

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111920\
 Data File : VN064752.D
 Acq On : 20 Nov 2020 00:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/24/2020 3:11:32 PM

Quant Time: Nov 20 05:41:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 15:29:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	270270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	472703	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	441508	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	241259	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	230686	48.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.04%	
35) Dibromofluoromethane	7.54	113	145289	54.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.00%	
50) Toluene-d8	10.06	98	601691	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
62) 4-Bromofluorobenzene	12.37	95	224986	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	155864	46.154	ug/l	100
3) Chloromethane	2.04	50	175965	47.121	ug/l	100
4) Vinyl Chloride	2.17	62	221911	56.952	ug/l	99
5) Bromomethane	2.54	94	153956	53.882	ug/l	98
6) Chloroethane	2.68	64	148699	56.561	ug/l	98
7) Trichlorofluoromethane	2.99	101	356103	51.027	ug/l	97
8) Diethyl Ether	3.37	74	123164	54.697	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	148543	49.254	ug/l	99
10) Methyl Iodide	3.91	142	160241	44.449	ug/l	98
11) Tert butyl alcohol	4.73	59	113712	246.524	ug/l	99
12) 1,1-Dichloroethene	3.69	96	141423	48.671	ug/l	97
13) Acrolein	3.57	56	33625	311.365	ug/l	92
14) Allyl chloride	4.27	41	241822	48.469	ug/l	99
15) Acrylonitrile	4.93	53	343693	253.756	ug/l	100
16) Acetone	3.77	43	323739	280.791	ug/l	97
17) Carbon Disulfide	4.01	76	407184	48.191	ug/l	100
18) Methyl Acetate	4.27	43	160644	46.148	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	487570	50.147	ug/l	99
20) Methylene Chloride	4.50	84	166862	47.394	ug/l	97
21) trans-1,2-Dichloroethene	4.98	96	154457	47.640	ug/l	94
22) Diisopropyl ether	5.90	45	548262	52.035	ug/l	97
23) Vinyl Acetate	5.84	43	2252985	264.955	ug/l	100
24) 1,1-Dichloroethane	5.79	63	311107	50.397	ug/l	100
25) 2-Butanone	6.78	43	489108	269.074	ug/l	99
26) 2,2-Dichloropropane	6.78	77	262271	44.711	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	179217	50.137	ug/l	98
28) Bromochloromethane	7.15	49	151348	48.626	ug/l	99
29) Tetrahydrofuran	7.16	42	319333	260.003	ug/l	99
30) Chloroform	7.33	83	335913	50.073	ug/l	98
31) Cyclohexane	7.61	56	241382	46.960	ug/l	99
32) 1,1,1-Trichloroethane	7.52	97	307732	50.187	ug/l	99
36) 1,1-Dichloropropene	7.75	75	245857	50.555	ug/l	99
37) Ethyl Acetate	6.88	43	209132	51.357	ug/l #	94
38) Carbon Tetrachloride	7.73	117	272013	52.630	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	223312	51.824	ug/l	97
40) Benzene	8.00	78	692784	51.126	ug/l	99
41) Methacrylonitrile	7.12	41	101731	54.505	ug/l	97
42) 1,2-Dichloroethane	8.08	62	296670	50.886	ug/l	100
43) Isopropyl Acetate	8.12	43	378972	48.014	ug/l	99
44) Trichloroethene	8.80	130	191050	49.128	ug/l	95
45) 1,2-Dichloropropane	9.08	63	185150	51.261	ug/l	98
46) Dibromomethane	9.17	93	131334	51.296	ug/l	99
47) Bromodichloromethane	9.37	83	290949	54.055	ug/l	100
48) Methyl methacrylate	9.16	41	184087	49.430	ug/l	98
49) 1,4-Dioxane	9.16	88	50677	1090.679	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	1126366	236.734	ug/l	100
52) Toluene	10.12	92	440908	52.831	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	286855	49.797	ug/l	99
54) cis-1,3-Dichloropropene	9.80	75	321236	54.157	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	173967	51.972	ug/l	99
56) Ethyl methacrylate	10.40	69	242151	44.388	ug/l	98
57) 1,3-Dichloropropane	10.68	76	301351	51.971	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	771965	256.577	ug/l	98
59) 2-Hexanone	10.72	43	816591	233.864	ug/l	100
60) Dibromochloromethane	10.87	129	199918	51.694	ug/l	100
61) 1,2-Dibromoethane	10.97	107	177613	49.747	ug/l	98
64) Tetrachloroethene	10.60	164	200129	51.131	ug/l	99
65) Chlorobenzene	11.40	112	464761	49.487	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	182765	52.082	ug/l	96
67) Ethyl Benzene	11.48	91	859979	51.934	ug/l	99
68) m/p-Xylenes	11.59	106	646048	96.239	ug/l	100
69) o-Xylene	11.92	106	299279	51.805	ug/l	98
70) Styrene	11.94	104	520272	46.370	ug/l	99
71) Bromoform	12.10	173	123183	45.394	ug/l #	100
73) Isopropylbenzene	12.22	105	797474	46.556	ug/l	100
74) N-amyl acetate	12.04	43	354312	44.291	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	210736	44.003	ug/l	100
76) 1,2,3-Trichloropropane	12.52	75	228202m	43.899	ug/l	
77) Bromobenzene	12.50	156	191534	44.334	ug/l	97
78) n-propylbenzene	12.56	91	1131112	56.702	ug/l	100
79) 2-Chlorotoluene	12.65	91	643112	50.371	ug/l	100
80) 1,3,5-Trimethylbenzene	12.70	105	748066	52.572	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	81567	40.729	ug/l	93
82) 4-Chlorotoluene	12.75	91	697647	51.245	ug/l	99
83) tert-Butylbenzene	12.97	119	591510	53.735	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	774067	53.302	ug/l	99
85) sec-Butylbenzene	13.14	105	852456	58.099	ug/l	100
86) p-Isopropyltoluene	13.26	119	716391	53.089	ug/l	100
87) 1,3-Dichlorobenzene	13.25	146	388083	49.301	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	416031	51.480	ug/l	98
89) n-Butylbenzene	13.59	91	590834	46.901	ug/l	99
90) Hexachloroethane	13.85	117	113123	50.710	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	338791	44.036	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	52868	42.068	ug/l	99

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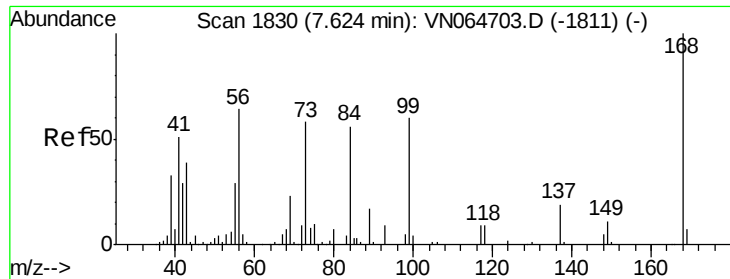
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	176741	42.427	ug/l	98
94) Hexachlorobutadiene	14.98	225	77711	45.274	ug/l	96
95) Naphthalene	15.10	128	585052	43.145	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	174697	43.620	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN064752.D

Acq: 20 Nov 2020 00:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 270270

Ion Ratio Lower Upper

168 100

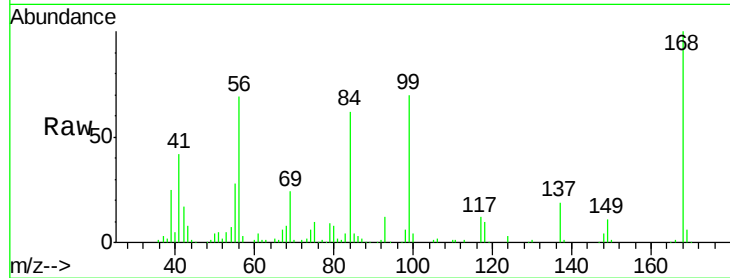
99 69.5 55.7 83.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

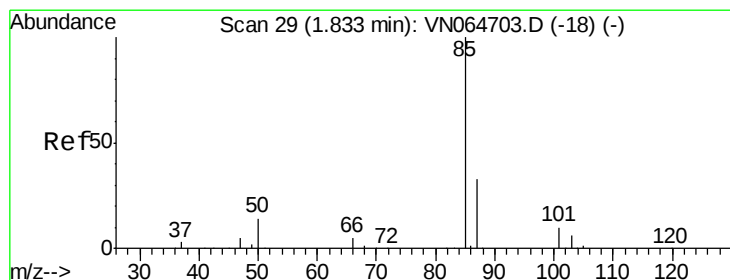
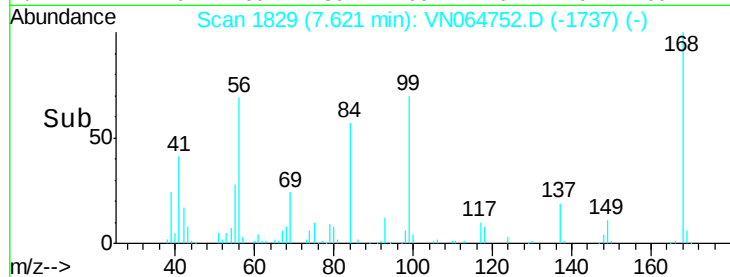
7.62

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 46.154 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN064752.D

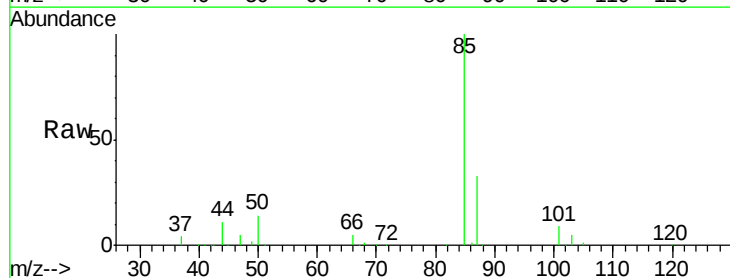
Acq: 20 Nov 2020 00:14

Tgt Ion: 85 Resp: 155864

Ion Ratio Lower Upper

85 100

87 32.7 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

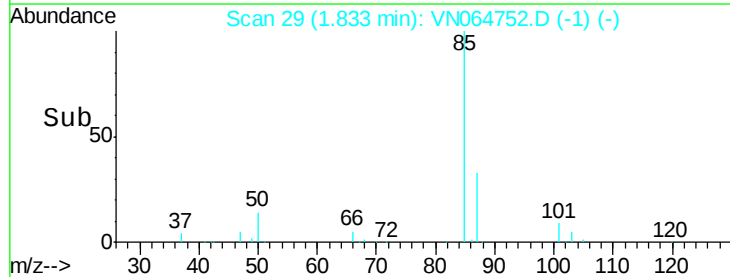
1.83

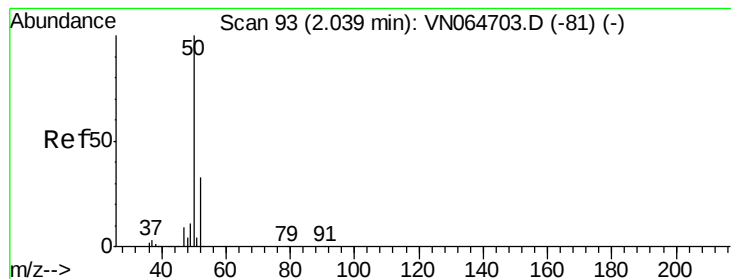
100000

50000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 47.121 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064752.D

Acq: 20 Nov 2020 00:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 175965

Ion Ratio Lower Upper

50 100

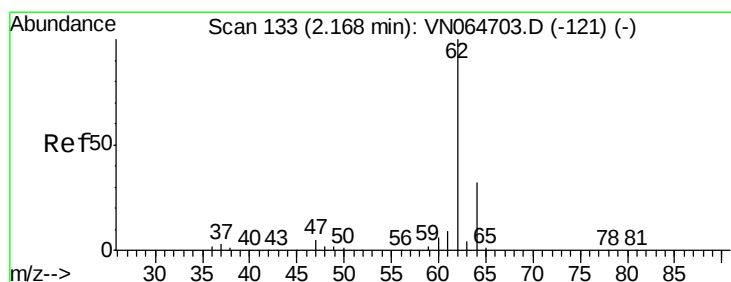
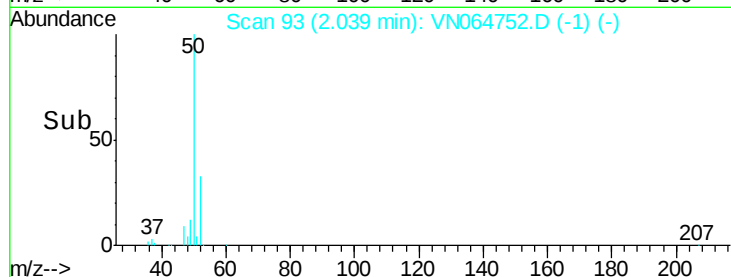
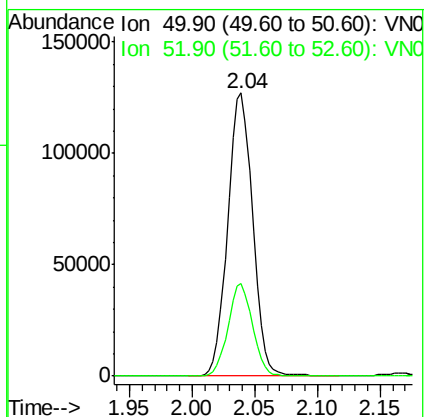
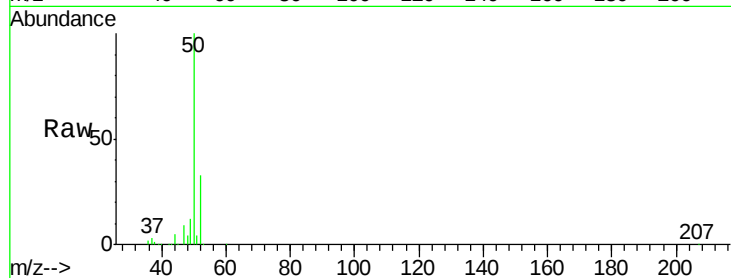
52 32.8 26.4 39.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 56.952 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064752.D

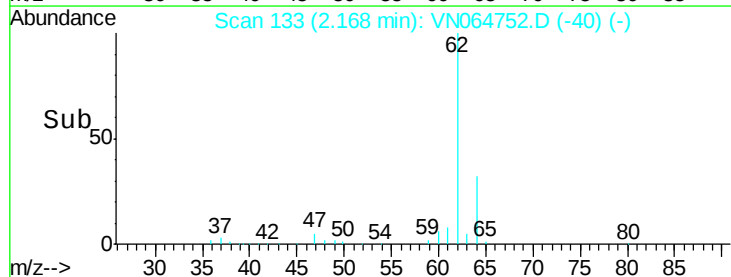
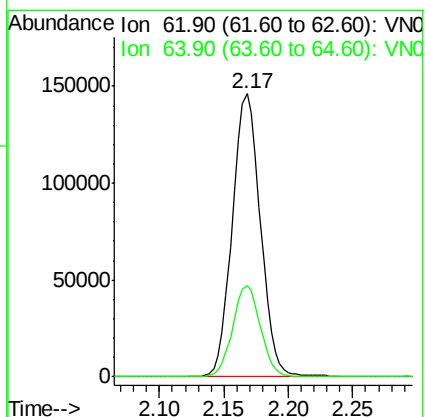
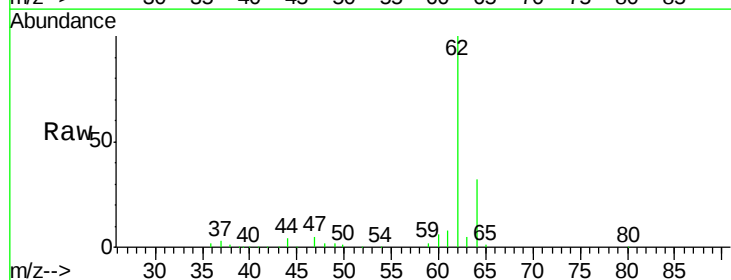
Acq: 20 Nov 2020 00:14

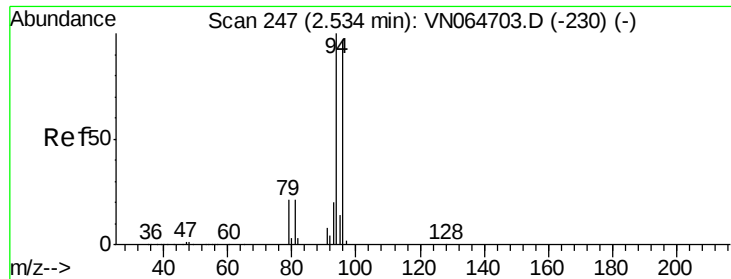
Tgt Ion: 62 Resp: 221911

Ion Ratio Lower Upper

62 100

64 32.3 25.2 37.8





#5

Bromomethane

Concen: 53.882 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.00 min

Lab File: VN064752.D

Acq: 20 Nov 2020 00:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 153956

Ion Ratio Lower Upper

94 100

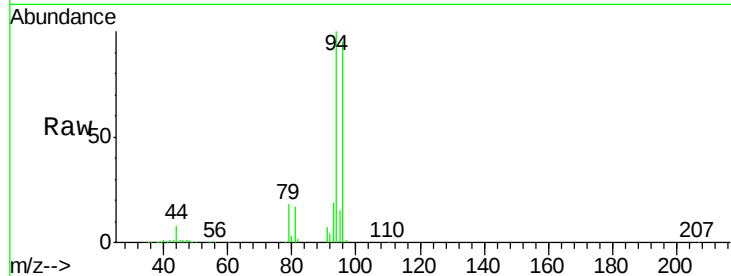
96 95.4 77.8 116.8

Manual Integrations

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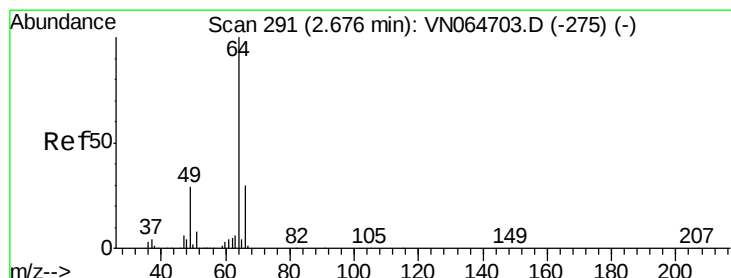
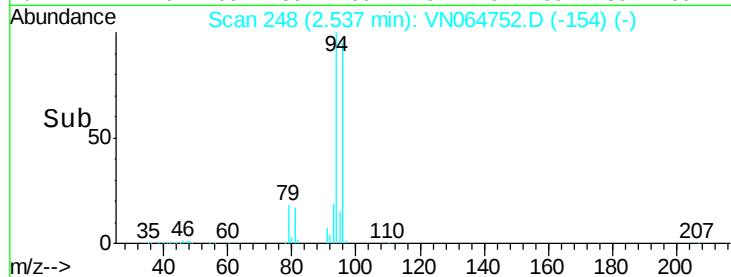
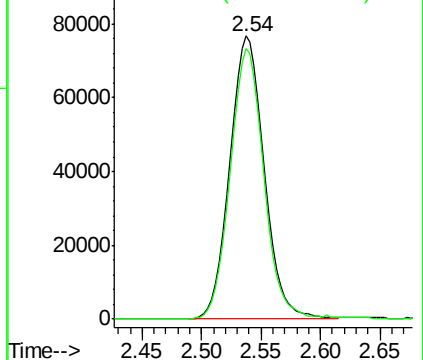
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 56.561 ug/l

RT: 2.68 min Scan# 291

Delta R.T. -0.00 min

Lab File: VN064752.D

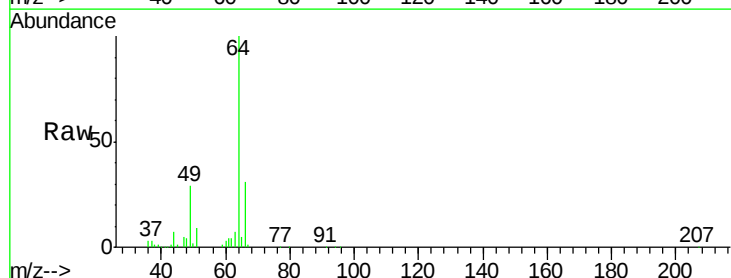
Acq: 20 Nov 2020 00:14

Tgt Ion: 64 Resp: 148699

Ion Ratio Lower Upper

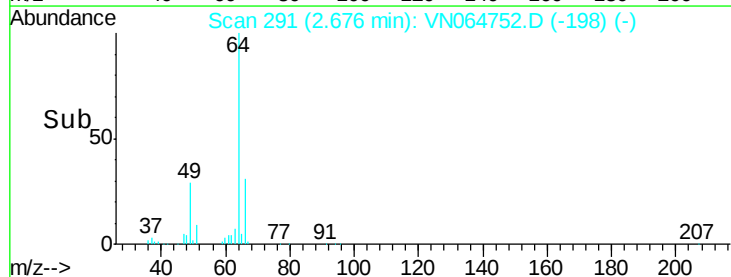
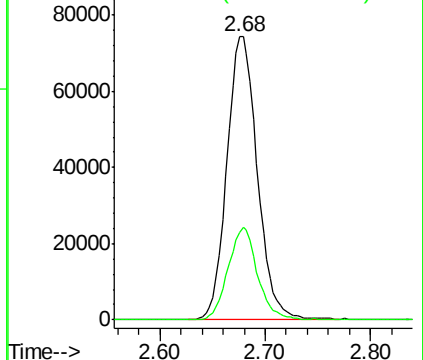
64 100

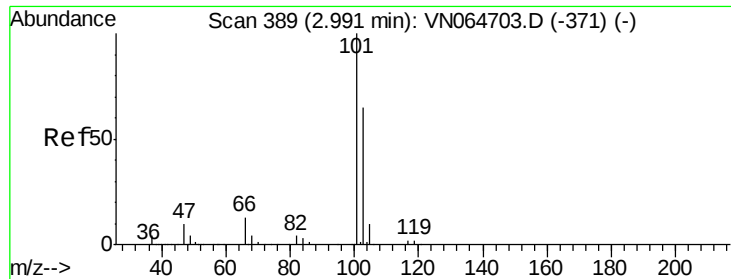
66 31.1 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

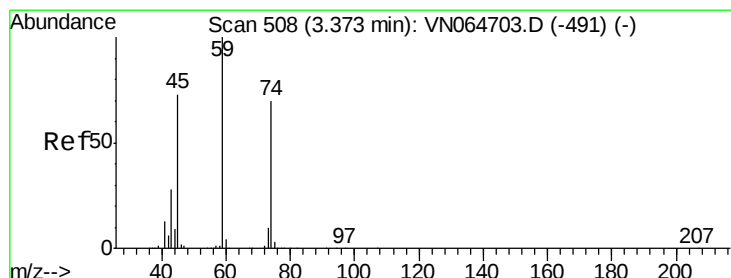
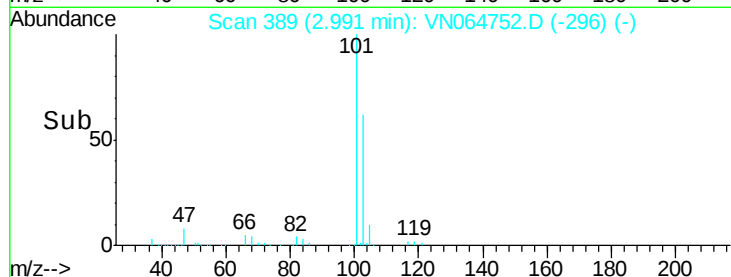
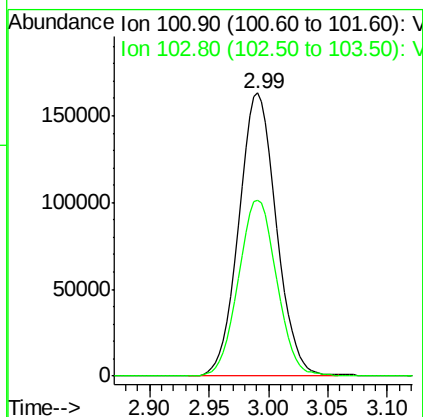
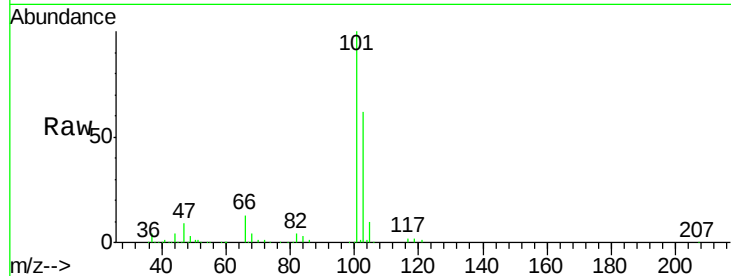
Trichlorofluoromethane
 Concen: 51.027 ug/l
 RT: 2.99 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: VN064752.D
 Acq: 20 Nov 2020 00:14

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.4	51.8	77.6

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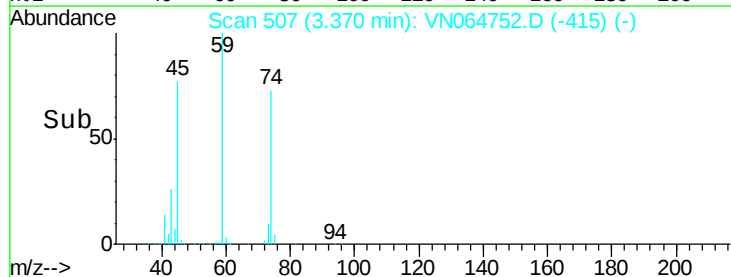
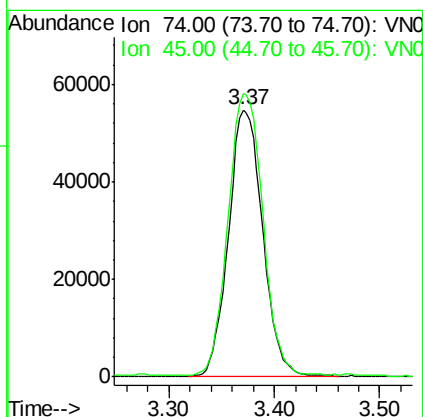
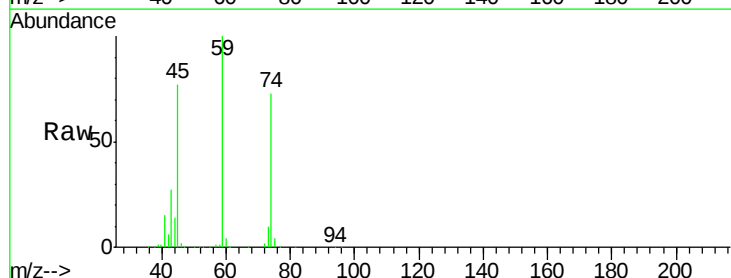
MMDadoda
 11/24/2020 3:11:32 PM

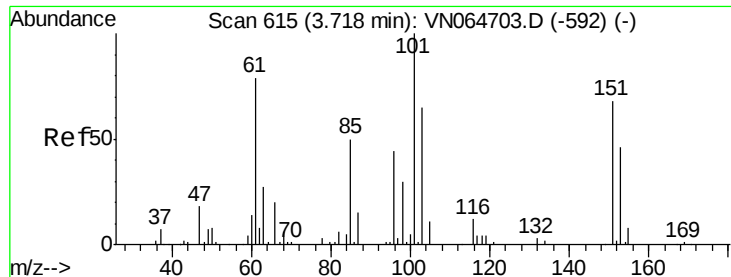


#8

Diethyl Ether
 Concen: 54.697 ug/l
 RT: 3.37 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: VN064752.D
 Acq: 20 Nov 2020 00:14

Tgt Ion	Ratio	Lower	Upper
74	100		
45	107.2	52.8	158.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.254 ug/l

RT: 3.71 min Scan# 614

Delta R.T. -0.00 min

Lab File: VN064752.D

Acq: 20 Nov 2020 00:14

Instrument :

MSVOA_N

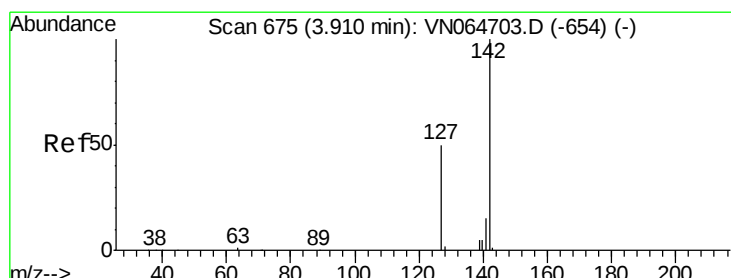
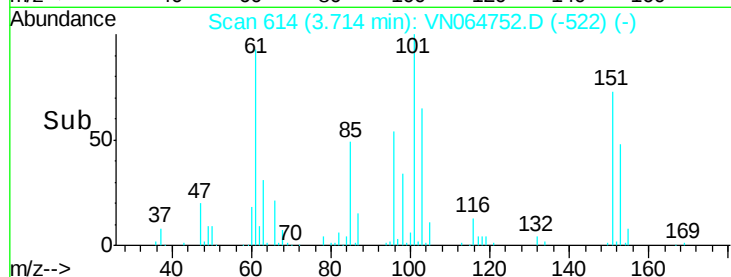
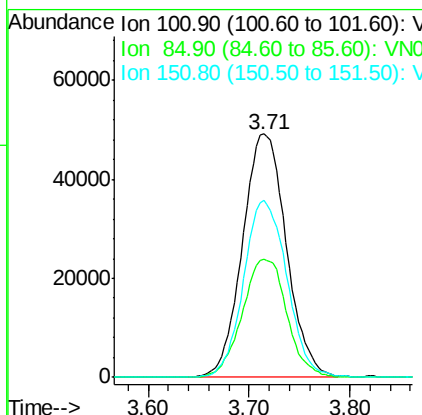
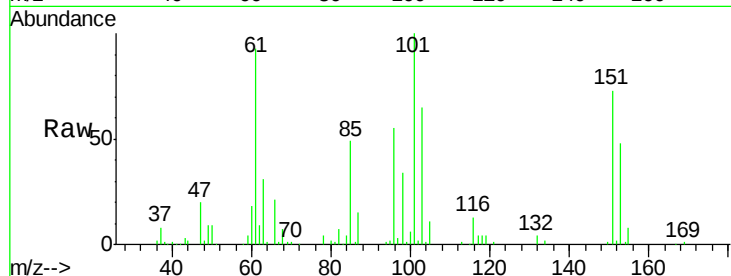
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	148543
Ion Ratio	Lower	Upper	
101	100		
85	49.3	39.0	58.4
151	72.0	57.2	85.8

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#10

Methyl Iodide

Concen: 44.449 ug/l

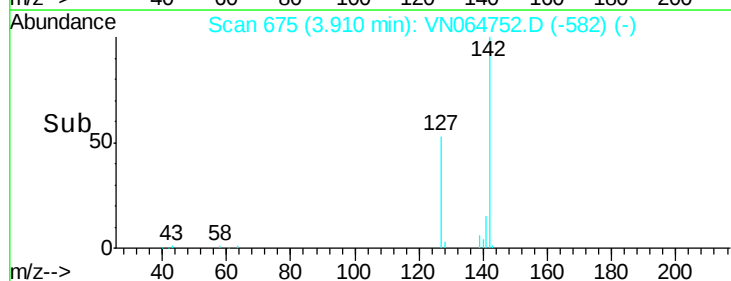
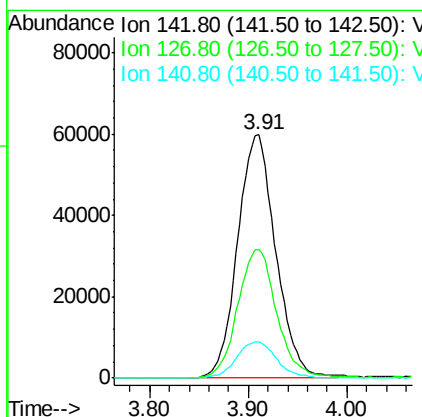
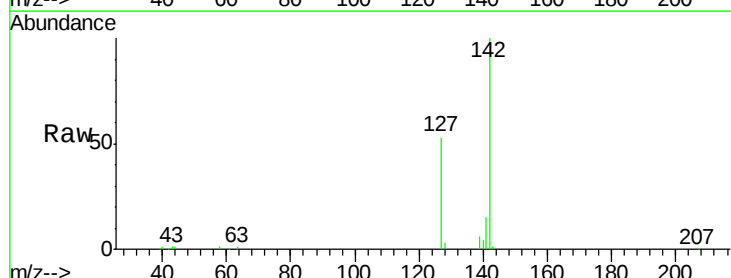
RT: 3.91 min Scan# 675

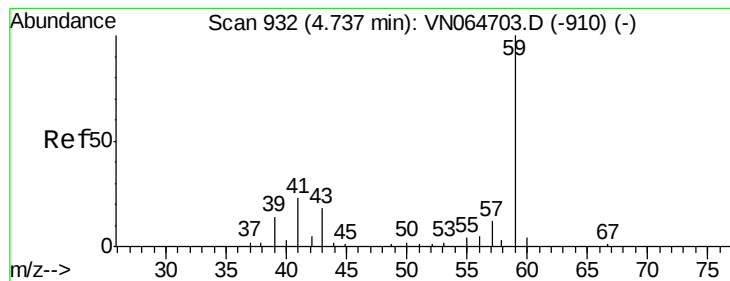
Delta R.T. -0.00 min

Lab File: VN064752.D

Acq: 20 Nov 2020 00:14

Tgt Ion:	142	Resp:	160241
Ion Ratio	Lower	Upper	
142	100		
127	54.4	42.0	63.0
141	15.6	12.1	18.1





#11

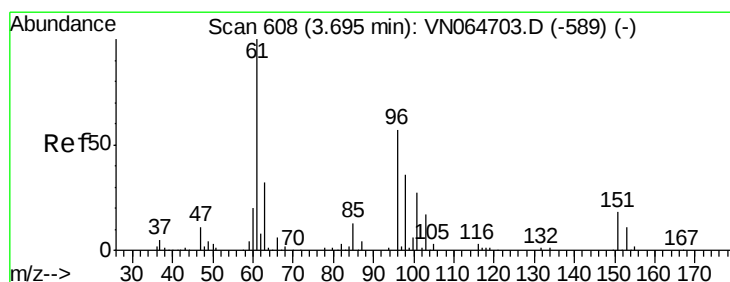
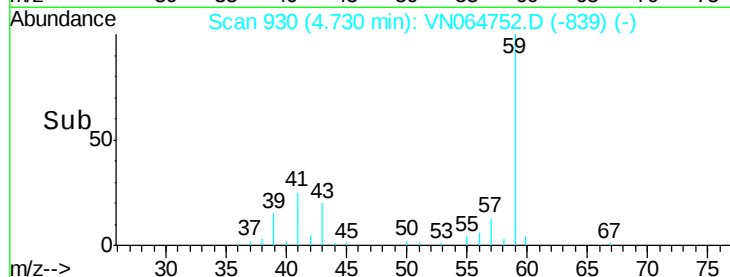
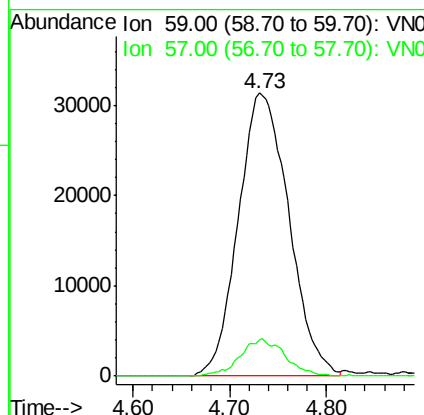
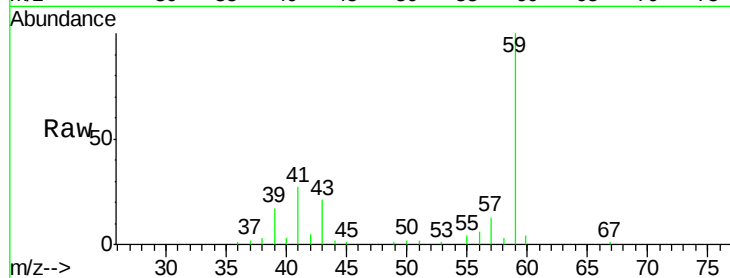
Tert butyl alcohol
 Concen: 246.524 ug/l
 RT: 4.73 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: VN064752.D
 Acq: 20 Nov 2020 00:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.8	9.1	13.7

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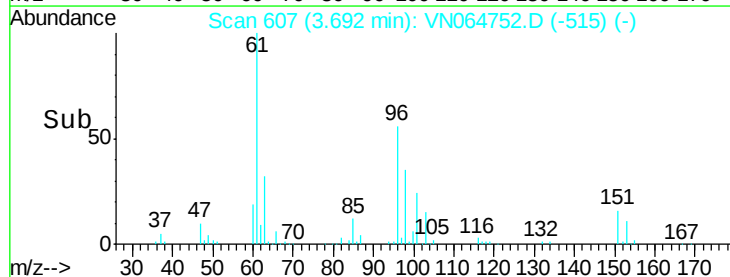
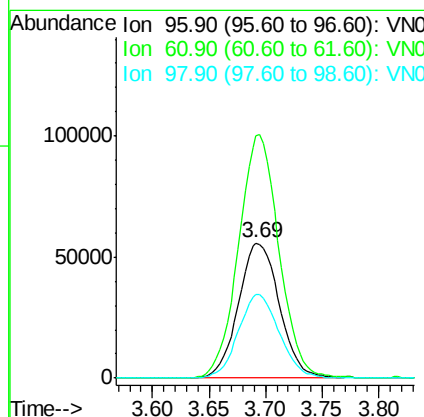
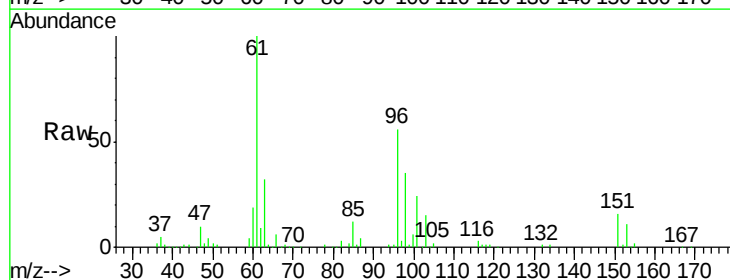
MMDadoda
 11/24/2020 3:11:32 PM

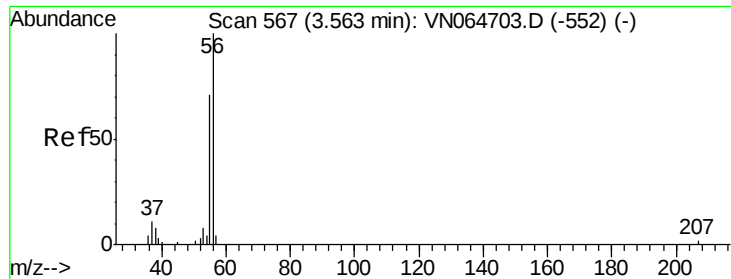


#12

1,1-Dichloroethene
 Concen: 48.671 ug/l
 RT: 3.69 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: VN064752.D
 Acq: 20 Nov 2020 00:14

Tgt Ion	Ratio	Lower	Upper
96	100		
61	178.2	139.1	208.7
98	62.0	50.2	75.2





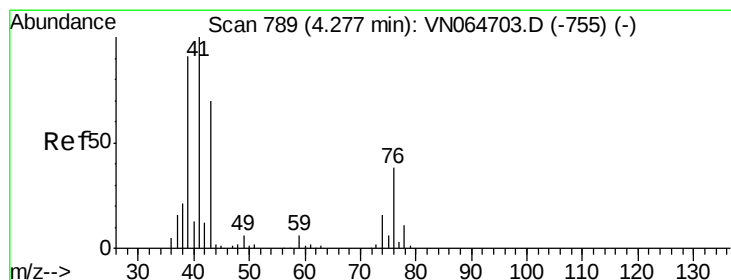
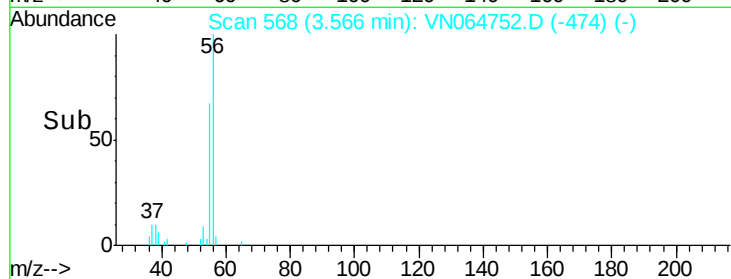
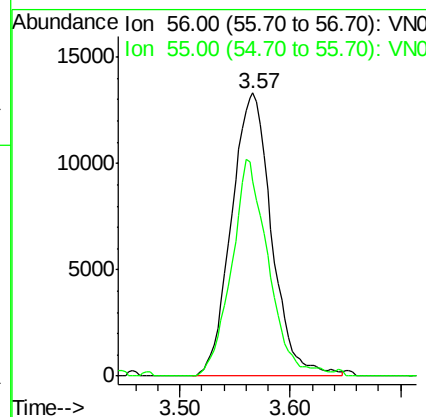
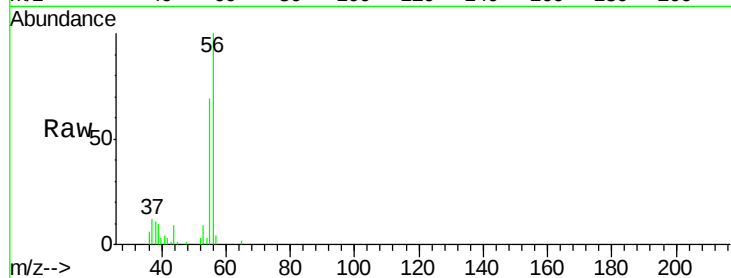
#13
Acrolein
Concen: 311.365 ug/l
RT: 3.57 min Scan# 568
Delta R.T. 0.00 min
Lab File: VN064752.D
Acq: 20 Nov 2020 00:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	56	Resp	33625
Ion Ratio	100	Lower	Upper
56	100		
55	70.1	61.8	92.6

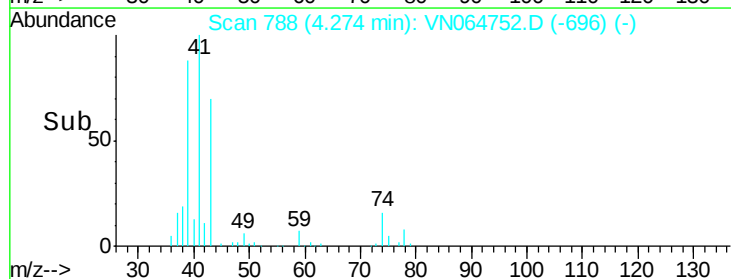
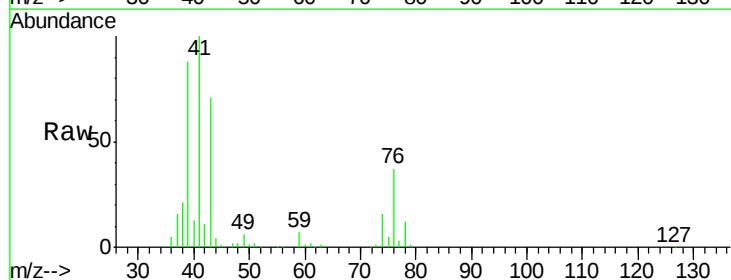
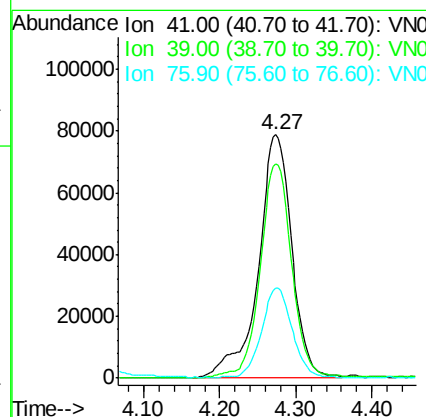
Manual Integrations
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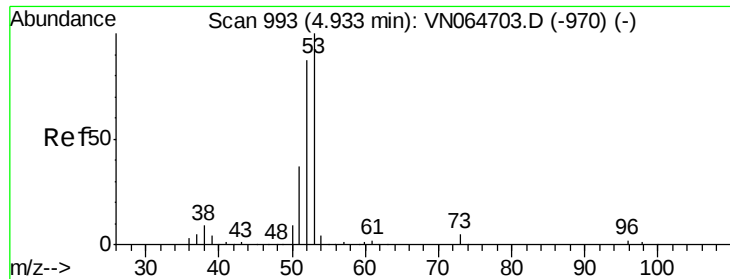
MMDadoda
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#14
Allyl chloride
Concen: 48.469 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN064752.D
Acq: 20 Nov 2020 00:14

Tgt Ion	41	Resp	241822
Ion Ratio	100	Lower	Upper
41	100		
39	83.4	66.1	99.1
76	33.4	26.6	40.0





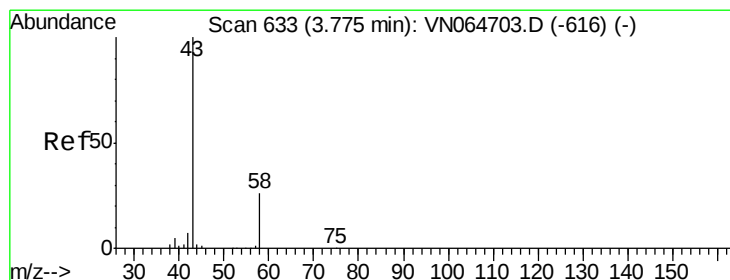
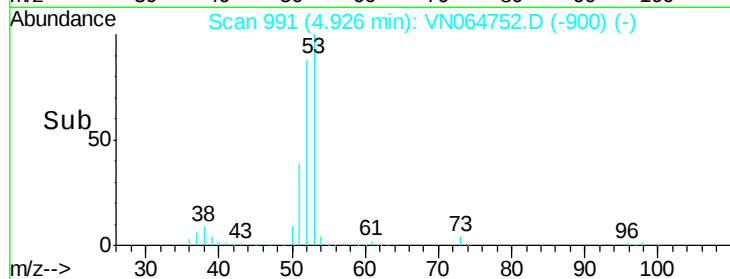
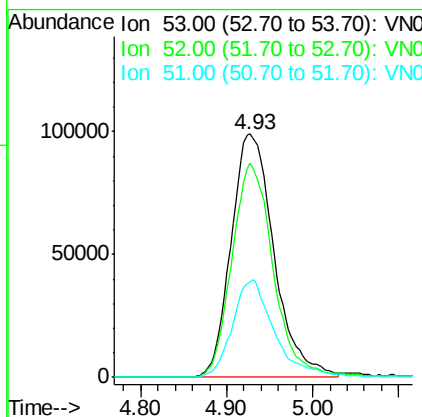
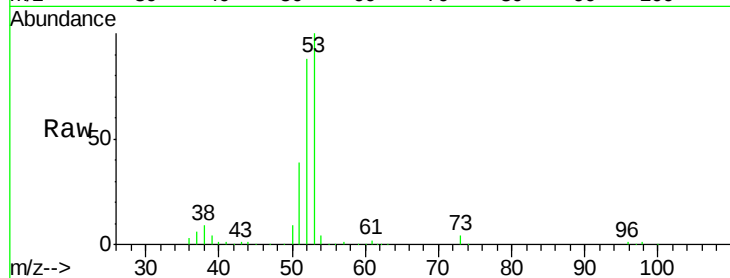
#15
 Acrylonitrile
 Concen: 253.756 ug/l
 RT: 4.93 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: VN064752.D
 Acq: 20 Nov 2020 00:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
53	100		
52	83.7	67.2	100.8
51	39.1	31.0	46.6

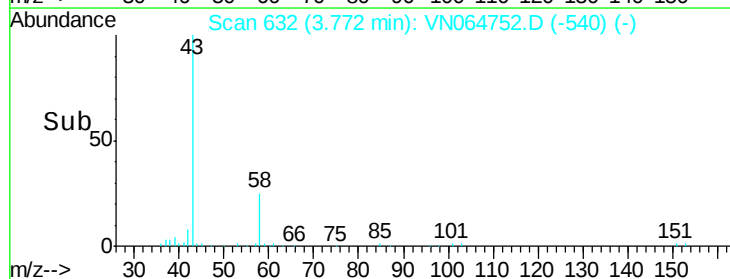
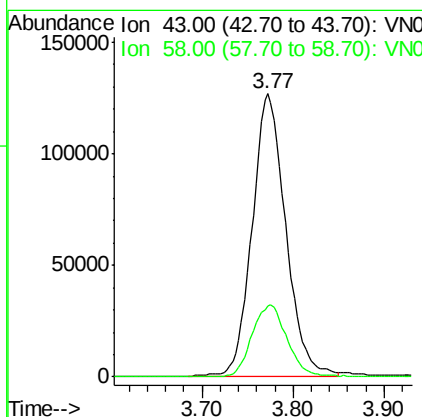
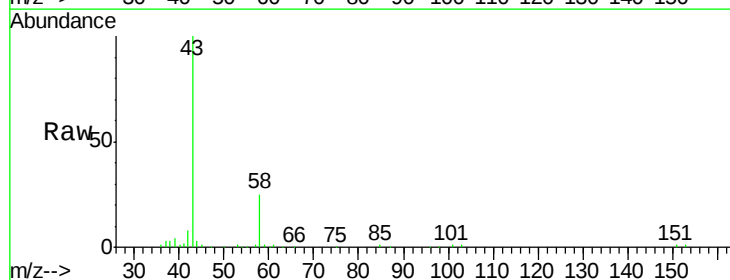
Manual Integrations
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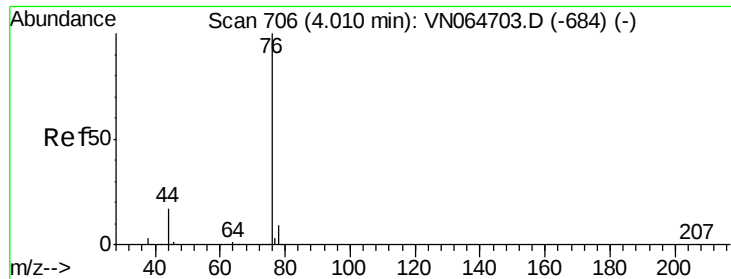
MMDadoda
 11/24/2020 3:11:32 PM



#16
 Acetone
 Concen: 280.791 ug/l
 RT: 3.77 min Scan# 632
 Delta R.T. -0.00 min
 Lab File: VN064752.D
 Acq: 20 Nov 2020 00:14

Tgt Ion	Ratio	Lower	Upper
43	100		
58	24.9	21.2	31.8





#17

Carbon Disulfide

Concen: 48.191 ug/l

RT: 4.01 min Scan# 705

Delta R.T. -0.00 min

Lab File: VN064752.D

Acq: 20 Nov 2020 00:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 407184

Ion Ratio Lower Upper

76 100

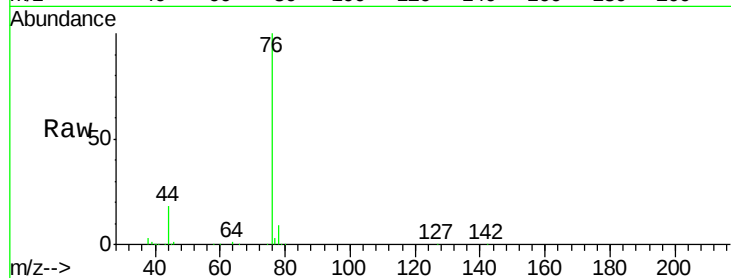
78 8.9 7.1 10.7

Manual Integrations

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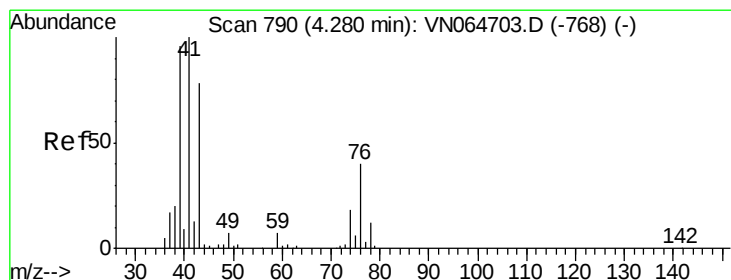
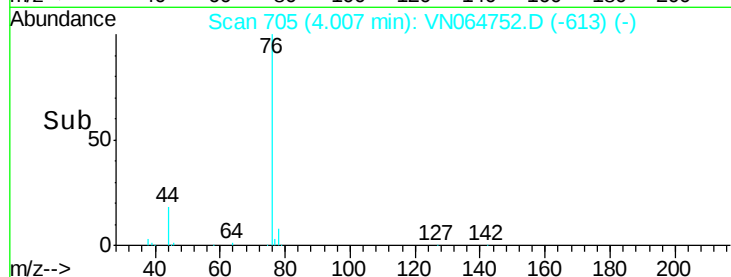
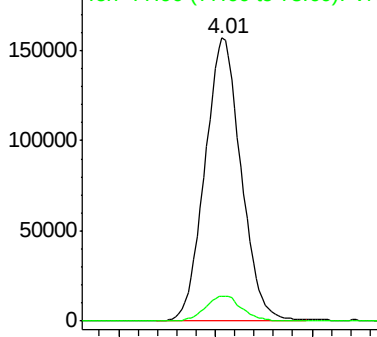
MMDadoda

11/24/2020 3:11:32 PM



Abundance Ion 75.90 (75.60 to 76.60): VNC

Ion 77.90 (77.60 to 78.60): VNC



#18

Methyl Acetate

Concen: 46.148 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.01 min

Lab File: VN064752.D

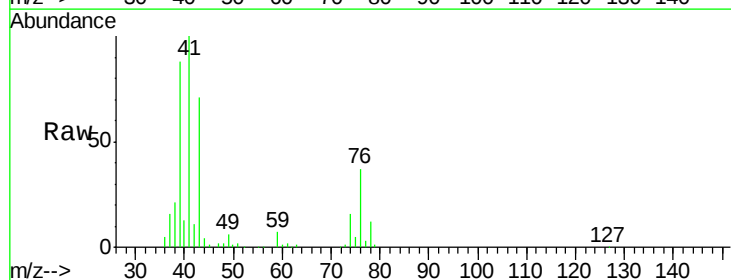
Acq: 20 Nov 2020 00:14

Tgt Ion: 43 Resp: 160644

Ion Ratio Lower Upper

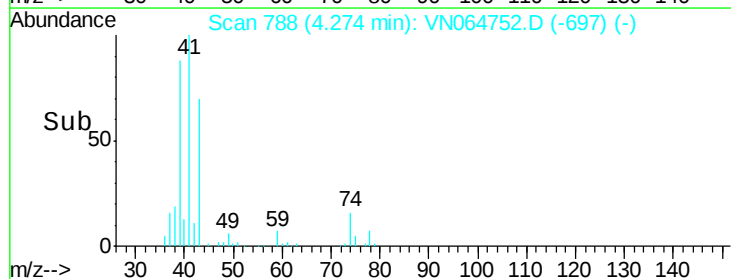
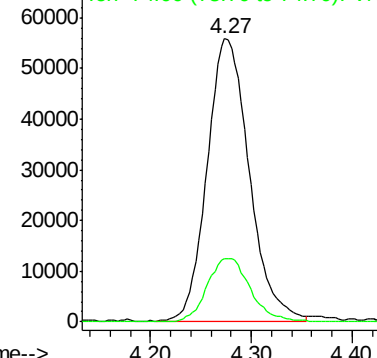
43 100

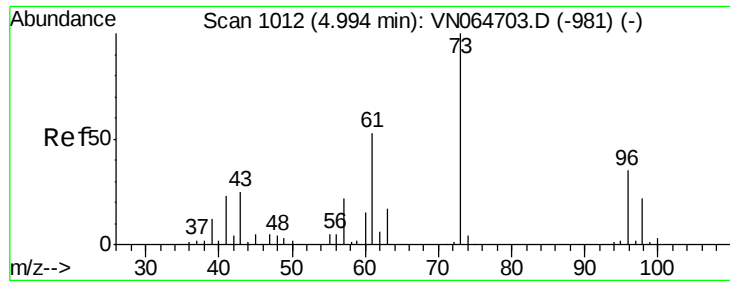
74 23.3 17.6 26.4



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 74.00 (73.70 to 74.70): VNC





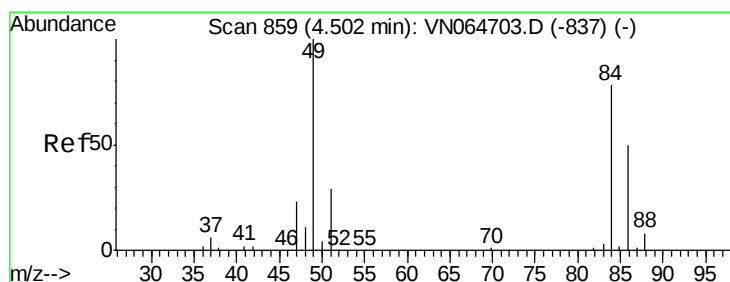
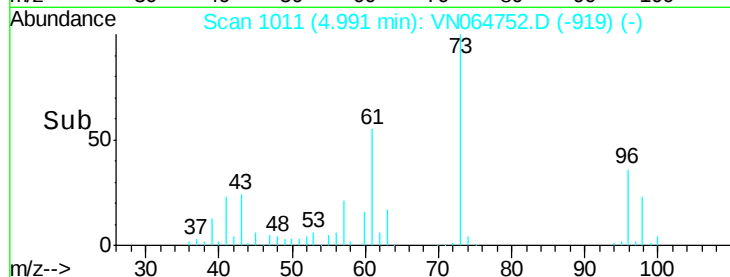
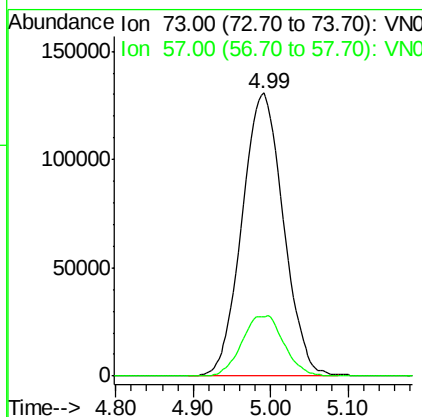
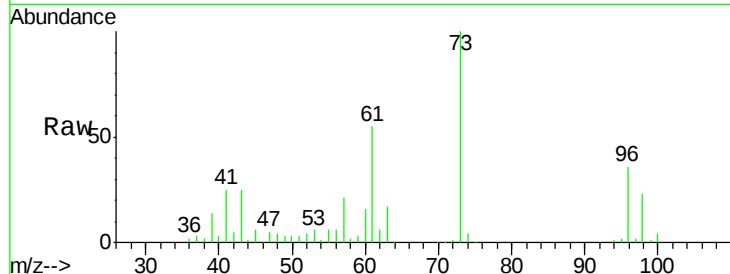
#19
Methvl tert-butvl Ether
Concen: 50.147 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN064752.D
Acq: 20 Nov 2020 00:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 487570
Ion Ratio Lower Upper
73 100
57 21.0 17.3 25.9

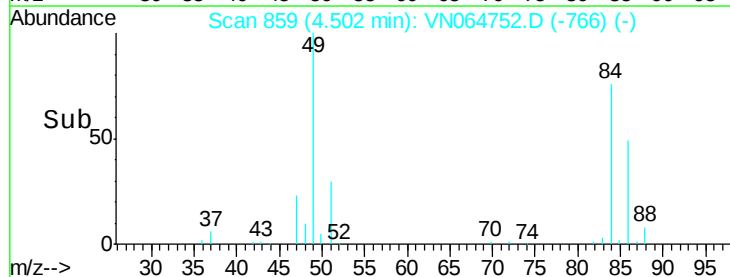
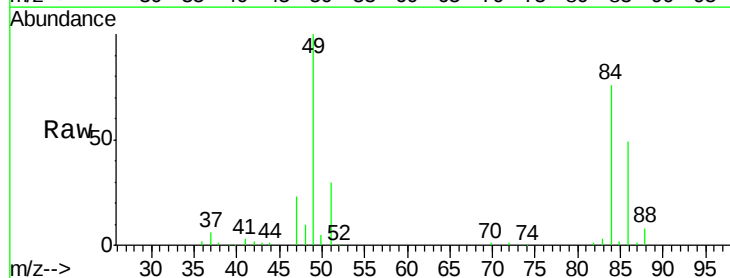
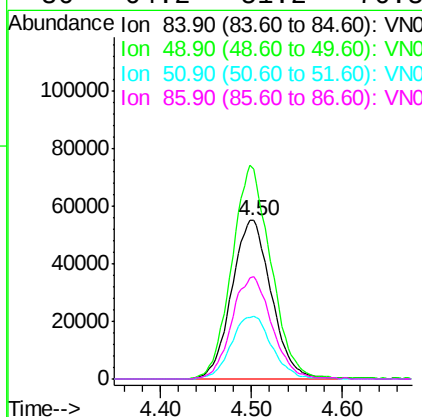
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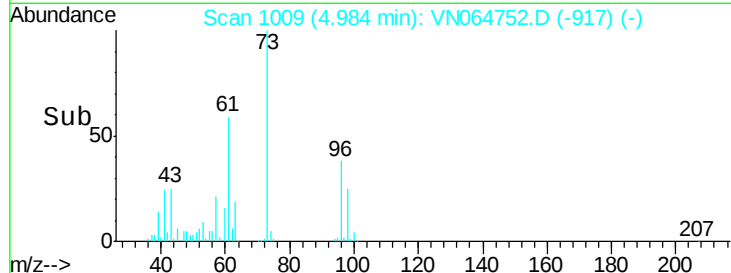
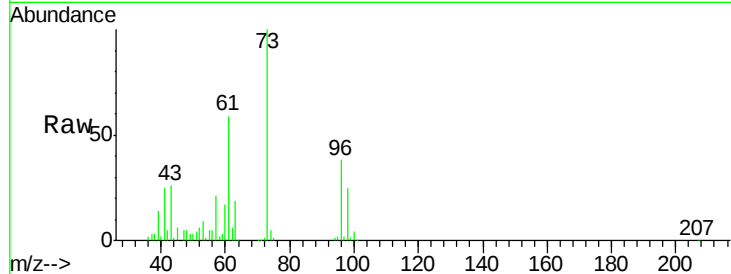
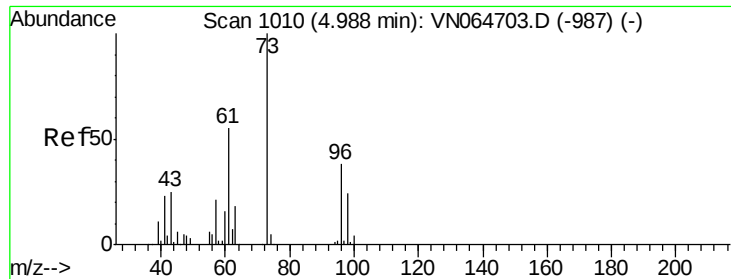
MMDadoda
11/24/2020 3:11:32 PM



#20
Methylene Chloride
Concen: 47.394 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064752.D
Acq: 20 Nov 2020 00:14

Tgt Ion: 84 Resp: 166862
Ion Ratio Lower Upper
84 100
49 131.8 102.4 153.6
51 39.4 29.4 44.2
86 64.2 51.2 76.8





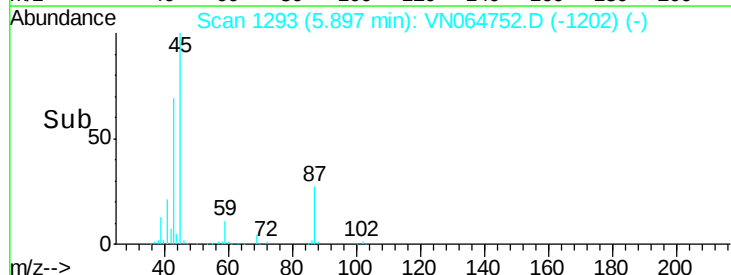
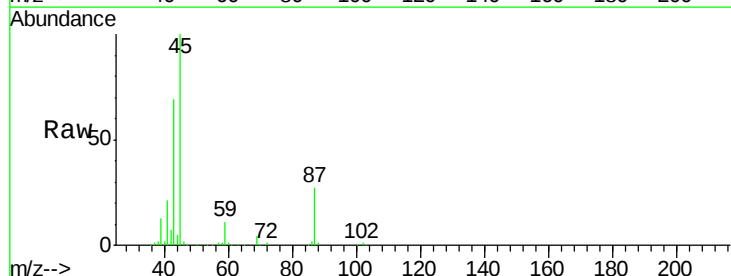
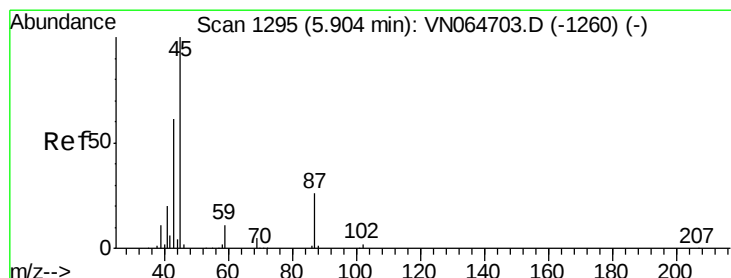
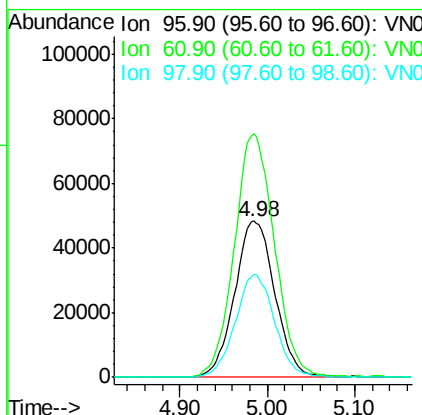
#21
trans-1,2-Dichloroethene
Concen: 47.640 ug/l
RT: 4.98 min Scan# 1009
Delta R.T. -0.00 min
Lab File: VN064752.D
Acq: 20 Nov 2020 00:14

Tot Ion	Ratio	Lower	Upper
96	100		
61	156.0	117.9	176.9
98	65.9	51.1	76.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

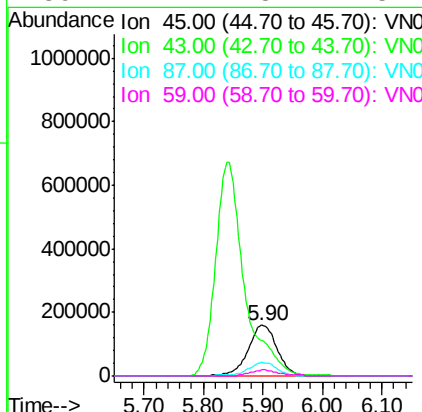
Manual Integrations
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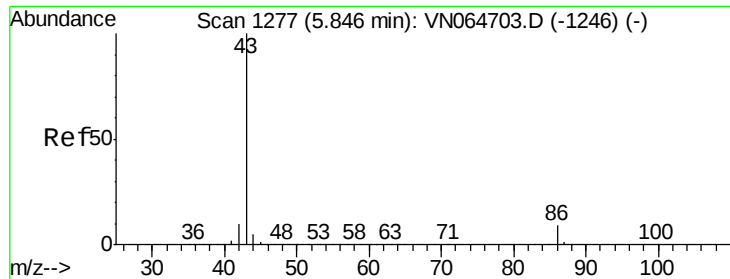
MMDadoda
11/24/2020 3:11:32 PM



#22
Diisopropyl ether
Concen: 52.035 ug/l
RT: 5.90 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VN064752.D
Acq: 20 Nov 2020 00:14

Tgt Ion	Ratio	Lower	Upper
45	100		
43	68.6	52.3	78.5
87	26.6	21.6	32.4
59	11.4	8.7	13.1





#23

Vinyl Acetate

Concen: 264.955 ug/l

RT: 5.84 min Scan# 1275

Delta R.T. -0.01 min

Lab File: VN064752.D

Acq: 20 Nov 2020 00:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2252985

Ion Ratio Lower Upper

43 100

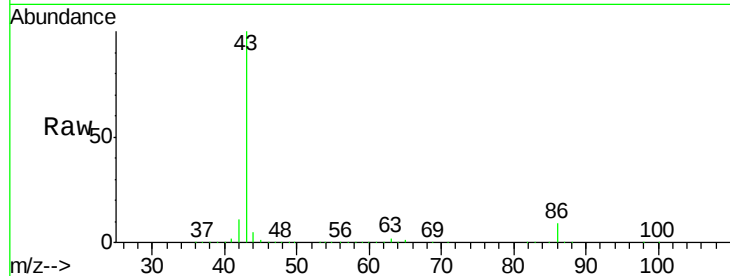
86 9.3 7.4 11.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN064703.D (-1246) (-)

Ion 86.00 (85.70 to 86.70): VN064703.D (-1246) (-)

5.84

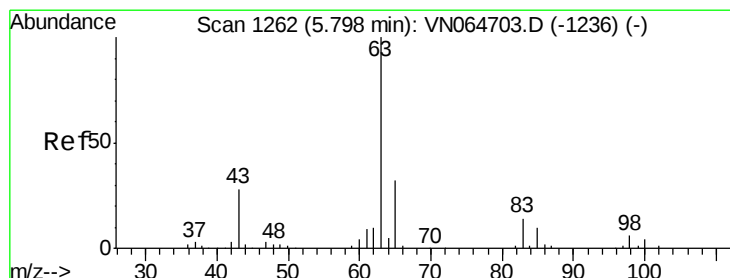
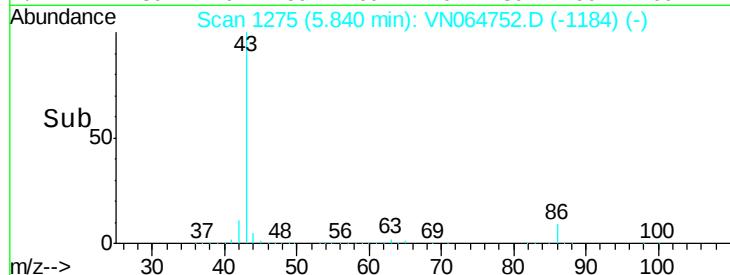
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 50.397 ug/l

RT: 5.79 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VN064752.D

Acq: 20 Nov 2020 00:14

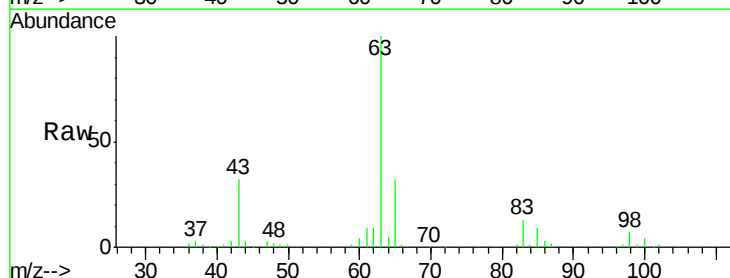
Tgt Ion: 63 Resp: 311107

Ion Ratio Lower Upper

63 100

98 6.5 3.2 9.6

100 3.8 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN064703.D (-1236) (-)

Ion 97.90 (97.60 to 98.60): VN064703.D (-1236) (-)

Ion 99.90 (99.60 to 100.60): VN064703.D (-1236) (-)

5.79

120000

100000

80000

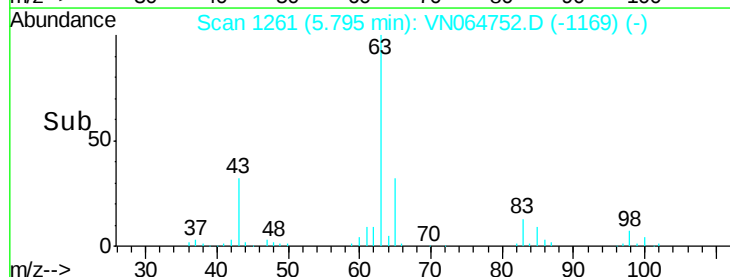
60000

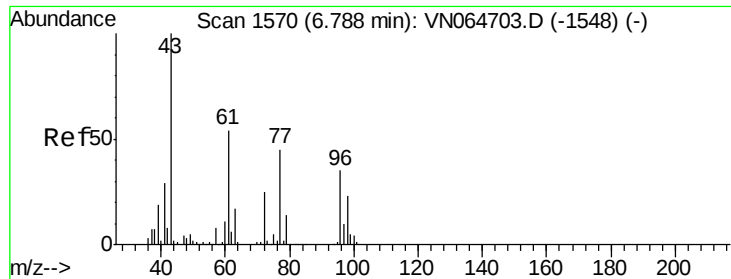
40000

20000

0

Time-->





#25

2-Butanone

Concen: 269.074 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.01 min

Lab File: VN064752.D

Acq: 20 Nov 2020 00:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 489108

Ion Ratio Lower Upper

43 100

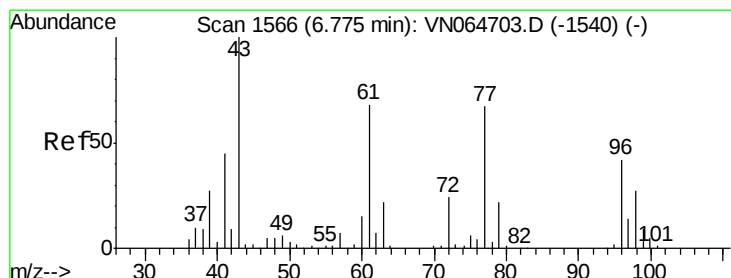
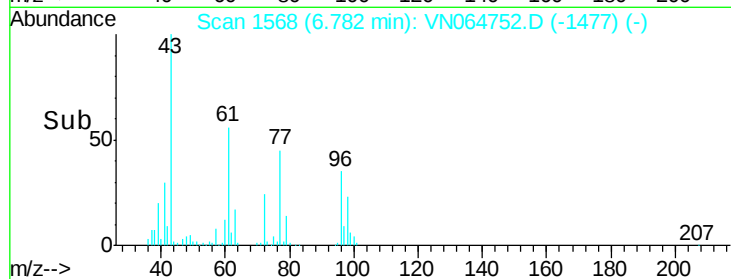
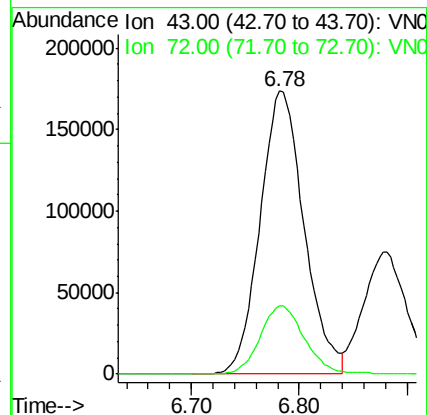
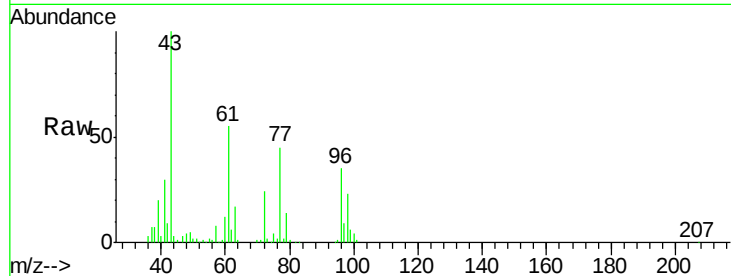
72 24.2 19.7 29.5

Manual Integrations

APPROVED

MMDadoda

11/24/2020 3:11:32 PM



#26

2,2-Dichloropropane

Concen: 44.711 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN064752.D

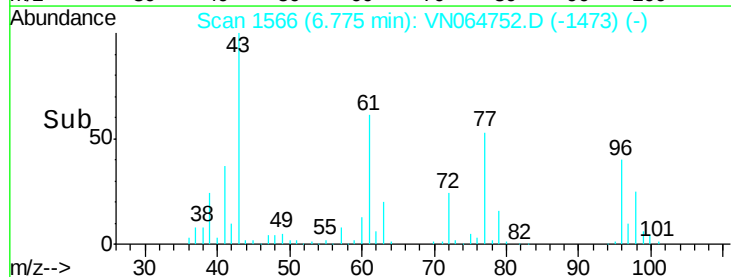
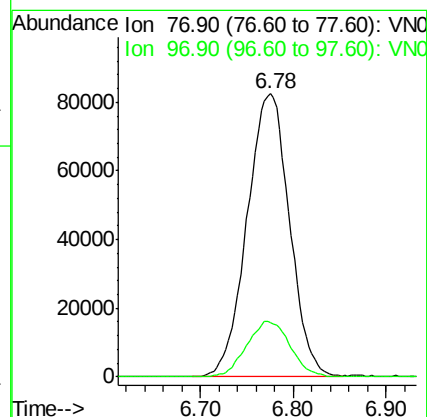
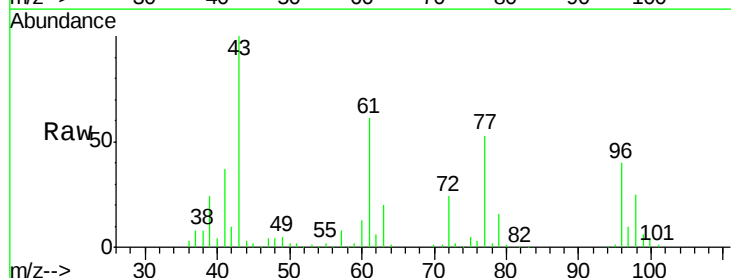
Acq: 20 Nov 2020 00:14

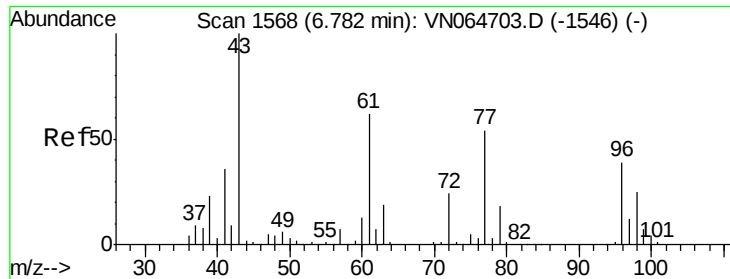
Tgt Ion: 77 Resp: 262271

Ion Ratio Lower Upper

77 100

97 20.0 10.5 31.5





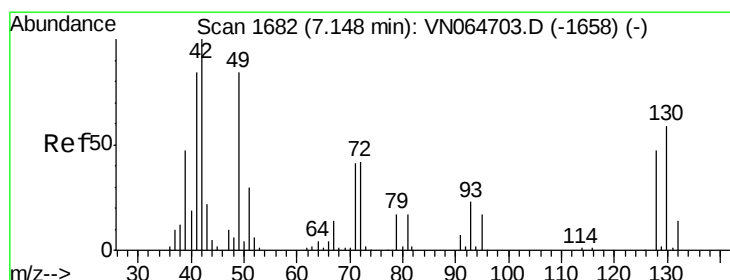
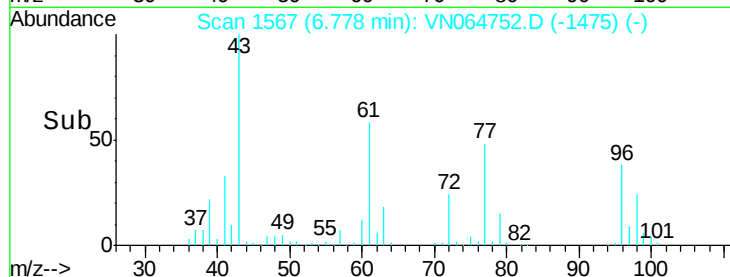
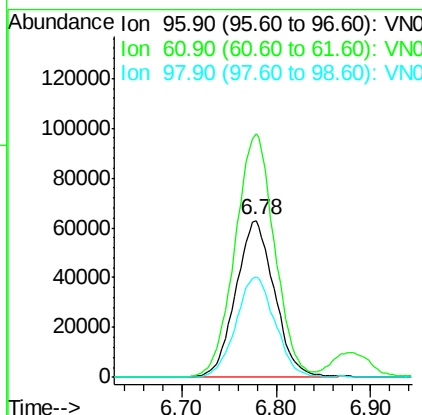
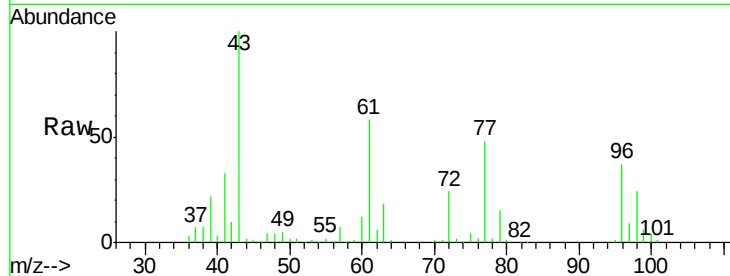
#27
 cis-1,2-Dichloroethene
 Concen: 50.137 ug/l
 RT: 6.78 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: VN064752.D
 Acq: 20 Nov 2020 00:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	179217		
61	158.4	0.0	322.6	
98	64.6	0.0	128.6	

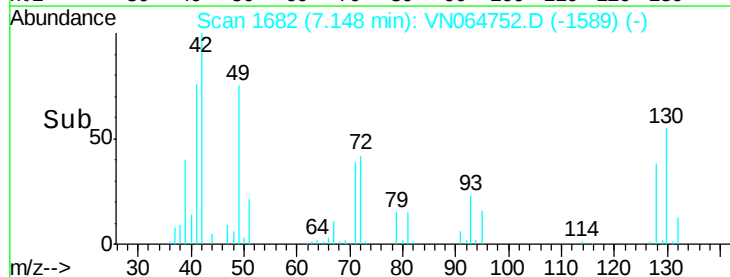
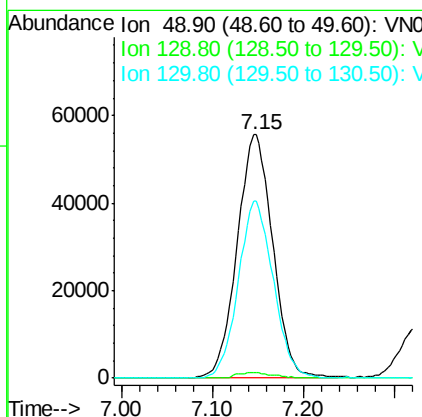
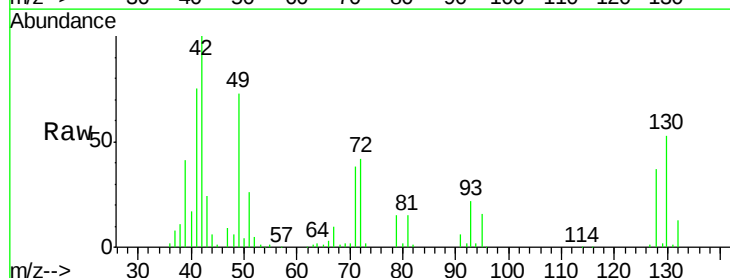
Manual Integrations
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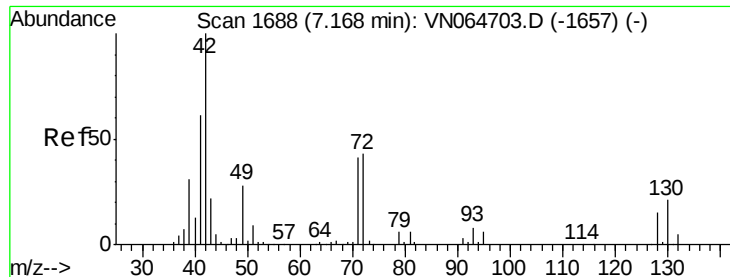
MMDadoda
 11/24/2020 3:11:32 PM



#28
 Bromochloromethane
 Concen: 48.626 ug/l
 RT: 7.15 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: VN064752.D
 Acq: 20 Nov 2020 00:14

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	151348		
129	2.2	0.0	3.8	
130	71.4	56.2	84.4	





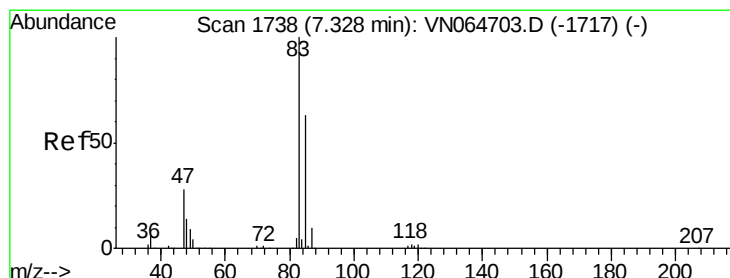
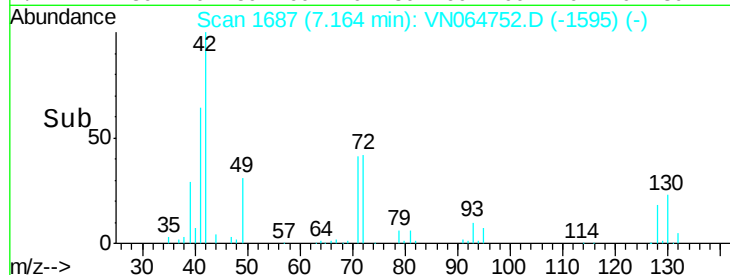
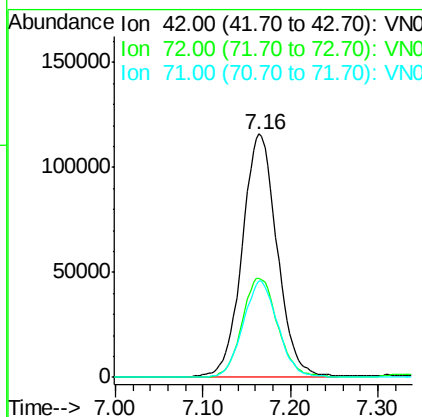
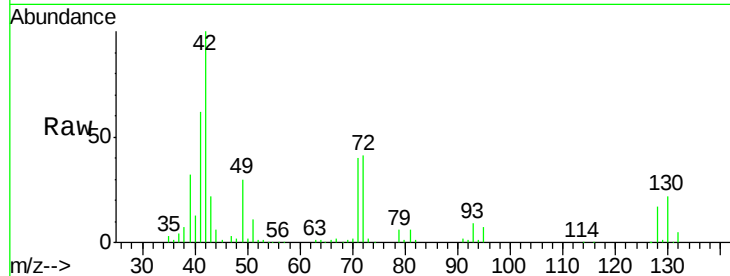
#29
Tetrahydrofuran
Concen: 260.003 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN064752.D
Acq: 20 Nov 2020 00:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.9	33.0	49.4
71	39.6	31.8	47.6

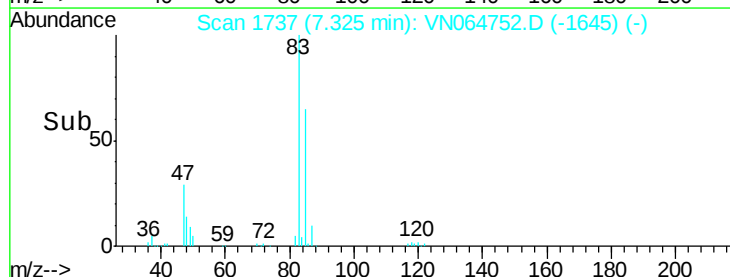
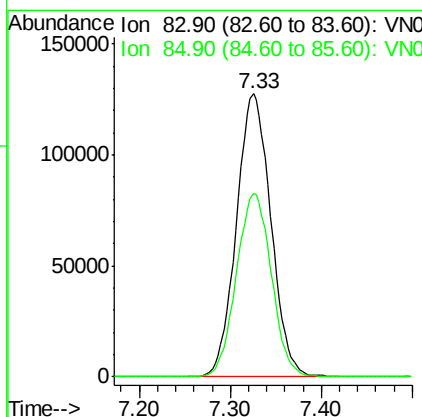
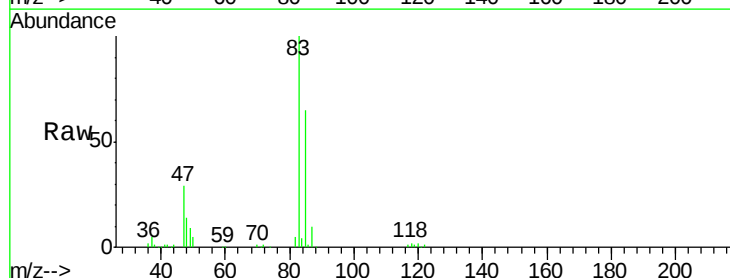
Manual Integrations
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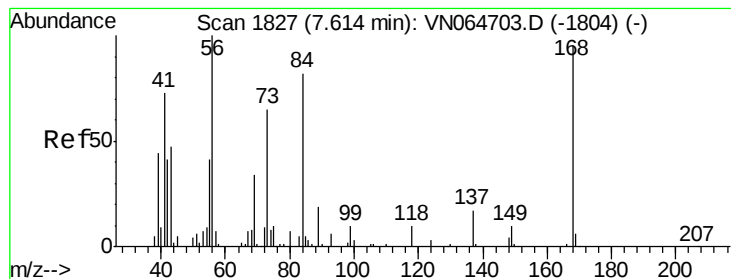
MMDadoda
11/24/2020 3:11:32 PM



#30
Chloroform
Concen: 50.073 ug/l
RT: 7.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN064752.D
Acq: 20 Nov 2020 00:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	50.6	75.8





#31

Cyclohexane

Concen: 46.960 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN064752.D

Acq: 20 Nov 2020 00:14

Instrument :

MSVOA_N

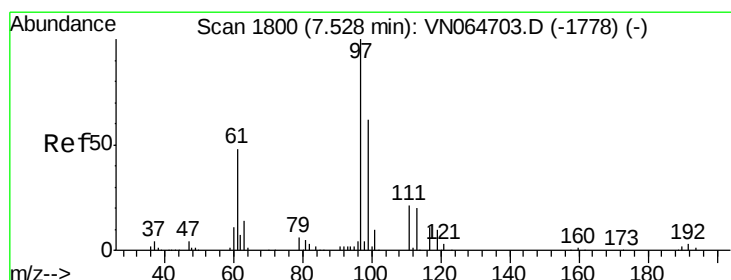
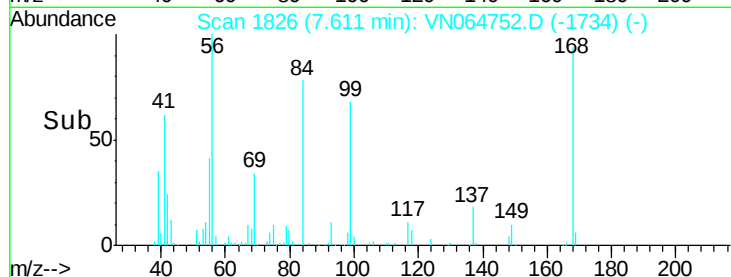
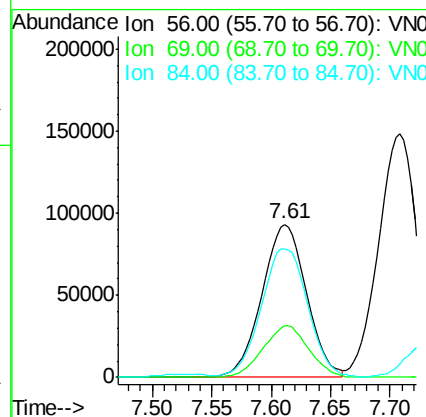
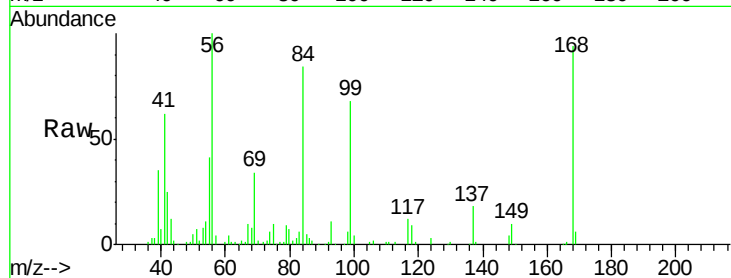
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	241382
Ion	Ratio	Lower	Upper
56	100		
69	33.8	27.2	40.8
84	81.7	65.9	98.9

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 50.187 ug/l

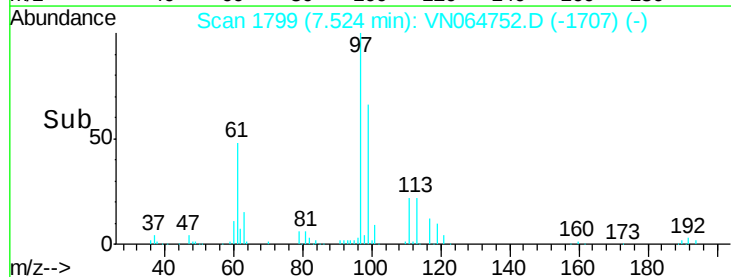
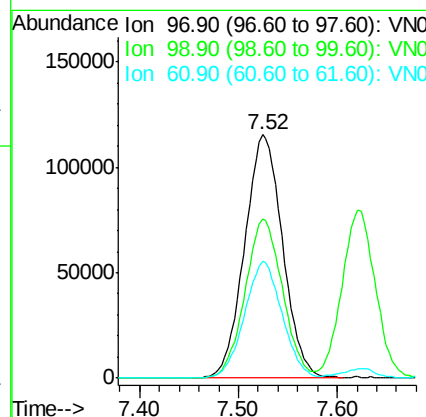
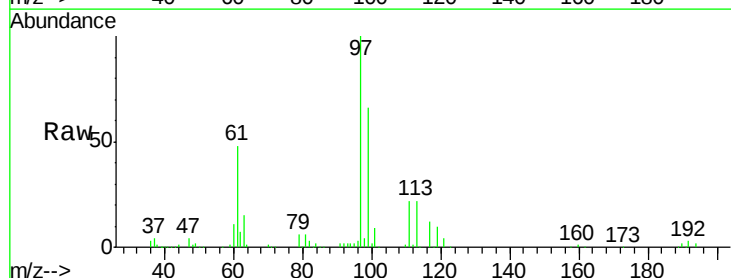
RT: 7.52 min Scan# 1799

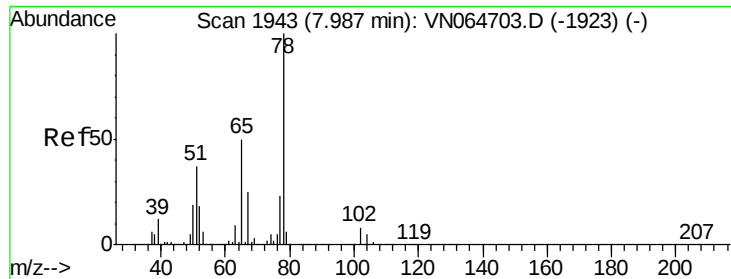
Delta R.T. -0.00 min

Lab File: VN064752.D

Acq: 20 Nov 2020 00:14

Tgt Ion:	97	Resp:	307732
Ion	Ratio	Lower	Upper
97	100		
99	64.5	50.6	76.0
61	47.5	38.3	57.5





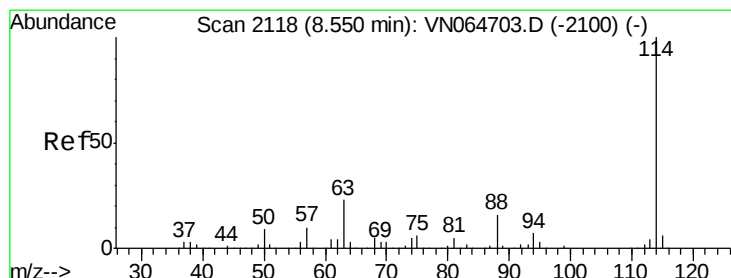
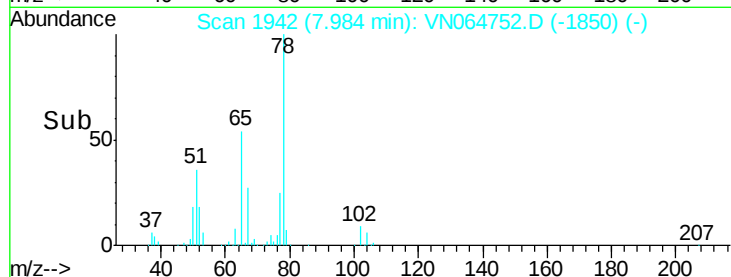
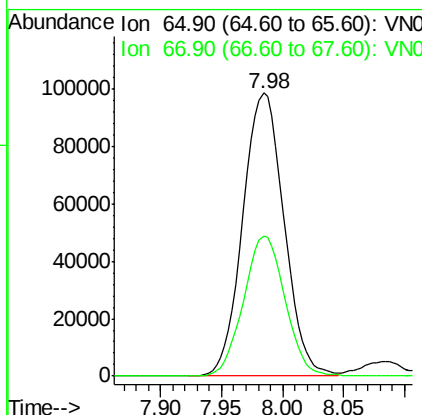
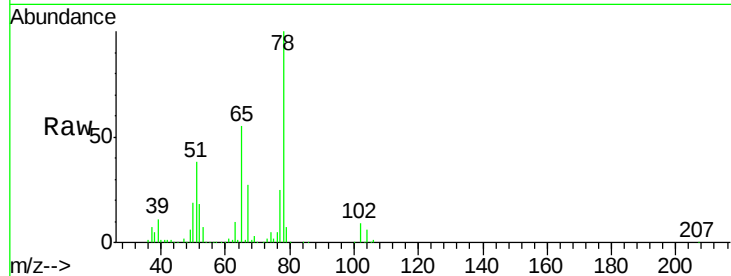
#33
 1,2-Dichloroethane-d4
 Concen: 48.520 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN064752.D
 Acq: 20 Nov 2020 00:14

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	230686		
67	49.6	0.0	99.8	

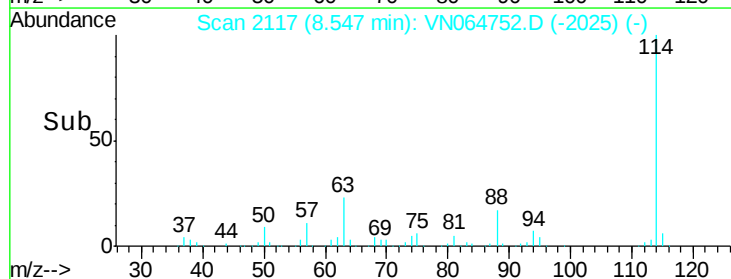
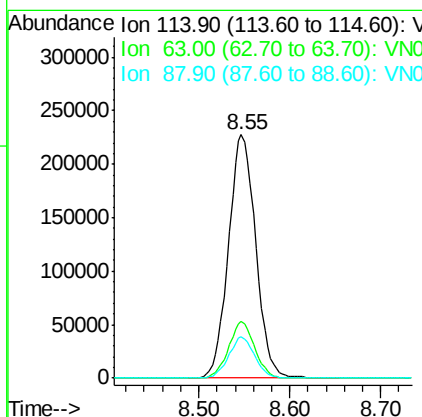
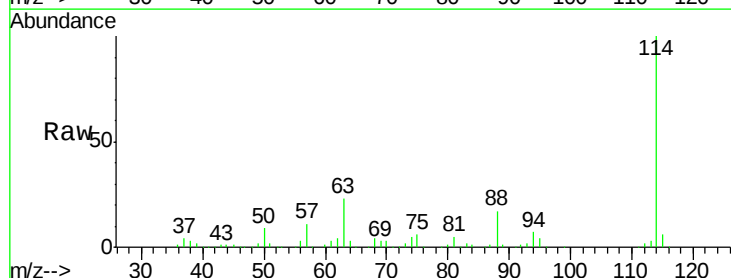
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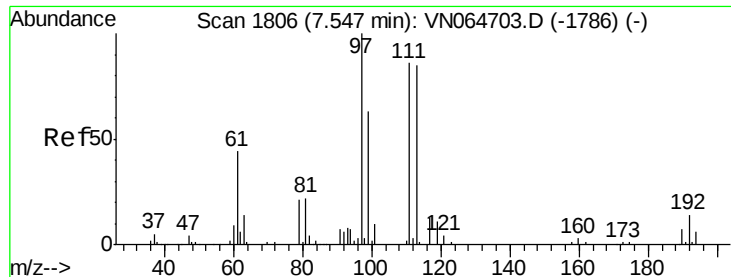
MMDadoda
 11/24/2020 3:11:32 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064752.D
 Acq: 20 Nov 2020 00:14

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	472703		
63	23.1	0.0	46.0	
88	16.8	0.0	31.2	





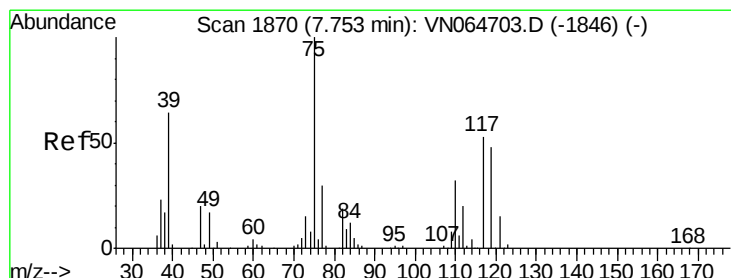
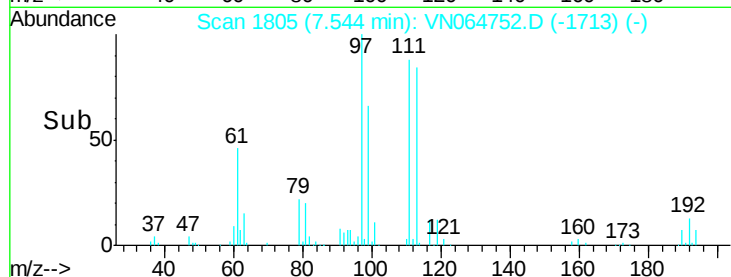
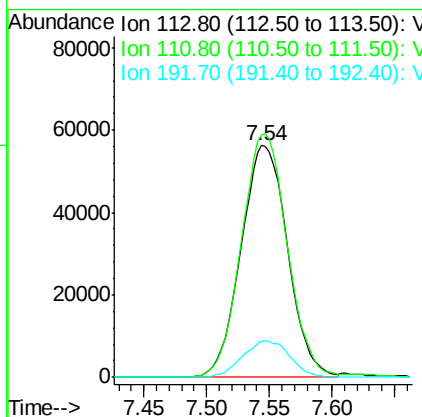
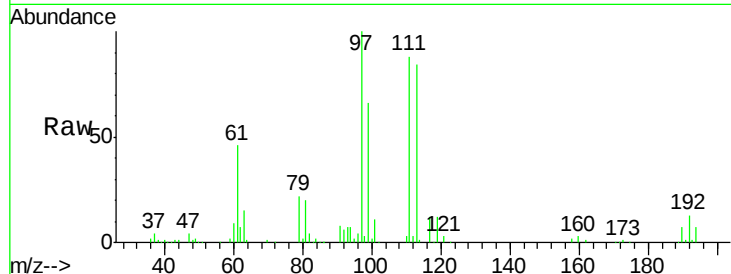
#35
 Dibromofluoromethane
 Concen: 54.001 ug/l
 RT: 7.54 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: VN064752.D
 Acq: 20 Nov 2020 00:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	145289		
111	103.4	82.2	123.4	
192	15.9	12.7	19.1	

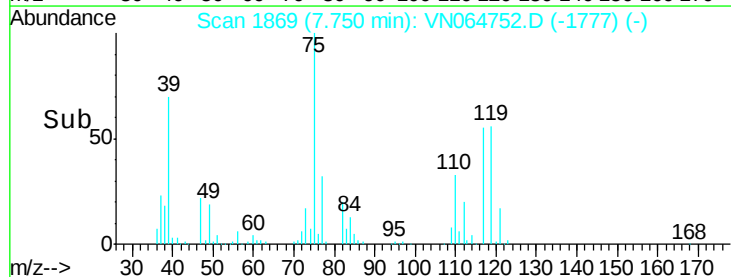
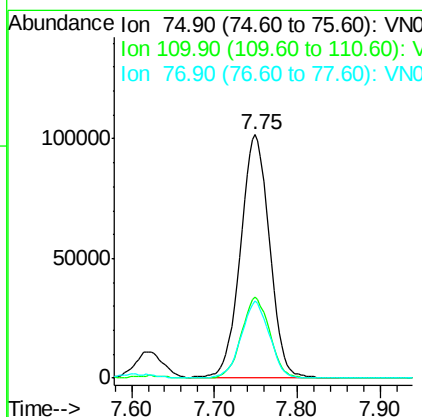
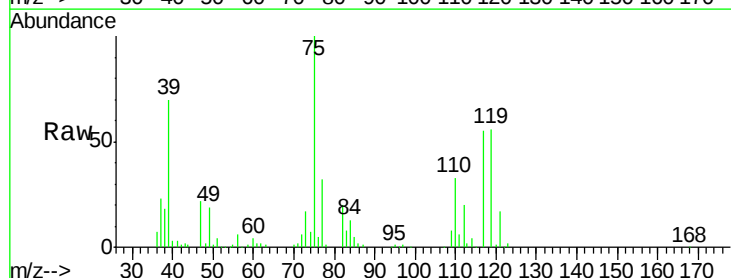
Manual Integrations
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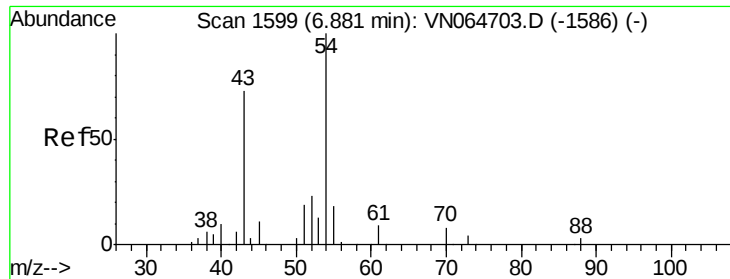
MMDadoda
 11/24/2020 3:11:32 PM



#36
 1,1-Dichloropropene
 Concen: 50.555 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064752.D
 Acq: 20 Nov 2020 00:14

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	245857		
110	32.6	16.2	48.6	
77	31.0	24.4	36.6	





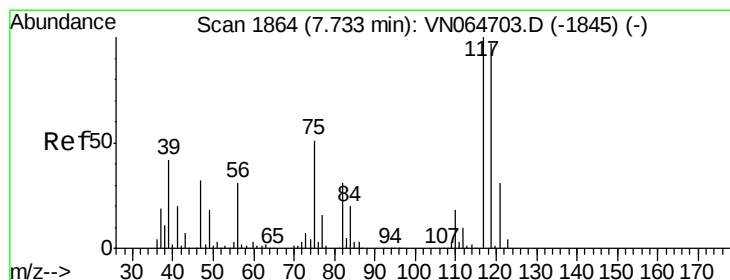
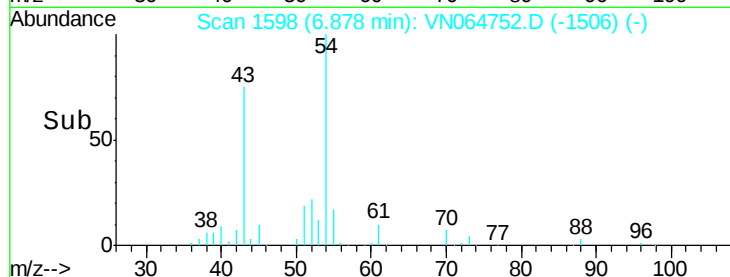
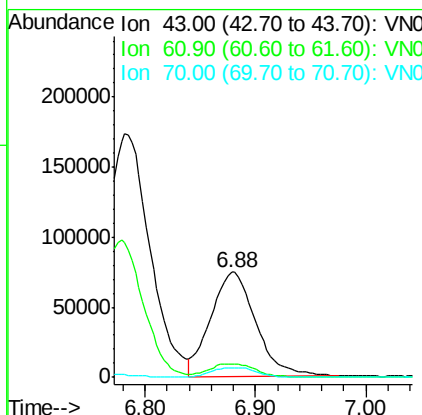
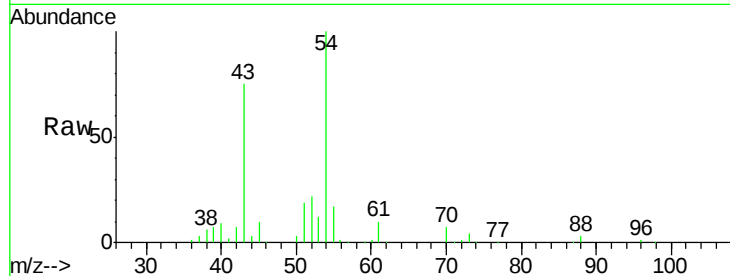
#37
Ethyl Acetate
Concen: 51.357 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN064752.D
Acq: 20 Nov 2020 00:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.4	15.6
70	4.9	7.6	11.4

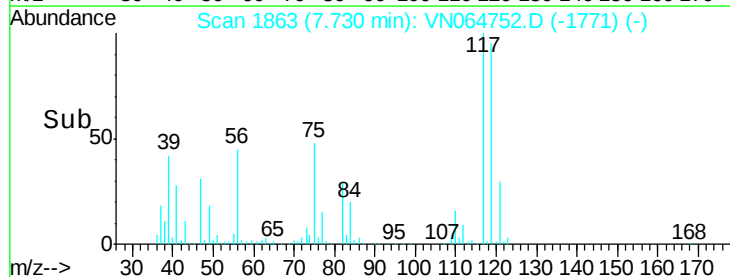
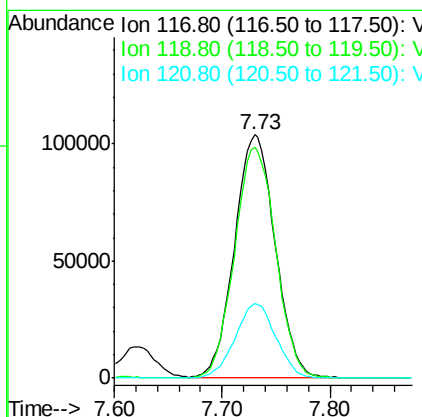
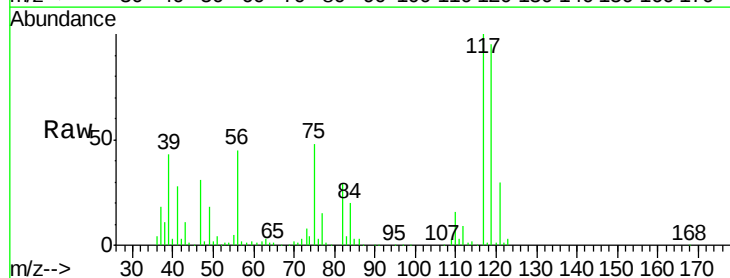
Manual Integrations
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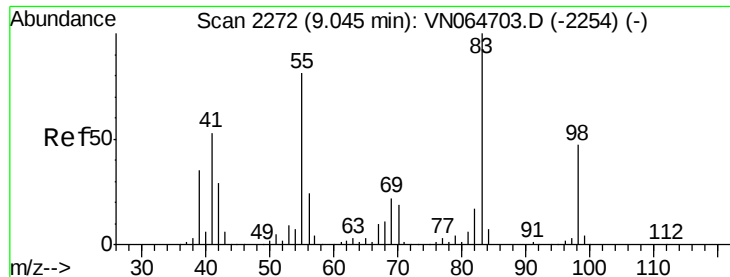
MMDadoda
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#38
Carbon Tetrachloride
Concen: 52.630 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN064752.D
Acq: 20 Nov 2020 00:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	77.8	116.6
121	30.5	24.9	37.3





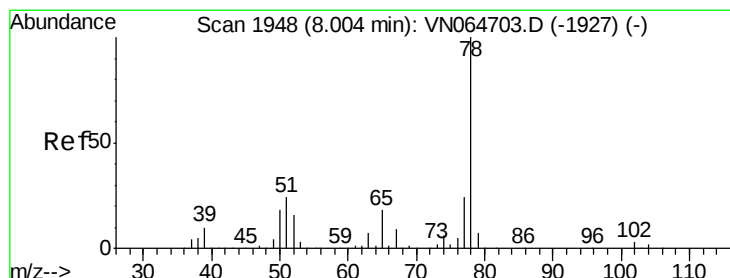
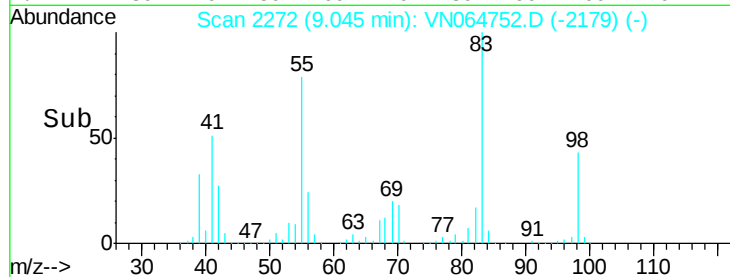
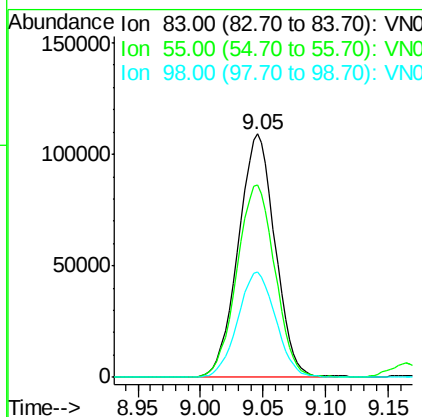
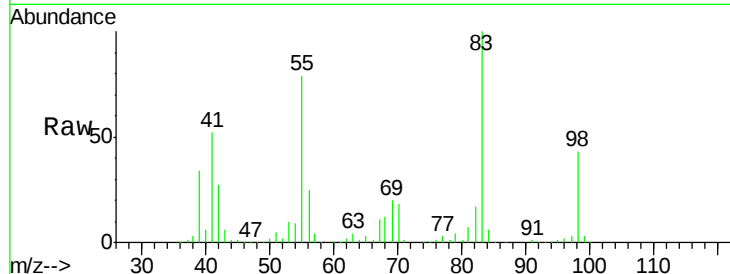
#39
Methvlcvclohexane
Concen: 51.824 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064752.D
Acq: 20 Nov 2020 00:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	223312		
55	79.2	64.6	97.0	
98	43.1	37.7	56.5	

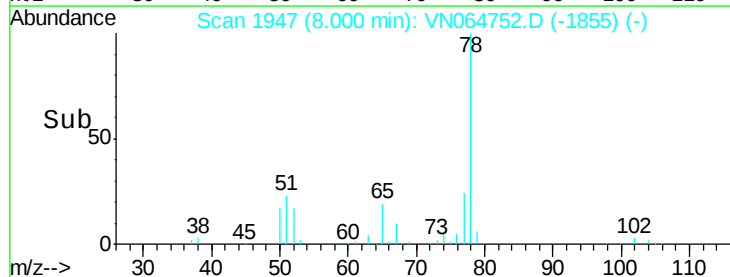
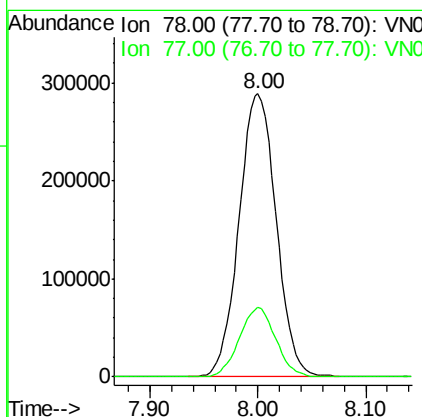
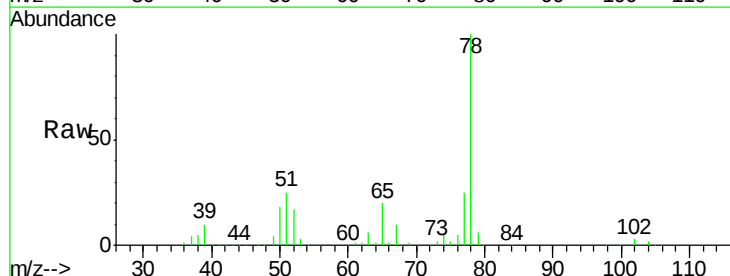
Manual Integrations
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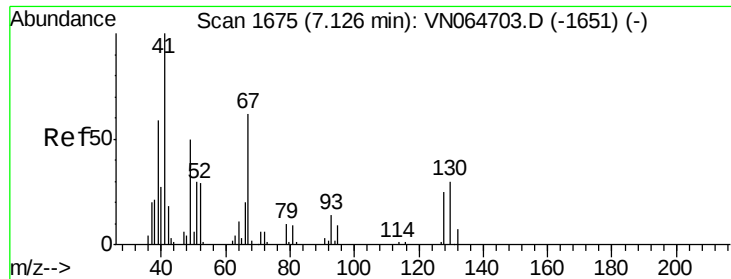
MMDadoda
11/24/2020 3:11:32 PM



#40
Benzene
Concen: 51.126 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064752.D
Acq: 20 Nov 2020 00:14

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	692784		
77	24.6	19.2	28.8	





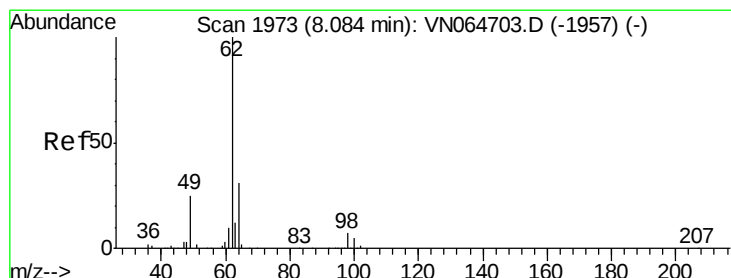
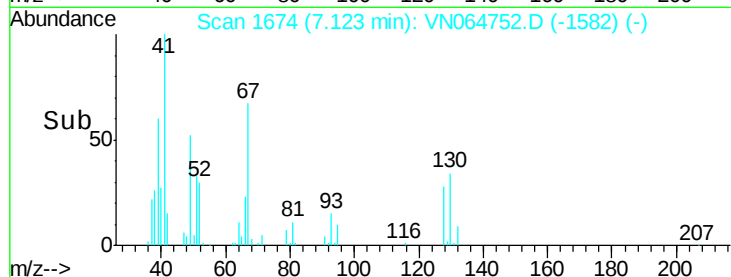
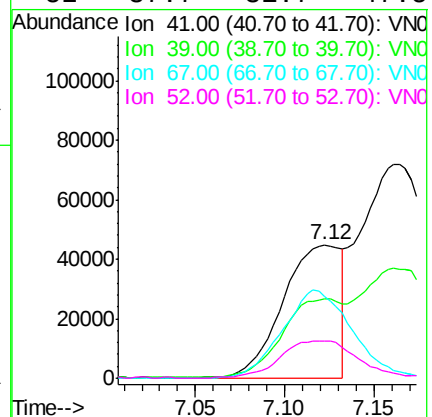
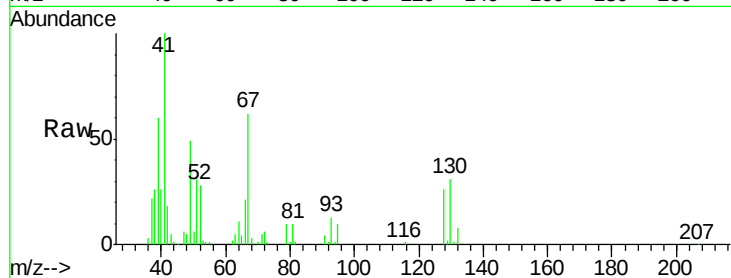
#41
Methacrylonitrile
Concen: 54.505 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VN064752.D
Acq: 20 Nov 2020 00:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	41	Resp	101731
Ion	Ratio	Lower	Upper
41	100		
39	58.7	46.0	69.0
67	79.5	67.0	100.4
52	37.7	31.7	47.5

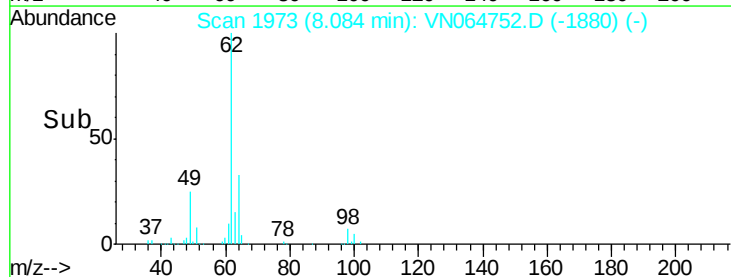
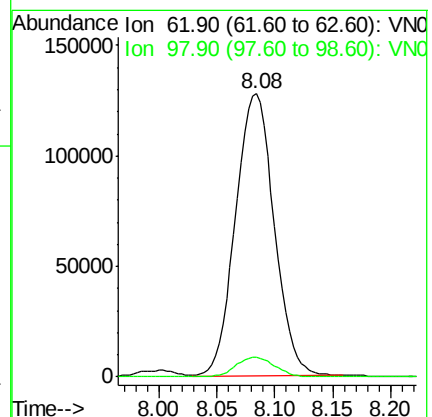
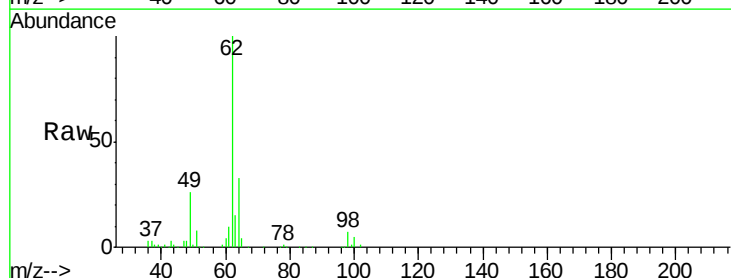
Manual Integrations
APPROVED

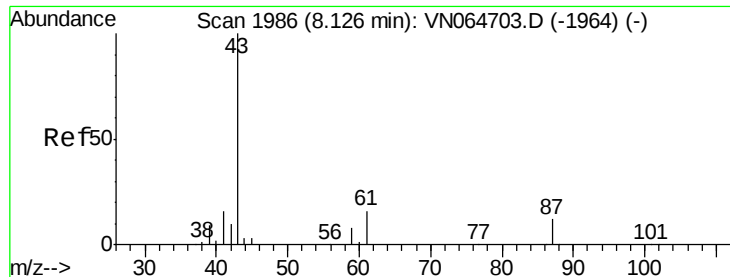
MMDadoda
11/24/2020 3:11:32 PM



#42
1,2-Dichloroethane
Concen: 50.886 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064752.D
Acq: 20 Nov 2020 00:14

Tgt Ion	62	Resp	296670
Ion	Ratio	Lower	Upper
62	100		
98	6.9	0.0	13.6





#43

Isopropyl Acetate

Concen: 48.014 ug/l

RT: 8.12 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN064752.D

Acq: 20 Nov 2020 00:14

Instrument :

MSVOA_N

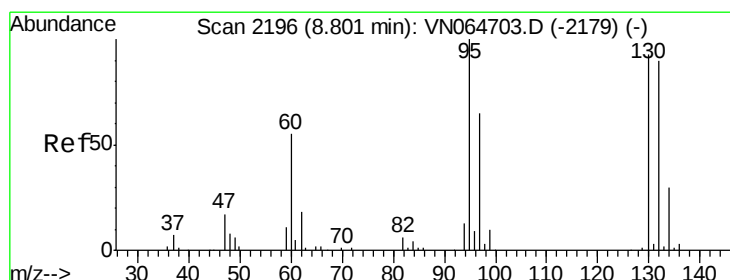
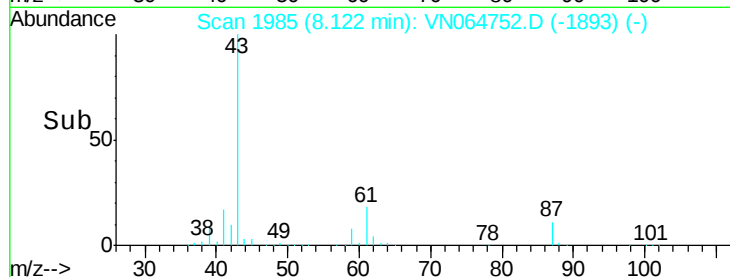
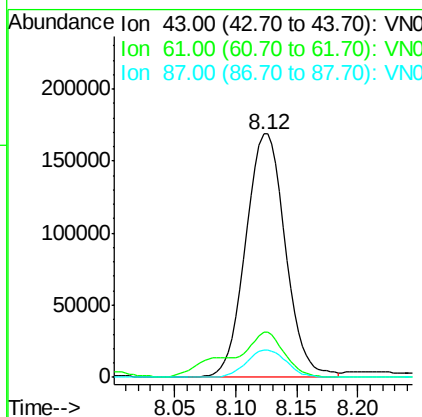
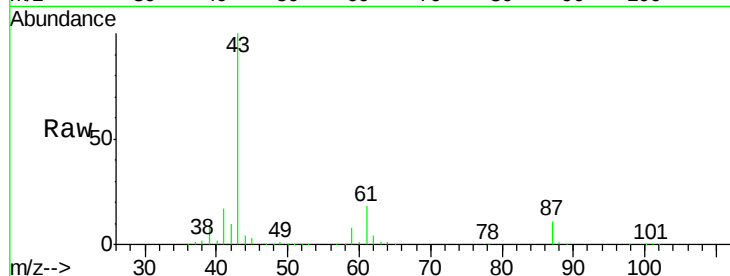
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	378972
Ion	Ratio	Lower	Upper
43	100		
61	16.8	14.1	21.1
87	11.5	9.1	13.7

Manual Integrations
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#44

Trichloroethene

Concen: 49.128 ug/l

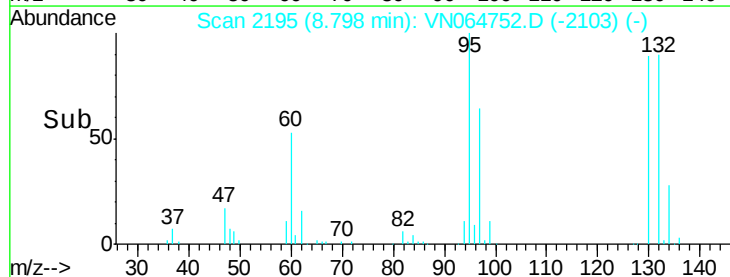
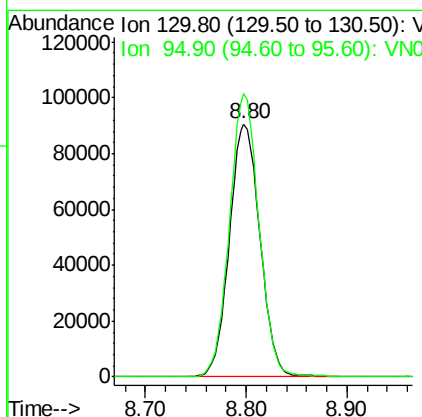
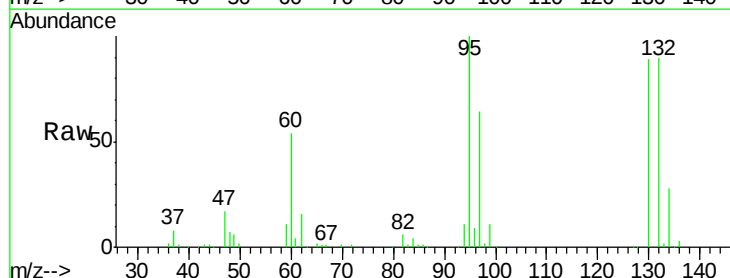
RT: 8.80 min Scan# 2195

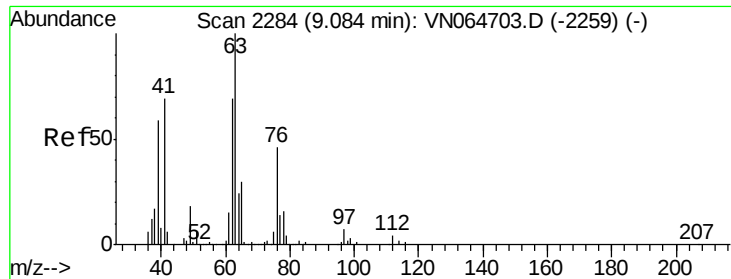
Delta R.T. -0.00 min

Lab File: VN064752.D

Acq: 20 Nov 2020 00:14

Tgt Ion:	130	Resp:	191050
Ion	Ratio	Lower	Upper
130	100		
95	111.9	0.0	214.2





#45

1,2-Dichloropropane

Concen: 51.261 ug/l

RT: 9.08 min Scan# 2283

Delta R.T. -0.00 min

Lab File: VN064752.D

Acq: 20 Nov 2020 00:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 185150

Ion Ratio Lower Upper

63 100

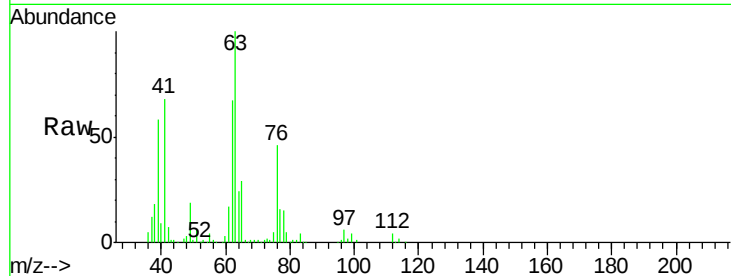
65 28.9 24.0 36.0

Manual Integrations

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Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO

9.08

100000

80000

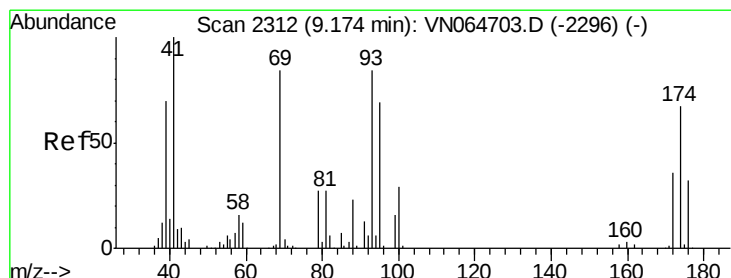
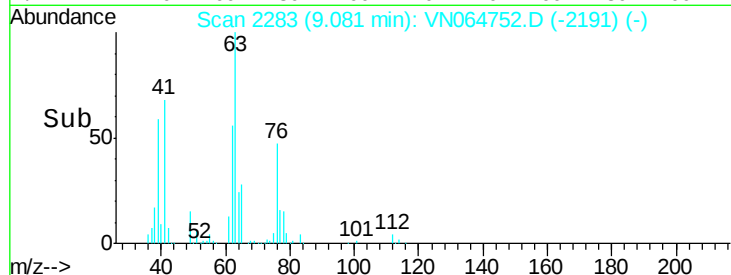
60000

40000

20000

0

Time-->



#46

Dibromomethane

Concen: 51.296 ug/l

RT: 9.17 min Scan# 2311

Delta R.T. -0.00 min

Lab File: VN064752.D

Acq: 20 Nov 2020 00:14

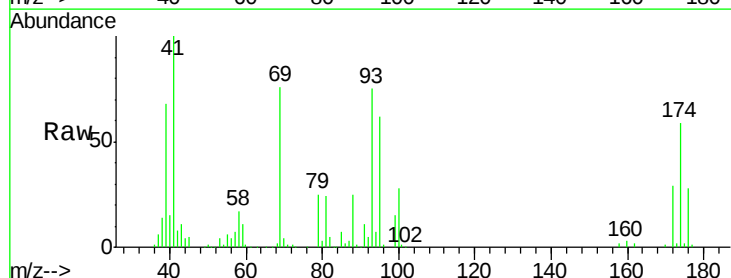
Tgt Ion: 93 Resp: 131334

Ion Ratio Lower Upper

93 100

95 83.2 64.6 97.0

174 80.4 64.3 96.5



Abundance Ion 92.80 (92.50 to 93.50): VNO

Ion 94.80 (94.50 to 95.50): VNO

Ion 173.70 (173.40 to 174.40): VNO

9.17

80000

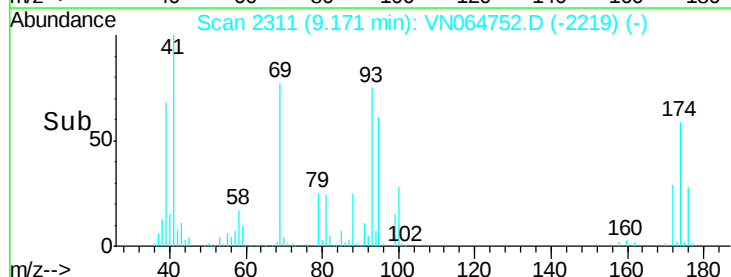
60000

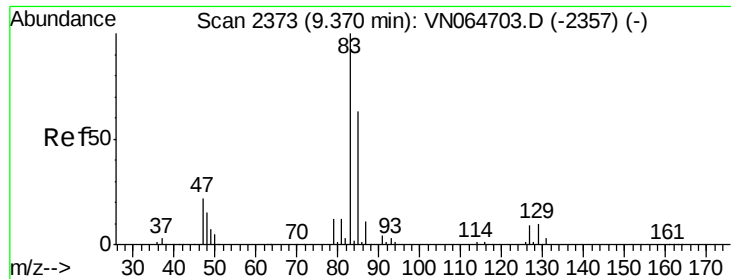
40000

20000

0

Time-->





#47

Bromodichloromethane

Concen: 54.055 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064752.D

Acq: 20 Nov 2020 00:14

Instrument :

MSVOA_N

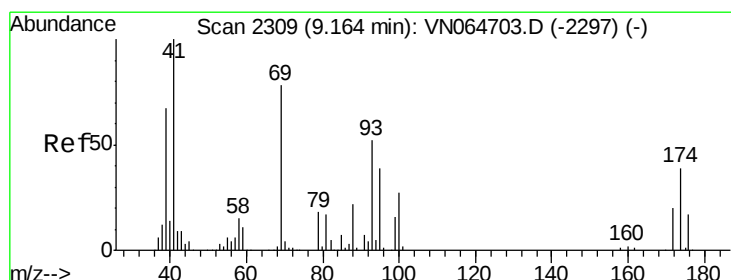
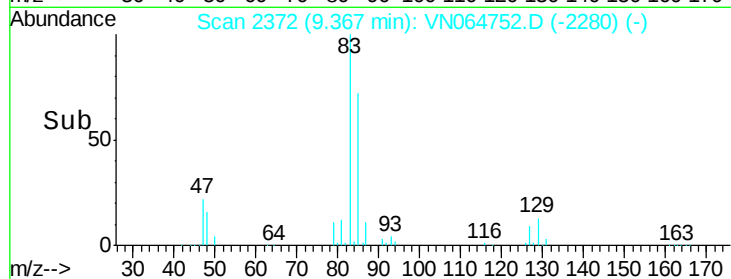
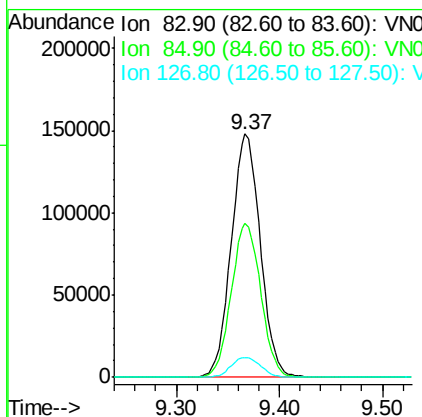
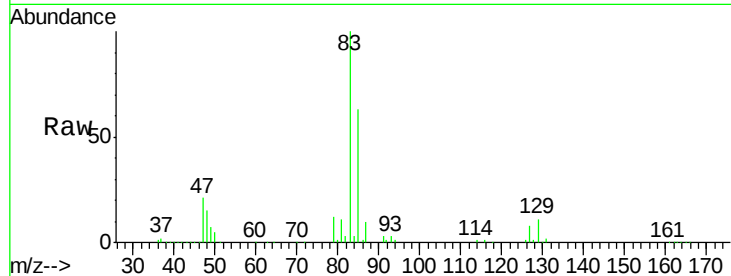
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	290949
Ion Ratio	Lower	Upper	
83	100		
85	63.4	50.8	76.2
127	8.3	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 49.430 ug/l

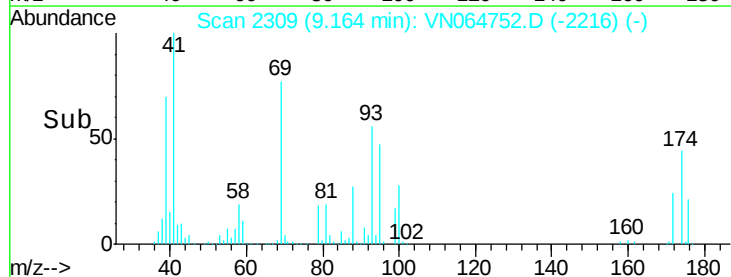
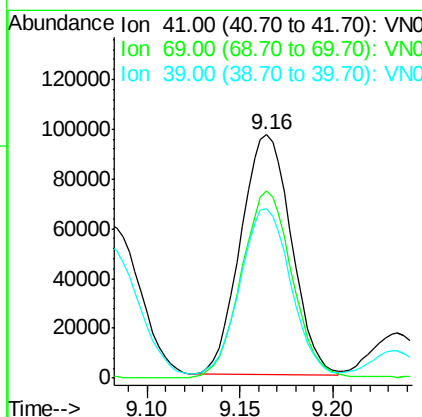
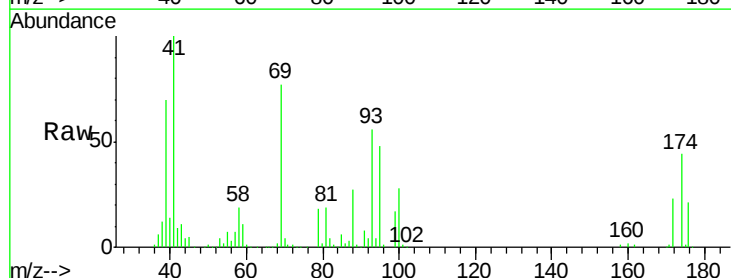
RT: 9.16 min Scan# 2309

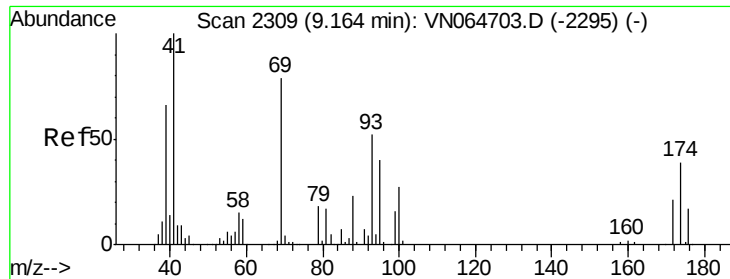
Delta R.T. -0.00 min

Lab File: VN064752.D

Acq: 20 Nov 2020 00:14

Tgt Ion:	41	Resp:	184087
Ion Ratio	Lower	Upper	
41	100		
69	78.4	62.3	93.5
39	71.4	55.1	82.7





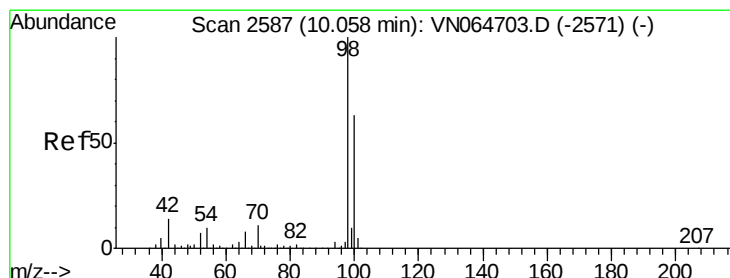
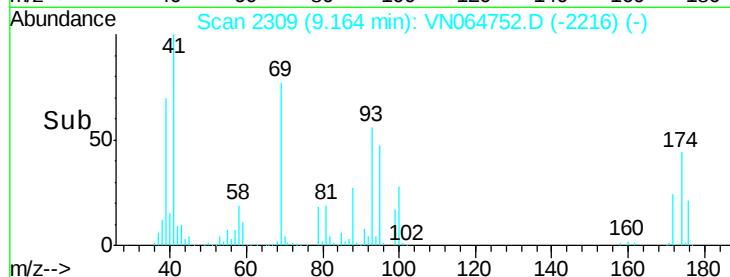
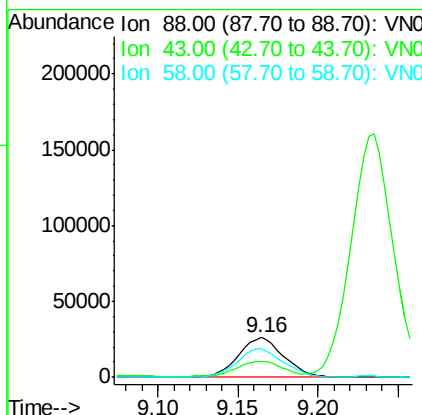
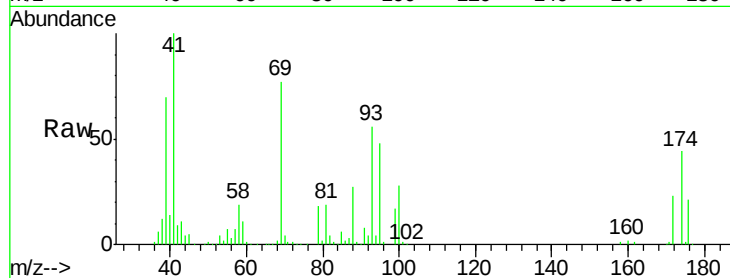
#49
 1,4-Dioxane
 Concen: 1090.679 ug/l
 RT: 9.16 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN064752.D
 Acq: 20 Nov 2020 00:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	40.0	31.3	46.9
58	72.9	55.7	83.5

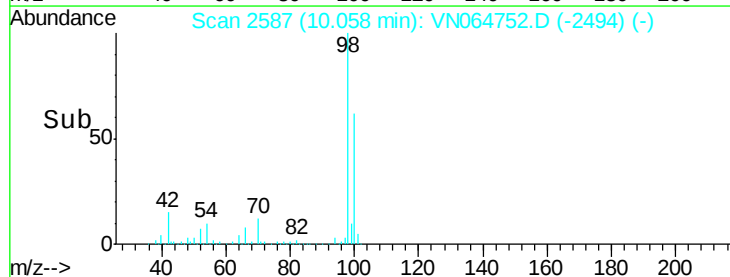
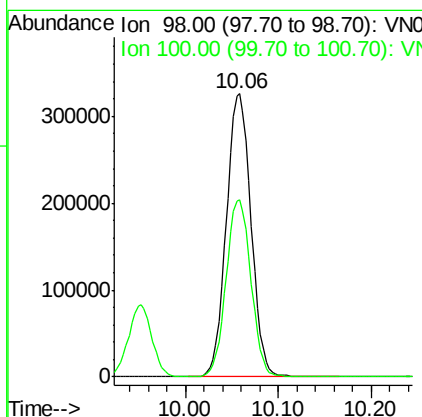
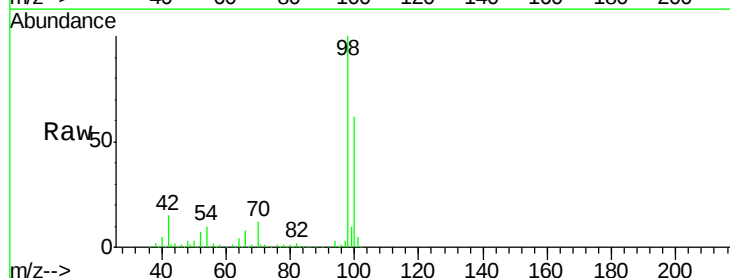
Manual Integrations
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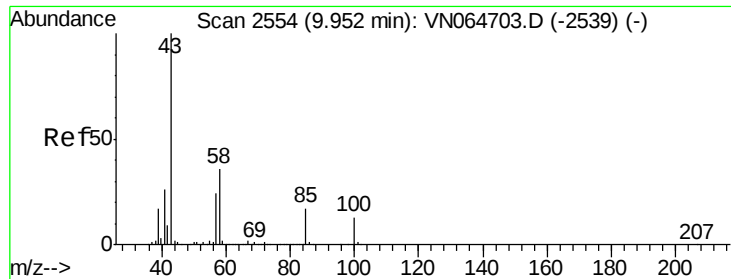
MMDadoda
 11/24/2020 3:11:32 PM



#50
 Toluene-d8
 Concen: 49.206 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN064752.D
 Acq: 20 Nov 2020 00:14

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.7	50.4	75.6





#51

4-Methyl-2-Pentanone

Concen: 236.734 ug/l

RT: 9.95 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN064752.D

Acq: 20 Nov 2020 00:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1126366

Ion Ratio Lower Upper

43 100

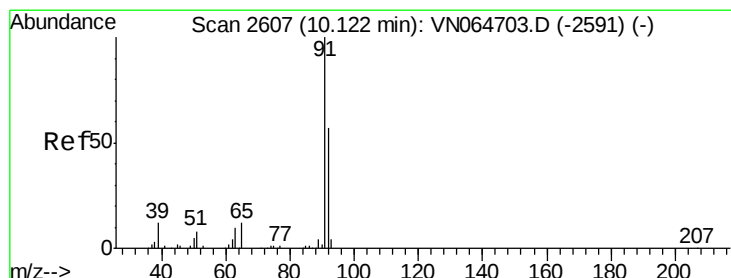
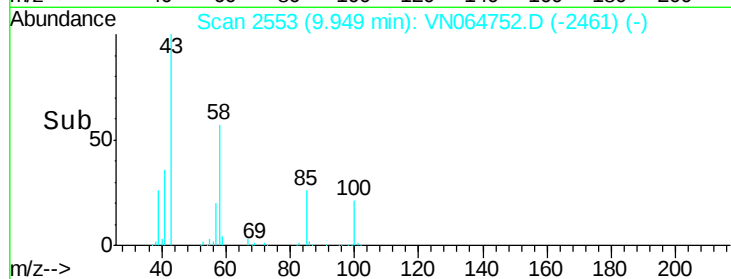
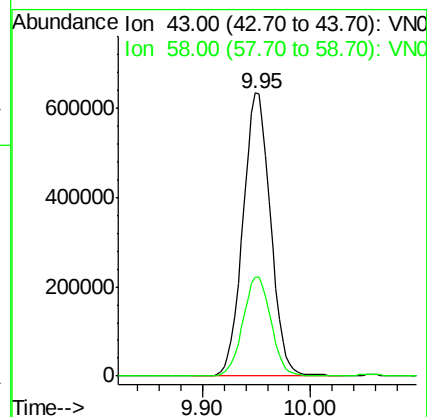
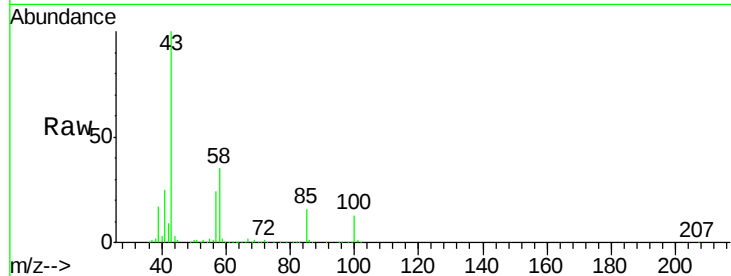
58 35.8 28.5 42.7

Manual Integrations

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#52

Toluene

Concen: 52.831 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064752.D

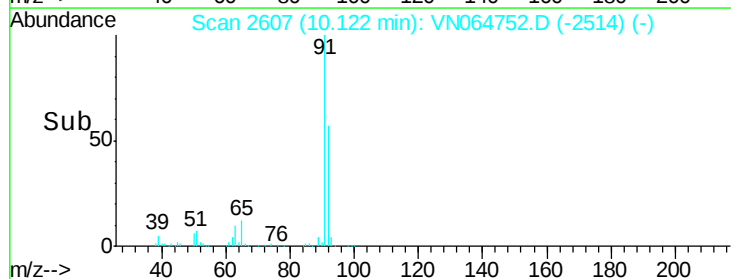
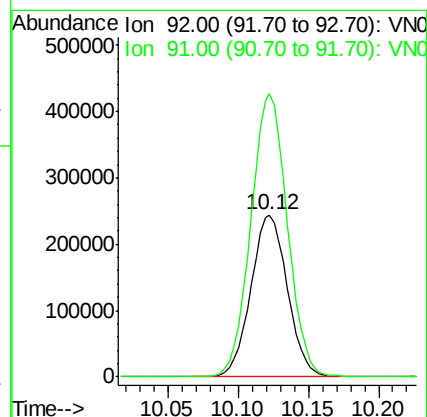
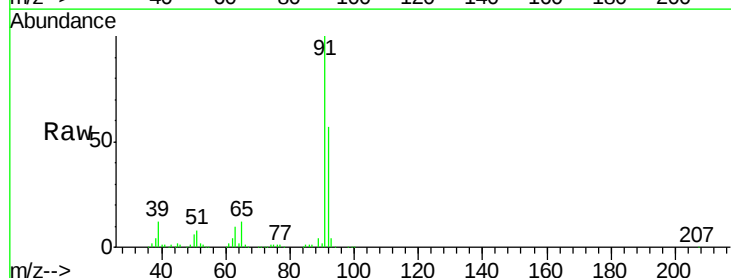
Acq: 20 Nov 2020 00:14

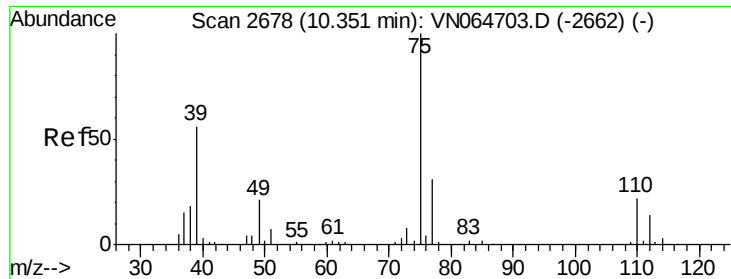
Tgt Ion: 92 Resp: 440908

Ion Ratio Lower Upper

92 100

91 175.5 141.2 211.8





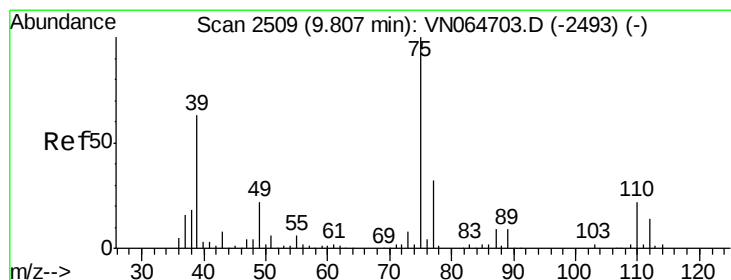
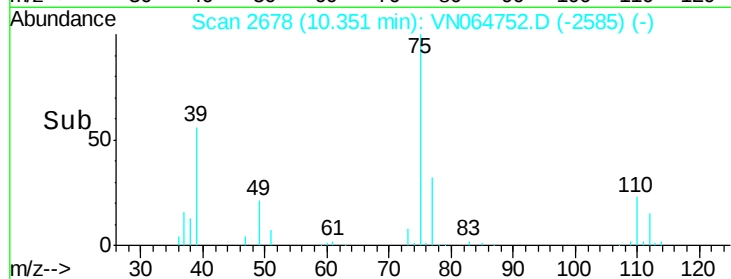
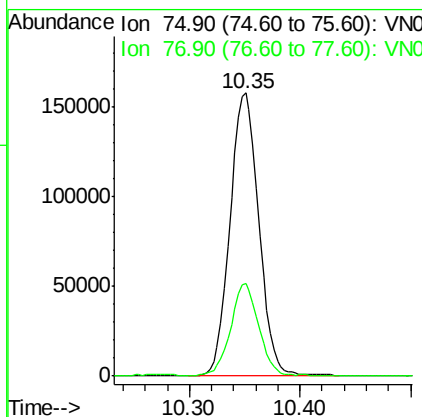
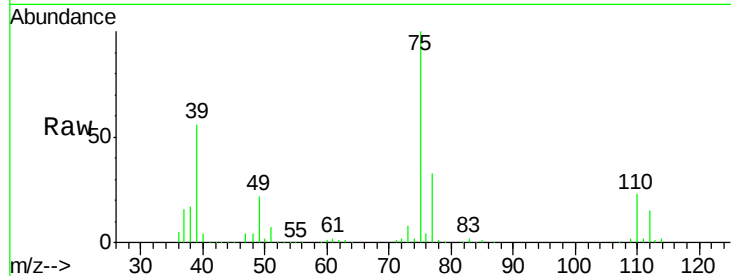
#53
 t-1,3-Dichloropropene
 Concen: 49.797 ug/l
 RT: 10.35 min Scan# 2678
 Delta R.T. -0.00 min
 Lab File: VN064752.D
 Acq: 20 Nov 2020 00:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 286855
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.4 38.0

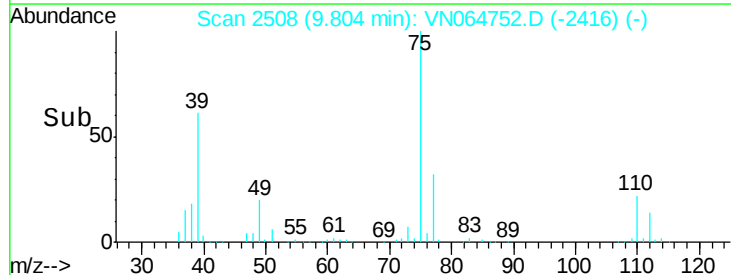
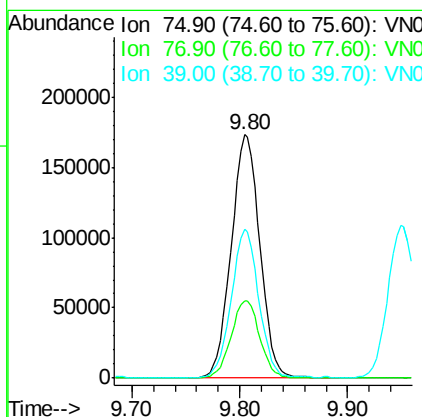
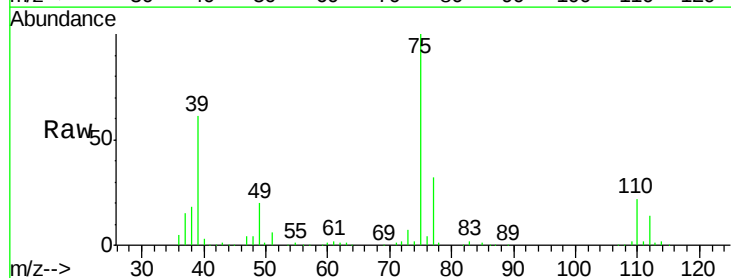
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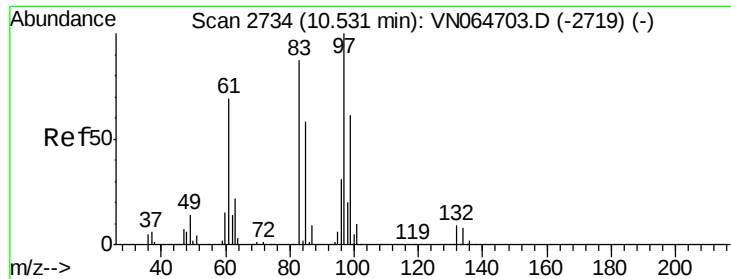
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#54
 cis-1,3-Dichloropropene
 Concen: 54.157 ug/l
 RT: 9.80 min Scan# 2508
 Delta R.T. -0.00 min
 Lab File: VN064752.D
 Acq: 20 Nov 2020 00:14

Tgt Ion: 75 Resp: 321236
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.8 38.8
 39 61.1 50.5 75.7





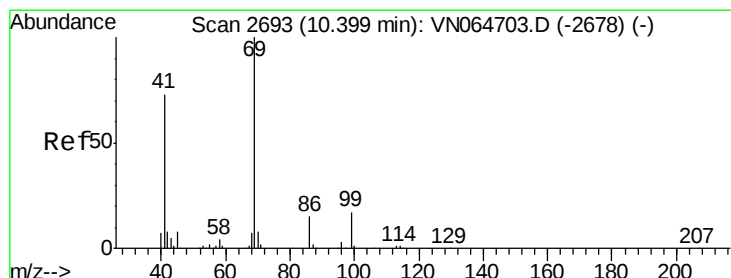
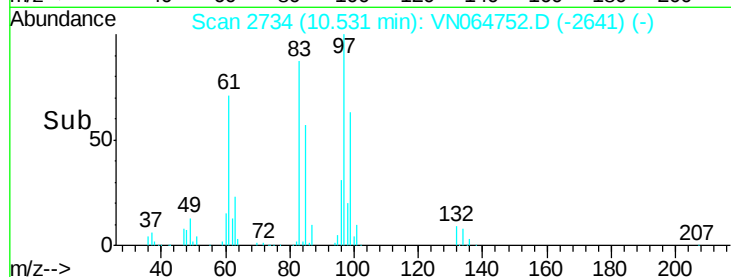
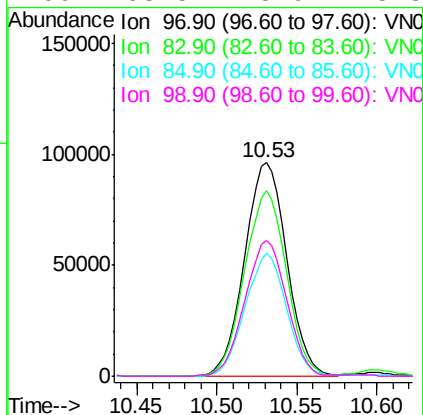
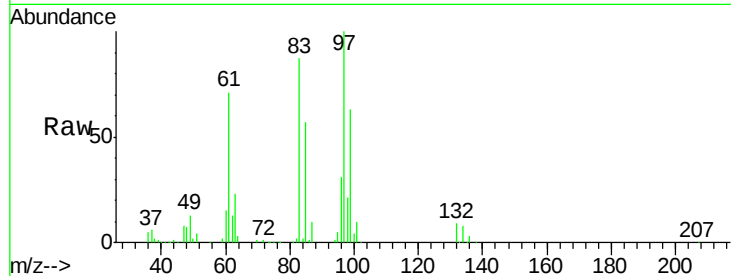
#55
 1,1,2-Trichloroethane
 Concen: 51.972 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064752.D
 Acq: 20 Nov 2020 00:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	173967
Ion	Ratio	Lower	Upper
97	100		
83	86.7	69.6	104.4
85	57.4	46.6	70.0
99	63.5	48.9	73.3

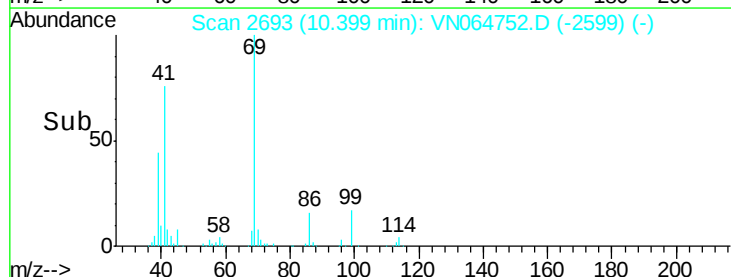
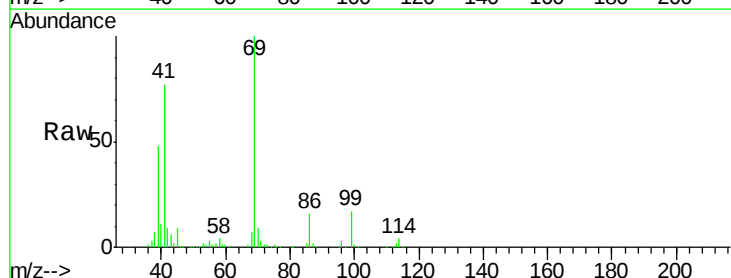
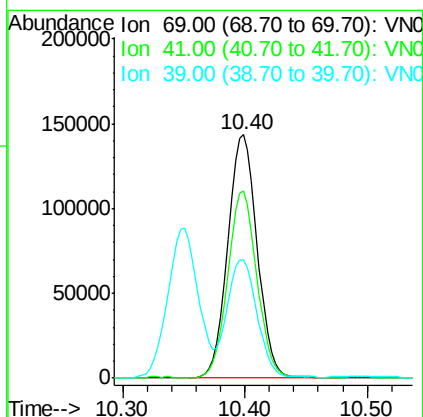
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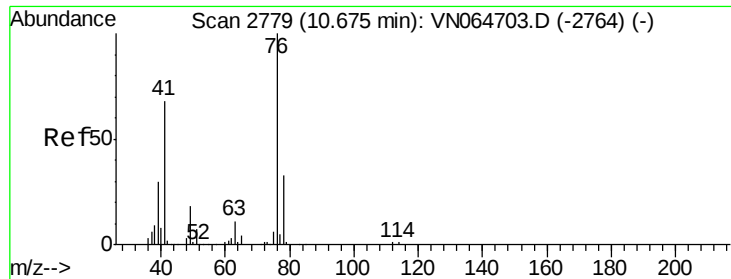
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 44.388 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064752.D
 Acq: 20 Nov 2020 00:14

Tgt Ion:	69	Resp:	242151
Ion	Ratio	Lower	Upper
69	100		
41	75.2	59.0	88.4
39	50.0	38.4	57.6





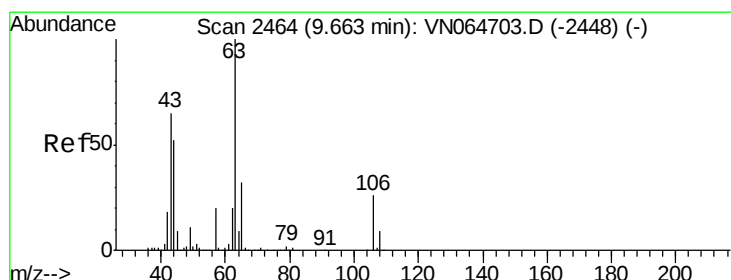
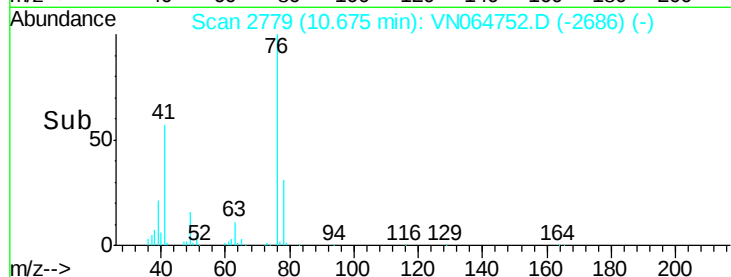
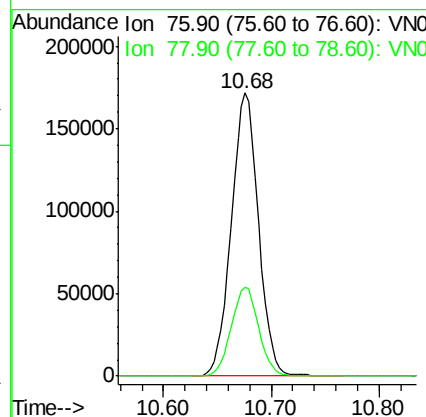
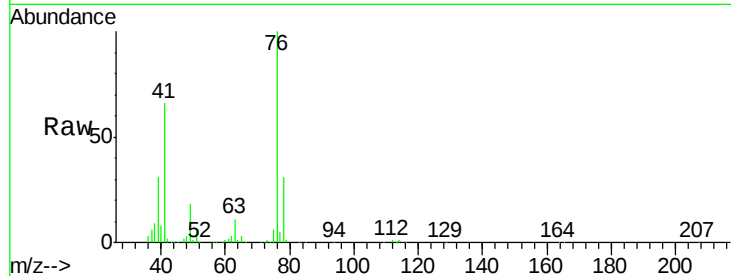
#57
 1,3-Dichloropropane
 Concen: 51.971 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN064752.D
 Acq: 20 Nov 2020 00:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 301351
 Ion Ratio Lower Upper
 76 100
 78 31.8 26.4 39.6

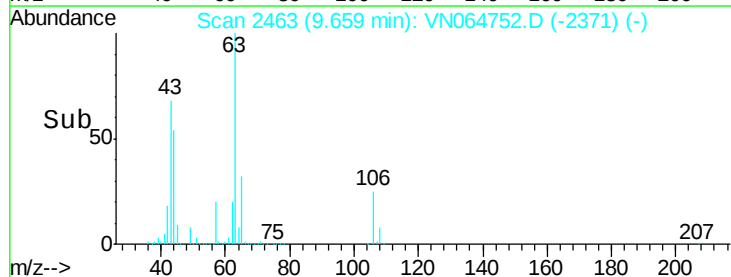
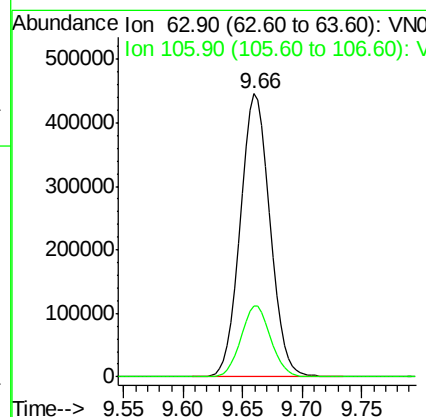
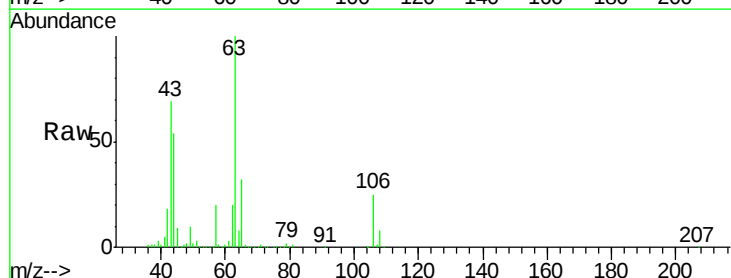
Manual Integrations
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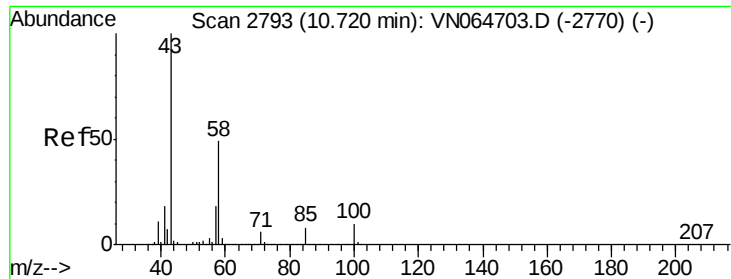
MMDadoda
 11/24/2020 3:11:32 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 256.577 ug/l
 RT: 9.66 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: VN064752.D
 Acq: 20 Nov 2020 00:14

Tgt Ion: 63 Resp: 771965
 Ion Ratio Lower Upper
 63 100
 106 25.3 20.9 31.3





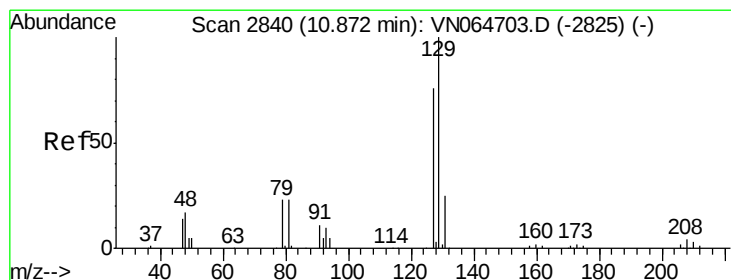
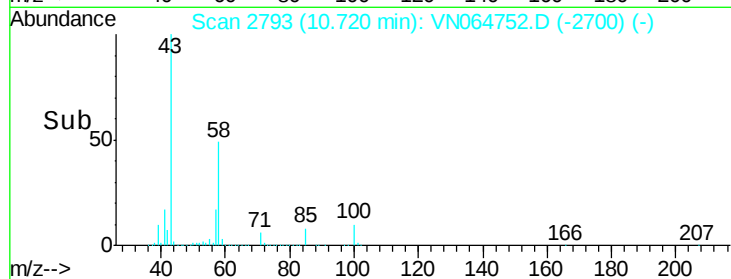
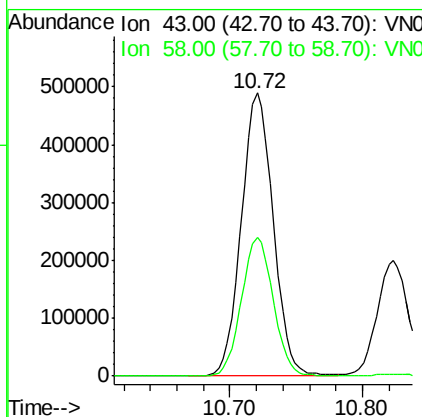
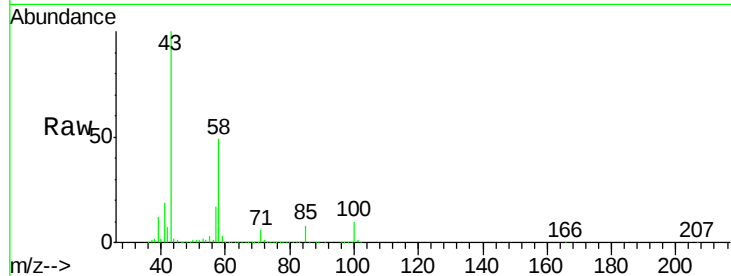
#59
2-Hexanone
Concen: 233.864 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN064752.D
Acq: 20 Nov 2020 00:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	816591
Ion Ratio	43	100	
Lower	58	49.0	24.4
Upper			73.4

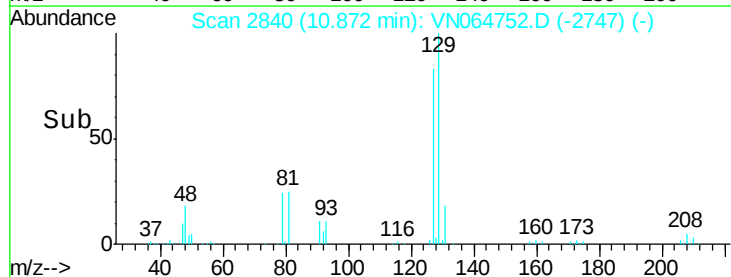
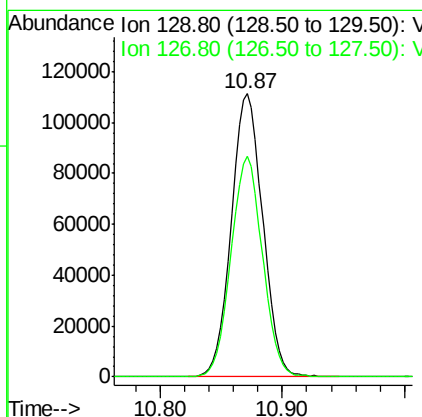
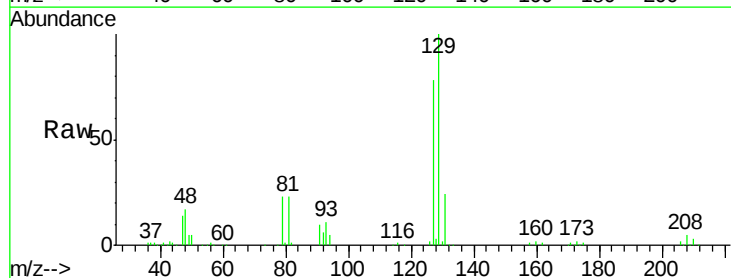
Manual Integrations
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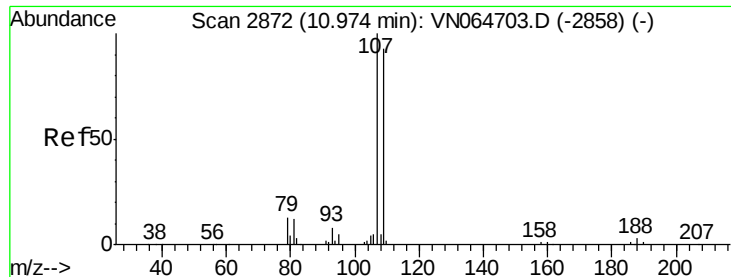
MMDadoda
11/24/2020 3:11:32 PM



#60
Dibromochloromethane
Concen: 51.694 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064752.D
Acq: 20 Nov 2020 00:14

Tgt Ion	129	Resp	199918
Ion Ratio	129	100	
Lower	127	77.8	38.8
Upper			116.4





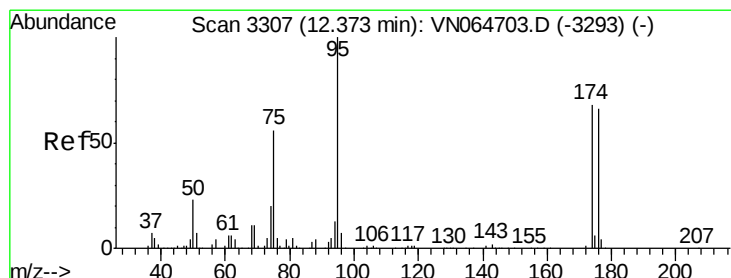
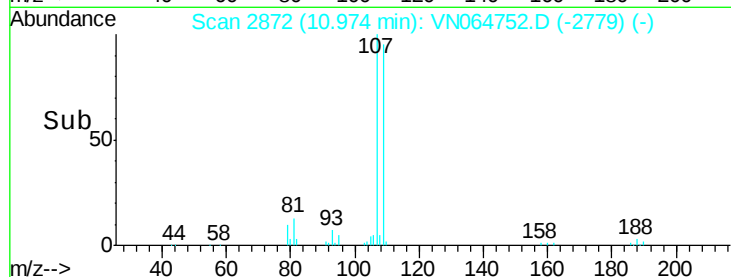
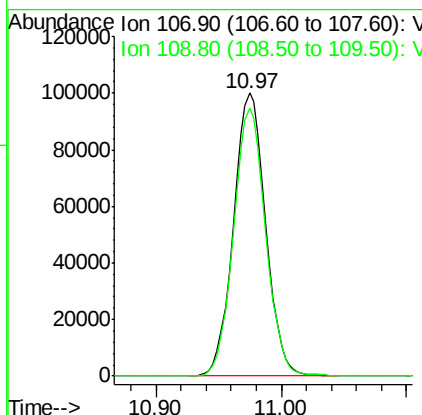
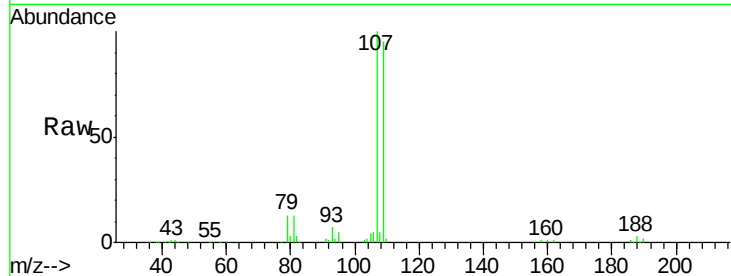
#61
 1,2-Dibromoethane
 Concen: 49.747 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN064752.D
 Acq: 20 Nov 2020 00:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.6	74.2	111.4

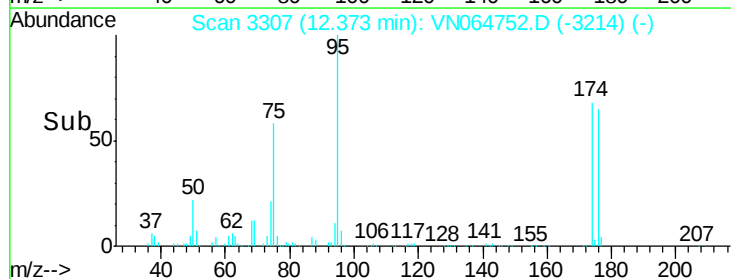
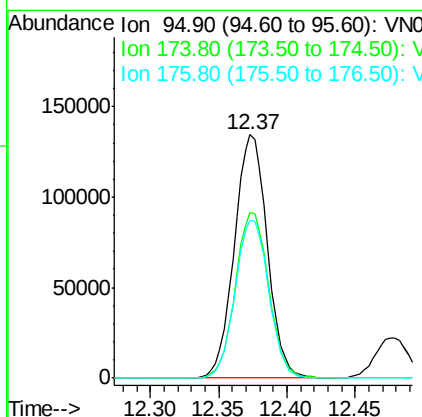
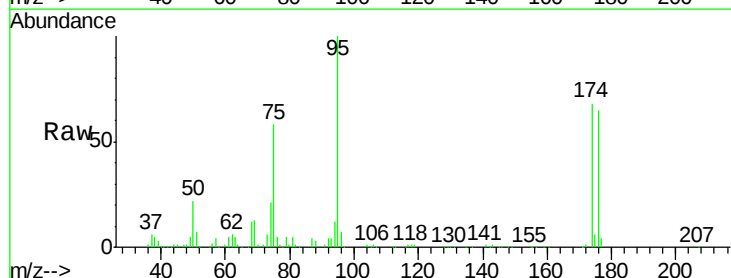
Manual Integrations
 APPROVED

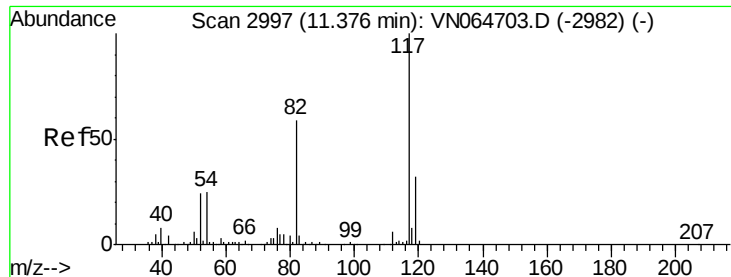
MMDadoda
 11/24/2020 3:11:32 PM



#62
 4-Bromofluorobenzene
 Concen: 49.225 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN064752.D
 Acq: 20 Nov 2020 00:14

Tgt Ion	Ratio	Lower	Upper
95	100		
174	69.2	0.0	136.8
176	66.2	0.0	134.2





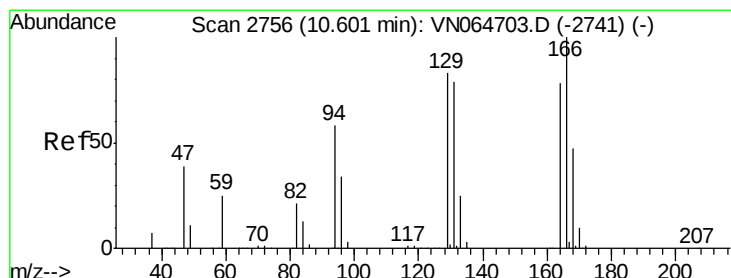
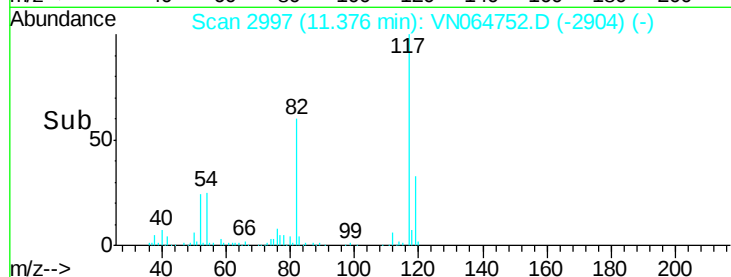
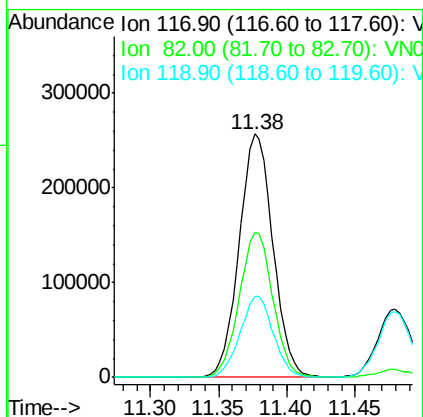
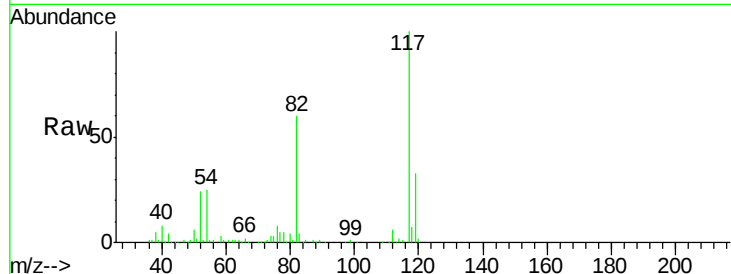
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN064752.D
Acq: 20 Nov 2020 00:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.7	47.0	70.6
119	33.2	25.4	38.2

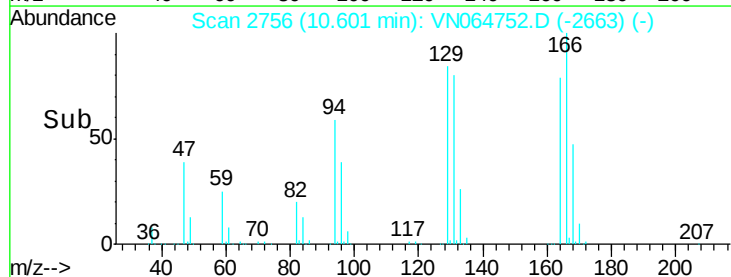
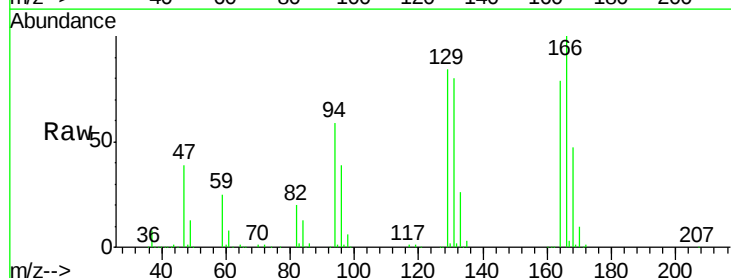
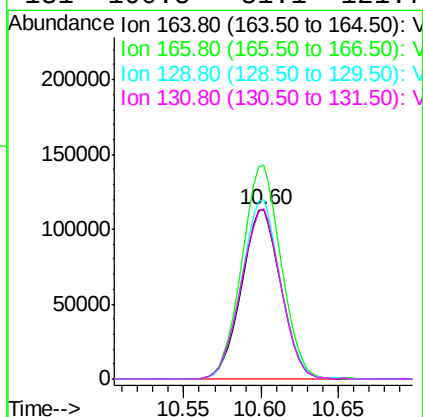
Manual Integrations
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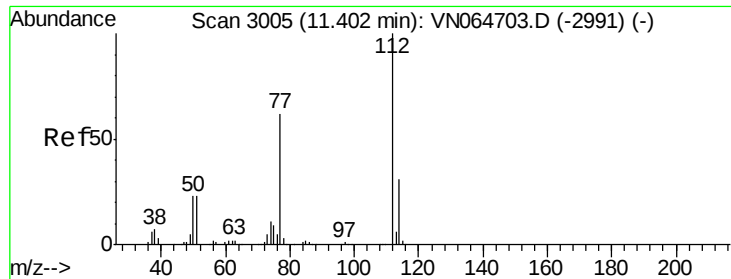
MMDadoda
11/24/2020 3:11:32 PM



#64
Tetrachloroethene
Concen: 51.131 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064752.D
Acq: 20 Nov 2020 00:14

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.9	102.2	153.4
129	105.9	84.7	127.1
131	100.5	81.1	121.7





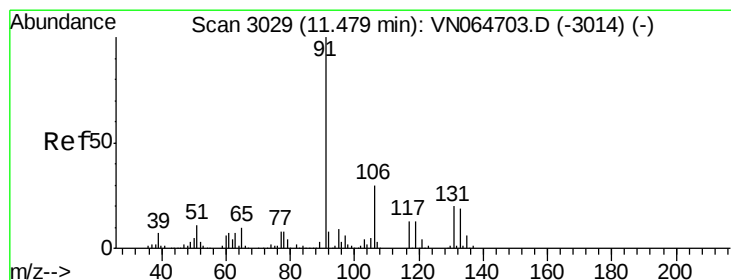
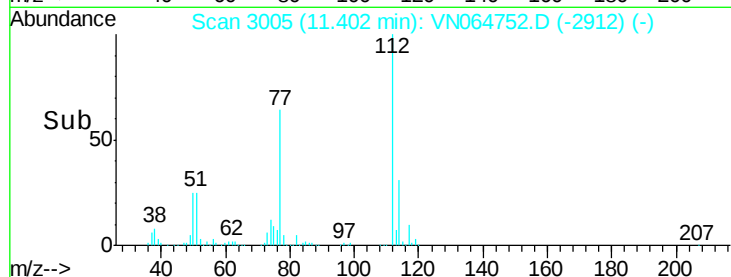
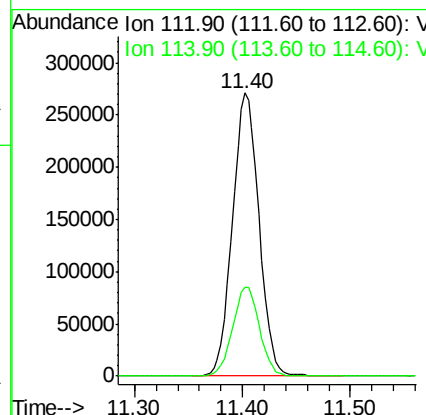
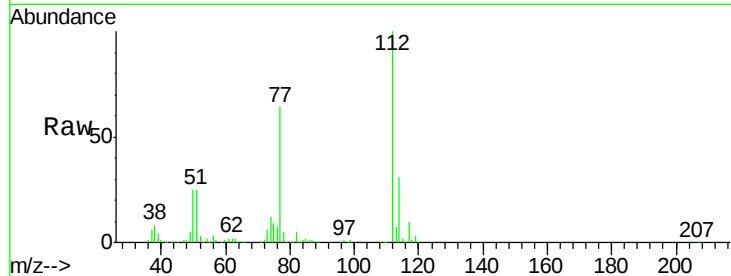
#65
Chlorobenzene
Concen: 49.487 ug/l
RT: 11.40 min Scan# 3005
Delta R.T. -0.00 min
Lab File: VN064752.D
Acq: 20 Nov 2020 00:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 464761
Ion Ratio Lower Upper
112 100
114 31.4 24.7 37.1

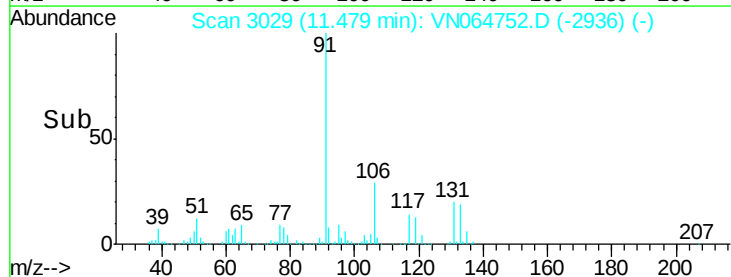
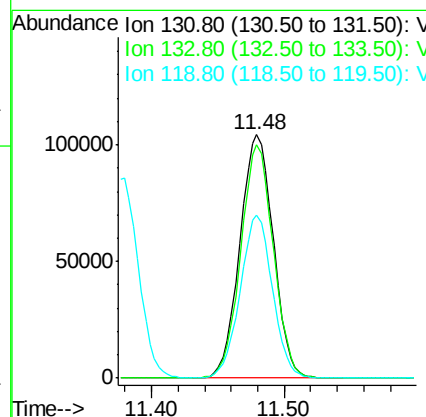
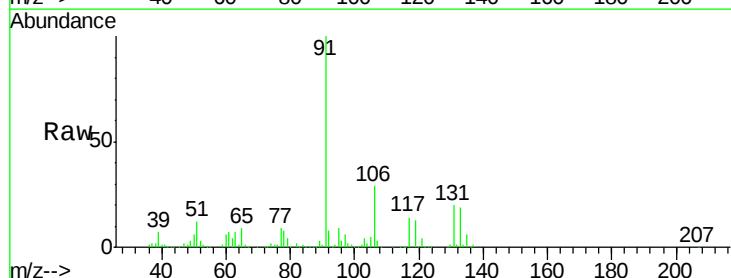
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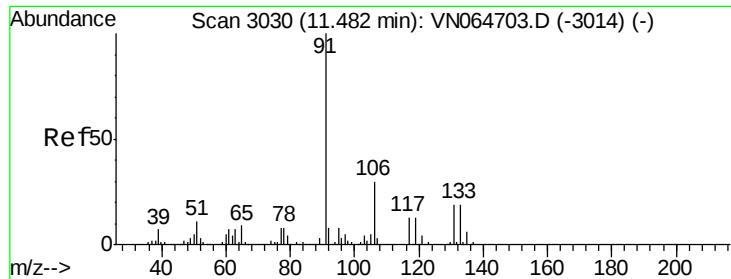
MMDadoda
11/24/2020 3:11:32 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 52.082 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064752.D
Acq: 20 Nov 2020 00:14

Tgt Ion:131 Resp: 182765
Ion Ratio Lower Upper
131 100
133 93.6 48.8 146.4
119 64.7 33.5 100.4





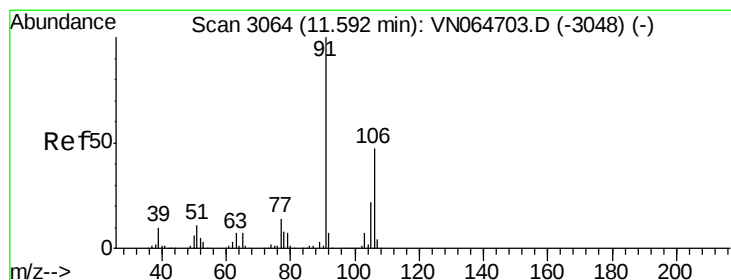
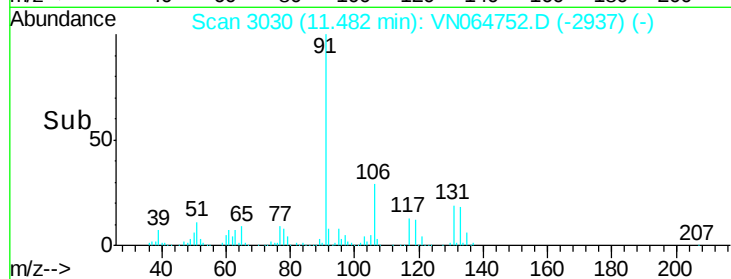
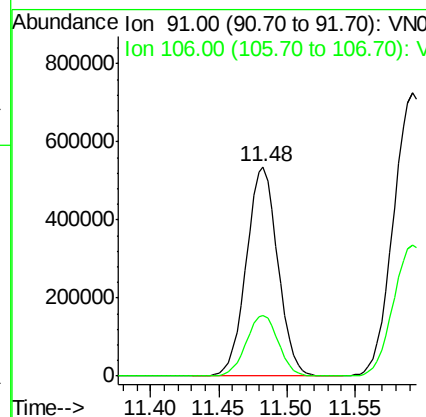
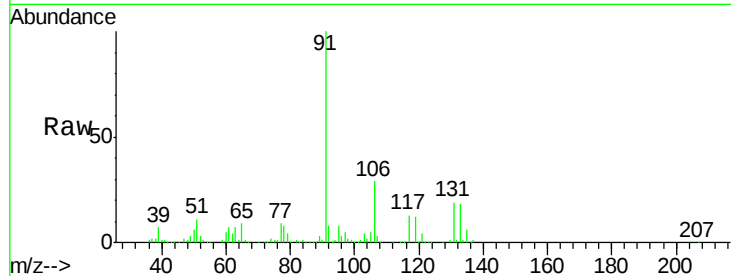
#67
Ethyl Benzene
Concen: 51.934 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064752.D
Acq: 20 Nov 2020 00:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
106	29.2	23.9	35.9

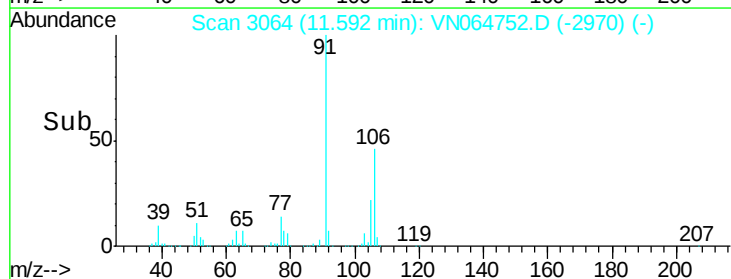
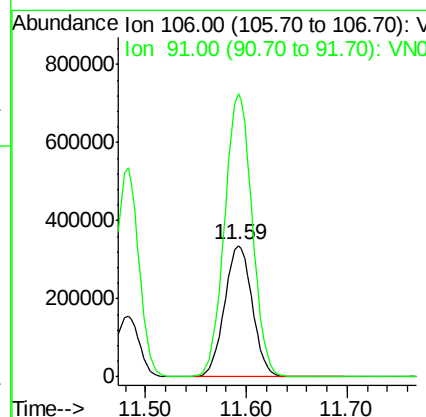
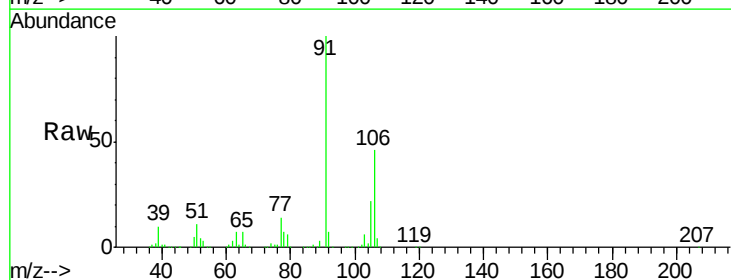
Manual Integrations
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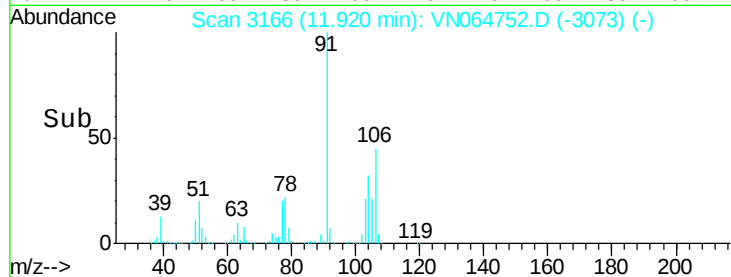
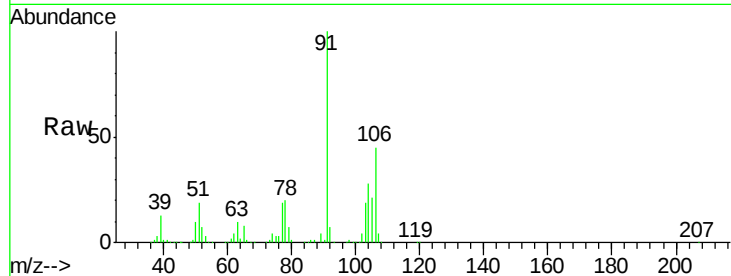
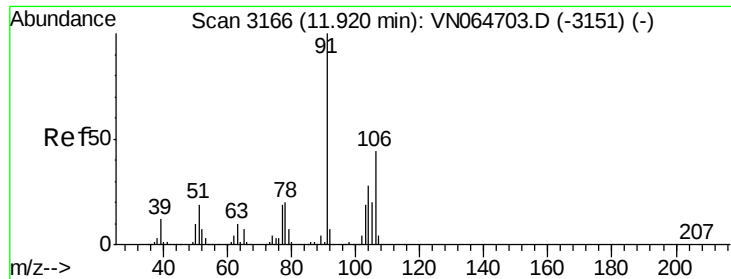
MMDadoda
11/24/2020 3:11:32 PM



#68
m/p-Xylenes
Concen: 96.239 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. 0.00 min
Lab File: VN064752.D
Acq: 20 Nov 2020 00:14

Tgt Ion	Ratio	Lower	Upper
106	100		
91	214.8	171.9	257.9





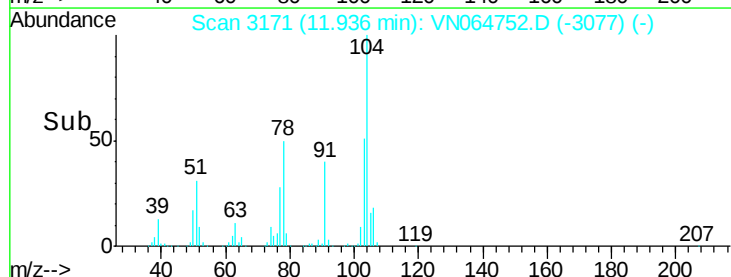
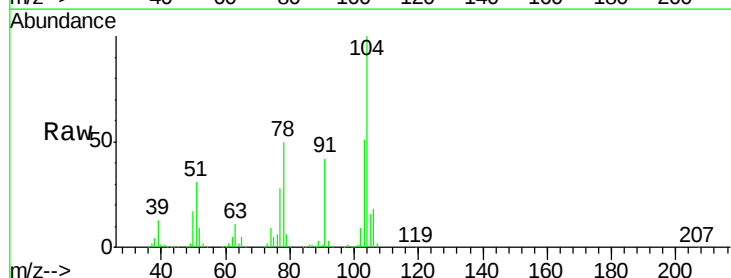
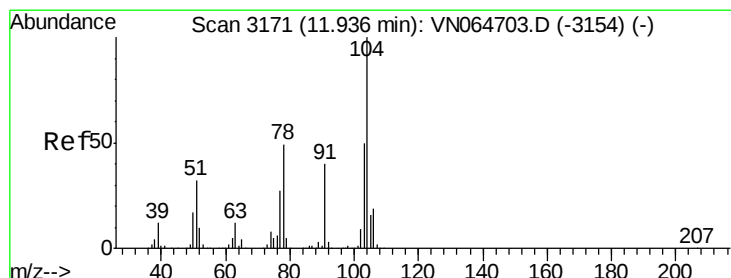
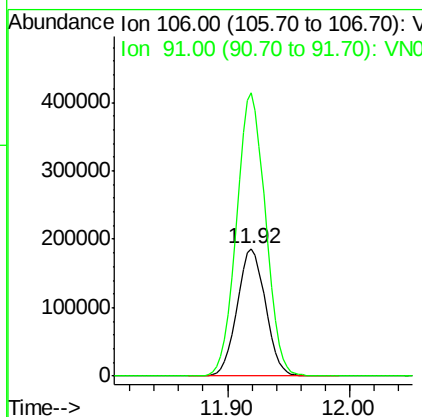
#69
o-Xylene
Concen: 51.805 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064752.D
Acq: 20 Nov 2020 00:14

Tot Ion:106 Resp: 299279
Ion Ratio Lower Upper
106 100
91 226.9 112.1 336.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

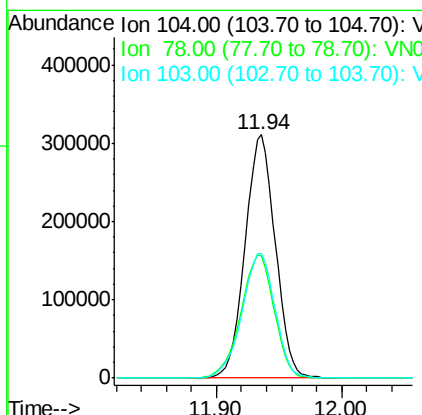
Manual Integrations
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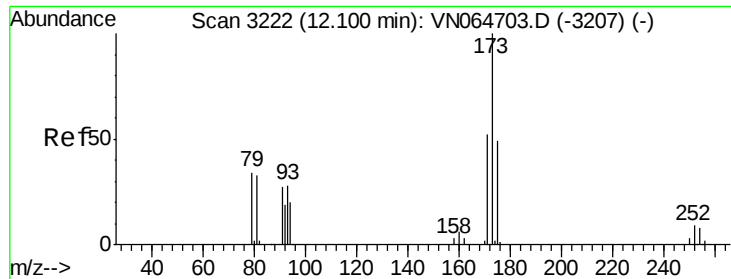
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#70
Styrene
Concen: 46.370 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064752.D
Acq: 20 Nov 2020 00:14

Tgt Ion:104 Resp: 520272
Ion Ratio Lower Upper
104 100
78 55.7 44.1 66.1
103 56.1 43.7 65.5





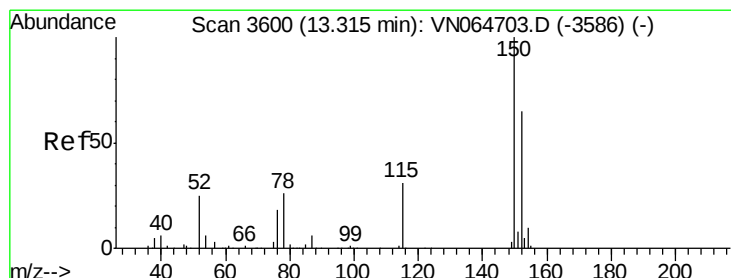
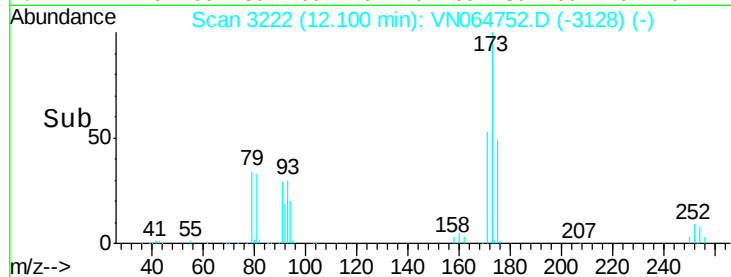
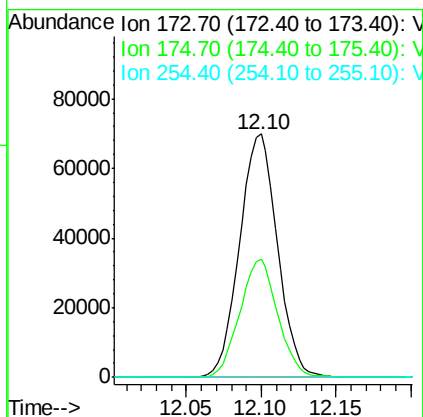
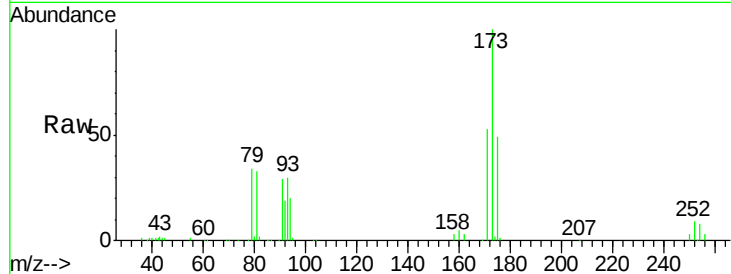
#71
Bromoform
Concen: 45.394 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN064752.D
Acq: 20 Nov 2020 00:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.3	72.9
254	0.0	0.1	0.1#

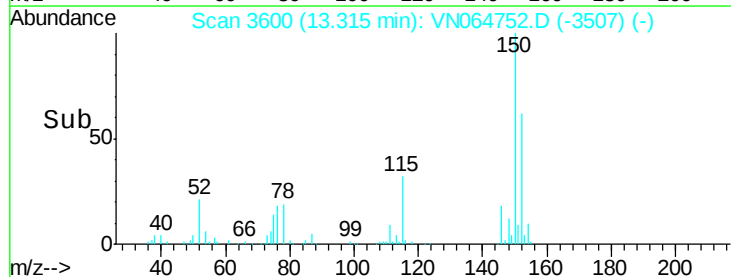
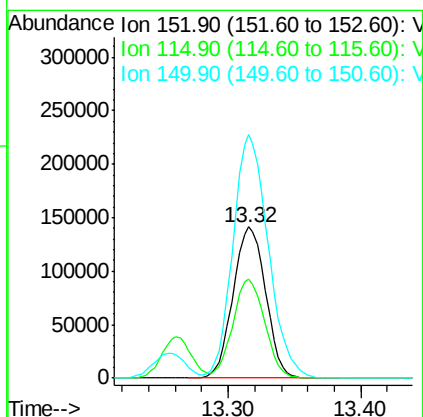
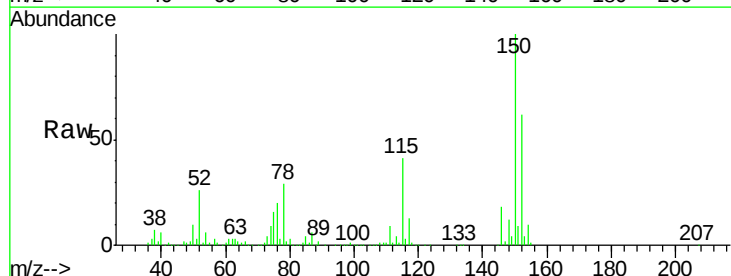
Manual Integrations
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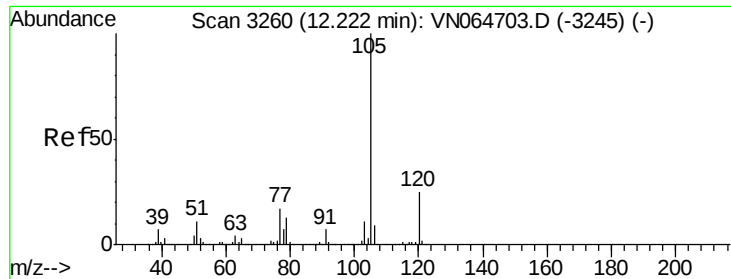
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064752.D
Acq: 20 Nov 2020 00:14

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.9	32.1	96.3
150	174.1	0.0	344.8





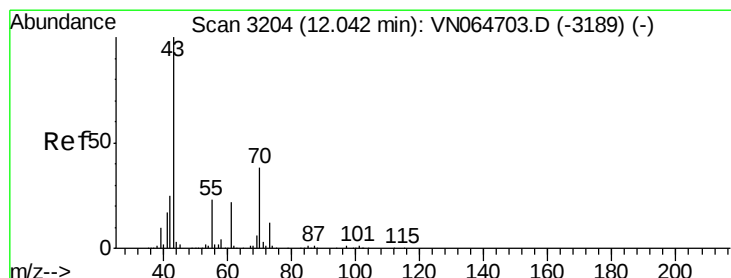
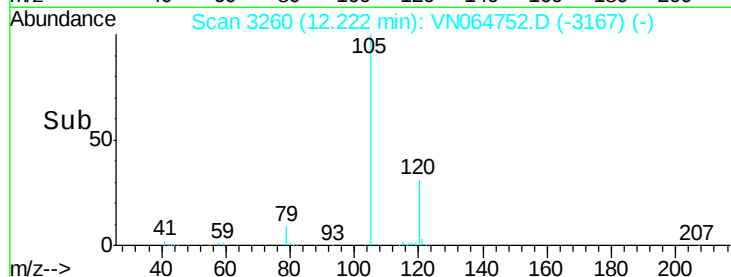
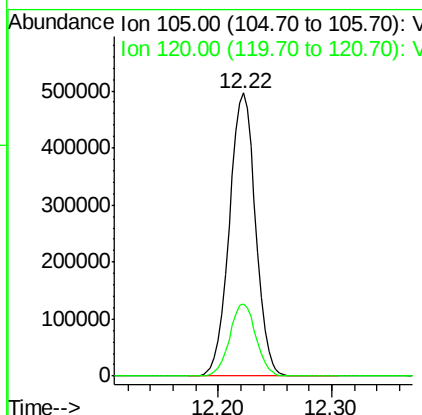
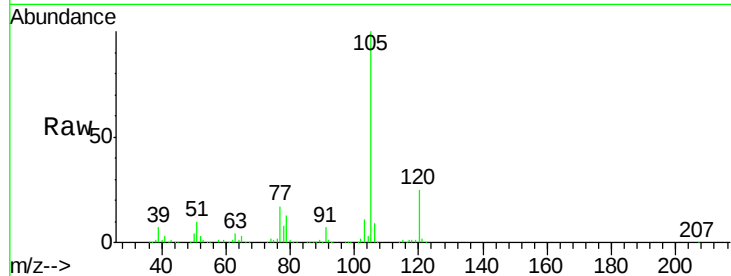
#73
Isopropylbenzene
Concen: 46.556 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. -0.00 min
Lab File: VN064752.D
Acq: 20 Nov 2020 00:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.6	12.8	38.3

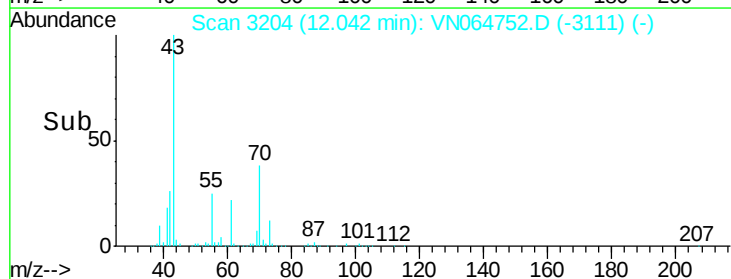
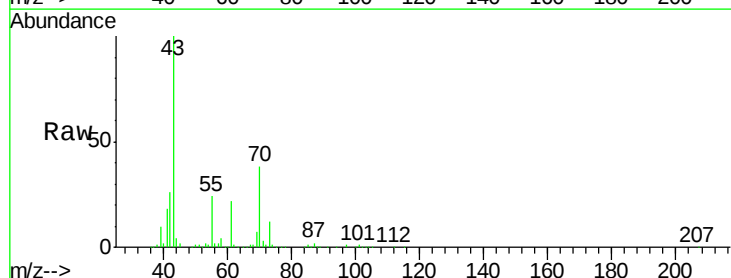
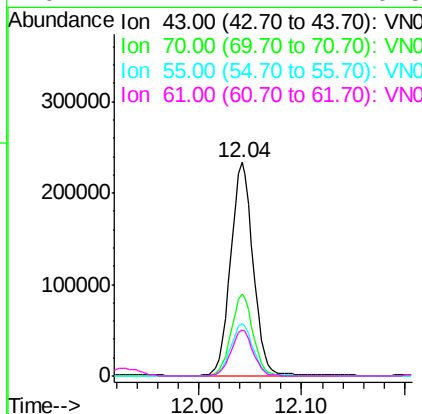
Manual Integrations
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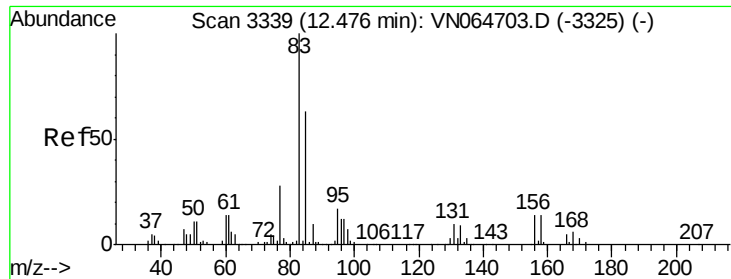
MMDadoda
11/24/2020 3:11:32 PM



#74
N-ethyl acetate
Concen: 44.291 ug/l
RT: 12.04 min Scan# 3204
Delta R.T. 0.00 min
Lab File: VN064752.D
Acq: 20 Nov 2020 00:14

Tgt Ion	Ratio	Lower	Upper
43	100		
70	37.4	30.3	45.5
55	24.6	18.9	28.3
61	21.4	17.7	26.5





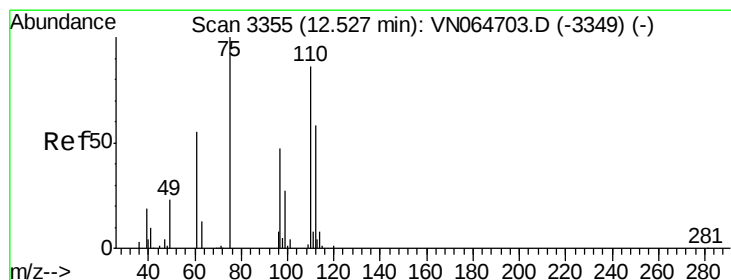
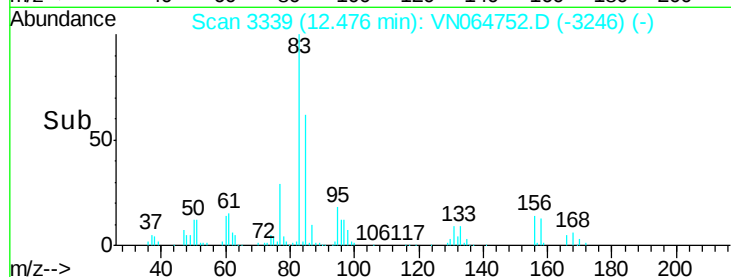
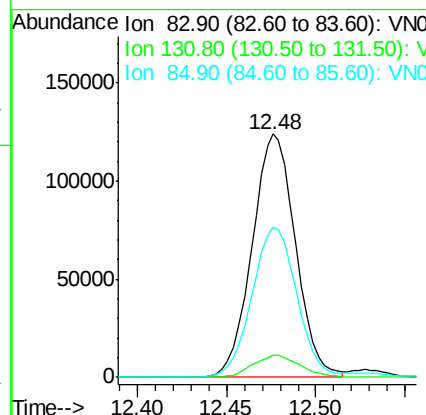
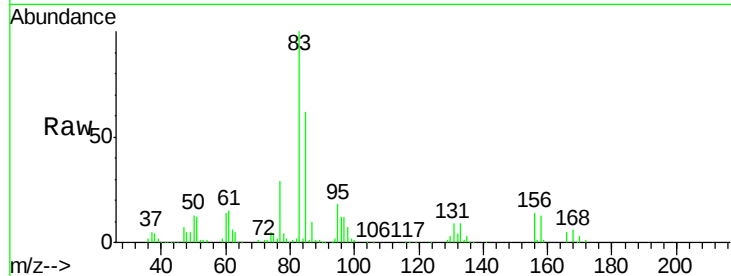
#75
 1,1,2,2-Tetrachloroethane
 Concen: 44.003 ug/l
 RT: 12.48 min Scan# 3339
 Delta R.T. -0.00 min
 Lab File: VN064752.D
 Acq: 20 Nov 2020 00:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	210736		
131	9.8	5.0	15.0	
85	63.9	31.8	95.4	

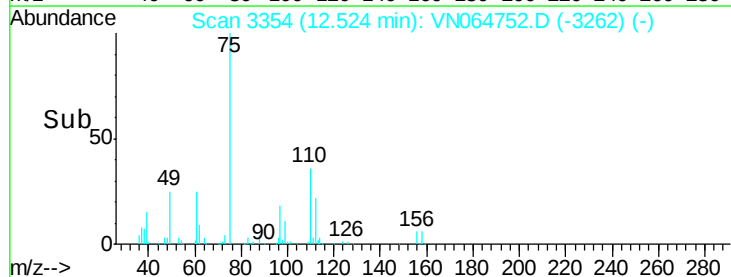
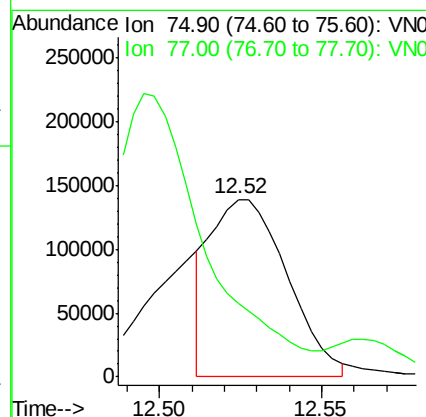
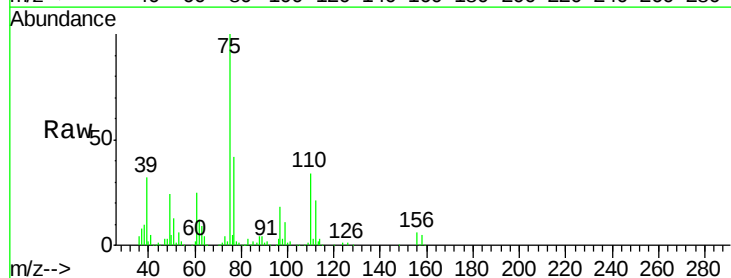
Manual Integrations
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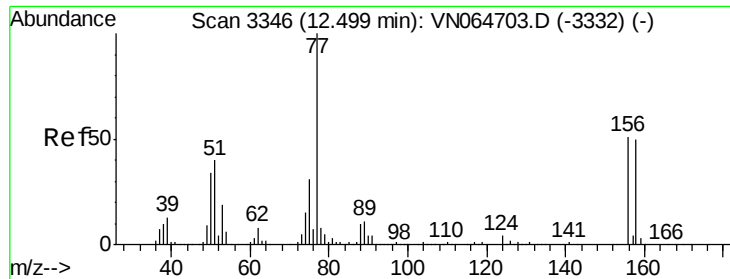
MMDadoda
 11/24/2020 3:11:32 PM



#76
 1,2,3-Trichloropropane
 Concen: 43.899 ug/l m
 RT: 12.52 min Scan# 3354
 Delta R.T. -0.00 min
 Lab File: VN064752.D
 Acq: 20 Nov 2020 00:14

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	228202		
77	0.0	0.0	0.0	





#77

Bromobenzene

Concen: 44.334 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064752.D

Acq: 20 Nov 2020 00:14

Instrument :

MSVOA_N

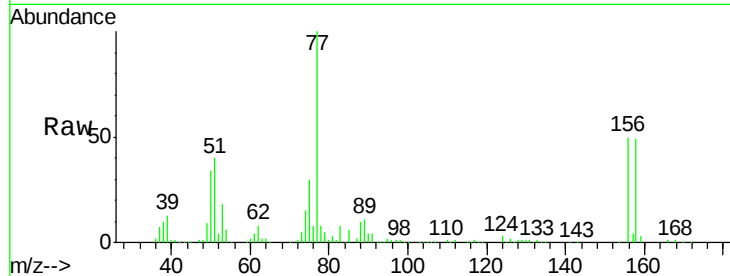
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	239.7	117.3	351.9	
158	95.9	49.0	147.2	

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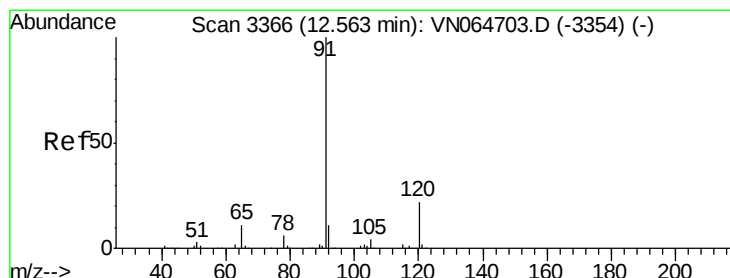
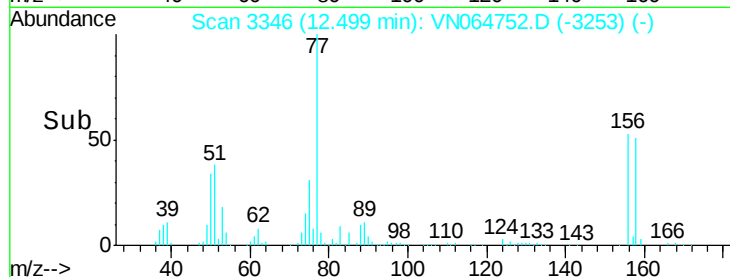
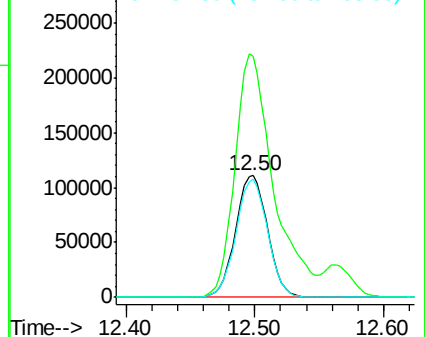
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 56.702 ug/l

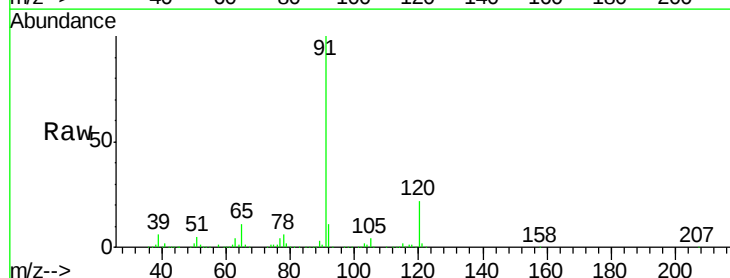
RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064752.D

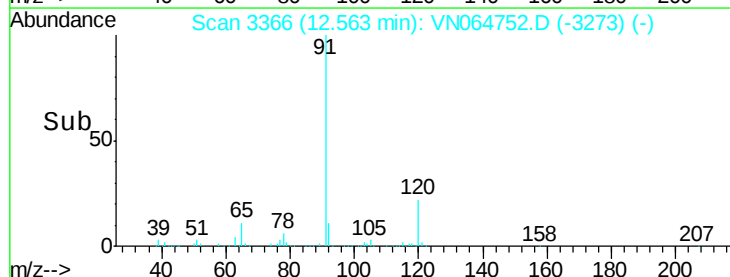
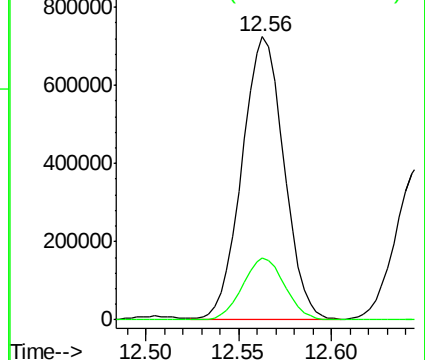
Acq: 20 Nov 2020 00:14

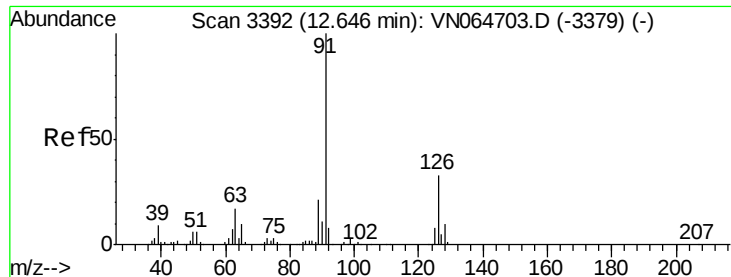
Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.1	10.9	32.9	



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.371 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064752.D

Acq: 20 Nov 2020 00:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 643112

Ion Ratio Lower Upper

91 100

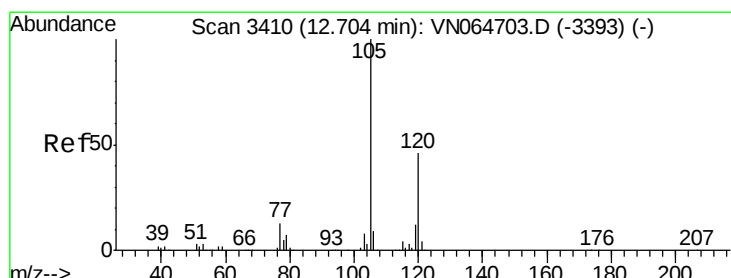
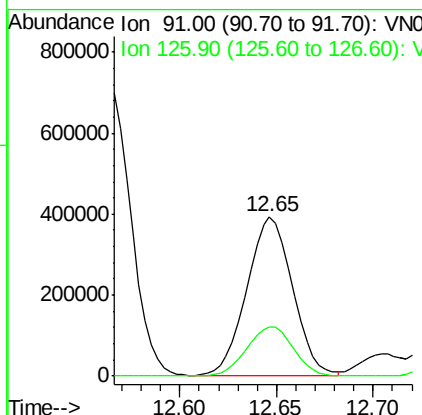
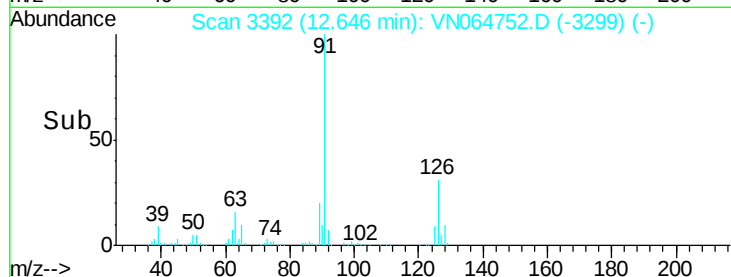
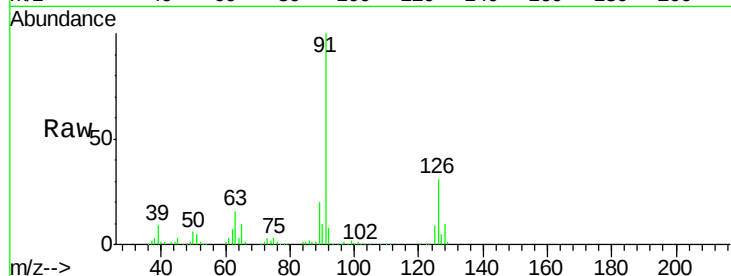
126 32.0 16.0 48.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 52.572 ug/l

RT: 12.70 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN064752.D

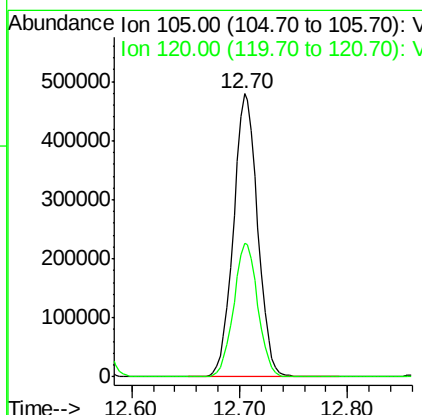
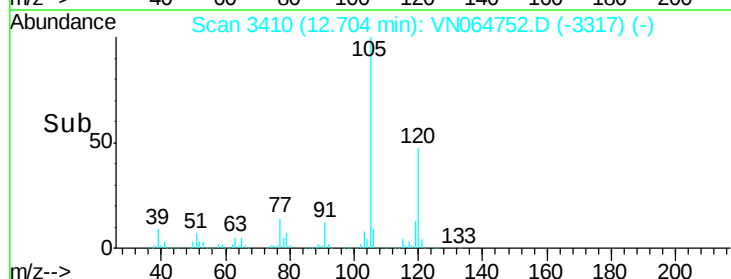
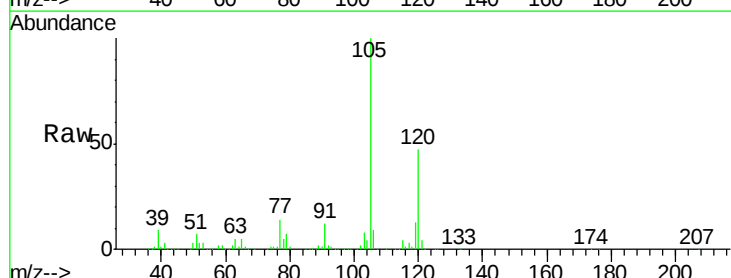
Acq: 20 Nov 2020 00:14

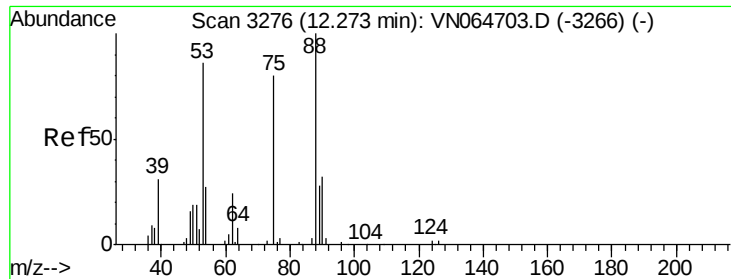
Tgt Ion: 105 Resp: 748066

Ion Ratio Lower Upper

105 100

120 47.3 22.9 68.8





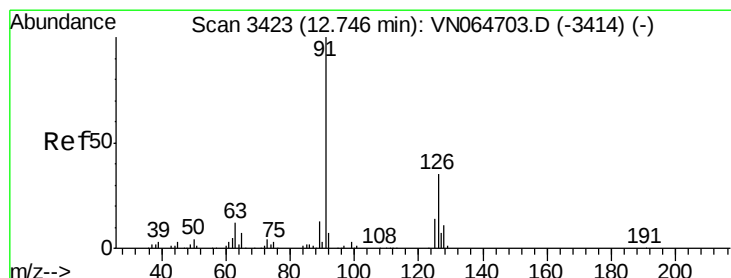
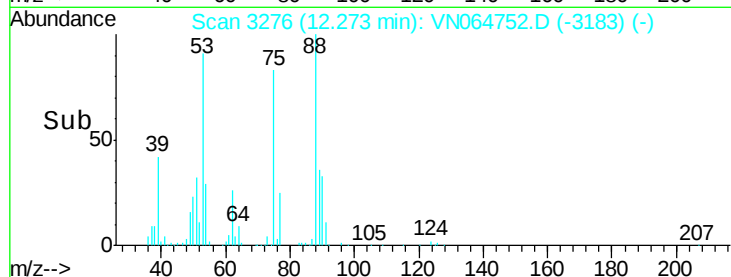
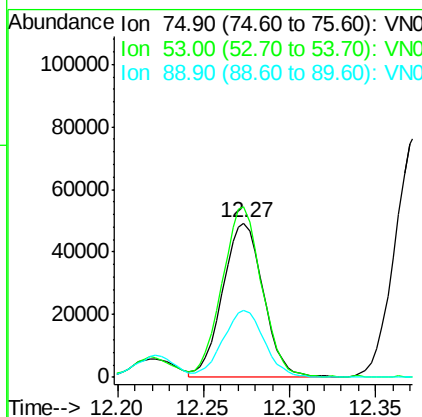
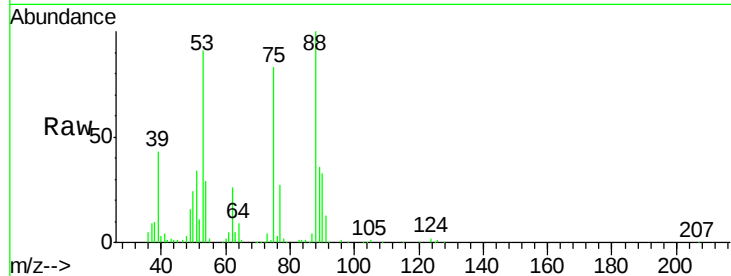
#81
trans-1,4-Dichloro-2-butene
Concen: 40.729 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. 0.00 min
Lab File: VN064752.D
Acq: 20 Nov 2020 00:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	107.2	88.8	133.2
89	44.1	43.1	64.7

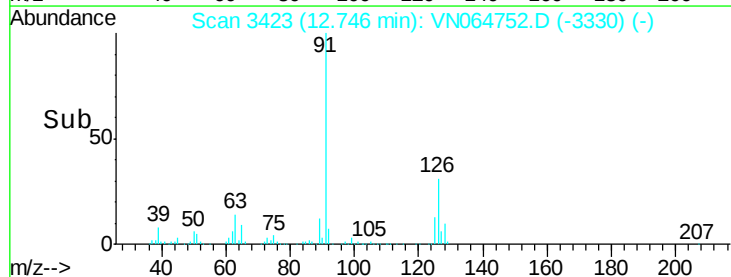
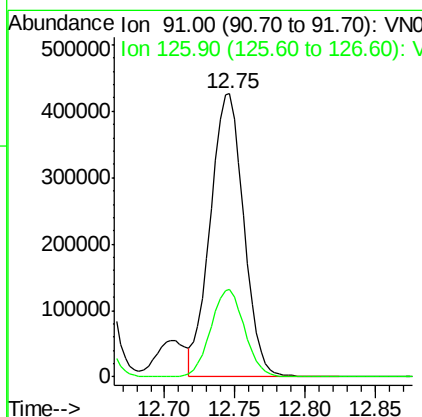
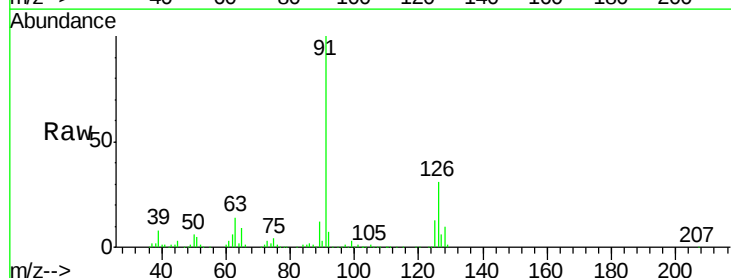
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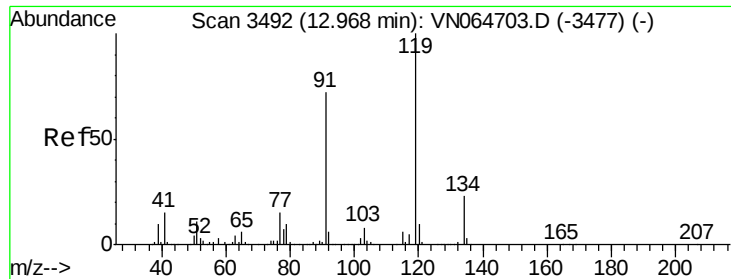
MMDadoda
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#82
4-Chlorotoluene
Concen: 51.245 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. -0.00 min
Lab File: VN064752.D
Acq: 20 Nov 2020 00:14

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.9	47.7





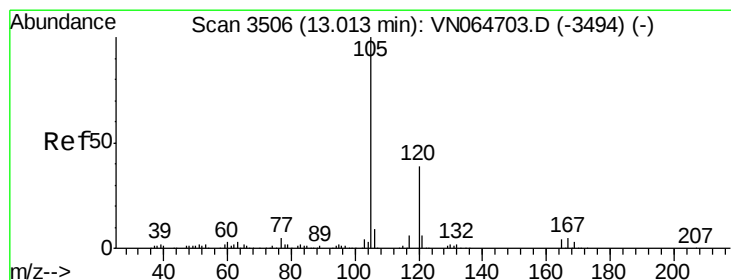
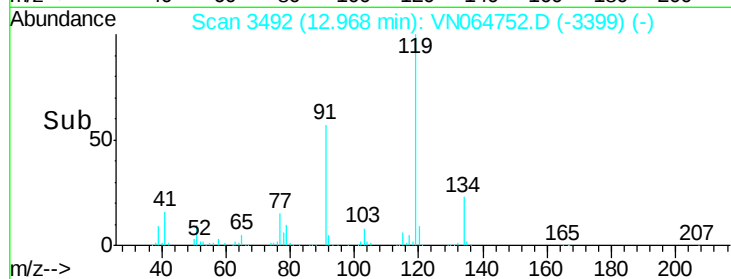
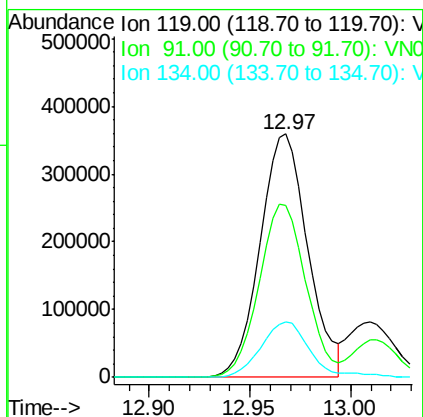
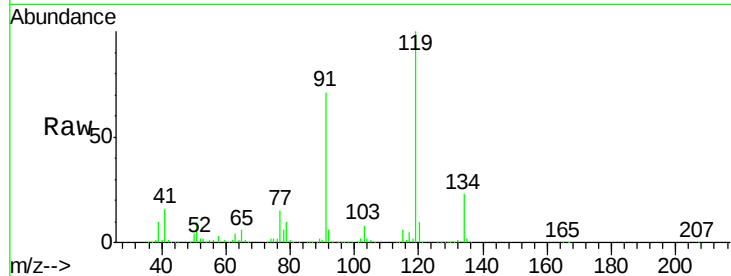
#83
 tert-Butylbenzene
 Concen: 53.735 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN064752.D
 Acq: 20 Nov 2020 00:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	591510		
91	69.7	35.8	107.4	
134	23.8	12.0	36.1	

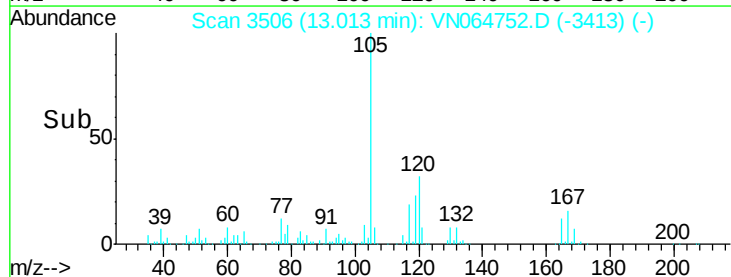
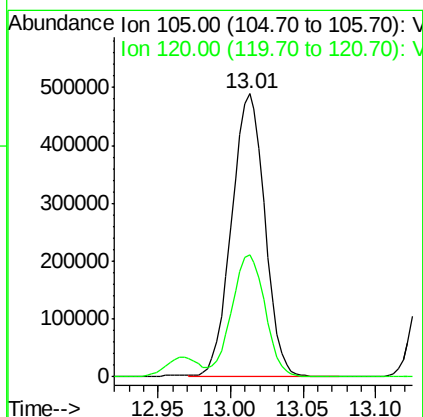
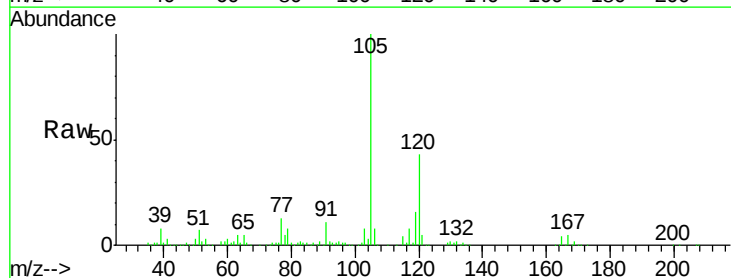
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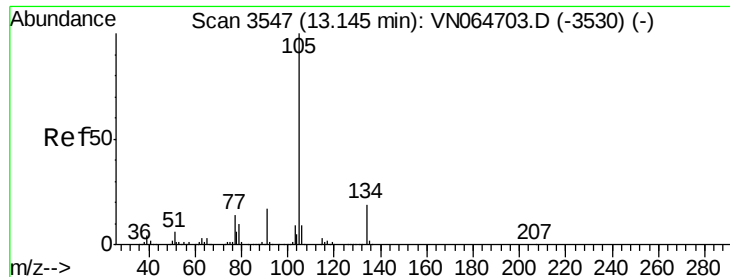
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#84
 1,2,4-Trimethylbenzene
 Concen: 53.302 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN064752.D
 Acq: 20 Nov 2020 00:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	774067		
120	43.6	22.0	66.0	





#85

sec-Butylbenzene

Concen: 58.099 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064752.D

Acq: 20 Nov 2020 00:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 852456

Ion Ratio Lower Upper

105 100

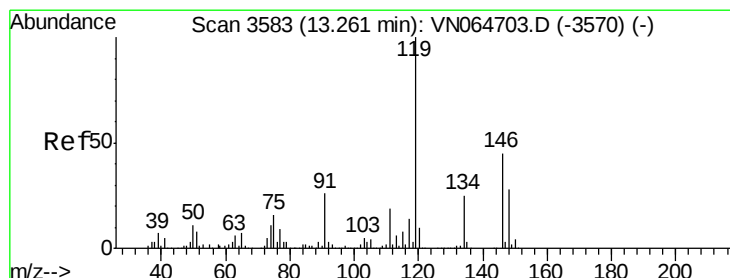
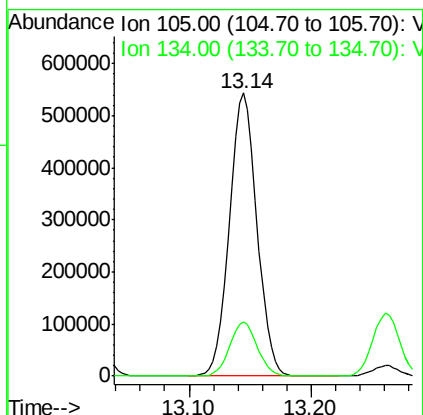
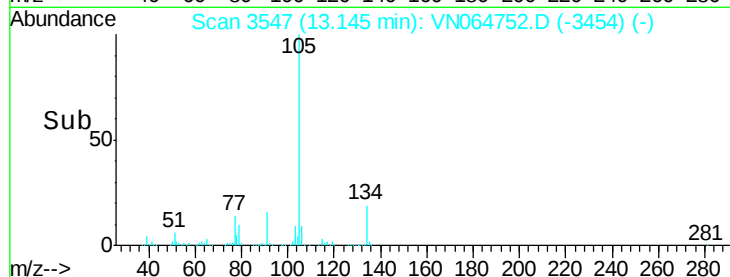
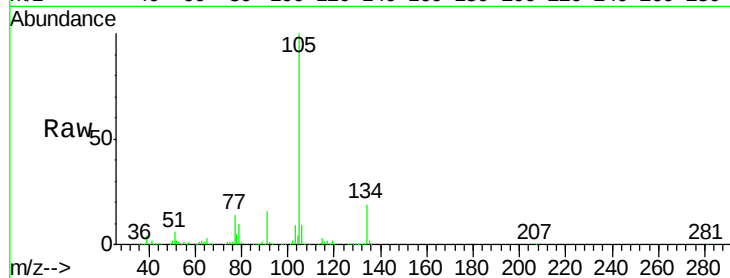
134 19.2 9.5 28.5

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 53.089 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. 0.00 min

Lab File: VN064752.D

Acq: 20 Nov 2020 00:14

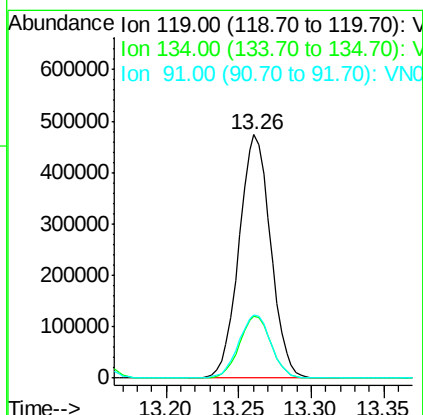
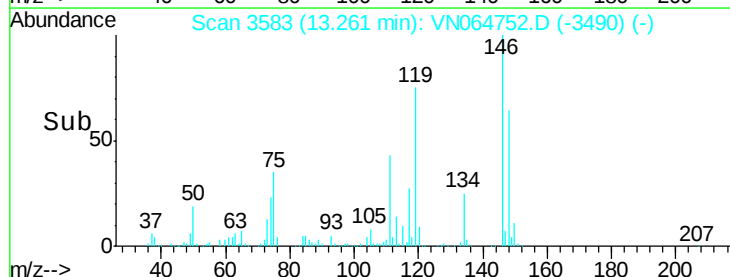
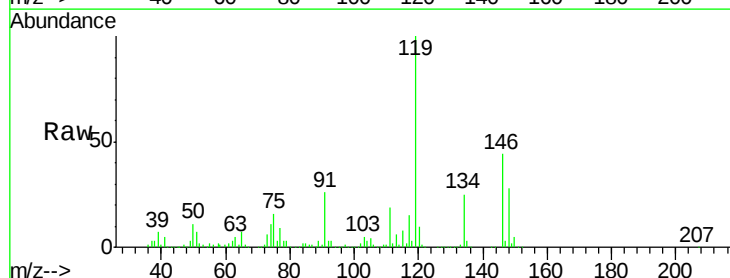
Tgt Ion:119 Resp: 716391

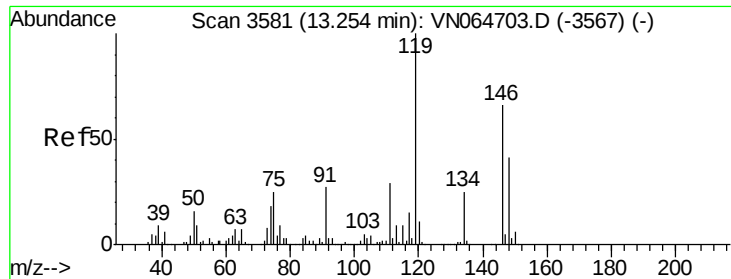
Ion Ratio Lower Upper

119 100

134 25.5 12.7 38.0

91 26.4 13.3 39.8





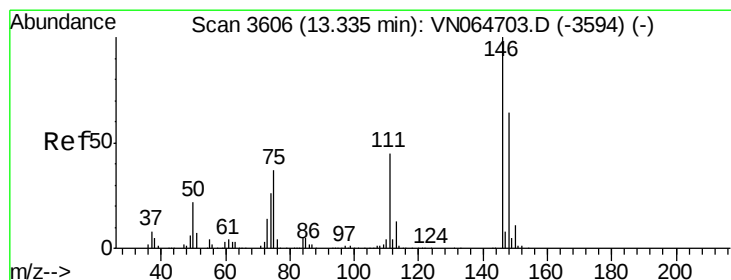
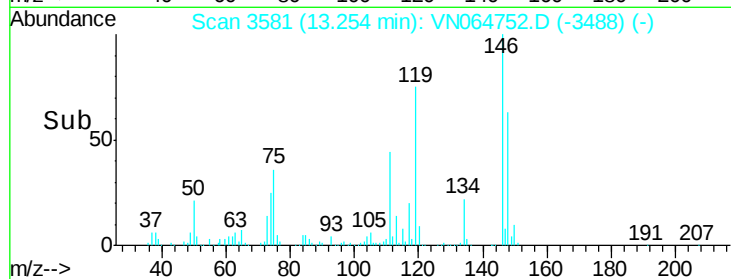
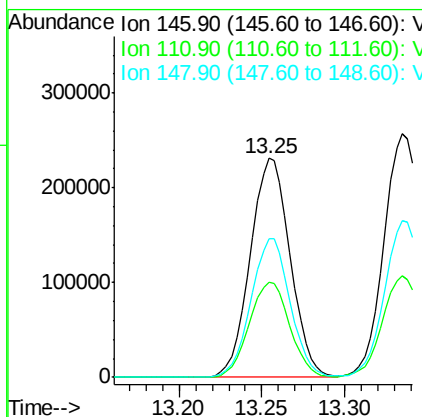
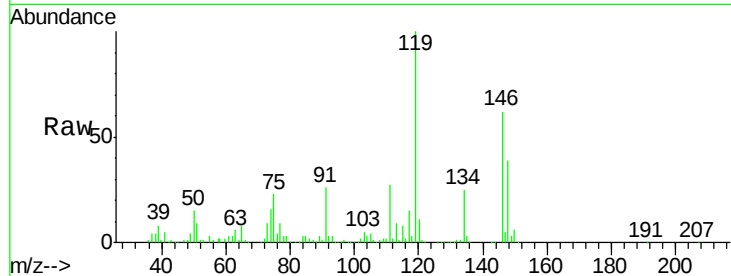
#87
 1,3-Dichlorobenzene
 Concen: 49.301 ug/l
 RT: 13.25 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN064752.D
 Acq: 20 Nov 2020 00:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	388083		
111	43.9	21.8	65.4	
148	62.2	31.5	94.5	

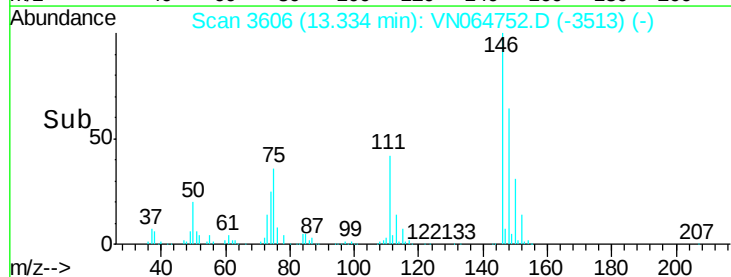
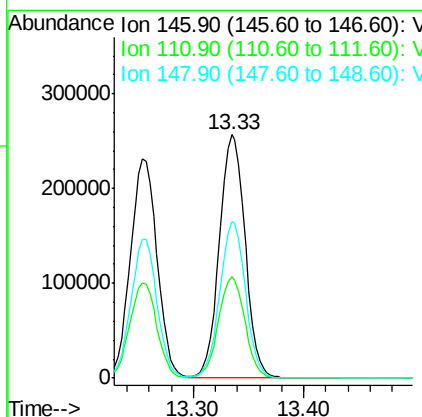
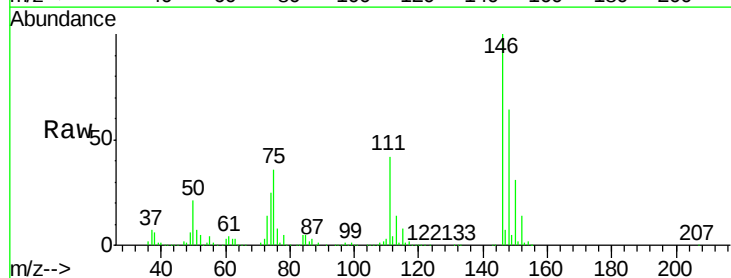
Manual Integrations
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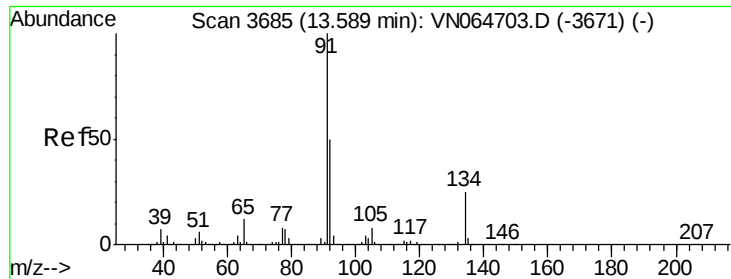
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#88
 1,4-Dichlorobenzene
 Concen: 51.480 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN064752.D
 Acq: 20 Nov 2020 00:14

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	416031		
111	42.4	22.3	66.8	
148	63.7	31.6	94.7	





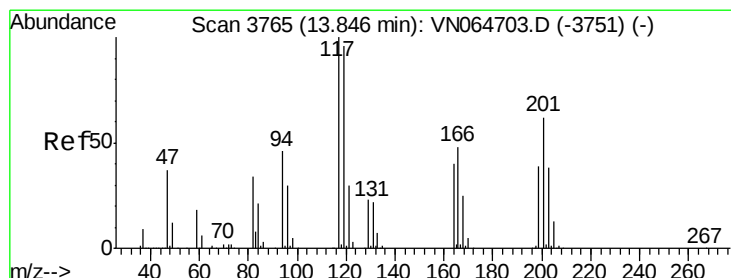
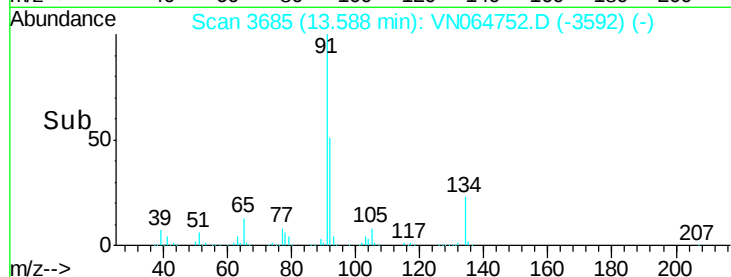
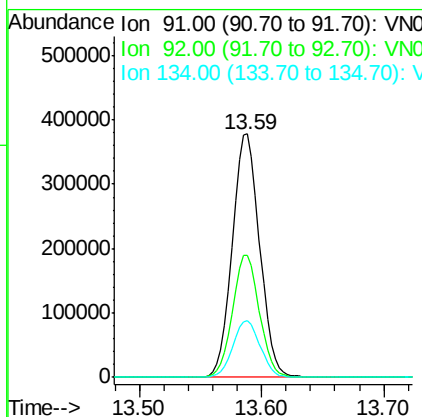
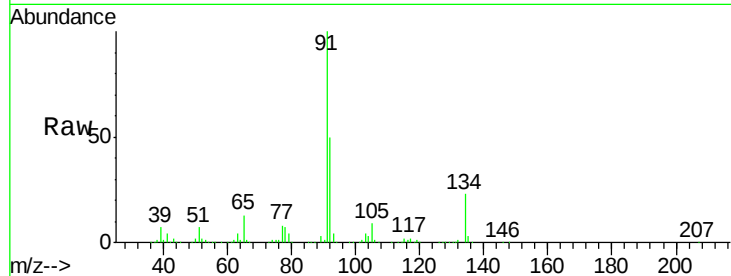
#89
n-Butylbenzene
Concen: 46.901 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064752.D
Acq: 20 Nov 2020 00:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	49.5	24.9	74.8
134	23.1	12.0	36.0

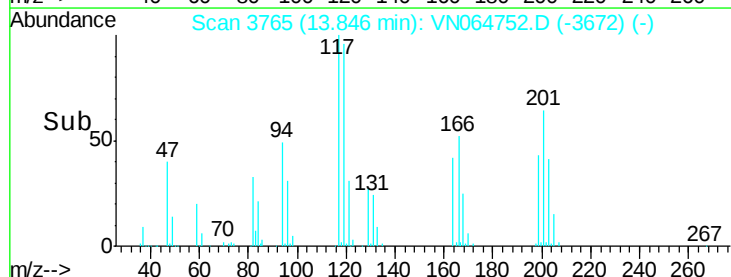
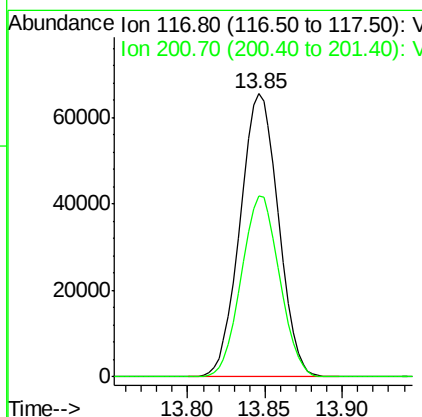
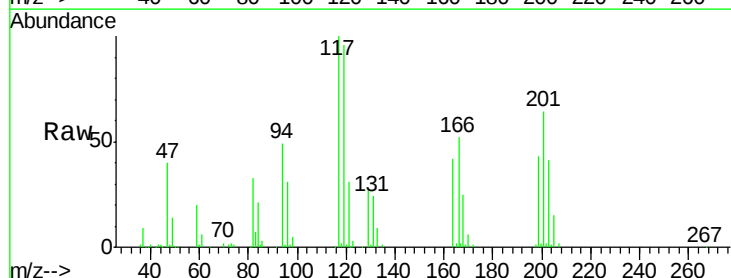
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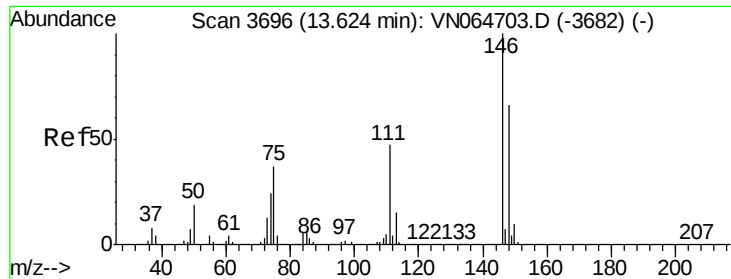
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#90
Hexachloroethane
Concen: 50.710 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064752.D
Acq: 20 Nov 2020 00:14

Tgt Ion	Ratio	Lower	Upper
117	100		
201	63.7	31.9	95.5





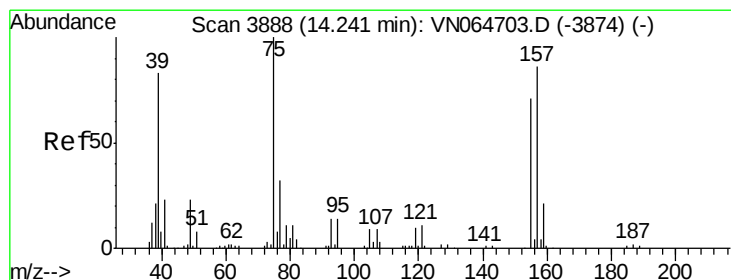
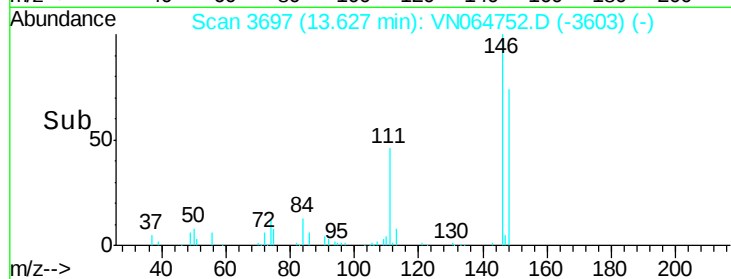
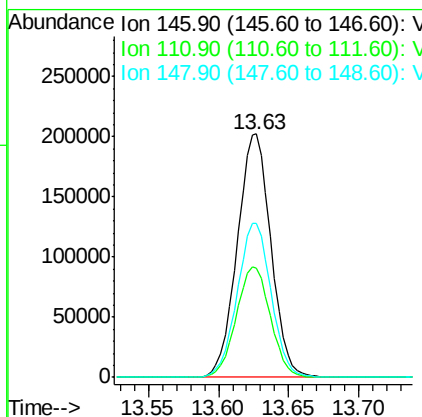
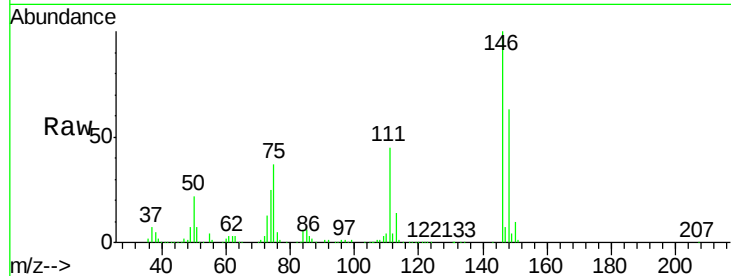
#91
 1,2-Dichlorobenzene
 Concen: 44.036 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064752.D
 Acq: 20 Nov 2020 00:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.0	23.1	69.3
148	63.9	32.2	96.6

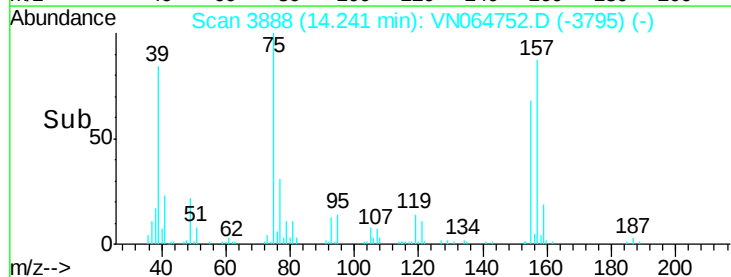
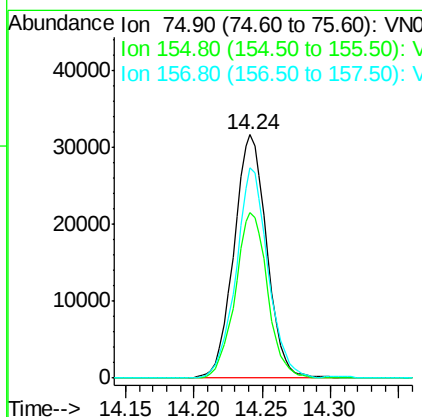
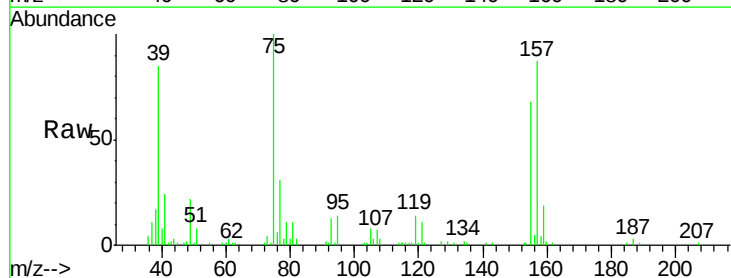
Manual Integrations
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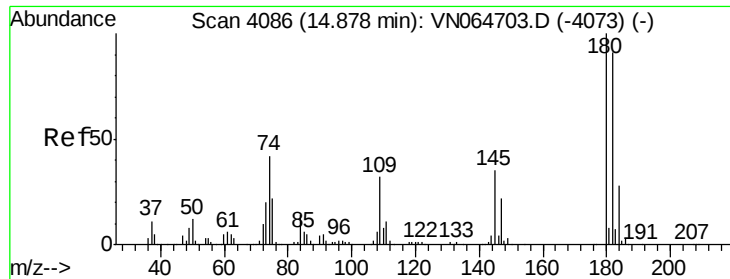
MMDadoda
 11/24/2020 3:11:32 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.068 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064752.D
 Acq: 20 Nov 2020 00:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	66.5	33.6	100.6
157	84.3	42.4	127.2





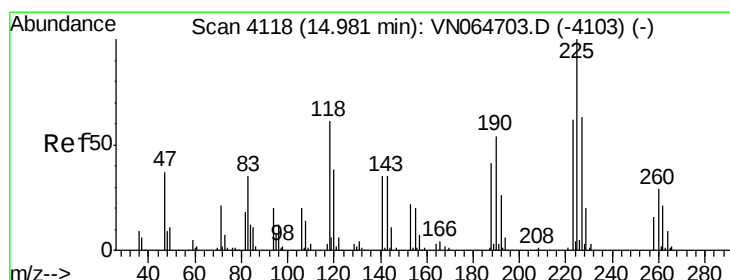
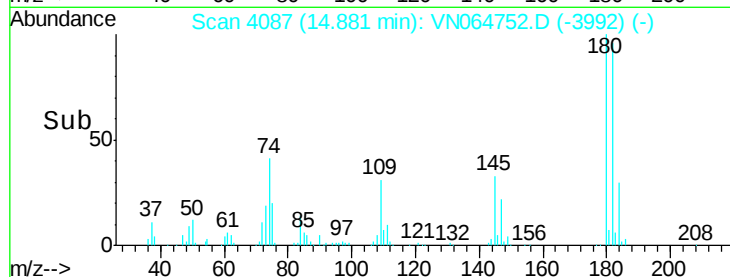
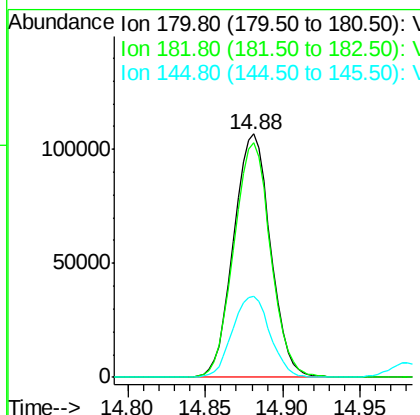
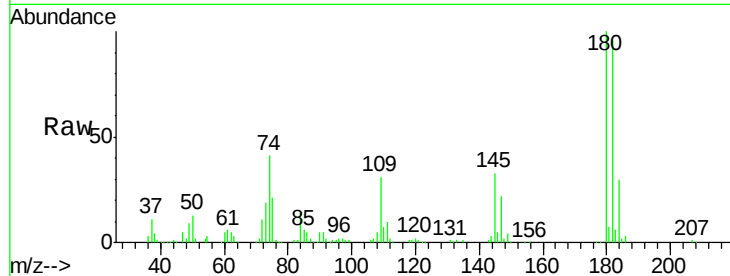
#93
 1,2,4-Trichlorobenzene
 Concen: 42.427 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064752.D
 Acq: 20 Nov 2020 00:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.3	141.8
145	34.1	17.5	52.5

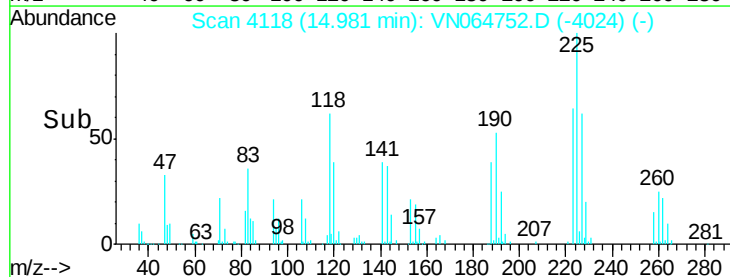
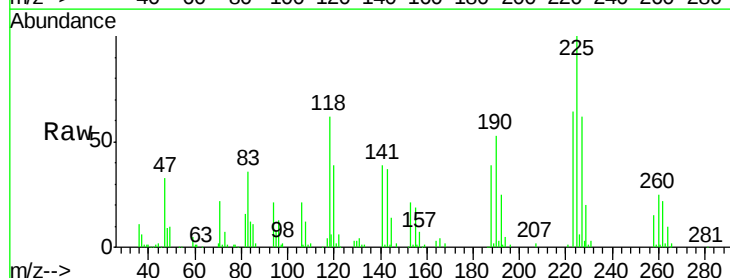
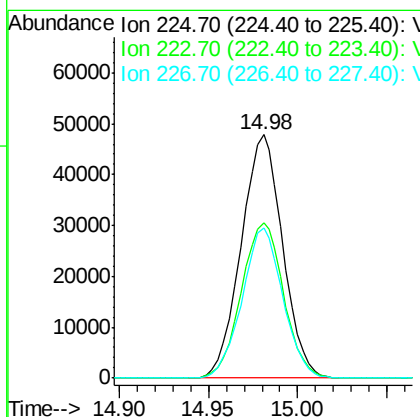
Manual Integrations
 APPROVED

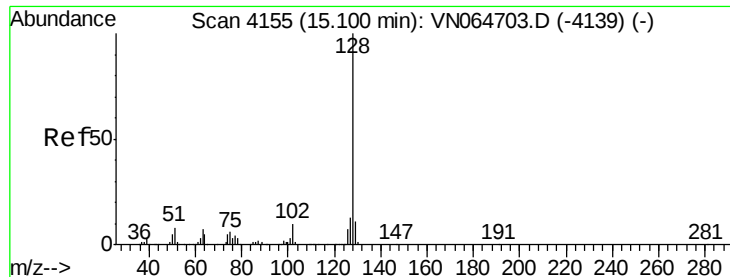
MMDadoda
 11/24/2020 3:11:32 PM



#94
 Hexachlorobutadiene
 Concen: 45.274 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064752.D
 Acq: 20 Nov 2020 00:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.0	31.2	93.6
227	60.7	32.1	96.3





#95

Naphthalene

Concen: 43.145 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064752.D

Acq: 20 Nov 2020 00:14

Instrument :

MSVOA_N

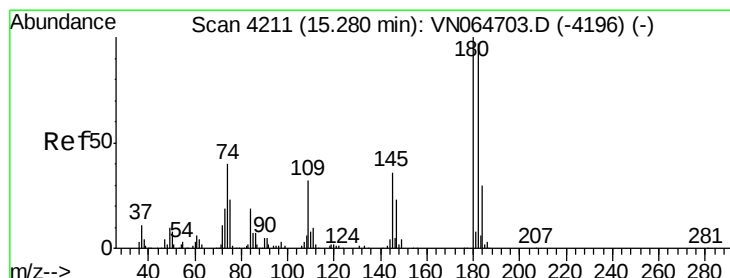
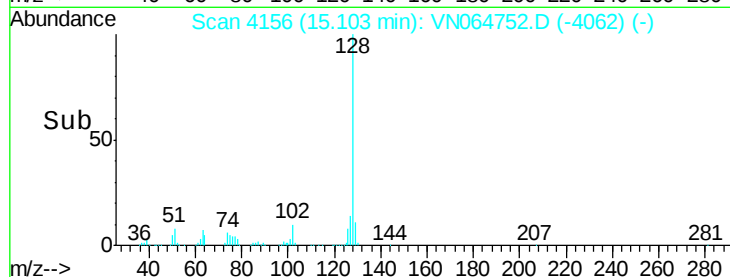
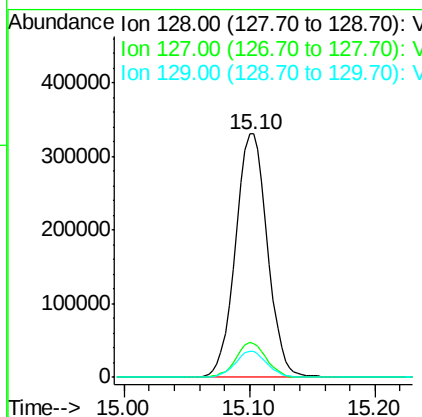
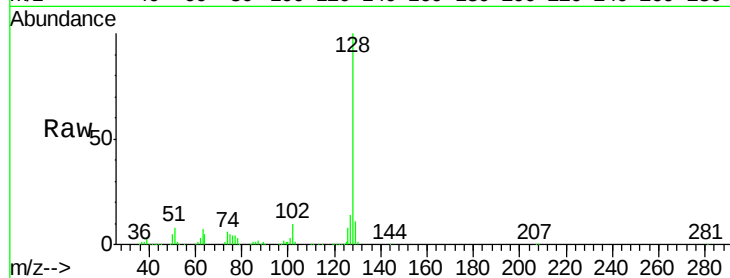
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	585052
Ion Ratio	Lower	Upper	
128	100		
127	13.7	10.8	16.2
129	10.7	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
11/24/2020 3:11:32 PM



#96

1,2,3-Trichlorobenzene

Concen: 43.620 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064752.D

Acq: 20 Nov 2020 00:14

Tgt Ion:	180	Resp:	174697
Ion Ratio	Lower	Upper	
180	100		
182	94.8	47.5	142.5
145	36.2	18.1	54.1

