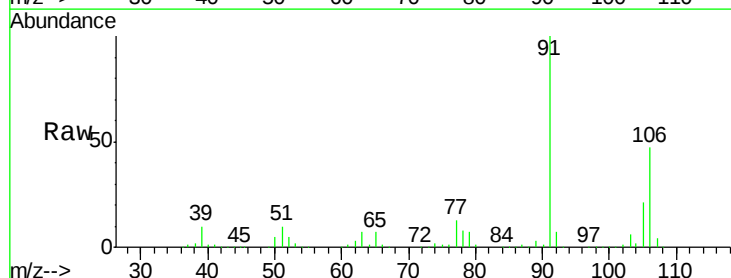
Manual Integrations
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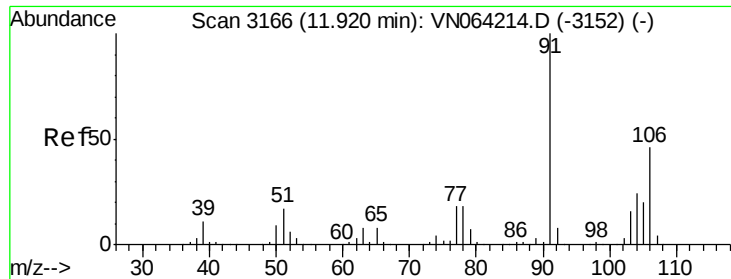
MMDadoda
10/23/2020 2:10:31 PM



#68
m/p-Xylenes
Concen: 100.856 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064237.D
Acq: 21 Oct 2020 23:56

Tgt Ion: 106 Resp: 525147
Ion Ratio Lower Upper
106 100
91 211.9 172.2 258.2





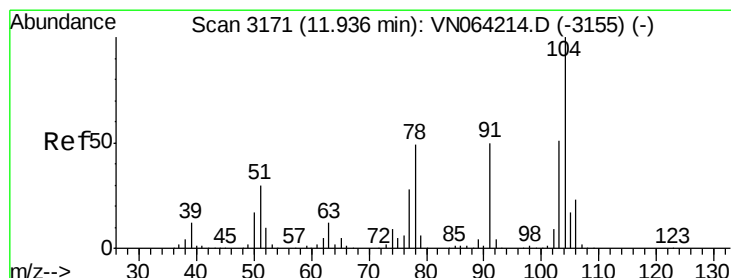
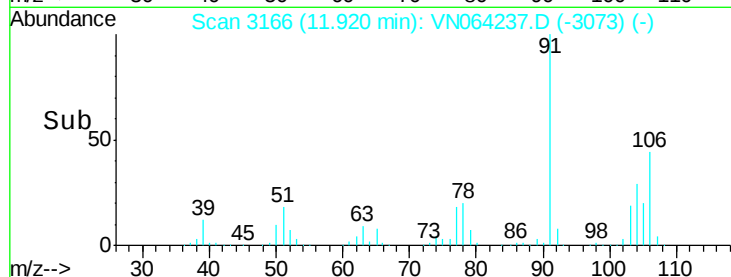
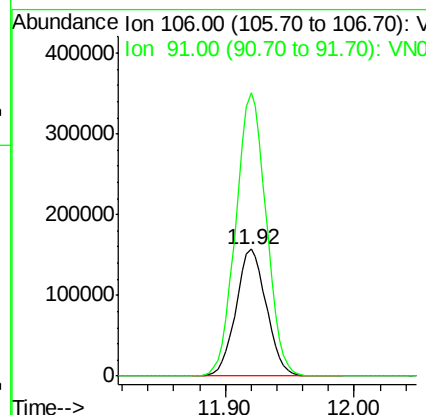
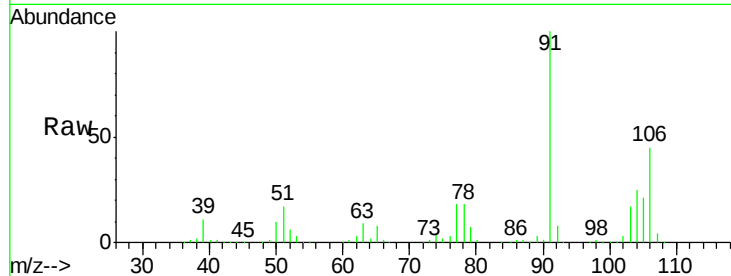
#69
o-Xylene
Concen: 51.223 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064237.D
Acq: 21 Oct 2020 23:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		257948		
91	222.8	109.9	329.6		

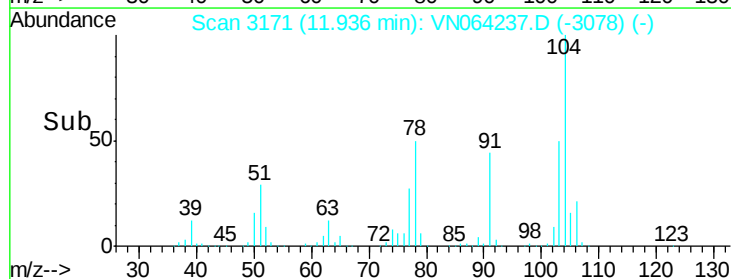
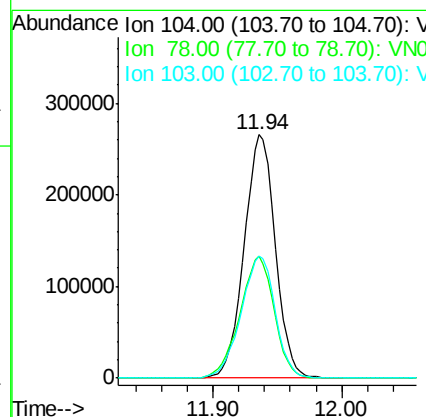
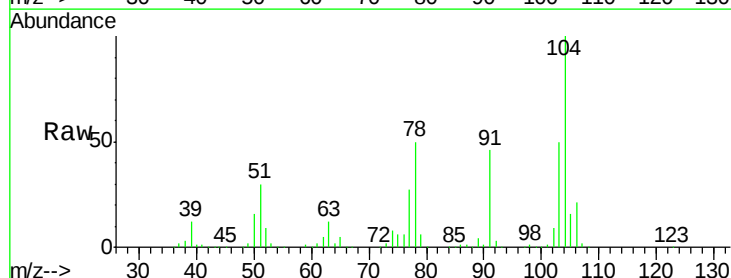
Manual Integrations
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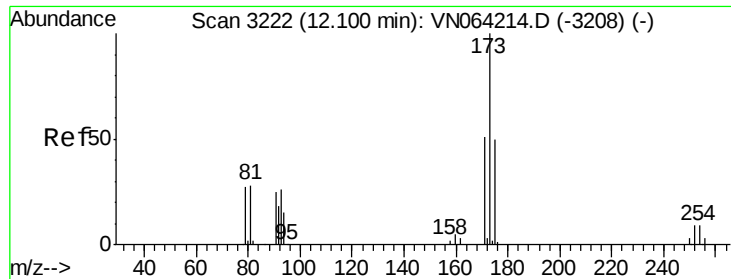
MMDadoda
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#70
Styrene
Concen: 52.931 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064237.D
Acq: 21 Oct 2020 23:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		446792		
78	55.0	43.8	65.6		
103	54.7	43.4	65.2		





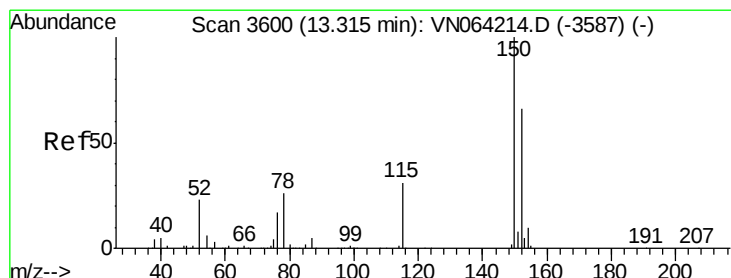
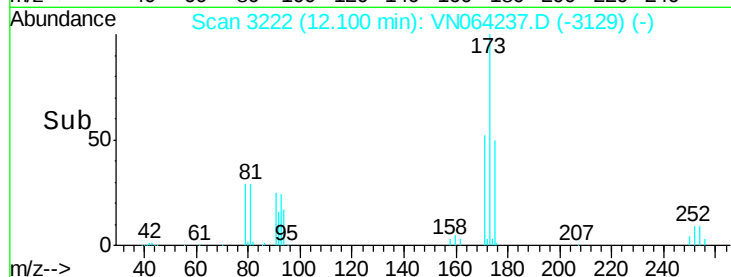
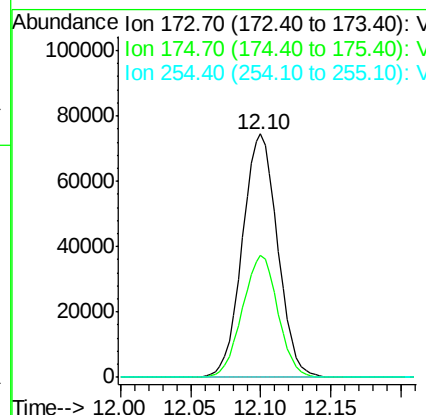
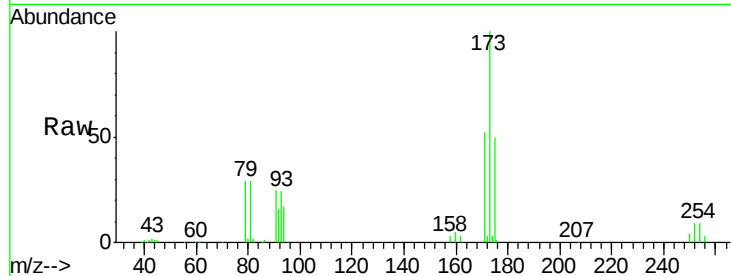
#71
Bromoform
Concen: 55.559 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN064237.D
Acq: 21 Oct 2020 23:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.3	25.1	75.3
254	0.0	0.0	0.0

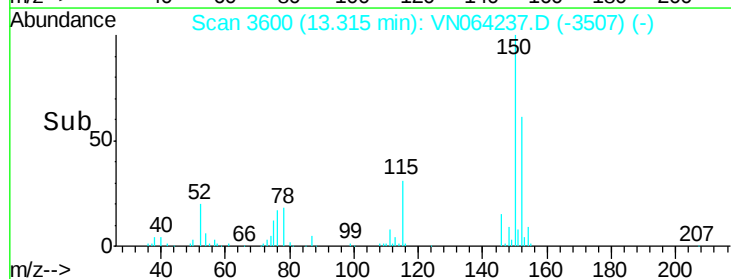
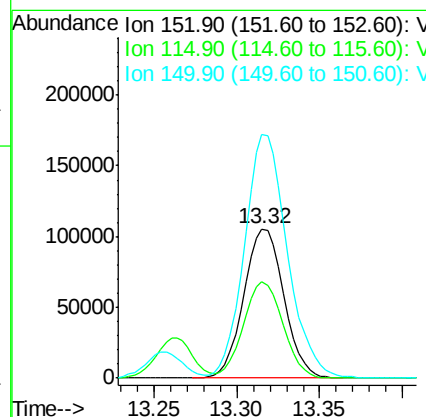
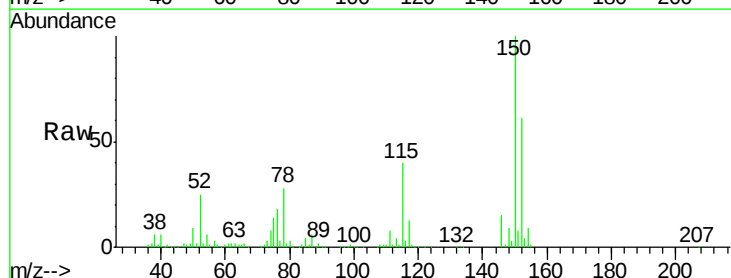
Manual Integrations
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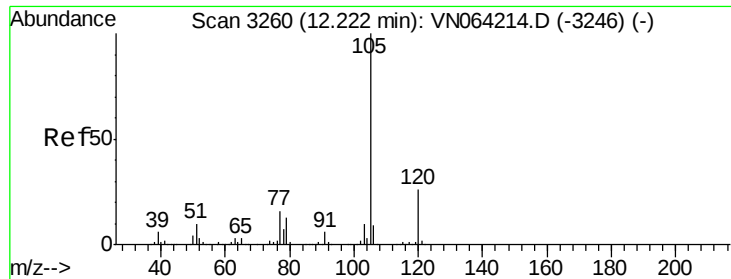
MMDadoda
10/23/2020 2:10:31 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064237.D
Acq: 21 Oct 2020 23:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.1	32.0	96.2
150	174.0	0.0	356.6





#73

Isopropylbenzene

Concen: 48.944 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064237.D

Acq: 21 Oct 2020 23:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 661933

Ion Ratio Lower Upper

105 100

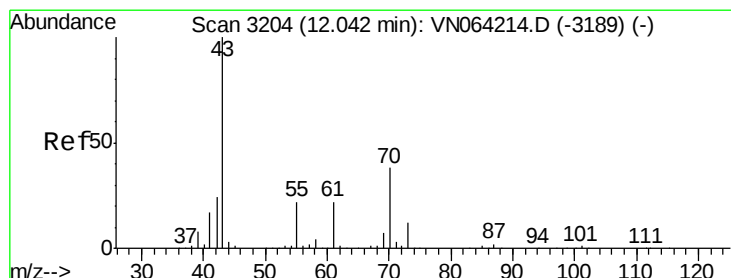
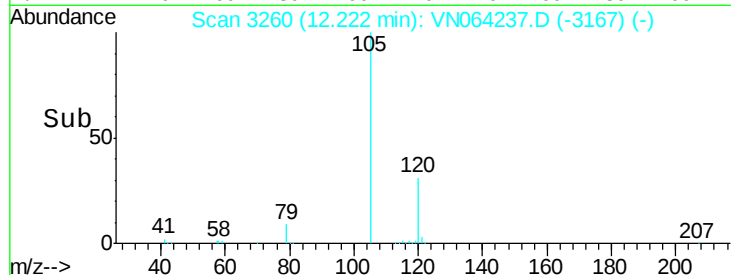
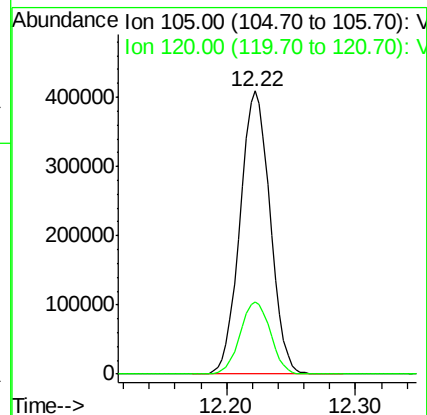
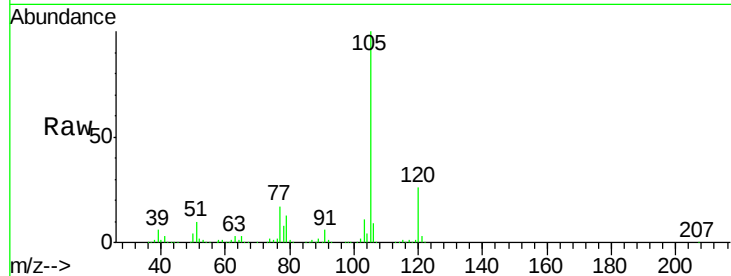
120 25.8 12.9 38.7

Manual Integrations

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MMDadoda

10/23/2020 2:10:31 PM



#74

N-ethyl acetate

Concen: 56.390 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064237.D

Acq: 21 Oct 2020 23:56

Tgt Ion: 43 Resp: 329533

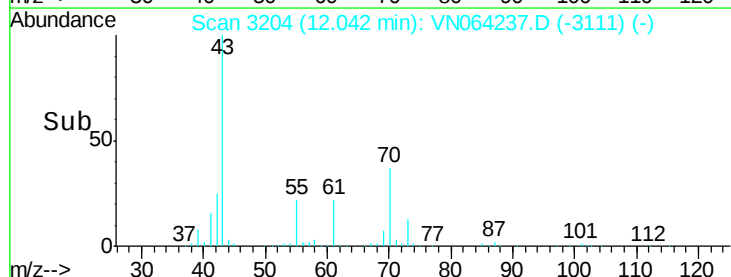
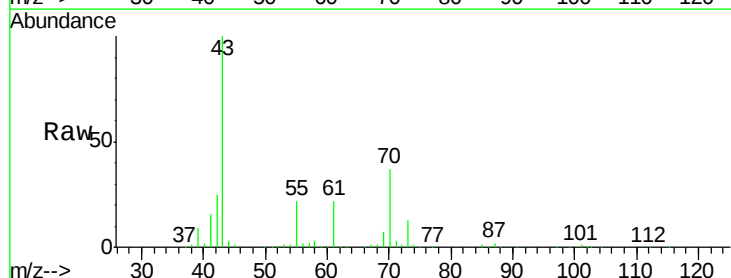
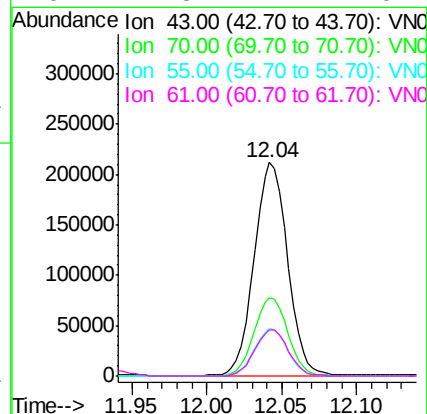
Ion Ratio Lower Upper

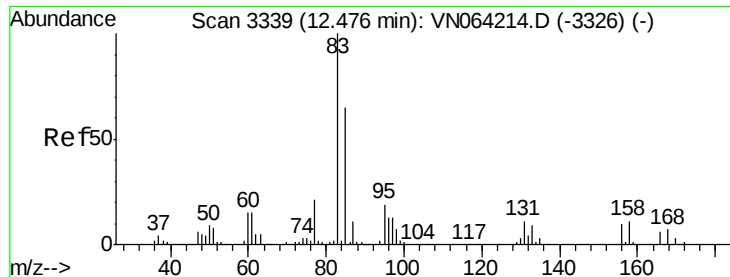
43 100

70 37.3 30.2 45.4

55 22.5 18.0 27.0

61 21.8 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 55.593 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064237.D

Acq: 21 Oct 2020 23:56

Instrument :

MSVOA_N

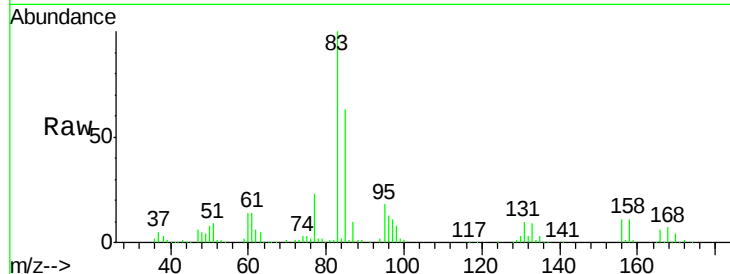
ClientSampleId :

VSTDCCC050

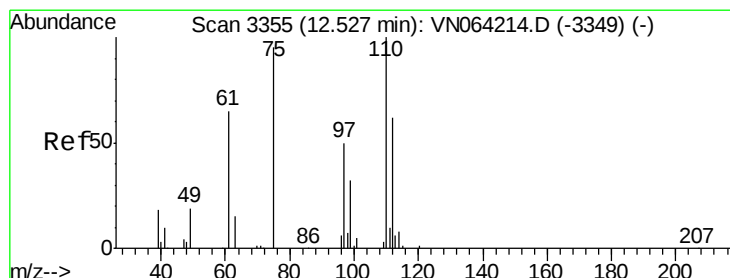
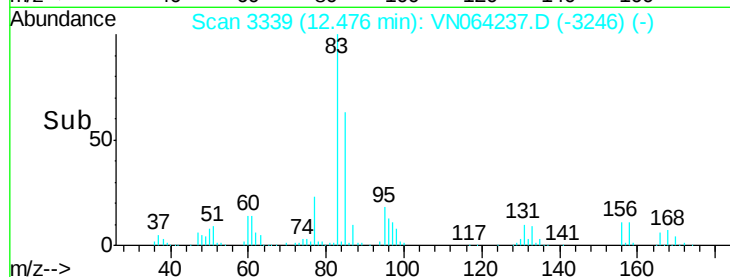
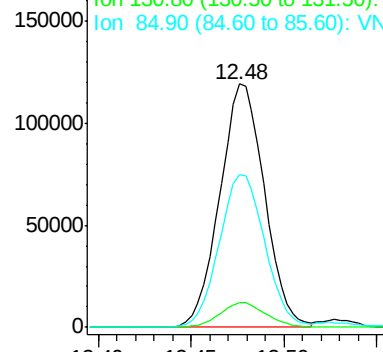
Tot Ion:	83	Resp:	199520
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.5	16.7
85	64.1	32.4	97.0

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Abundance Ion 82.90 (82.60 to 83.60): VN064237.D (-3246) (-)



#76

1,2,3-Trichloropropane

Concen: 50.875 ug/l m

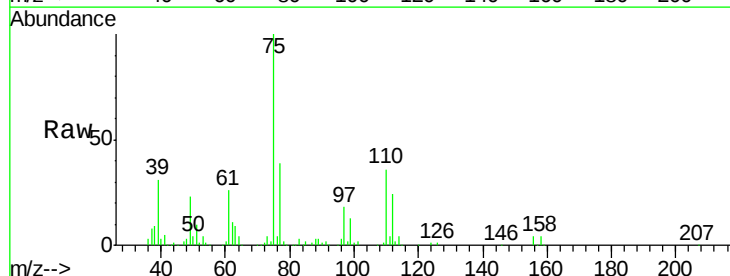
RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

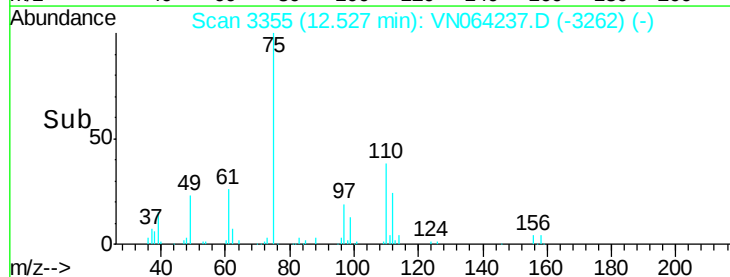
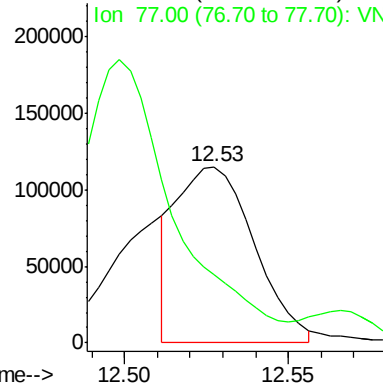
Lab File: VN064237.D

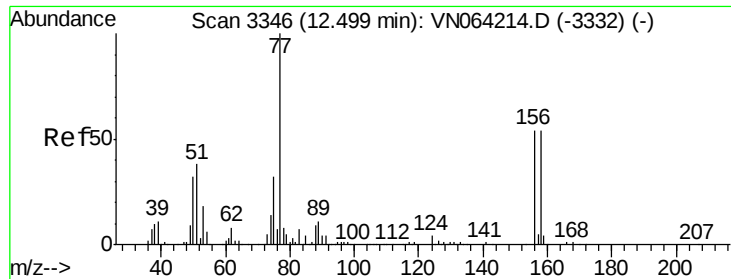
Acq: 21 Oct 2020 23:56

Tgt Ion:	75	Resp:	190184
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064237.D (-3262) (-)





#77

Bromobenzene

Concen: 53.622 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064237.D

Acq: 21 Oct 2020 23:56

Instrument :

MSVOA_N

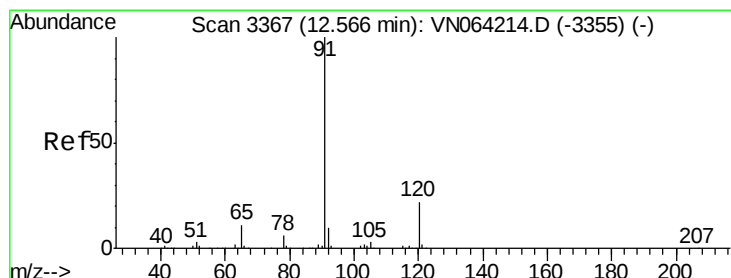
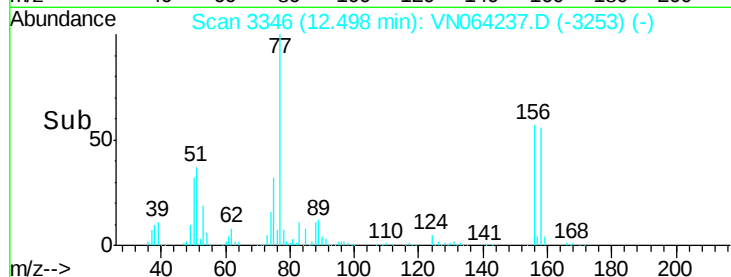
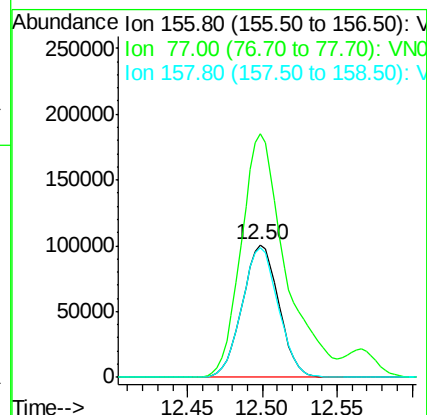
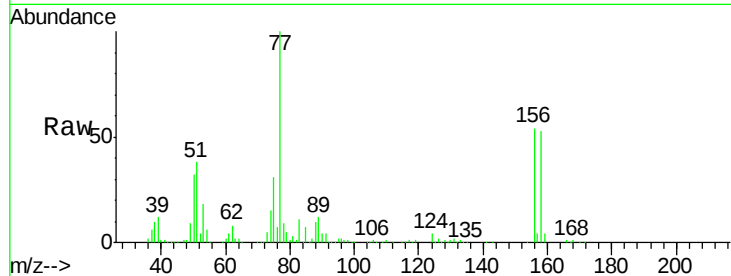
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	222.5	111.1	333.4
158	97.8	50.0	150.1

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#78

n-propylbenzene

Concen: 49.452 ug/l

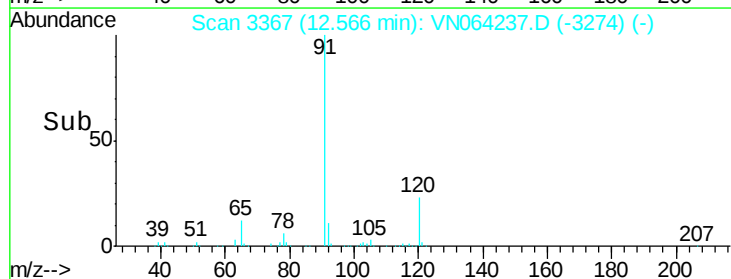
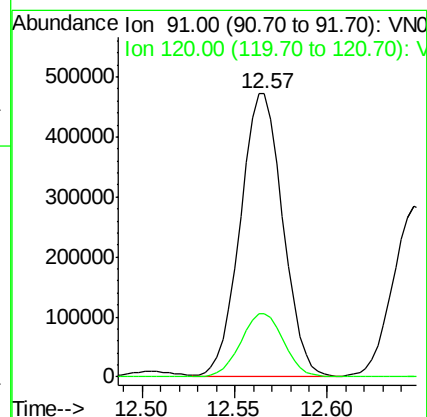
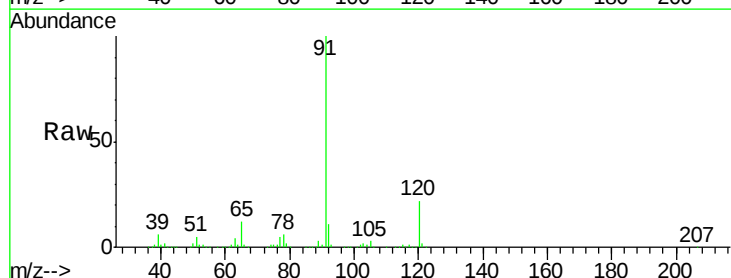
RT: 12.57 min Scan# 3367

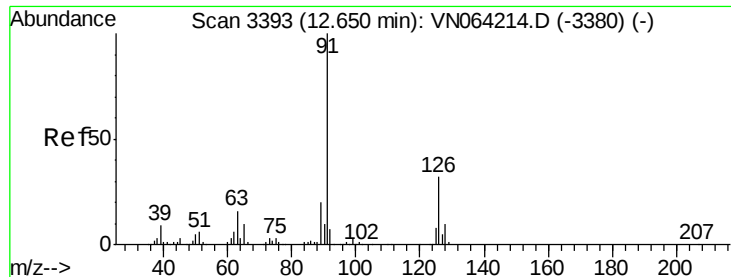
Delta R.T. -0.00 min

Lab File: VN064237.D

Acq: 21 Oct 2020 23:56

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.1	33.1





#79

2-Chlorotoluene

Concen: 51.043 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064237.D

Acq: 21 Oct 2020 23:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 478072

Ion Ratio Lower Upper

91 100

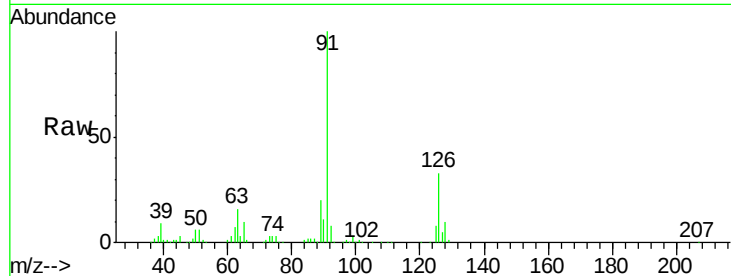
126 32.1 16.0 48.0

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Abundance Ion 91.00 (90.70 to 91.70): VN064237.D (-3392) (-)

Ion 125.90 (125.60 to 126.60): VN064237.D (-3392) (-)

500000

400000

300000

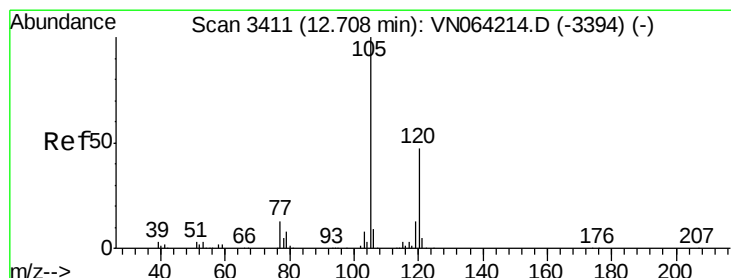
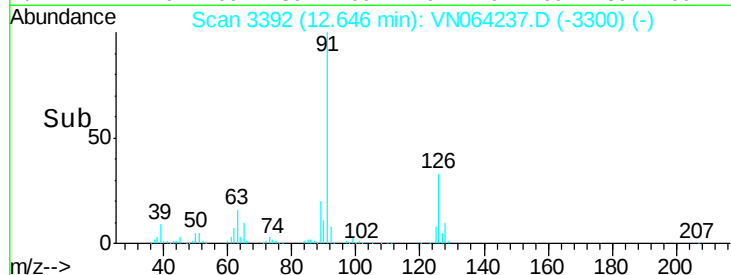
200000

100000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 50.009 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064237.D

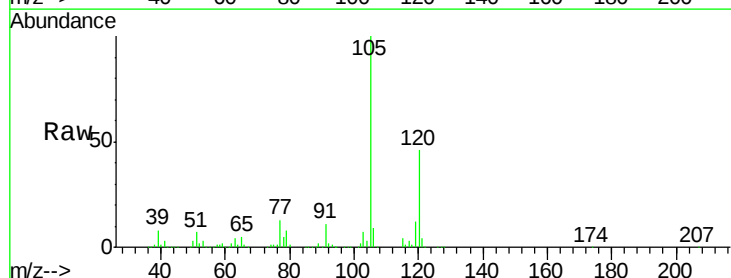
Acq: 21 Oct 2020 23:56

Tgt Ion: 105 Resp: 571786

Ion Ratio Lower Upper

105 100

120 46.2 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): VN064237.D (-3318) (-)

Ion 120.00 (119.70 to 120.70): VN064237.D (-3318) (-)

400000

300000

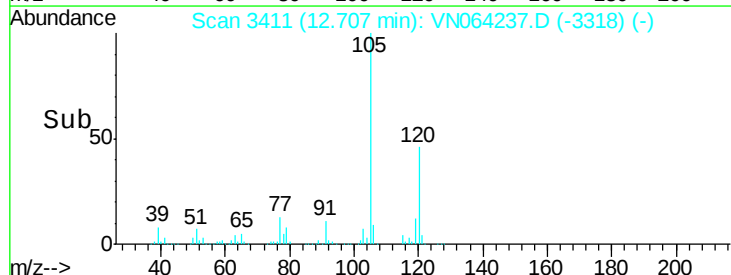
200000

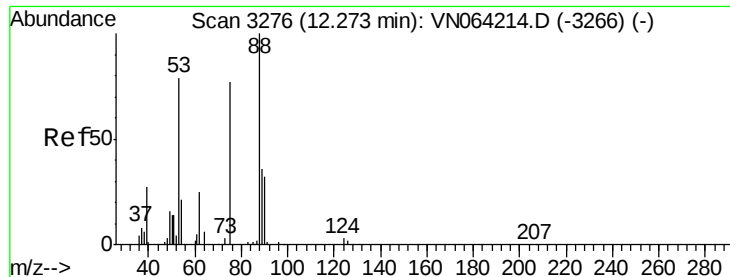
100000

0

12.70 12.71 12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 52.311 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064237.D

Acq: 21 Oct 2020 23:56

Instrument :

MSVOA_N

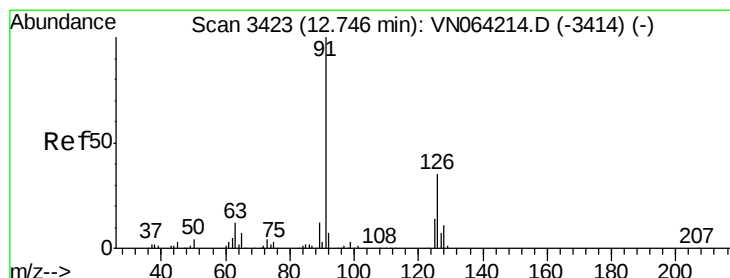
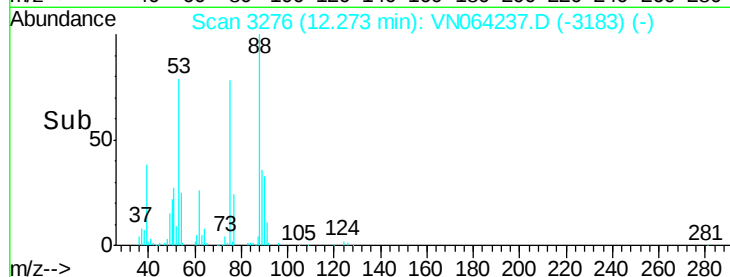
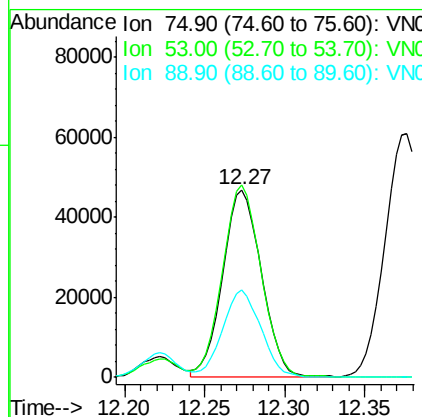
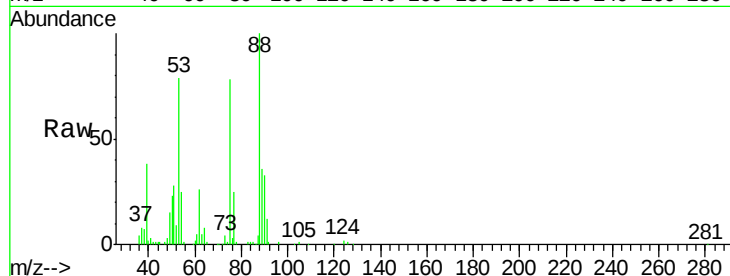
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	77455
Ion	Ratio	Lower	Upper
75	100		
53	102.9	81.0	121.4
89	46.0	38.7	58.1

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#82

4-Chlorotoluene

Concen: 51.887 ug/l

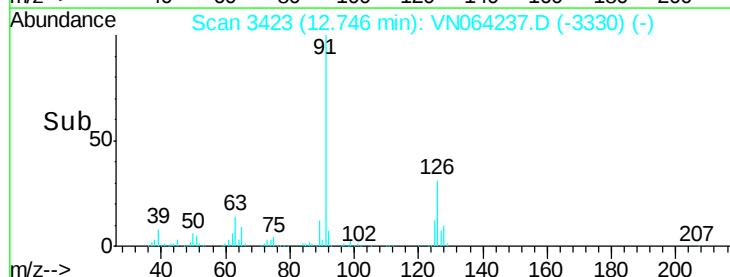
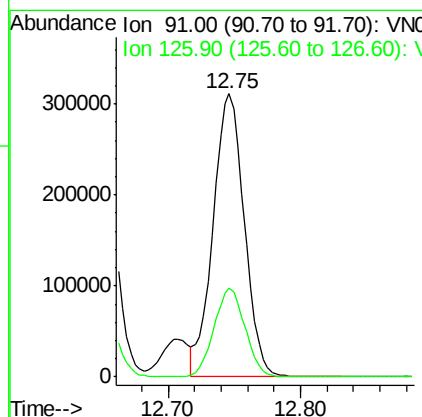
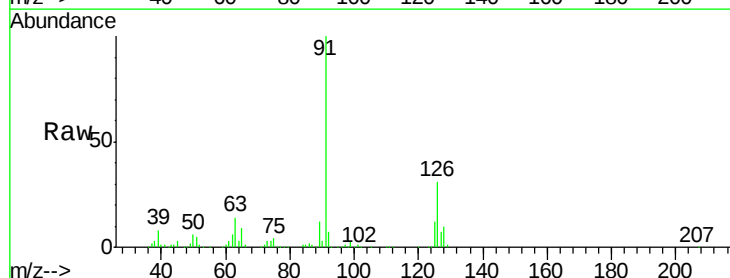
RT: 12.75 min Scan# 3423

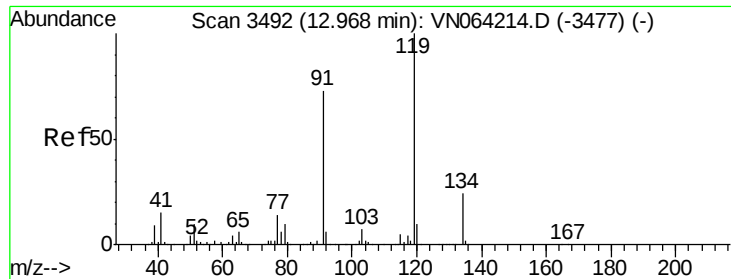
Delta R.T. -0.00 min

Lab File: VN064237.D

Acq: 21 Oct 2020 23:56

Tgt Ion:	91	Resp:	506929
Ion	Ratio	Lower	Upper
91	100		
126	31.3	15.8	47.3





#83

tert-Butylbenzene

Concen: 48.480 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. -0.00 min

Lab File: VN064237.D

Acq: 21 Oct 2020 23:56

Instrument :

MSVOA_N

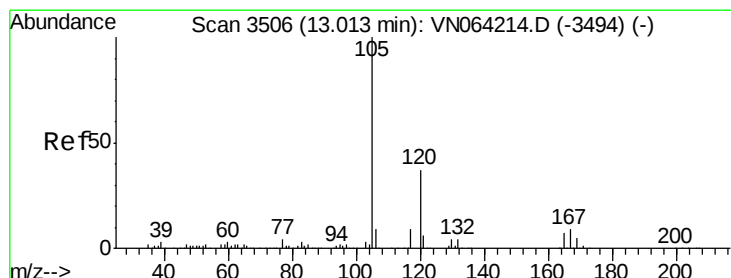
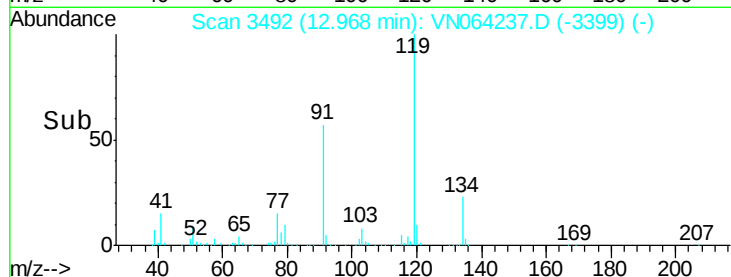
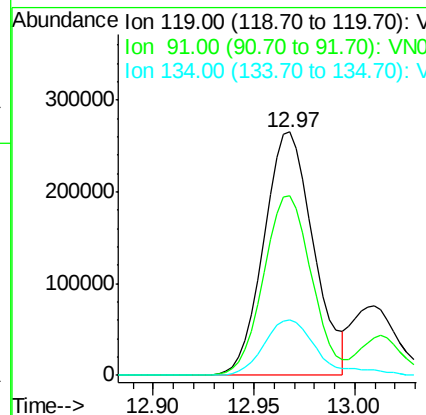
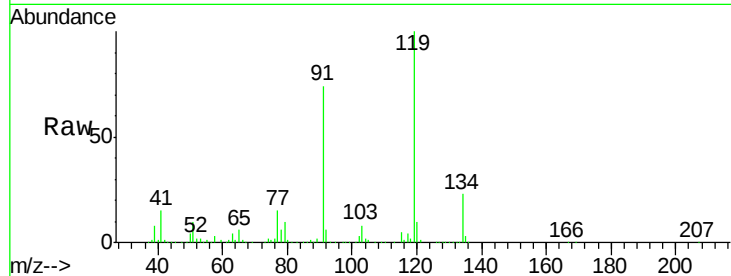
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	71.3	35.1	105.3
134	24.6	11.6	34.8

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#84

1,2,4-Trimethylbenzene

Concen: 51.130 ug/l

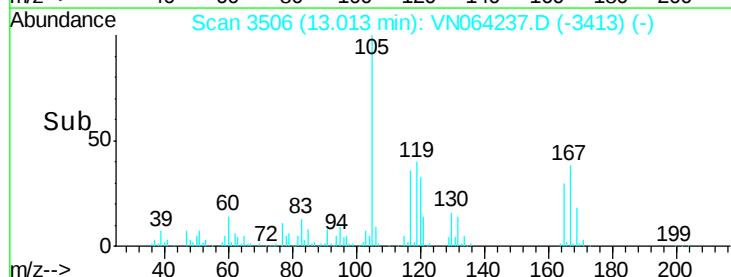
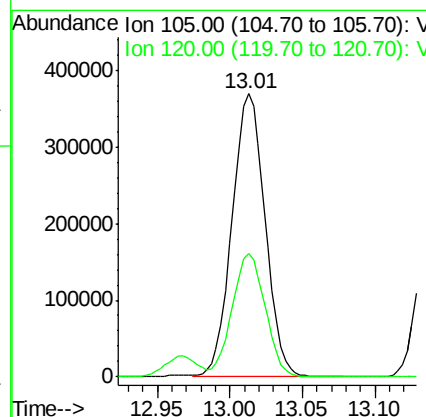
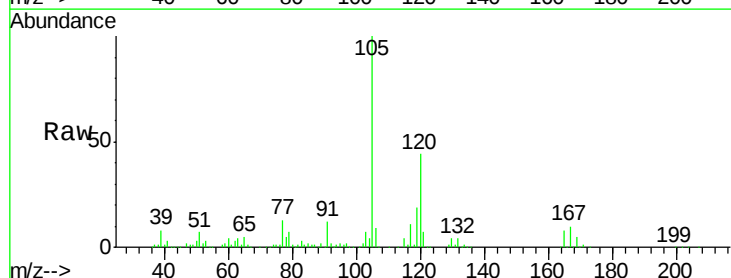
RT: 13.01 min Scan# 3506

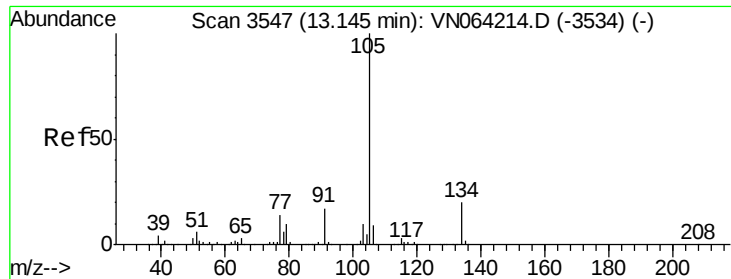
Delta R.T. -0.00 min

Lab File: VN064237.D

Acq: 21 Oct 2020 23:56

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.9	21.5	64.5





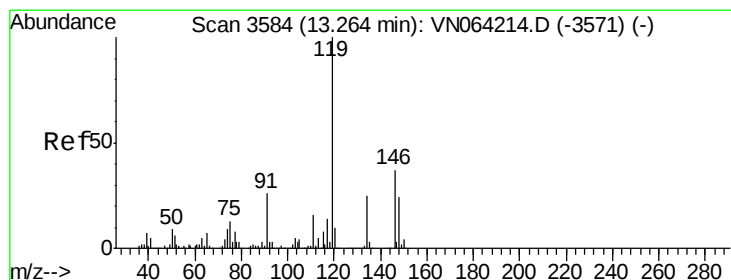
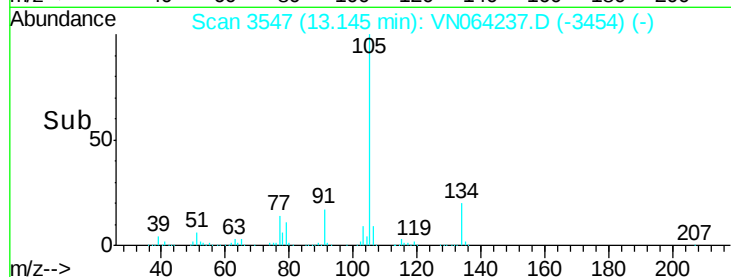
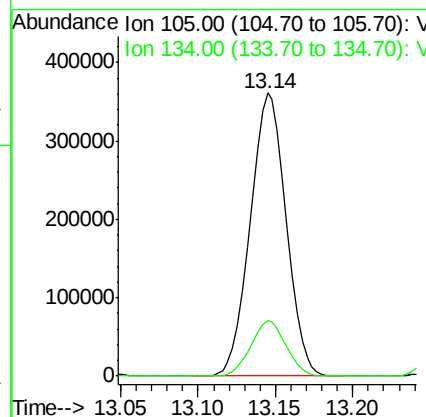
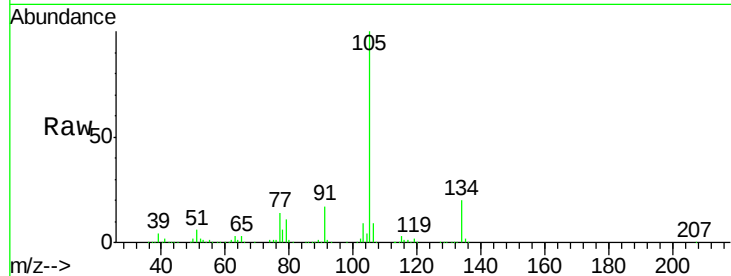
#85
 sec-Butylbenzene
 Concen: 49.117 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064237.D
 Acq: 21 Oct 2020 23:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.2	9.7	29.1

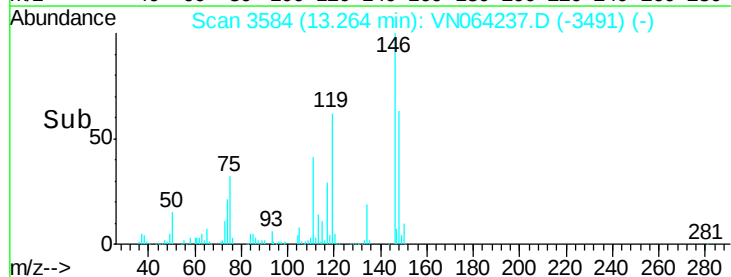
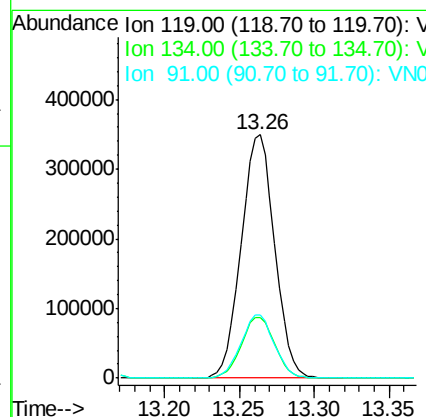
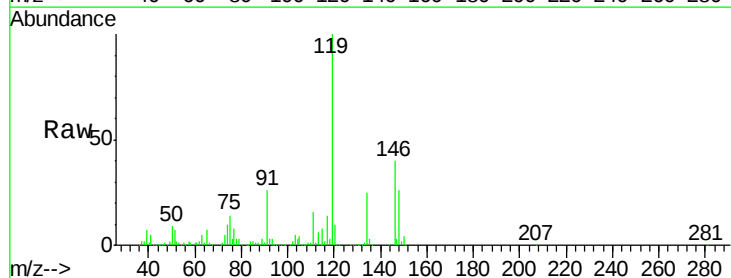
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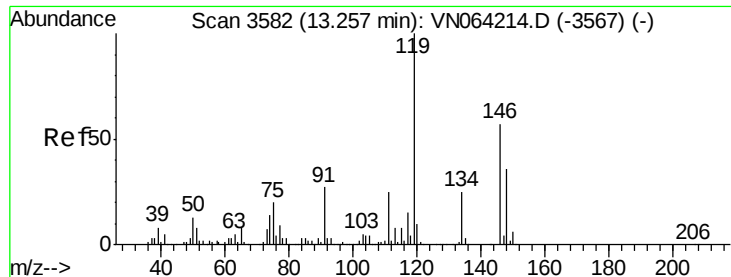
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#86
 p-Isopropyltoluene
 Concen: 50.287 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN064237.D
 Acq: 21 Oct 2020 23:56

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.2	13.1	39.3
91	26.1	13.4	40.2





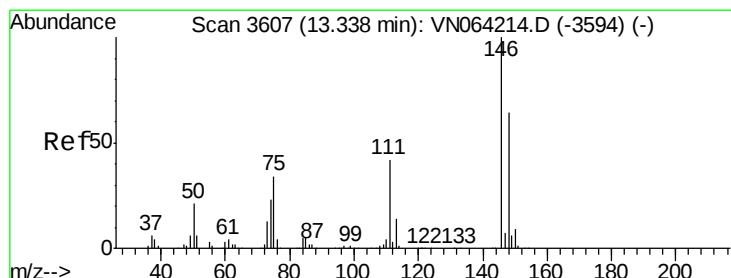
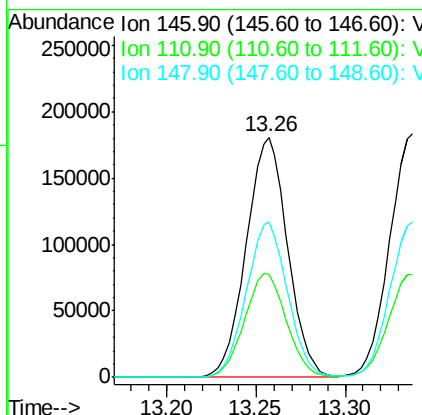
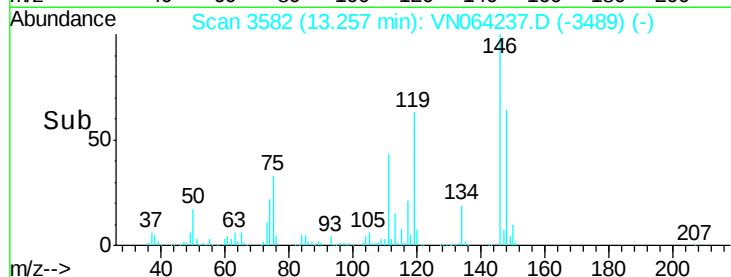
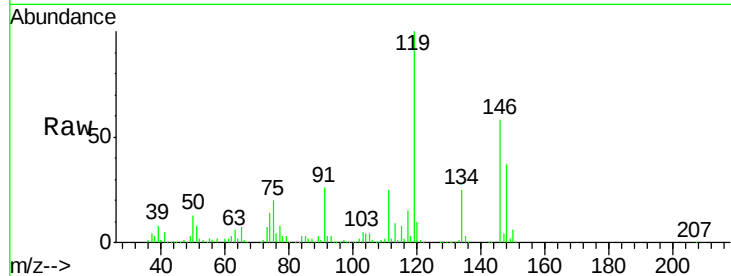
#87
 1,3-Dichlorobenzene
 Concen: 51.719 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN064237.D
 Acq: 21 Oct 2020 23:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	293822		
111	43.8	21.6	65.0	
148	64.4	31.7	95.1	

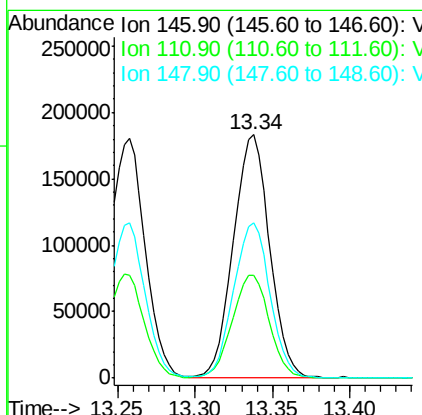
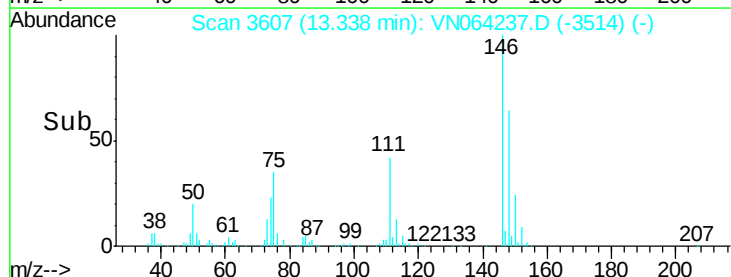
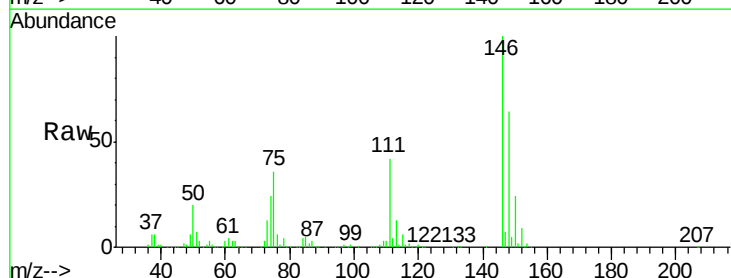
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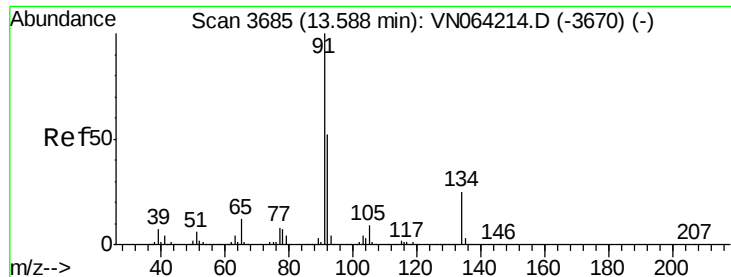
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#88
 1,4-Dichlorobenzene
 Concen: 51.131 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN064237.D
 Acq: 21 Oct 2020 23:56

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	297322		
111	43.5	21.5	64.5	
148	64.3	32.0	96.0	





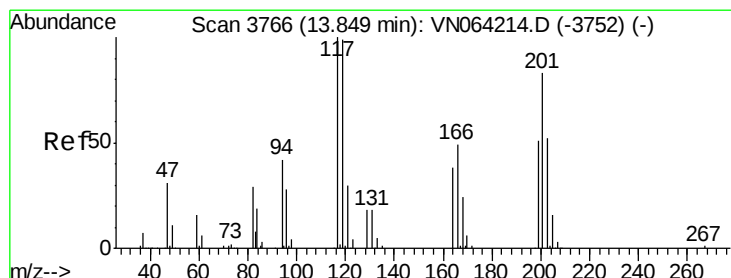
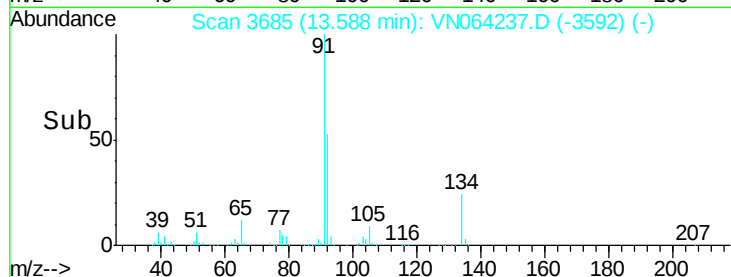
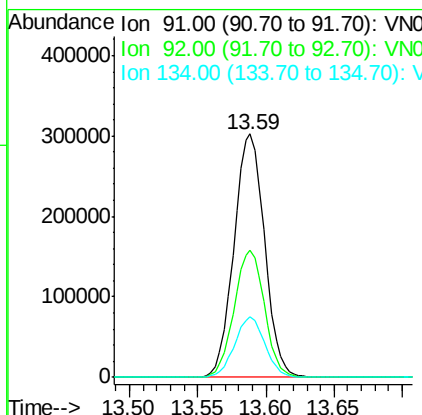
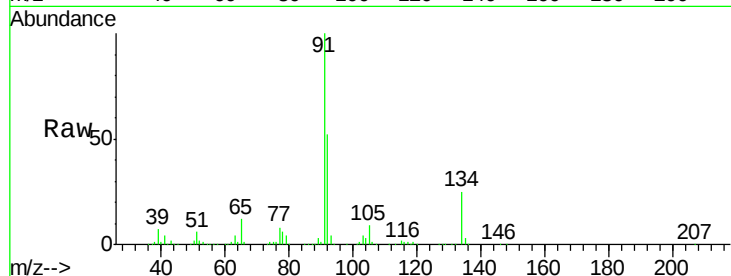
#89
n-Butylbenzene
Concen: 48.832 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064237.D
Acq: 21 Oct 2020 23:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.8	25.7	77.0
134	24.7	12.3	36.8

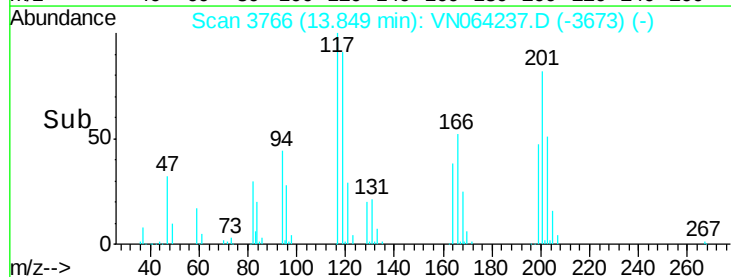
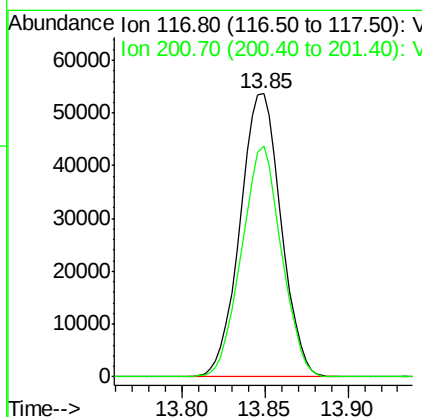
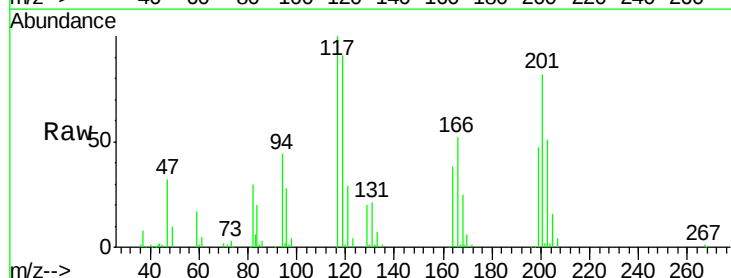
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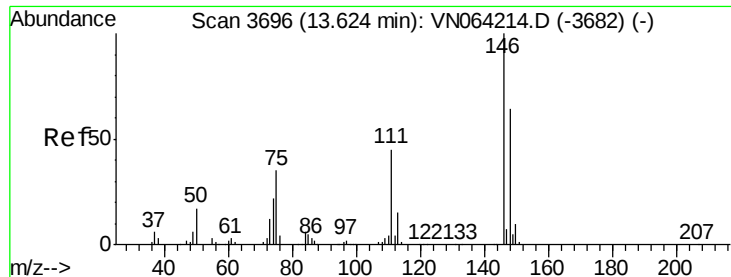
MMDadoda
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#90
Hexachloroethane
Concen: 47.309 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN064237.D
Acq: 21 Oct 2020 23:56

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.0	40.1	120.3





#91

1,2-Dichlorobenzene

Concen: 52.296 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN064237.D

Acq: 21 Oct 2020 23:56

Instrument :

MSVOA_N

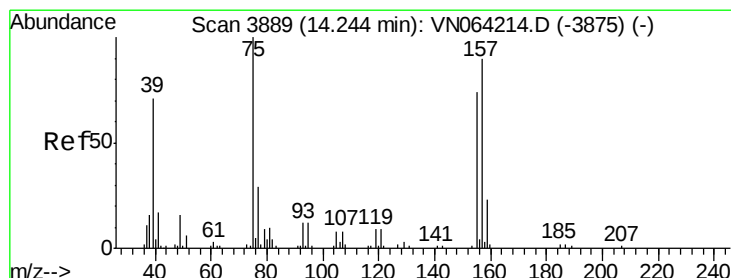
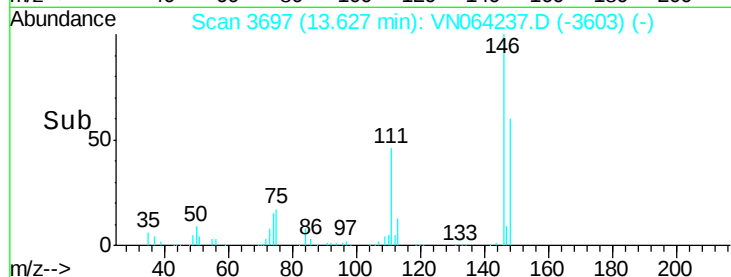
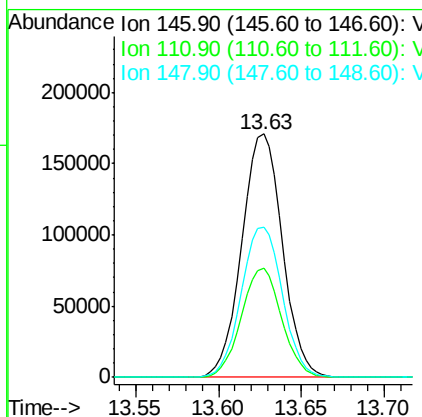
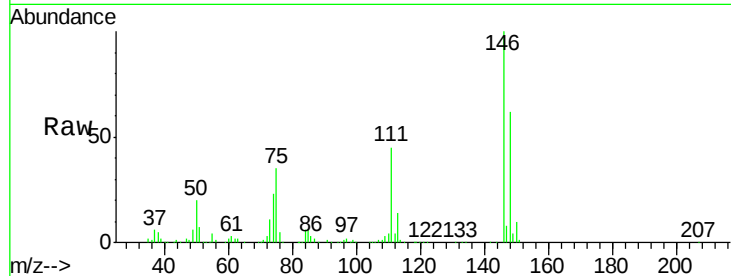
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	291466
Ion Ratio	Lower	Upper	
146	100		
111	44.8	22.9	68.7
148	62.7	31.9	95.5

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 54.199 ug/l

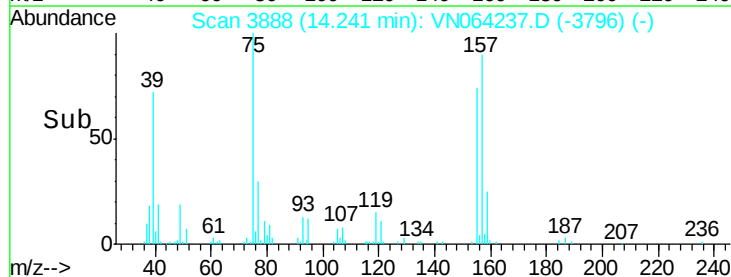
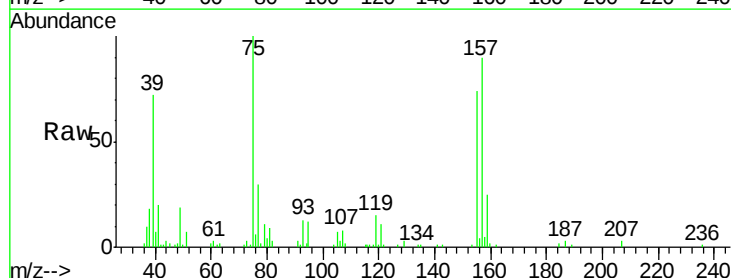
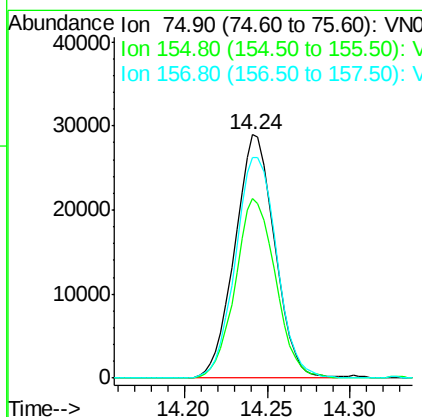
RT: 14.24 min Scan# 3888

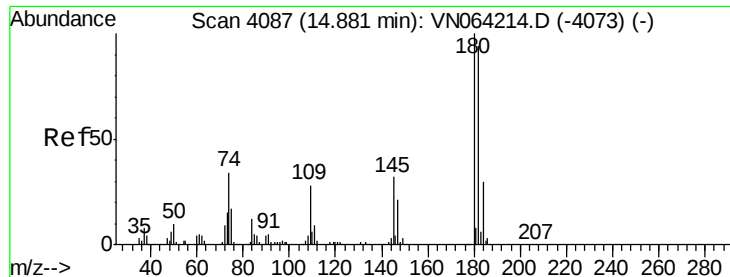
Delta R.T. -0.00 min

Lab File: VN064237.D

Acq: 21 Oct 2020 23:56

Tgt Ion:	75	Resp:	48528
Ion Ratio	Lower	Upper	
75	100		
155	74.4	36.9	110.7
157	93.7	44.6	133.8





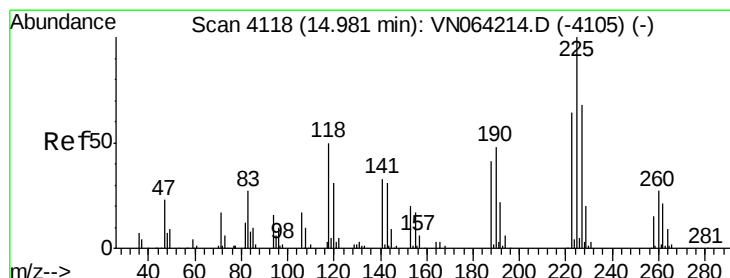
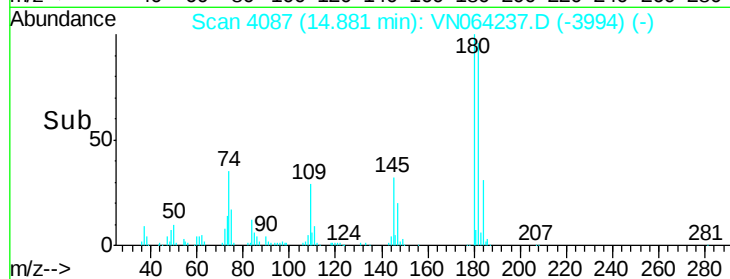
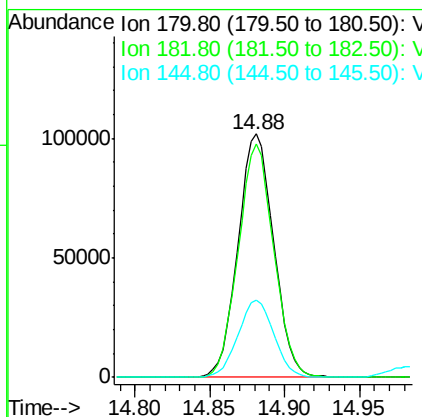
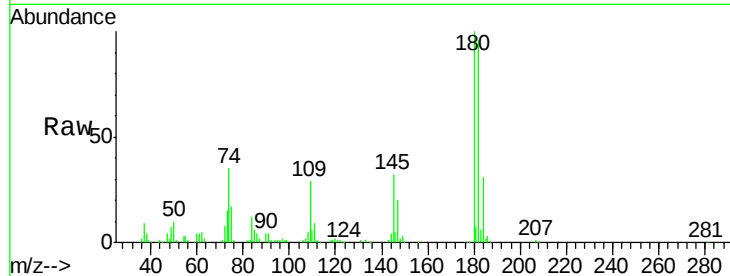
#93
 1,2,4-Trichlorobenzene
 Concen: 54.069 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN064237.D
 Acq: 21 Oct 2020 23:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	169013		
182	95.5	46.9	140.7	
145	31.7	16.1	48.3	

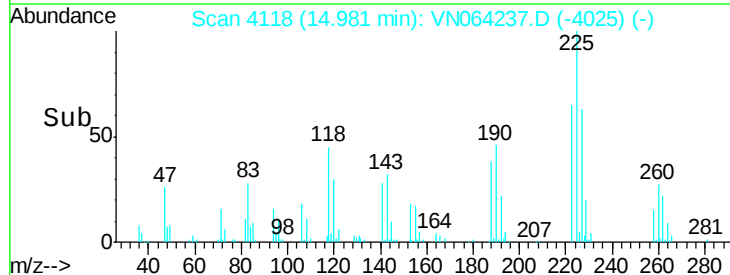
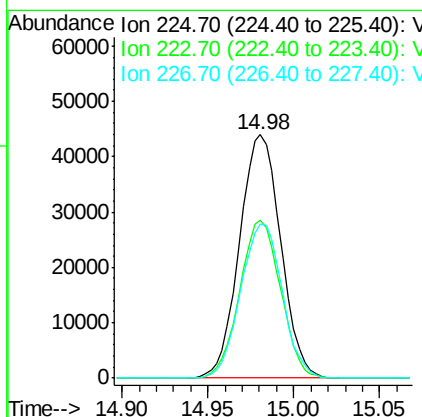
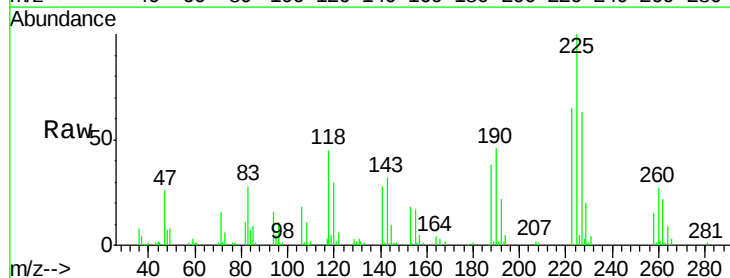
Manual Integrations
 APPROVED

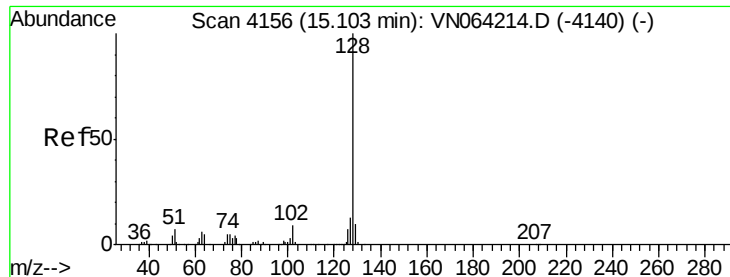
MMDadoda
 10/23/2020 2:10:31 PM



#94
 Hexachlorobutadiene
 Concen: 43.347 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064237.D
 Acq: 21 Oct 2020 23:56

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	73081		
223	64.3	31.5	94.5	
227	64.0	32.1	96.5	





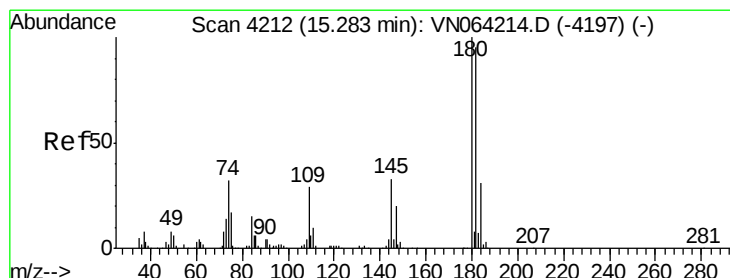
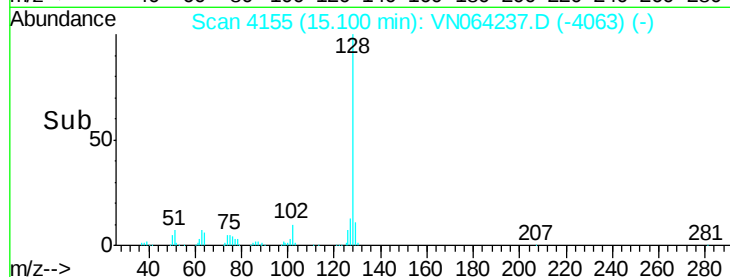
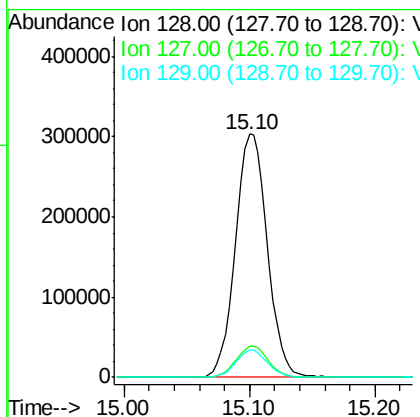
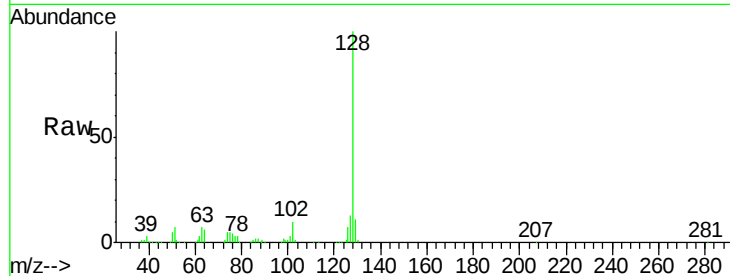
#95
Naphthalene
Concen: 57.189 ug/l
RT: 15.10 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN064237.D
Acq: 21 Oct 2020 23:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp Lower	Resp Upper
128	100		
127	12.8	10.5	15.7
129	11.1	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
10/23/2020 2:10:31 PM



#96
1,2,3-Trichlorobenzene
Concen: 52.314 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN064237.D
Acq: 21 Oct 2020 23:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.5	48.0	144.2
145	35.0	17.1	51.3

