

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102120\
 Data File : VN064250.D
 Acq On : 22 Oct 2020 6:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/23/2020 2:11:07 PM

Quant Time: Oct 22 06:35:24 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	7.63	168	262353	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	444870	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	413125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	201762	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	207553	53.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.54%	
35) Dibromofluoromethane	7.55	113	149527	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
50) Toluene-d8	10.06	98	544274	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
62) 4-Bromofluorobenzene	12.37	95	217038	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	168463	52.521	ug/l	96
3) Chloromethane	2.04	50	168916	55.707	ug/l	99
4) Vinyl Chloride	2.16	62	164273	54.644	ug/l	94
5) Bromomethane	2.52	94	102563	52.341	ug/l	100
6) Chloroethane	2.67	64	97356	53.198	ug/l	97
7) Trichlorofluoromethane	2.98	101	273360	55.295	ug/l	97
8) Diethyl Ether	3.38	74	88439	54.080	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	132519	51.838	ug/l	98
10) Methyl Iodide	3.91	142	188870	51.954	ug/l	96
11) Tert butyl alcohol	4.73	59	158953	304.777	ug/l	98
12) 1,1-Dichloroethene	3.69	96	132828	54.020	ug/l	99
13) Acrolein	3.56	56	62088	189.648	ug/l	99
14) Allyl chloride	4.28	41	241014	48.974	ug/l	94
15) Acrylonitrile	4.93	53	321782	298.375	ug/l	98
16) Acetone	3.78	43	337617	302.855	ug/l	98
17) Carbon Disulfide	4.01	76	376258	53.645	ug/l	99
18) Methyl Acetate	4.28	43	160768	56.595	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	469271	55.513	ug/l	98
20) Methylene Chloride	4.51	84	153921	51.780	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	144964	53.465	ug/l	98
22) Diisopropyl ether	5.90	45	491190	53.691	ug/l	98
23) Vinyl Acetate	5.84	43	2291342	280.850	ug/l	99
24) 1,1-Dichloroethane	5.79	63	292735	55.236	ug/l	98
25) 2-Butanone	6.78	43	512781	289.522	ug/l	100
26) 2,2-Dichloropropane	6.78	77	205213	38.895	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	170027	53.847	ug/l	95
28) Bromochloromethane	7.15	49	138716	55.096	ug/l	98
29) Tetrahydrofuran	7.16	42	313368	295.786	ug/l	99
30) Chloroform	7.33	83	308001	54.484	ug/l	99
31) Cyclohexane	7.61	56	225501	48.824	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	294393	55.590	ug/l	100
36) 1,1-Dichloropropene	7.75	75	222084	50.074	ug/l	99
37) Ethyl Acetate	6.88	43	222309	55.207	ug/l	99
38) Carbon Tetrachloride	7.73	117	265085	52.532	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	199572	49.487	ug/l	98
40) Benzene	8.00	78	622347	50.833	ug/l	99
41) Methacrylonitrile	7.13	41	113294	53.635	ug/l	94
42) 1,2-Dichloroethane	8.08	62	274140	52.270	ug/l	100
43) Isopropyl Acetate	8.13	43	409211	54.528	ug/l #	90
44) Trichloroethene	8.80	130	173252	51.931	ug/l	94
45) 1,2-Dichloropropane	9.08	63	171512	52.476	ug/l	98
46) Dibromomethane	9.17	93	121124	55.191	ug/l	98
47) Bromodichloromethane	9.37	83	257752	53.160	ug/l	100
48) Methyl methacrylate	9.17	41	202506	51.656	ug/l	97
49) 1,4-Dioxane	9.16	88	54293	1183.647	ug/l	93
51) 4-Methyl-2-Pentanone	9.95	43	1148697	286.397	ug/l	99
52) Toluene	10.13	92	407646	52.037	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	274823	51.024	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	280477	49.457	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	157950	53.386	ug/l	97
56) Ethyl methacrylate	10.40	69	256092	55.979	ug/l	99
57) 1,3-Dichloropropane	10.68	76	278853	54.261	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	629017	267.017	ug/l	99
59) 2-Hexanone	10.72	43	843605	288.002	ug/l	100
60) Dibromochloromethane	10.87	129	198395	51.799	ug/l	97
61) 1,2-Dibromoethane	10.98	107	171990	55.088	ug/l	99
64) Tetrachloroethene	10.60	164	160276	48.190	ug/l	98
65) Chlorobenzene	11.41	112	438308	51.256	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	174377	51.372	ug/l	98
67) Ethyl Benzene	11.48	91	812469	51.699	ug/l	98
68) m/p-Xylenes	11.59	106	597752	102.659	ug/l	97
69) o-Xylene	11.92	106	286876	50.942	ug/l	95
70) Styrene	11.94	104	481944	51.057	ug/l	98
71) Bromoform	12.10	173	142114	54.197	ug/l #	95
73) Isopropylbenzene	12.22	105	772329	50.189	ug/l	99
74) N-amyl acetate	12.04	43	361135	54.312	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	218437	53.492	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	209807m	49.326	ug/l	
77) Bromobenzene	12.50	156	189725	52.225	ug/l	96
78) n-propylbenzene	12.57	91	861887	49.676	ug/l	99
79) 2-Chlorotoluene	12.65	91	537048	50.394	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	647374	49.762	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	79003	46.893	ug/l	98
82) 4-Chlorotoluene	12.75	91	566750	50.984	ug/l	100
83) tert-Butylbenzene	12.97	119	537125	50.358	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	664465	51.317	ug/l	100
85) sec-Butylbenzene	13.14	105	672174	49.988	ug/l	100
86) p-Isopropyltoluene	13.26	119	616654	50.360	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	330548	51.136	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	337380	50.992	ug/l	97
89) n-Butylbenzene	13.59	91	522341	47.587	ug/l	98
90) Hexachloroethane	13.85	117	109669	49.453	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	325654	51.353	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	55800	54.772	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	180946	50.874	ug/l	97
94) Hexachlorobutadiene	14.98	225	87909	45.826	ug/l	98
95) Naphthalene	15.10	128	572678	53.766	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	175549	49.834	ug/l	100

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

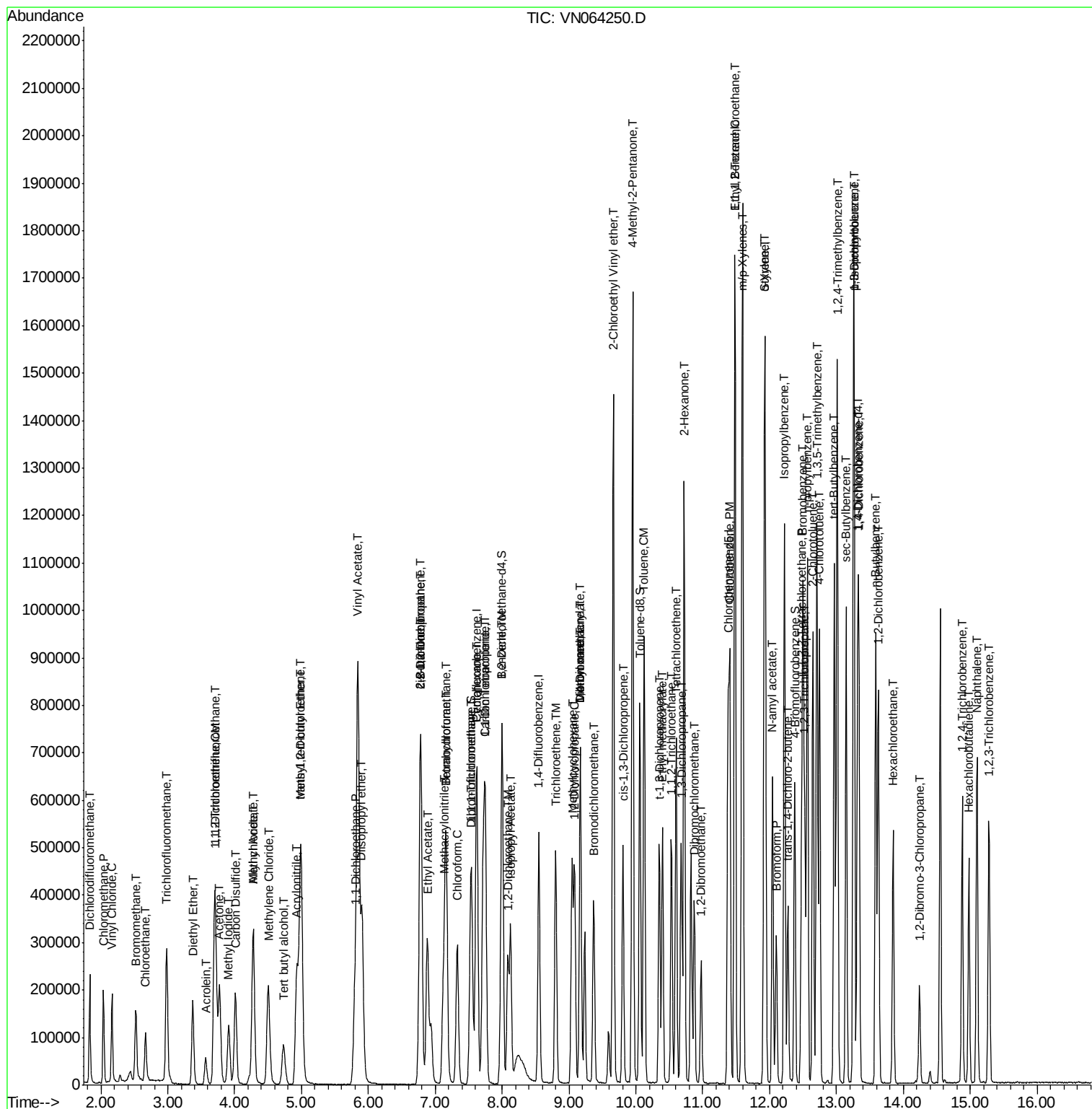
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Data File : VN064250.D
Acq On : 22 Oct 2020 6:11
Operator : JC/MD
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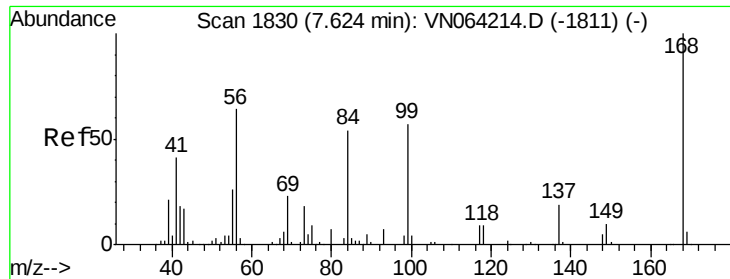
Instrument :
MSVOA_N
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064250.D

Acq: 22 Oct 2020 6:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 262353

Ion Ratio Lower Upper

168 100

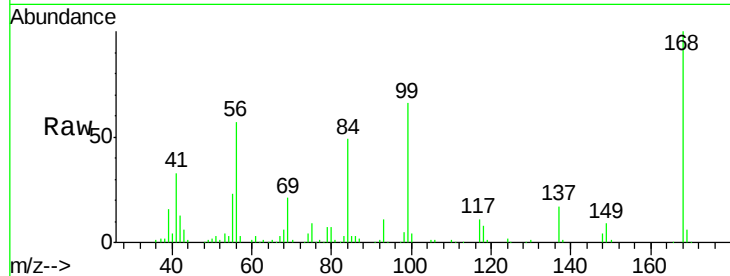
99 65.1 54.0 81.0

Manual Integrations

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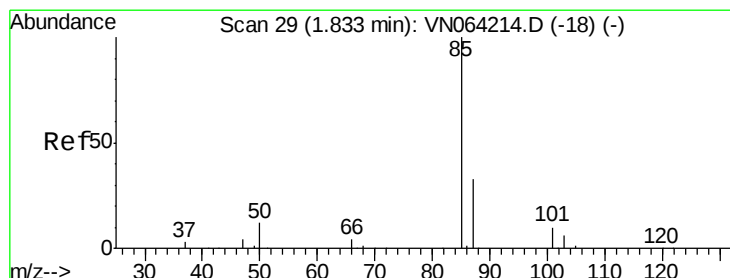
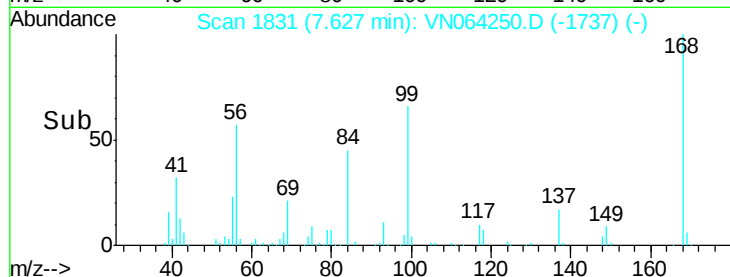
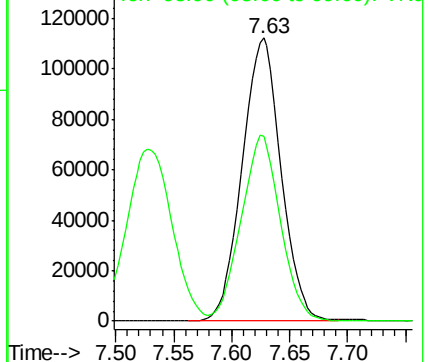
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 52.521 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064250.D

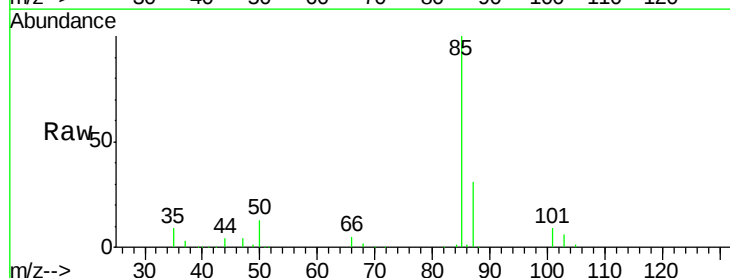
Acq: 22 Oct 2020 6:11

Tgt Ion: 85 Resp: 168463

Ion Ratio Lower Upper

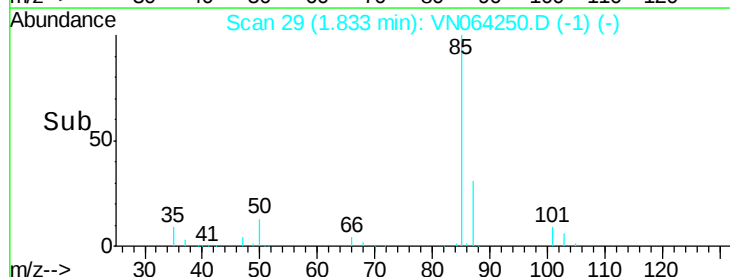
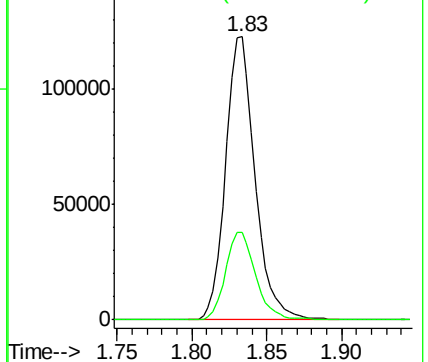
85 100

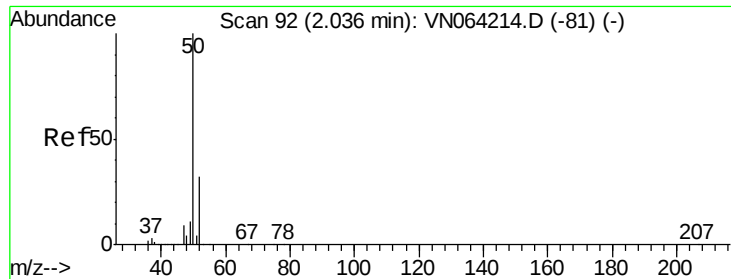
87 31.0 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 55.707 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064250.D

Acq: 22 Oct 2020 6:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 168916

Ion Ratio Lower Upper

50 100

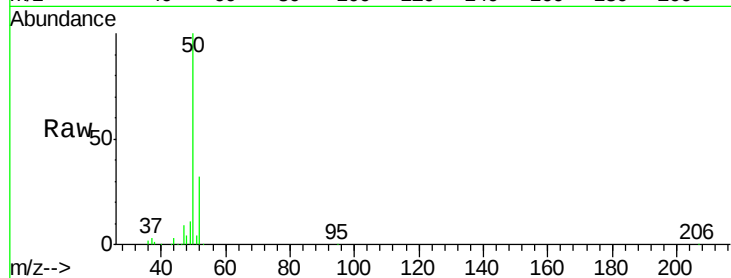
52 32.0 25.3 37.9

Manual Integrations

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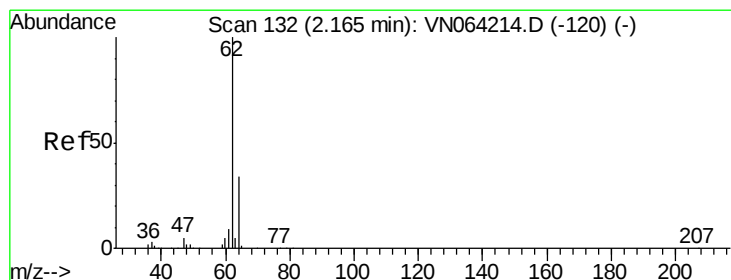
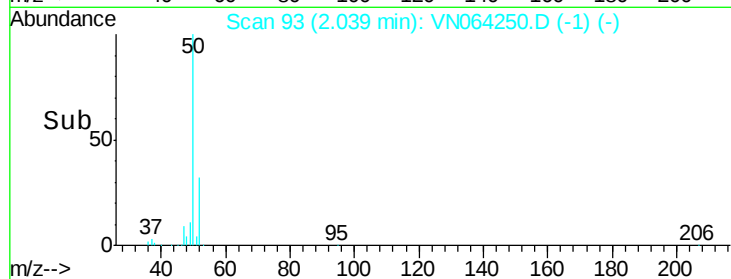
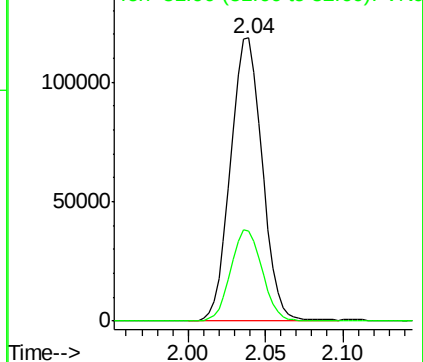
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Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 54.644 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN064250.D

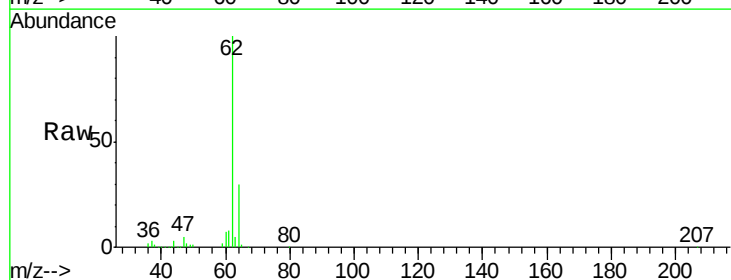
Acq: 22 Oct 2020 6:11

Tgt Ion: 62 Resp: 164273

Ion Ratio Lower Upper

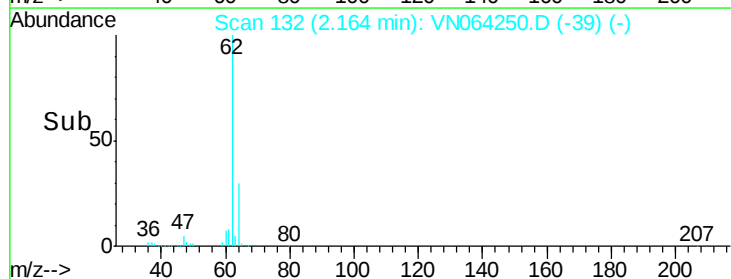
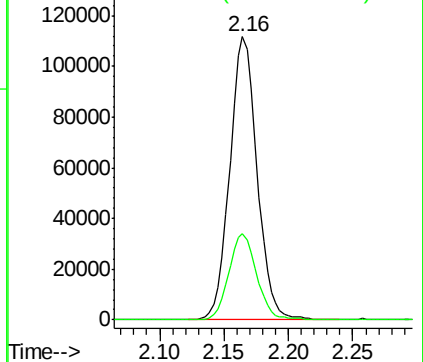
62 100

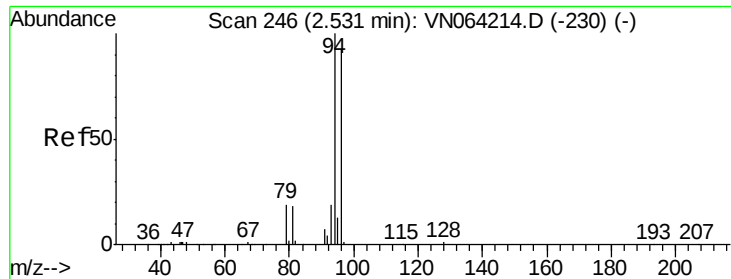
64 30.3 26.8 40.2



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 52.341 ug/l

RT: 2.52 min Scan# 243

Delta R.T. -0.01 min

Lab File: VN064250.D

Acq: 22 Oct 2020 6:11

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Tot Ion: 94 Resp: 102563

Ion Ratio Lower Upper

94 100

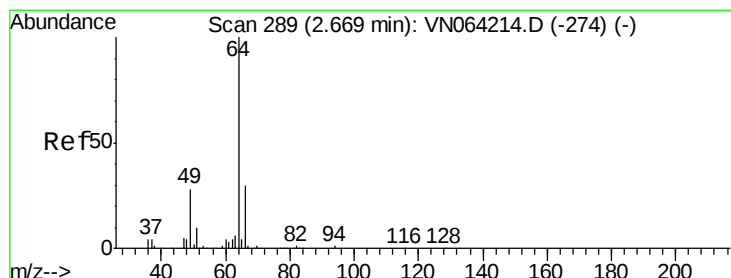
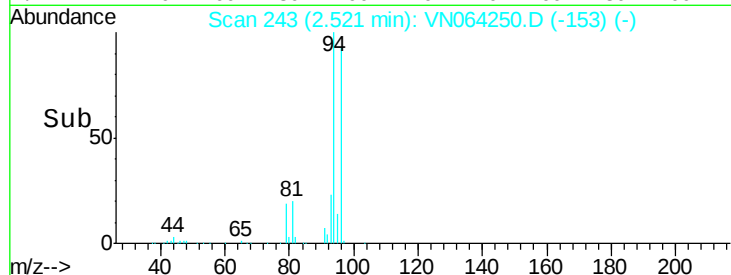
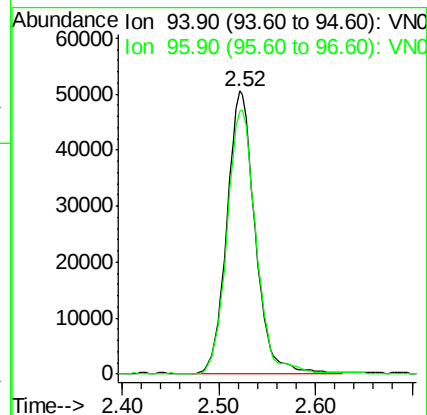
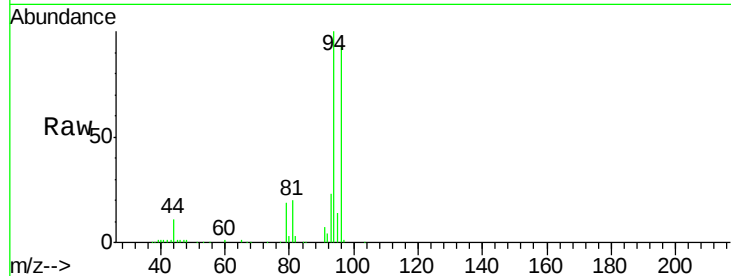
96 92.9 74.2 111.4

Manual Integrations

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#6

Chloroethane

Concen: 53.198 ug/l

RT: 2.67 min Scan# 288

Delta R.T. -0.00 min

Lab File: VN064250.D

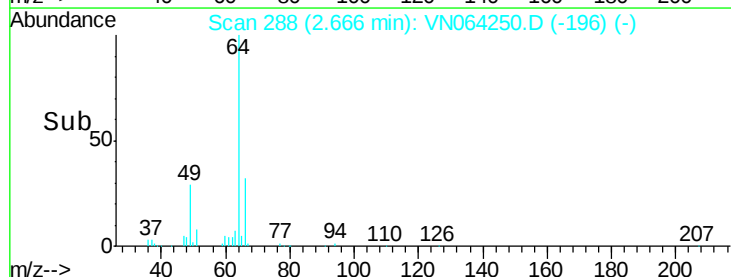
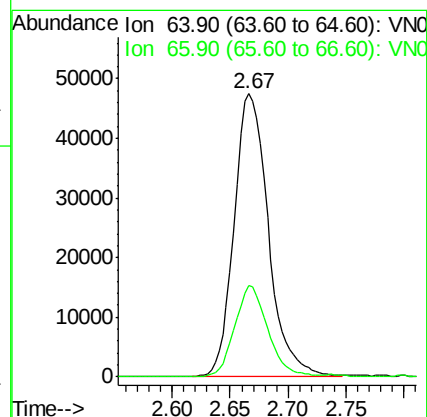
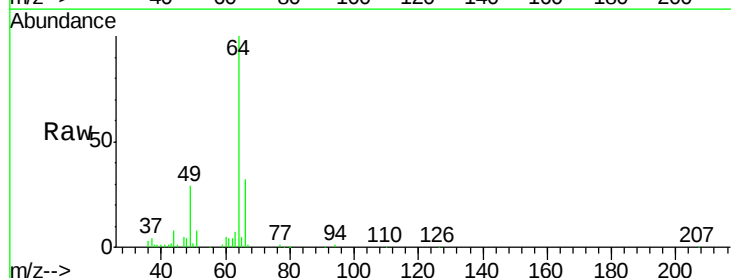
Acq: 22 Oct 2020 6:11

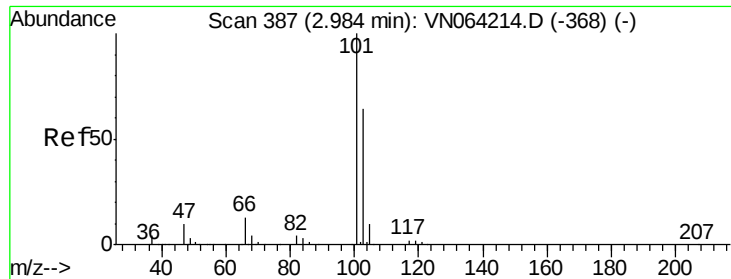
Tgt Ion: 64 Resp: 97356

Ion Ratio Lower Upper

64 100

66 32.1 24.5 36.7





#7

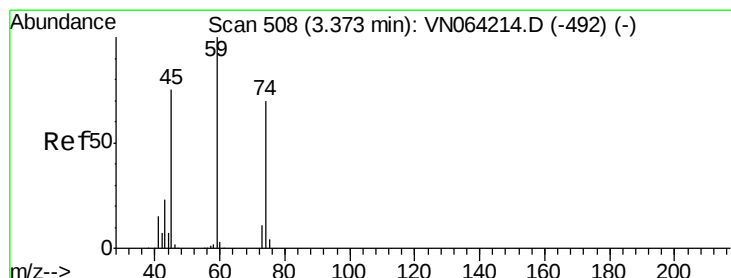
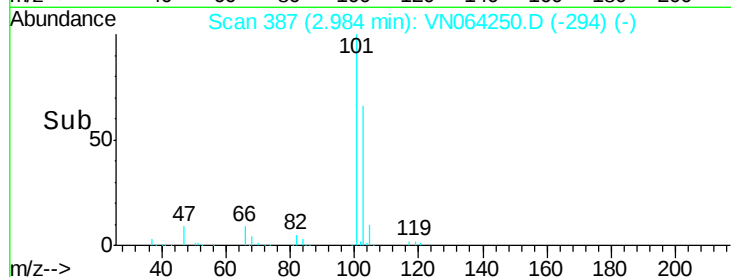
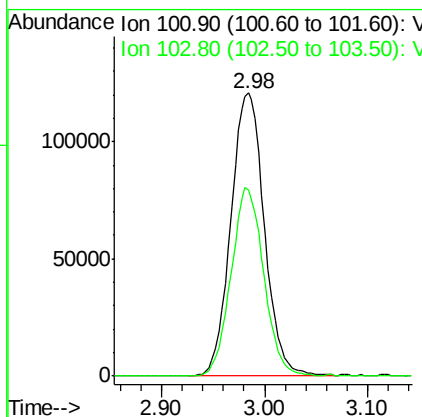
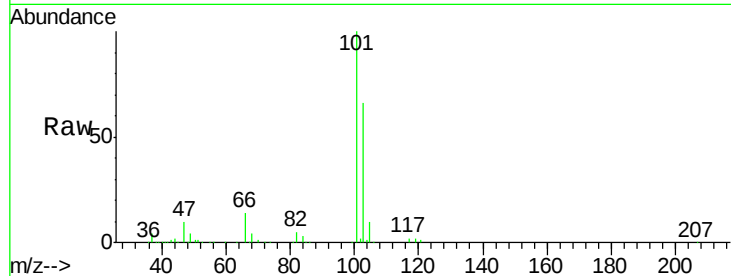
Trichlorofluoromethane
 Concen: 55.295 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. -0.00 min
 Lab File: VN064250.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.9	51.0	76.6

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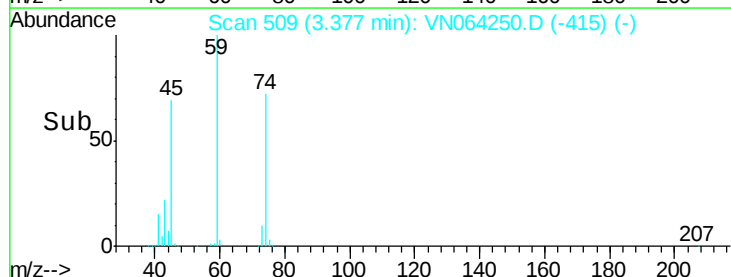
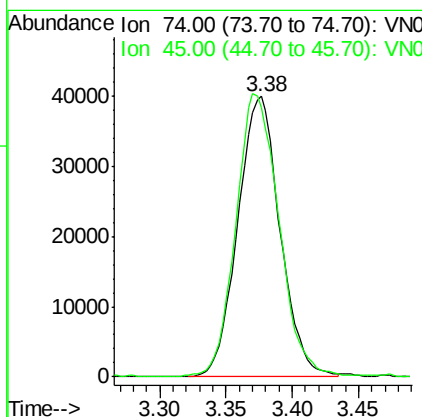
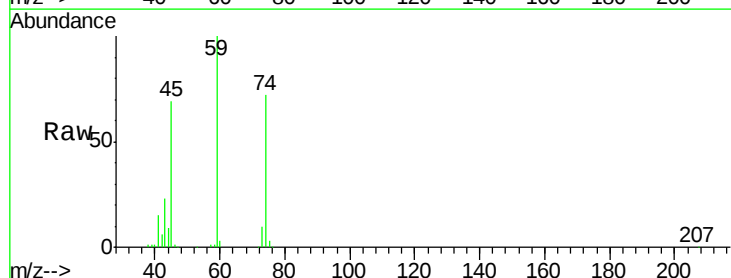
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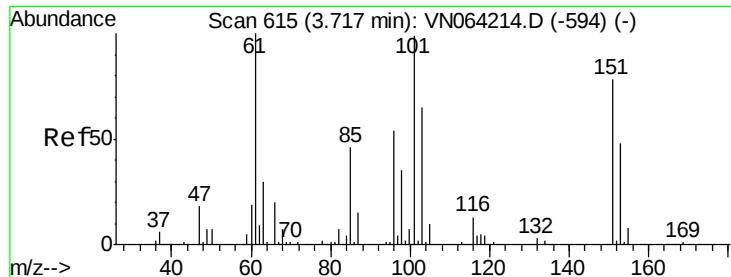


#8

Diethyl Ether
 Concen: 54.080 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN064250.D
 Acq: 22 Oct 2020 6:11

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.3	51.3	154.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.838 ug/l

RT: 3.72 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN064250.D

Acq: 22 Oct 2020 6:11

Instrument :

MSVOA_N

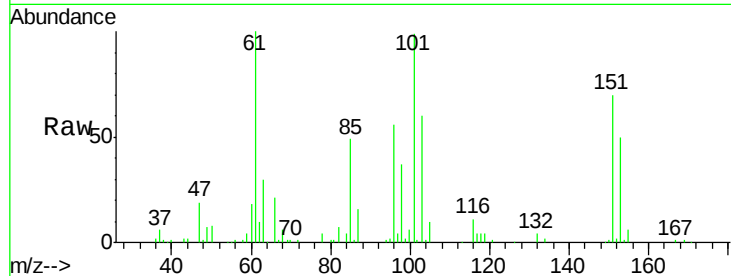
ClientSampleId :

VSTDCCC050EC

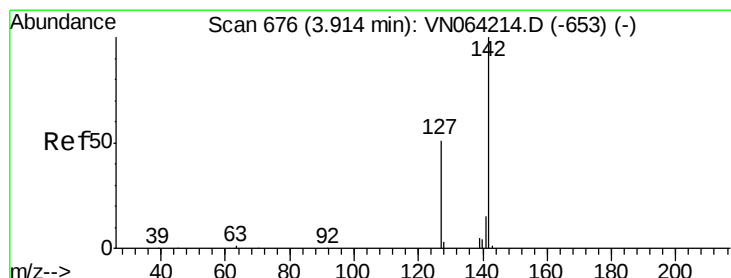
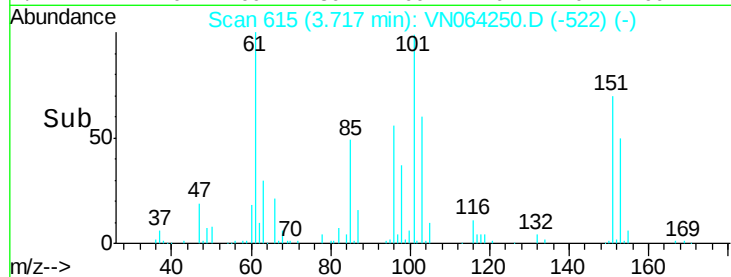
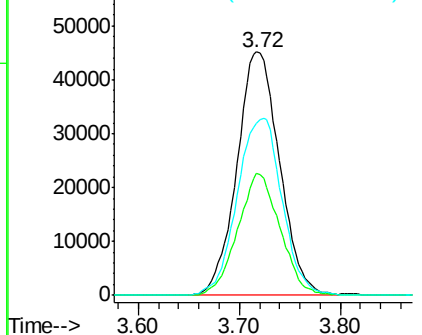
Tot Ion:	101	Resp:	132519
Ion Ratio	Lower	Upper	
101	100		
85	49.6	37.8	56.8
151	76.5	61.4	92.2

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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: 51.954 ug/l

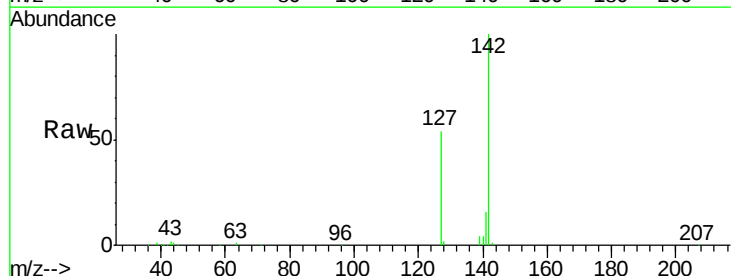
RT: 3.91 min Scan# 675

Delta R.T. -0.00 min

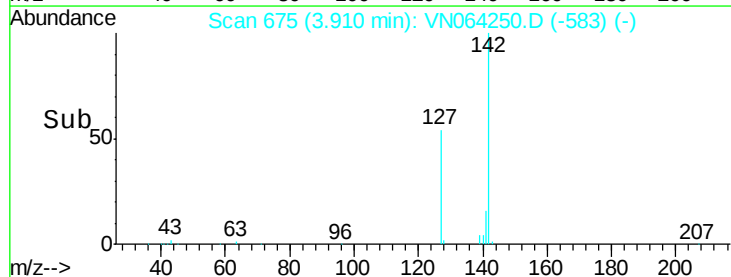
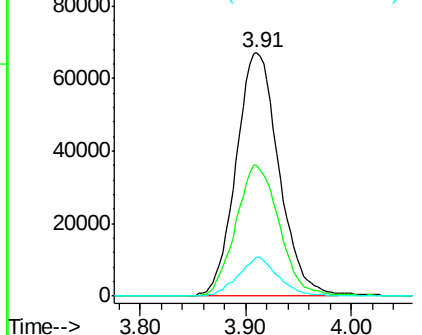
Lab File: VN064250.D

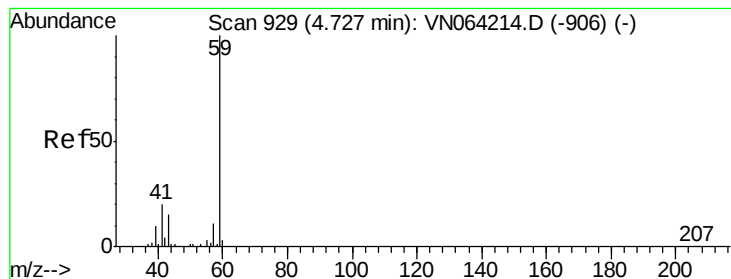
Acq: 22 Oct 2020 6:11

Tgt Ion:	142	Resp:	188870
Ion Ratio	Lower	Upper	
142	100		
127	54.5	41.0	61.6
141	14.9	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

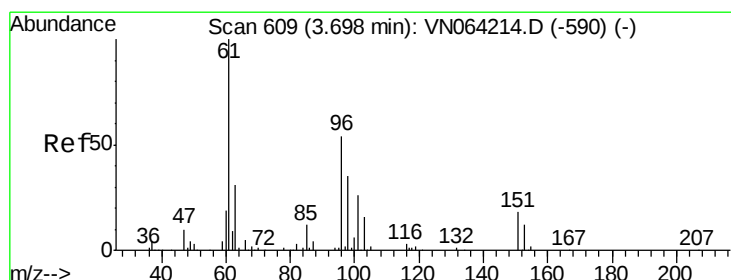
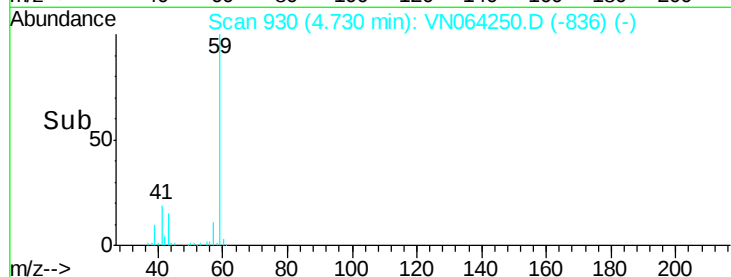
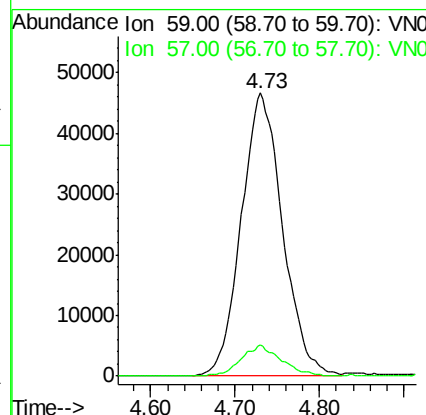
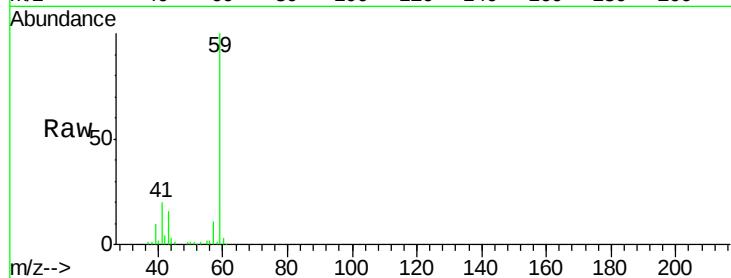
Tert butyl alcohol
Concen: 304.777 ug/l
RT: 4.73 min Scan# 930
Delta R.T. 0.00 min
Lab File: VN064250.D
Acq: 22 Oct 2020 6:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	9.2	13.8

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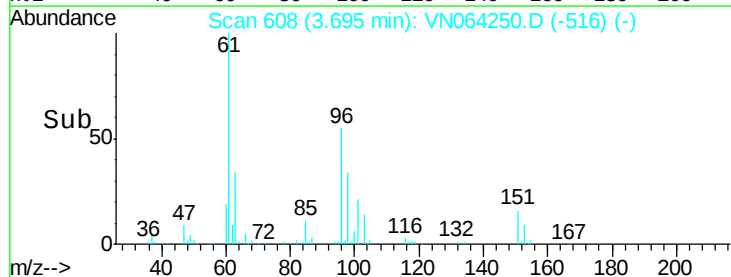
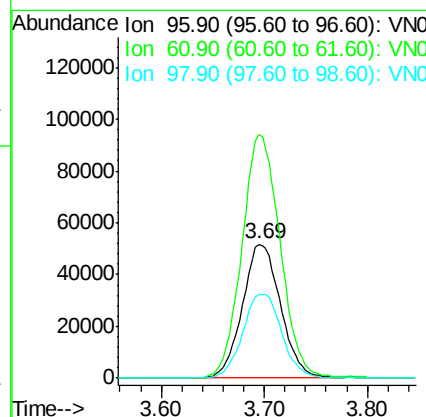
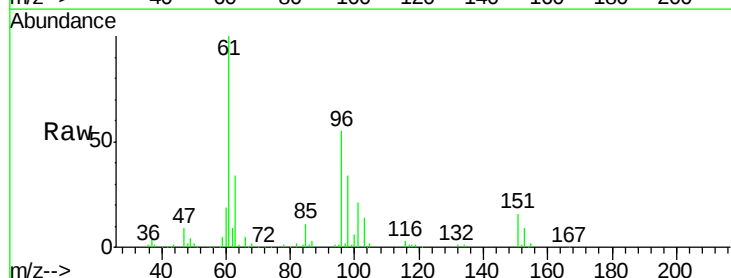
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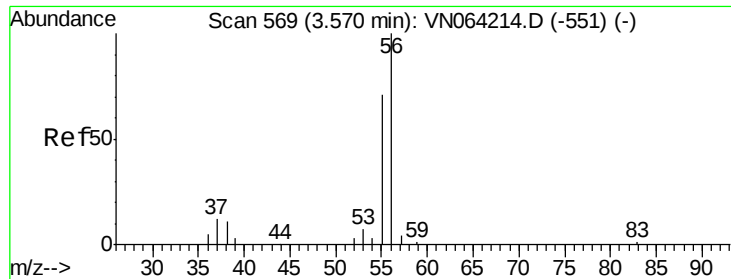


#12

1,1-Dichloroethene
Concen: 54.020 ug/l
RT: 3.69 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN064250.D
Acq: 22 Oct 2020 6:11

Tgt Ion	Ratio	Lower	Upper
96	100		
61	182.3	147.0	220.4
98	62.7	51.7	77.5





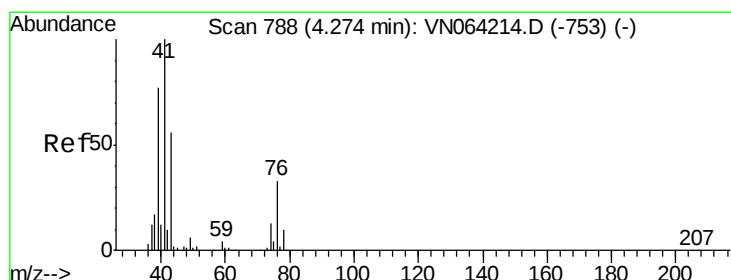
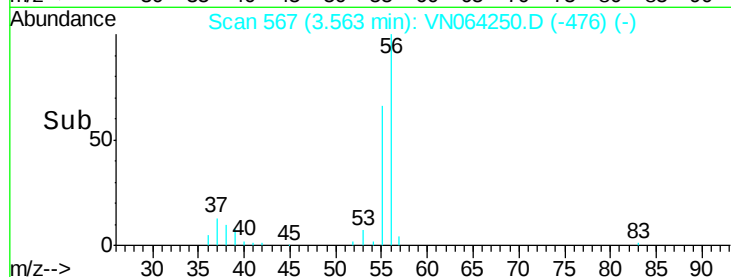
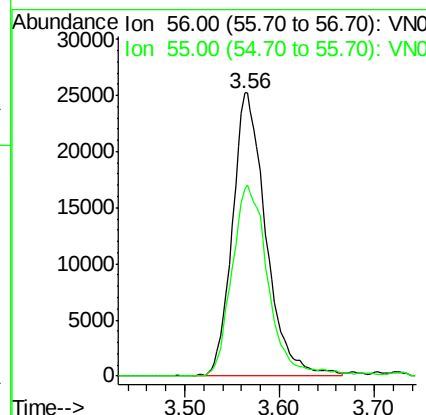
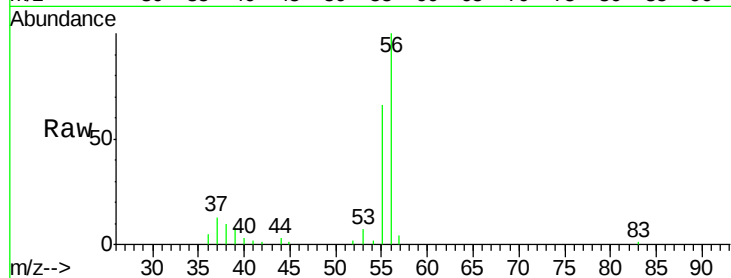
#13
Acrolein
Concen: 189.648 ug/l
RT: 3.56 min Scan# 567
Delta R.T. -0.01 min
Lab File: VN064250.D
Acq: 22 Oct 2020 6:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.0	56.1	84.1

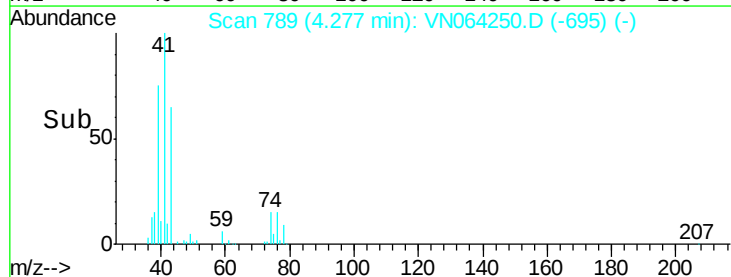
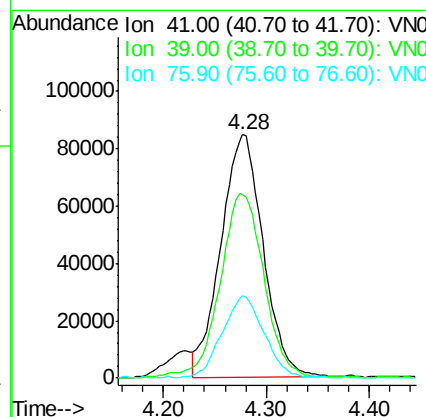
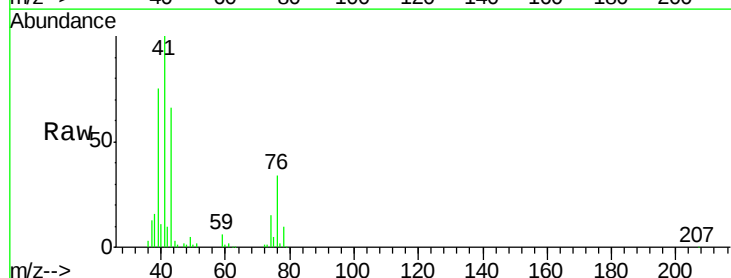
Manual Integrations
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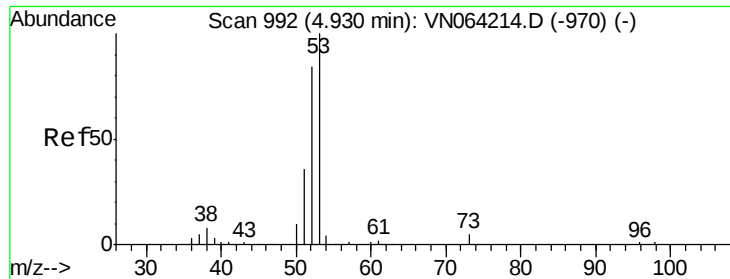
MMDadoda
10/23/2020 2:11:07 PM



#14
Allyl chloride
Concen: 48.974 ug/l
RT: 4.28 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN064250.D
Acq: 22 Oct 2020 6:11

Tgt Ion	Ratio	Lower	Upper
41	100		
39	79.3	58.6	88.0
76	32.7	24.5	36.7





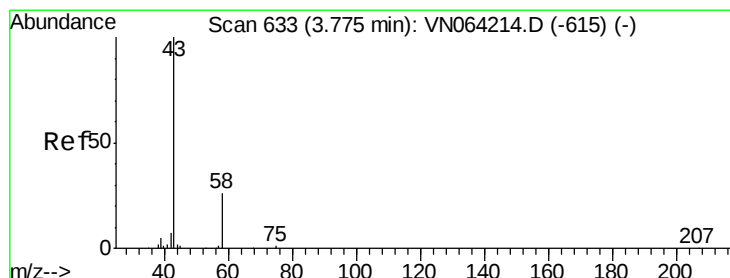
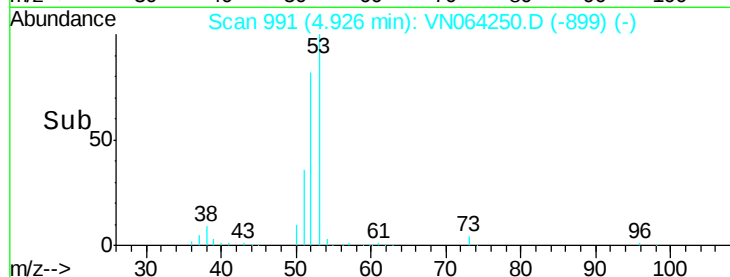
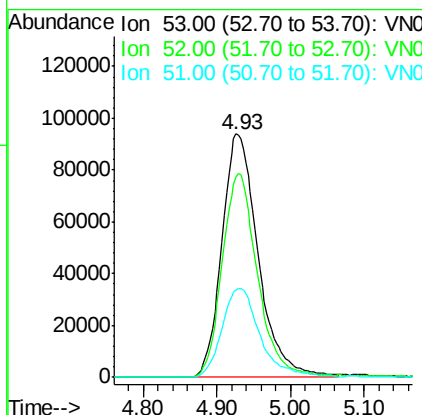
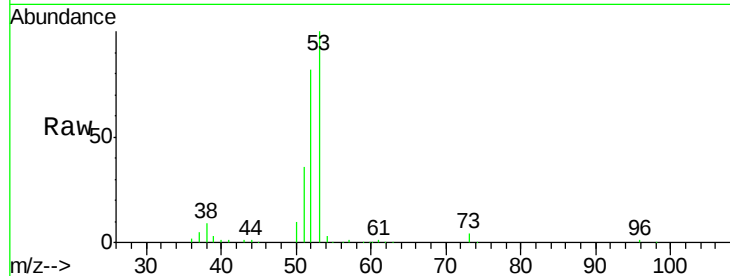
#15
 Acrylonitrile
 Concen: 298.375 ug/l
 RT: 4.93 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: VN064250.D
 Acq: 22 Oct 2020 6:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	53	Resp	321782
Ion Ratio	100	Lower	Upper
53	100		
52	81.0	66.8	100.2
51	38.2	30.7	46.1

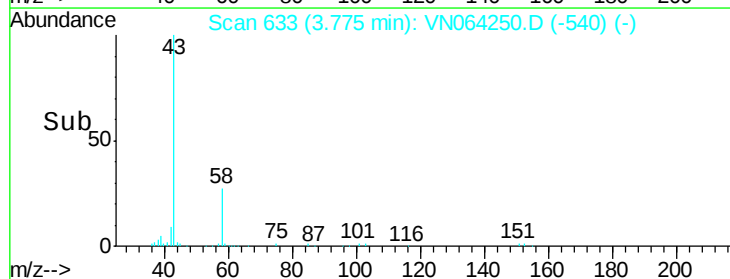
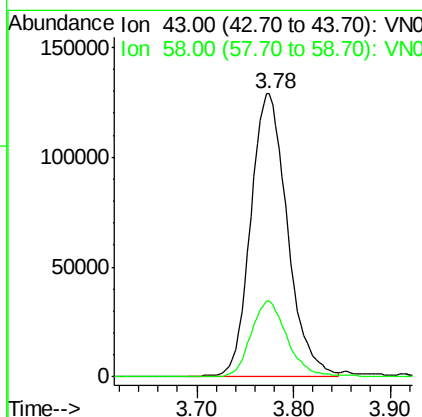
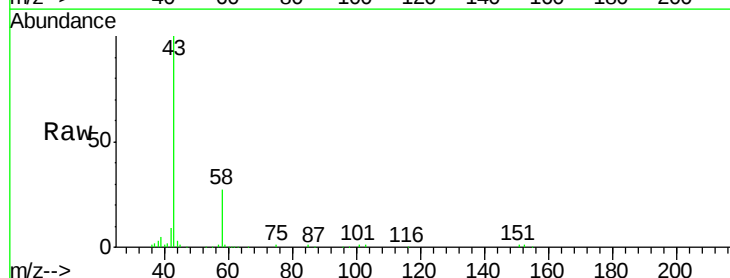
Manual Integrations
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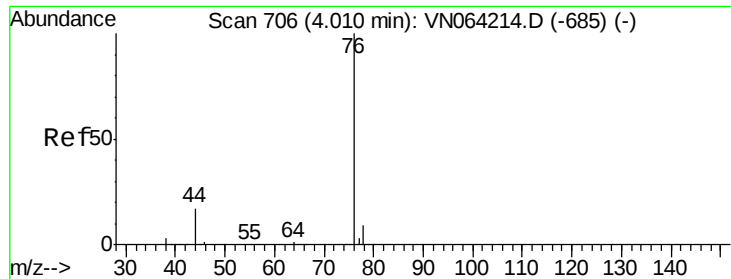
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#16
 Acetone
 Concen: 302.855 ug/l
 RT: 3.78 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: VN064250.D
 Acq: 22 Oct 2020 6:11

Tgt Ion	43	Resp	337617
Ion Ratio	100	Lower	Upper
43	100		
58	27.2	21.0	31.4





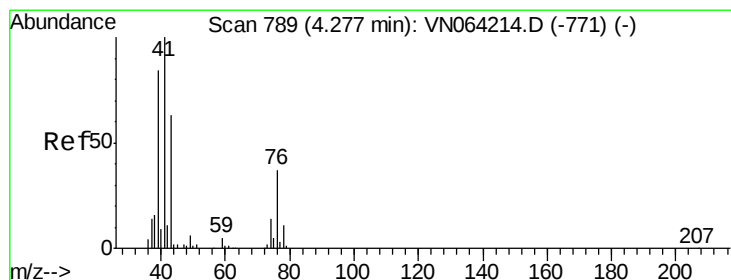
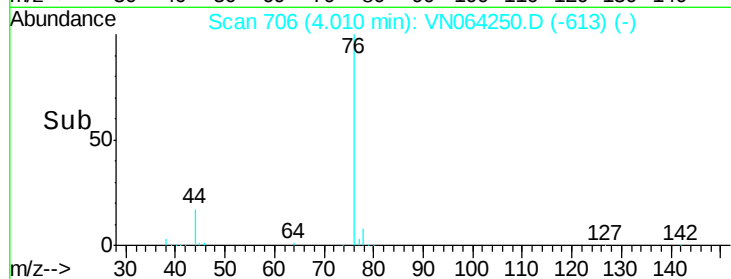
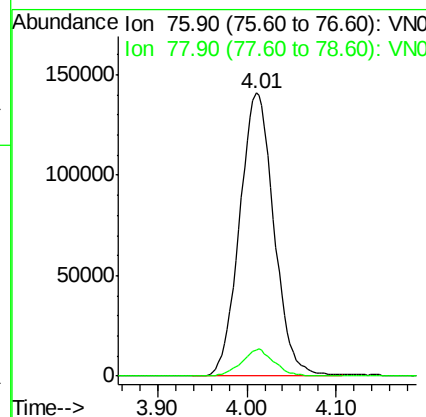
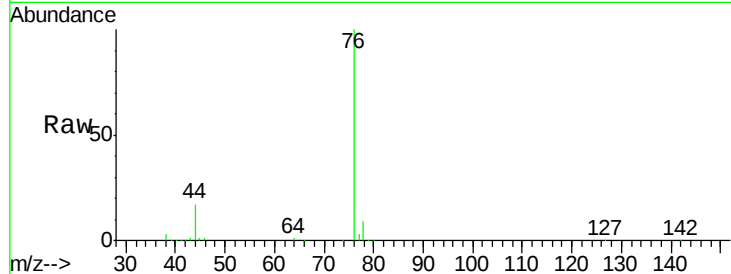
#17
Carbon Disulfide
Concen: 53.645 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN064250.D
Acq: 22 Oct 2020 6:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.1	10.7

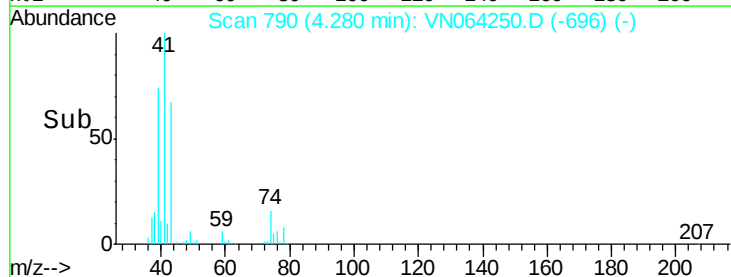
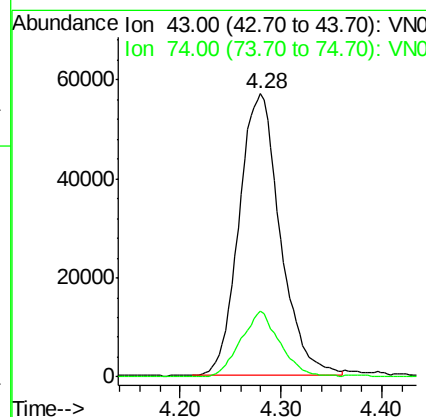
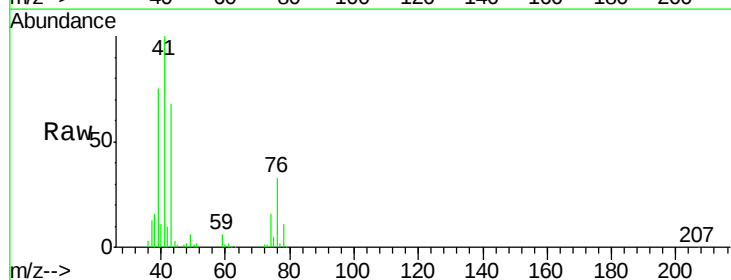
Manual Integrations
APPROVED

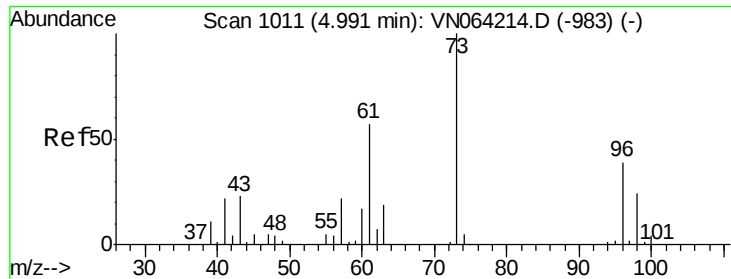
MMDadoda
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#18
Methyl Acetate
Concen: 56.595 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN064250.D
Acq: 22 Oct 2020 6:11

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.2	17.9	26.9





#19

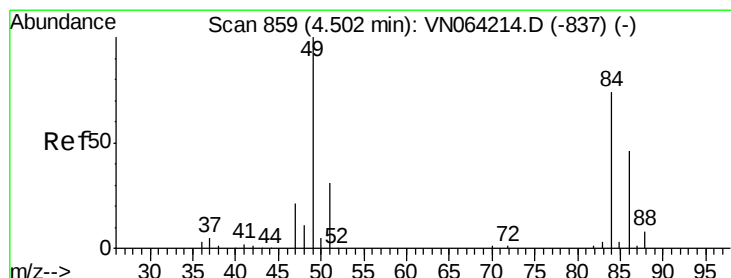
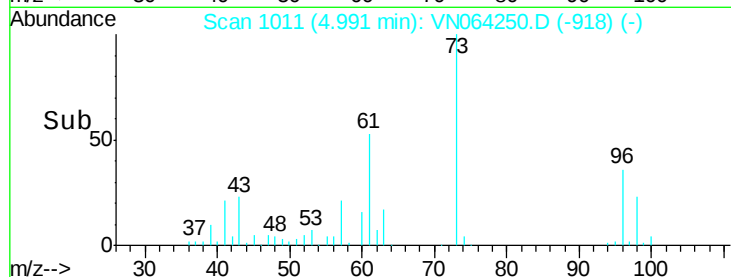
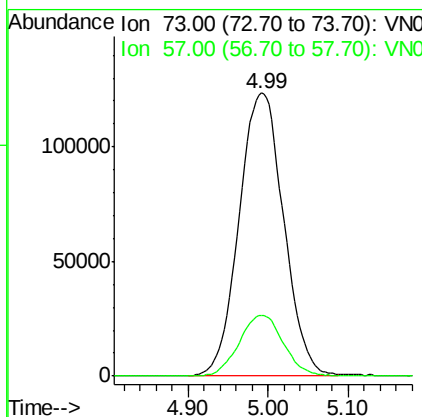
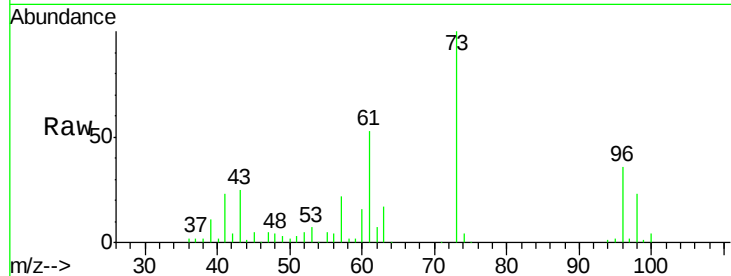
Methyl tert-butyl Ether
 Concen: 55.513 ug/l
 RT: 4.99 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: VN064250.D
 Acq: 22 Oct 2020 6:11

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050EC

Tot Ion: 73 Resp: 469271
 Ion Ratio Lower Upper
 73 100
 57 21.6 18.0 27.0

Manual Integrations
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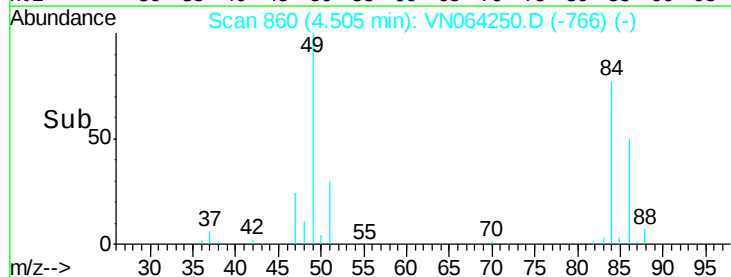
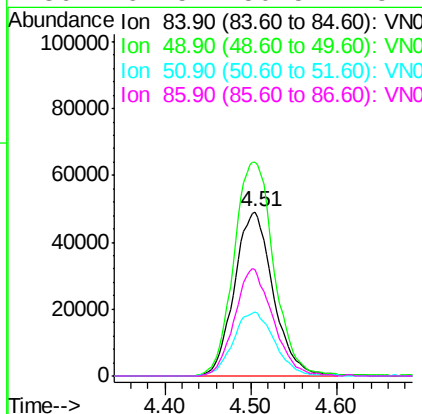
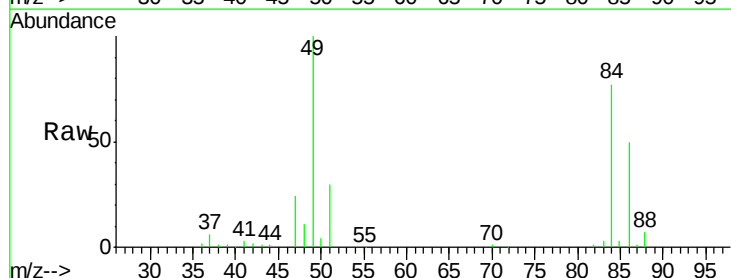
MMDadoda
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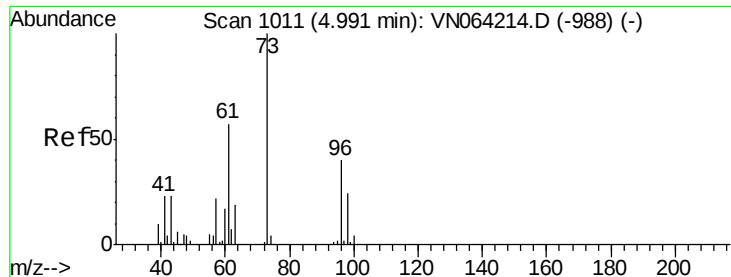


#20

Methylene Chloride
 Concen: 51.780 ug/l
 RT: 4.51 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: VN064250.D
 Acq: 22 Oct 2020 6:11

Tgt Ion: 84 Resp: 153921
 Ion Ratio Lower Upper
 84 100
 49 129.7 108.5 162.7
 51 39.2 33.8 50.8
 86 64.5 50.5 75.7





#21

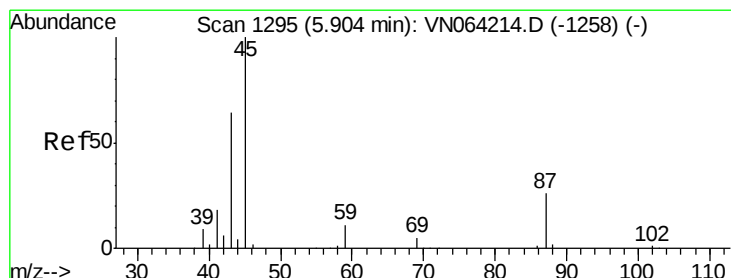
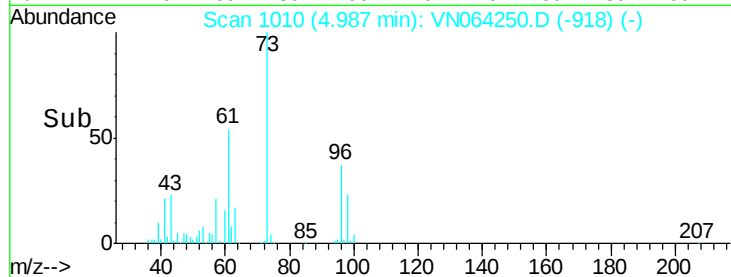
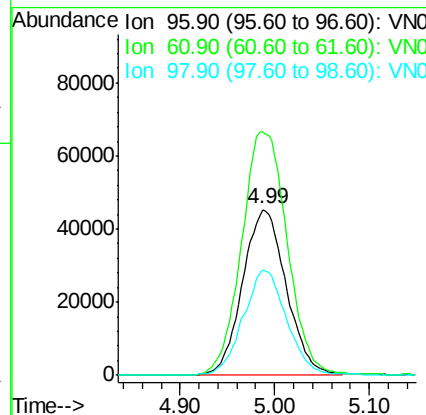
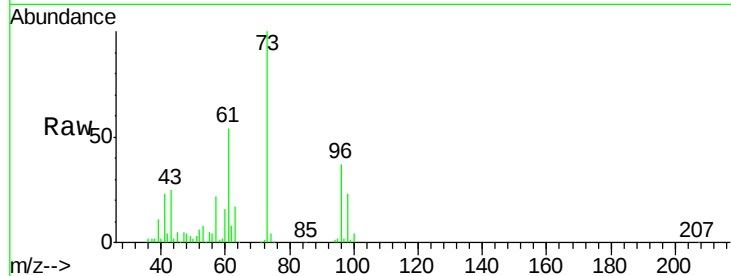
trans-1,2-Dichloroethene
Concen: 53.465 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN064250.D
Acq: 22 Oct 2020 6:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.8	115.8	173.6
98	63.5	49.4	74.0

Manual Integrations
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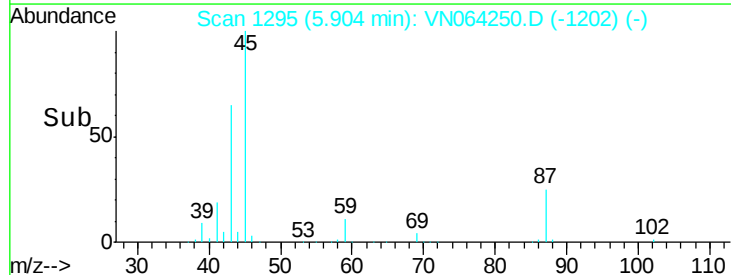
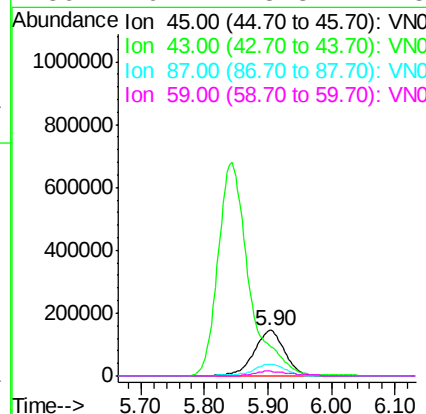
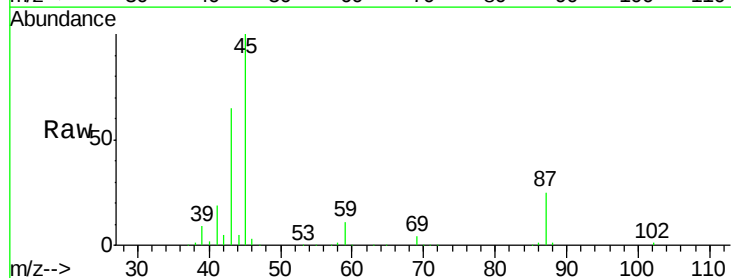
MMDadoda
10/23/2020 2:11:07 PM

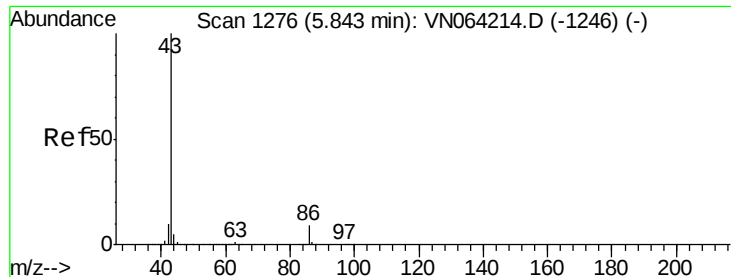


#22

Diisopropyl ether
Concen: 53.691 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VN064250.D
Acq: 22 Oct 2020 6:11

Tgt Ion	Ratio	Lower	Upper
45	100		
43	63.4	52.2	78.4
87	25.2	21.4	32.0
59	10.4	8.3	12.5





#23

Vinyl Acetate

Concen: 280.850 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN064250.D

Acq: 22 Oct 2020 6:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2291342

Ion Ratio Lower Upper

43 100

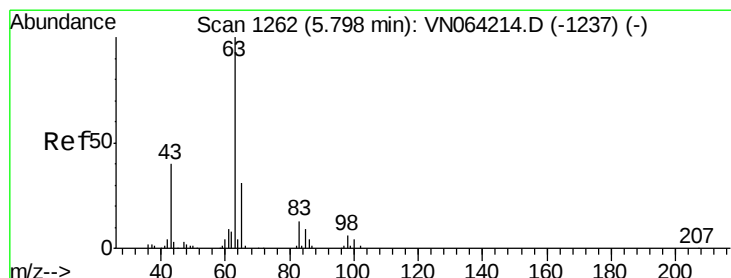
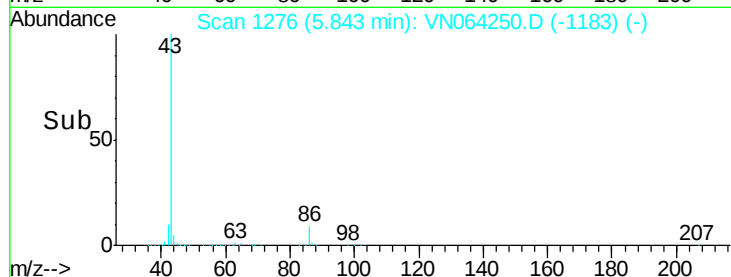
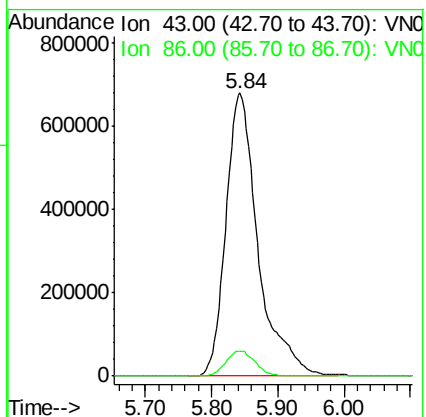
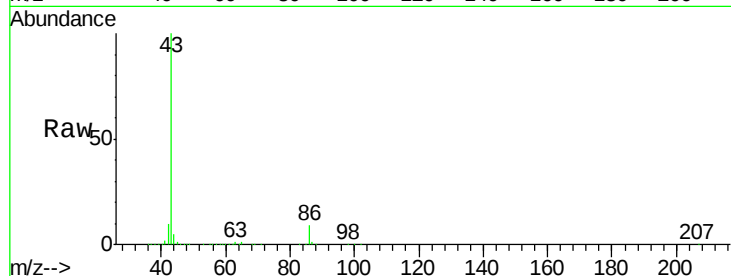
86 9.0 7.4 11.0

Manual Integrations

APPROVED

MMDadoda

10/23/2020 2:11:07 PM



#24

1,1-Dichloroethane

Concen: 55.236 ug/l

RT: 5.79 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VN064250.D

Acq: 22 Oct 2020 6:11

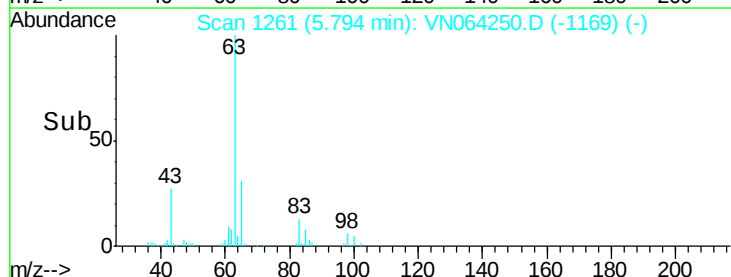
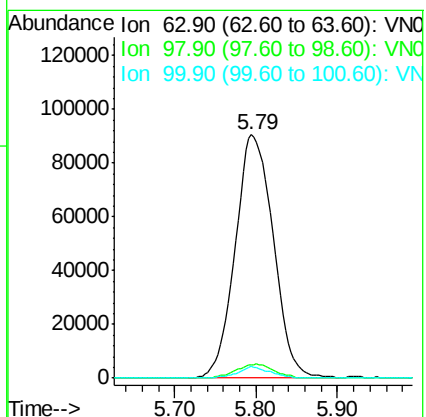
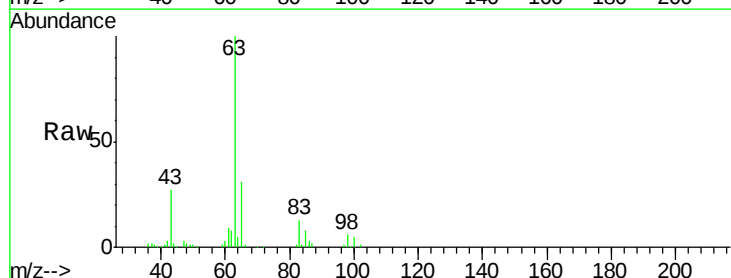
Tgt Ion: 63 Resp: 292735

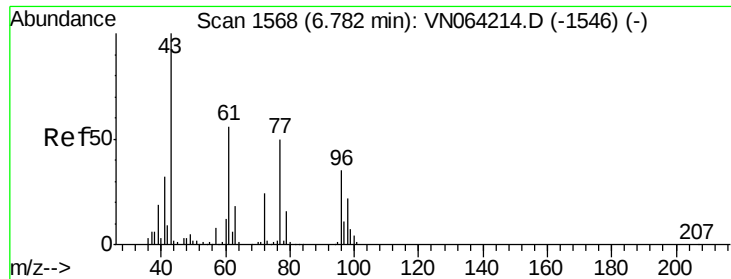
Ion Ratio Lower Upper

63 100

98 5.5 2.9 8.7

100 4.8 2.0 6.0





#25

2-Butanone

Concen: 289.522 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN064250.D

Acq: 22 Oct 2020 6:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 512781

Ion Ratio Lower Upper

43 100

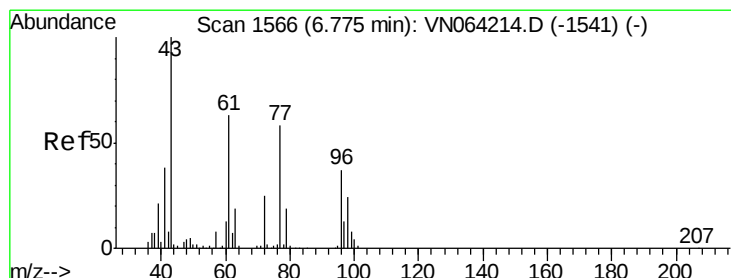
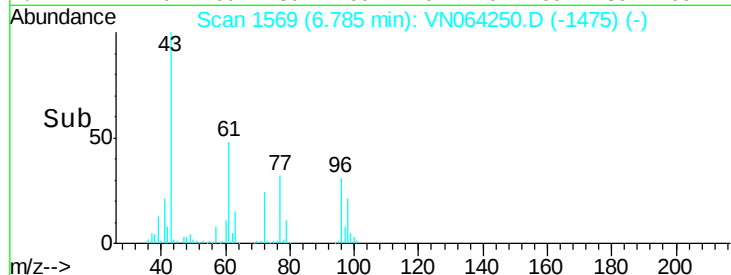
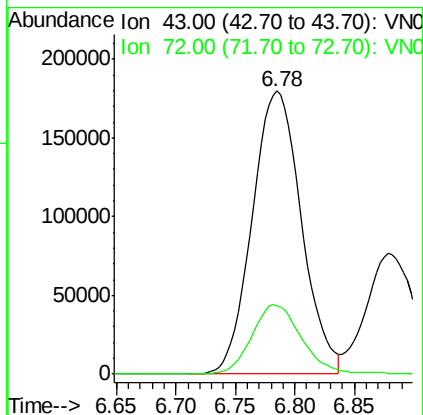
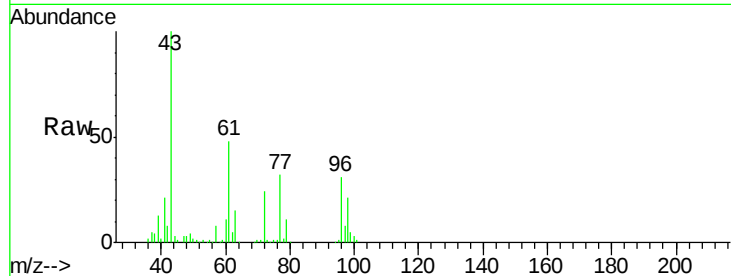
72 24.3 19.4 29.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 38.895 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN064250.D

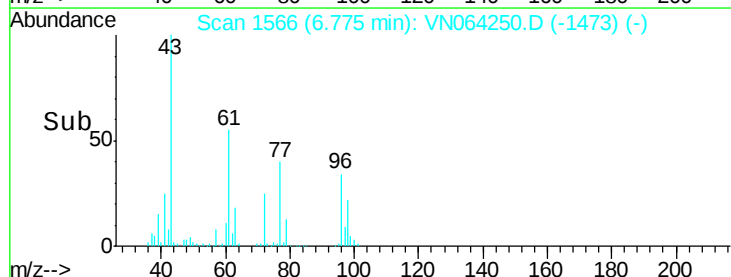
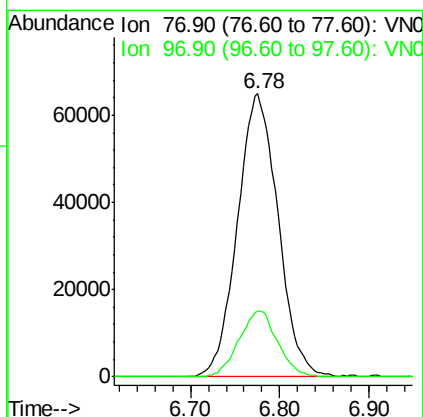
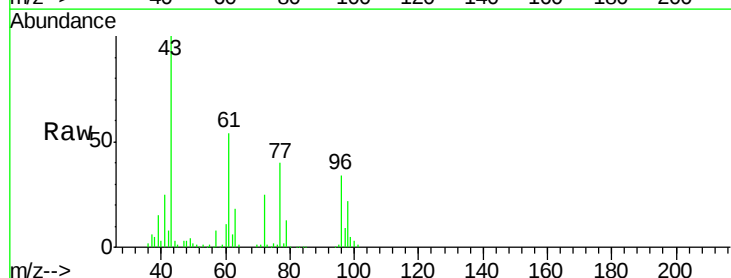
Acq: 22 Oct 2020 6:11

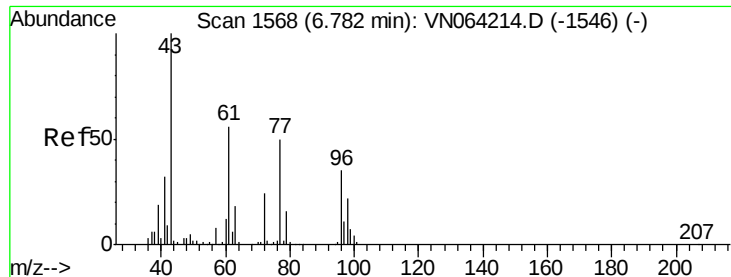
Tgt Ion: 77 Resp: 205213

Ion Ratio Lower Upper

77 100

97 22.1 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 53.847 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VN064250.D

Acq: 22 Oct 2020 6:11

Instrument :

MSVOA_N

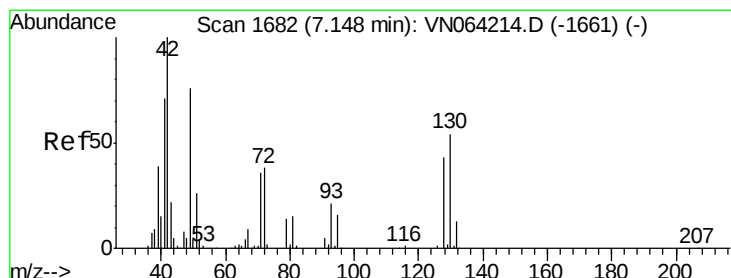
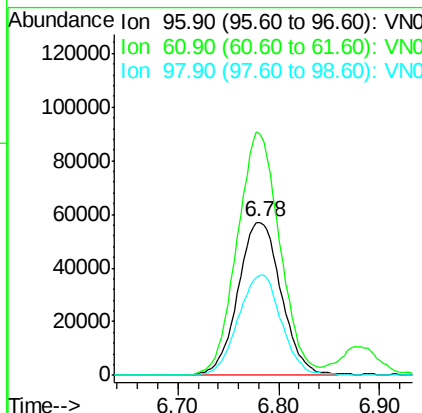
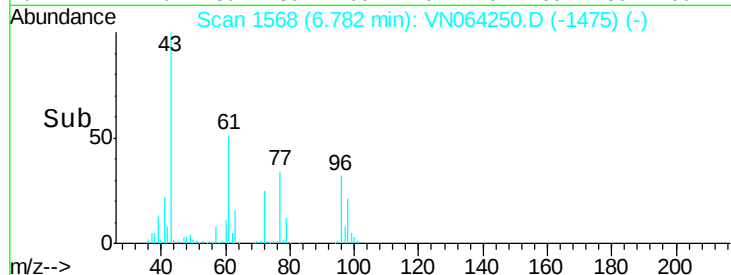
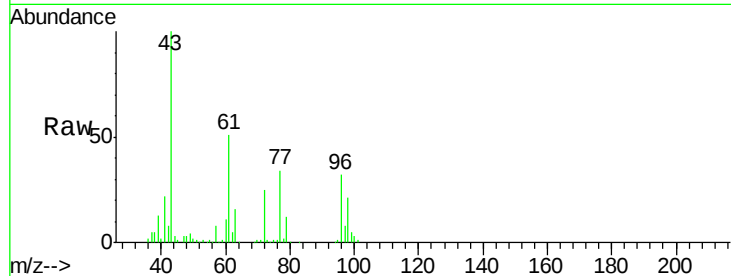
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	170027
Ion	Ratio	Lower	Upper
96	100		
61	156.3	0.0	330.0
98	65.3	0.0	130.6

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#28

Bromochloromethane

Concen: 55.096 ug/l

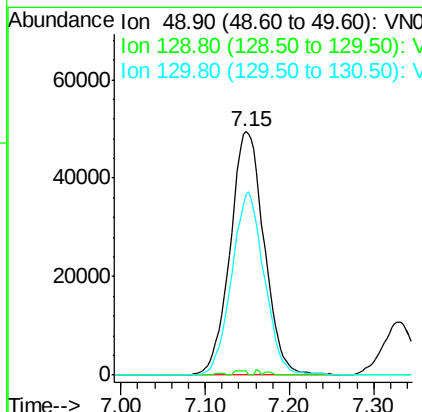
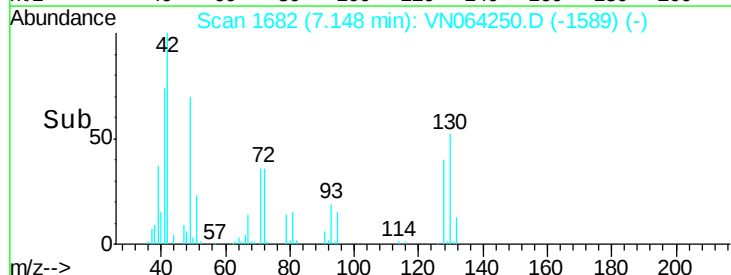
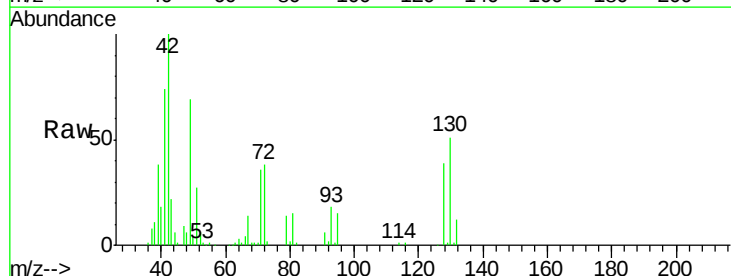
RT: 7.15 min Scan# 1682

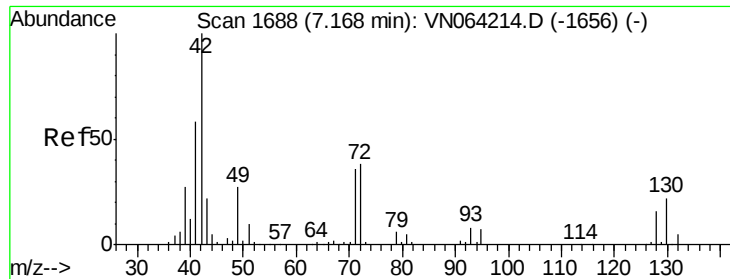
Delta R.T. -0.00 min

Lab File: VN064250.D

Acq: 22 Oct 2020 6:11

Tgt Ion:	49	Resp:	138716
Ion	Ratio	Lower	Upper
49	100		
129	0.6	0.0	2.8
130	71.7	58.8	88.2





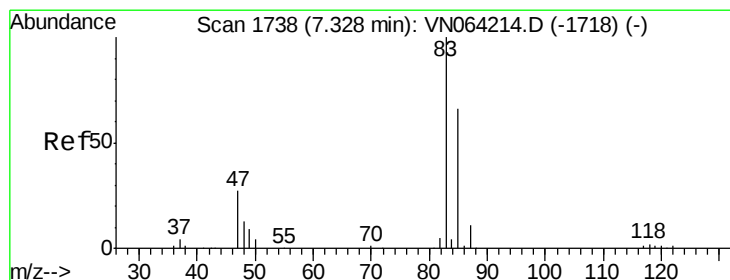
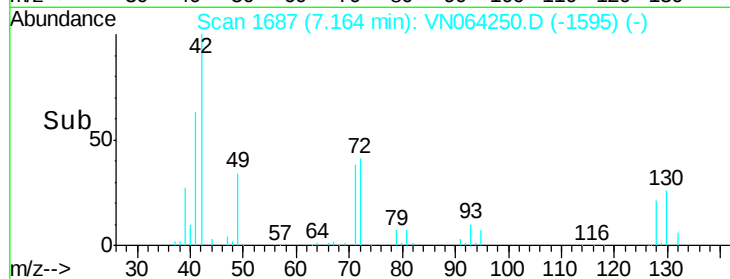
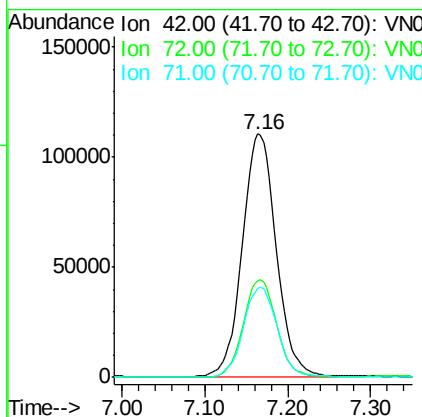
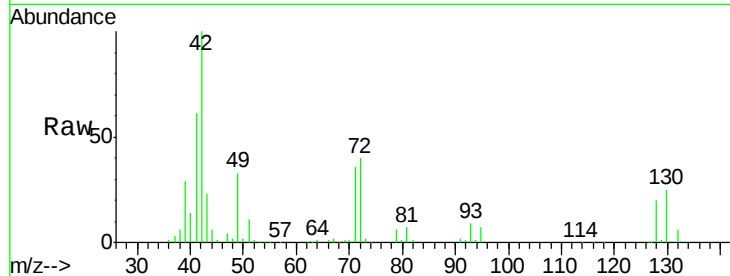
#29
Tetrahydrofuran
Concen: 295.786 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN064250.D
Acq: 22 Oct 2020 6:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.4	30.8	46.2
71	37.1	29.0	43.6

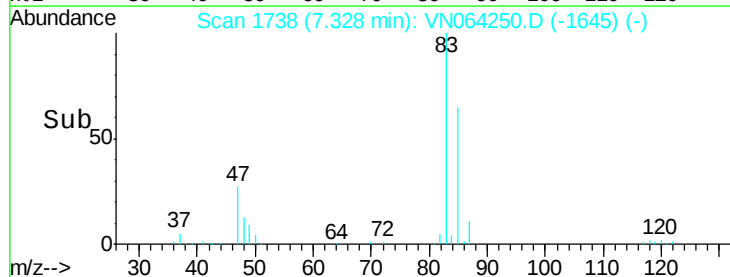
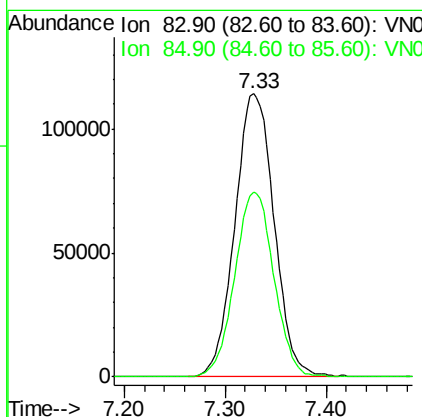
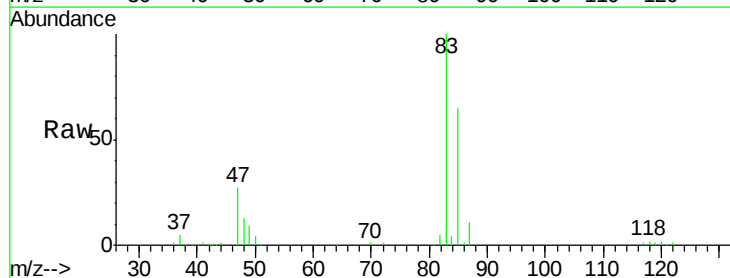
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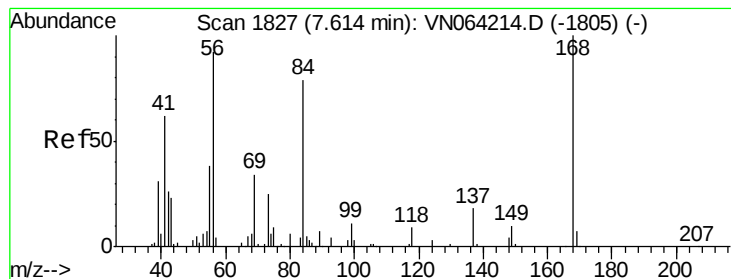
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#30
Chloroform
Concen: 54.484 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN064250.D
Acq: 22 Oct 2020 6:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.5	78.7





#31

Cyclohexane

Concen: 48.824 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN064250.D

Acq: 22 Oct 2020 6:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 225501

Ion Ratio Lower Upper

56 100

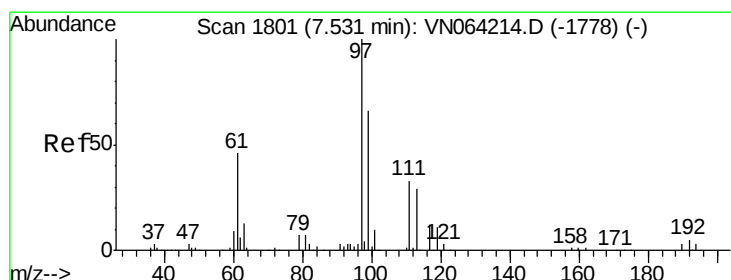
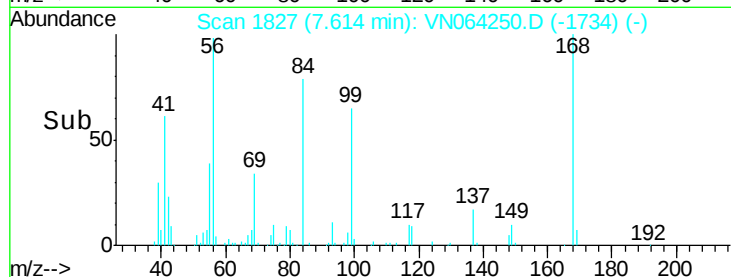
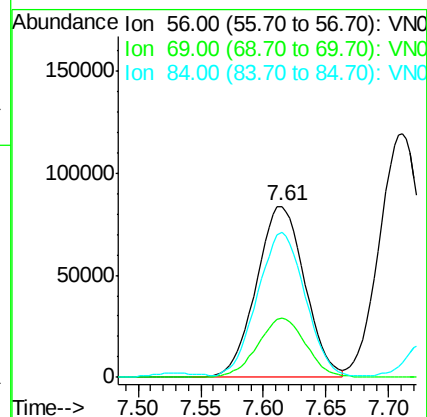
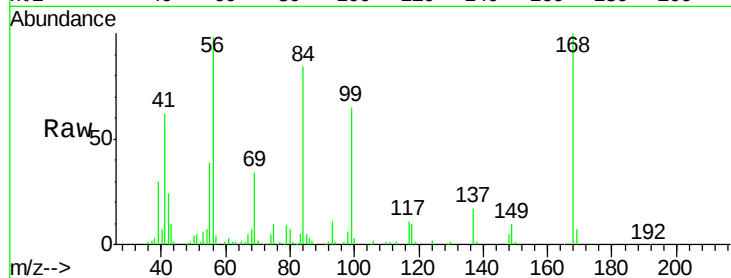
69 34.8 29.8 44.6

84 83.5 68.1 102.1

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#32

1,1,1-Trichloroethane

Concen: 55.590 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN064250.D

Acq: 22 Oct 2020 6:11

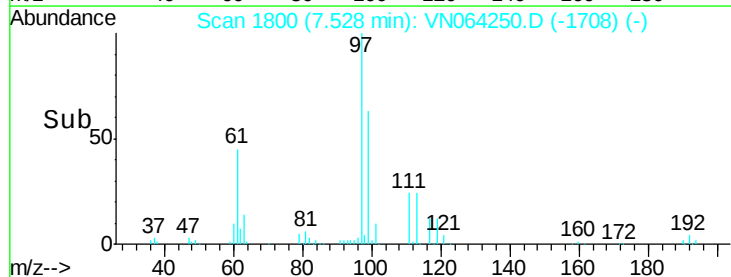
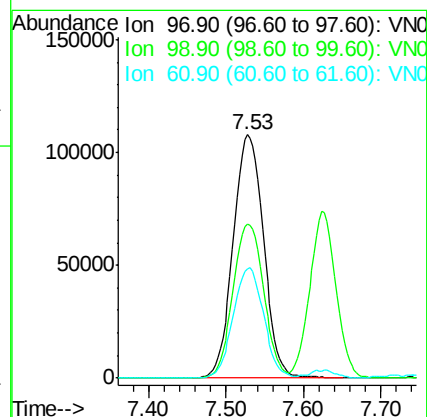
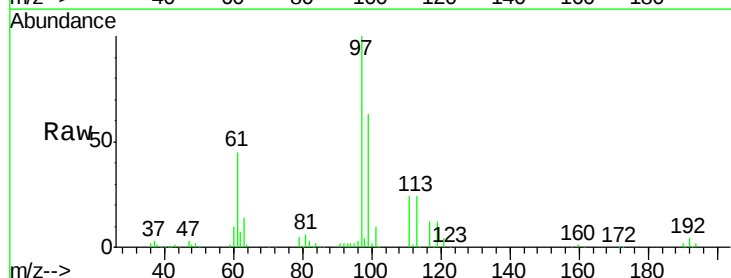
Tgt Ion: 97 Resp: 294393

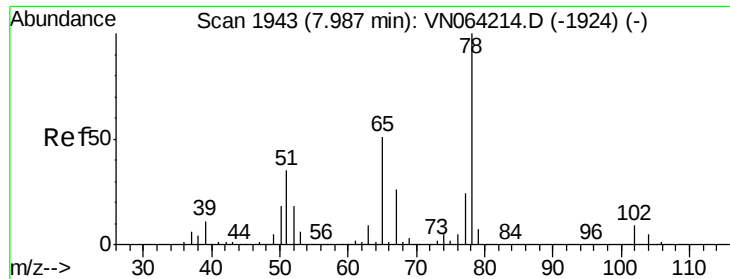
Ion Ratio Lower Upper

97 100

99 63.8 51.2 76.8

61 45.2 36.3 54.5





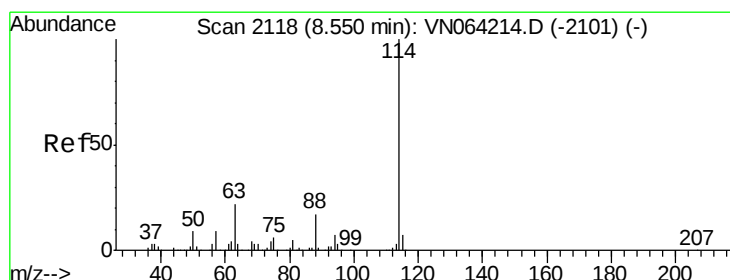
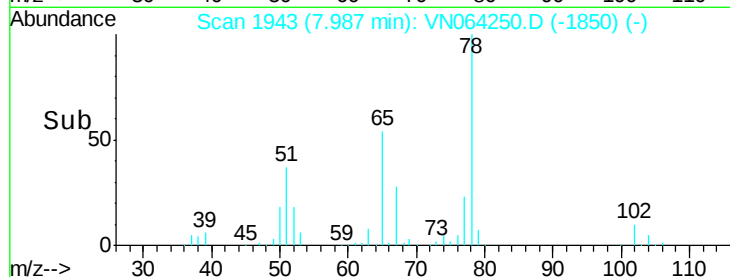
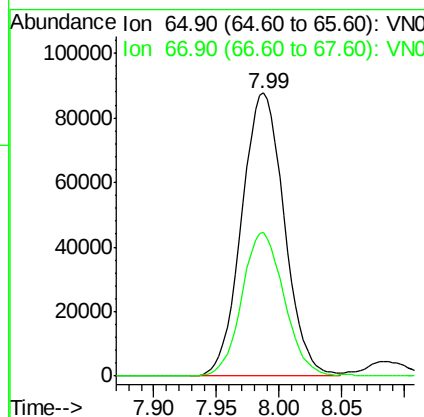
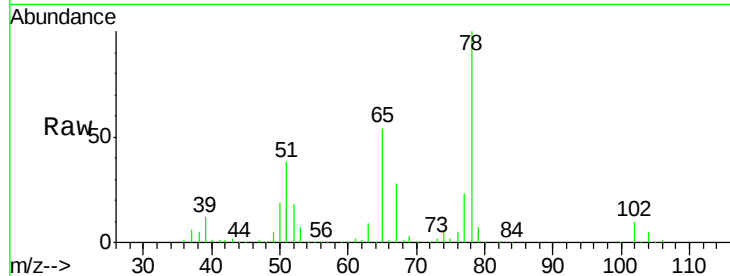
#33
 1,2-Dichloroethane-d4
 Concen: 53.272 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064250.D
 Acq: 22 Oct 2020 6:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	207553		
67	50.3	0.0	100.2	

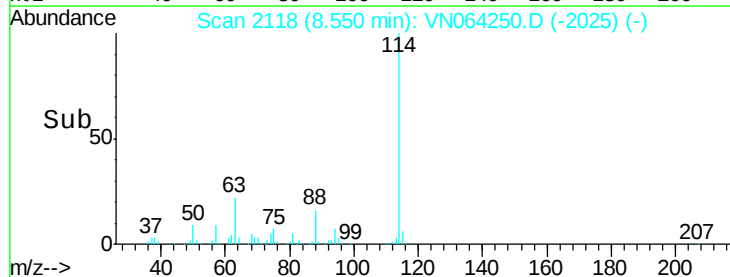
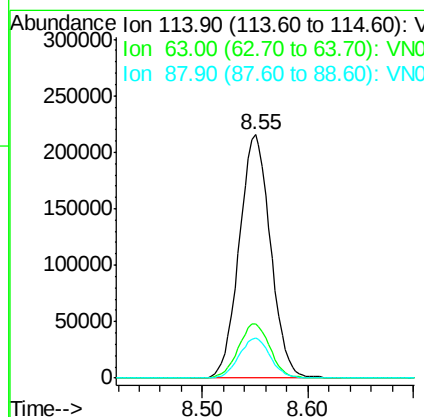
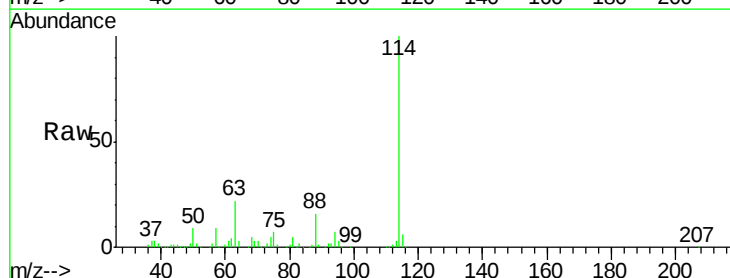
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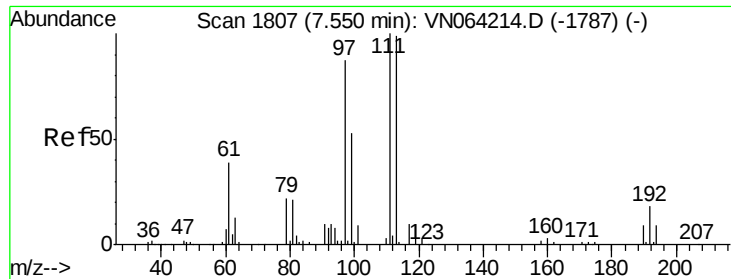
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064250.D
 Acq: 22 Oct 2020 6:11

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	444870		
63	22.3	0.0	44.0	
88	16.4	0.0	34.2	





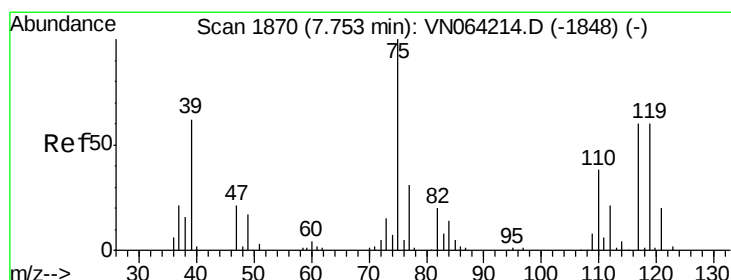
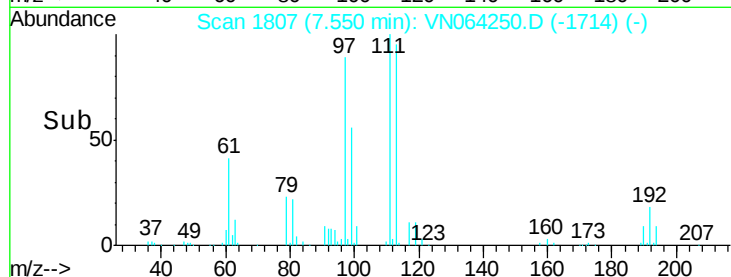
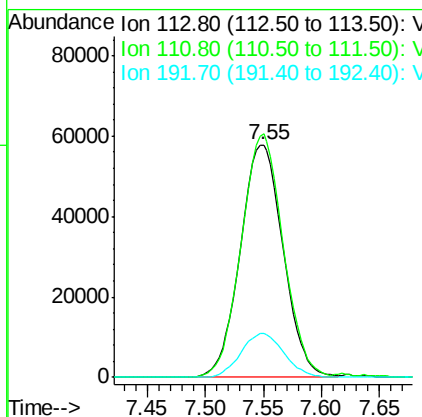
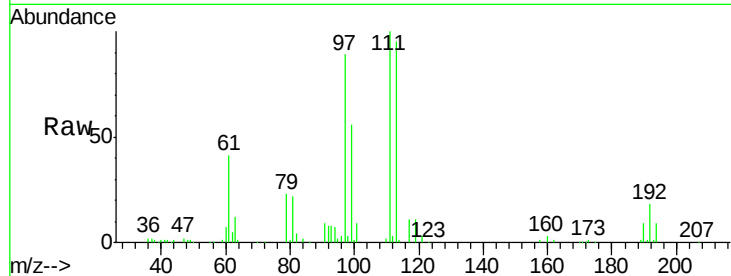
#35
 Dibromofluoromethane
 Concen: 50.555 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VN064250.D
 Acq: 22 Oct 2020 6:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	84.2	126.2
192	18.8	15.2	22.8

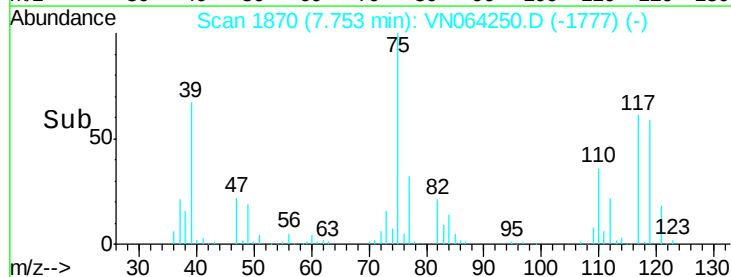
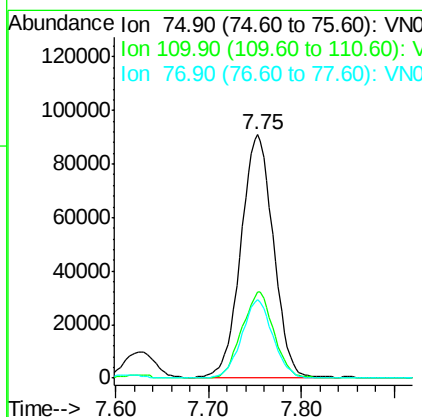
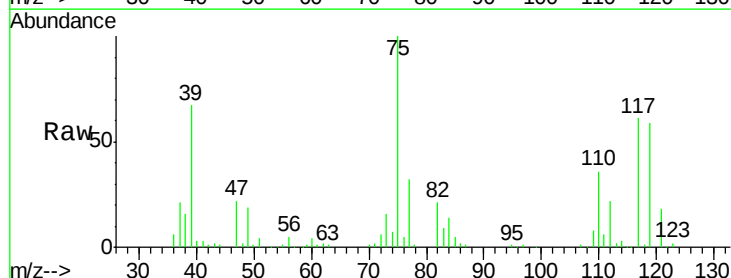
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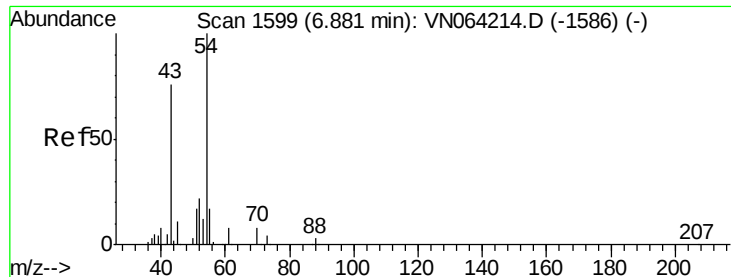
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#36
 1,1-Dichloropropene
 Concen: 50.074 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN064250.D
 Acq: 22 Oct 2020 6:11

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.7	17.2	51.6
77	30.8	24.9	37.3





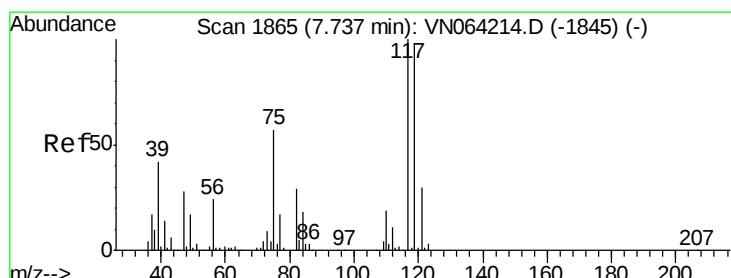
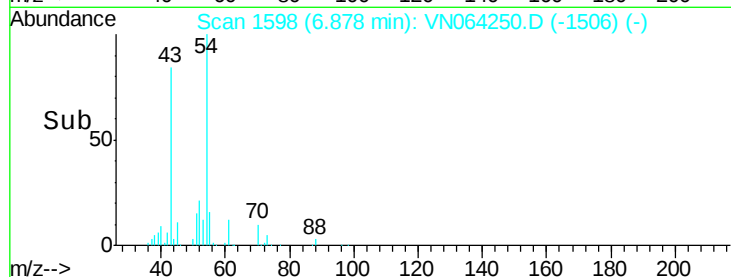
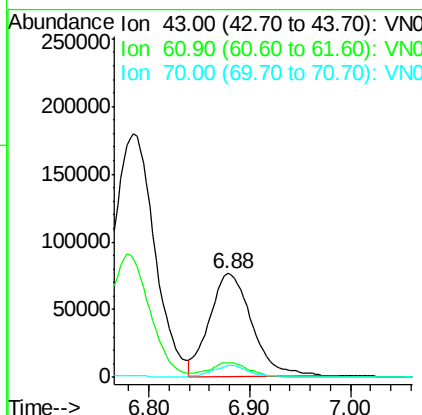
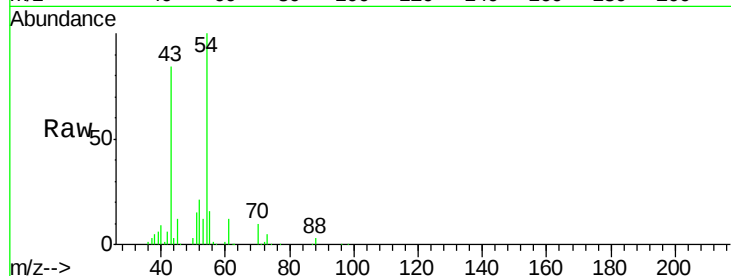
#37
Ethyl Acetate
Concen: 55.207 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN064250.D
Acq: 22 Oct 2020 6:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
43	100	222309		
61	12.8		10.0	15.0
70	10.3		7.5	11.3

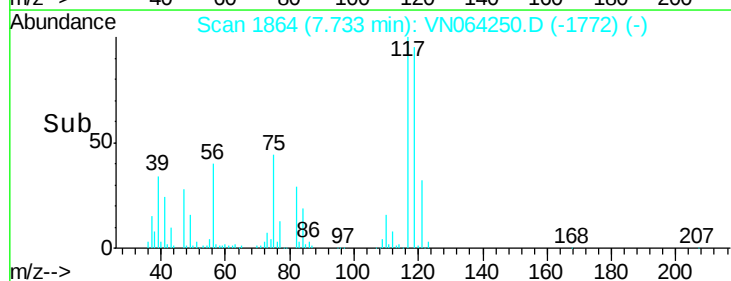
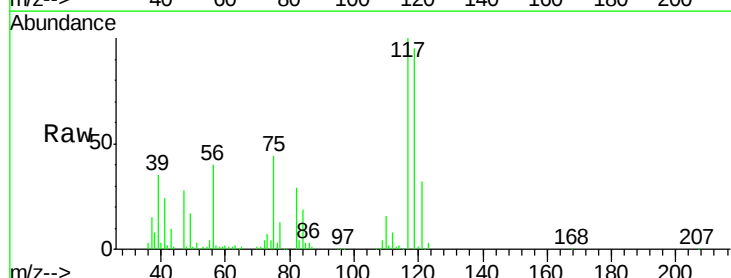
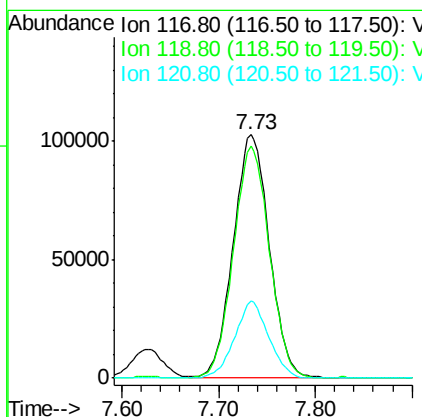
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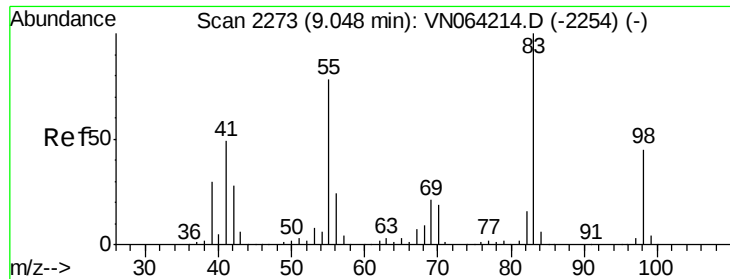
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#38
Carbon Tetrachloride
Concen: 52.532 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064250.D
Acq: 22 Oct 2020 6:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	265085		
119	95.2		78.5	117.7
121	31.8		24.3	36.5





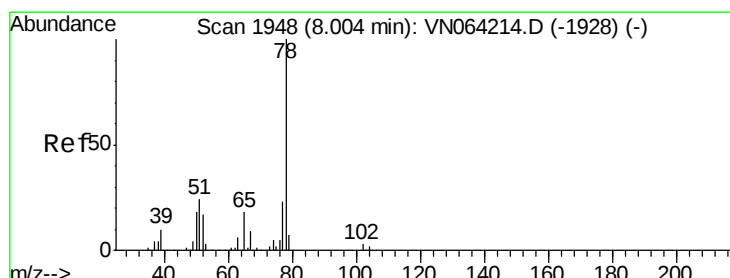
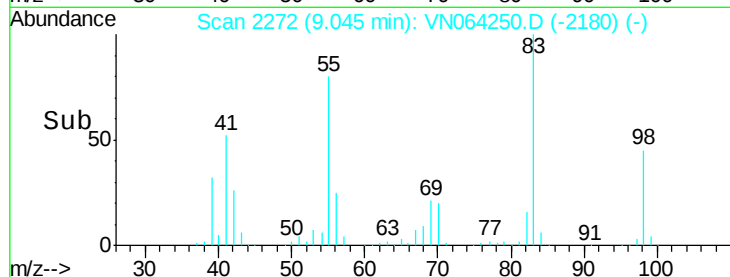
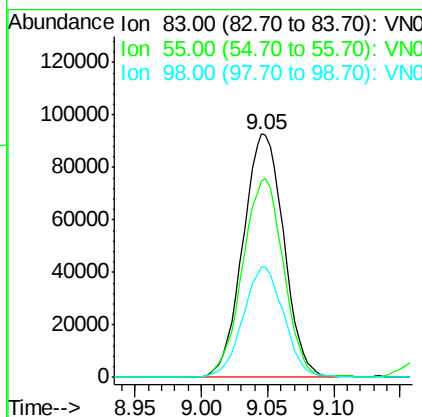
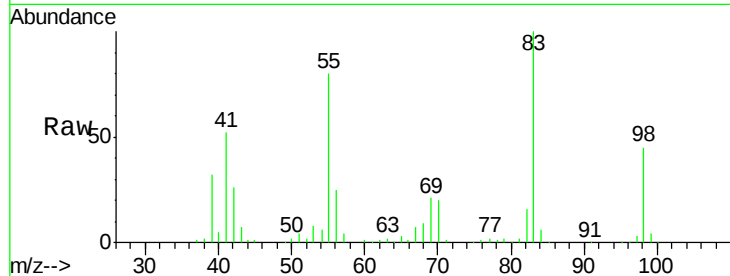
#39
Methvlcvclohexane
Concen: 49.487 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064250.D
Acq: 22 Oct 2020 6:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	199572
Ion Ratio	Lower	Upper	
83	100		
55	80.4	62.2	93.2
98	45.4	35.9	53.9

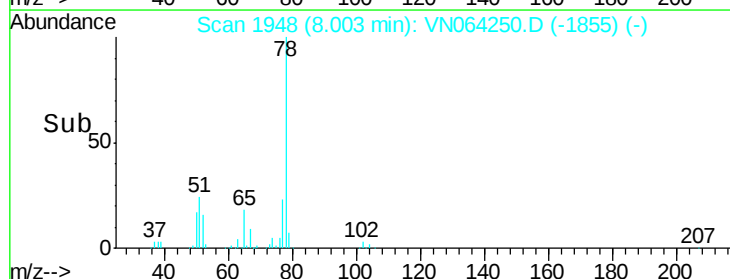
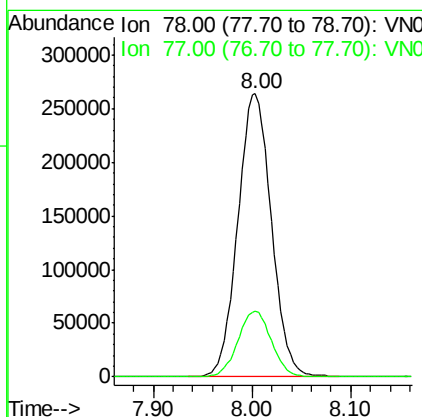
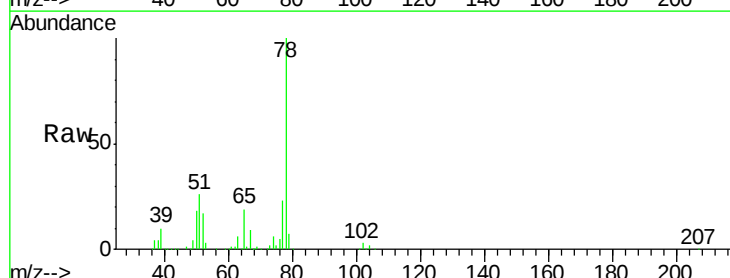
Manual Integrations
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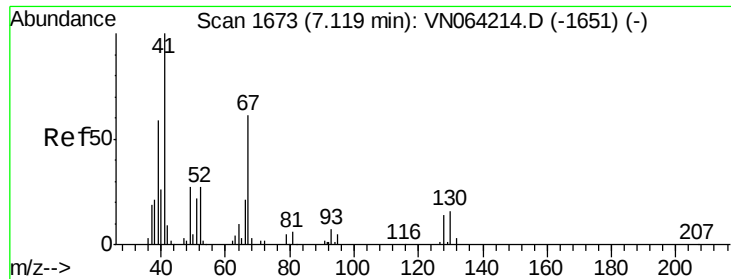
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#40
Benzene
Concen: 50.833 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN064250.D
Acq: 22 Oct 2020 6:11

Tgt Ion	78	Resp	622347
Ion Ratio	Lower	Upper	
78	100		
77	23.4	18.3	27.5





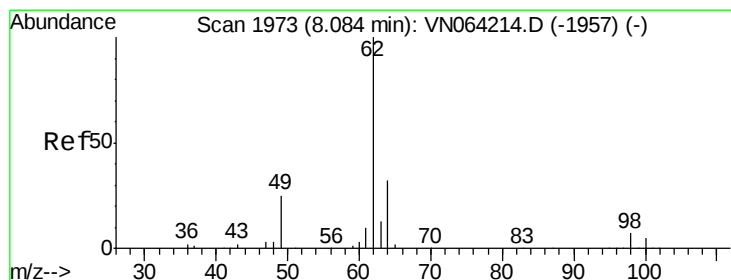
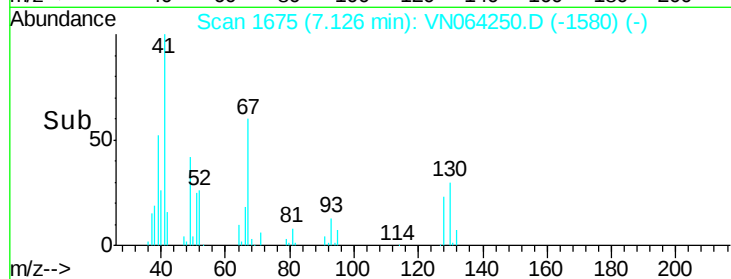
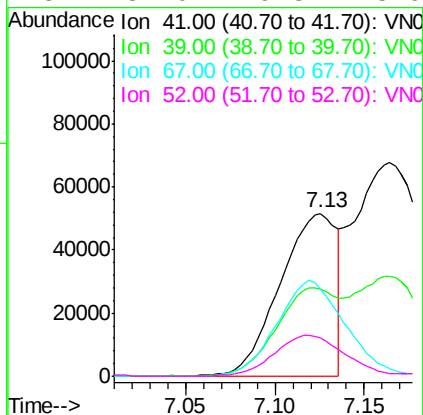
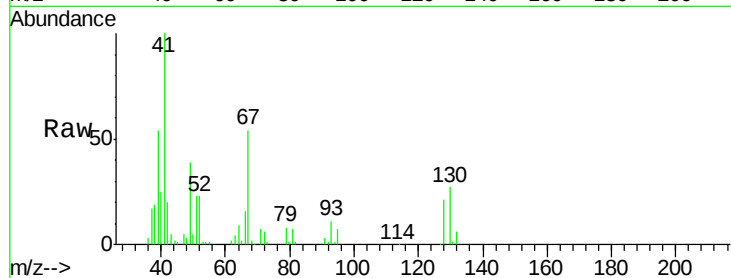
#41
Methacrylonitrile
Concen: 53.635 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. 0.01 min
Lab File: VN064250.D
Acq: 22 Oct 2020 6:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		113294		
39	60.9	50.5	75.7		
67	71.8	63.2	94.8		
52	32.0	29.3	43.9		

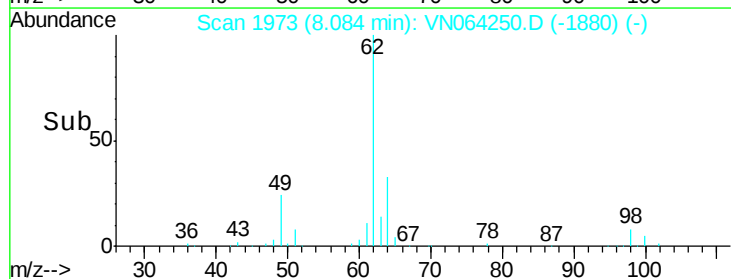
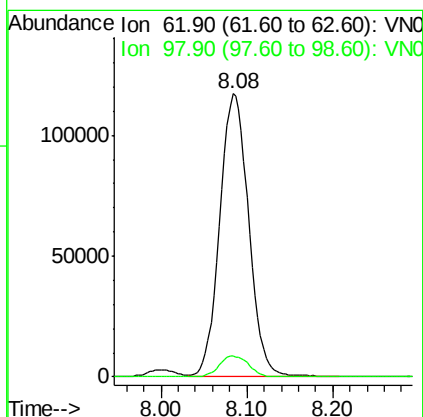
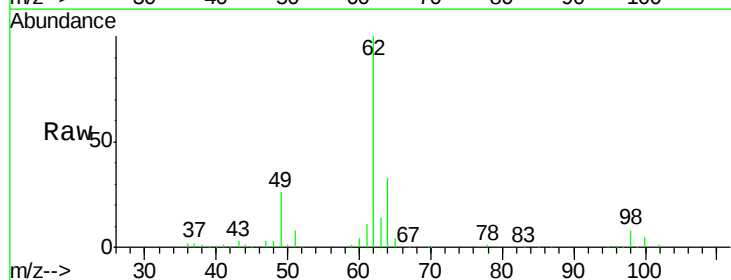
Manual Integrations
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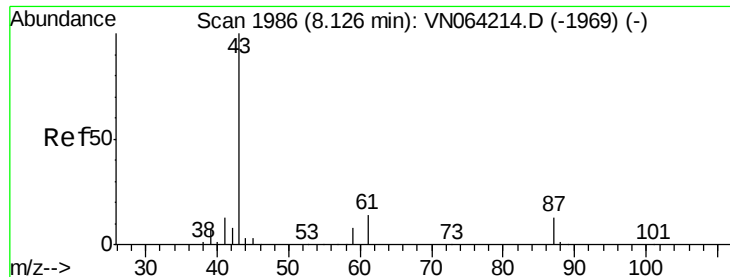
MMDadoda
10/23/2020 2:11:07 PM



#42
1,2-Dichloroethane
Concen: 52.270 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064250.D
Acq: 22 Oct 2020 6:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		274140		
98	7.5	0.0	15.0		





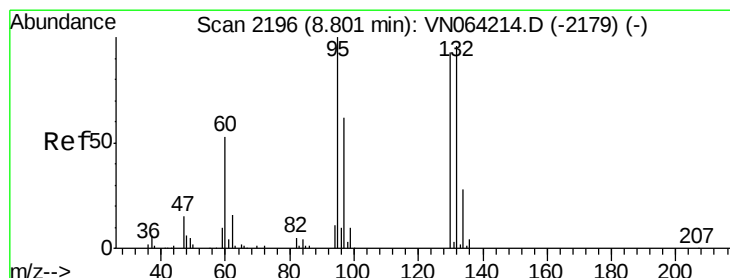
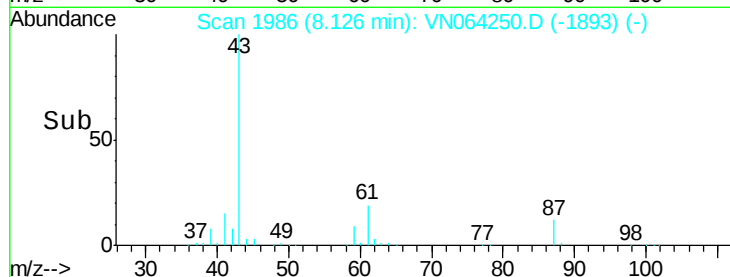
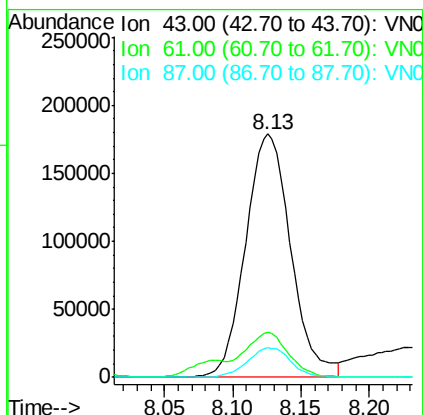
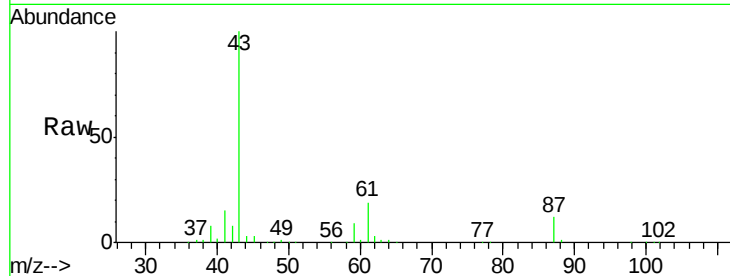
#43
Isopropyl Acetate
Concen: 54.528 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VN064250.D
Acq: 22 Oct 2020 6:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.5	19.6	29.4#
87	11.5	9.8	14.6

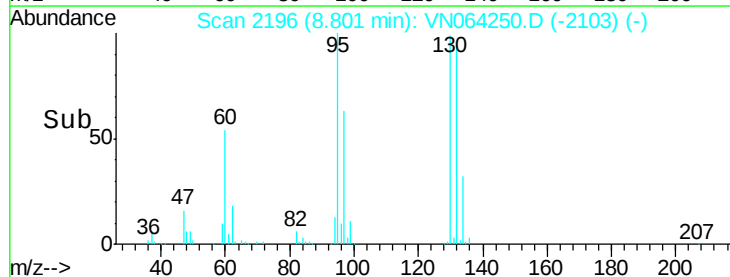
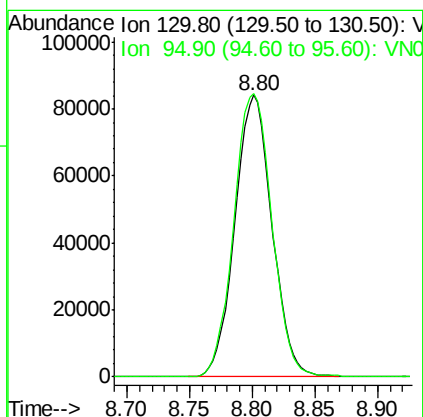
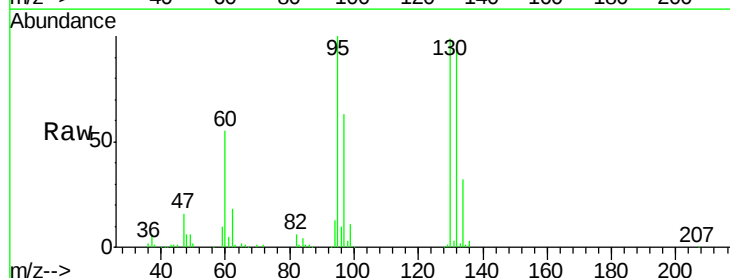
Manual Integrations
APPROVED

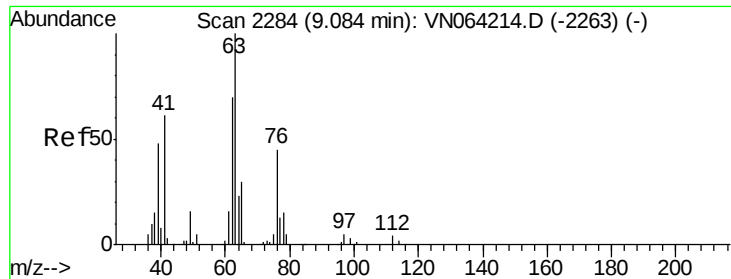
MMDadoda
10/23/2020 2:11:07 PM



#44
Trichloroethene
Concen: 51.931 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. -0.00 min
Lab File: VN064250.D
Acq: 22 Oct 2020 6:11

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.5	0.0	214.0





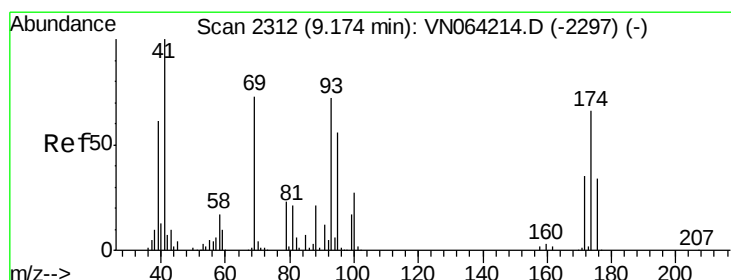
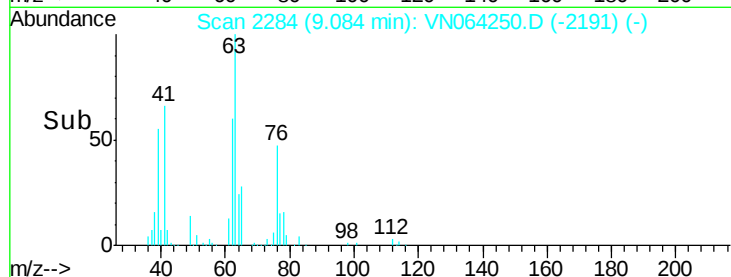
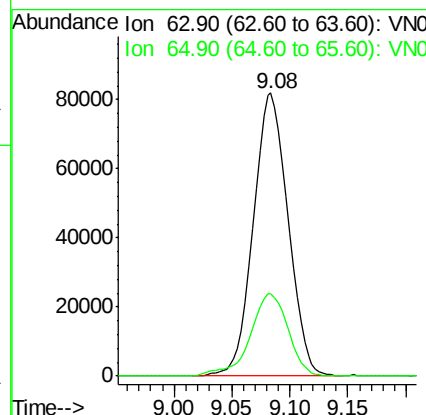
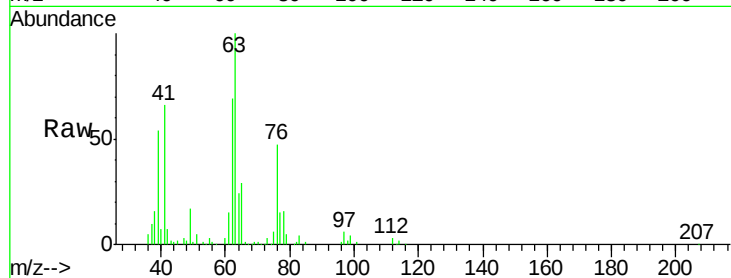
#45
 1,2-Dichloropropane
 Concen: 52.476 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064250.D
 Acq: 22 Oct 2020 6:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.0	24.0	36.0

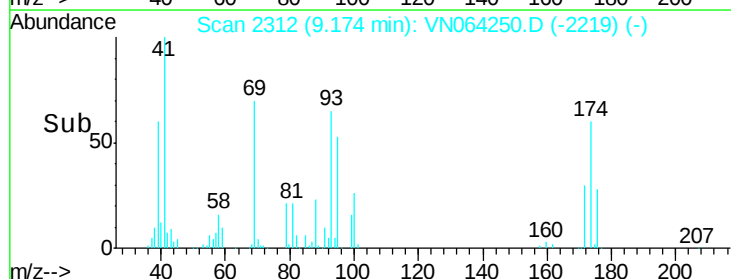
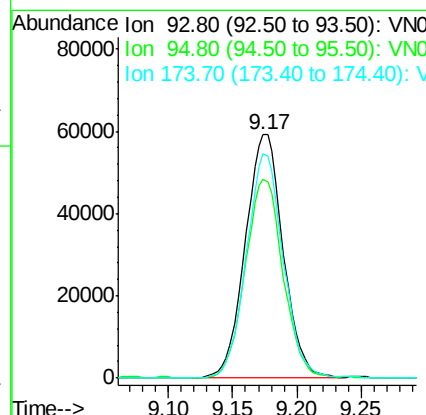
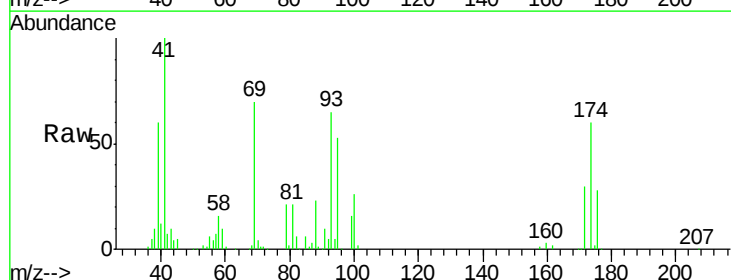
Manual Integrations
 APPROVED

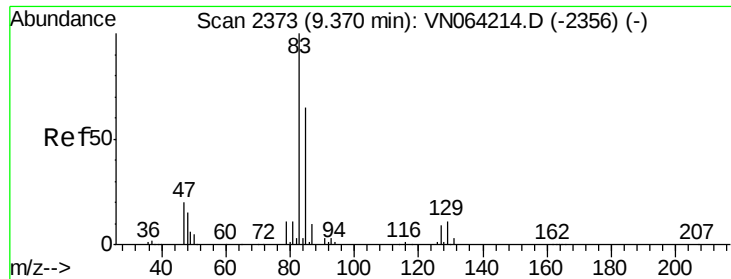
MMDadoda
 10/23/2020 2:11:07 PM



#46
 Dibromomethane
 Concen: 55.191 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN064250.D
 Acq: 22 Oct 2020 6:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.2	63.0	94.4
174	89.5	72.9	109.3





#47

Bromodichloromethane

Concen: 53.160 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN064250.D

Acq: 22 Oct 2020 6:11

Instrument :

MSVOA_N

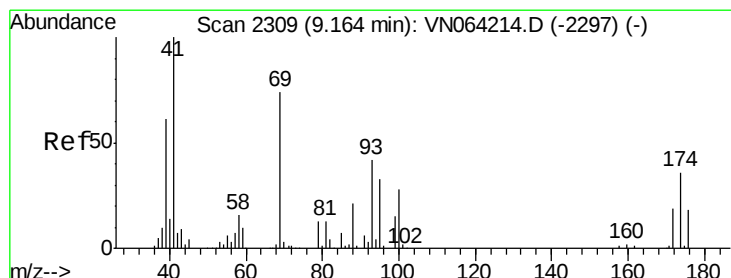
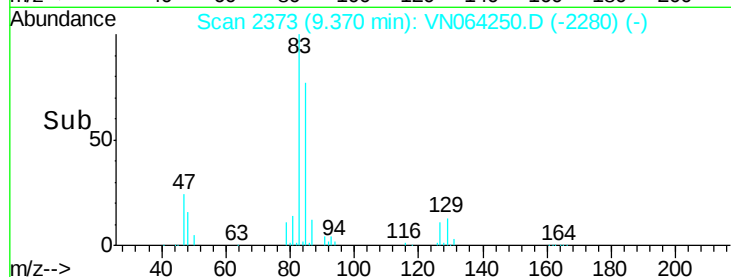
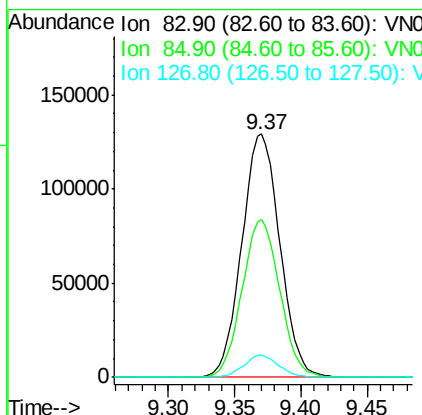
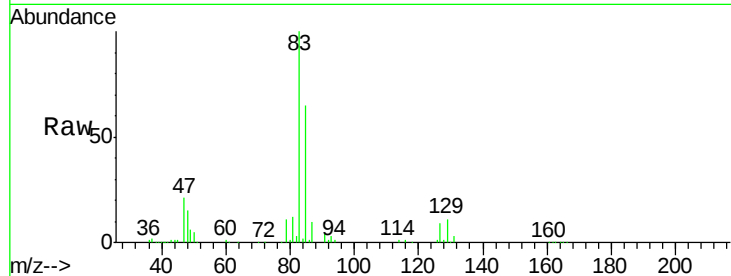
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	257752
Ion Ratio	Lower	Upper	
83	100		
85	64.9	51.8	77.8
127	9.1	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.656 ug/l

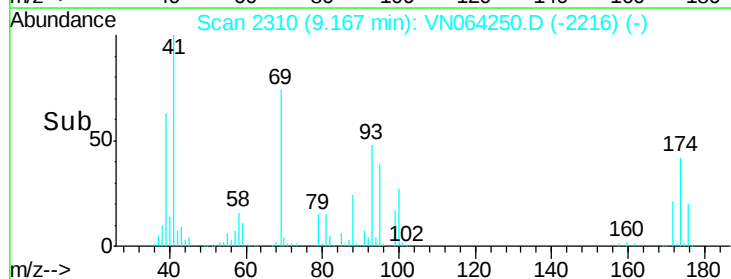
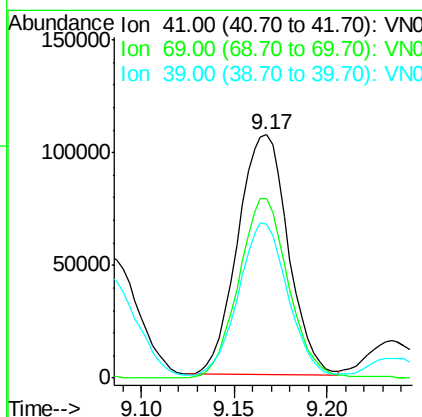
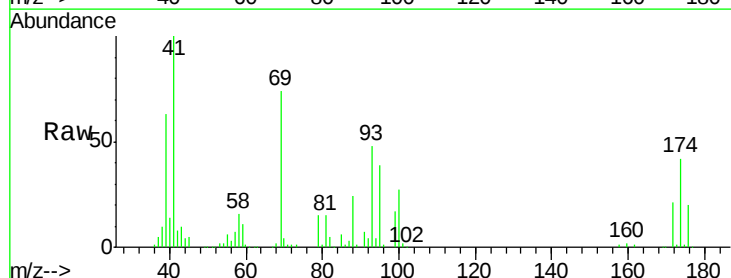
RT: 9.17 min Scan# 2310

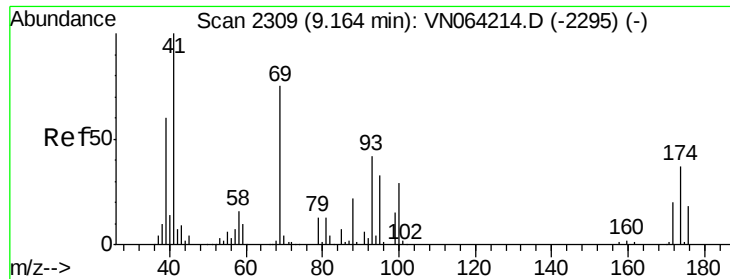
Delta R.T. 0.00 min

Lab File: VN064250.D

Acq: 22 Oct 2020 6:11

Tgt Ion:	41	Resp:	202506
Ion Ratio	Lower	Upper	
41	100		
69	73.7	57.3	85.9
39	63.6	48.6	73.0





#49

1,4-Dioxane

Concen: 1183.647 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN064250.D

Acq: 22 Oct 2020 6:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 88 Resp: 54293

Ion Ratio Lower Upper

88 100

43 38.4 34.6 52.0

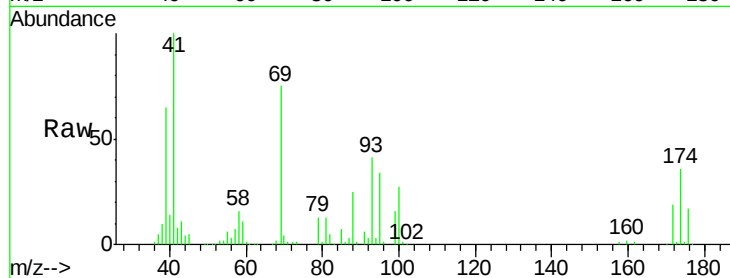
58 67.8 59.0 88.6

Manual Integrations

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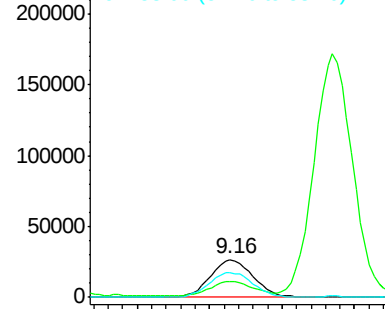
10/23/2020 2:11:07 PM



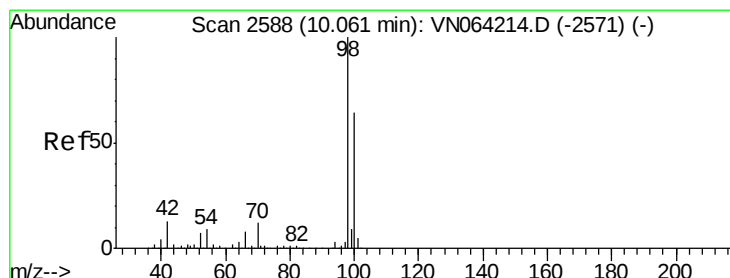
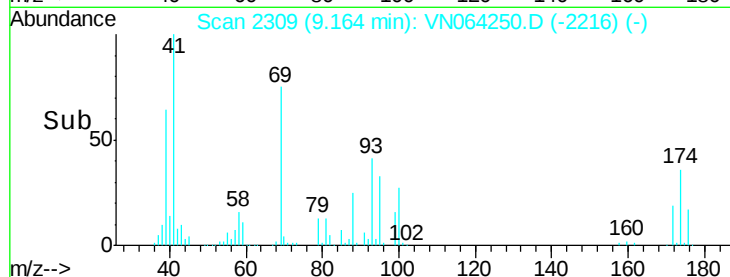
Abundance Ion 88.00 (87.70 to 88.70): VN064214.D (-2295) (-)

Ion 43.00 (42.70 to 43.70): VN064214.D (-2295) (-)

Ion 58.00 (57.70 to 58.70): VN064214.D (-2295) (-)



Time-->



#50

Toluene-d8

Concen: 50.729 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. -0.00 min

Lab File: VN064250.D

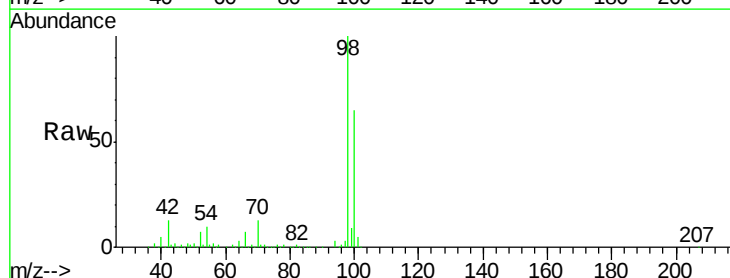
Acq: 22 Oct 2020 6:11

Tgt Ion: 98 Resp: 544274

Ion Ratio Lower Upper

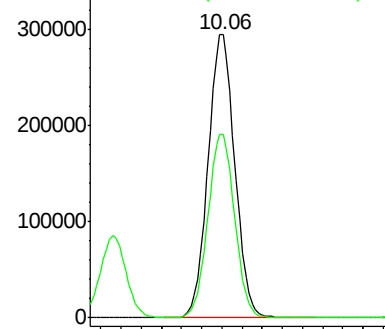
98 100

100 64.5 50.8 76.2

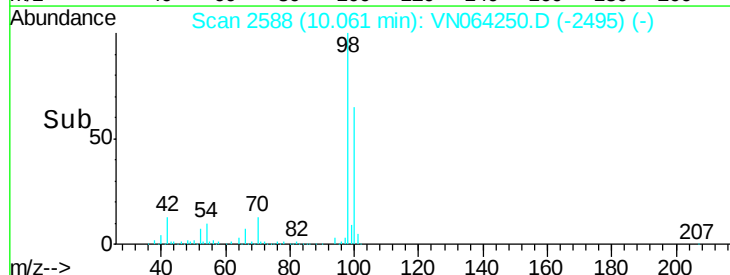


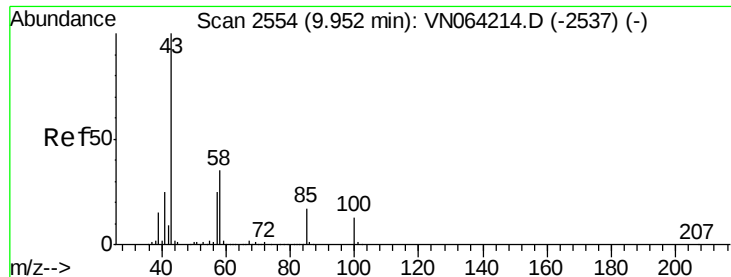
Abundance Ion 98.00 (97.70 to 98.70): VN064214.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN064214.D (-2571) (-)



Time-->





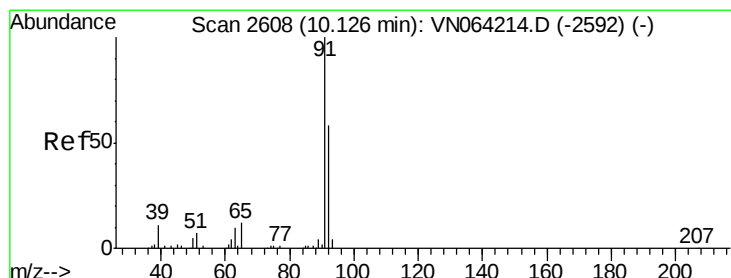
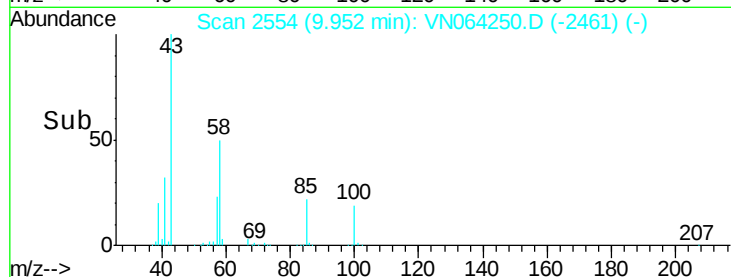
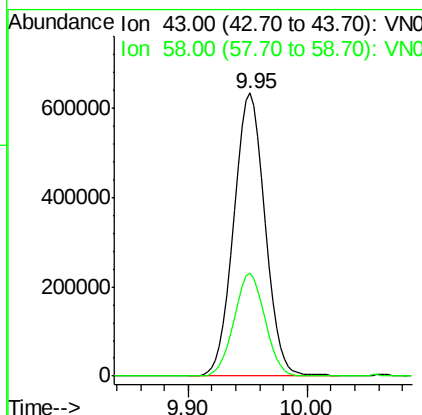
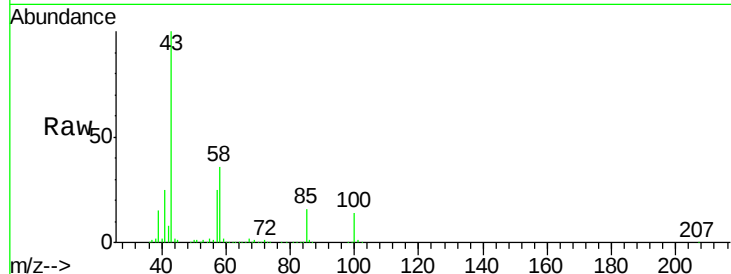
#51
4-Methyl-2-Pentanone
Concen: 286.397 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN064250.D
Acq: 22 Oct 2020 6:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1148697
Ion Ratio Lower Upper
43 100
58 36.1 28.6 42.8

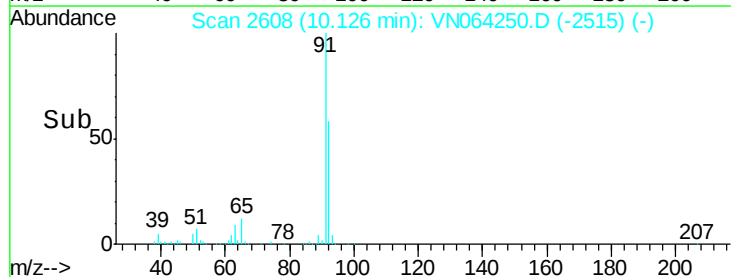
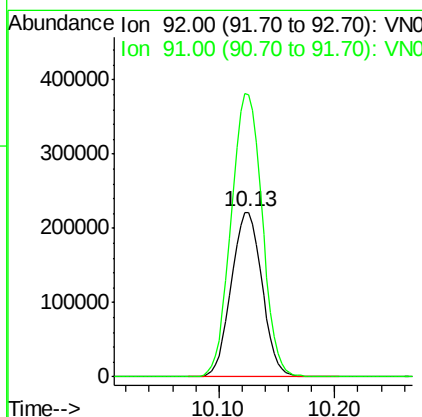
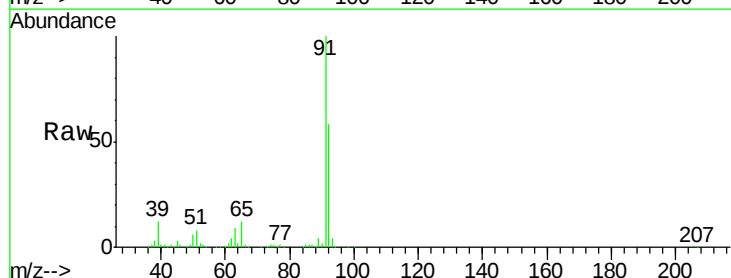
Manual Integrations
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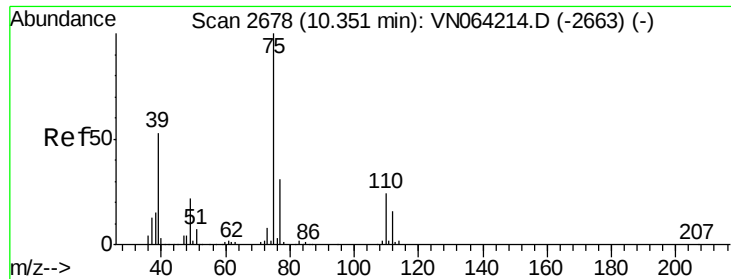
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#52
Toluene
Concen: 52.037 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. -0.00 min
Lab File: VN064250.D
Acq: 22 Oct 2020 6:11

Tgt Ion: 92 Resp: 407646
Ion Ratio Lower Upper
92 100
91 172.9 137.4 206.2





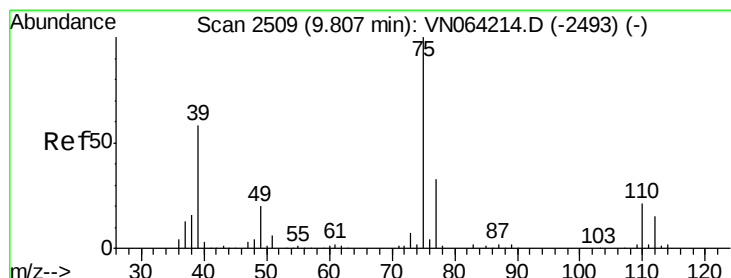
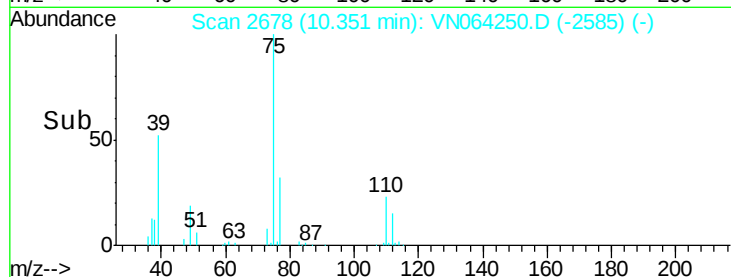
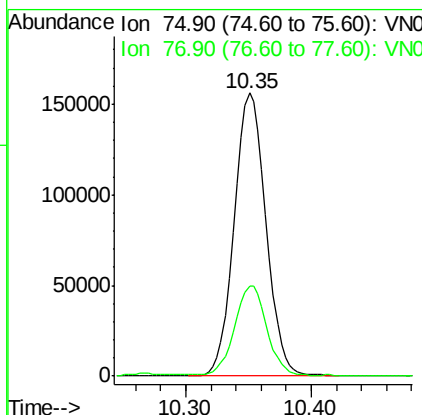
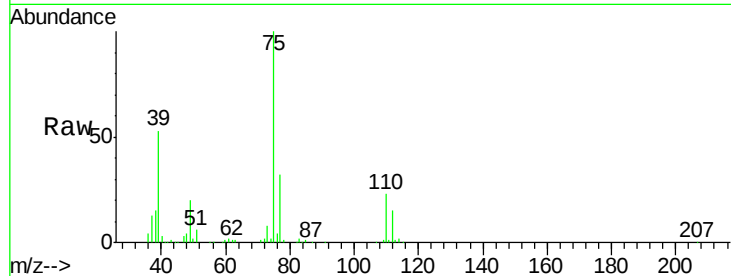
#53
t-1,3-Dichloropropene
Concen: 51.024 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN064250.D
Acq: 22 Oct 2020 6:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 274823
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.2

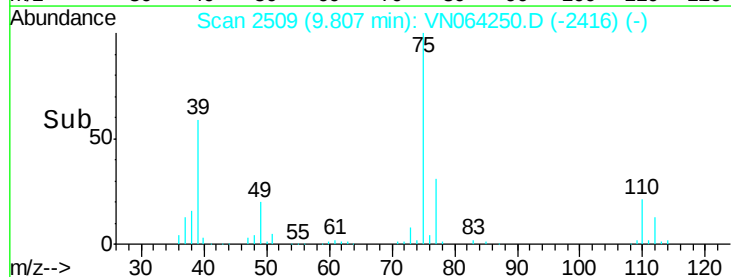
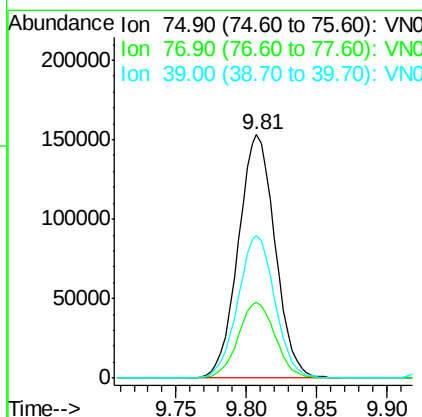
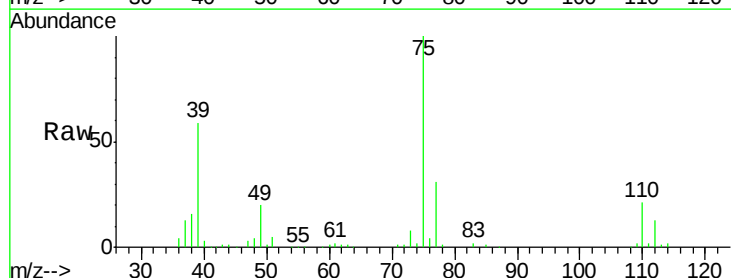
Manual Integrations
APPROVED

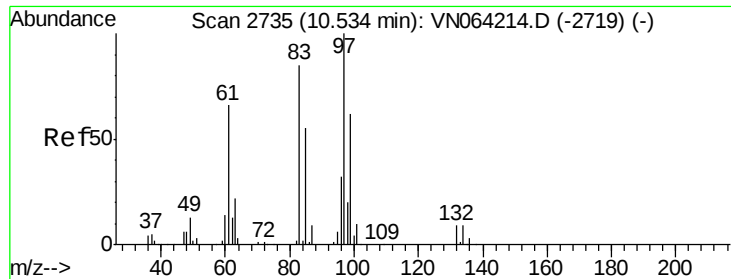
MMDadoda
10/23/2020 2:11:07 PM



#54
cis-1,3-Dichloropropene
Concen: 49.457 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN064250.D
Acq: 22 Oct 2020 6:11

Tgt Ion: 75 Resp: 280477
Ion Ratio Lower Upper
75 100
77 31.0 26.6 39.8
39 58.8 46.7 70.1





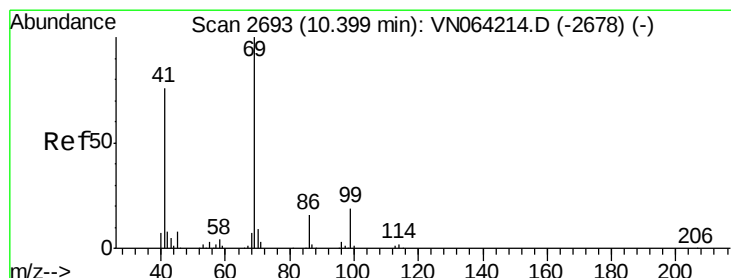
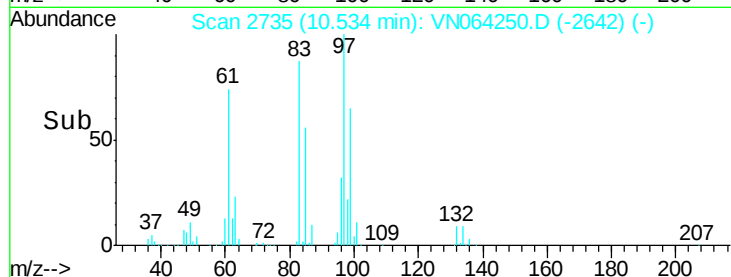
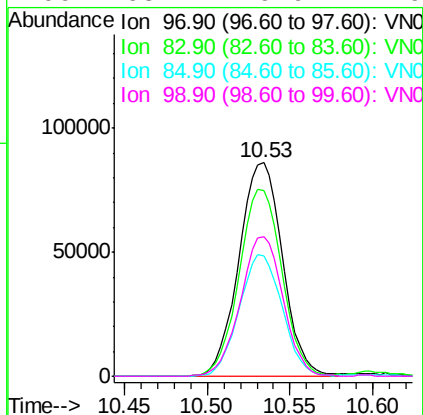
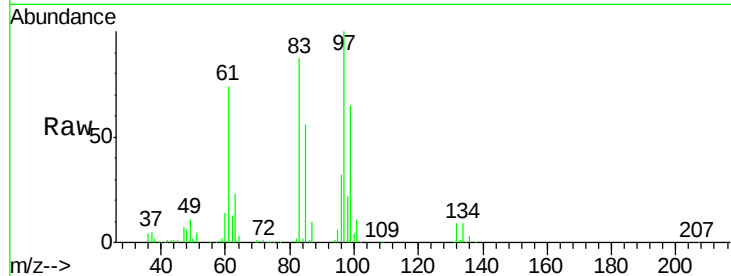
#55
1,1,2-Trichloroethane
Concen: 53.386 ug/l
RT: 10.53 min Scan# 2735
Delta R.T. -0.00 min
Lab File: VN064250.D
Acq: 22 Oct 2020 6:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:	97	Resp:	157950
Ion	Ratio	Lower	Upper
97	100		
83	87.0	67.8	101.6
85	56.1	43.6	65.4
99	65.4	49.9	74.9

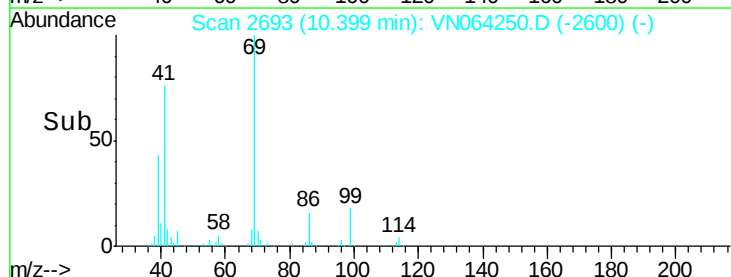
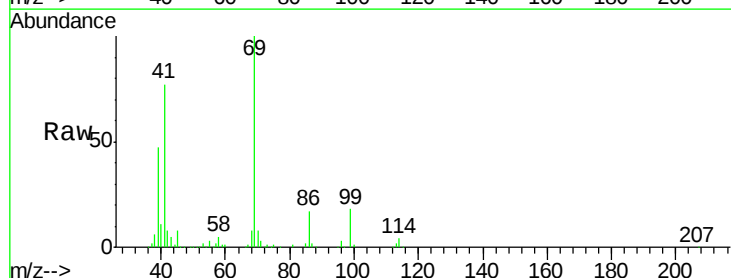
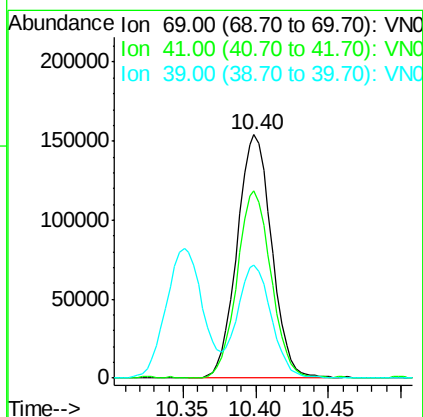
Manual Integrations
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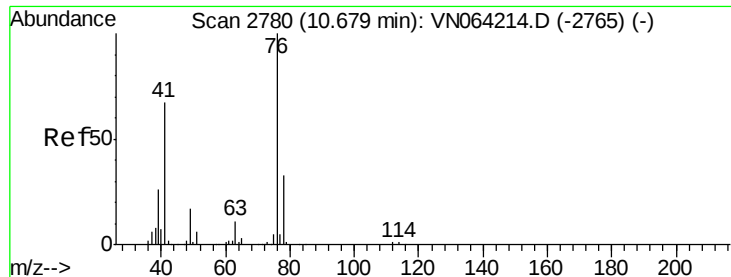
MMDadoda
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#56
Ethyl methacrylate
Concen: 55.979 ug/l
RT: 10.40 min Scan# 2693
Delta R.T. -0.00 min
Lab File: VN064250.D
Acq: 22 Oct 2020 6:11

Tgt Ion:	69	Resp:	256092
Ion	Ratio	Lower	Upper
69	100		
41	75.1	61.4	92.2
39	45.3	36.0	54.0





#57

1,3-Dichloropropane

Concen: 54.261 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. -0.00 min

Lab File: VN064250.D

Acq: 22 Oct 2020 6:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 278853

Ion Ratio Lower Upper

76 100

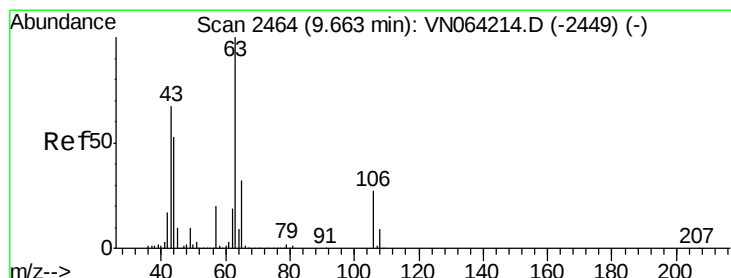
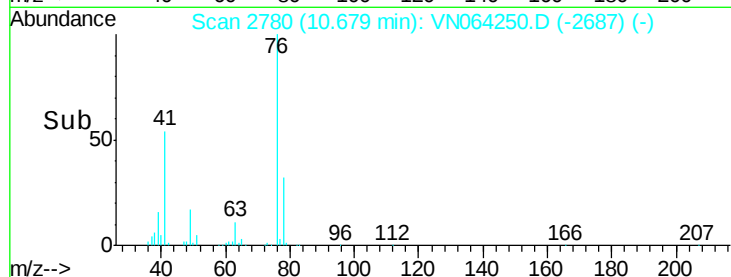
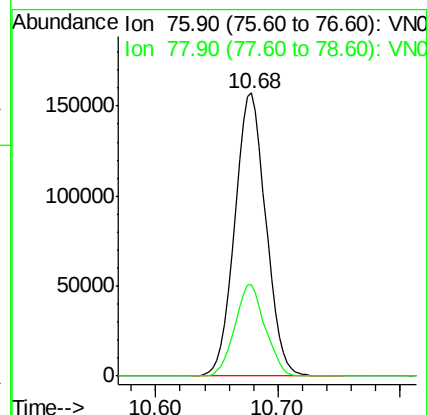
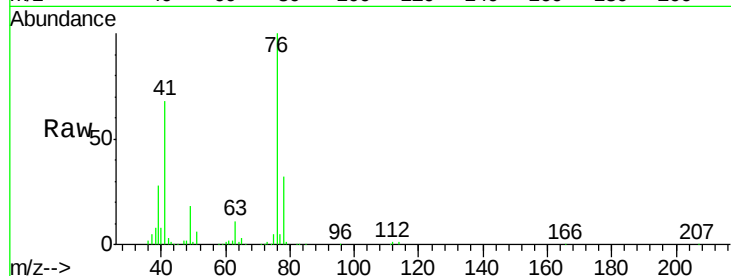
78 31.7 26.2 39.2

Manual Integrations

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10/23/2020 2:11:07 PM



#58

2-Chloroethyl Vinyl ether

Concen: 267.017 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN064250.D

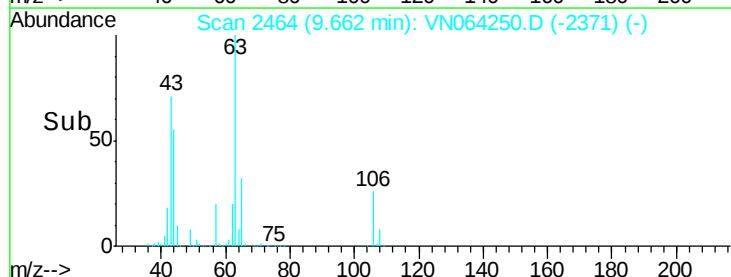
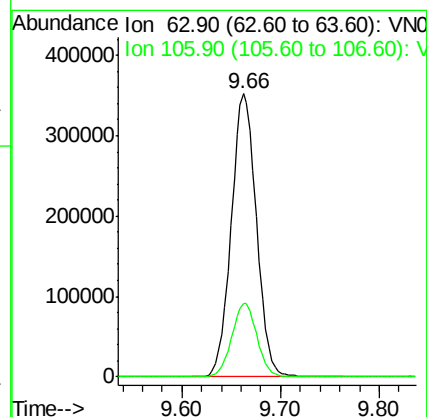
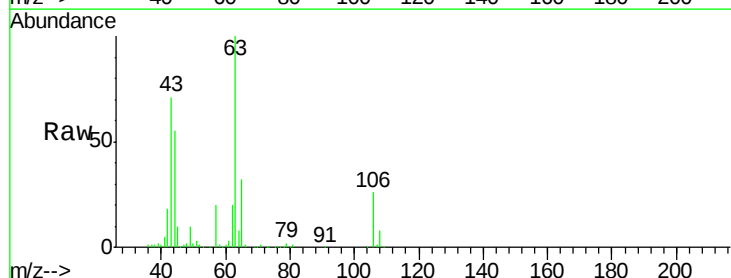
Acq: 22 Oct 2020 6:11

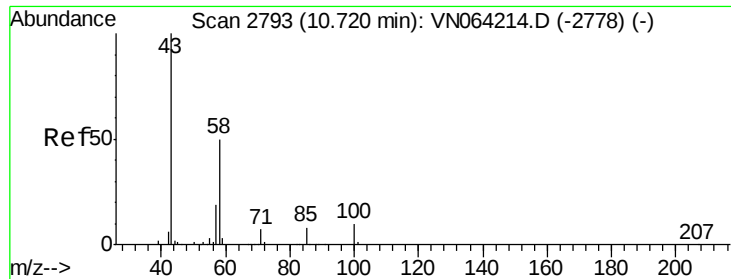
Tgt Ion: 63 Resp: 629017

Ion Ratio Lower Upper

63 100

106 26.0 21.3 31.9





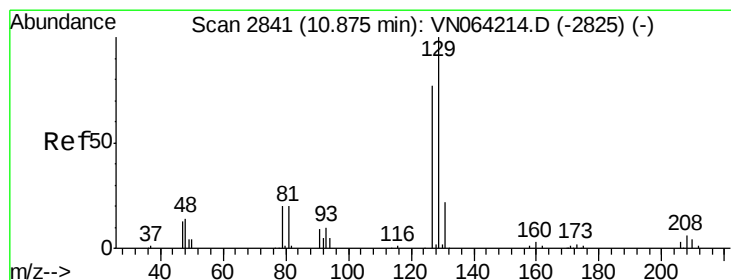
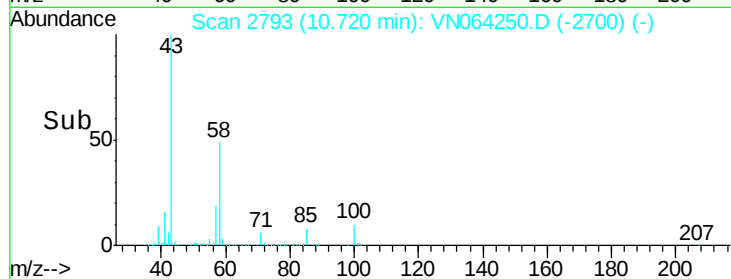
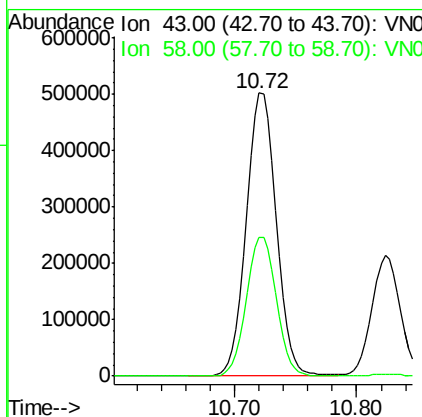
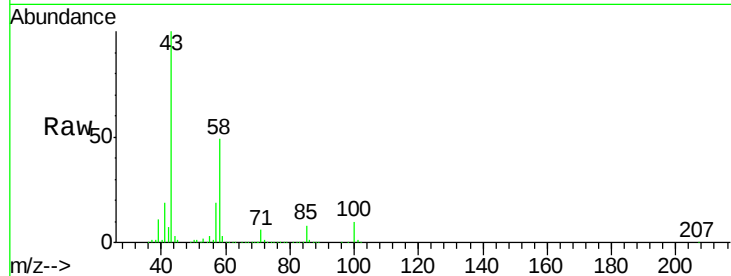
#59
2-Hexanone
Concen: 288.002 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064250.D
Acq: 22 Oct 2020 6:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	843605
Ion Ratio	100	Lower	Upper
43	100		
58	49.3	24.8	74.3

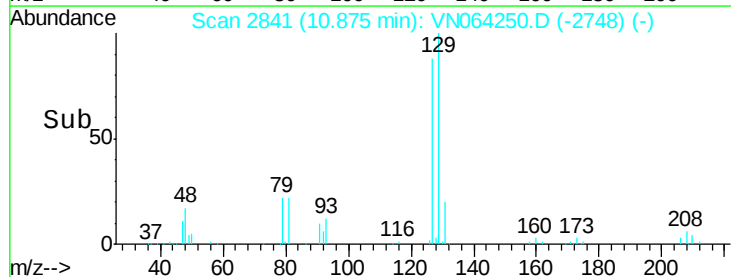
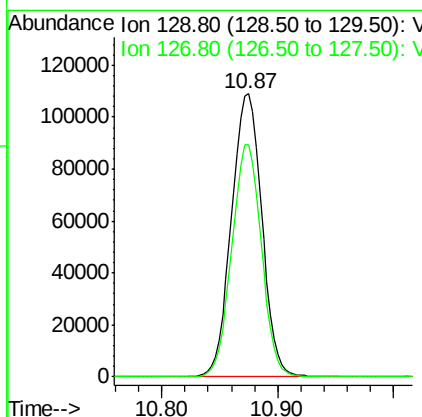
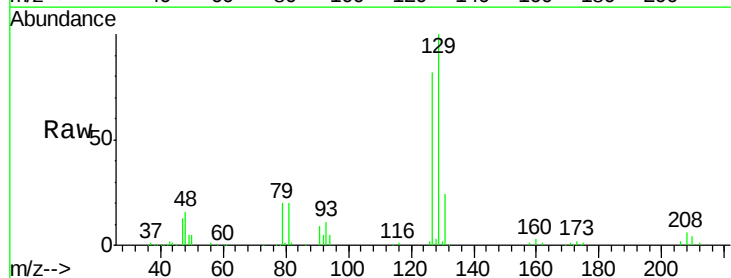
Manual Integrations
APPROVED

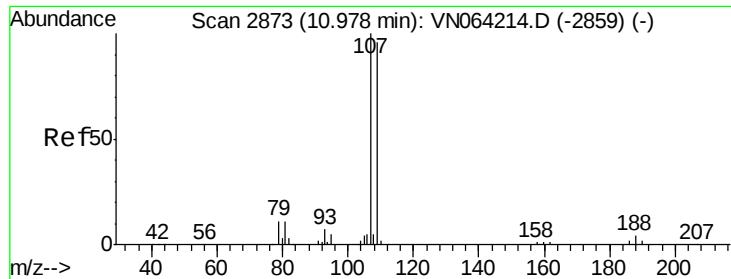
MMDadoda
10/23/2020 2:11:07 PM



#60
Dibromochloromethane
Concen: 51.799 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VN064250.D
Acq: 22 Oct 2020 6:11

Tgt Ion	129	Resp	198395
Ion Ratio	100	Lower	Upper
129	100		
127	79.8	38.8	116.3





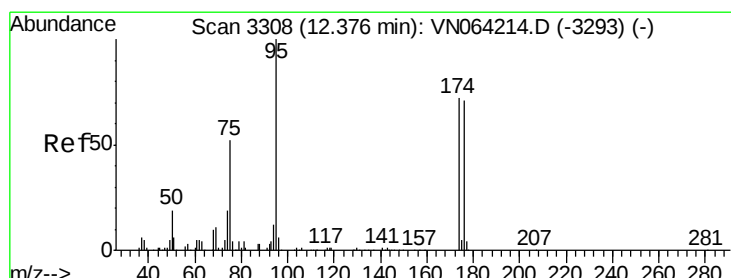
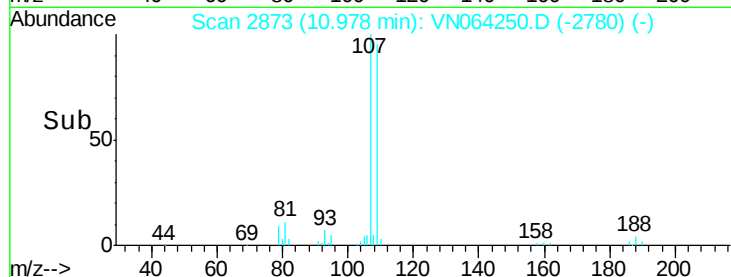
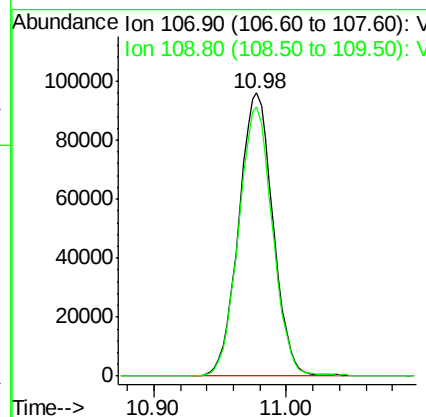
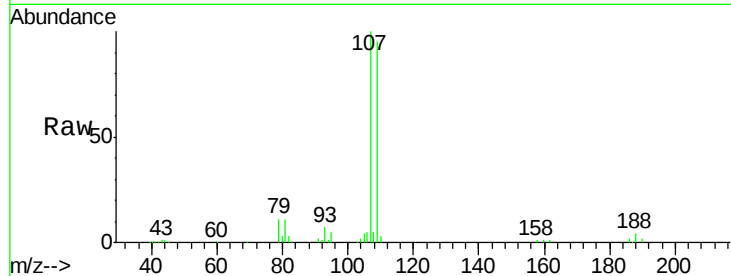
#61
 1,2-Dibromoethane
 Concen: 55.088 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN064250.D
 Acq: 22 Oct 2020 6:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.2	76.2	114.4

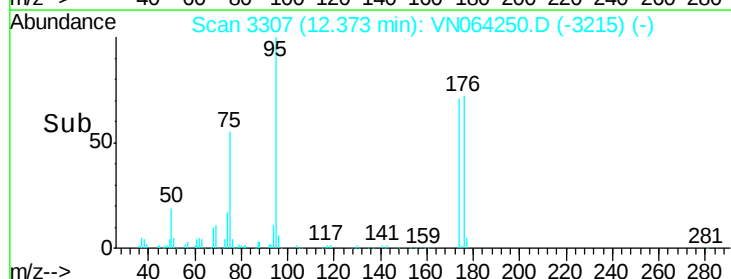
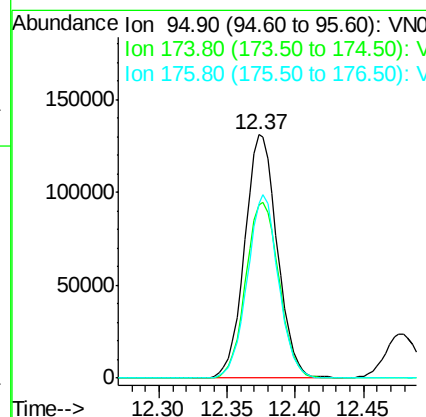
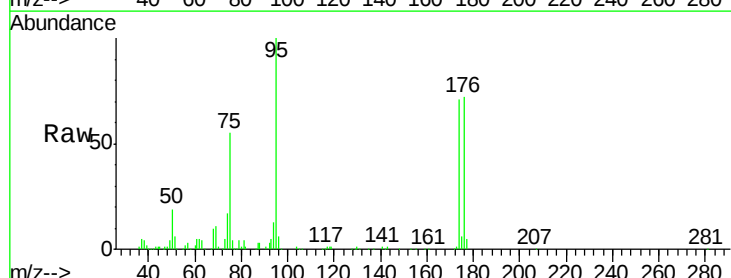
Manual Integrations
 APPROVED

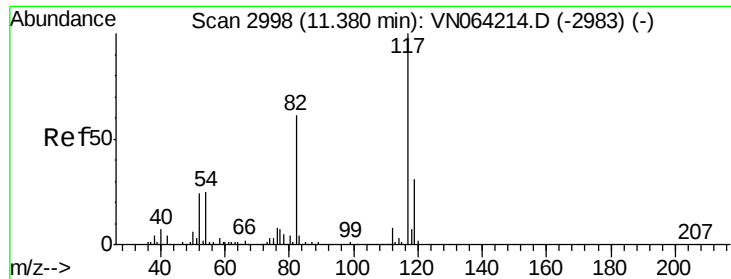
MMDadoda
 10/23/2020 2:11:07 PM



#62
 4-Bromofluorobenzene
 Concen: 49.900 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN064250.D
 Acq: 22 Oct 2020 6:11

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.9	0.0	144.4
176	72.2	0.0	139.2





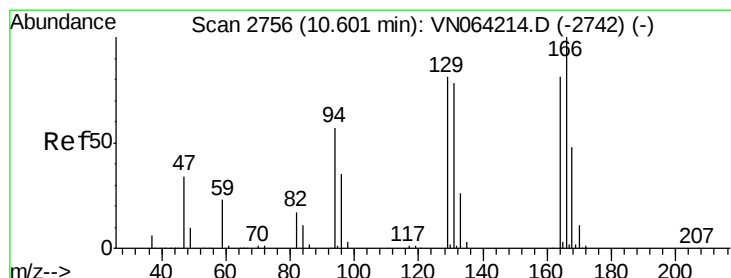
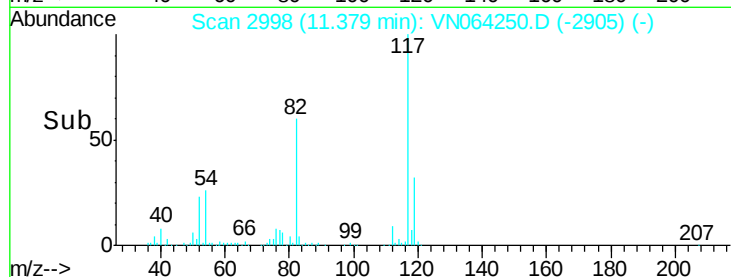
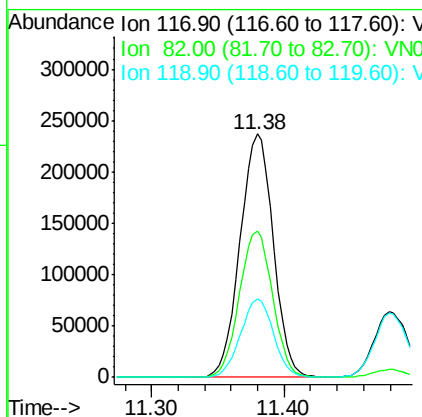
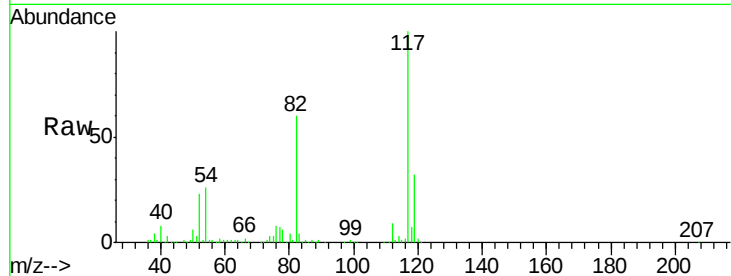
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064250.D
Acq: 22 Oct 2020 6:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	413125		
82	60.1	48.8	73.2	
119	32.1	24.7	37.1	

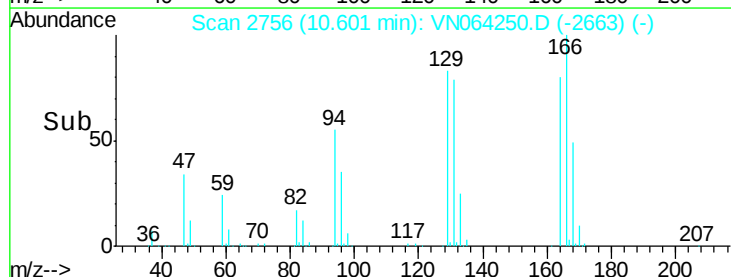
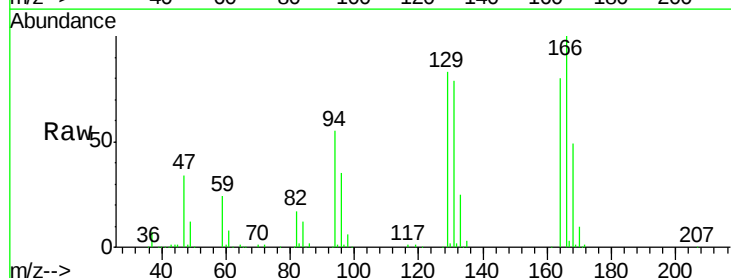
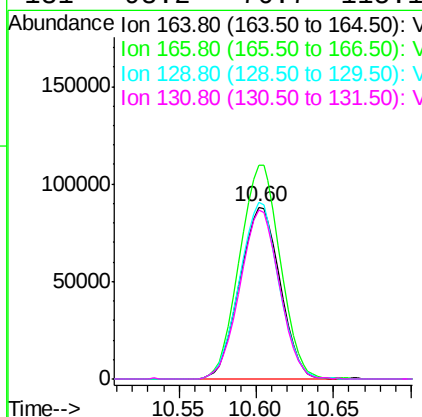
Manual Integrations
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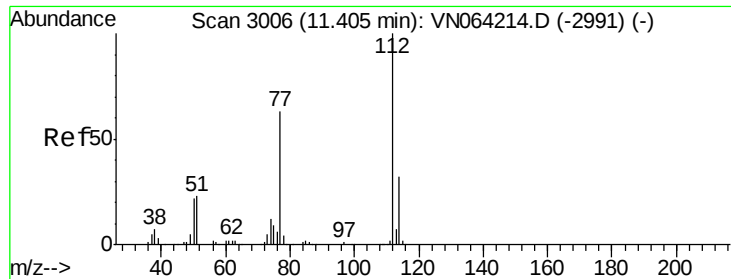
MMDadoda
10/23/2020 2:11:07 PM



#64
Tetrachloroethene
Concen: 48.190 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064250.D
Acq: 22 Oct 2020 6:11

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	160276		
166	124.3	98.9	148.3	
129	102.7	79.9	119.9	
131	98.2	76.7	115.1	





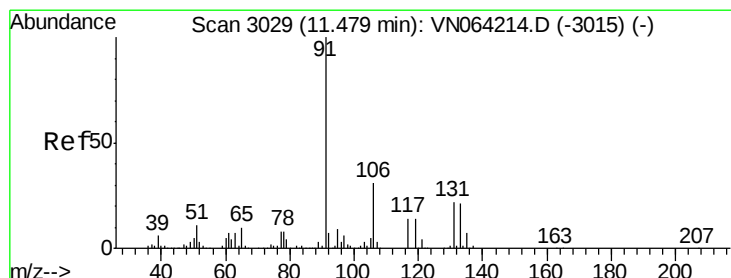
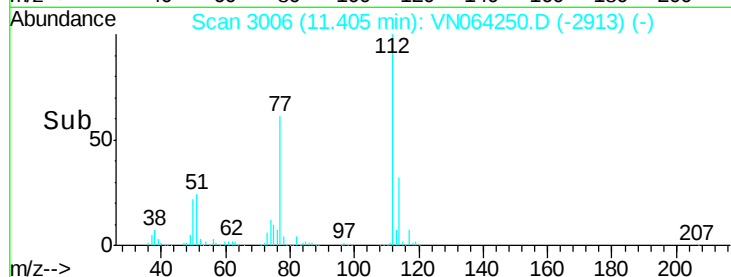
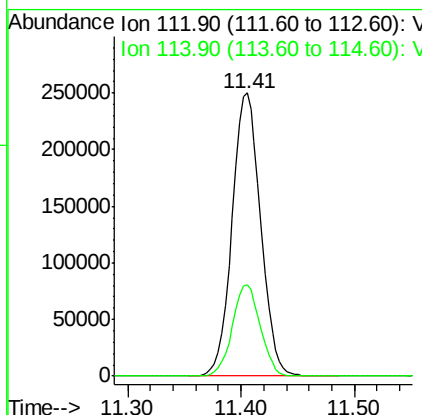
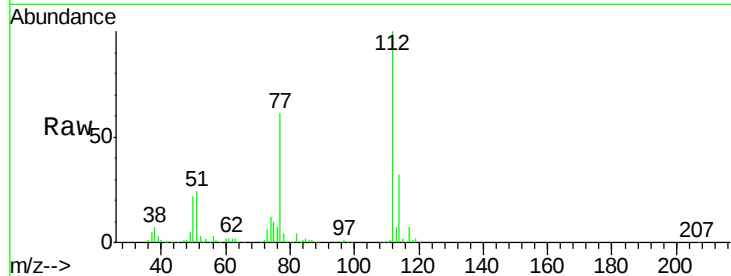
#65
Chlorobenzene
Concen: 51.256 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN064250.D
Acq: 22 Oct 2020 6:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.7	38.5

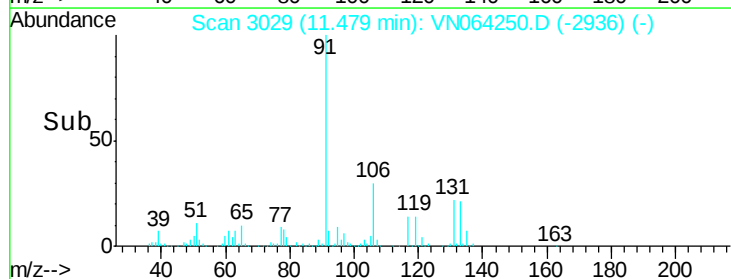
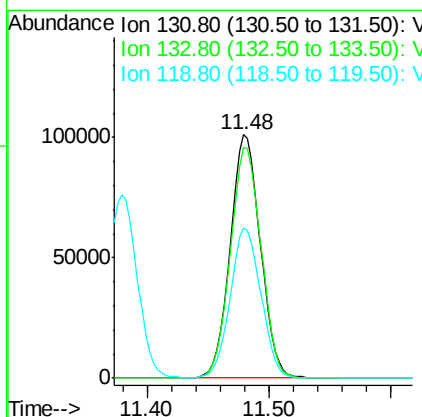
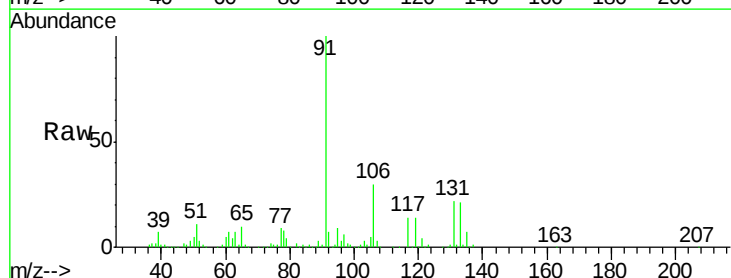
Manual Integrations
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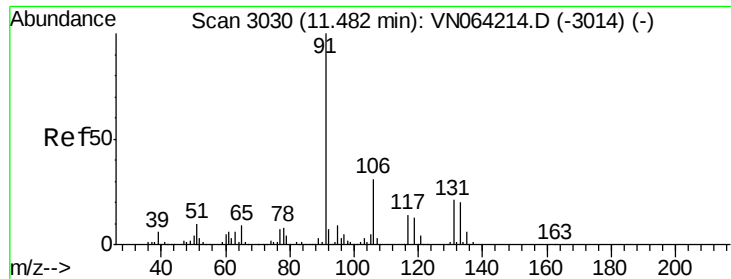
MMDadoda
10/23/2020 2:11:07 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 51.372 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064250.D
Acq: 22 Oct 2020 6:11

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.3	47.8	143.4
119	62.0	32.2	96.6





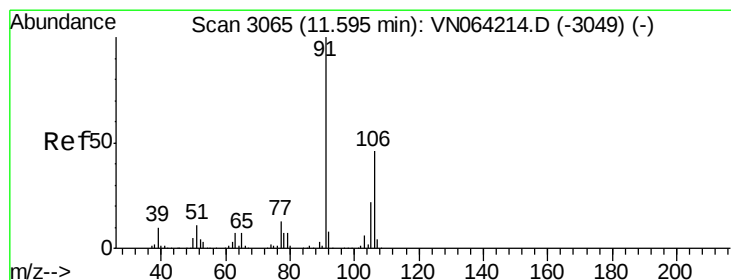
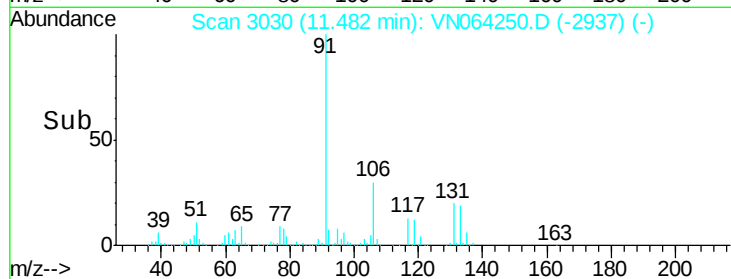
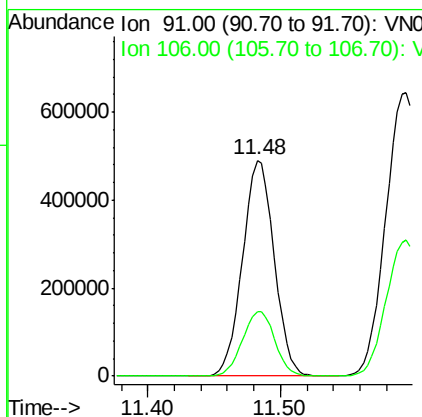
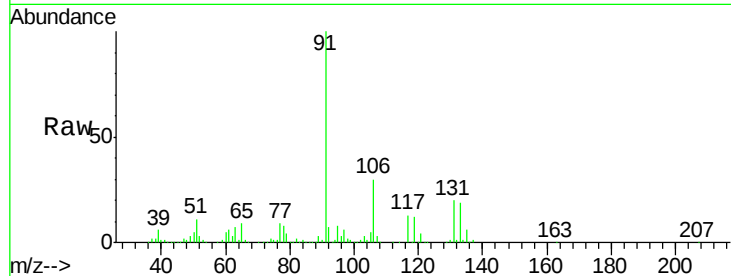
#67
Ethyl Benzene
Concen: 51.699 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064250.D
Acq: 22 Oct 2020 6:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 812469
Ion Ratio Lower Upper
91 100
106 30.0 24.8 37.2

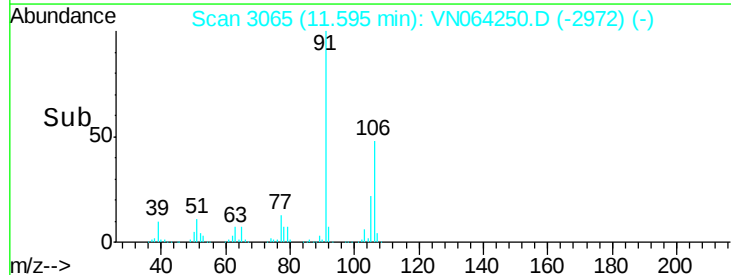
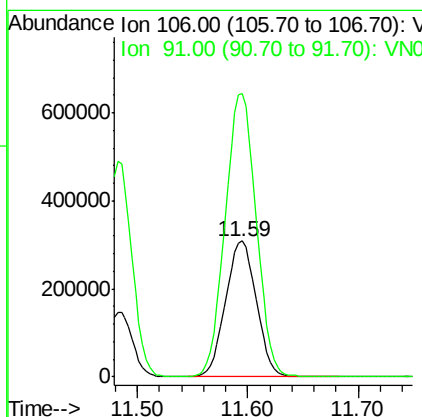
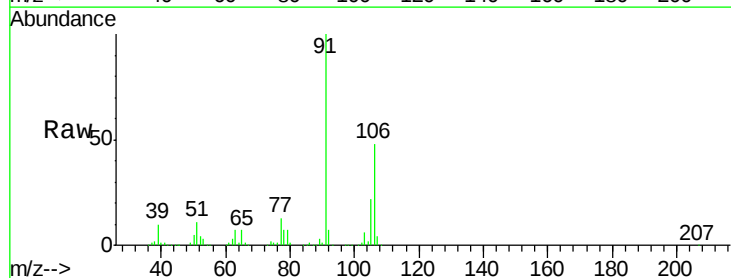
Manual Integrations
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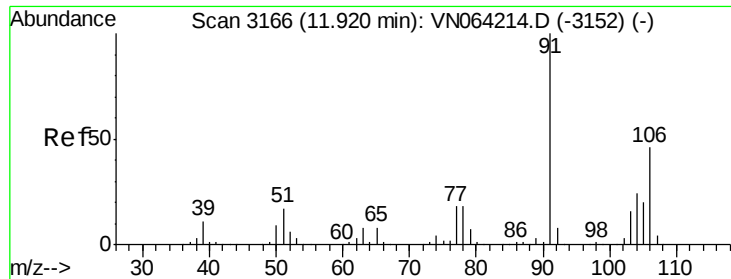
MMDadoda
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#68
m/p-Xylenes
Concen: 102.659 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN064250.D
Acq: 22 Oct 2020 6:11

Tgt Ion: 106 Resp: 597752
Ion Ratio Lower Upper
106 100
91 209.8 172.2 258.2





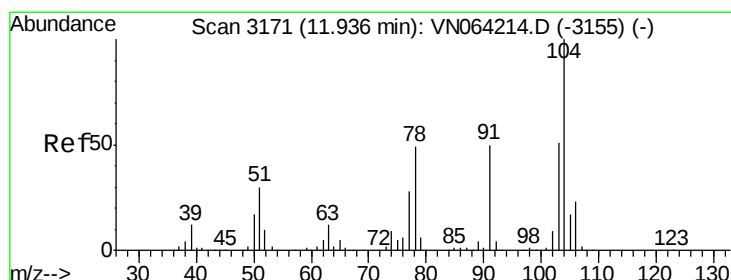
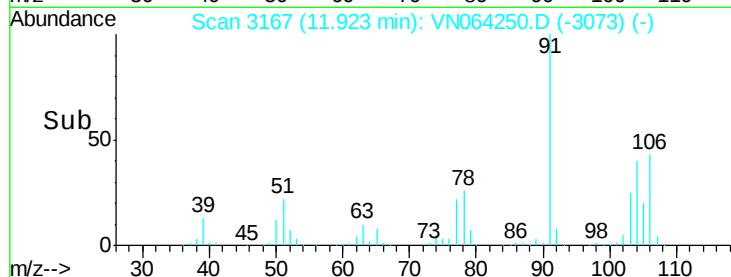
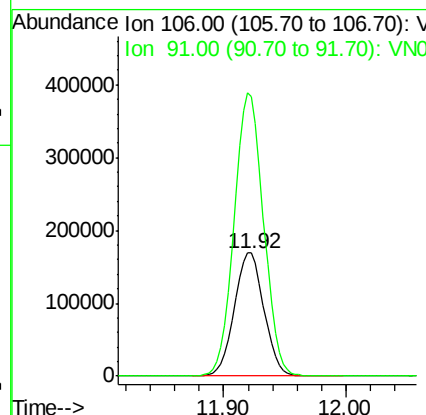
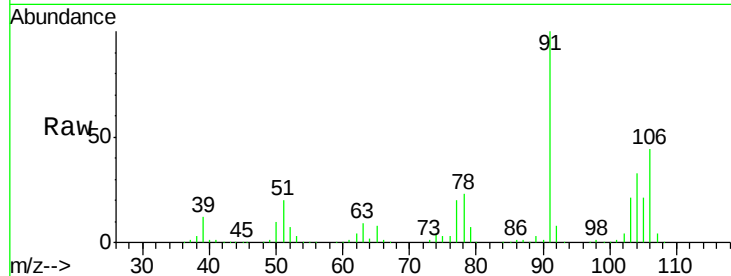
#69
o-Xylene
Concen: 50.942 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064250.D
Acq: 22 Oct 2020 6:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 286876
Ion Ratio Lower Upper
106 100
91 227.3 109.9 329.6

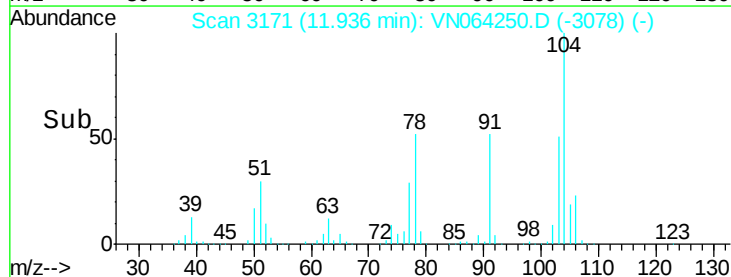
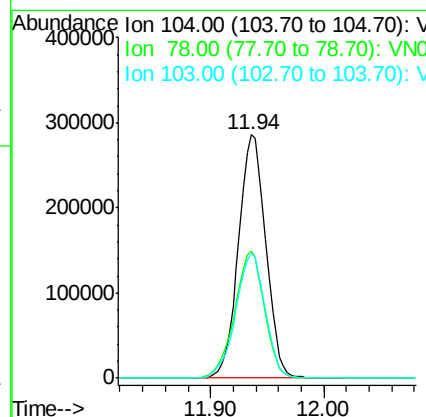
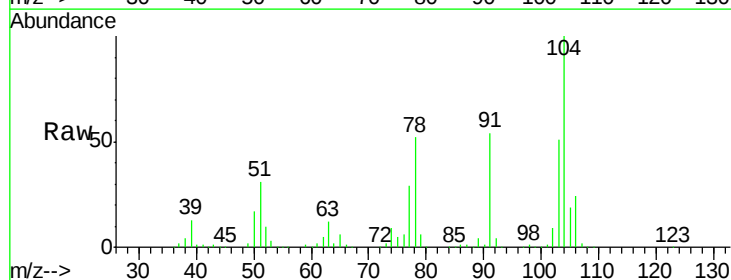
Manual Integrations
APPROVED

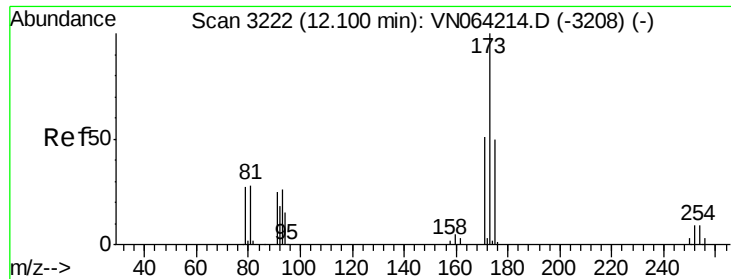
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#70
Styrene
Concen: 51.057 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064250.D
Acq: 22 Oct 2020 6:11

Tgt Ion:104 Resp: 481944
Ion Ratio Lower Upper
104 100
78 56.7 43.8 65.6
103 55.2 43.4 65.2





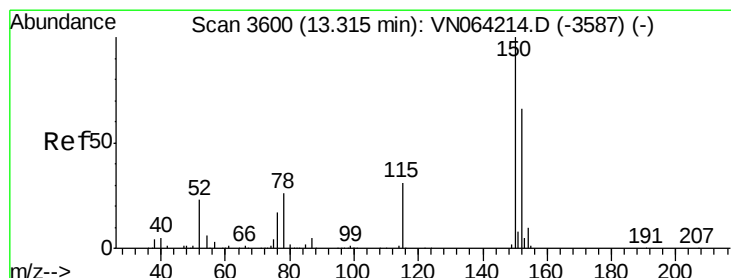
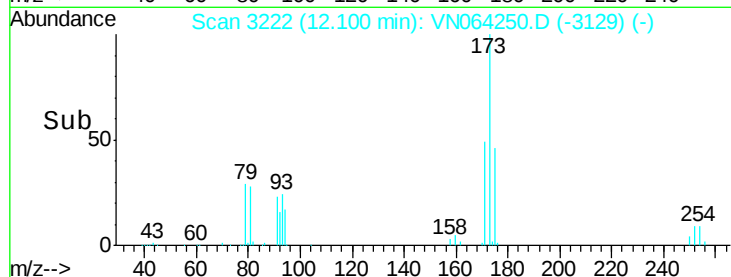
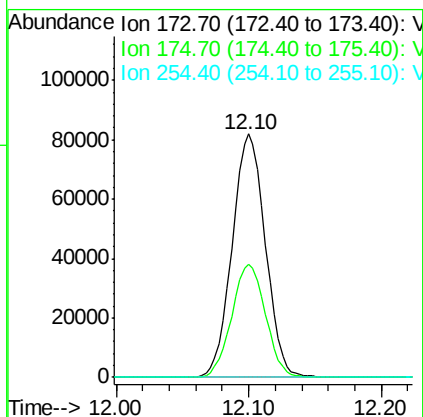
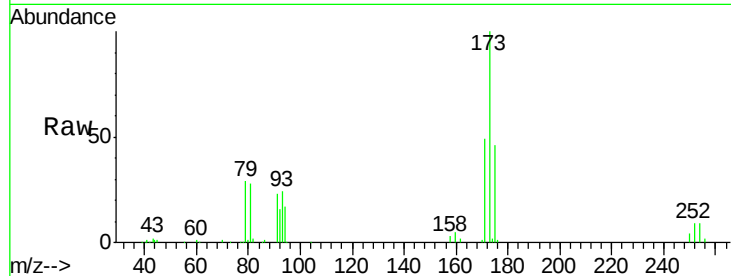
#71
Bromoform
Concen: 54.197 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN064250.D
Acq: 22 Oct 2020 6:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.1	25.1	75.3
254	0.0	0.0	0.0

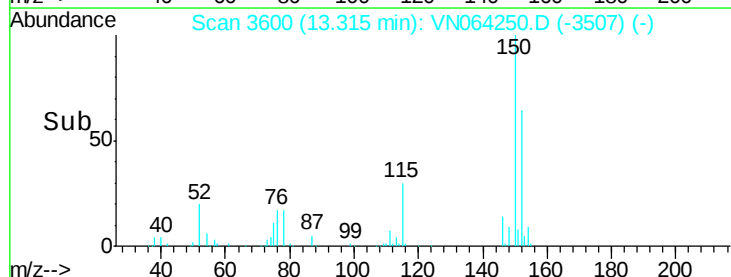
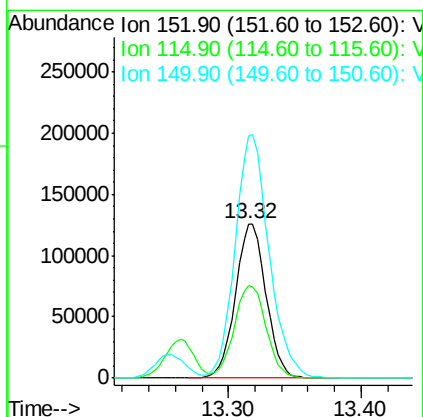
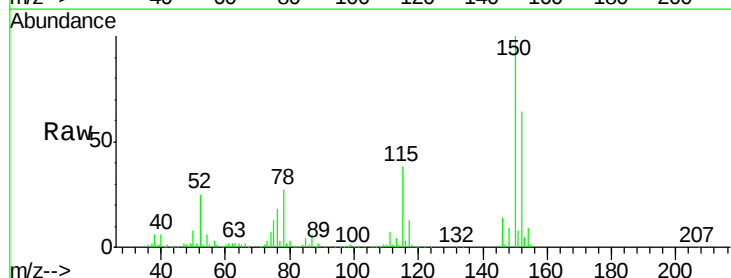
Manual Integrations
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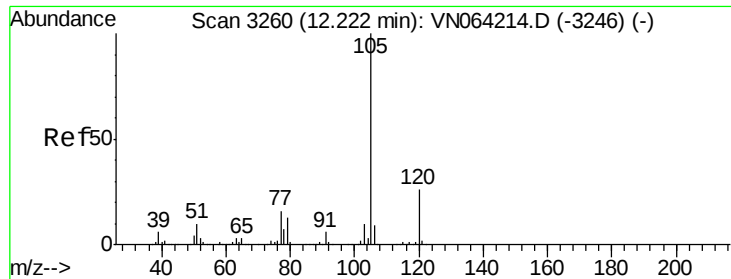
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064250.D
Acq: 22 Oct 2020 6:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.7	32.0	96.2
150	174.5	0.0	356.6





#73

Isopropylbenzene

Concen: 50.189 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064250.D

Acq: 22 Oct 2020 6:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 772329

Ion Ratio Lower Upper

105 100

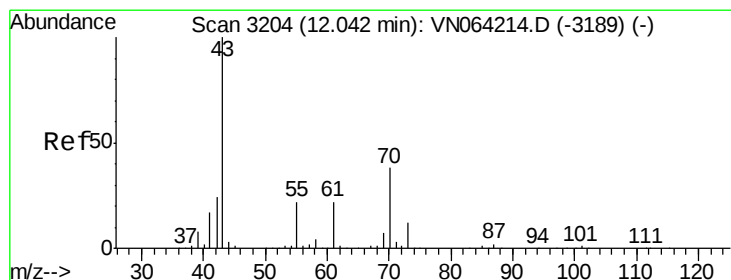
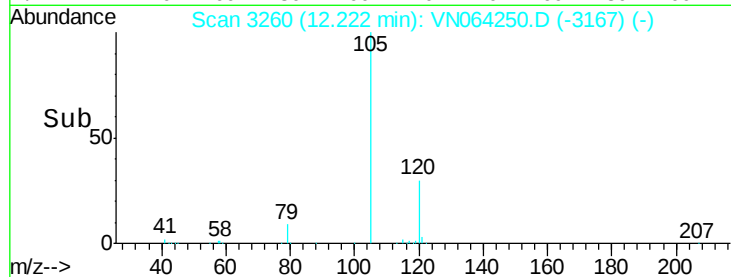
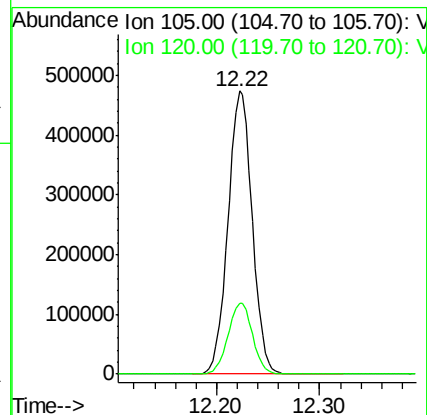
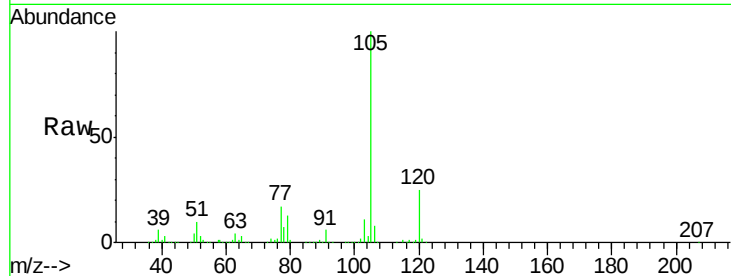
120 25.4 12.9 38.7

Manual Integrations

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MMDadoda

10/23/2020 2:11:07 PM



#74

N-ethyl acetate

Concen: 54.312 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064250.D

Acq: 22 Oct 2020 6:11

Tgt Ion: 43 Resp: 361135

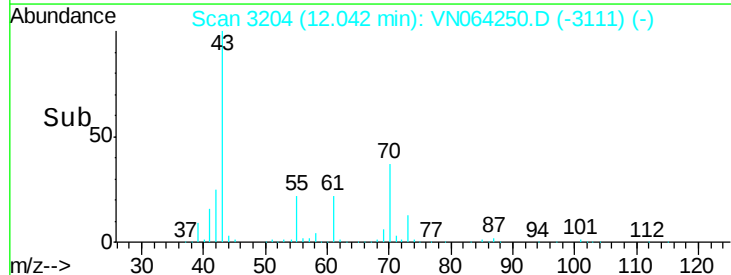
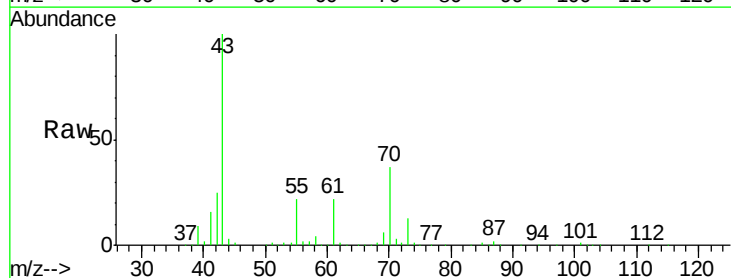
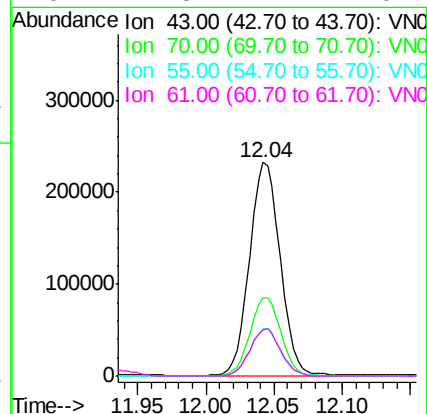
Ion Ratio Lower Upper

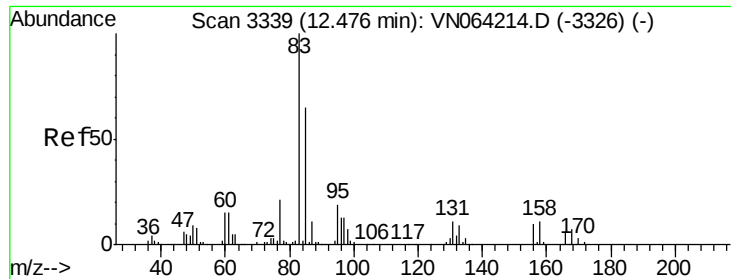
43 100

70 37.2 30.2 45.4

55 22.0 18.0 27.0

61 22.3 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 53.492 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064250.D

Acq: 22 Oct 2020 6:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 218437

Ion Ratio Lower Upper

83 100

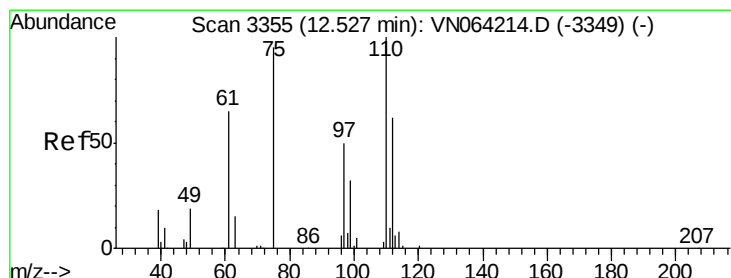
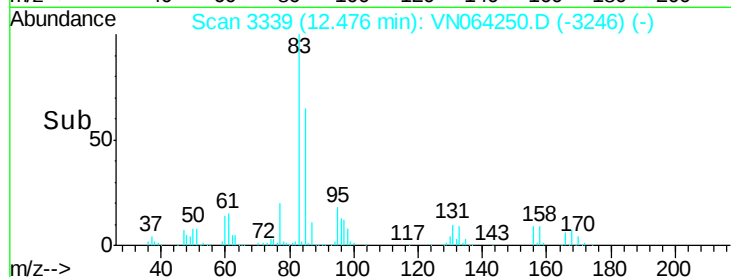
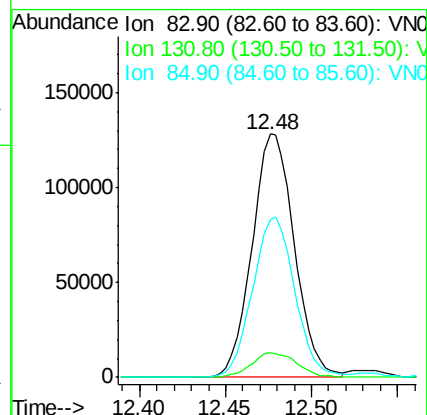
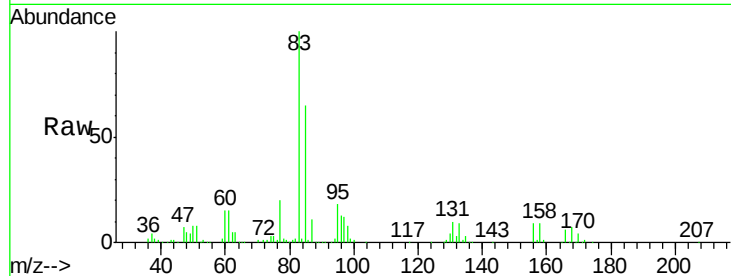
131 11.0 5.5 16.7

85 65.7 32.4 97.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 49.326 ug/l m

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN064250.D

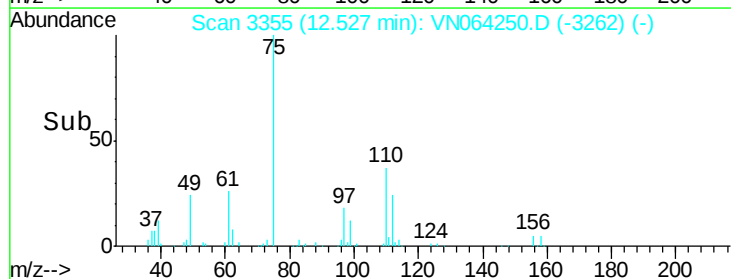
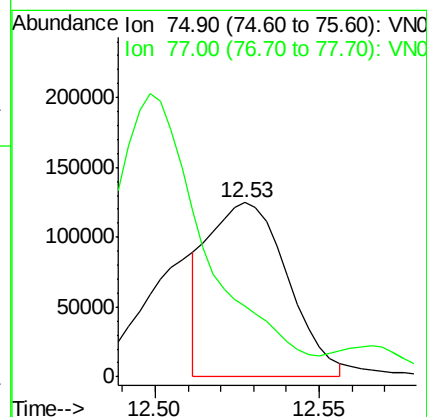
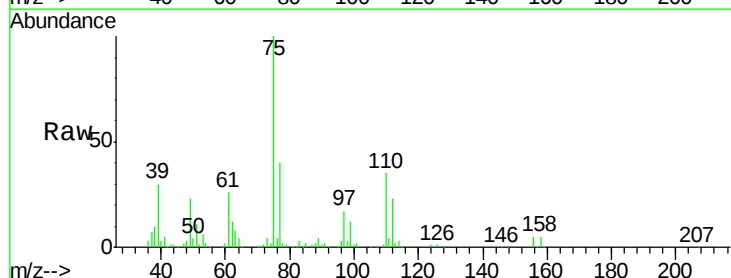
Acq: 22 Oct 2020 6:11

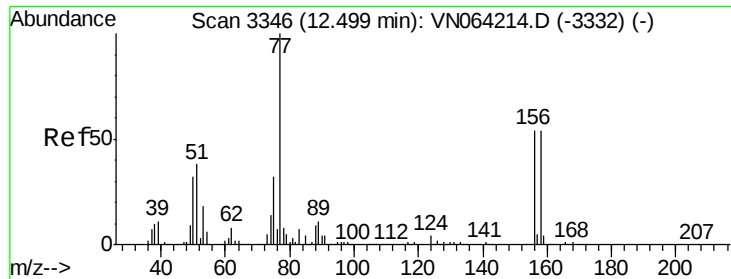
Tgt Ion: 75 Resp: 209807

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





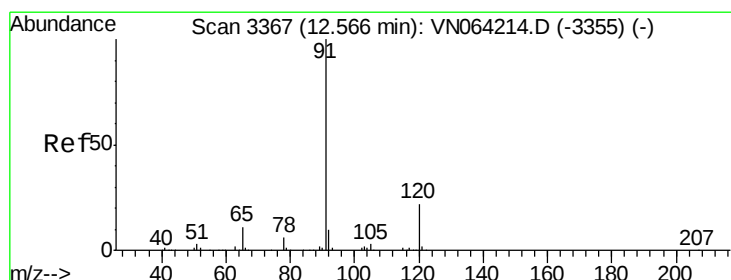
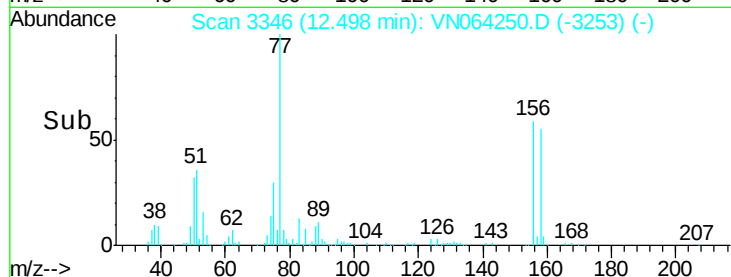
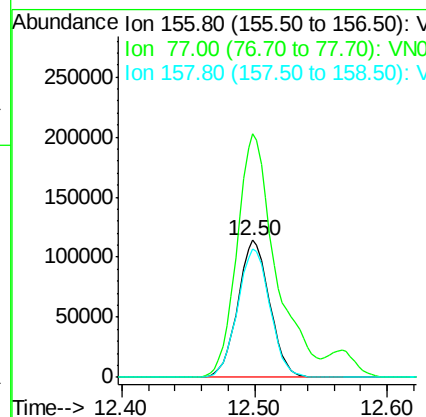
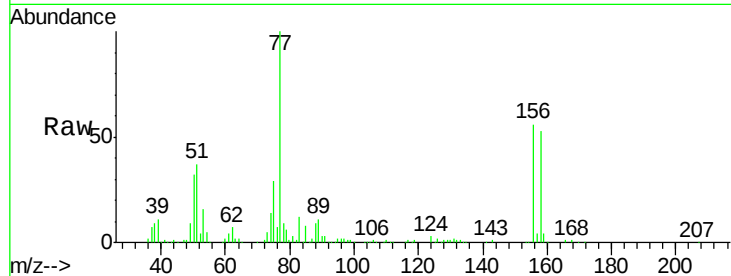
#77
Bromobenzene
Concen: 52.225 ug/l
RT: 12.50 min Scan# 3346
Delta R.T. -0.00 min
Lab File: VN064250.D
Acq: 22 Oct 2020 6:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	216.3	111.1	333.4
158	95.8	50.0	150.1

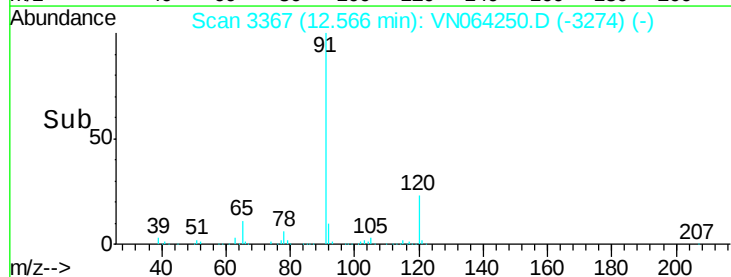
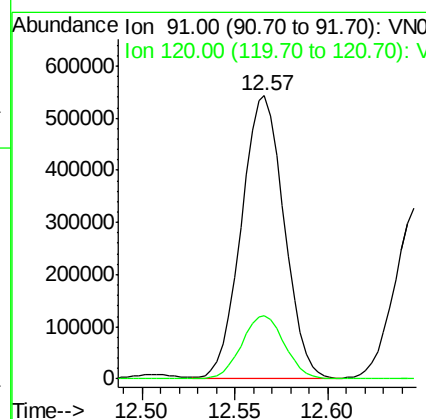
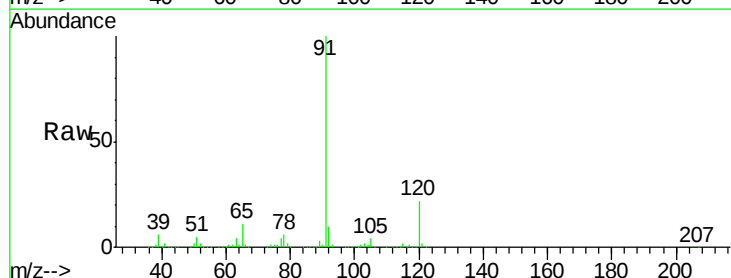
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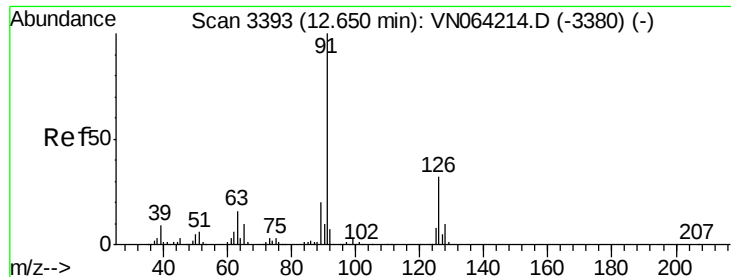
MMDadoda
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#78
n-propylbenzene
Concen: 49.676 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. -0.00 min
Lab File: VN064250.D
Acq: 22 Oct 2020 6:11

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.1	33.1





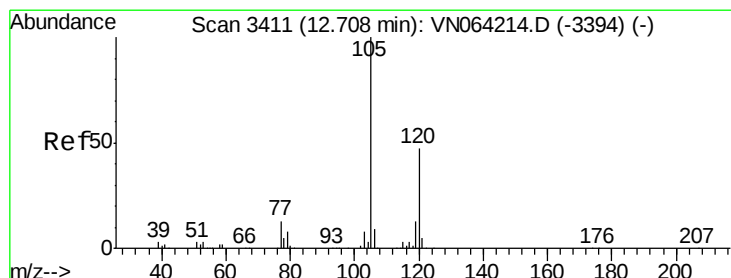
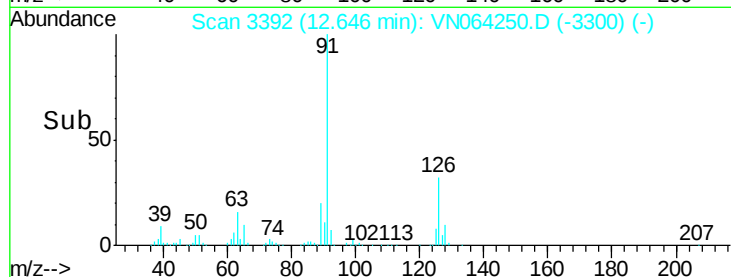
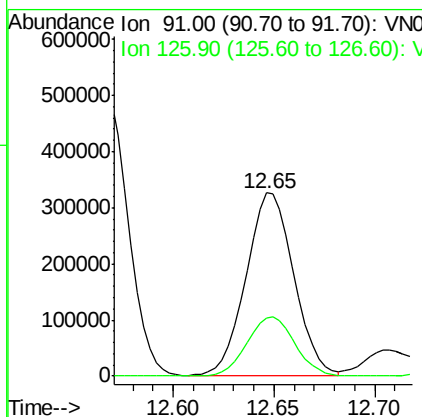
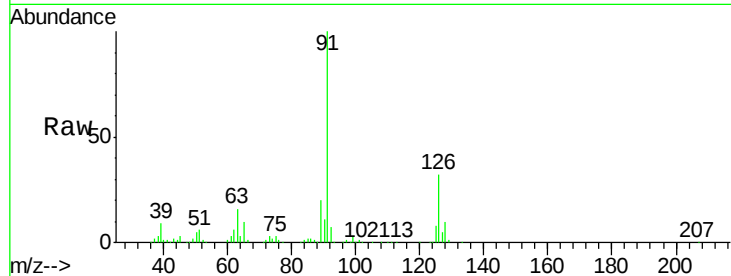
#79
 2-Chlorotoluene
 Concen: 50.394 ug/l
 RT: 12.65 min Scan# 3392
 Delta R.T. -0.00 min
 Lab File: VN064250.D
 Acq: 22 Oct 2020 6:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 537048
 Ion Ratio Lower Upper
 91 100
 126 33.0 16.0 48.0

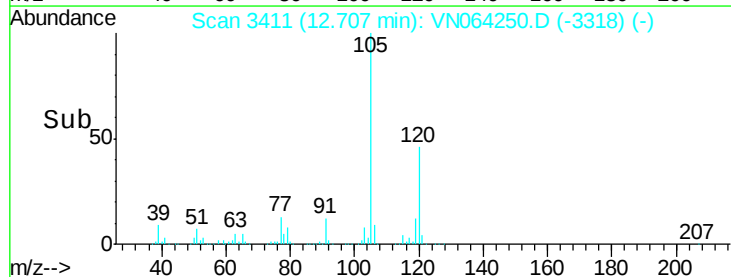
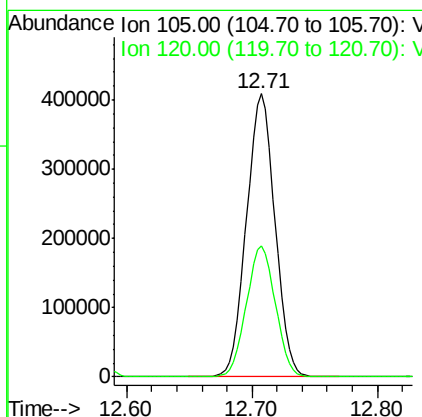
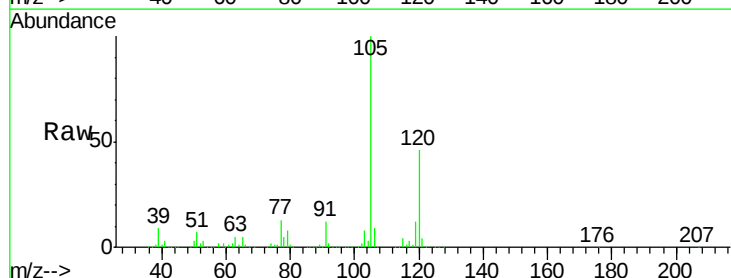
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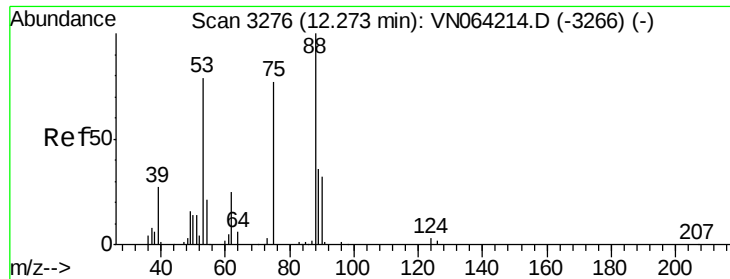
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 49.762 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN064250.D
 Acq: 22 Oct 2020 6:11

Tgt Ion: 105 Resp: 647374
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.4 70.0





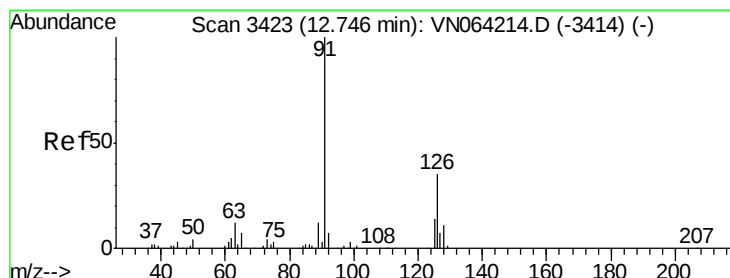
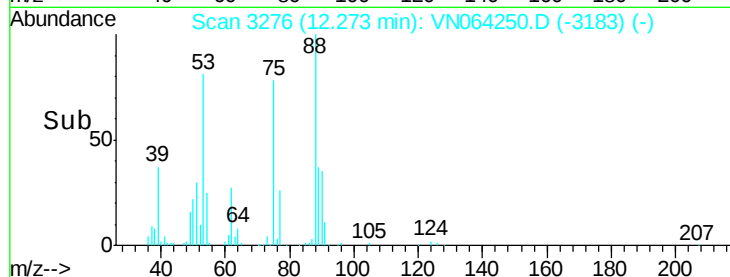
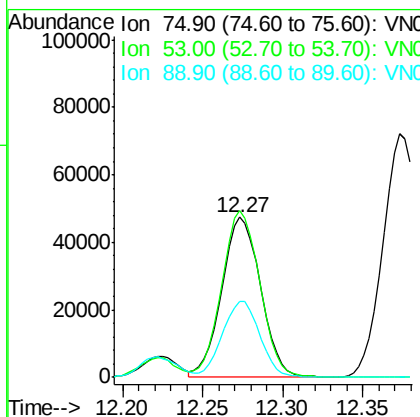
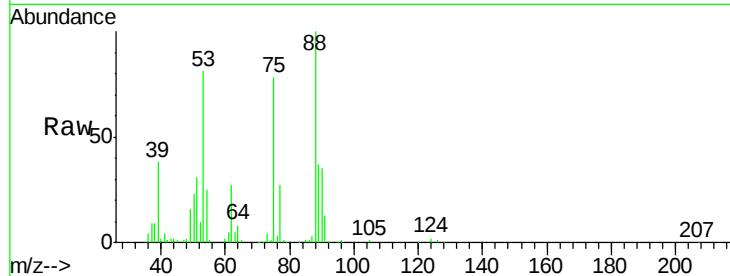
#81
trans-1,4-Dichloro-2-butene
Concen: 46.893 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. -0.00 min
Lab File: VN064250.D
Acq: 22 Oct 2020 6:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	101.9	81.0	121.4
89	45.7	38.7	58.1

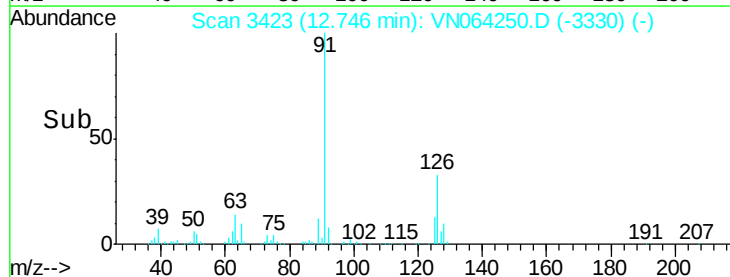
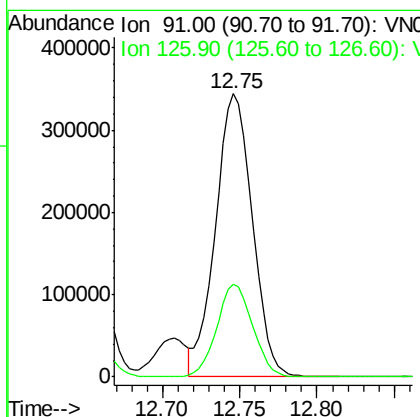
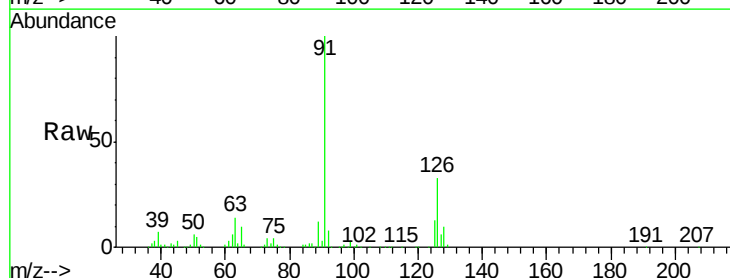
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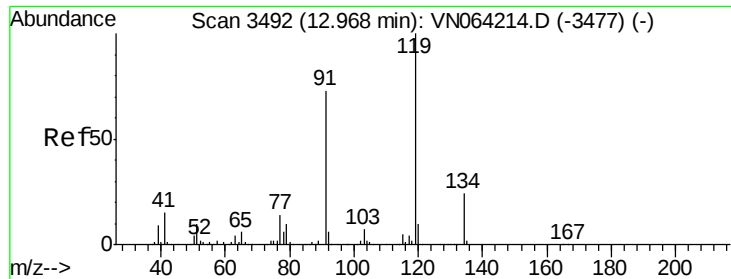
MMDadoda
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#82
4-Chlorotoluene
Concen: 50.984 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. -0.00 min
Lab File: VN064250.D
Acq: 22 Oct 2020 6:11

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.7	15.8	47.3





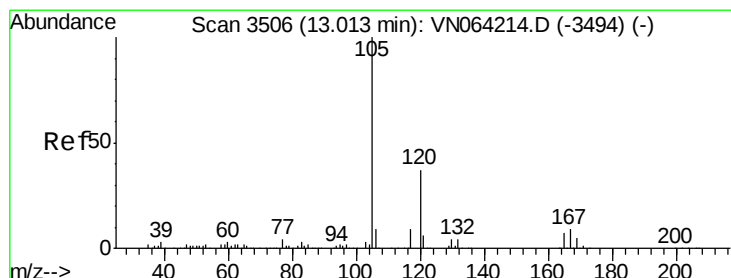
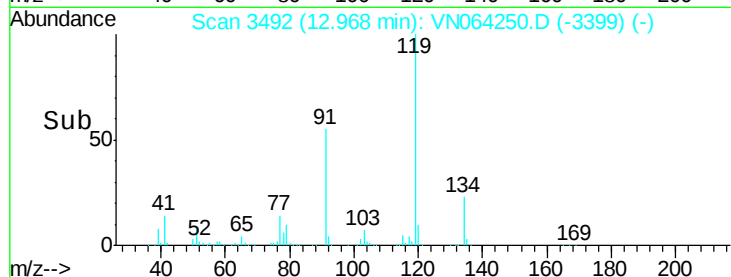
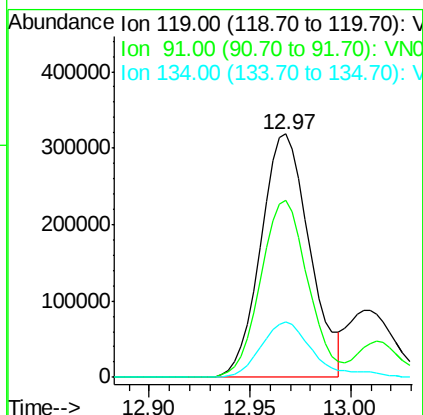
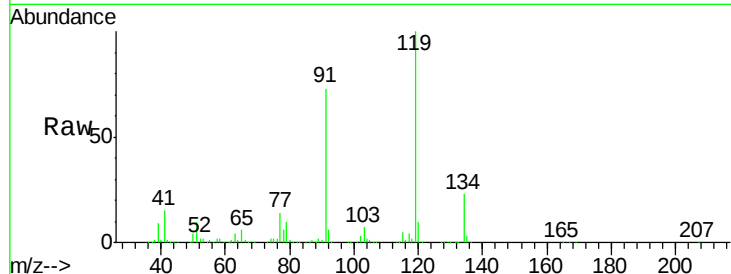
#83
tert-Butylbenzene
Concen: 50.358 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN064250.D
Acq: 22 Oct 2020 6:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	70.7	35.1	105.3
134	24.6	11.6	34.8

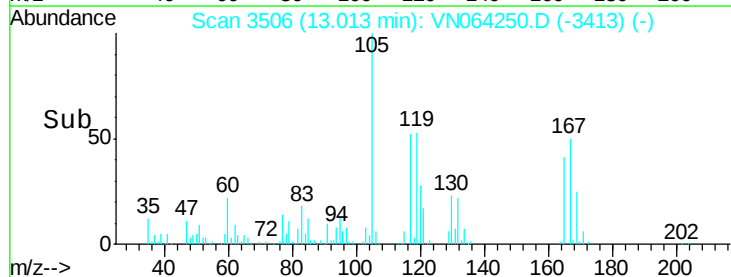
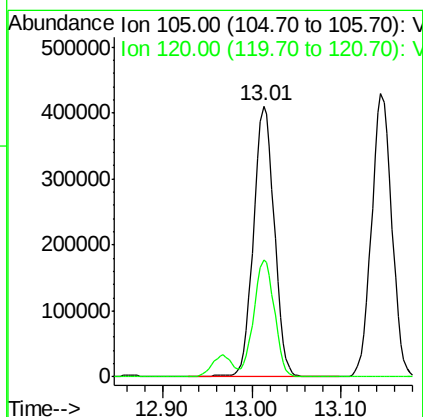
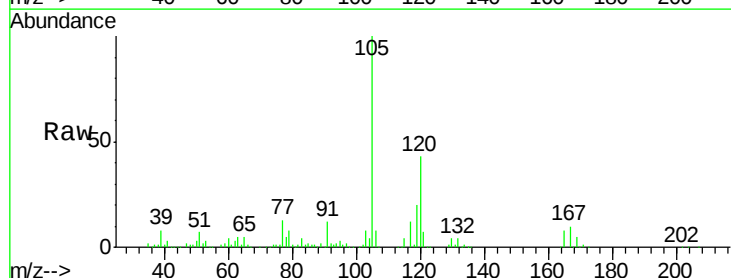
Manual Integrations
APPROVED

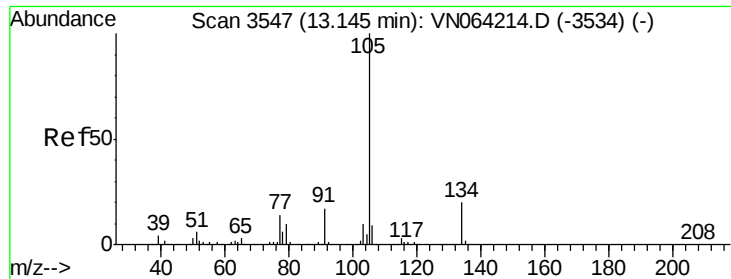
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 51.317 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. -0.00 min
Lab File: VN064250.D
Acq: 22 Oct 2020 6:11

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.1	21.5	64.5





#85

sec-Butylbenzene

Concen: 49.988 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064250.D

Acq: 22 Oct 2020 6:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 672174

Ion Ratio Lower Upper

105 100

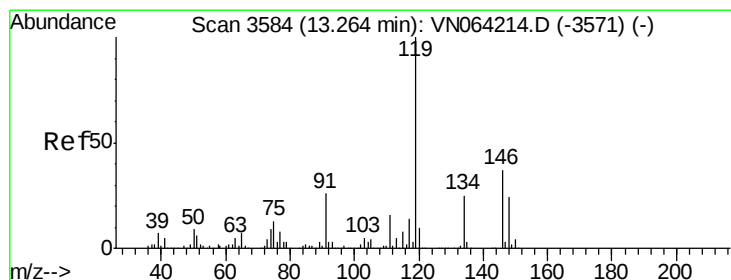
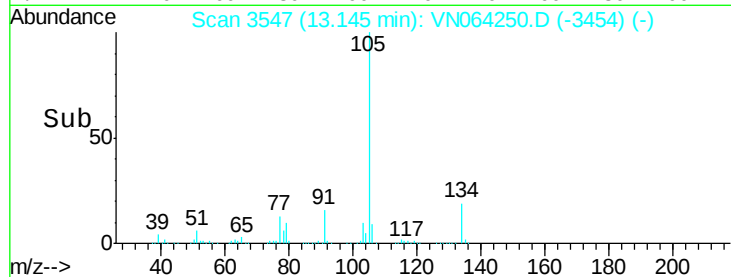
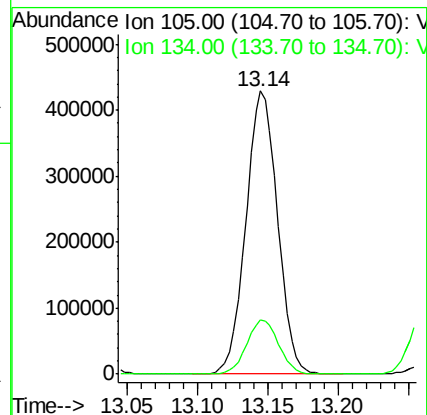
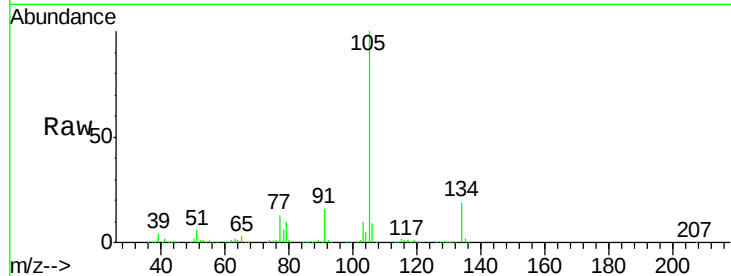
134 19.4 9.7 29.1

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 50.360 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN064250.D

Acq: 22 Oct 2020 6:11

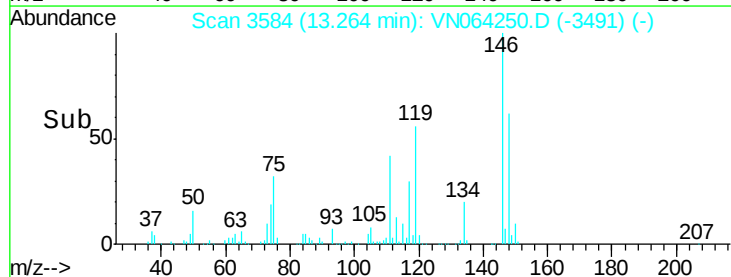
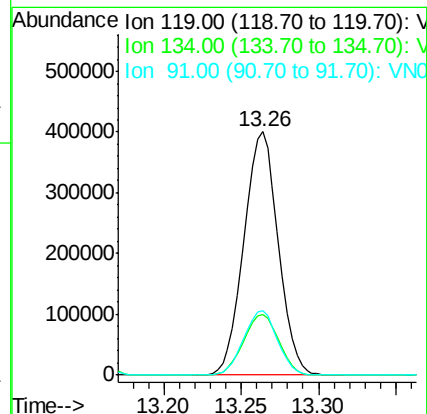
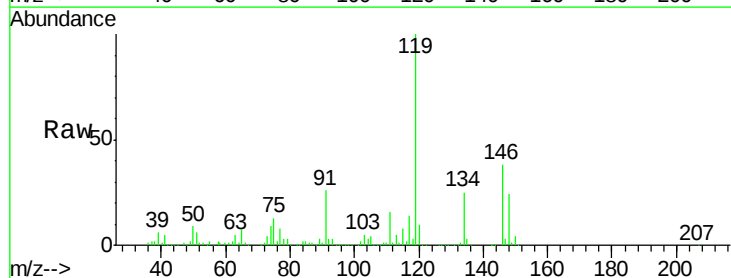
Tgt Ion:119 Resp: 616654

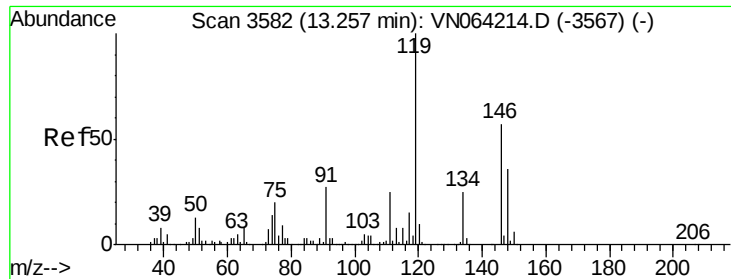
Ion Ratio Lower Upper

119 100

134 25.7 13.1 39.3

91 26.1 13.4 40.2





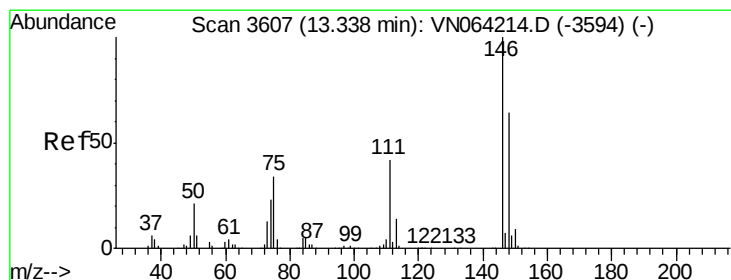
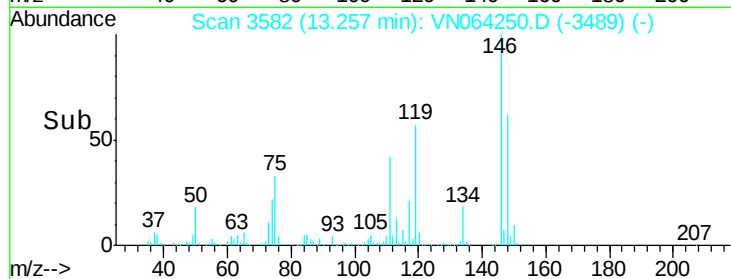
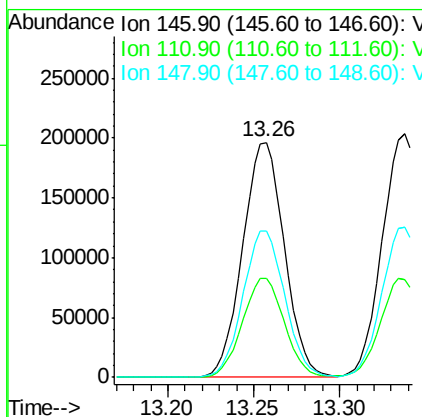
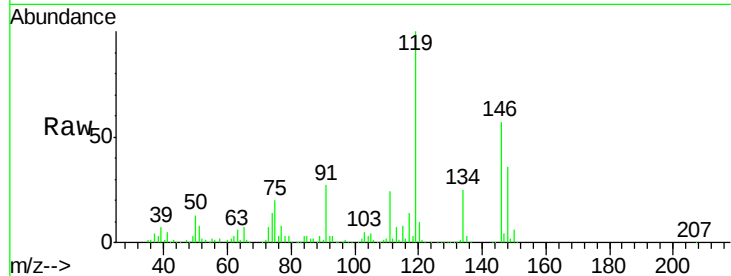
#87
 1,3-Dichlorobenzene
 Concen: 51.136 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN064250.D
 Acq: 22 Oct 2020 6:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.6	65.0
148	62.4	31.7	95.1

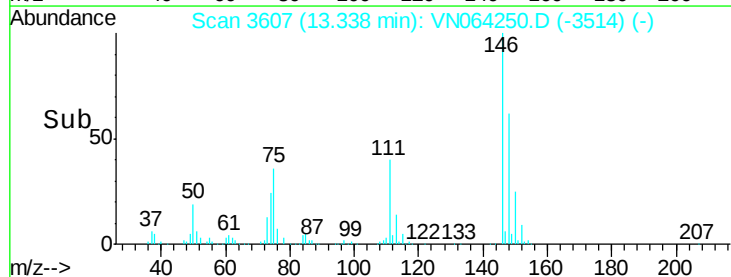
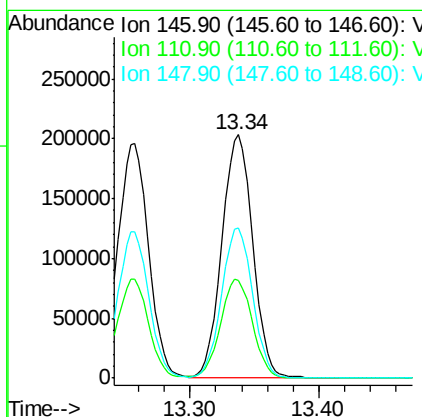
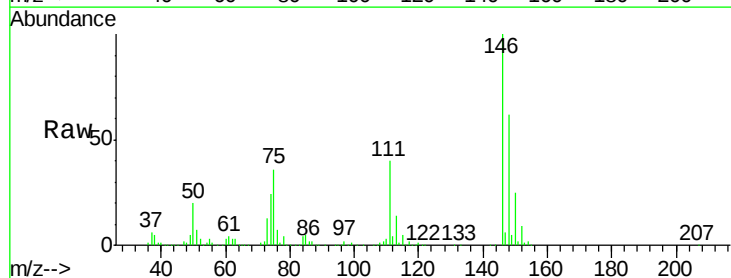
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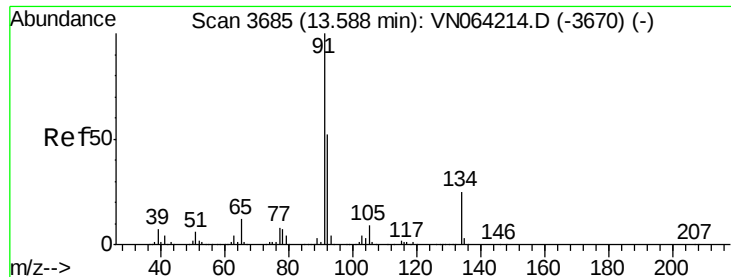
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#88
 1,4-Dichlorobenzene
 Concen: 50.992 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN064250.D
 Acq: 22 Oct 2020 6:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.6	21.5	64.5
148	61.8	32.0	96.0





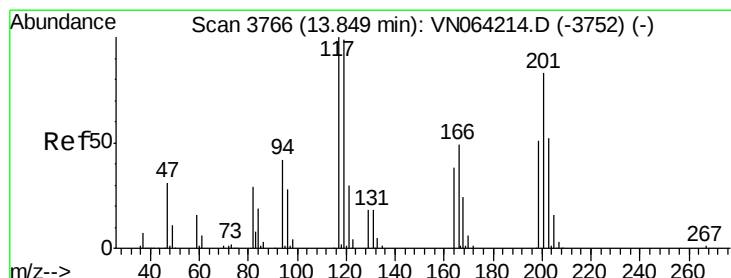
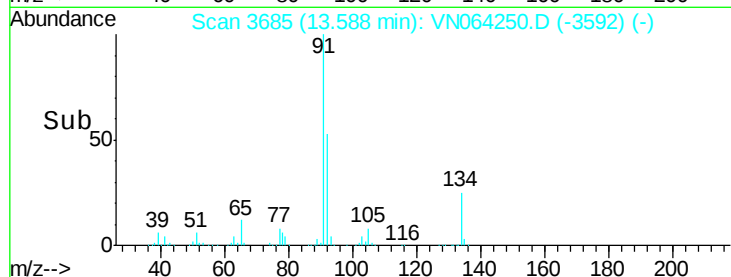
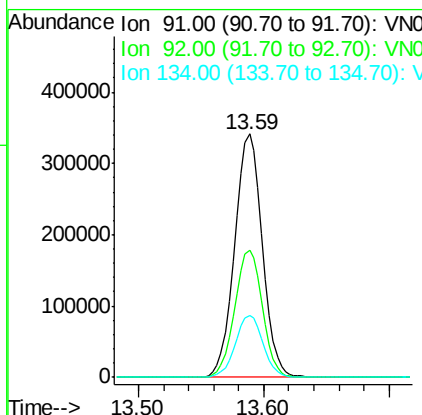
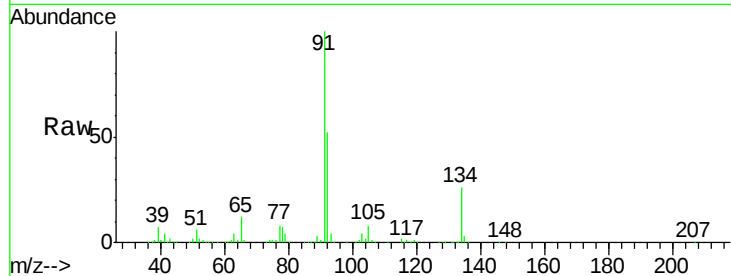
#89
n-Butylbenzene
Concen: 47.587 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064250.D
Acq: 22 Oct 2020 6:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	25.7	77.0
134	25.5	12.3	36.8

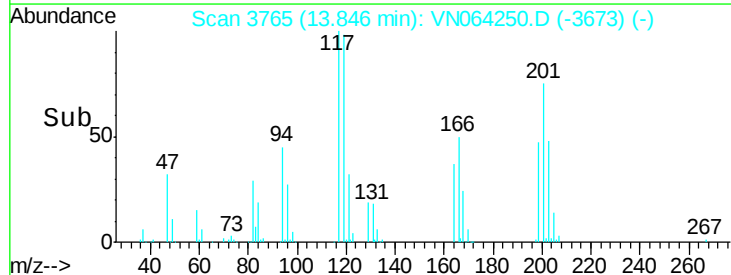
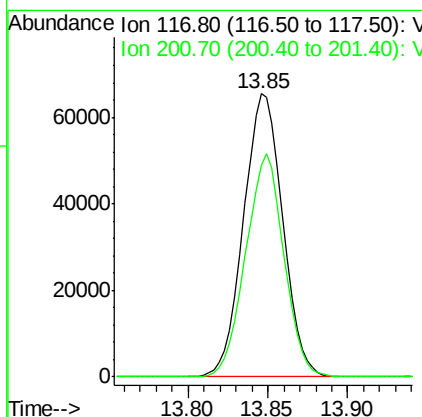
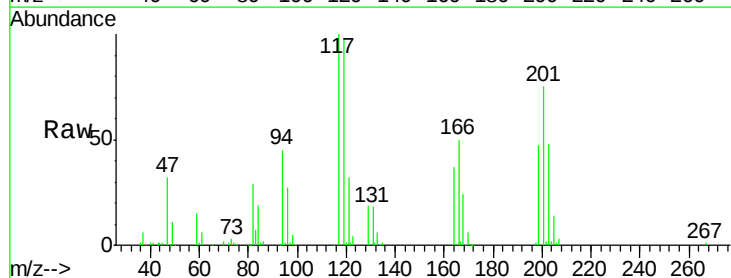
Manual Integrations
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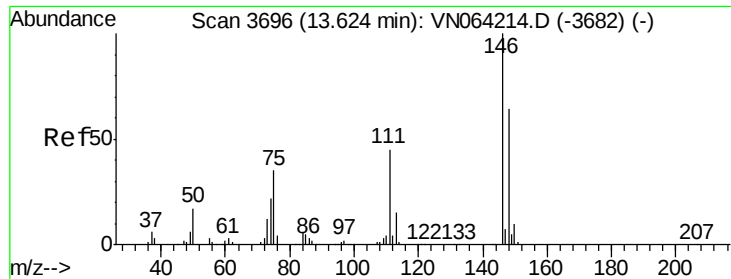
MMDadoda
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#90
Hexachloroethane
Concen: 49.453 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064250.D
Acq: 22 Oct 2020 6:11

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.9	40.1	120.3





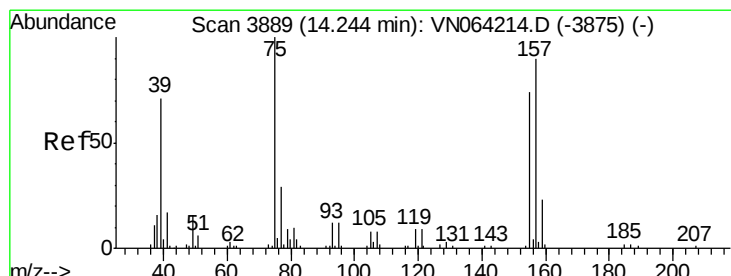
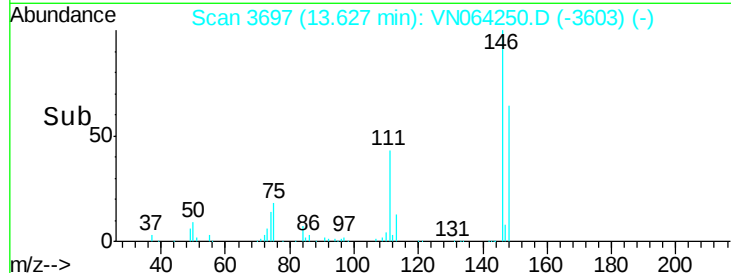
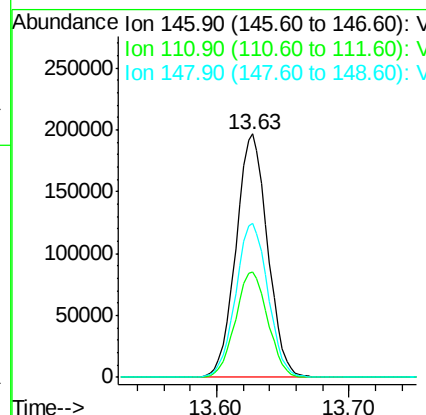
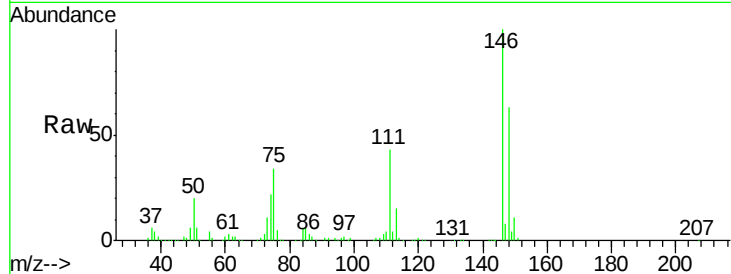
#91
 1,2-Dichlorobenzene
 Concen: 51.353 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064250.D
 Acq: 22 Oct 2020 6:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.3	22.9	68.7
148	64.6	31.9	95.5

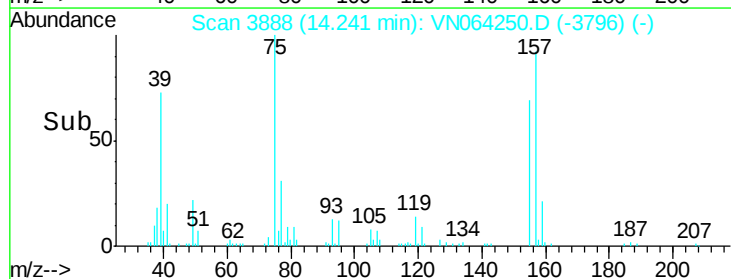
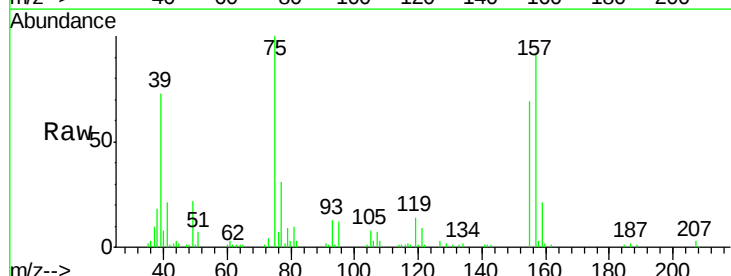
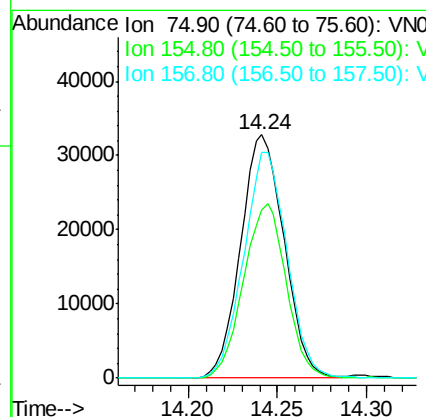
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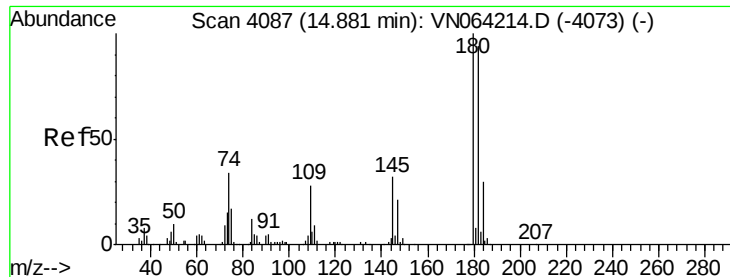
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.772 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064250.D
 Acq: 22 Oct 2020 6:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	70.3	36.9	110.7
157	92.7	44.6	133.8





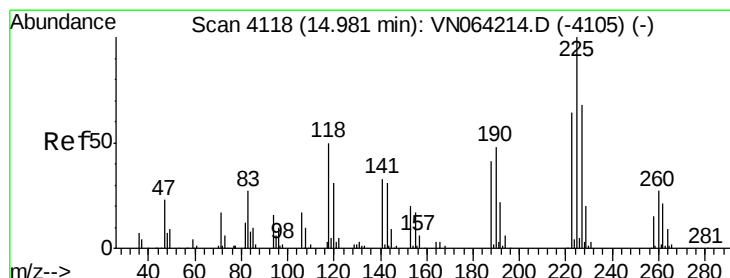
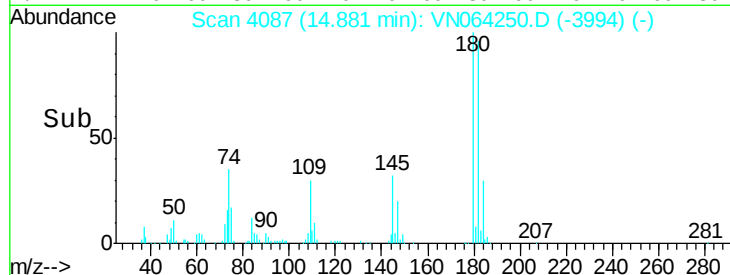
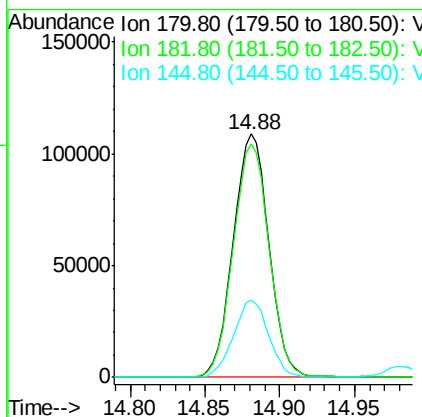
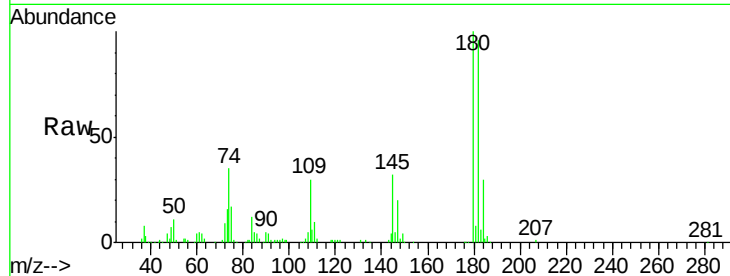
#93
1,2,4-Trichlorobenzene
Concen: 50.874 ug/l
RT: 14.88 min Scan# 4087
Delta R.T. -0.00 min
Lab File: VN064250.D
Acq: 22 Oct 2020 6:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	180946		
182	96.6	46.9	140.7	
145	31.3	16.1	48.3	

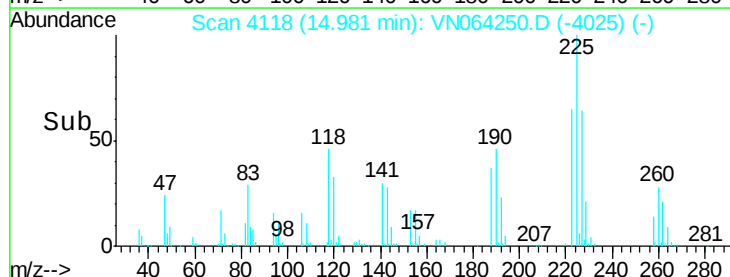
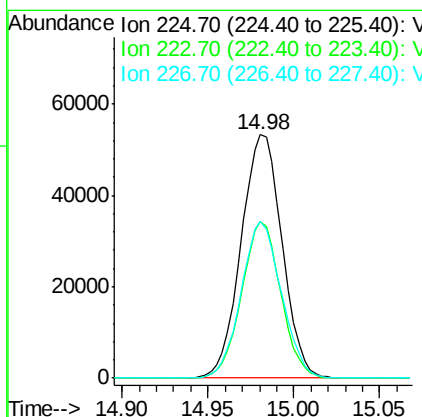
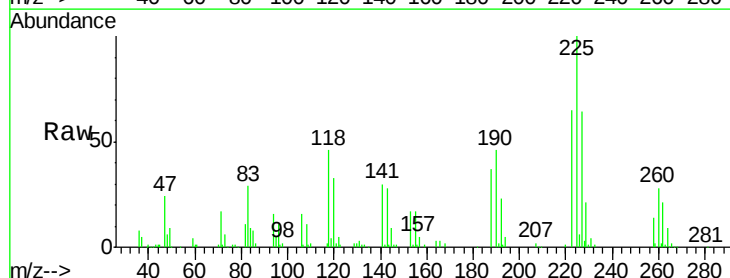
Manual Integrations
APPROVED

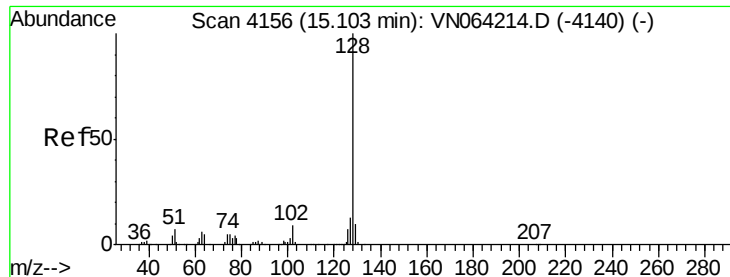
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#94
Hexachlorobutadiene
Concen: 45.826 ug/l
RT: 14.98 min Scan# 4118
Delta R.T. -0.00 min
Lab File: VN064250.D
Acq: 22 Oct 2020 6:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	87909		
223	61.4	31.5	94.5	
227	63.1	32.1	96.5	





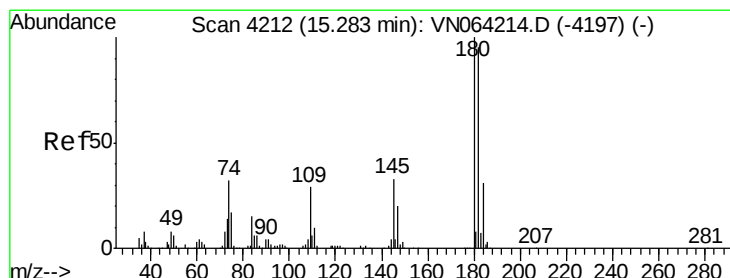
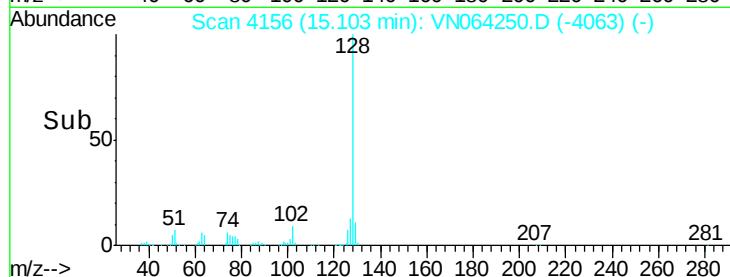
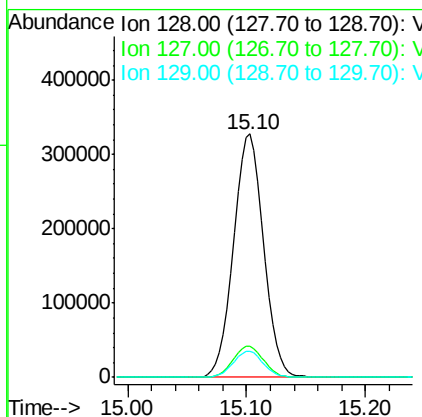
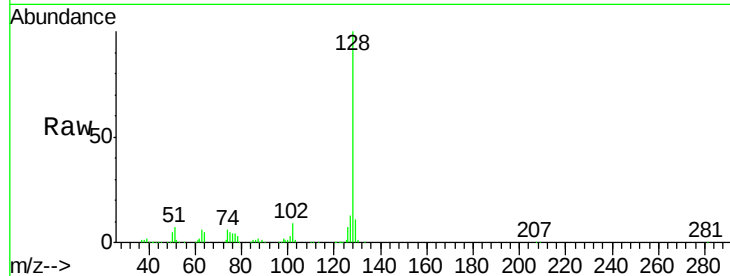
#95
Naphthalene
Concen: 53.766 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. -0.00 min
Lab File: VN064250.D
Acq: 22 Oct 2020 6:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.7	8.6	12.8

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 49.834 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN064250.D
Acq: 22 Oct 2020 6:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	48.0	144.2
145	34.3	17.1	51.3

