

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111320\
 Data File : VN064623.D
 Acq On : 13 Nov 2020 11:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/17/2020 6:41:24 PM

Quant Time: Nov 17 02:23:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	308905	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	532682	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	498888	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	250741	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	257284	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	
35) Dibromofluoromethane	7.55	113	177755	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
50) Toluene-d8	10.06	98	674943	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	
62) 4-Bromofluorobenzene	12.38	95	255588	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	180531	44.895	ug/l	98
3) Chloromethane	2.04	50	201262	41.206	ug/l	97
4) Vinyl Chloride	2.17	62	223947	44.650	ug/l	96
5) Bromomethane	2.53	94	158289	49.400	ug/l	99
6) Chloroethane	2.67	64	150194	46.771	ug/l	98
7) Trichlorofluoromethane	2.99	101	375309	50.816	ug/l	99
8) Diethyl Ether	3.37	74	127485	48.880	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.71	101	169645	48.370	ug/l	99
10) Methyl Iodide	3.91	142	203060	49.827	ug/l	99
11) Tert butyl alcohol	4.75	59	138497	233.406	ug/l	100
12) 1,1-Dichloroethene	3.69	96	154044	46.628	ug/l	95
13) Acrolein	3.56	56	74682	202.906	ug/l	94
14) Allyl chloride	4.27	41	279198	43.202	ug/l	96
15) Acrylonitrile	4.93	53	418357	253.239	ug/l	99
16) Acetone	3.78	43	524397	255.855	ug/l	97
17) Carbon Disulfide	4.00	76	441982	44.737	ug/l	98
18) Methyl Acetate	4.28	43	202600	50.280	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	555002	46.677	ug/l	99
20) Methylene Chloride	4.50	84	186036	45.748	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	176026	46.927	ug/l	97
22) Diisopropyl ether	5.90	45	634227	46.232	ug/l	99
23) Vinyl Acetate	5.85	43	2680563	240.194	ug/l	98
24) 1,1-Dichloroethane	5.79	63	352656	46.781	ug/l	100
25) 2-Butanone	6.79	43	675372	258.618	ug/l	99
26) 2,2-Dichloropropane	6.77	77	322144	47.207	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	203064	46.719	ug/l	97
28) Bromochloromethane	7.15	49	171149	46.189	ug/l	100
29) Tetrahydrofuran	7.17	42	394579	246.274	ug/l	98
30) Chloroform	7.33	83	384867	48.570	ug/l	99
31) Cyclohexane	7.61	56	272862	41.717	ug/l	95
32) 1,1,1-Trichloroethane	7.52	97	341915	48.649	ug/l	99
36) 1,1-Dichloropropene	7.75	75	274074	48.703	ug/l	99
37) Ethyl Acetate	6.88	43	264667	46.395	ug/l	99
38) Carbon Tetrachloride	7.73	117	304185	50.577	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	249497	49.458	ug/l	95
40) Benzene	8.00	78	790426	47.800	ug/l	100
41) Methacrylonitrile	7.13	41	117623	47.145	ug/l	95
42) 1,2-Dichloroethane	8.08	62	337681	50.602	ug/l	100
43) Isopropyl Acetate	8.13	43	445626	48.864	ug/l	100
44) Trichloroethene	8.80	130	201201	48.226	ug/l	96
45) 1,2-Dichloropropane	9.08	63	212520	48.166	ug/l	96
46) Dibromomethane	9.17	93	148873	51.255	ug/l	98
47) Bromodichloromethane	9.37	83	323485	51.796	ug/l	99
48) Methyl methacrylate	9.17	41	230195	50.022	ug/l	99
49) 1,4-Dioxane	9.17	88	61872	1020.779	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	1417768	266.581	ug/l	100
52) Toluene	10.12	92	503684	49.940	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	341012	51.504	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	353677	49.960	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	201169	51.144	ug/l	99
56) Ethyl methacrylate	10.40	69	286616	44.499	ug/l	98
57) 1,3-Dichloropropane	10.68	76	347419	50.603	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	767483	250.897	ug/l	98
59) 2-Hexanone	10.72	43	1071550	247.130	ug/l	100
60) Dibromochloromethane	10.87	129	238548	54.168	ug/l	99
61) 1,2-Dibromoethane	10.98	107	211347	52.973	ug/l	99
64) Tetrachloroethene	10.60	164	190577	49.592	ug/l	98
65) Chlorobenzene	11.41	112	540315	49.404	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	217957	53.420	ug/l	99
67) Ethyl Benzene	11.48	91	989902	50.885	ug/l	98
68) m/p-Xylenes	11.60	106	739899	104.875	ug/l	99
69) o-Xylene	11.92	106	343208	50.343	ug/l	98
70) Styrene	11.94	104	617229	53.804	ug/l	99
71) Bromoform	12.10	173	154211	50.328	ug/l #	99
73) Isopropylbenzene	12.22	105	922204	46.273	ug/l	99
74) N-amyl acetate	12.04	43	411423	42.745	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	292742	47.822	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	291534m	47.987	ug/l	
77) Bromobenzene	12.50	156	219847	45.183	ug/l	99
78) n-propylbenzene	12.57	91	1106715	48.708	ug/l	99
79) 2-Chlorotoluene	12.65	91	666096	46.222	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	801913	48.774	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	101940	46.850	ug/l	98
82) 4-Chlorotoluene	12.75	91	726872	48.163	ug/l	99
83) tert-Butylbenzene	12.97	119	624842	48.660	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	814023	49.251	ug/l	99
85) sec-Butylbenzene	13.14	105	835015	51.345	ug/l	100
86) p-Isopropyltoluene	13.26	119	757411	51.778	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	413788	49.196	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	405187	46.615	ug/l	99
89) n-Butylbenzene	13.59	91	663006	52.715	ug/l	100
90) Hexachloroethane	13.85	117	149114	52.843	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	400600	49.514	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	61274	50.276	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	181039	45.262	ug/l	100
94) Hexachlorobutadiene	14.98	225	97732	59.330	ug/l	99
95) Naphthalene	15.10	128	560434	41.422	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	184822	47.621	ug/l	99

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

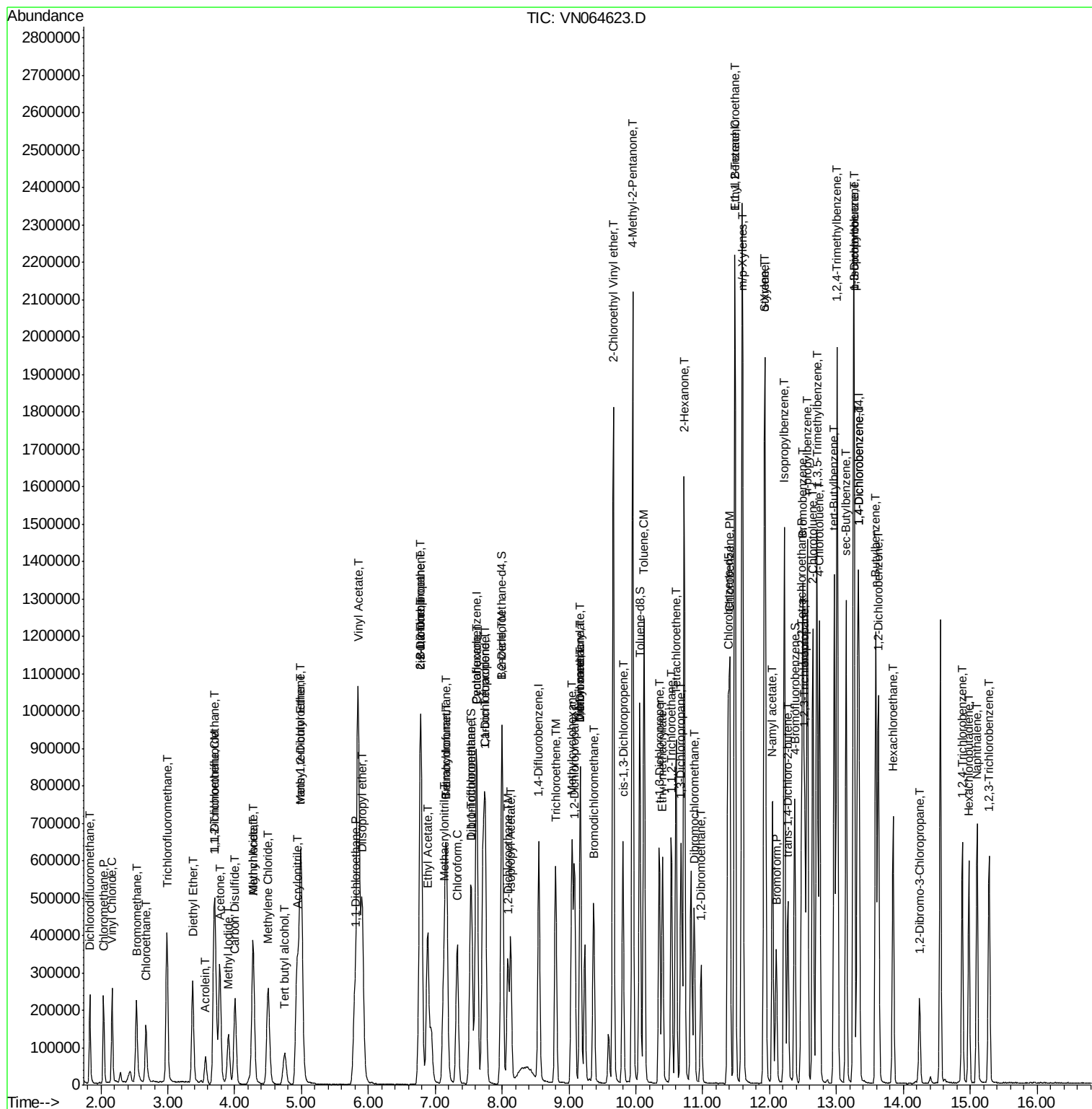
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111320\
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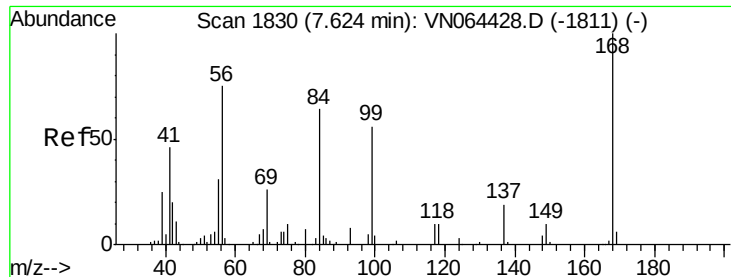
Instrument :
MSVOA_N
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 308905

Ion Ratio Lower Upper

168 100

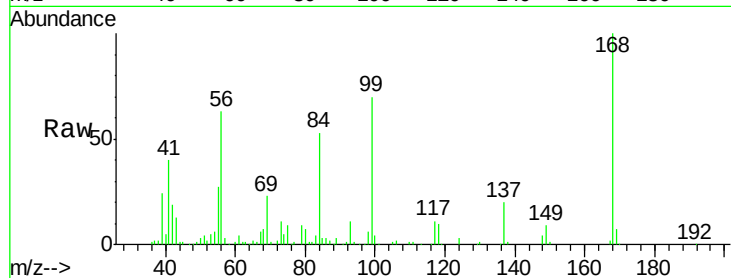
99 69.9 53.4 80.2

Manual Integrations

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11/17/2020 6:41:24 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

150000

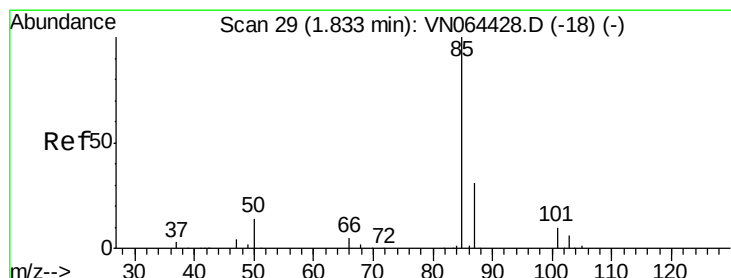
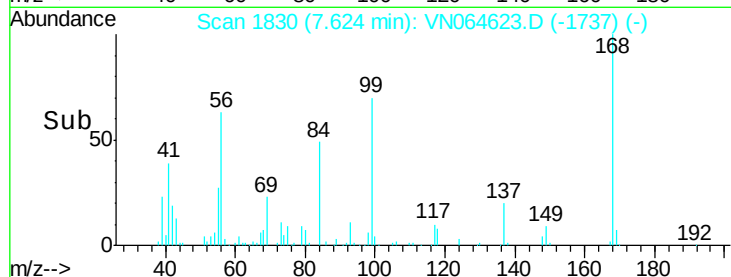
7.62

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 44.895 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN064623.D

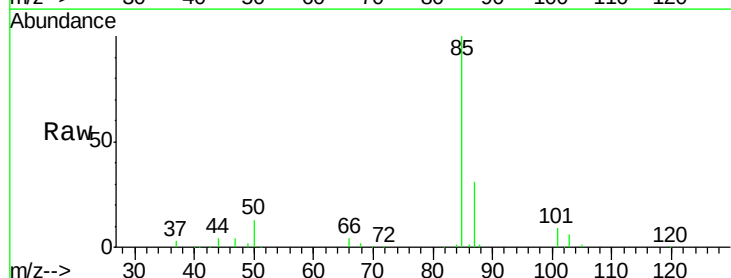
Acq: 13 Nov 2020 11:04

Tgt Ion: 85 Resp: 180531

Ion Ratio Lower Upper

85 100

87 30.5 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

150000

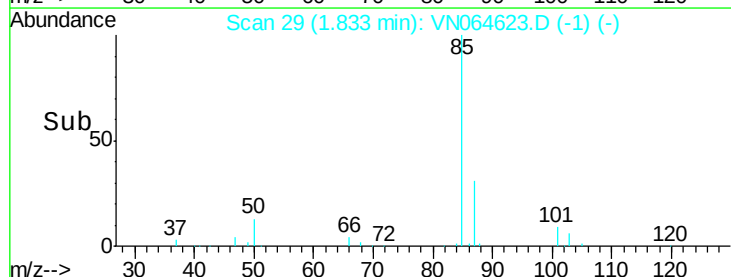
1.83

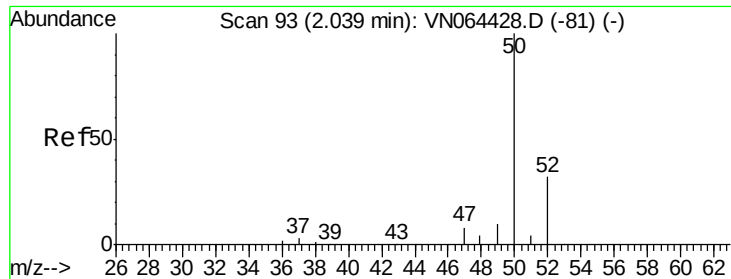
100000

50000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 41.206 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 201262

Ion Ratio Lower Upper

50 100

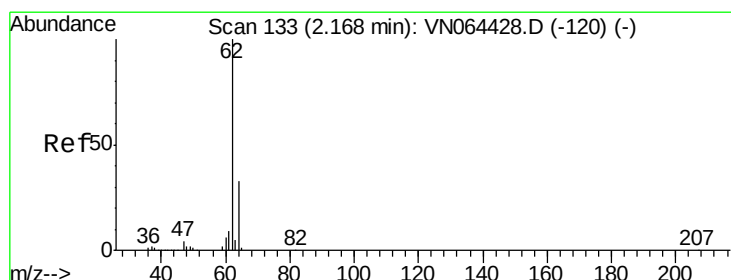
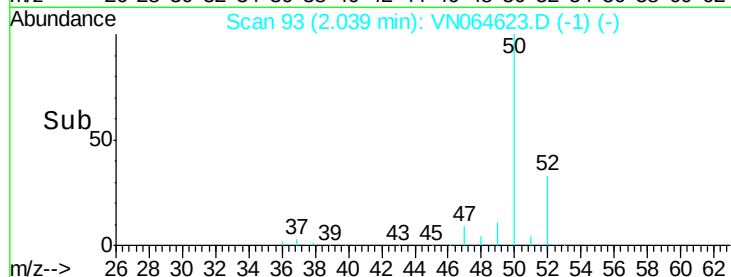
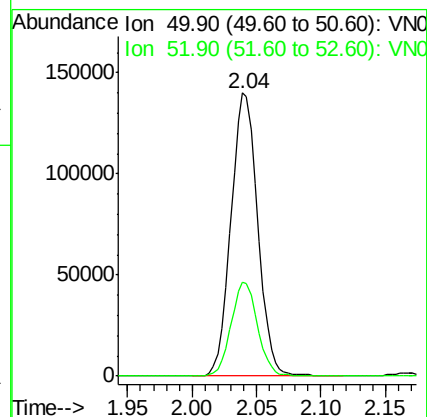
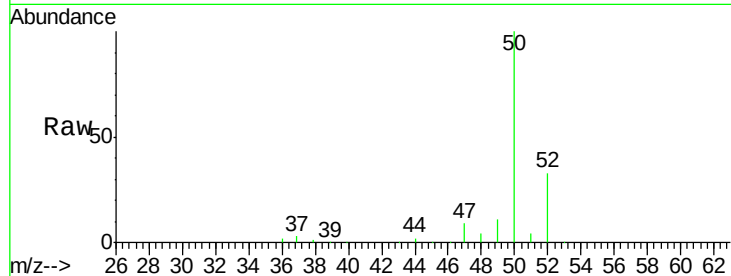
52 33.2 25.3 37.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 44.650 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064623.D

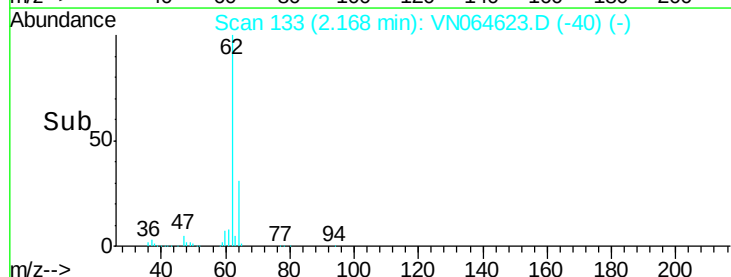
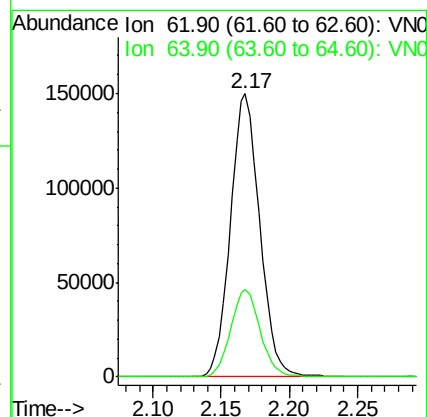
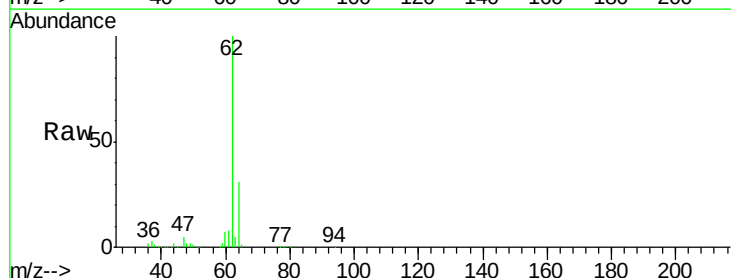
Acq: 13 Nov 2020 11:04

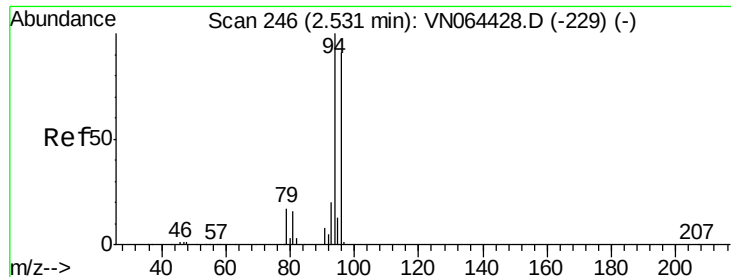
Tgt Ion: 62 Resp: 223947

Ion Ratio Lower Upper

62 100

64 30.8 26.3 39.5





#5

Bromomethane

Concen: 49.400 ug/l

RT: 2.53 min Scan# 246

Delta R.T. -0.00 min

Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

Instrument :

MSVOA_N

ClientSampleId :

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Tot Ion: 94 Resp: 158289

Ion Ratio Lower Upper

94 100

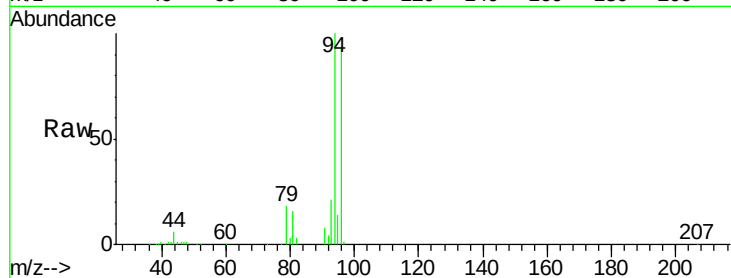
96 92.3 73.1 109.7

Manual Integrations

APPROVED

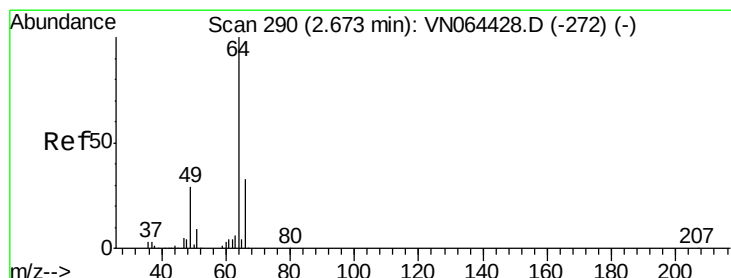
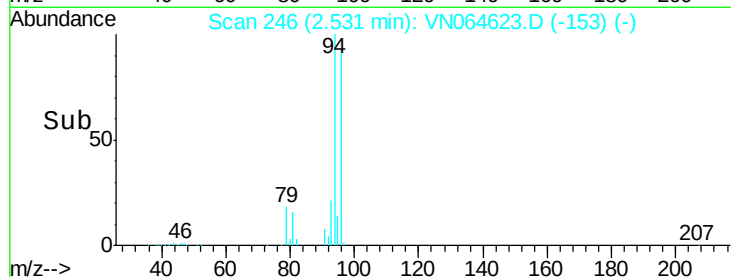
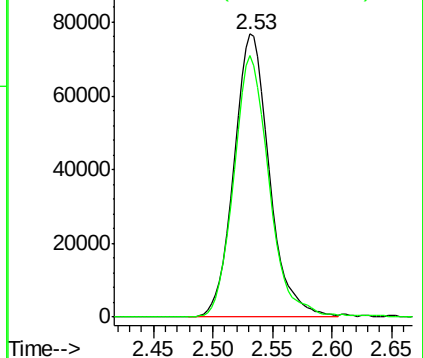
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 46.771 ug/l

RT: 2.67 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN064623.D

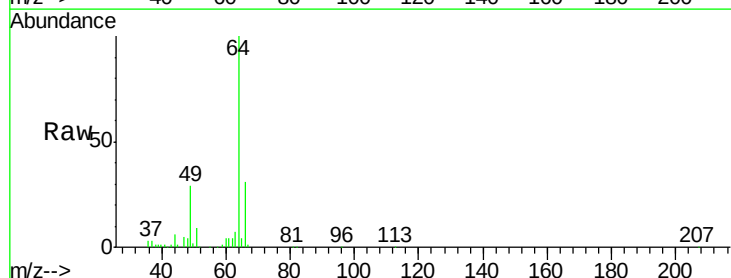
Acq: 13 Nov 2020 11:04

Tgt Ion: 64 Resp: 150194

Ion Ratio Lower Upper

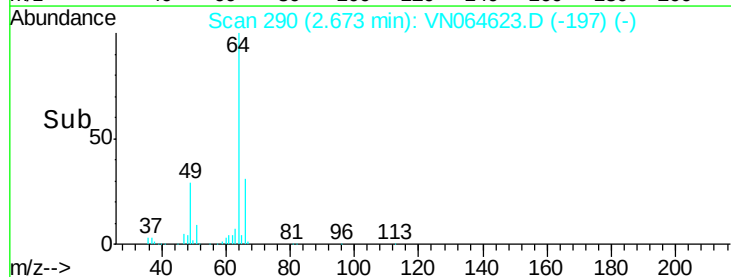
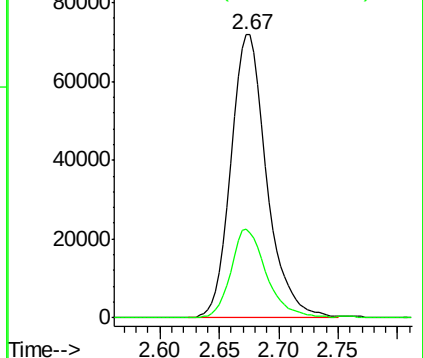
64 100

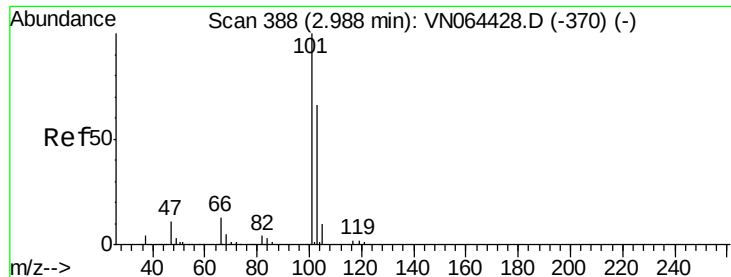
66 31.2 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

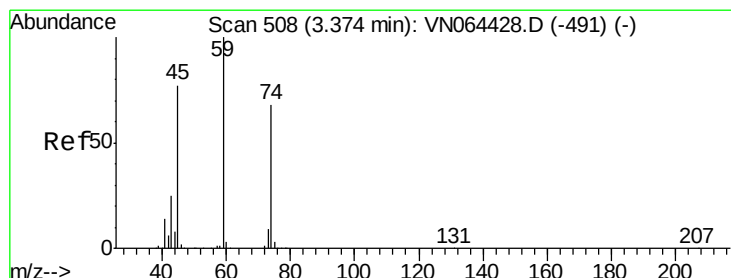
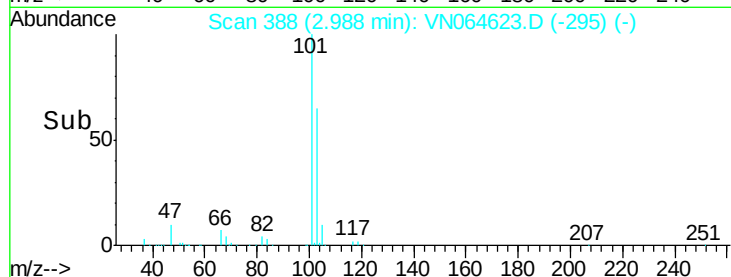
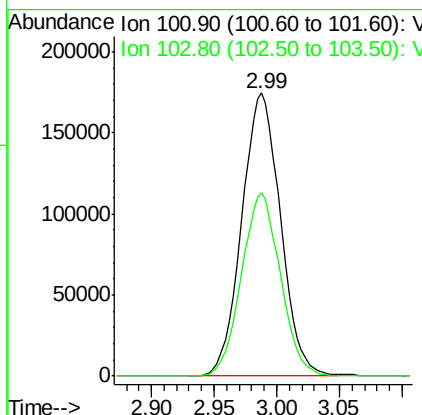
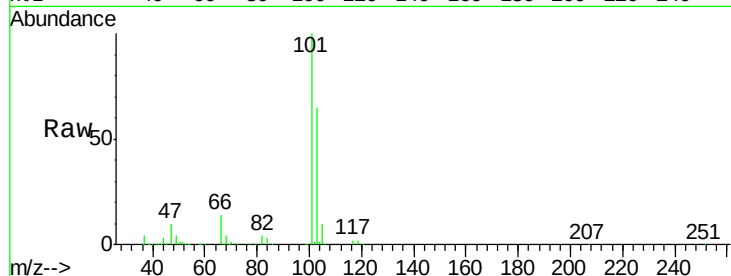
Trichlorofluoromethane
 Concen: 50.816 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: VN064623.D
 Acq: 13 Nov 2020 11:04

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	52.4	78.6

Manual Integrations
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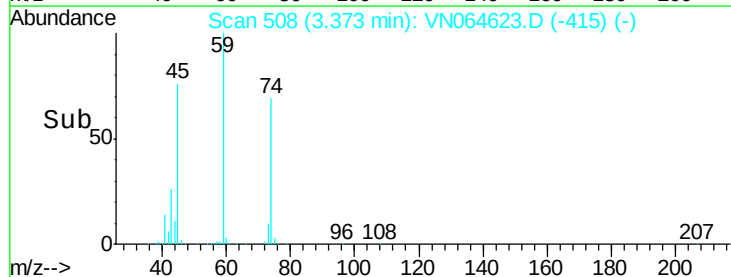
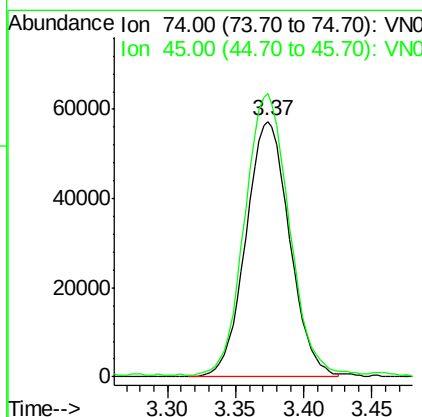
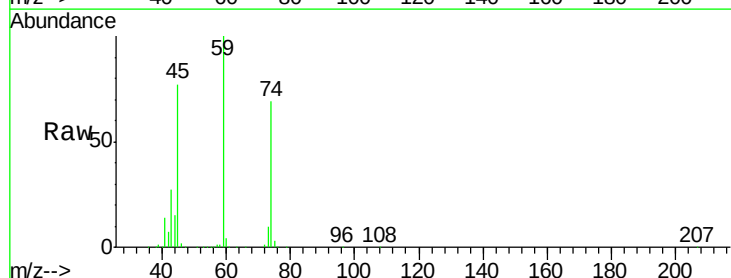
MMDadoda
 11/17/2020 6:41:24 PM

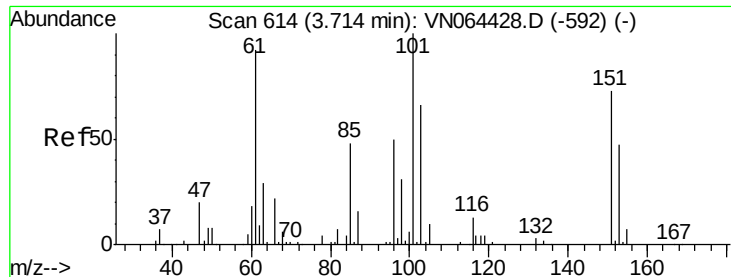


#8

Diethyl Ether
 Concen: 48.880 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN064623.D
 Acq: 13 Nov 2020 11:04

Tgt Ion	Ratio	Lower	Upper
74	100		
45	111.4	55.9	167.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.370 ug/l

RT: 3.71 min Scan# 613

Delta R.T. -0.00 min

Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

Instrument :

MSVOA_N

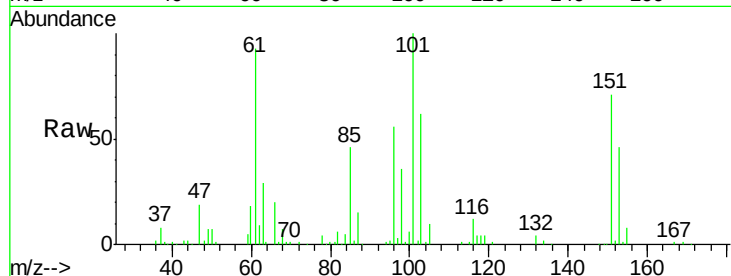
ClientSampleId :

VSTDCCC050

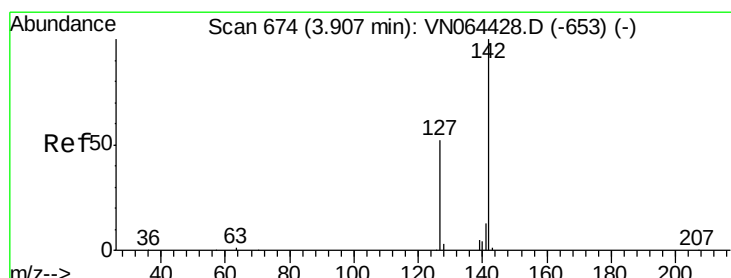
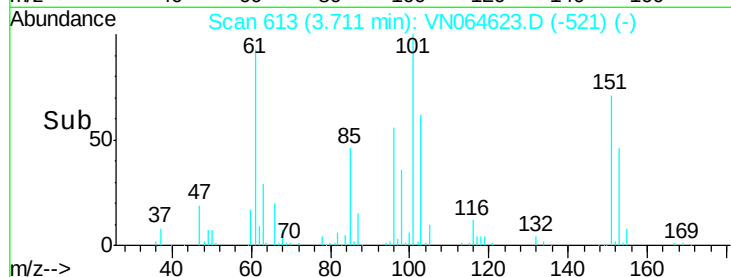
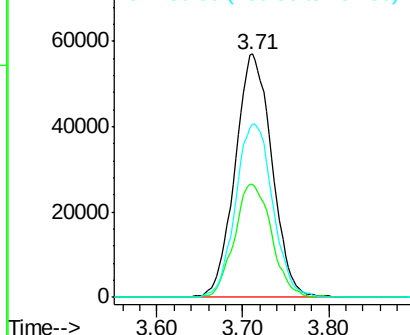
Tot Ion:	101	Resp:	169645
Ion Ratio	Lower	Upper	
101	100		
85	46.8	38.6	57.8
151	71.7	57.5	86.3

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



#10

Methyl Iodide

Concen: 49.827 ug/l

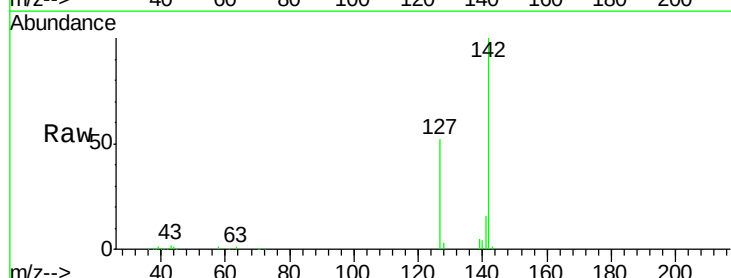
RT: 3.91 min Scan# 674

Delta R.T. -0.00 min

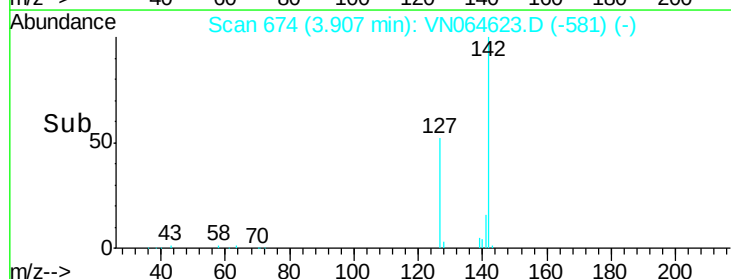
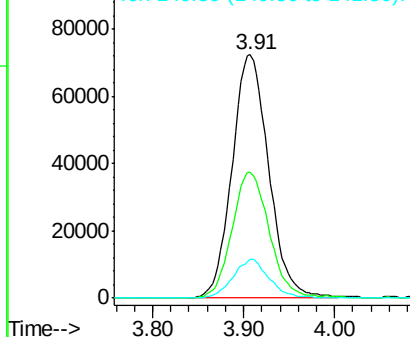
Lab File: VN064623.D

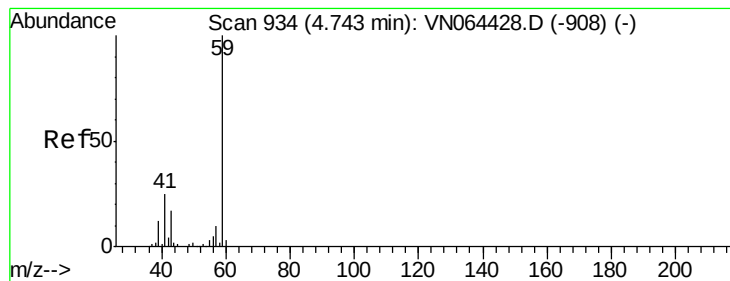
Acq: 13 Nov 2020 11:04

Tgt Ion:	142	Resp:	203060
Ion Ratio	Lower	Upper	
142	100		
127	52.3	41.8	62.8
141	15.5	11.4	17.2



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





#11

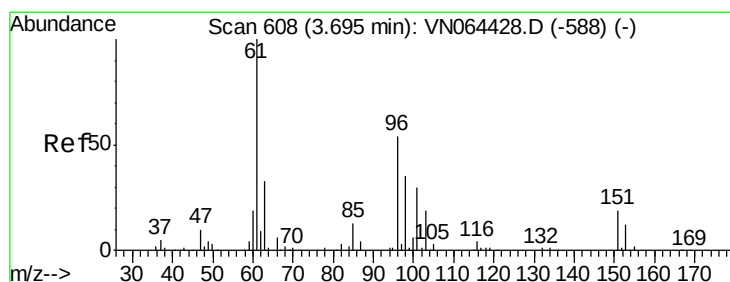
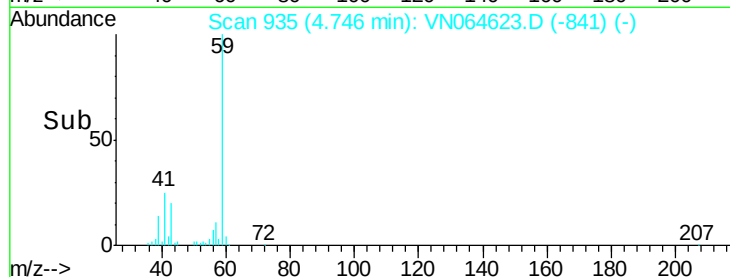
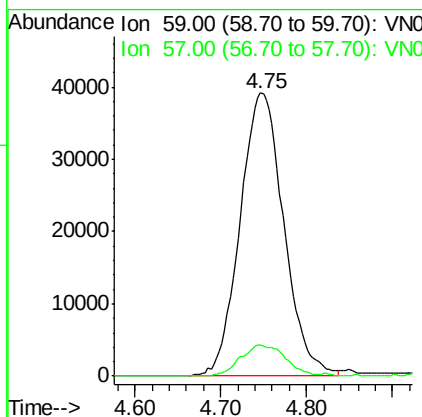
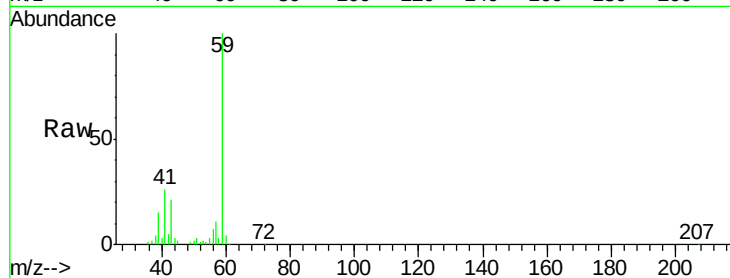
Tert butyl alcohol
 Concen: 233.406 ug/l
 RT: 4.75 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VN064623.D
 Acq: 13 Nov 2020 11:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	59	57	Ratio	100	11.3	Resp	Lower	Upper
138497								
							9.0	13.4

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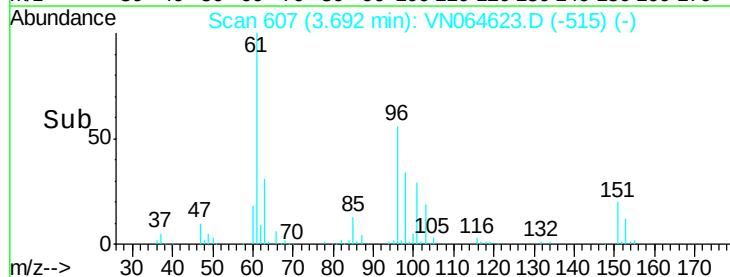
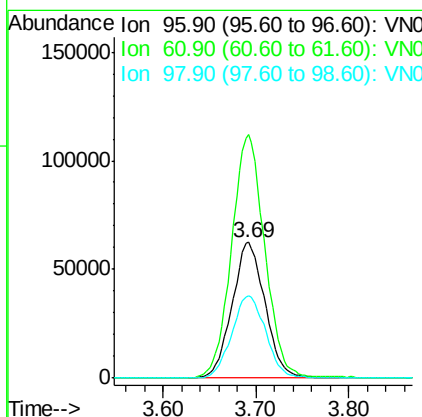
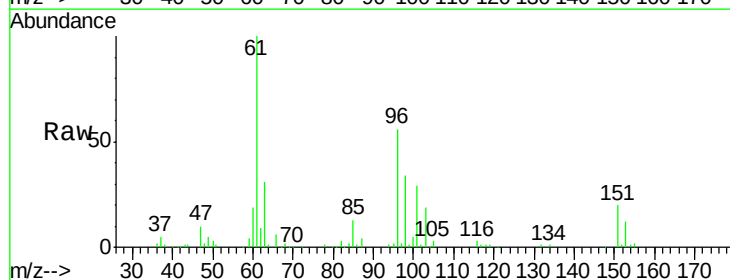
MMDadoda
 11/17/2020 6:41:24 PM

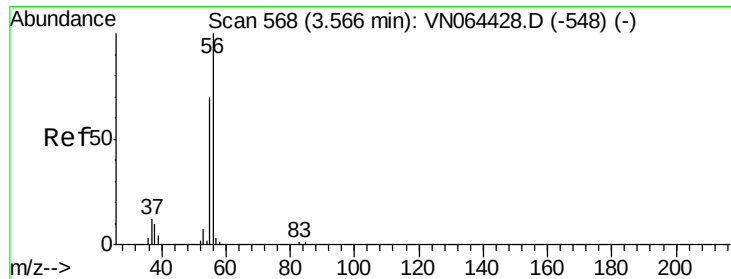


#12

1,1-Dichloroethene
 Concen: 46.628 ug/l
 RT: 3.69 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: VN064623.D
 Acq: 13 Nov 2020 11:04

Tgt Ion	96	61	98	Ratio	100	179.6	61.0	Resp	Lower	Upper
154044										





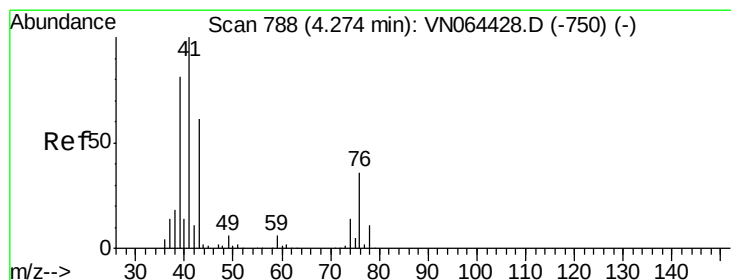
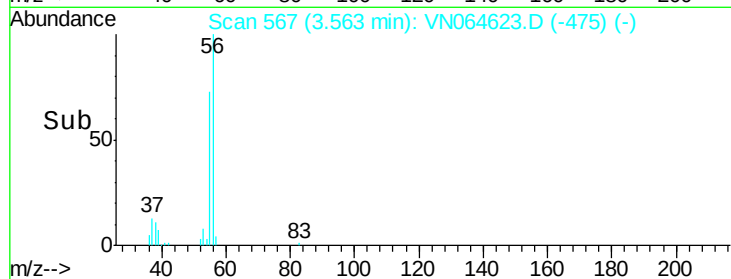
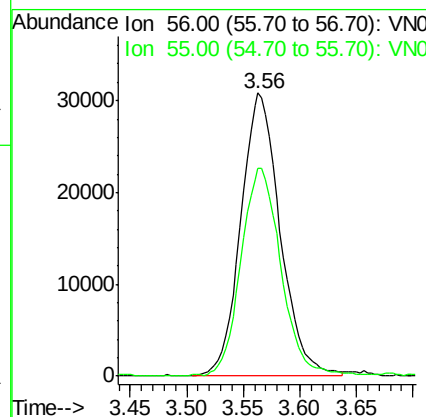
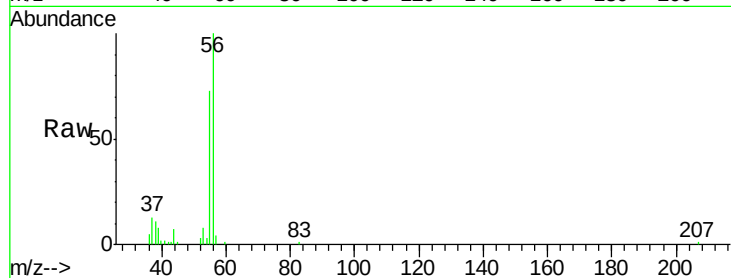
#13
Acrolein
Concen: 202.906 ug/l
RT: 3.56 min Scan# 567
Delta R.T. -0.00 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	56	Resp	74682
Ion Ratio	Lower	Upper	
56	100		
55	74.8	55.9	83.9

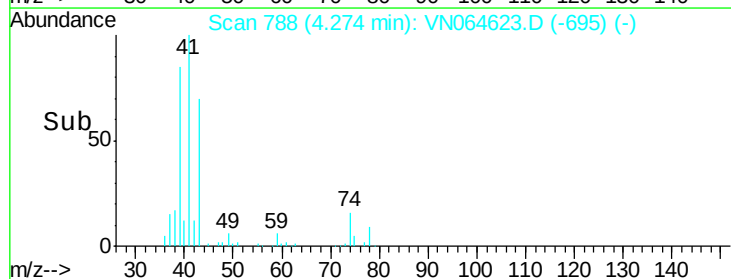
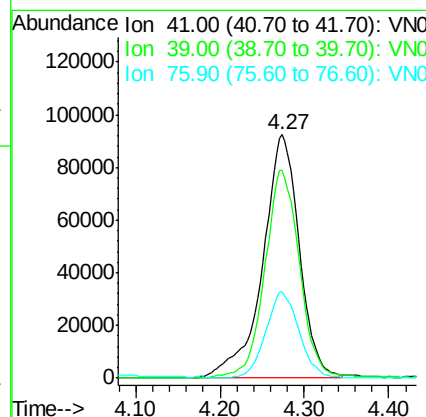
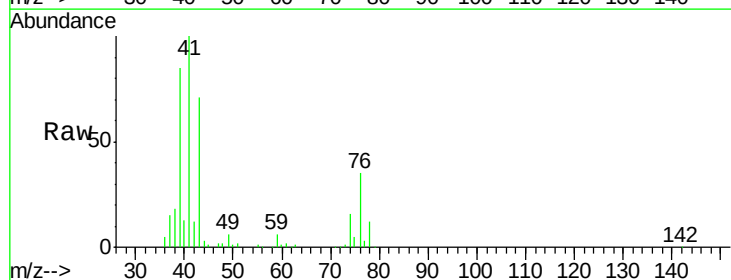
Manual Integrations
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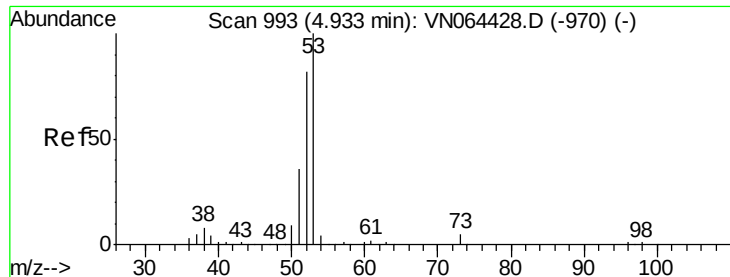
MMDadoda
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#14
Allyl chloride
Concen: 43.202 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

Tgt Ion	41	Resp	279198
Ion Ratio	Lower	Upper	
41	100		
39	81.6	61.8	92.8
76	31.5	25.4	38.0





#15

Acrylonitrile

Concen: 253.239 ug/l

RT: 4.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

Instrument :

MSVOA_N

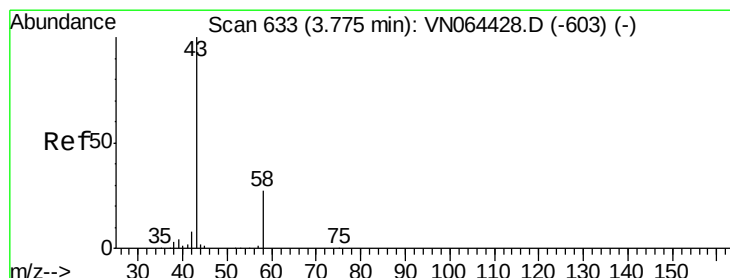
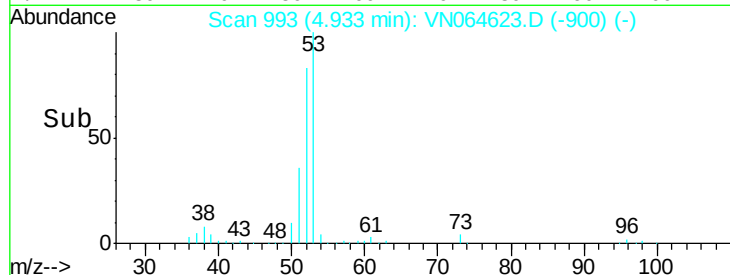
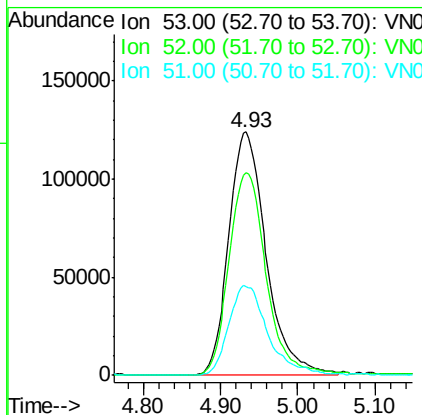
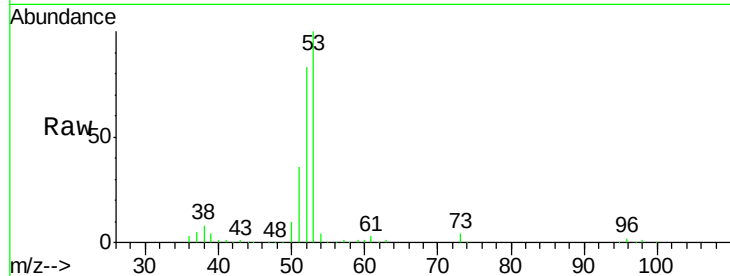
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	418357
Ion	Ratio	Lower	Upper
53	100		
52	83.0	65.6	98.4
51	38.7	29.9	44.9

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#16

Acetone

Concen: 255.855 ug/l

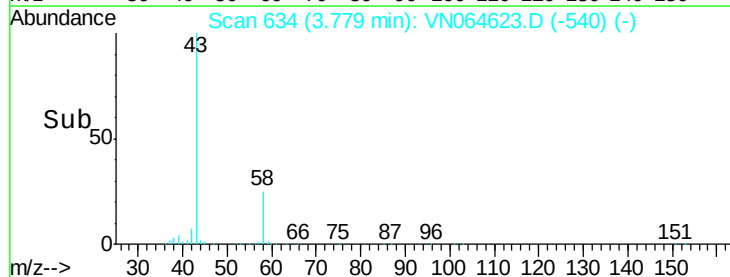
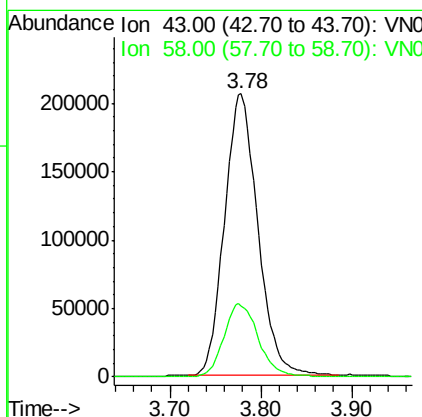
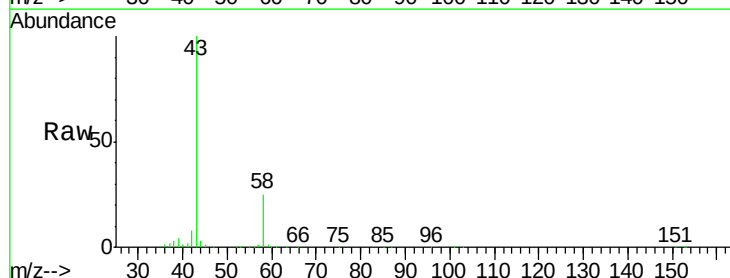
RT: 3.78 min Scan# 634

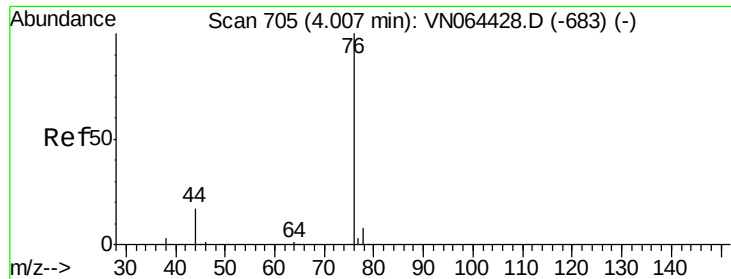
Delta R.T. 0.00 min

Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

Tgt Ion:	43	Resp:	524397
Ion	Ratio	Lower	Upper
43	100		
58	25.3	21.4	32.0





#17

Carbon Disulfide

Concen: 44.737 ug/l

RT: 4.00 min Scan# 704

Delta R.T. -0.00 min

Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 441982

Ion Ratio Lower Upper

76 100

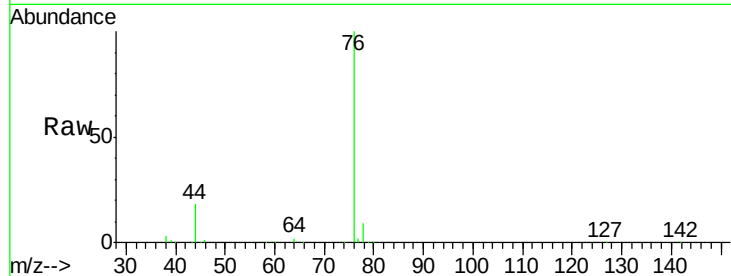
78 9.2 6.8 10.2

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.00

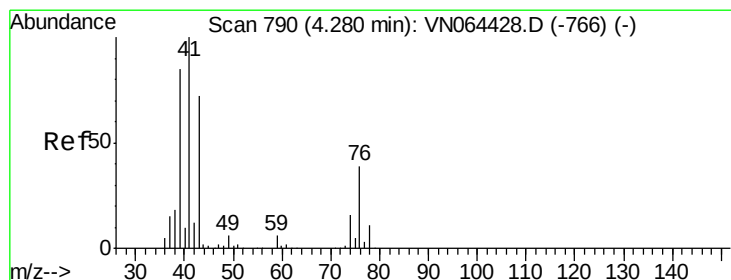
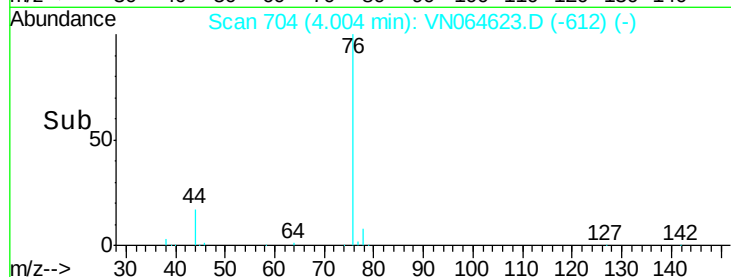
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 50.280 ug/l

RT: 4.28 min Scan# 790

Delta R.T. -0.00 min

Lab File: VN064623.D

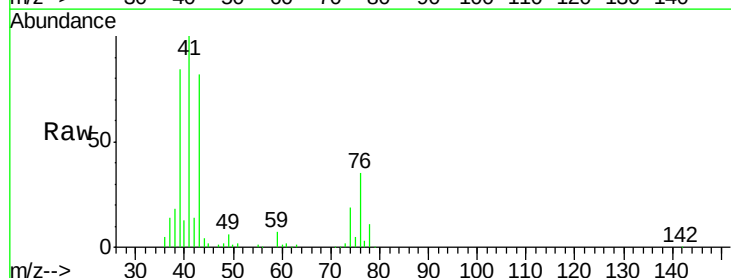
Acq: 13 Nov 2020 11:04

Tgt Ion: 43 Resp: 202600

Ion Ratio Lower Upper

43 100

74 21.8 17.0 25.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.28

80000

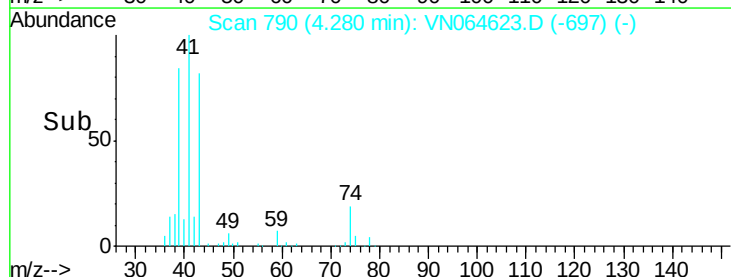
60000

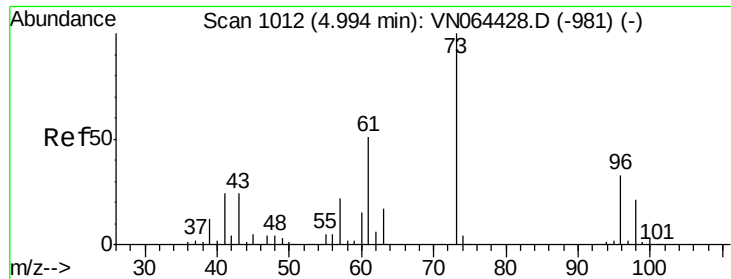
40000

20000

0

Time-->





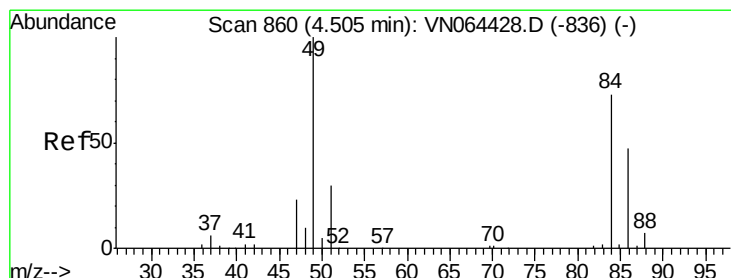
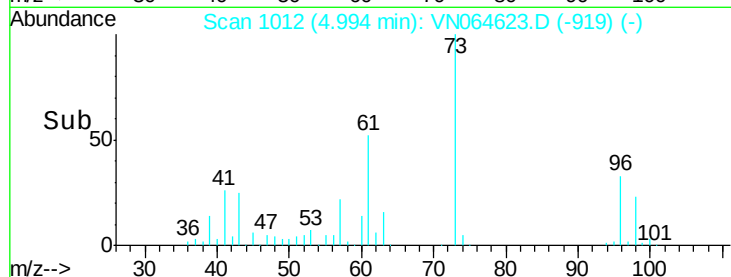
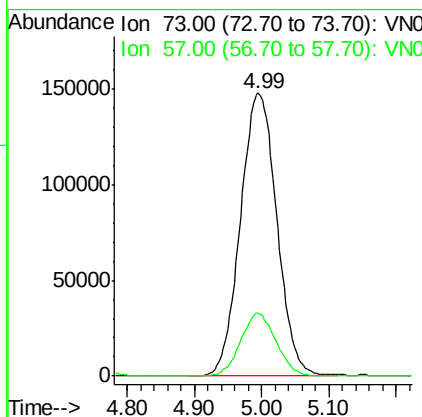
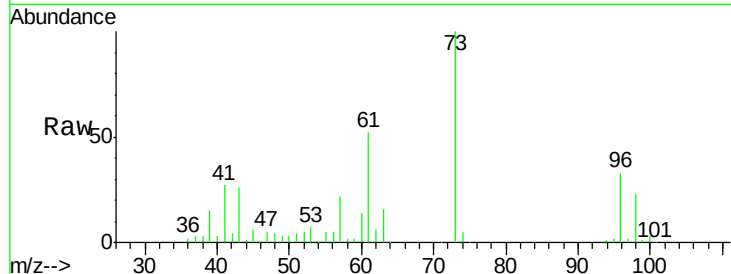
#19
Methvl tert-butyl Ether
Concen: 46.677 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 555002
Ion Ratio Lower Upper
73 100
57 22.5 17.7 26.5

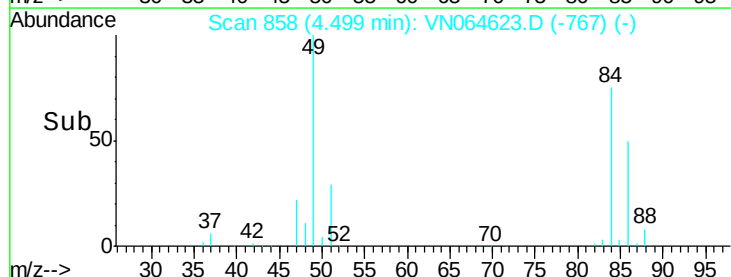
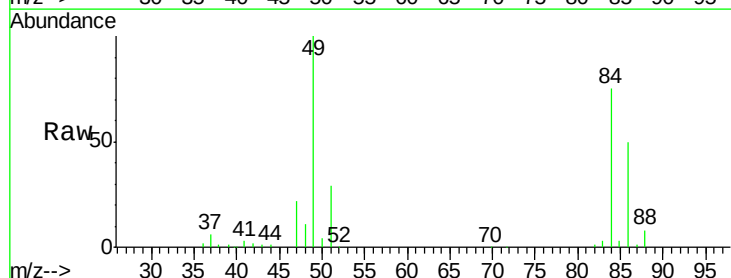
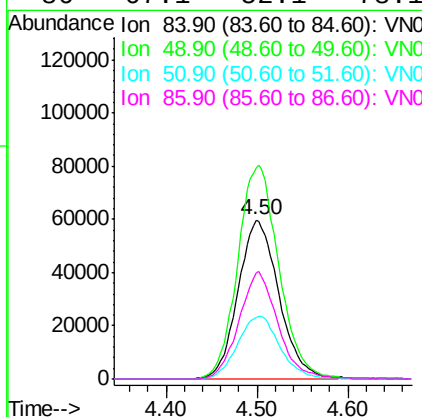
Manual Integrations
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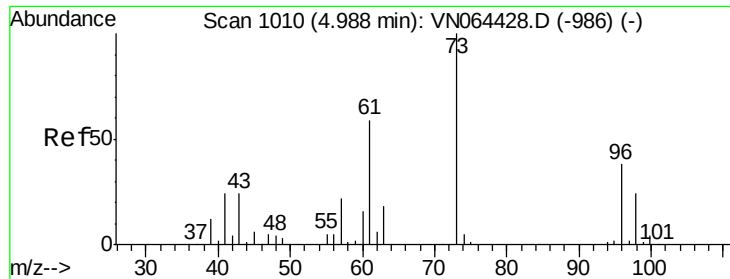
MMDadoda
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#20
Methylene Chloride
Concen: 45.748 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.01 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

Tgt Ion: 84 Resp: 186036
Ion Ratio Lower Upper
84 100
49 133.1 110.1 165.1
51 39.1 33.6 50.4
86 67.1 52.1 78.1





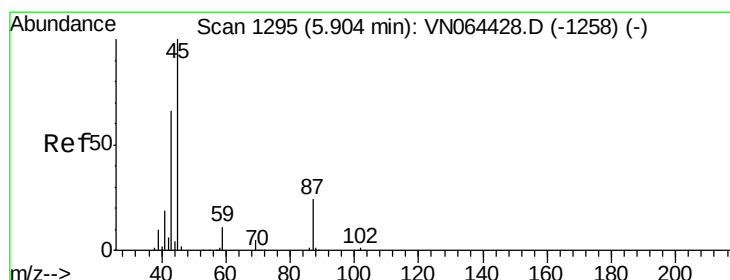
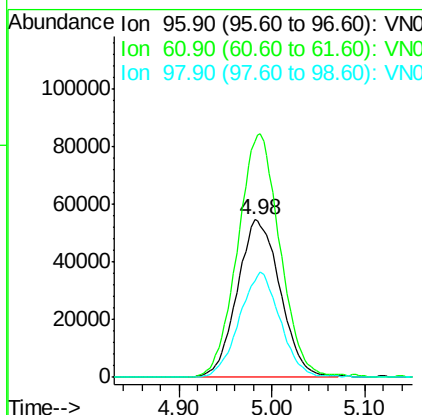
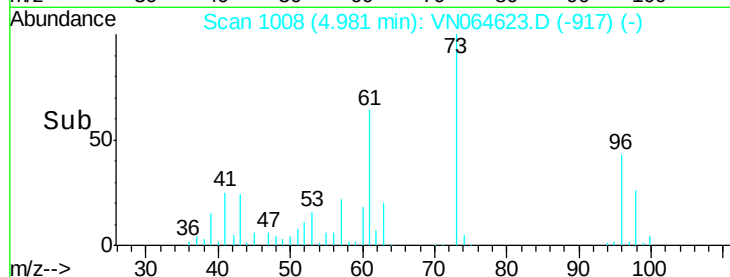
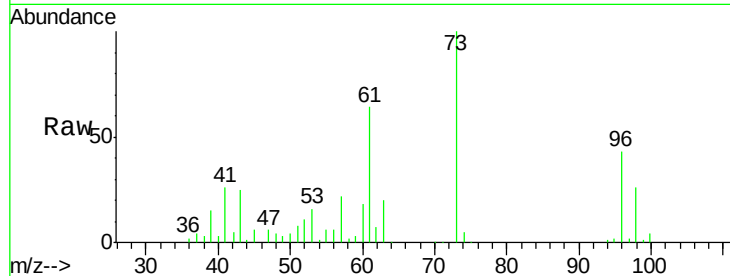
#21
trans-1,2-Dichloroethene
Concen: 46.927 ug/l
RT: 4.98 min Scan# 1008
Delta R.T. -0.01 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	149.5	122.4	183.6
98	60.8	50.4	75.6

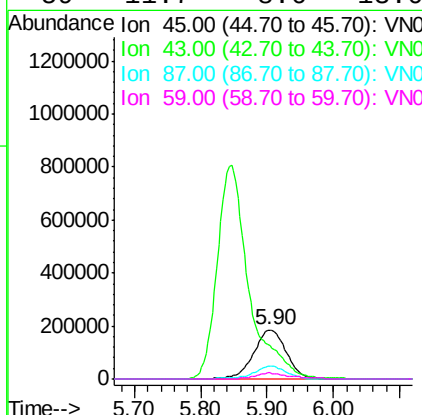
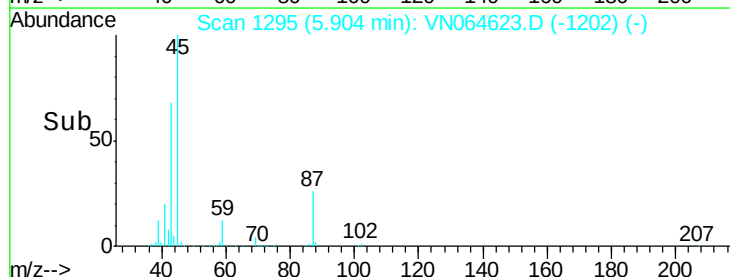
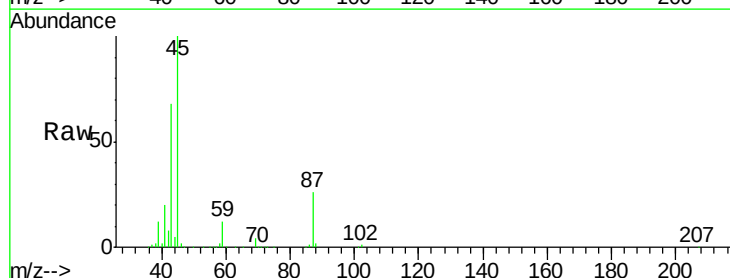
Manual Integrations
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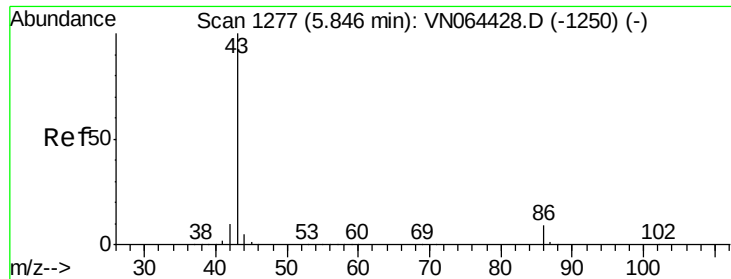
MMDadoda
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#22
Diisopropyl ether
Concen: 46.232 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

Tgt Ion	Ratio	Lower	Upper
45	100		
43	66.9	53.2	79.8
87	25.6	19.9	29.9
59	11.7	8.6	13.0





#23

Vinyl Acetate

Concen: 240.194 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2680563

Ion Ratio Lower Upper

43 100

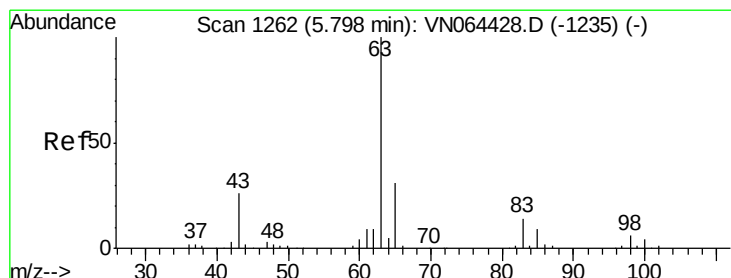
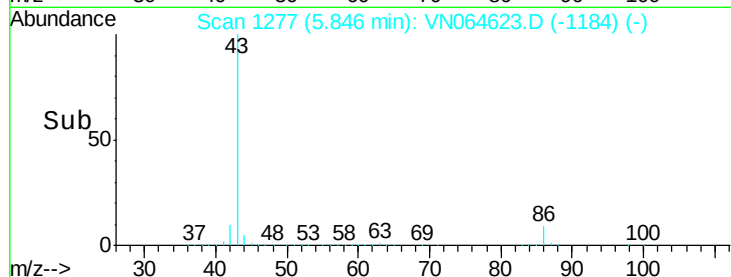
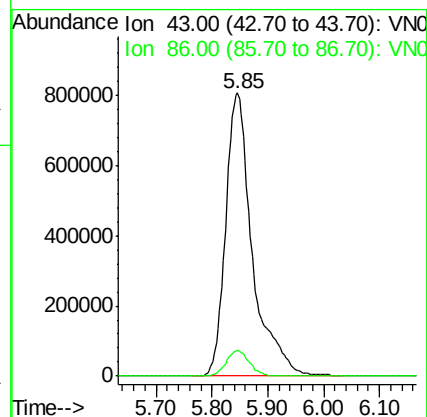
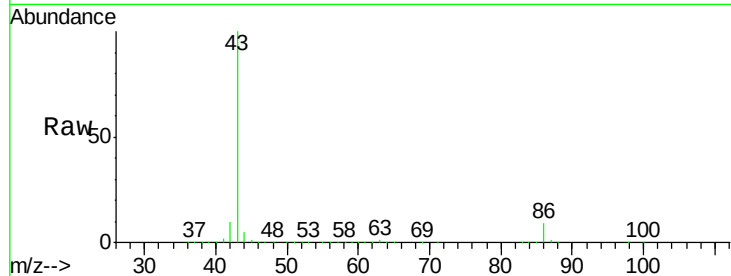
86 9.1 6.8 10.2

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 46.781 ug/l

RT: 5.79 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

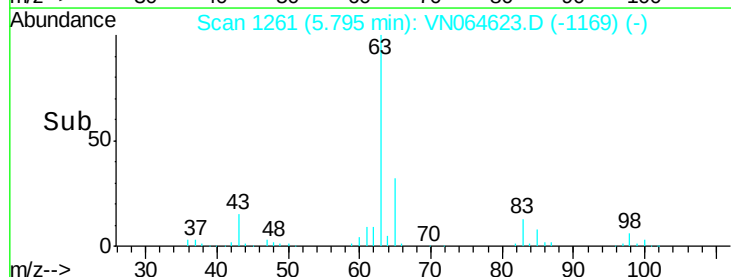
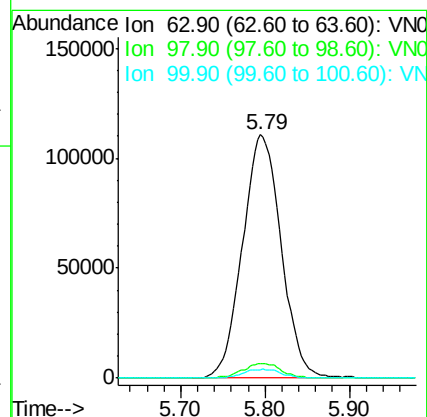
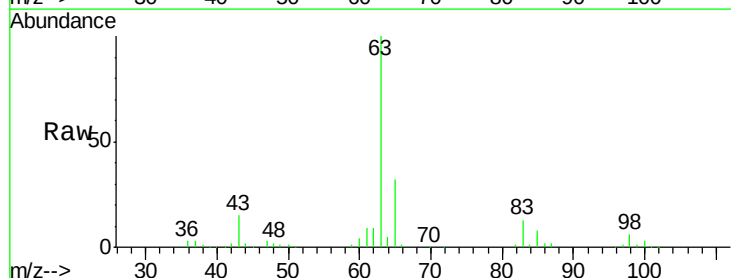
Tgt Ion: 63 Resp: 352656

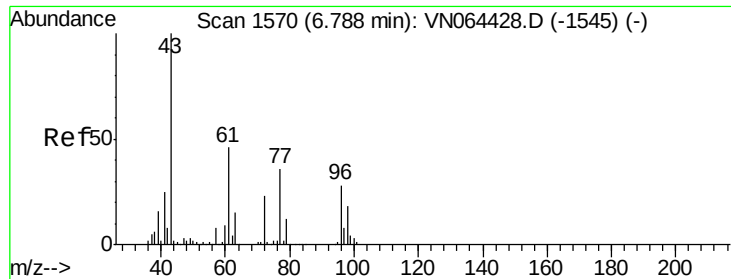
Ion Ratio Lower Upper

63 100

98 6.1 3.0 9.2

100 3.4 1.8 5.3





#25

2-Butanone

Concen: 258.618 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 675372

Ion Ratio Lower Upper

43 100

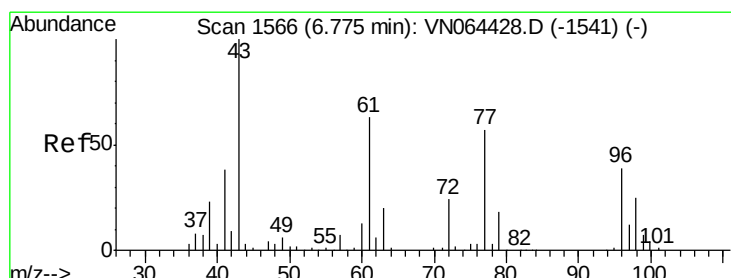
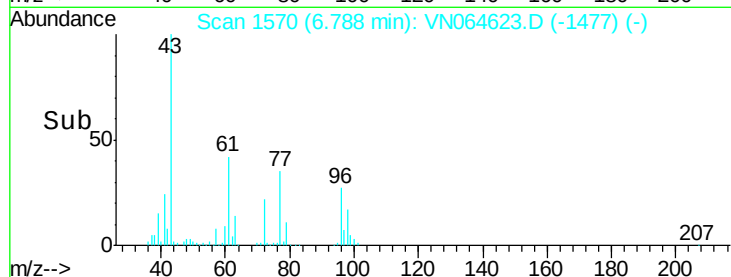
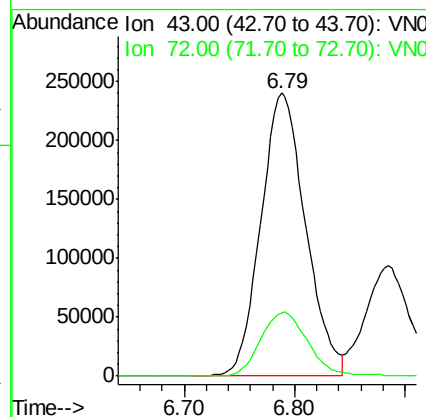
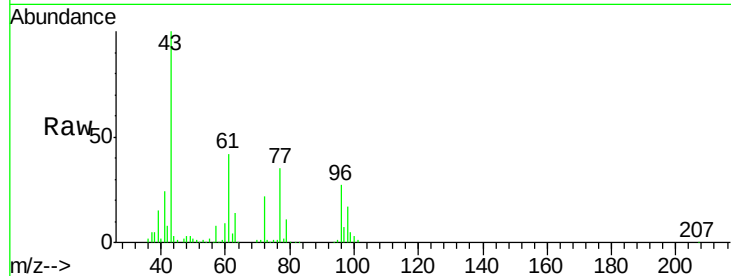
72 22.5 18.5 27.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 47.207 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN064623.D

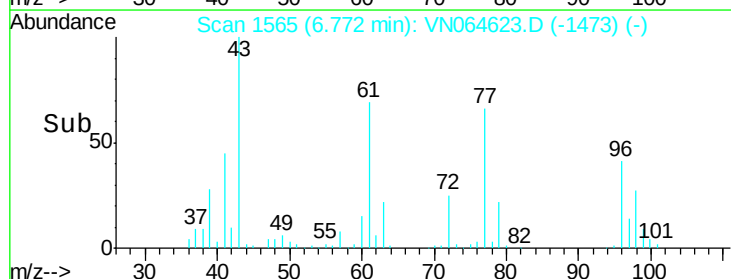
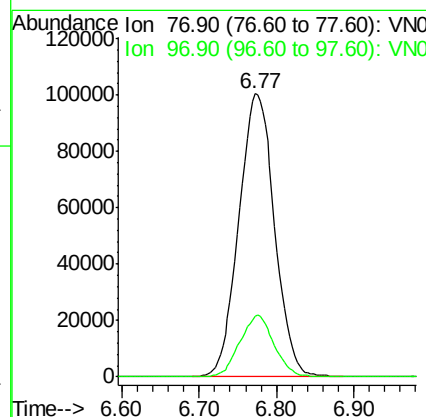
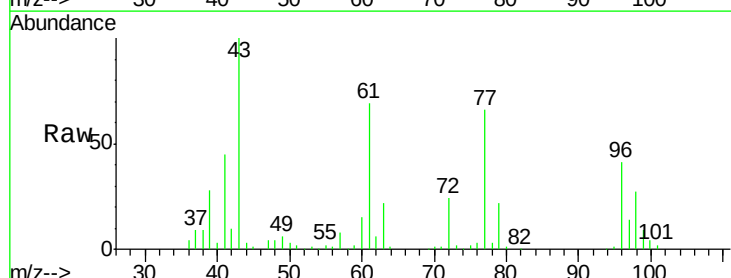
Acq: 13 Nov 2020 11:04

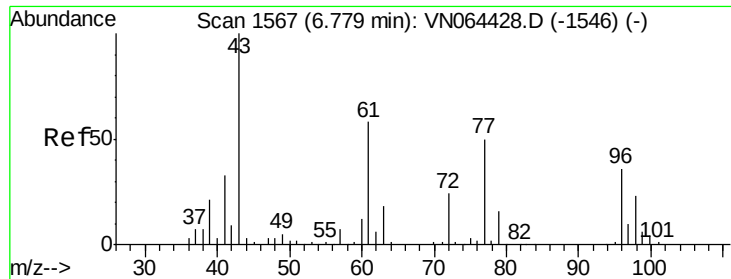
Tgt Ion: 77 Resp: 322144

Ion Ratio Lower Upper

77 100

97 20.9 10.2 30.6





#27

cis-1,2-Dichloroethene

Concen: 46.719 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

Instrument :

MSVOA_N

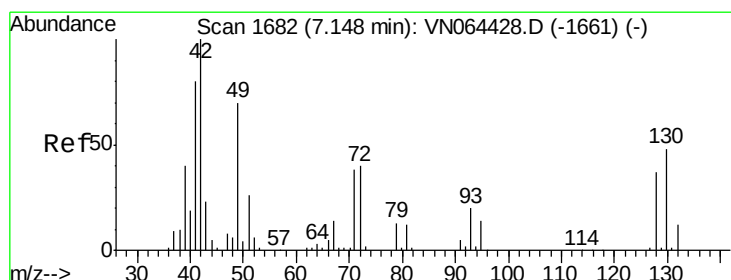
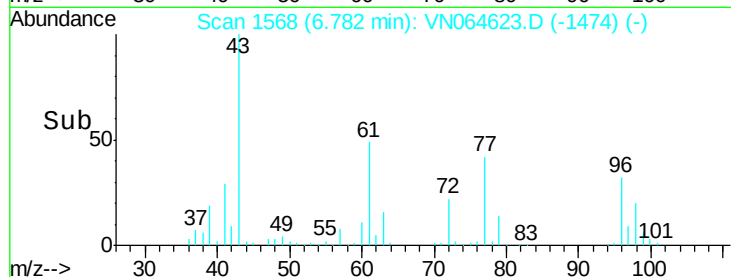
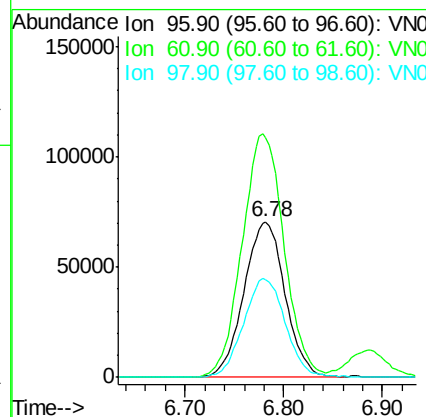
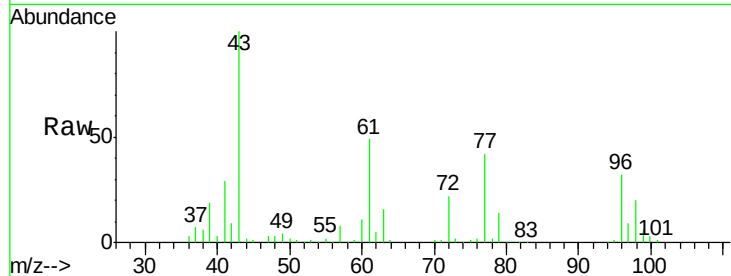
ClientSampleId :

VSTDCCC050

Tot Ion	96	Resp	203064
Ion	Ratio	Lower	Upper
96	100		
61	159.7	0.0	329.6
98	64.4	0.0	131.2

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#28

Bromochloromethane

Concen: 46.189 ug/l

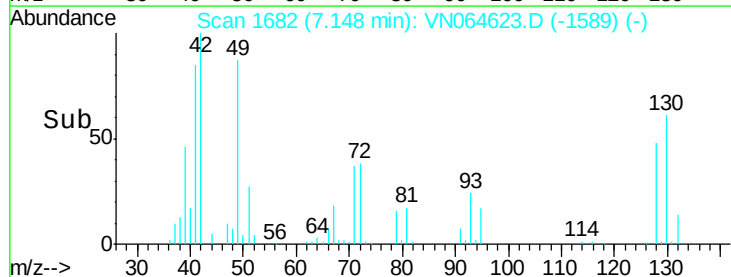
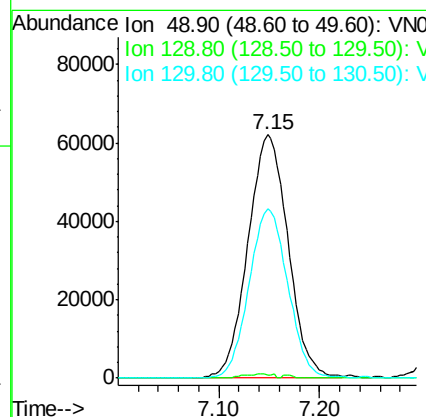
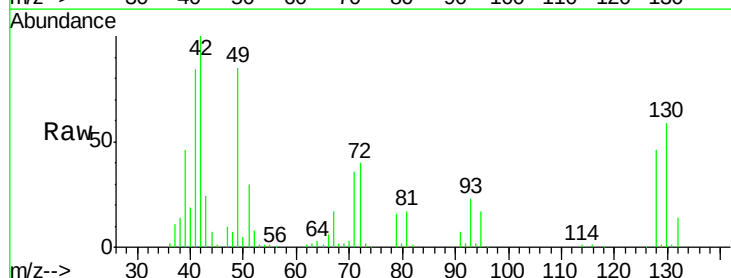
RT: 7.15 min Scan# 1682

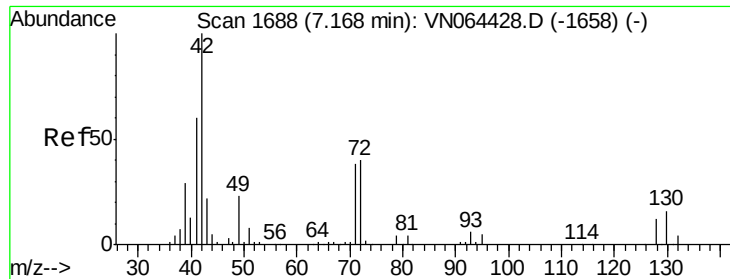
Delta R.T. -0.00 min

Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

Tgt Ion	49	Resp	171149
Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	3.6
130	67.5	54.2	81.4





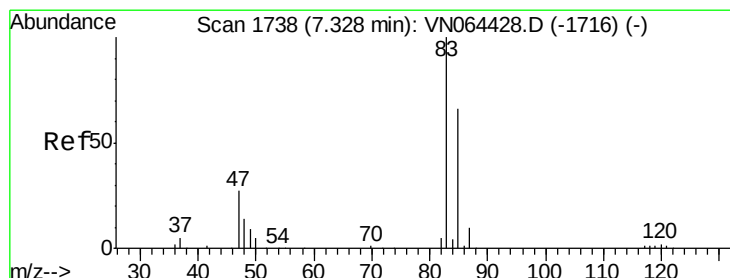
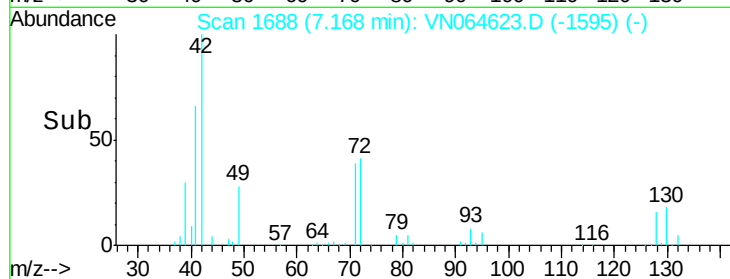
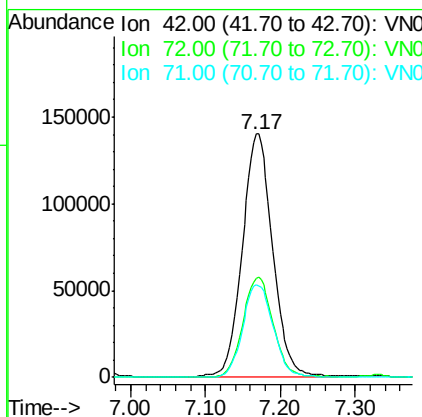
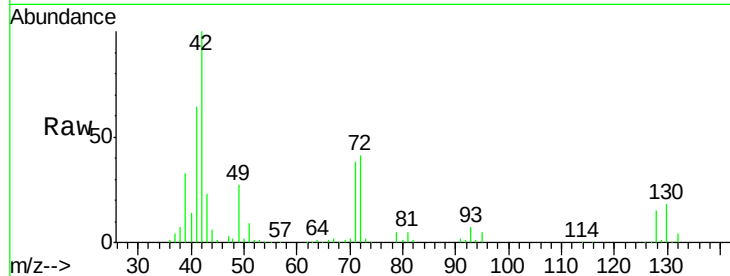
#29
Tetrahydrofuran
Concen: 246.274 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.1	31.7	47.5
71	38.5	29.8	44.6

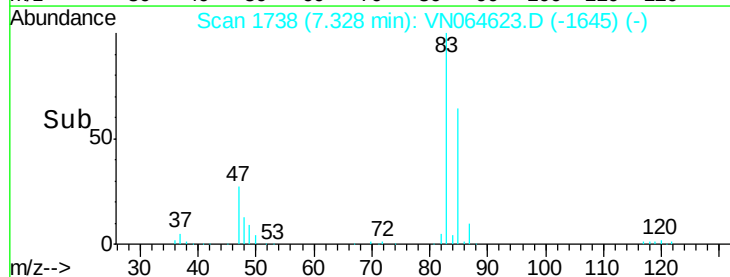
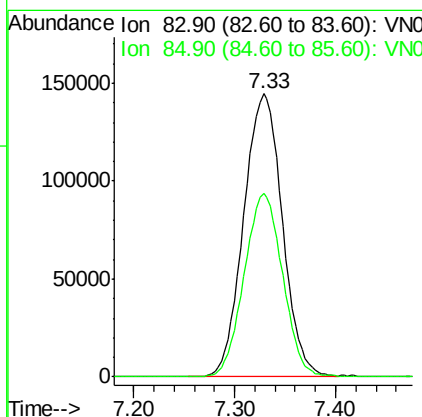
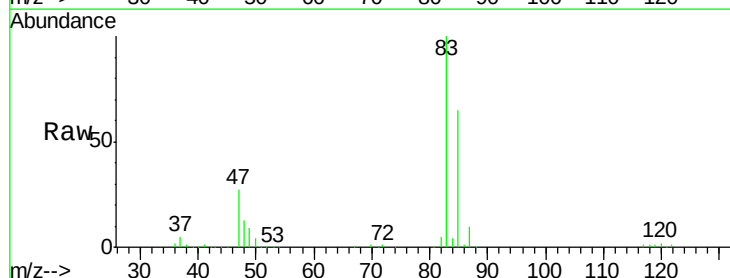
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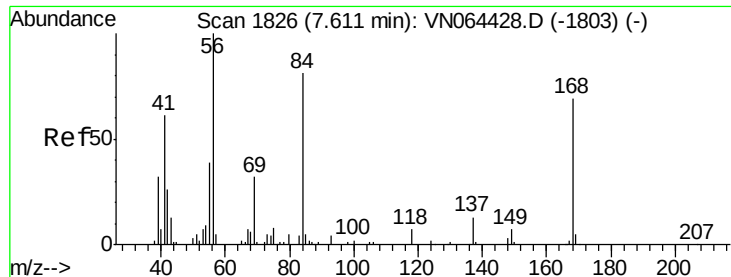
MMDadoda
11/17/2020 6:41:24 PM



#30
Chloroform
Concen: 48.570 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	52.5	78.7





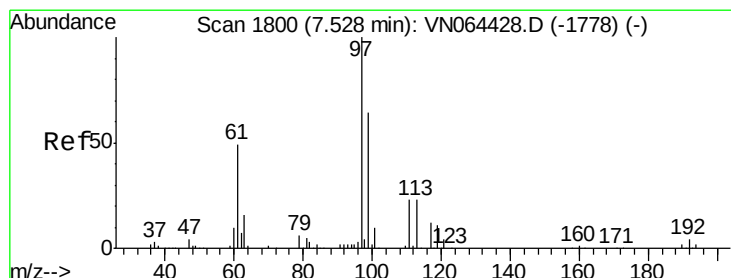
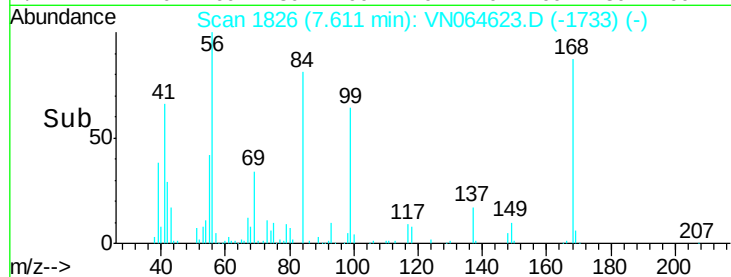
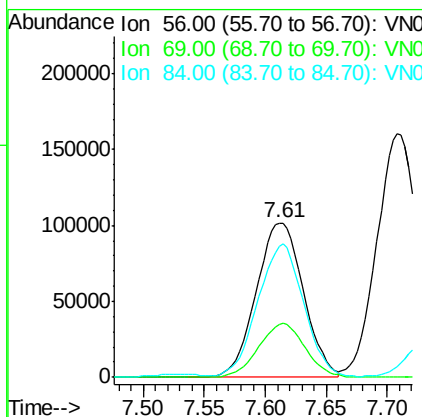
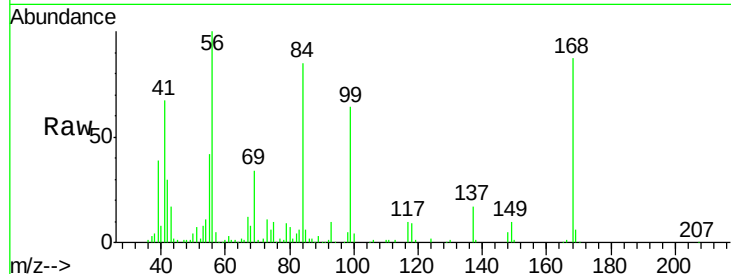
#31
Cyclohexane
Concen: 41.717 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.3	25.6	38.4
84	83.2	63.0	94.6

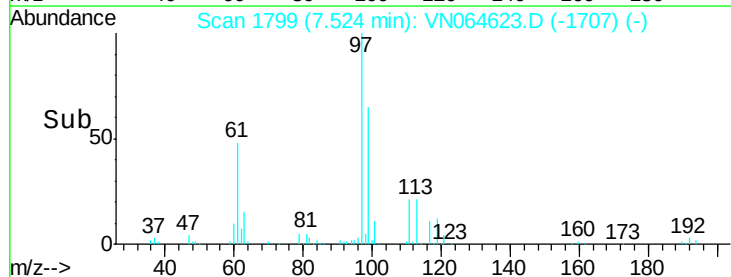
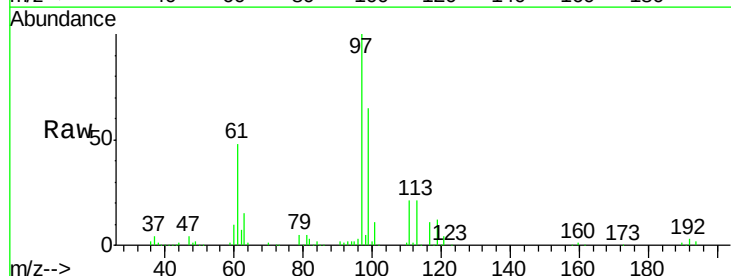
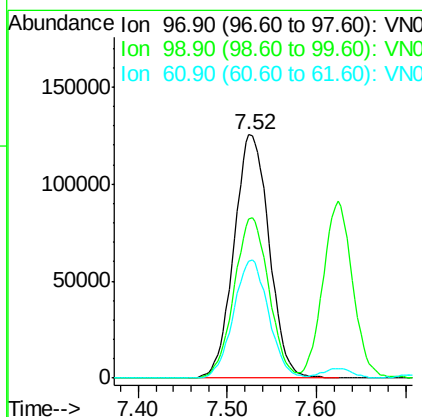
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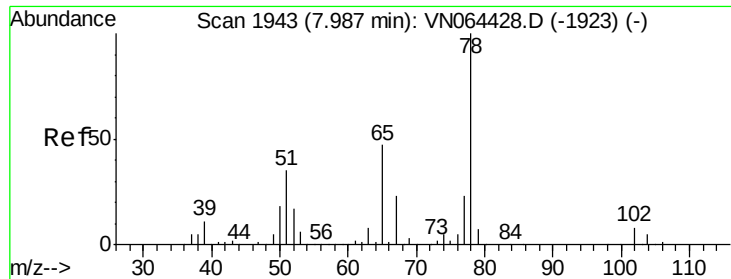
MMDadoda
11/17/2020 6:41:24 PM



#32
1,1,1-Trichloroethane
Concen: 48.649 ug/l
RT: 7.52 min Scan# 1799
Delta R.T. -0.00 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.3	76.9
61	48.4	39.1	58.7





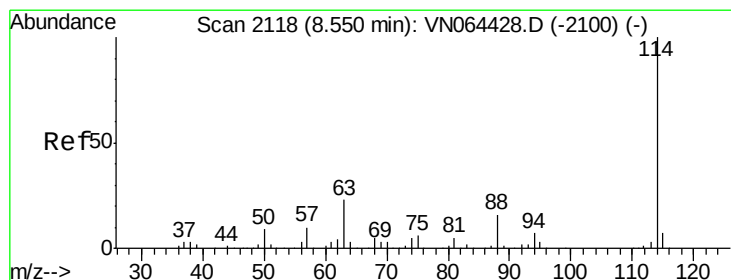
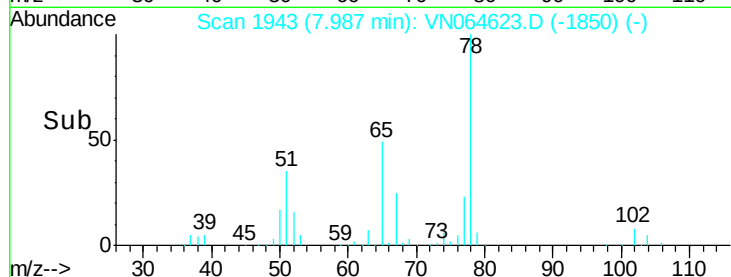
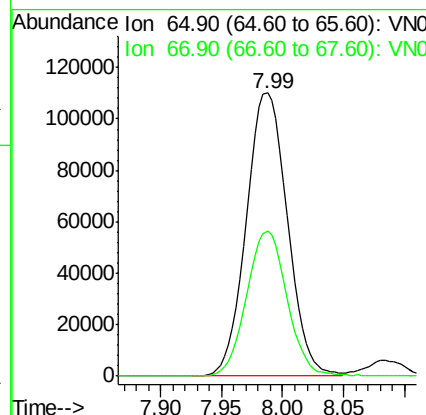
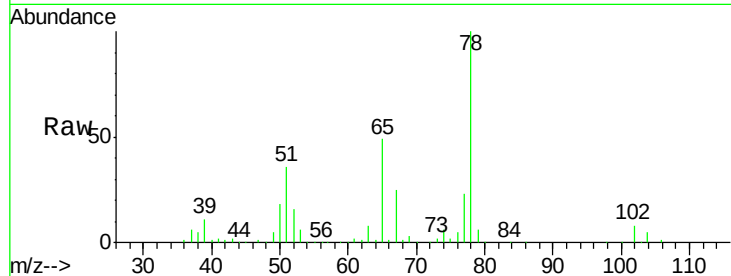
#33
 1,2-Dichloroethane-d4
 Concen: 47.817 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064623.D
 Acq: 13 Nov 2020 11:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	101.6

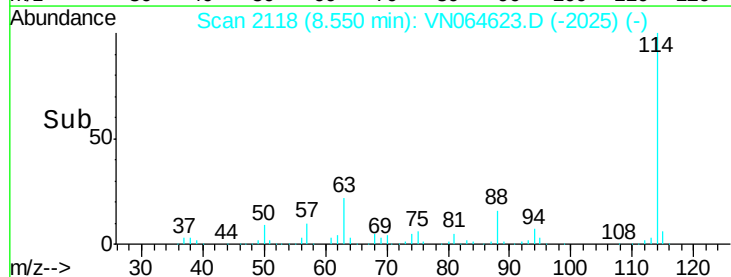
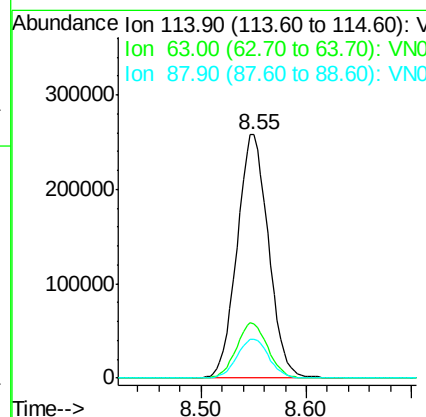
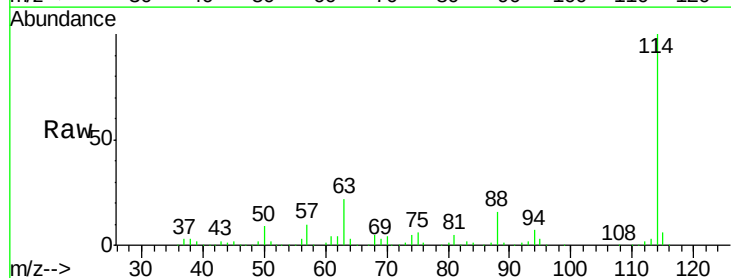
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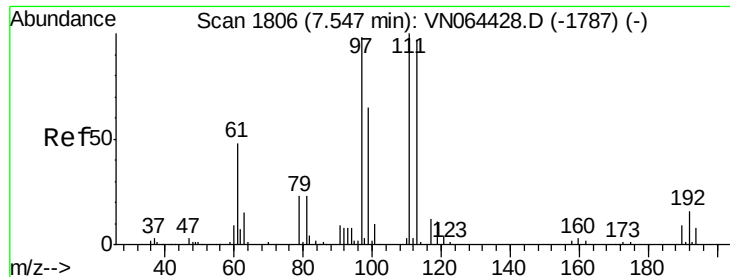
MMDadoda
 11/17/2020 6:41:24 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064623.D
 Acq: 13 Nov 2020 11:04

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	45.6
88	16.2	0.0	32.8





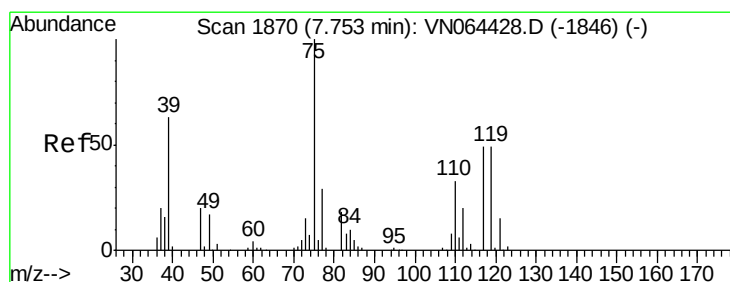
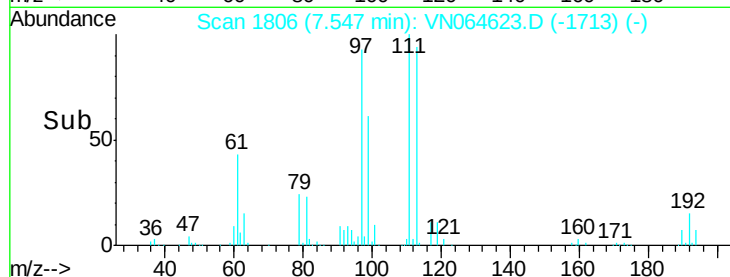
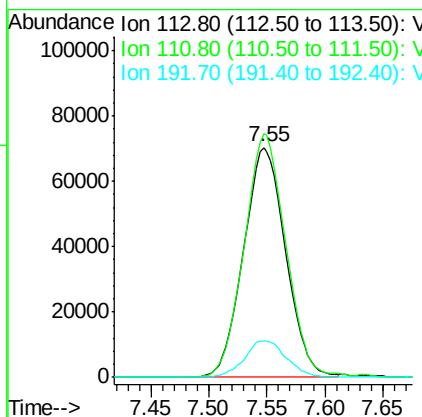
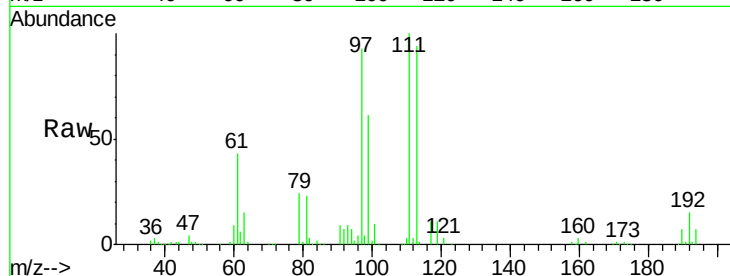
#35
 Dibromofluoromethane
 Concen: 49.011 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064623.D
 Acq: 13 Nov 2020 11:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	177755		
111	104.8	81.1	121.7	
192	15.9	12.8	19.2	

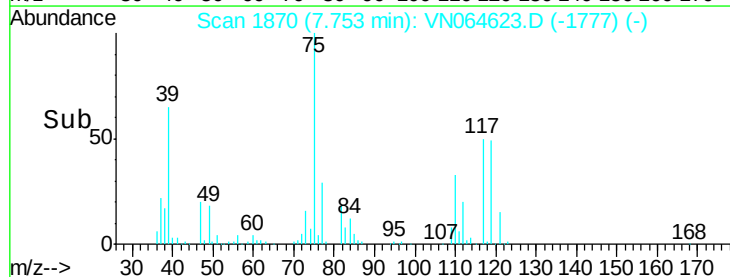
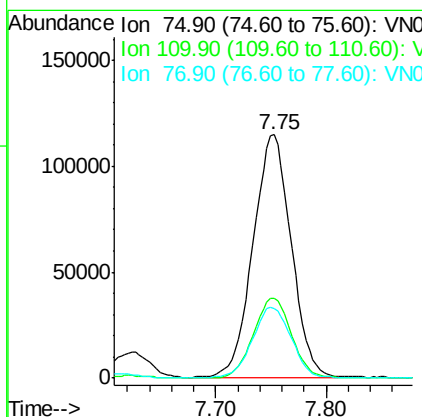
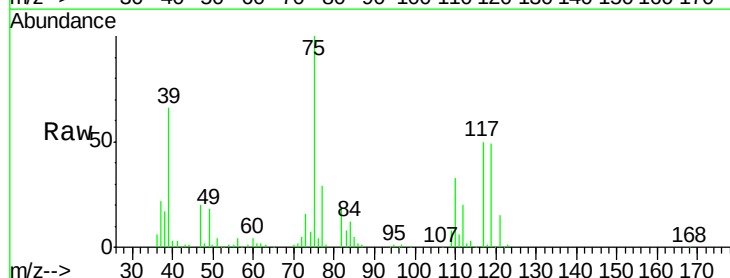
Manual Integrations
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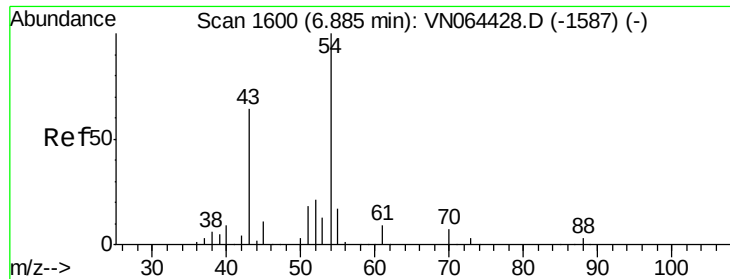
MMDadoda
 11/17/2020 6:41:24 PM



#36
 1,1-Dichloropropene
 Concen: 48.703 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN064623.D
 Acq: 13 Nov 2020 11:04

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	274074		
110	33.0	16.0	48.0	
77	30.0	24.0	36.0	





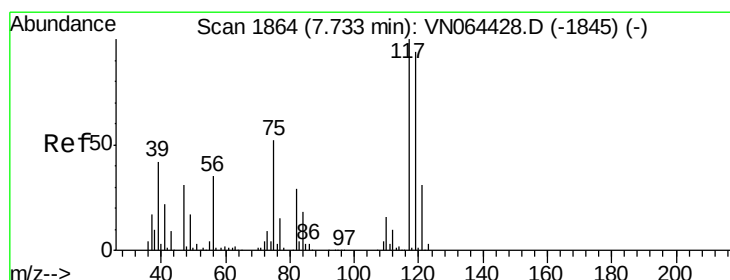
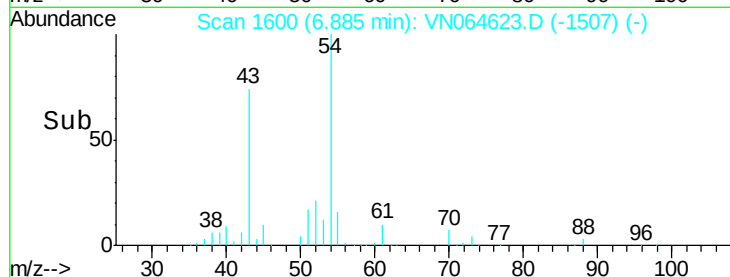
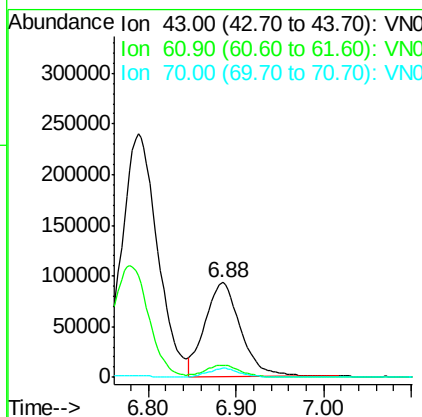
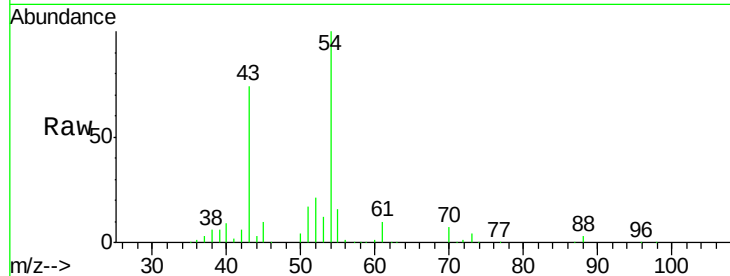
#37
Ethyl Acetate
Concen: 46.395 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.7	10.0	15.0
70	8.7	7.1	10.7

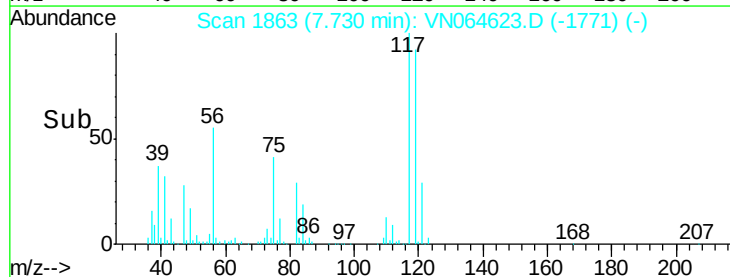
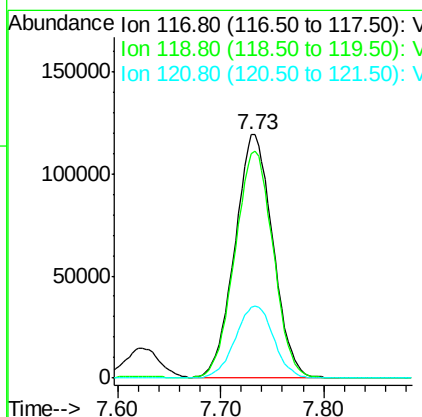
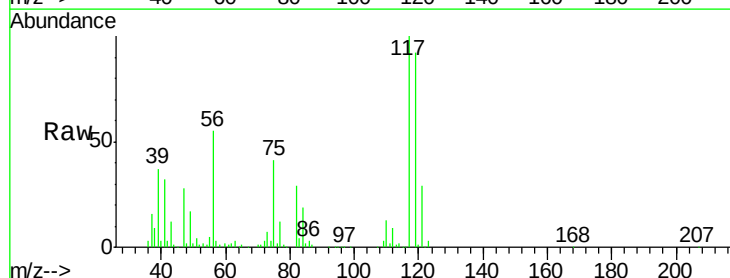
Manual Integrations
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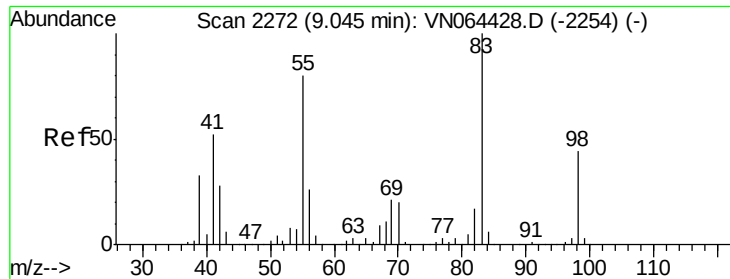
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#38
Carbon Tetrachloride
Concen: 50.577 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.0	75.5	113.3
121	29.0	24.4	36.6





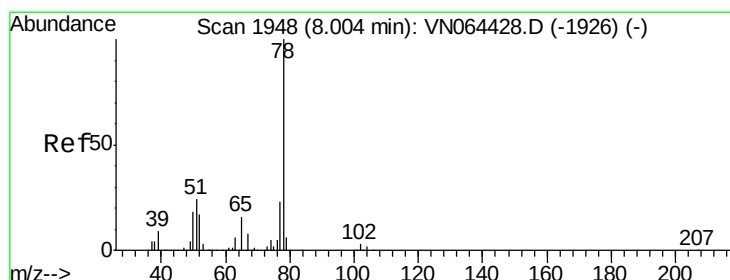
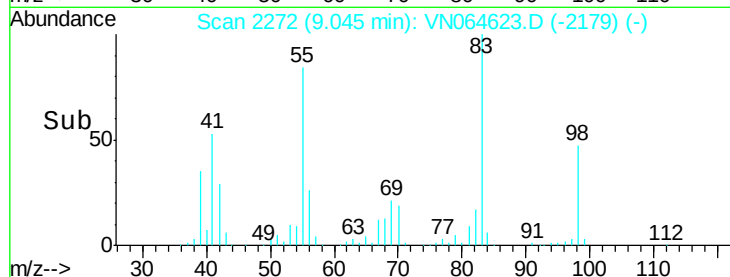
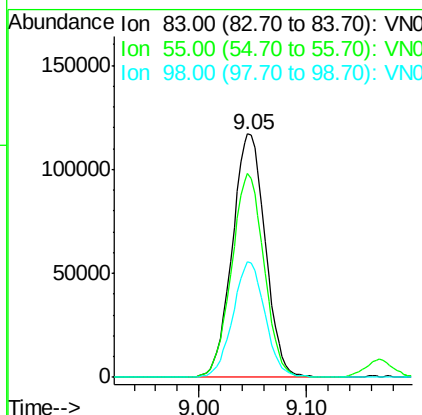
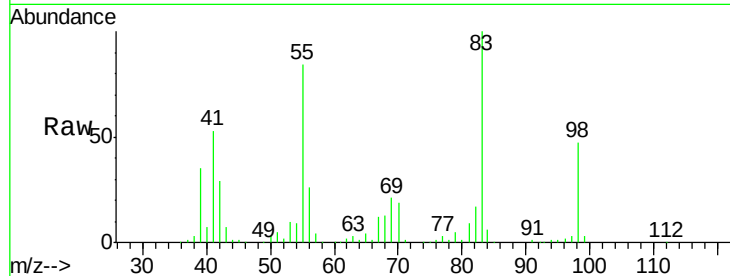
#39
Methylvlcyclohexane
Concen: 49.458 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	249497
Ion Ratio	100	Lower	Upper
83	100		
55	83.7	63.8	95.6
98	47.3	35.4	53.2

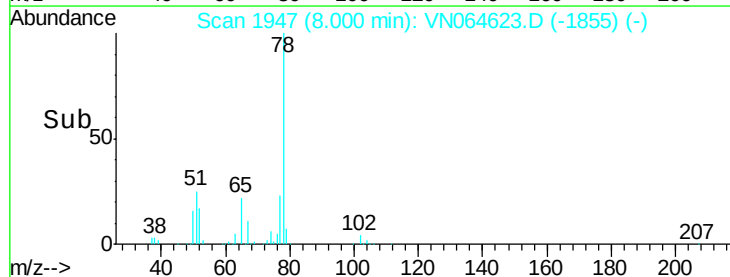
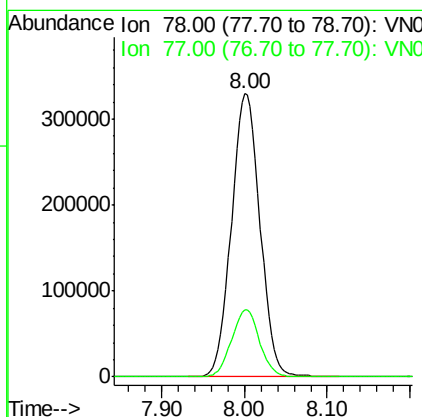
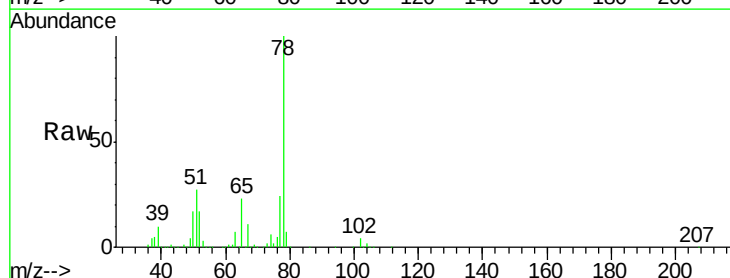
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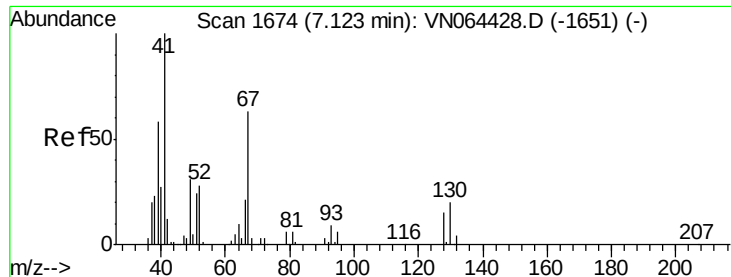
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#40
Benzene
Concen: 47.800 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

Tgt Ion	78	Resp	790426
Ion Ratio	100	Lower	Upper
78	100		
77	23.5	18.7	28.1





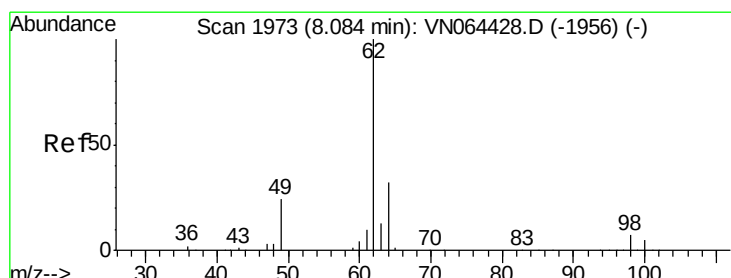
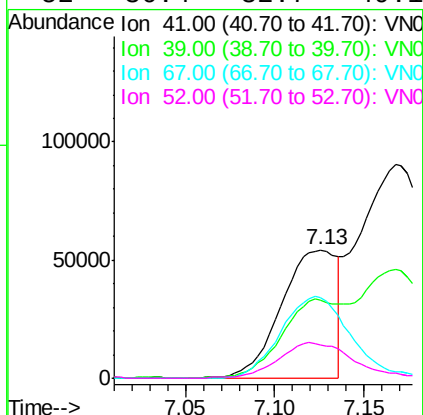
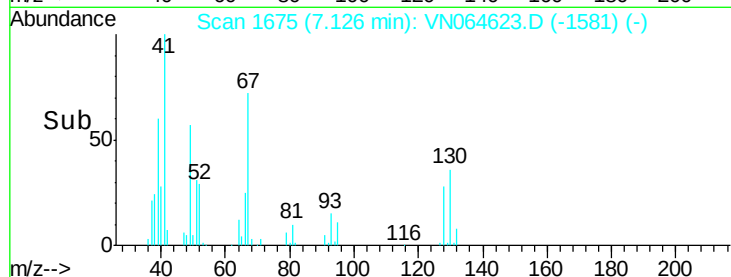
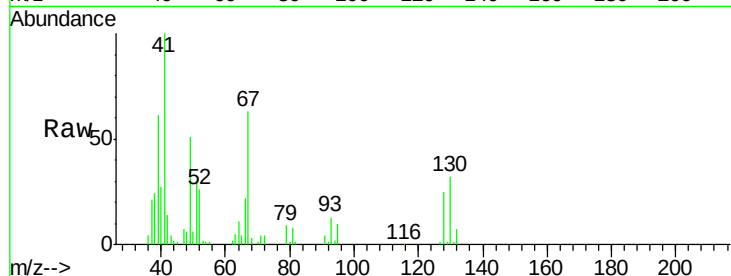
#41
Methacrylonitrile
Concen: 47.145 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. 0.00 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	59.7	50.0	75.0
67	80.5	68.3	102.5
52	36.4	32.7	49.1

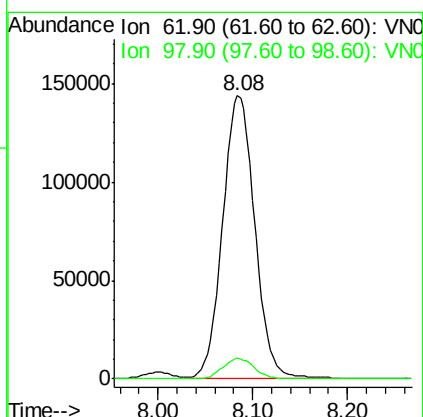
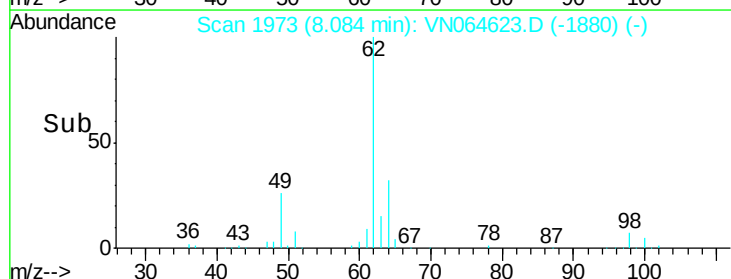
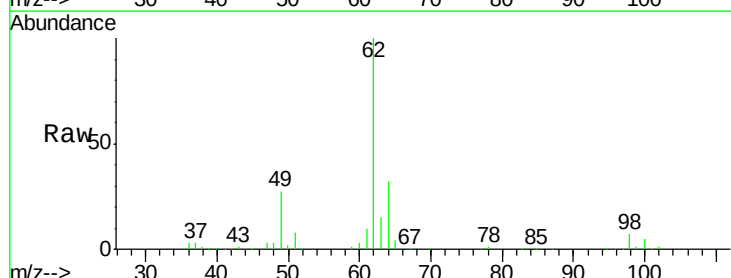
Manual Integrations
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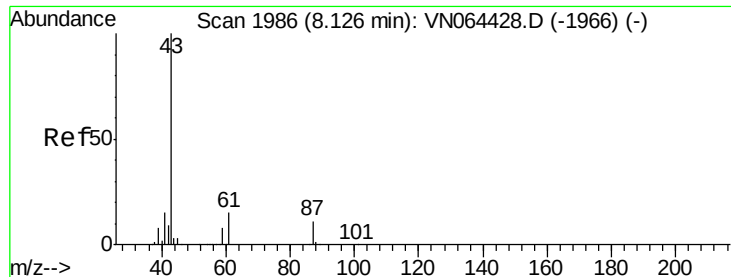
MMDadoda
11/17/2020 6:41:24 PM



#42
1,2-Dichloroethane
Concen: 50.602 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.1	0.0	14.0





#43

Isopropyl Acetate

Concen: 48.864 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

Instrument :

MSVOA_N

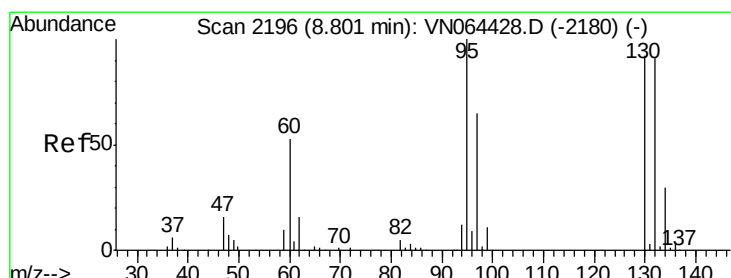
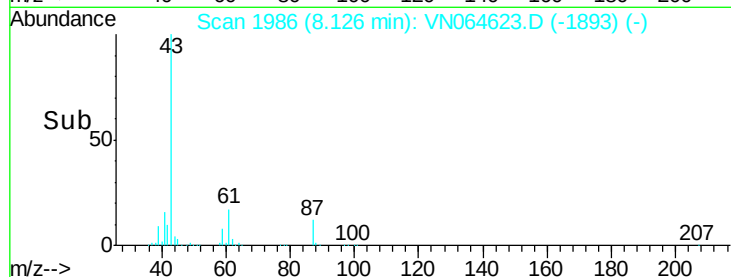
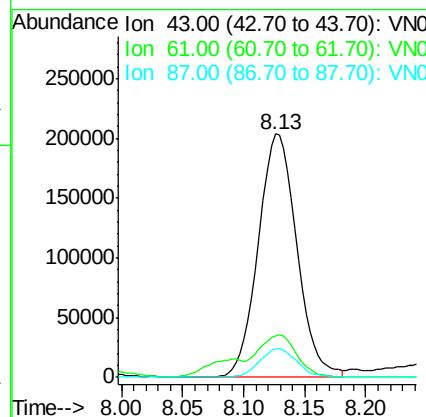
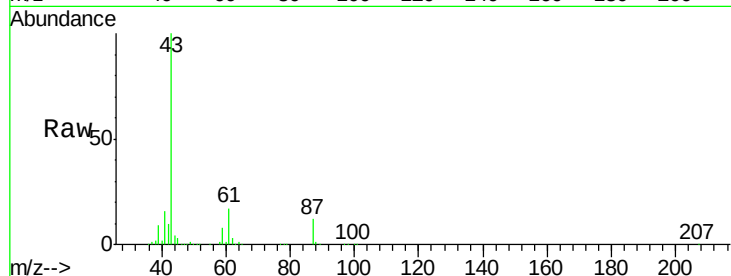
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	445626
Ion	Ratio	Lower	Upper
43	100		
61	17.4	14.0	21.0
87	11.5	9.1	13.7

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#44

Trichloroethene

Concen: 48.226 ug/l

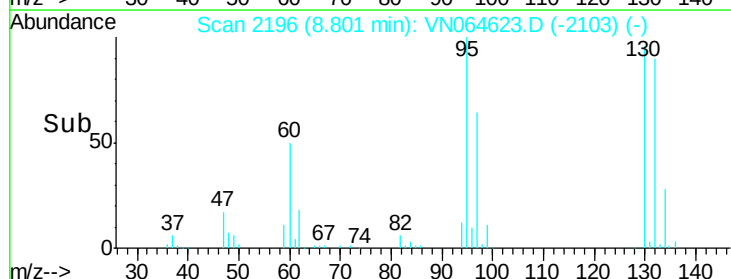
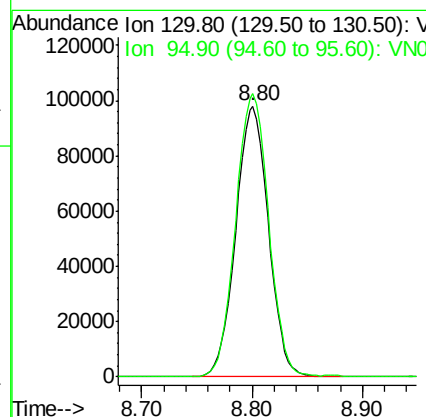
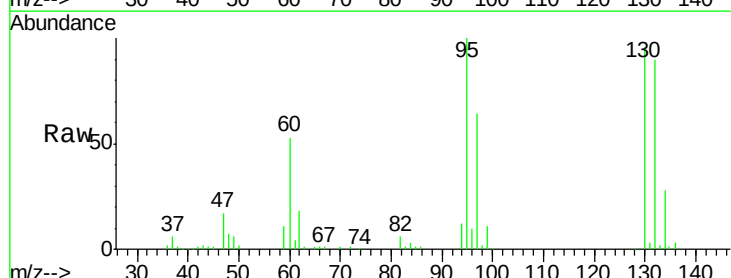
RT: 8.80 min Scan# 2196

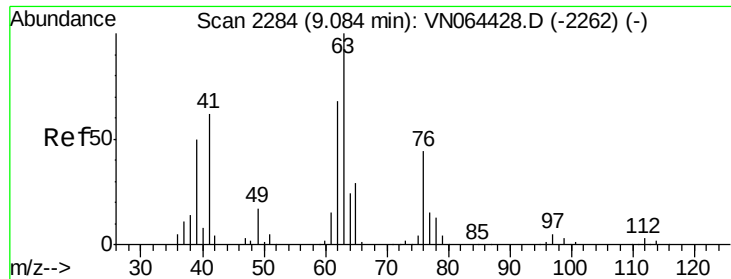
Delta R.T. -0.00 min

Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

Tgt Ion:	130	Resp:	201201
Ion	Ratio	Lower	Upper
130	100		
95	104.5	0.0	216.8





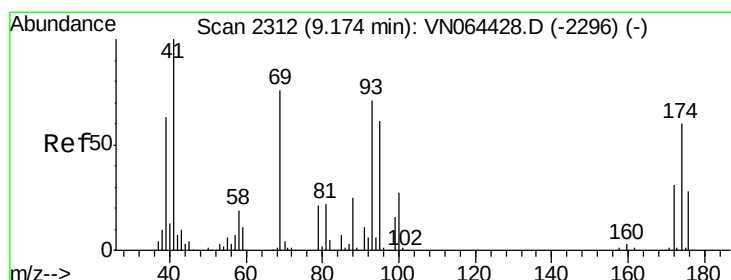
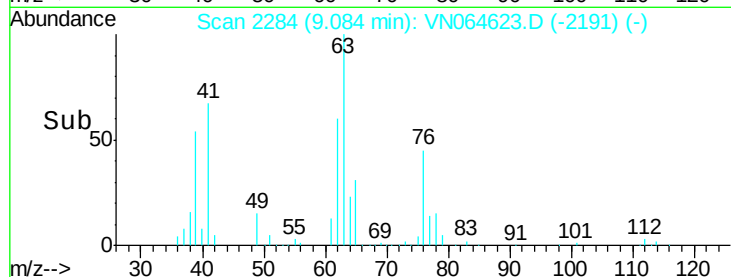
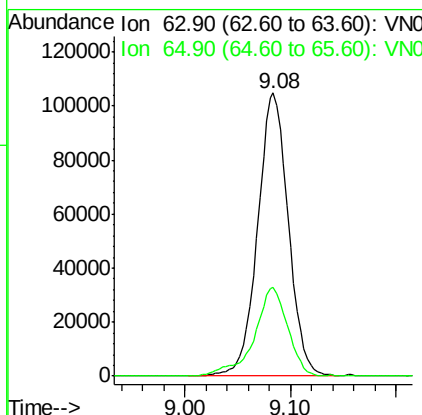
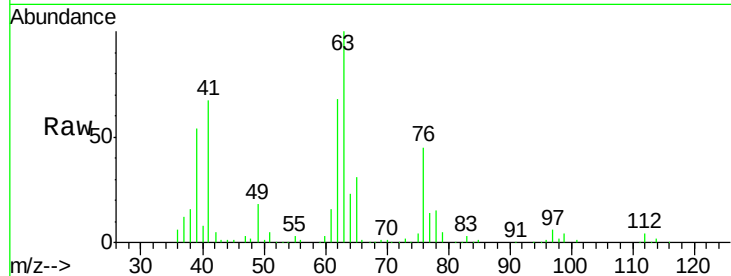
#45
 1,2-Dichloropropane
 Concen: 48.166 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064623.D
 Acq: 13 Nov 2020 11:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 212520
 Ion Ratio Lower Upper
 63 100
 65 31.4 23.6 35.4

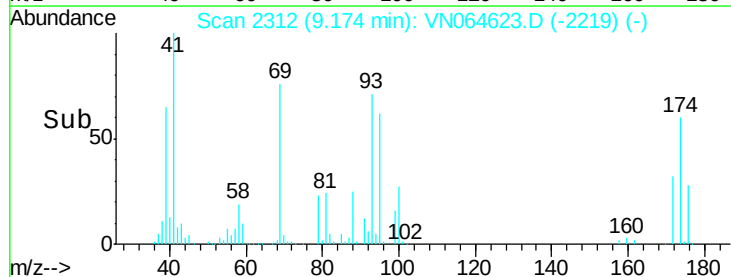
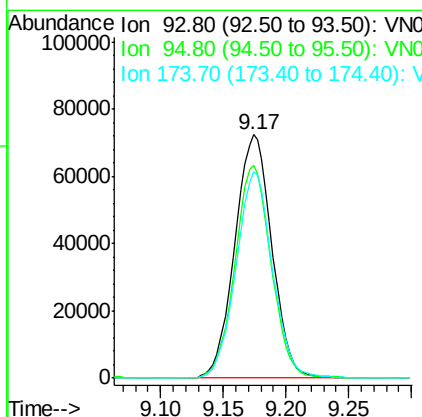
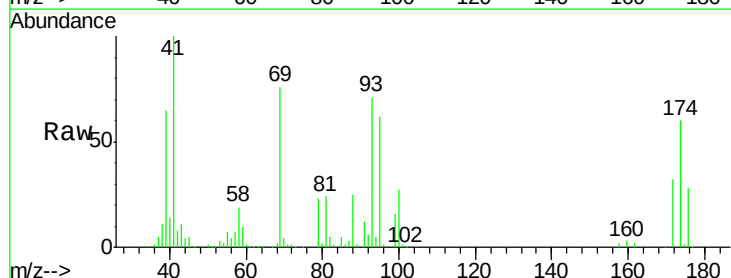
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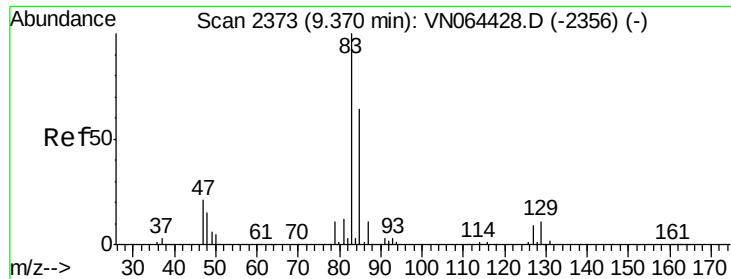
MMDadoda
 11/17/2020 6:41:24 PM



#46
 Dibromomethane
 Concen: 51.255 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN064623.D
 Acq: 13 Nov 2020 11:04

Tgt Ion: 93 Resp: 148873
 Ion Ratio Lower Upper
 93 100
 95 85.3 66.4 99.6
 174 83.5 67.2 100.8





#47

Bromodichloromethane

Concen: 51.796 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

Instrument :

MSVOA_N

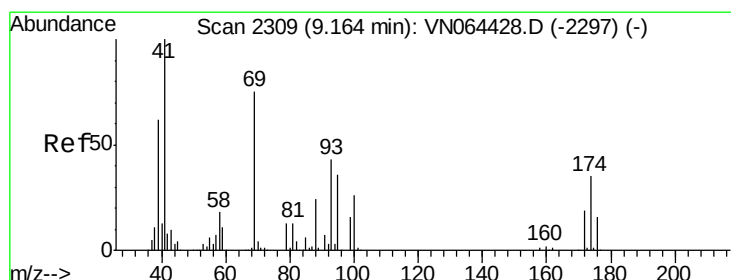
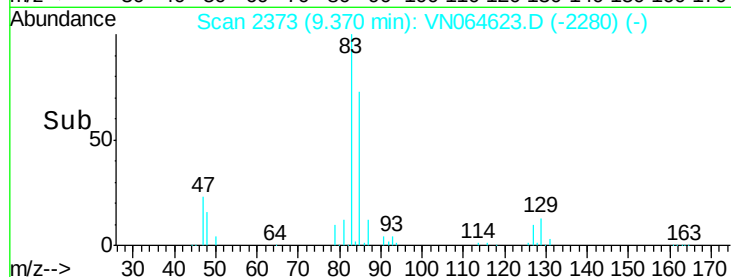
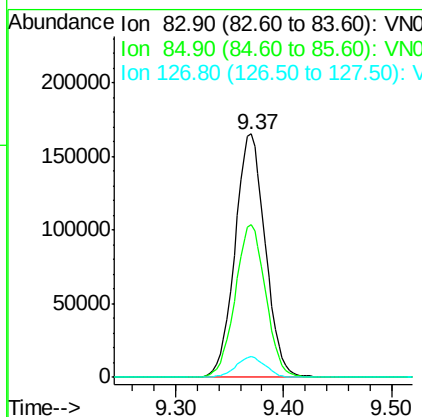
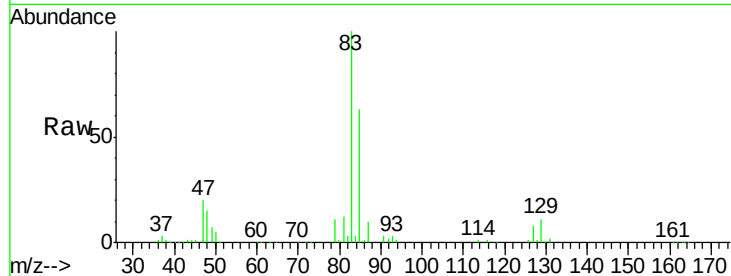
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	323485
Ion Ratio	Lower	Upper	
83	100		
85	62.9	51.2	76.8
127	8.5	6.9	10.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 50.022 ug/l

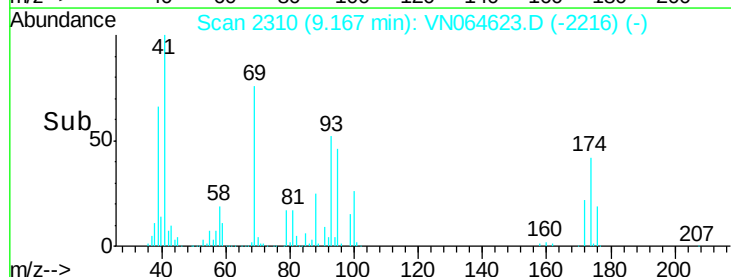
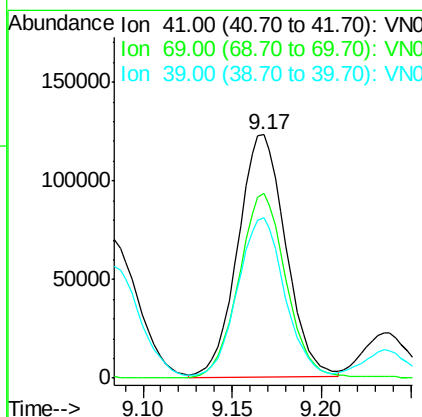
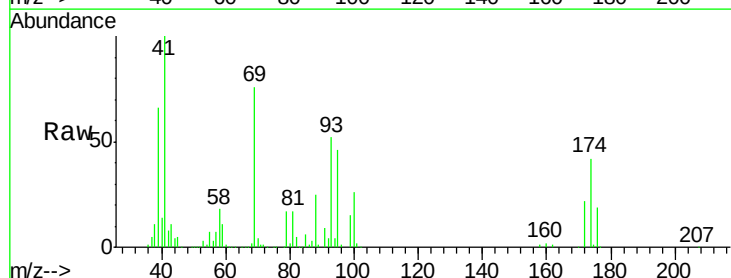
RT: 9.17 min Scan# 2310

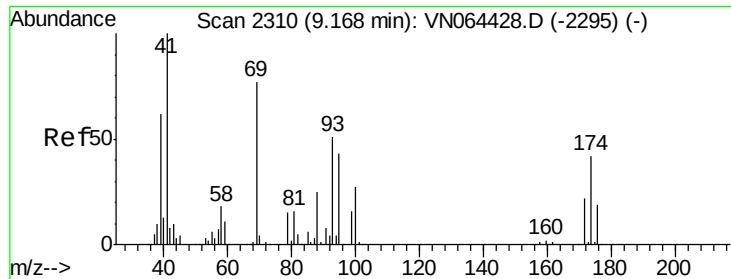
Delta R.T. 0.00 min

Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

Tgt Ion:	41	Resp:	230195
Ion Ratio	Lower	Upper	
41	100		
69	75.0	60.4	90.6
39	65.1	51.2	76.8





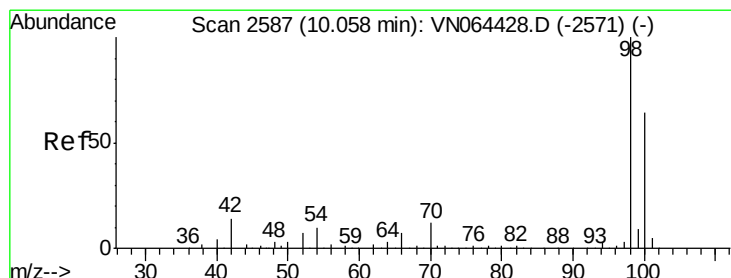
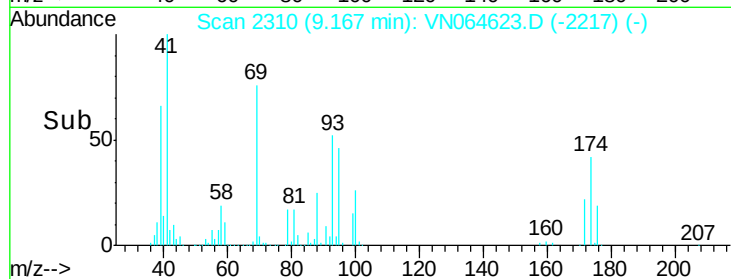
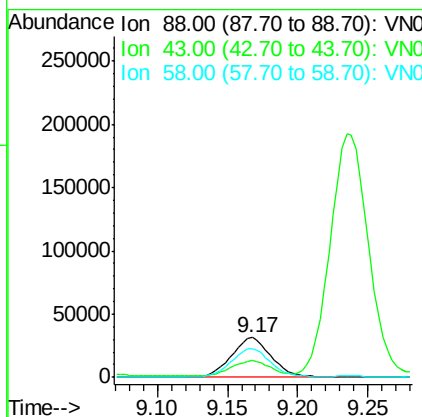
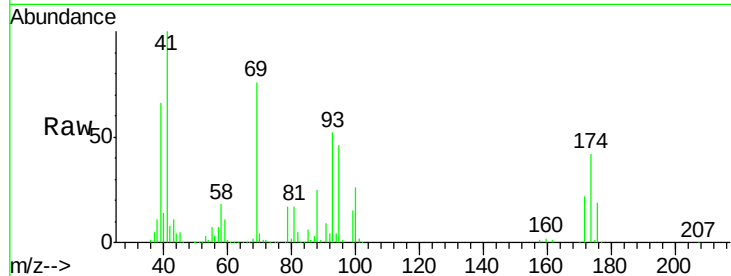
#49
1,4-Dioxane
Concen: 1020.779 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	61872
Ion	Ratio	Lower	Upper
88	100		
43	38.9	31.0	46.6
58	73.0	58.4	87.6

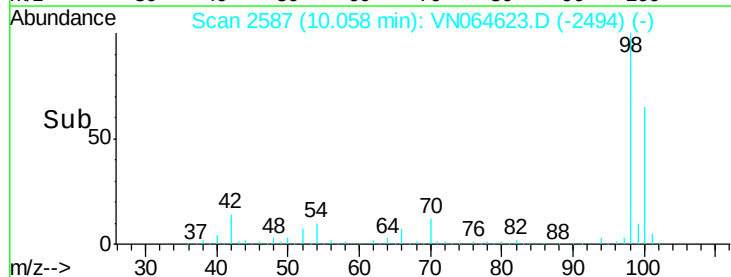
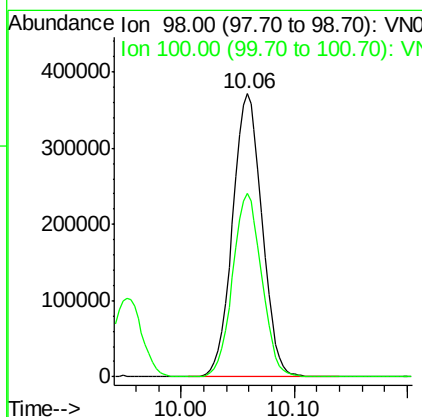
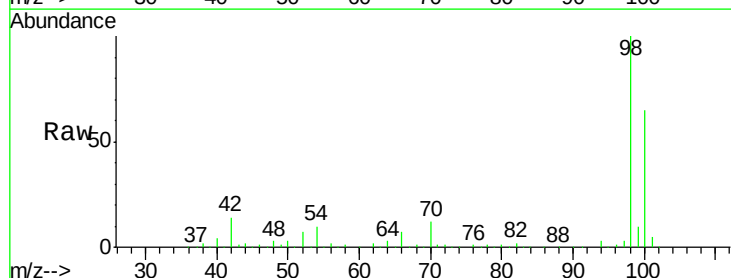
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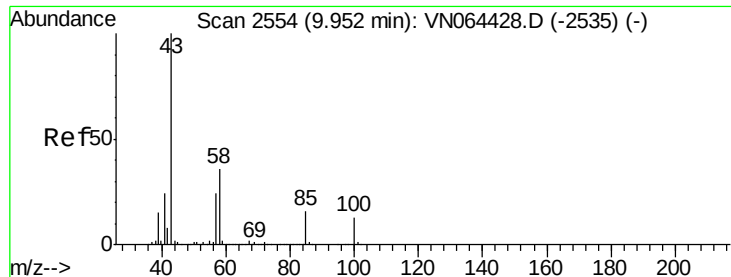
MMDadoda
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#50
Toluene-d8
Concen: 48.149 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

Tgt Ion	98	Resp	674943
Ion	Ratio	Lower	Upper
98	100		
100	63.3	50.7	76.1





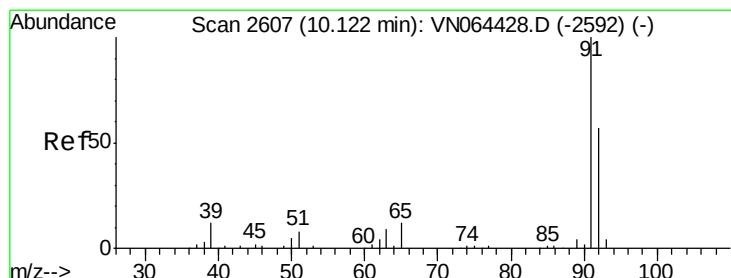
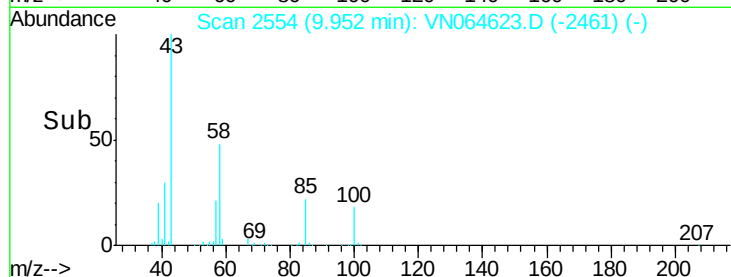
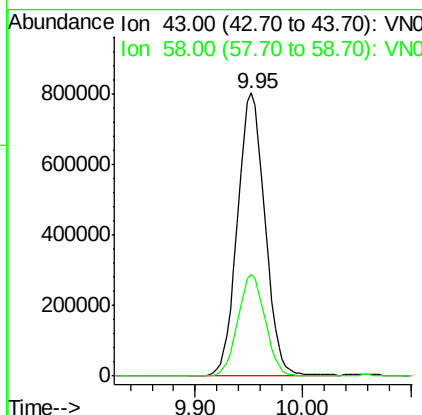
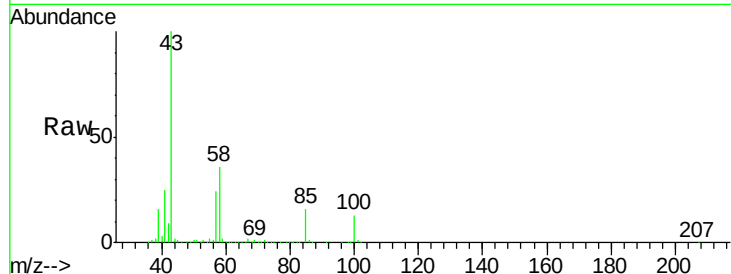
#51
4-Methyl-2-Pentanone
Concen: 266.581 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1417768
Ion Ratio Lower Upper
43 100
58 35.8 28.4 42.6

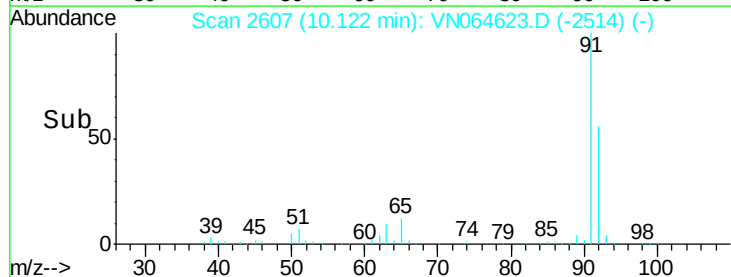
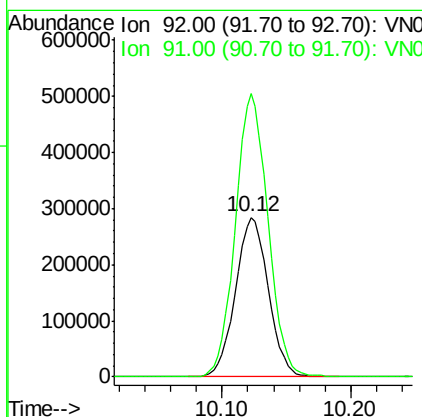
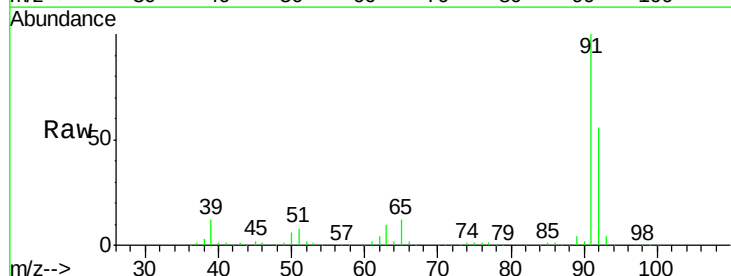
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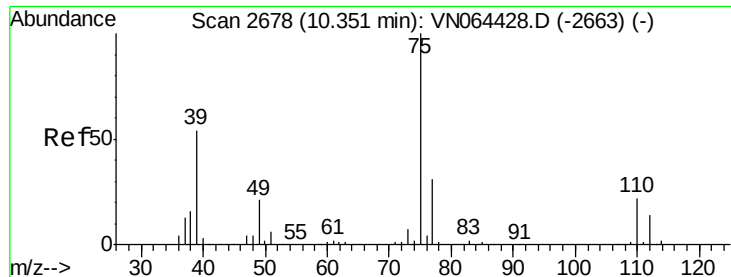
MMDadoda
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#52
Toluene
Concen: 49.940 ug/l
RT: 10.12 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

Tgt Ion: 92 Resp: 503684
Ion Ratio Lower Upper
92 100
91 176.3 139.6 209.4





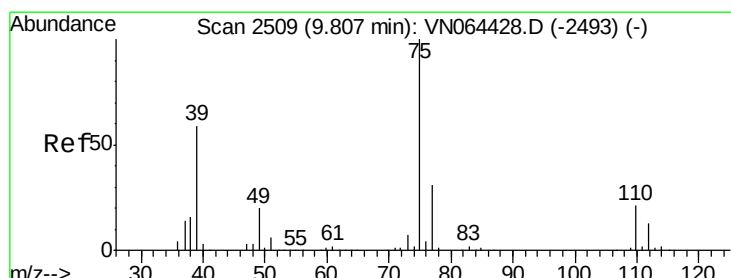
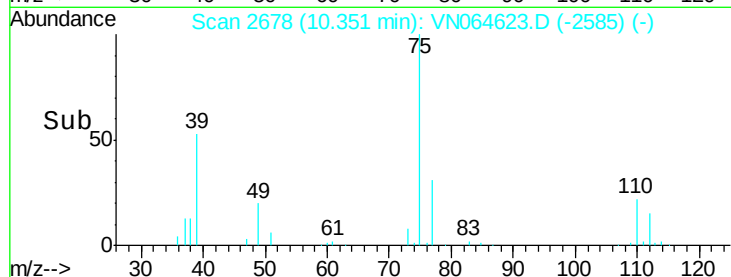
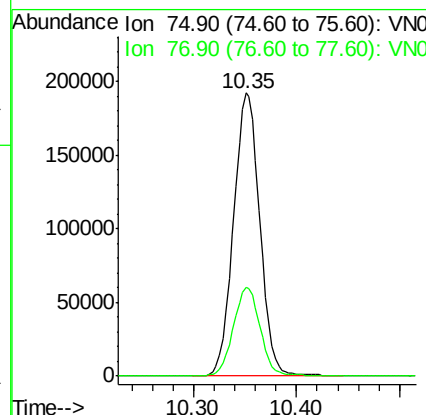
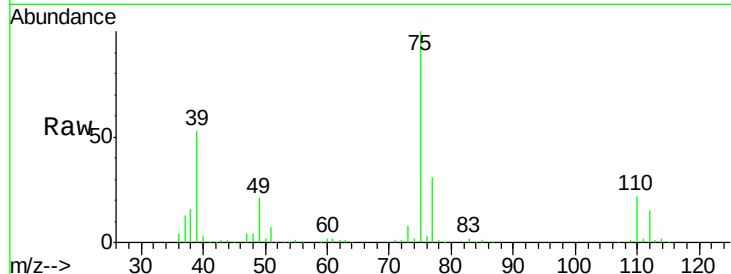
#53
 t-1,3-Dichloropropene
 Concen: 51.504 ug/l
 RT: 10.35 min Scan# 2678
 Delta R.T. -0.00 min
 Lab File: VN064623.D
 Acq: 13 Nov 2020 11:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 341012
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.8 37.2

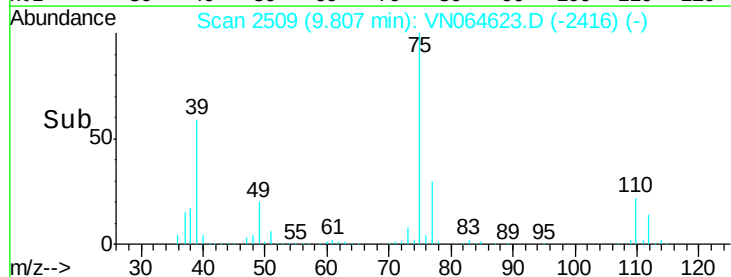
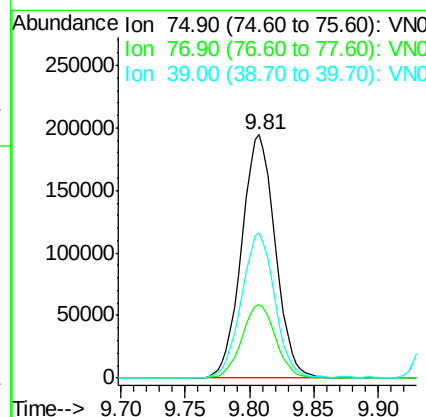
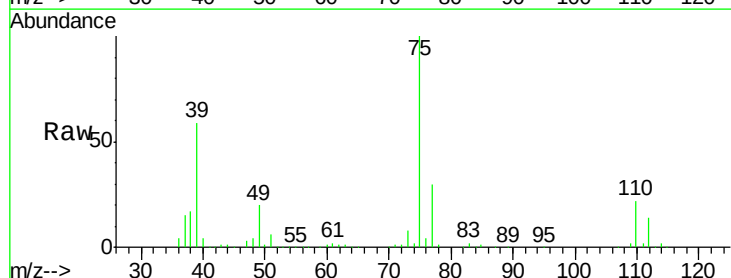
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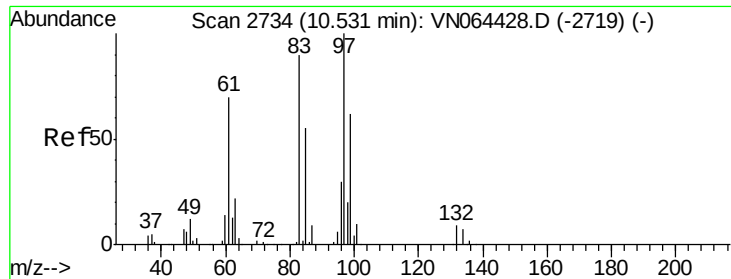
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#54
 cis-1,3-Dichloropropene
 Concen: 49.960 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: VN064623.D
 Acq: 13 Nov 2020 11:04

Tgt Ion: 75 Resp: 353677
 Ion Ratio Lower Upper
 75 100
 77 30.4 24.9 37.3
 39 59.3 47.1 70.7





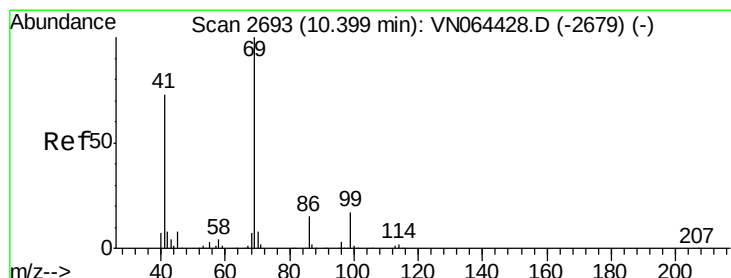
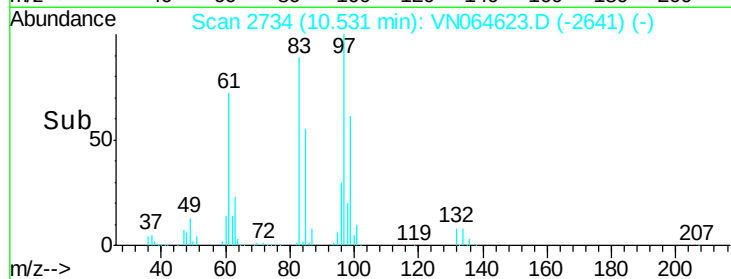
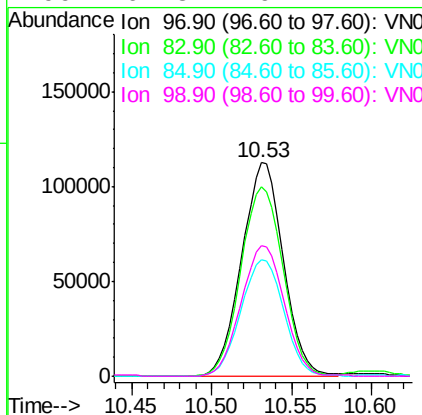
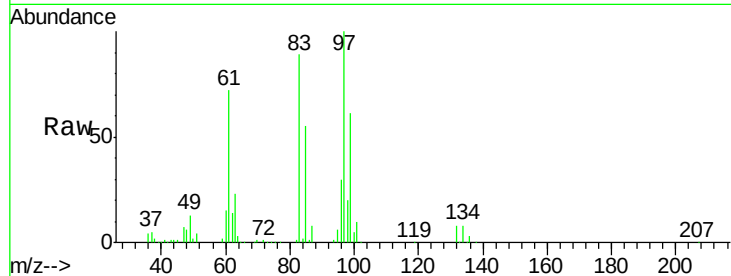
#55
 1,1,2-Trichloroethane
 Concen: 51.144 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064623.D
 Acq: 13 Nov 2020 11:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
97	100		
83	88.7	71.7	107.5
85	54.8	44.3	66.5
99	61.3	49.4	74.2

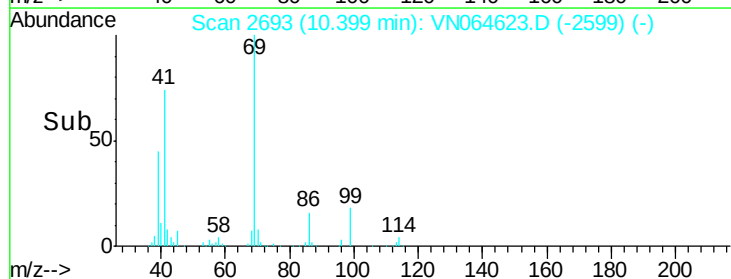
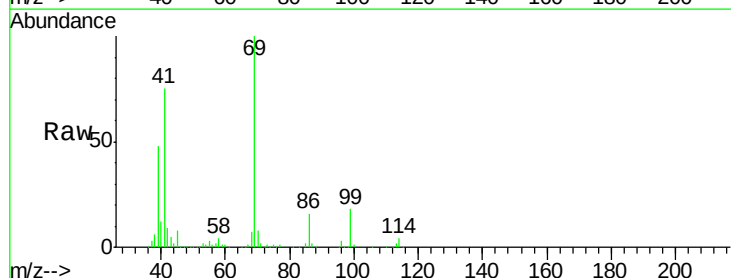
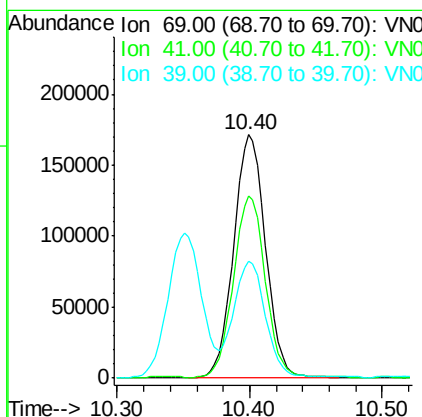
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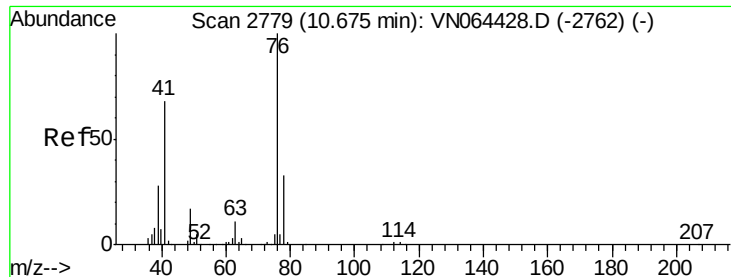
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#56
 Ethyl methacrylate
 Concen: 44.499 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064623.D
 Acq: 13 Nov 2020 11:04

Tgt Ion	Ratio	Lower	Upper
69	100		
41	74.2	59.3	88.9
39	48.1	35.4	53.0





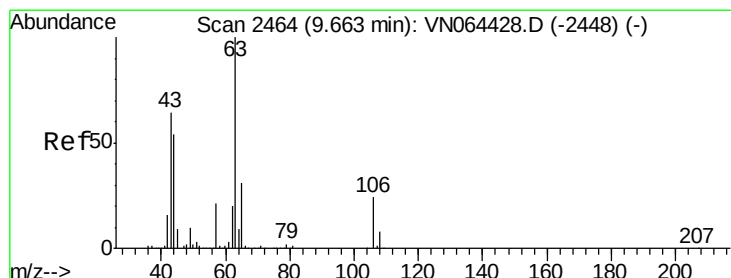
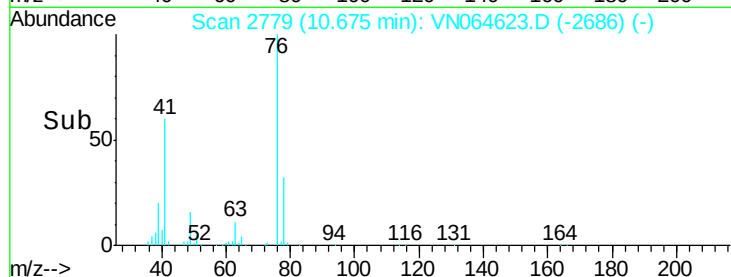
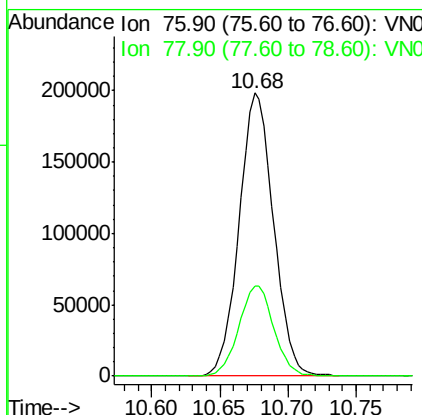
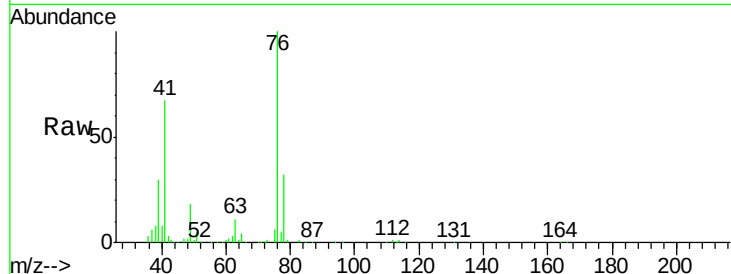
#57
 1,3-Dichloropropane
 Concen: 50.603 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN064623.D
 Acq: 13 Nov 2020 11:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.8	38.6

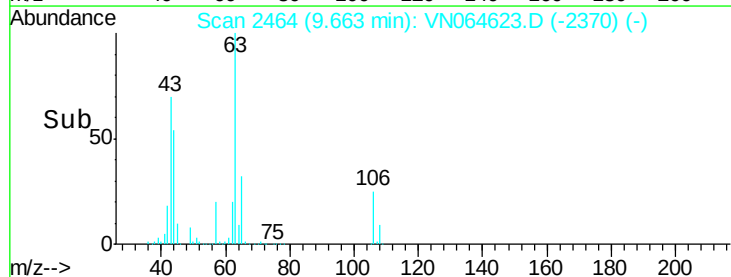
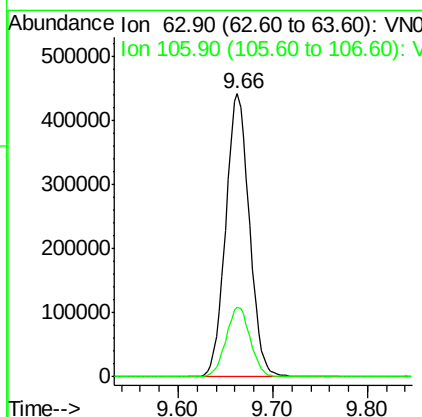
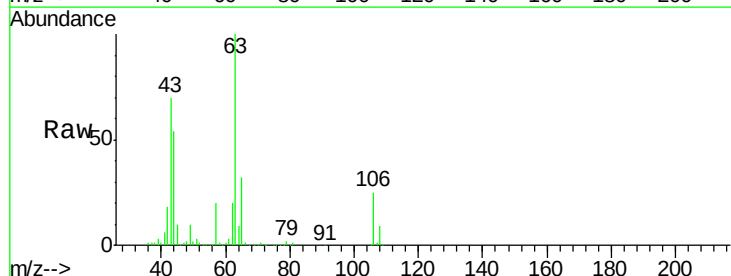
Manual Integrations
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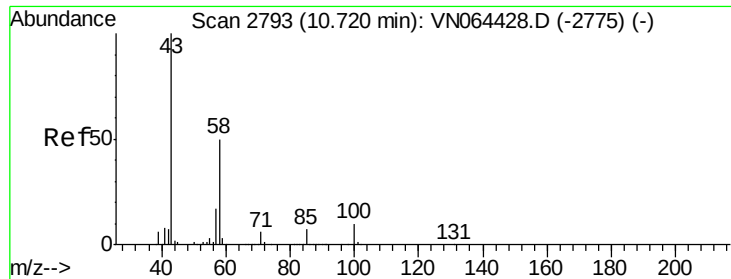
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#58
 2-Chloroethyl Vinyl ether
 Concen: 250.897 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064623.D
 Acq: 13 Nov 2020 11:04

Tgt Ion	Ratio	Lower	Upper
63	100		
106	25.3	19.5	29.3





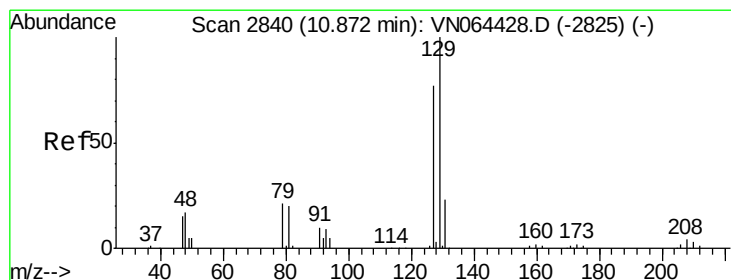
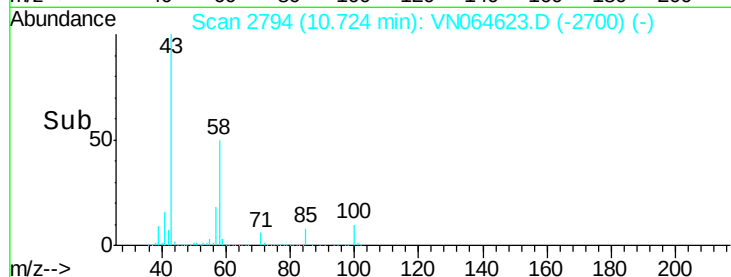
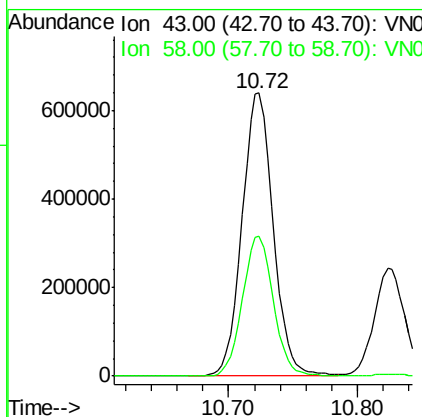
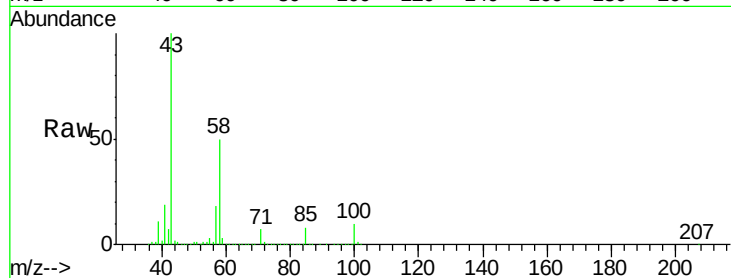
#59
2-Hexanone
Concen: 247.130 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1071550
Ion Ratio Lower Upper
43 100
58 49.4 24.7 74.1

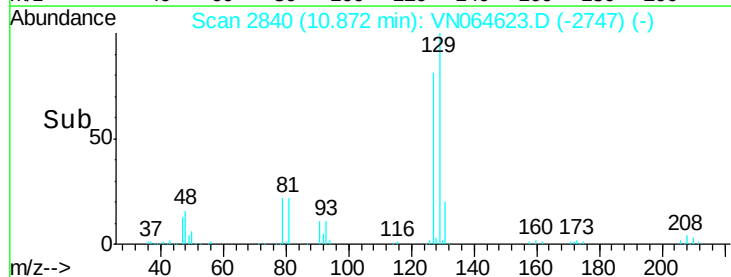
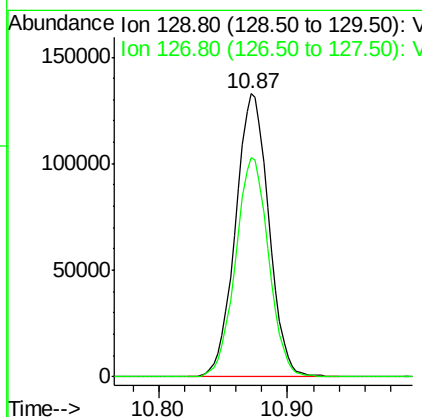
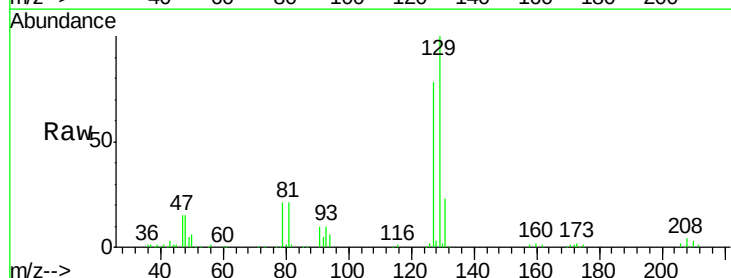
Manual Integrations
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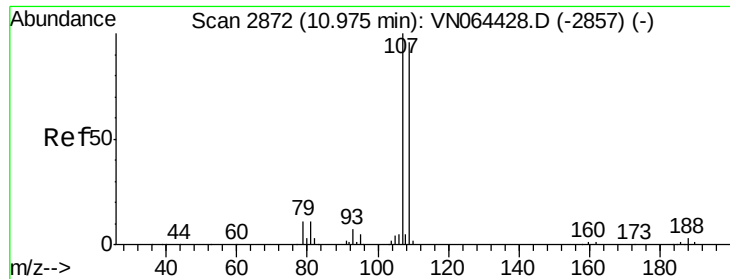
MMDadoda
11/17/2020 6:41:24 PM



#60
Dibromochloromethane
Concen: 54.168 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

Tgt Ion: 129 Resp: 238548
Ion Ratio Lower Upper
129 100
127 76.8 38.9 116.7





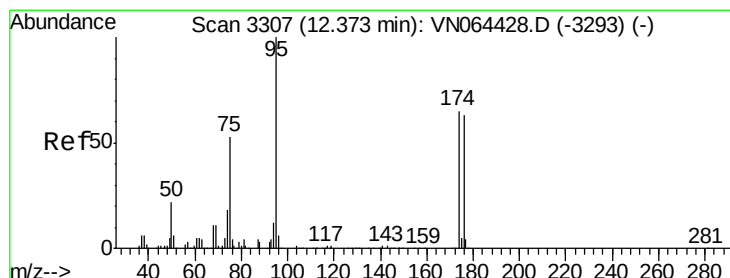
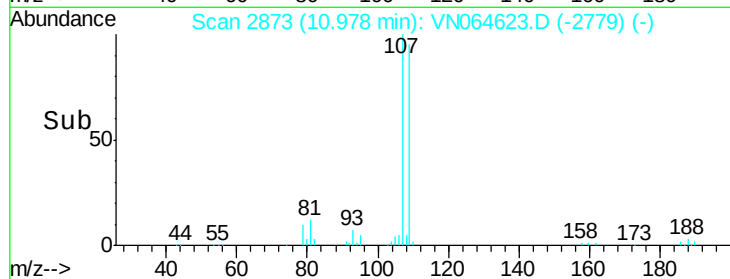
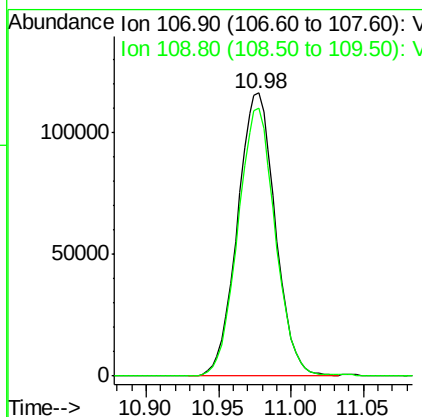
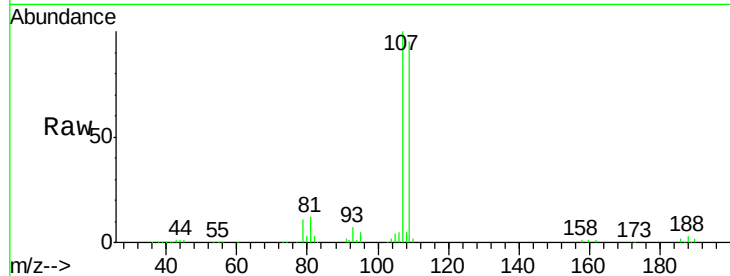
#61
 1,2-Dibromoethane
 Concen: 52.973 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064623.D
 Acq: 13 Nov 2020 11:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.9	75.9	113.9

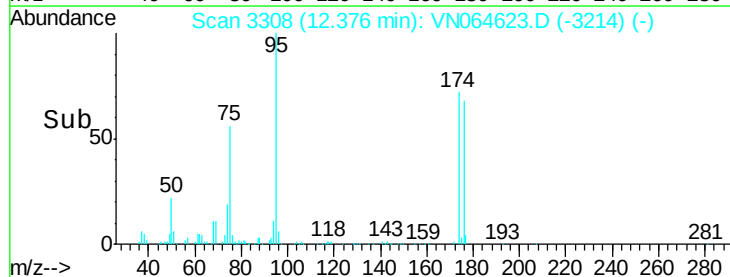
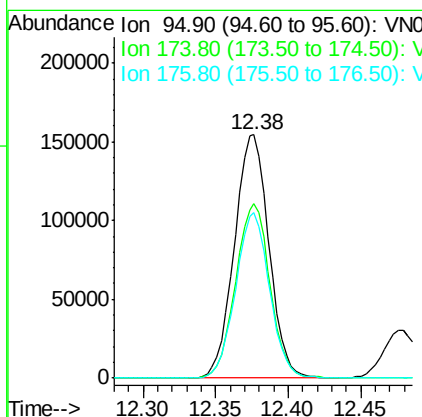
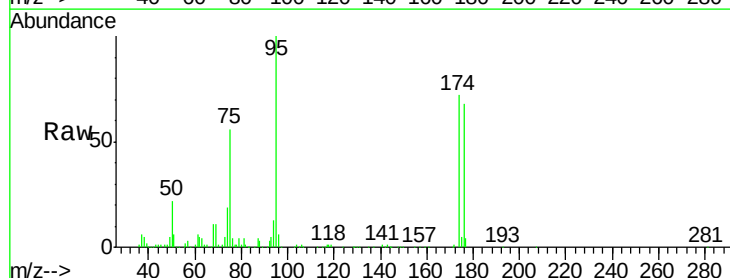
Manual Integrations
 APPROVED

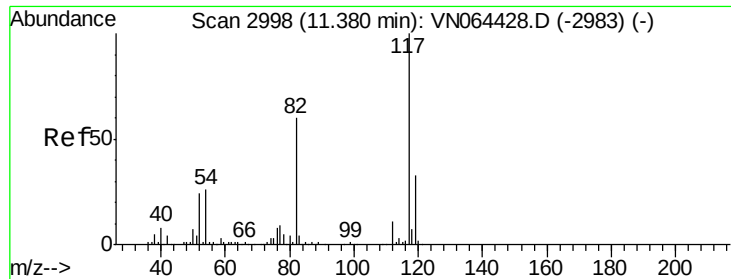
MMDadoda
 11/17/2020 6:41:24 PM



#62
 4-Bromofluorobenzene
 Concen: 48.212 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064623.D
 Acq: 13 Nov 2020 11:04

Tgt Ion	Ratio	Lower	Upper
95	100		
174	71.0	0.0	132.6
176	66.8	0.0	129.2





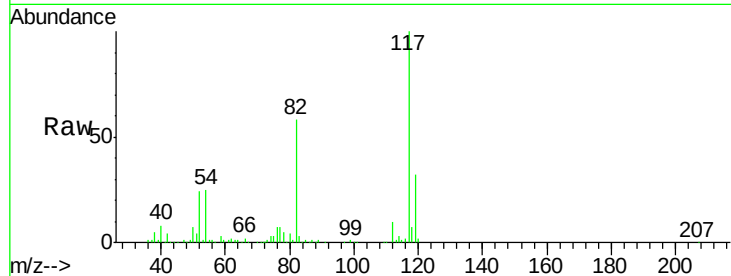
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	498888		
82	57.5	48.1	72.1	
119	32.1	26.2	39.4	

Manual Integrations
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11/17/2020 6:41:24 PM

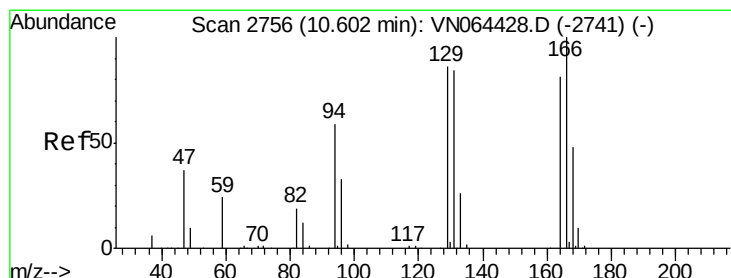
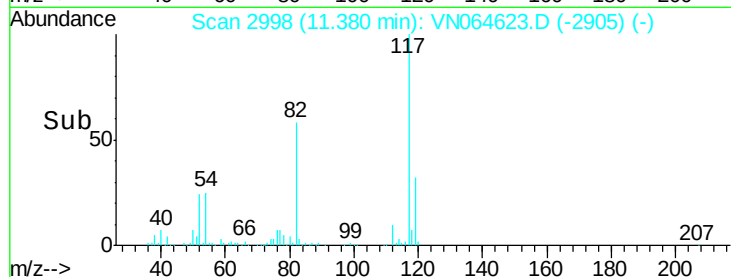
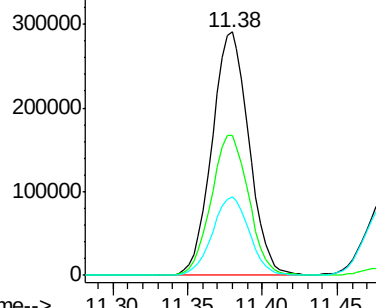


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 49.592 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	190577		
166	126.1	98.2	147.2	
129	104.4	84.6	127.0	
131	101.4	82.2	123.2	

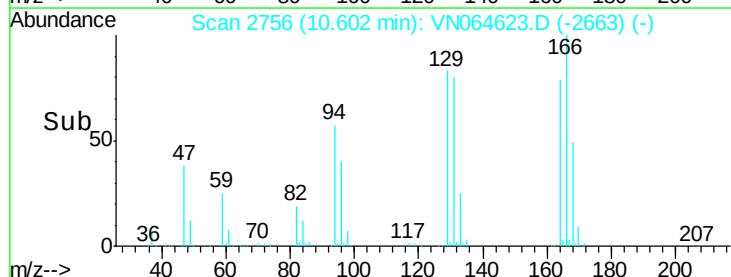
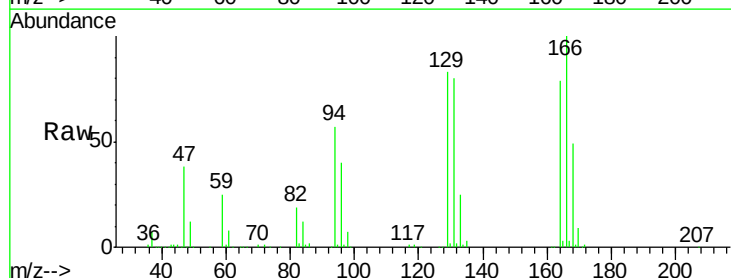
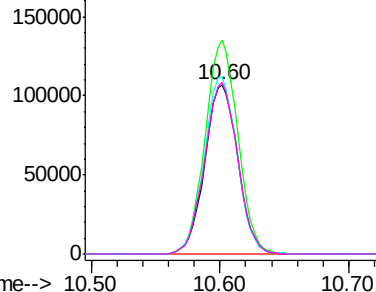
Abundance

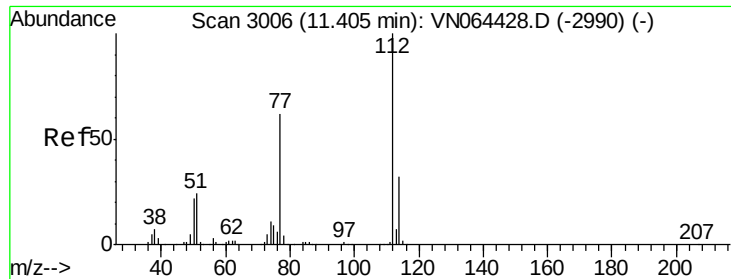
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





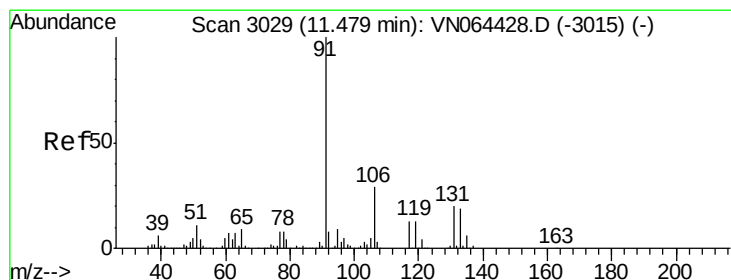
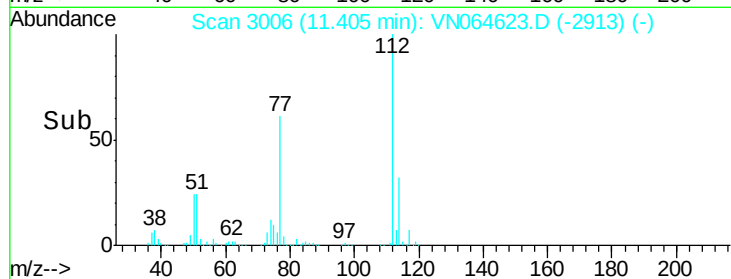
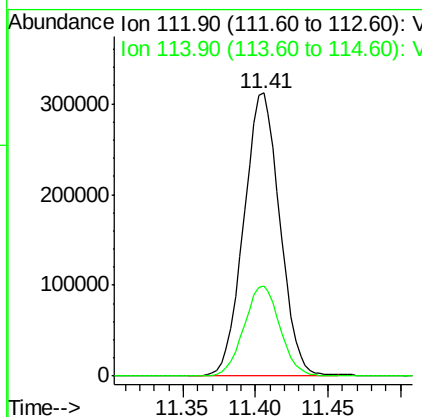
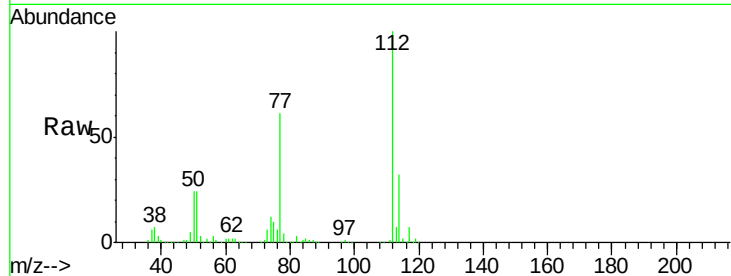
#65
Chlorobenzene
Concen: 49.404 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 540315
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4

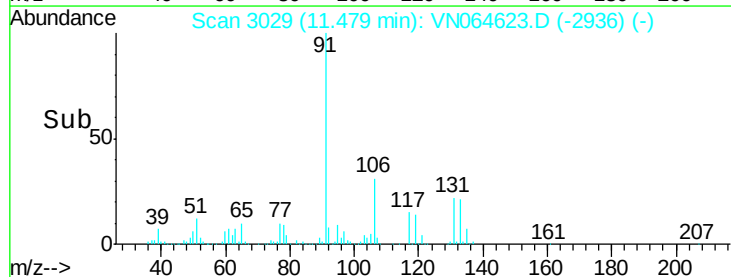
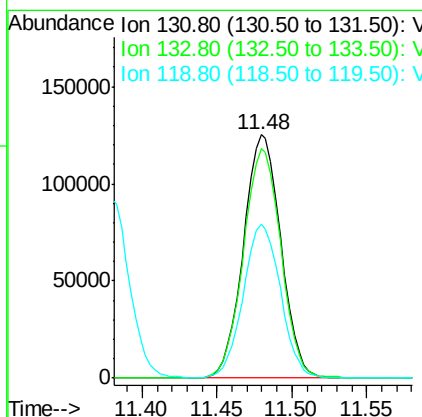
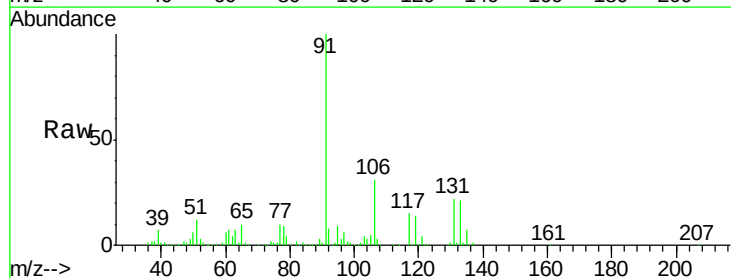
Manual Integrations
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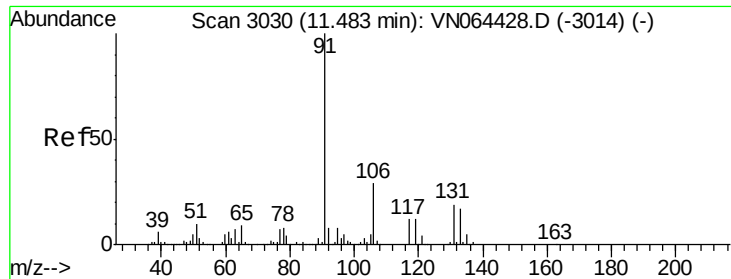
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.420 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

Tgt Ion:131 Resp: 217957
Ion Ratio Lower Upper
131 100
133 94.9 46.9 140.7
119 63.2 32.1 96.5





#67

Ethyl Benzene

Concen: 50.885 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. -0.00 min

Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 989902

Ion Ratio Lower Upper

91 100

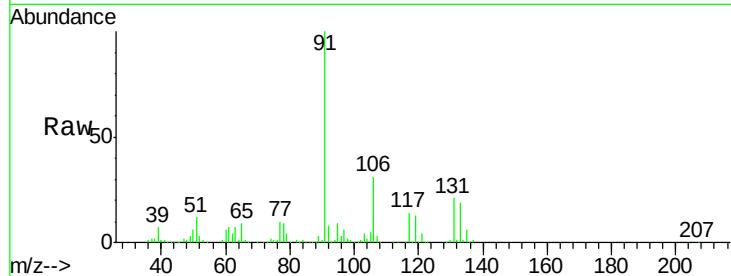
106 30.7 23.6 35.4

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VN064428.D (-3014) (-)

Ion 106.00 (105.70 to 106.70): VN064428.D (-3014) (-)

800000

600000

400000

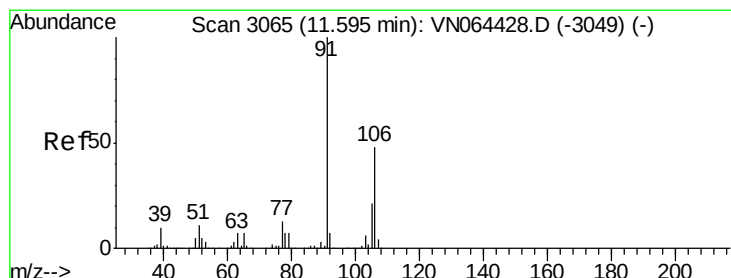
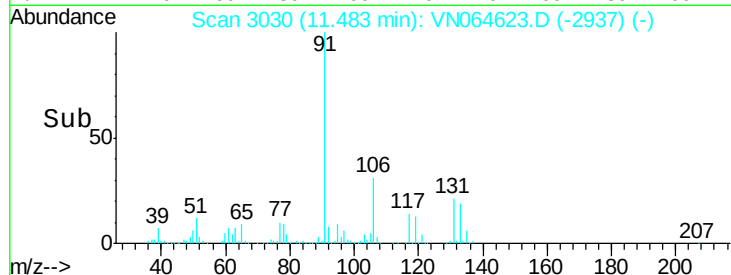
200000

0

11.40

11.50

Time-->



#68

m/p-Xylenes

Concen: 104.875 ug/l

RT: 11.60 min Scan# 3065

Delta R.T. -0.00 min

Lab File: VN064623.D

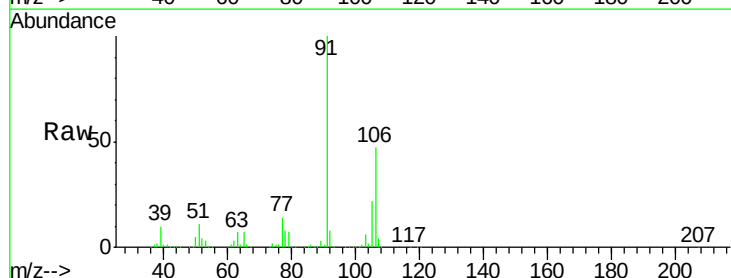
Acq: 13 Nov 2020 11:04

Tgt Ion: 106 Resp: 739899

Ion Ratio Lower Upper

106 100

91 212.7 169.4 254.2



Abundance Ion 106.00 (105.70 to 106.70): VN064428.D (-3049) (-)

Ion 91.00 (90.70 to 91.70): VN064428.D (-3049) (-)

800000

600000

400000

200000

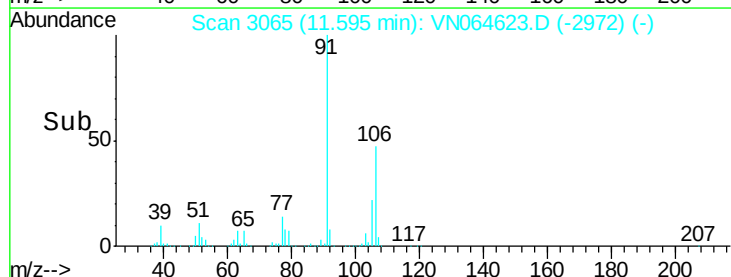
0

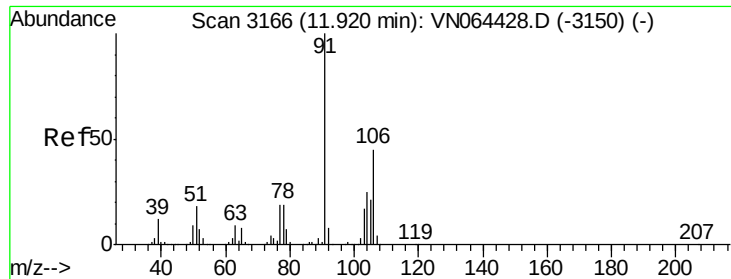
11.50

11.60

11.70

Time-->





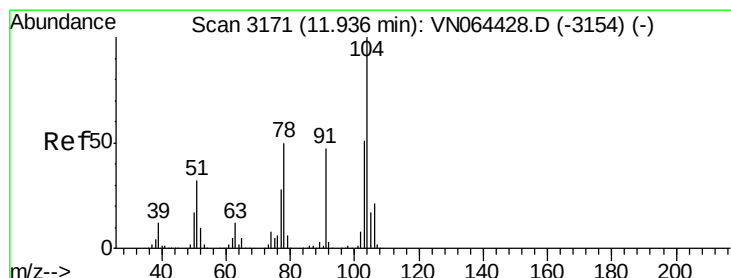
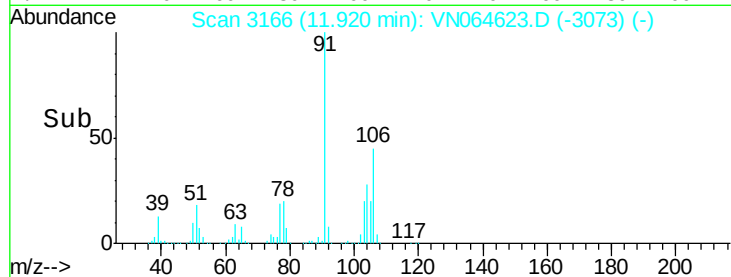
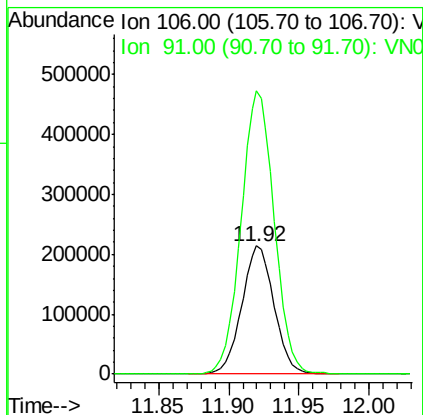
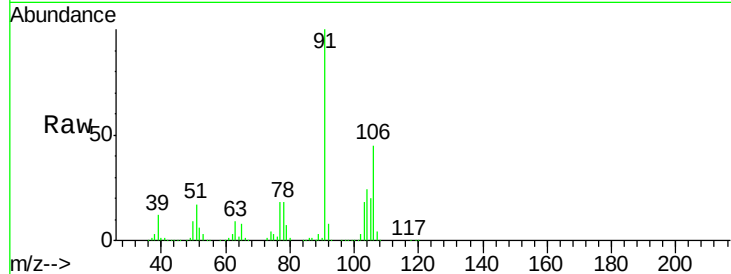
#69
o-Xylene
Concen: 50.343 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 343208
Ion Ratio Lower Upper
106 100
91 226.8 111.7 334.9

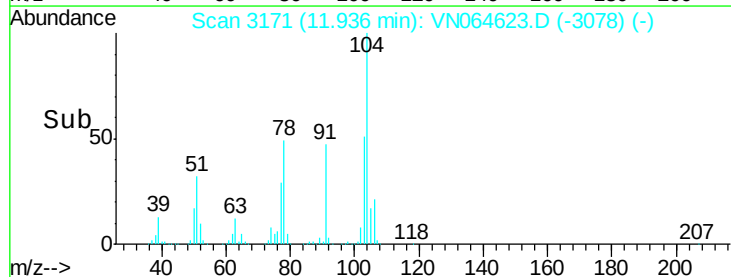
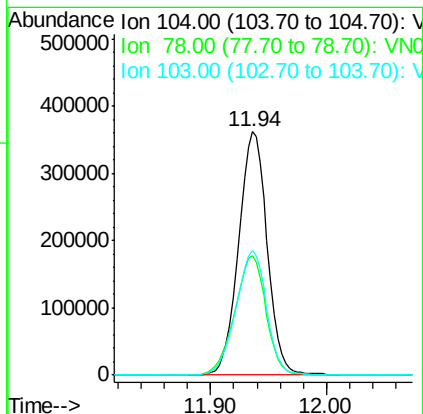
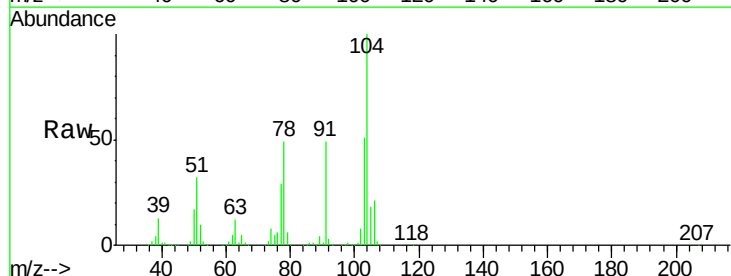
Manual Integrations
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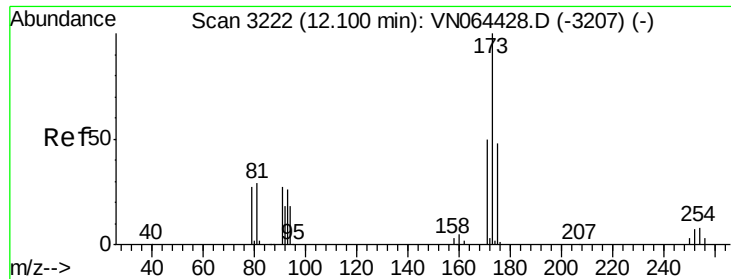
MMDadoda
11/17/2020 6:41:24 PM



#70
Styrene
Concen: 53.804 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

Tgt Ion:104 Resp: 617229
Ion Ratio Lower Upper
104 100
78 53.8 44.0 66.0
103 54.9 43.8 65.6





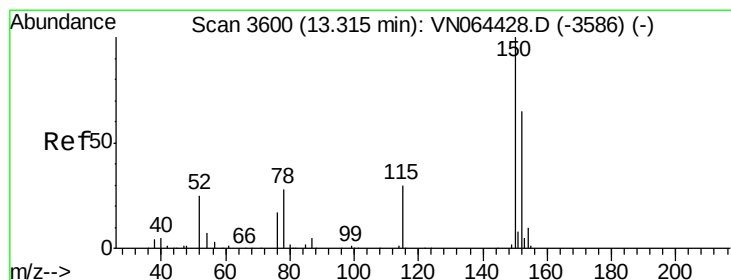
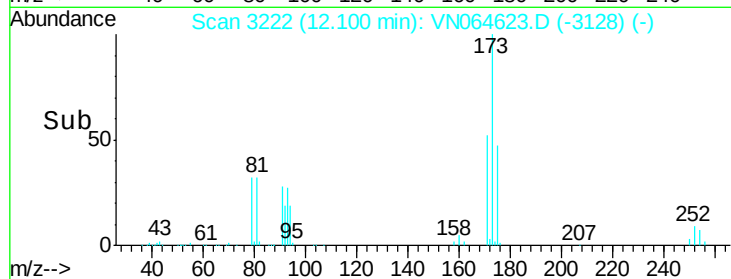
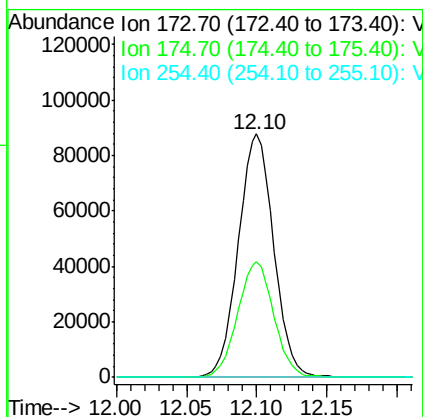
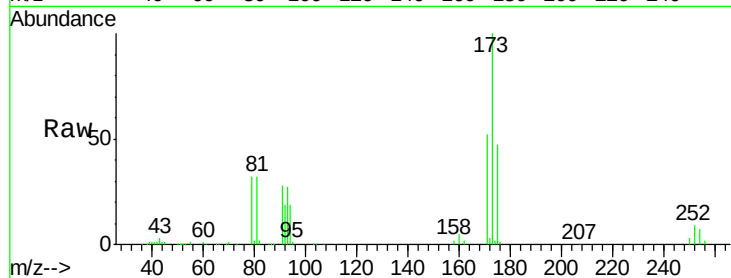
#71
Bromoform
Concen: 50.328 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	23.7	71.1
254	0.1	0.0	0.0#

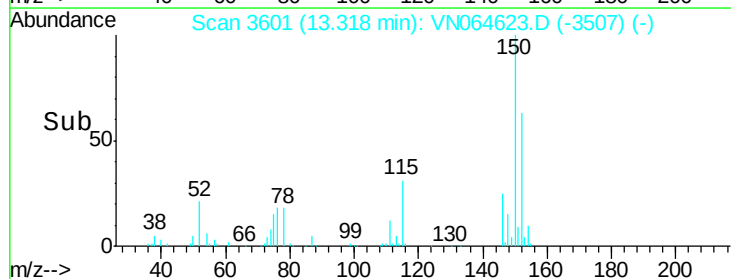
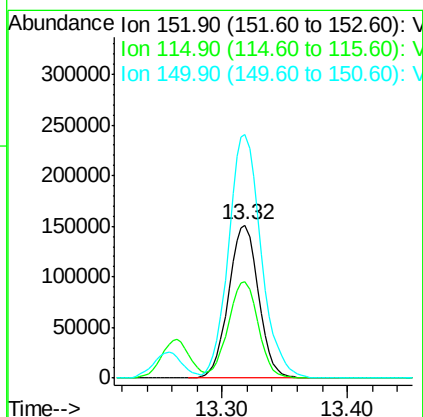
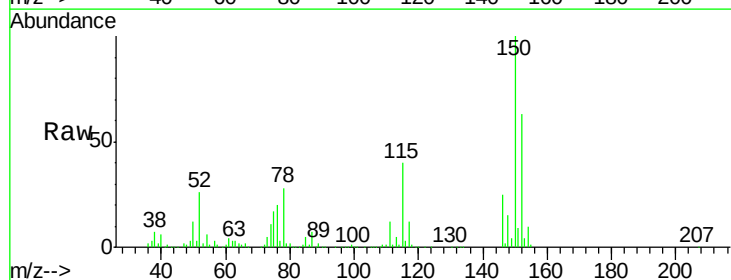
Manual Integrations
APPROVED

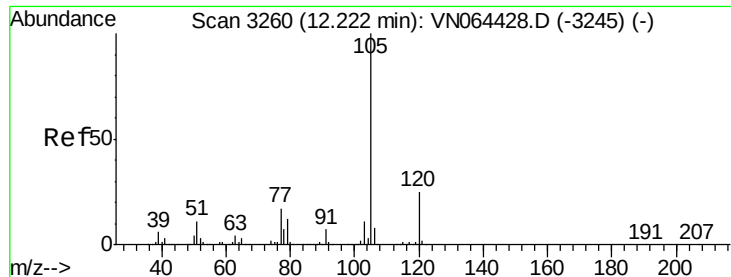
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.0	32.0	96.0
150	172.8	0.0	353.8





#73

Isopropylbenzene

Concen: 46.273 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 922204

Ion Ratio Lower Upper

105 100

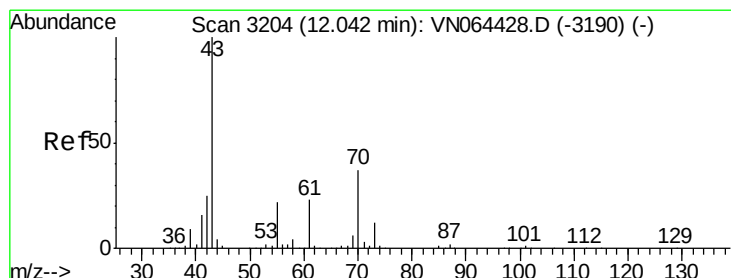
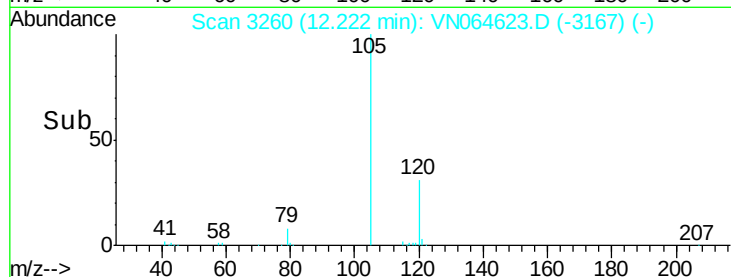
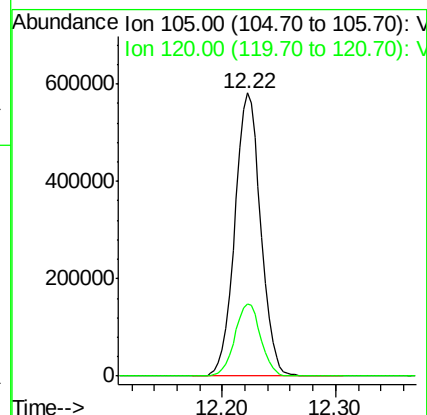
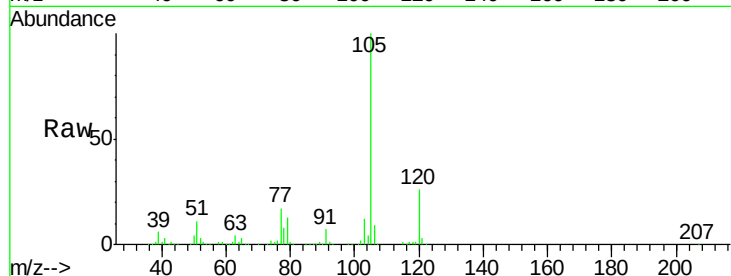
120 25.8 12.8 38.3

Manual Integrations

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#74

N-ethyl acetate

Concen: 42.745 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

Tgt Ion: 43 Resp: 411423

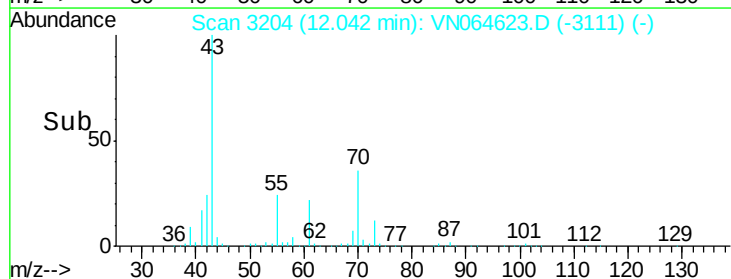
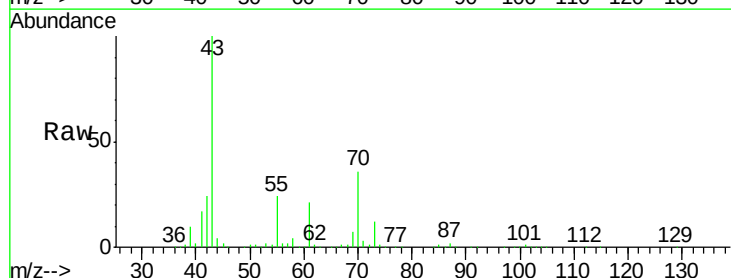
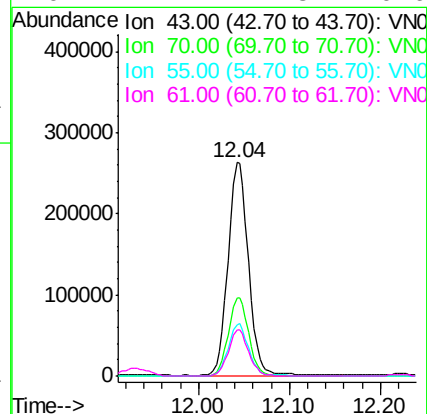
Ion Ratio Lower Upper

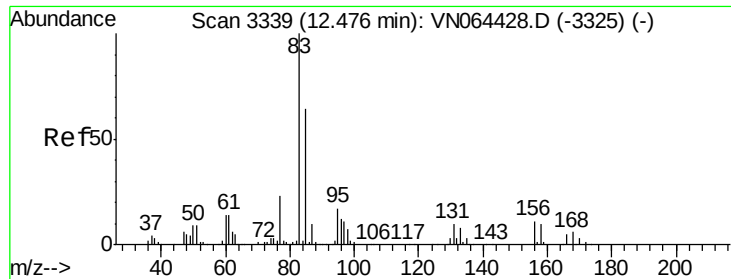
43 100

70 36.5 29.6 44.4

55 24.4 18.4 27.6

61 21.4 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 47.822 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 292742

Ion Ratio Lower Upper

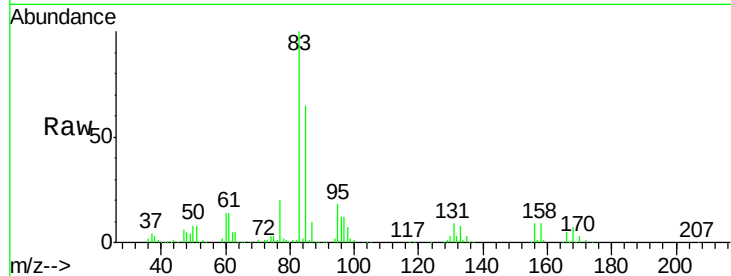
83 100

131 9.9 4.9 14.7

85 63.8 32.1 96.5

Manual Integrations
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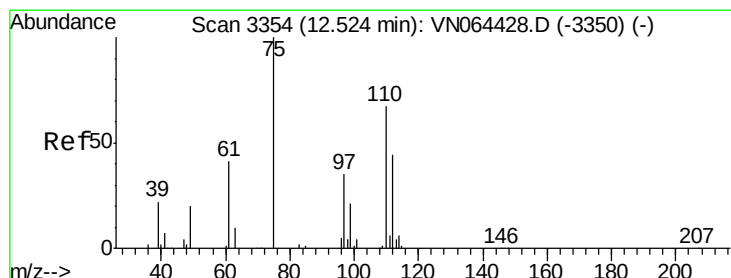
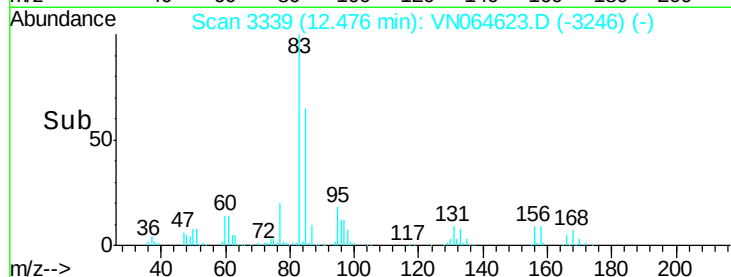
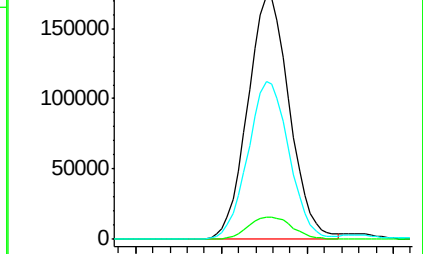
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Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 47.987 ug/l m

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064623.D

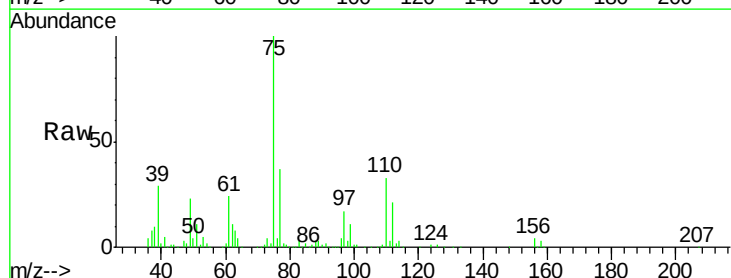
Acq: 13 Nov 2020 11:04

Tgt Ion: 75 Resp: 291534

Ion Ratio Lower Upper

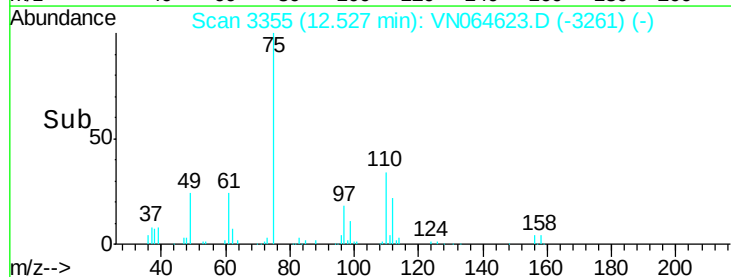
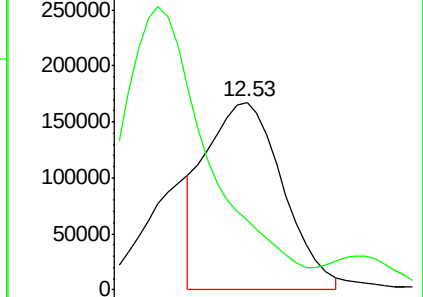
75 100

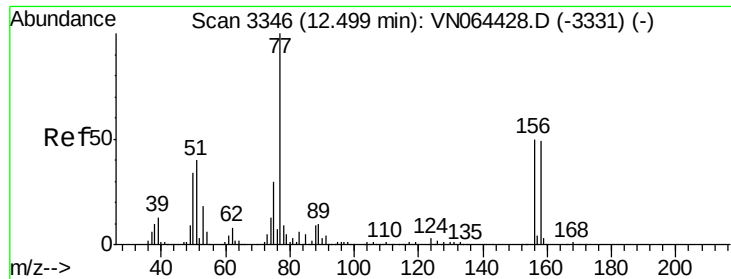
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 45.183 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

Instrument :

MSVOA_N

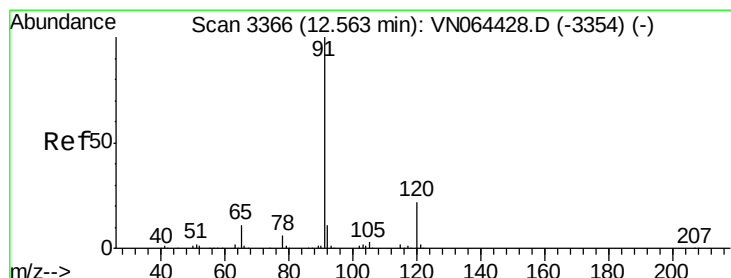
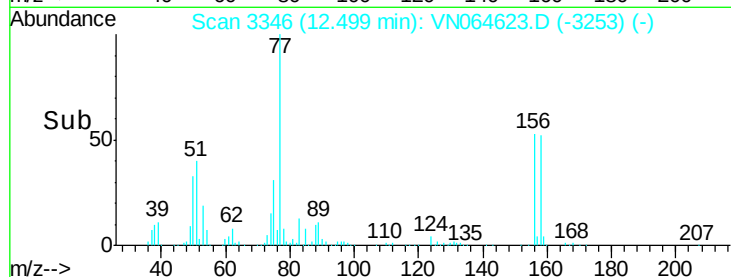
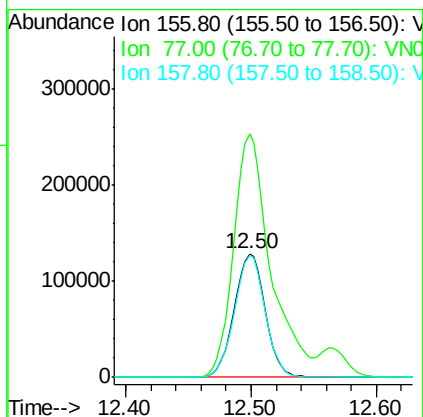
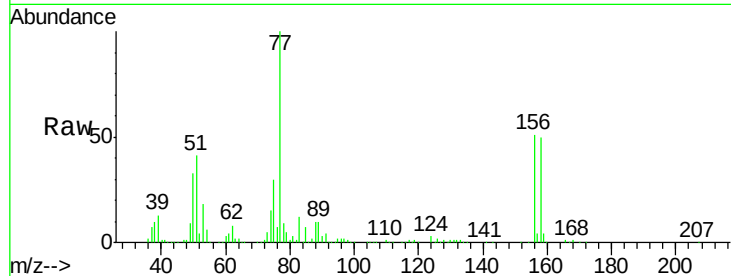
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	236.1	119.0	357.0
158	97.7	48.4	145.3

Manual Integrations
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#78

n-propylbenzene

Concen: 48.708 ug/l

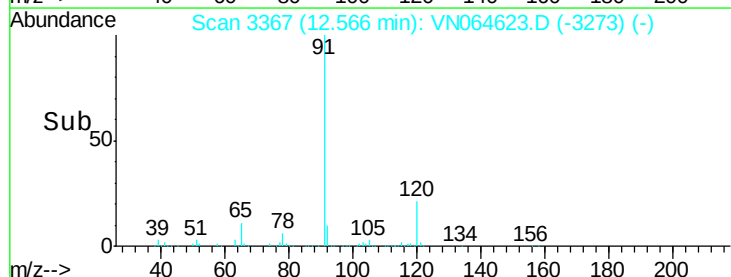
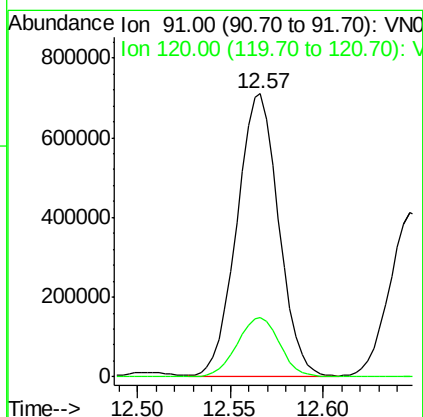
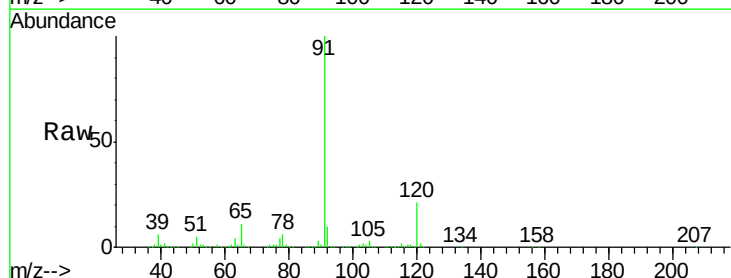
RT: 12.57 min Scan# 3367

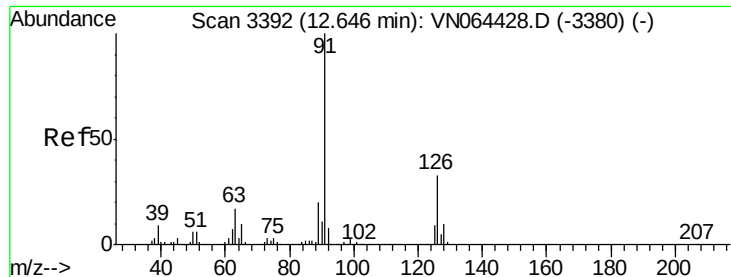
Delta R.T. 0.00 min

Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.6	11.0	33.0





#79

2-Chlorotoluene

Concen: 46.222 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 666096

Ion Ratio Lower Upper

91 100

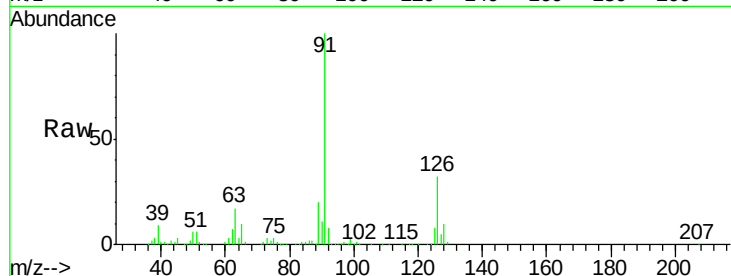
126 32.3 16.4 49.1

Manual Integrations

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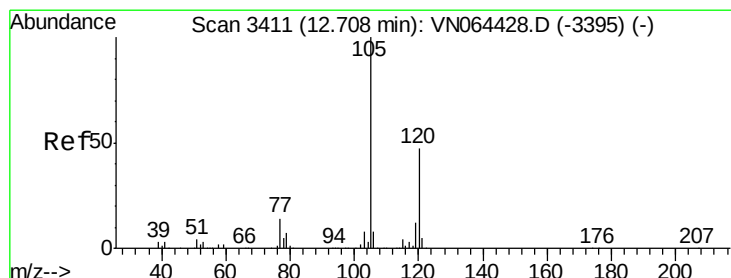
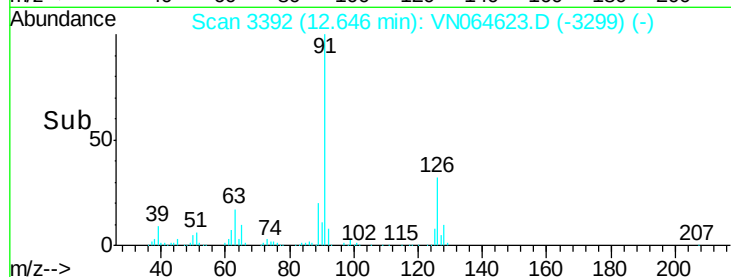
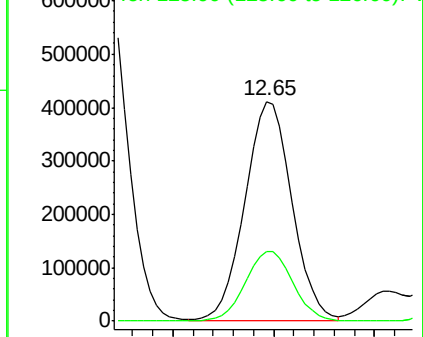
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Abundance Ion 91.00 (90.70 to 91.70): VN064623.D (-3299) (-)

Ion 125.90 (125.60 to 126.60): VN064623.D (-3299) (-)



#80

1,3,5-Trimethylbenzene

Concen: 48.774 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064623.D

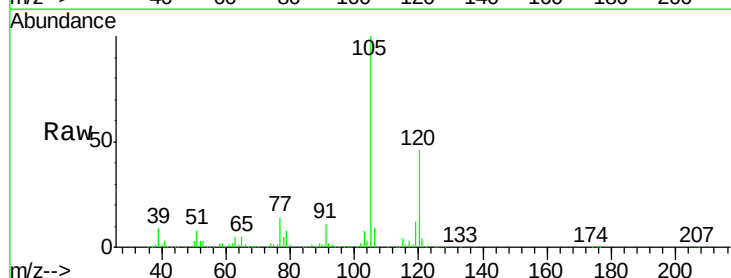
Acq: 13 Nov 2020 11:04

Tgt Ion: 105 Resp: 801913

Ion Ratio Lower Upper

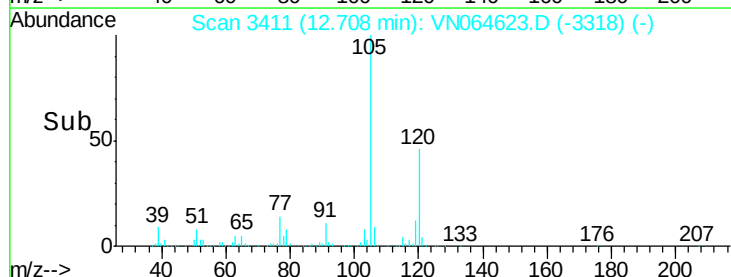
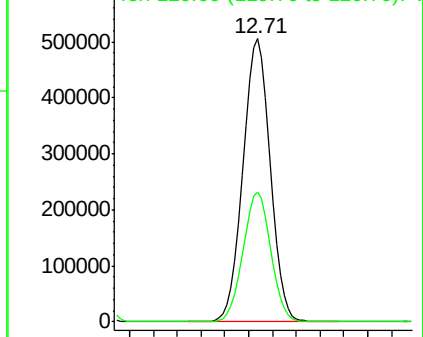
105 100

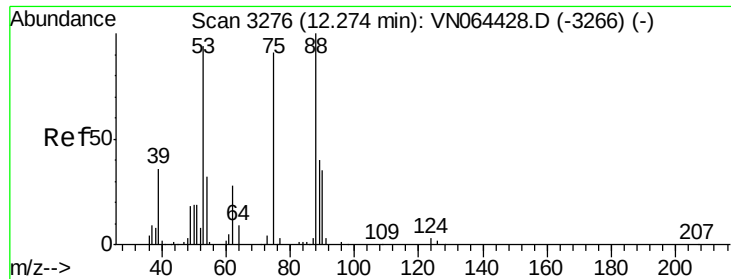
120 46.4 23.4 70.2



Abundance Ion 105.00 (104.70 to 105.70): VN064623.D (-3318) (-)

Ion 120.00 (119.70 to 120.70): VN064623.D (-3318) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 46.850 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

Instrument :

MSVOA_N

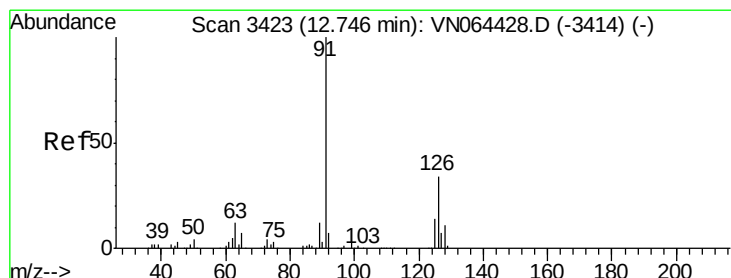
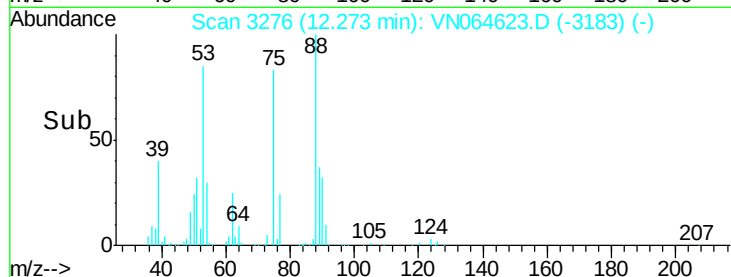
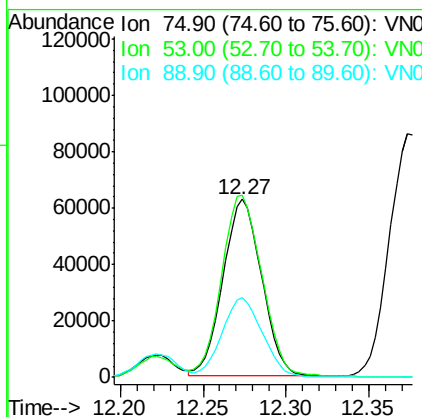
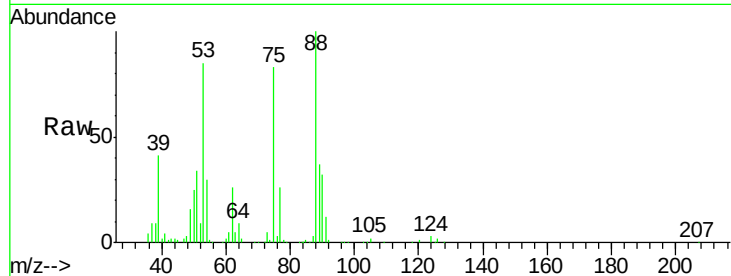
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	101940
Ion Ratio	Lower	Upper	
75	100		
53	106.5	84.0	126.0
89	46.6	36.3	54.5

Manual Integrations
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#82

4-Chlorotoluene

Concen: 48.163 ug/l

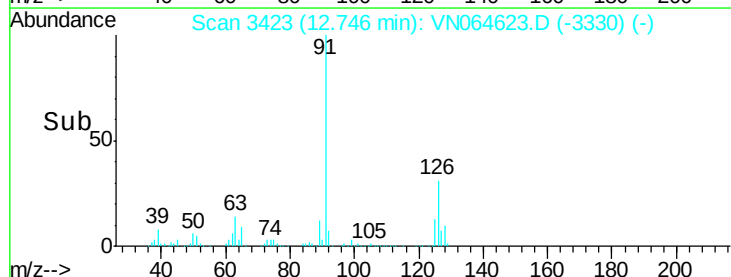
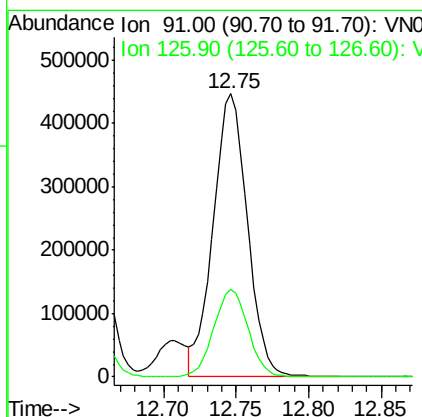
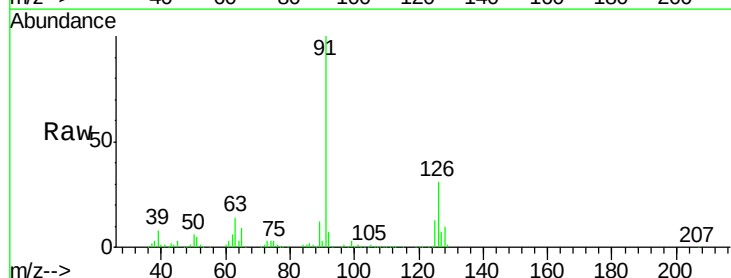
RT: 12.75 min Scan# 3423

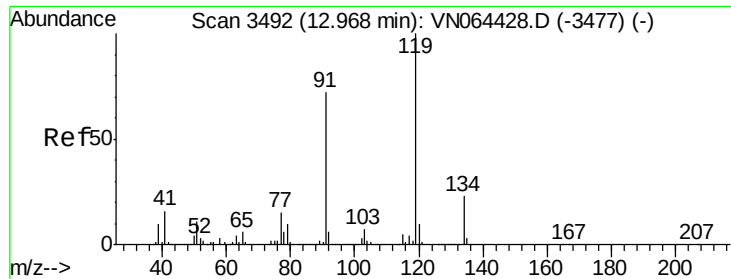
Delta R.T. -0.00 min

Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

Tgt Ion:	91	Resp:	726872
Ion Ratio	Lower	Upper	
91	100		
126	31.4	15.4	46.2





#83

tert-Butylbenzene

Concen: 48.660 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. -0.00 min

Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

Instrument :

MSVOA_N

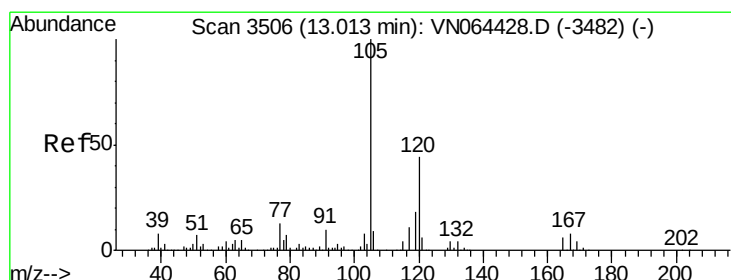
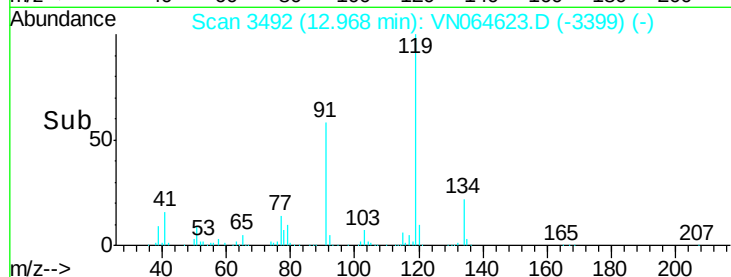
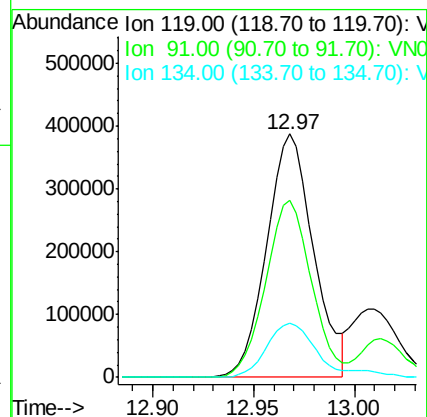
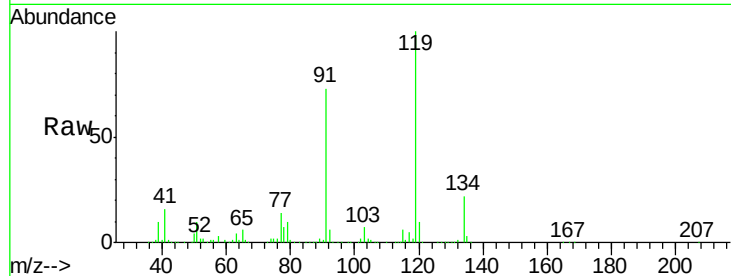
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	624842
Ion Ratio	Lower	Upper	
119	100		
91	70.8	36.1	108.3
134	24.9	11.7	35.1

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 49.251 ug/l

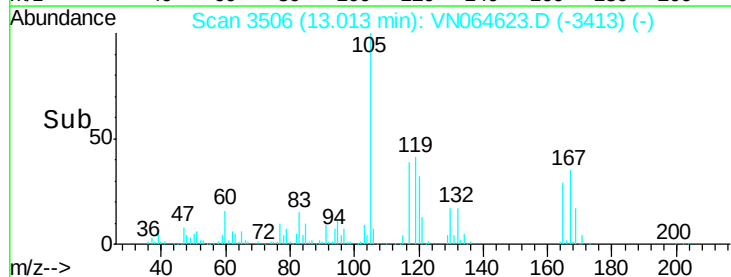
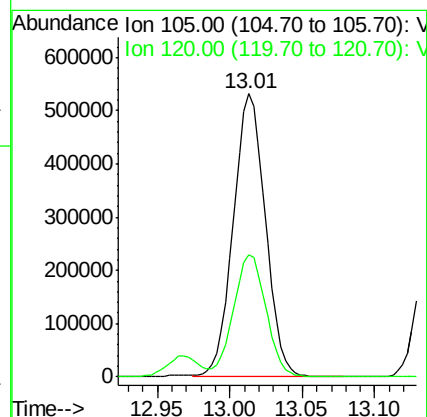
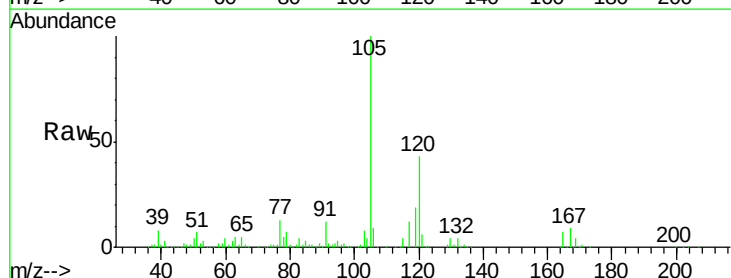
RT: 13.01 min Scan# 3506

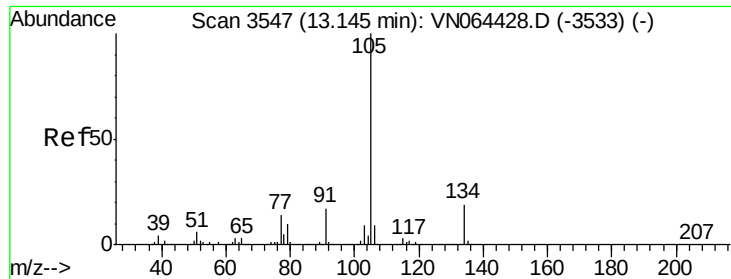
Delta R.T. -0.00 min

Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

Tgt Ion:	105	Resp:	814023
Ion Ratio	Lower	Upper	
105	100		
120	44.2	21.9	65.7





#85

sec-Butylbenzene

Concen: 51.345 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 835015

Ion Ratio Lower Upper

105 100

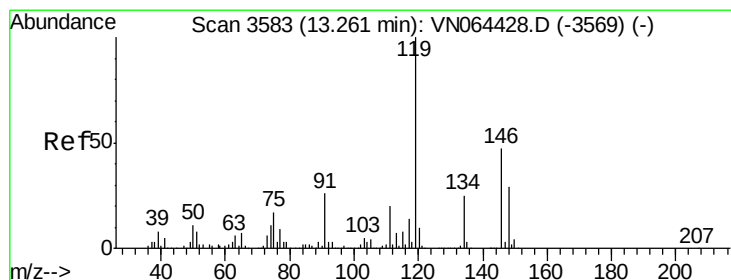
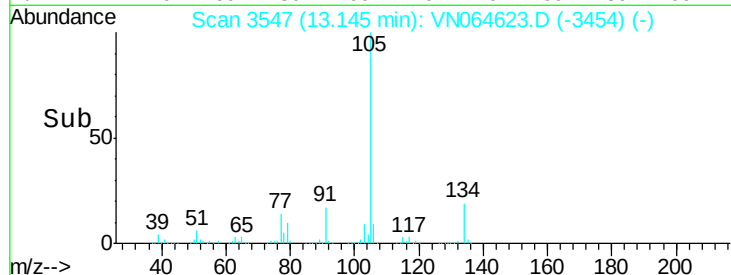
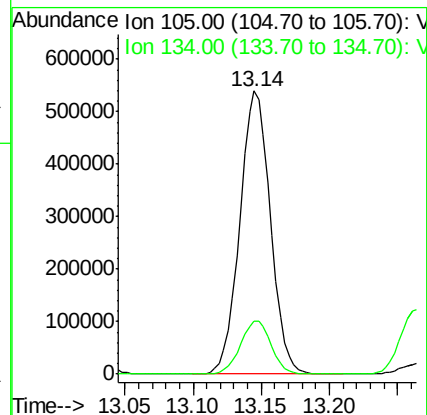
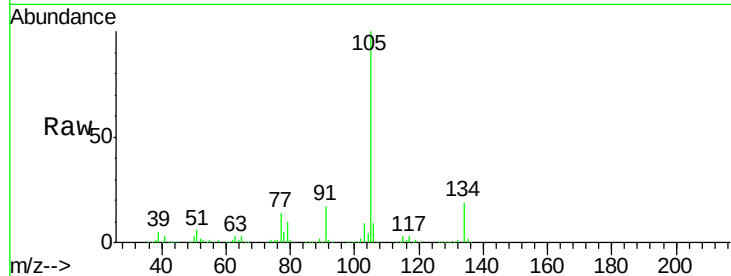
134 19.0 9.4 28.2

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 51.778 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

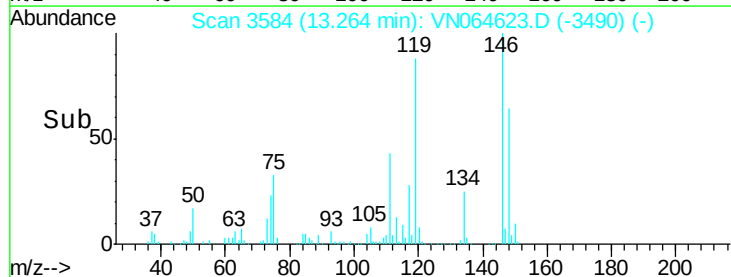
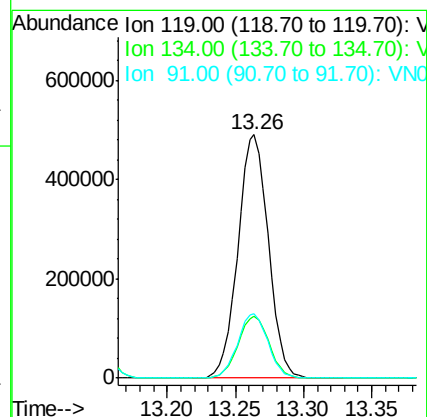
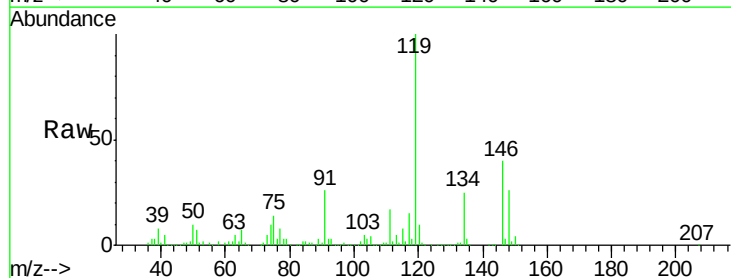
Tgt Ion:119 Resp: 757411

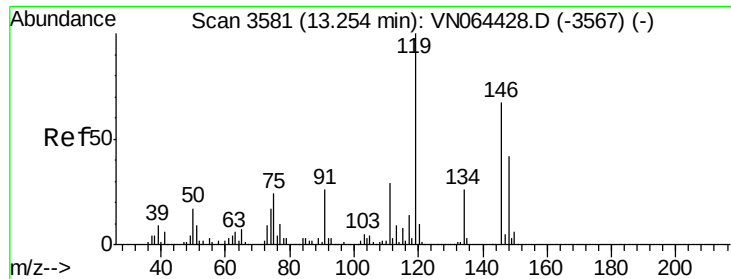
Ion Ratio Lower Upper

119 100

134 26.0 12.6 37.6

91 26.2 12.8 38.3





#87

1,3-Dichlorobenzene

Concen: 49.196 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN064623.D

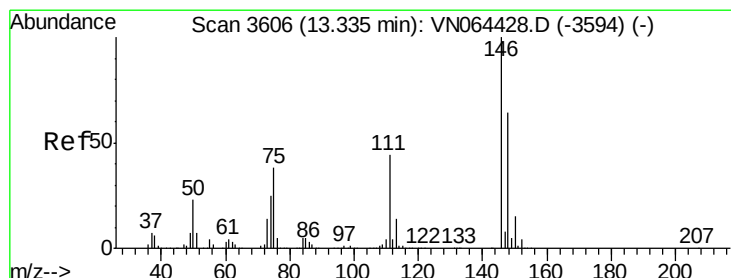
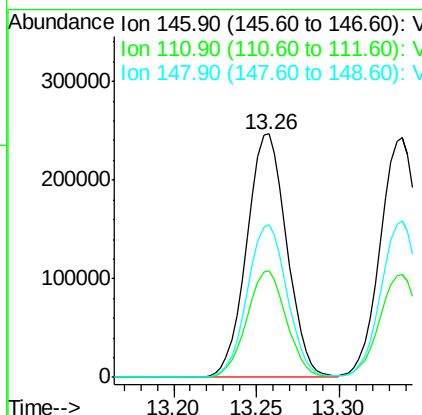
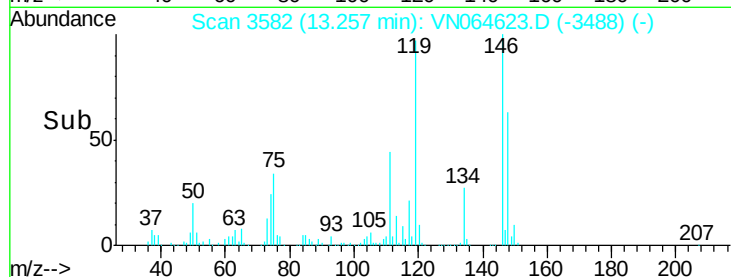
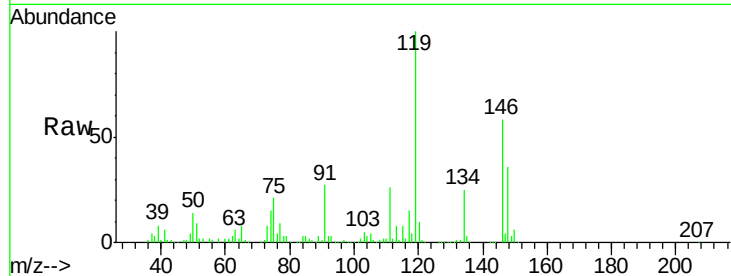
Acq: 13 Nov 2020 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.5	22.1	66.1
148	62.5	31.7	95.1

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 46.615 ug/l

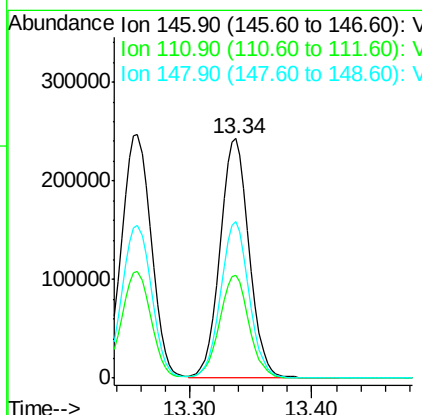
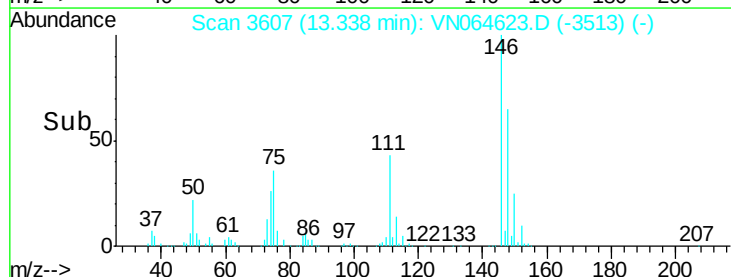
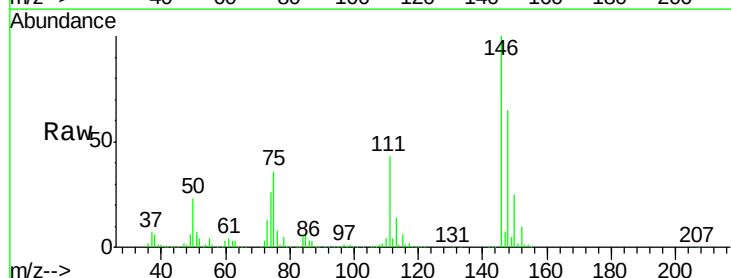
RT: 13.34 min Scan# 3607

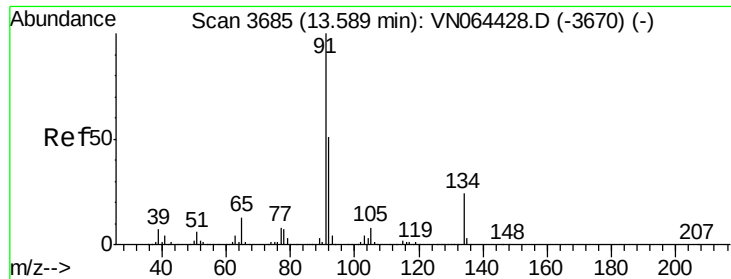
Delta R.T. 0.00 min

Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.8	65.3
148	64.1	32.4	97.2





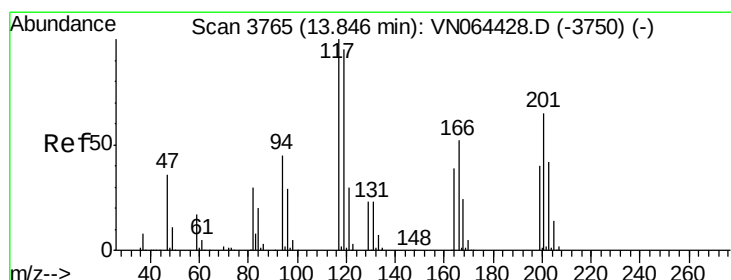
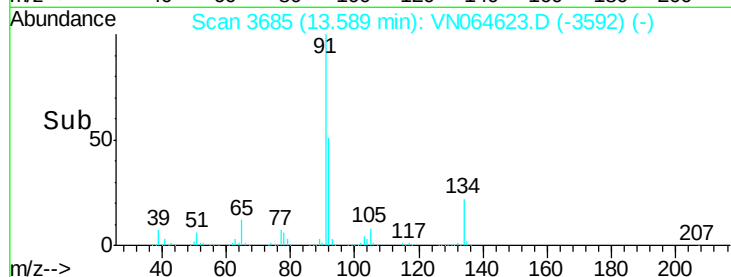
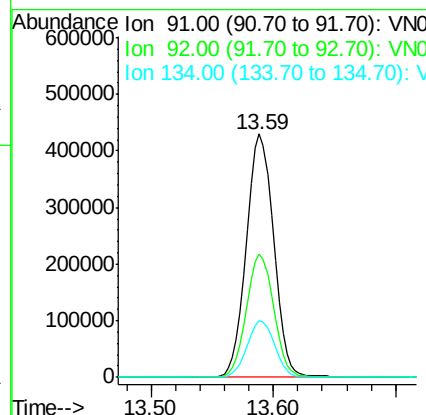
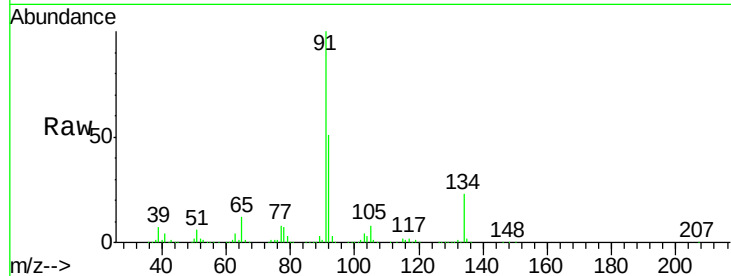
#89
n-Butylbenzene
Concen: 52.715 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.6	25.3	75.9
134	23.4	11.8	35.4

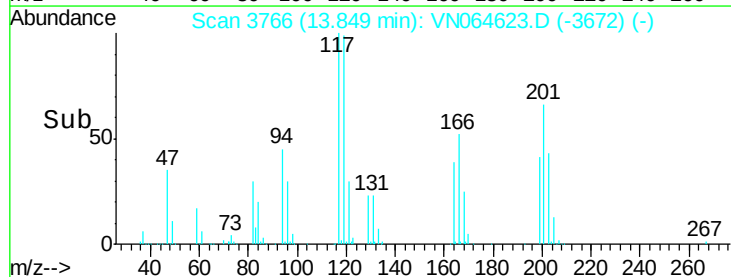
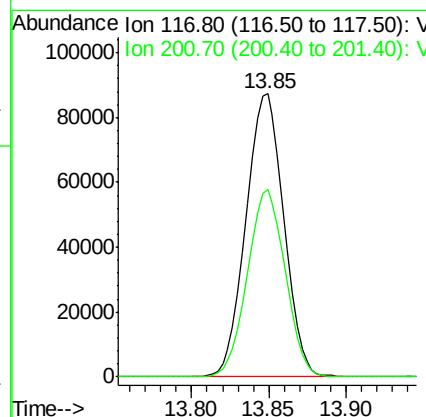
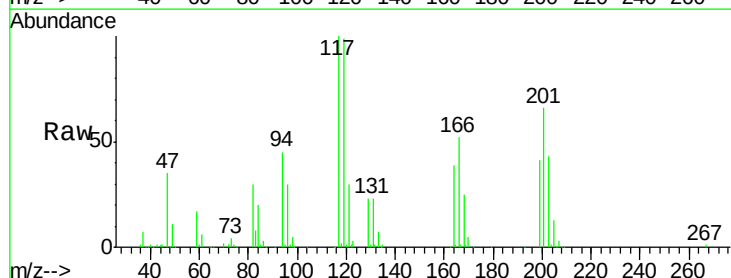
Manual Integrations
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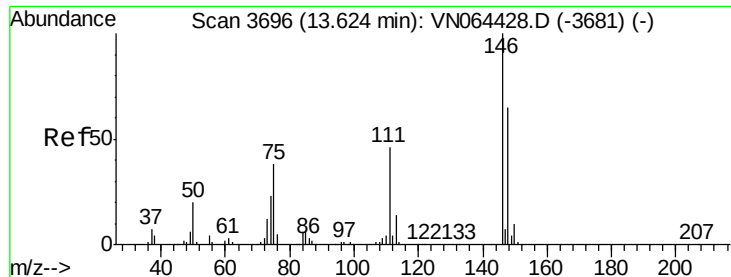
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#90
Hexachloroethane
Concen: 52.843 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

Tgt Ion	Ratio	Lower	Upper
117	100		
201	65.9	32.5	97.5





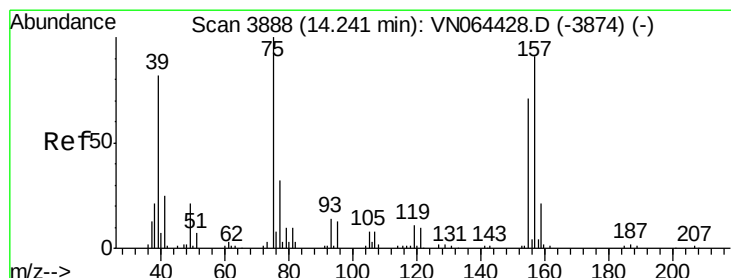
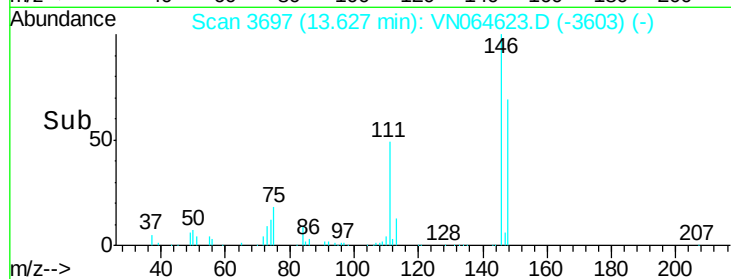
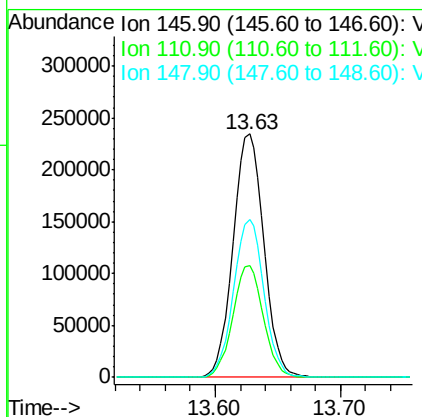
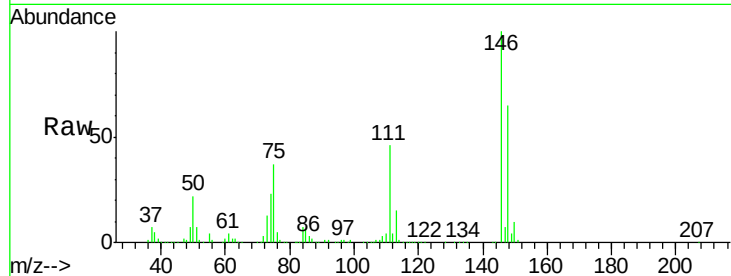
#91
 1,2-Dichlorobenzene
 Concen: 49.514 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064623.D
 Acq: 13 Nov 2020 11:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.4	22.9	68.7
148	64.0	32.0	96.2

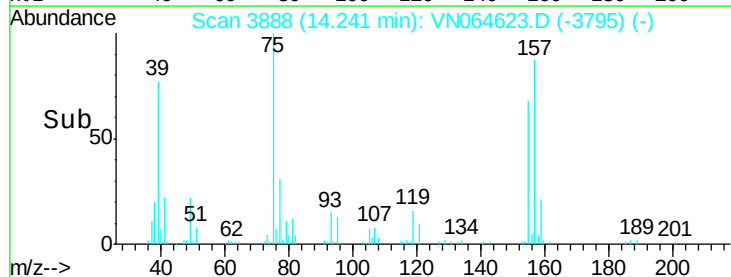
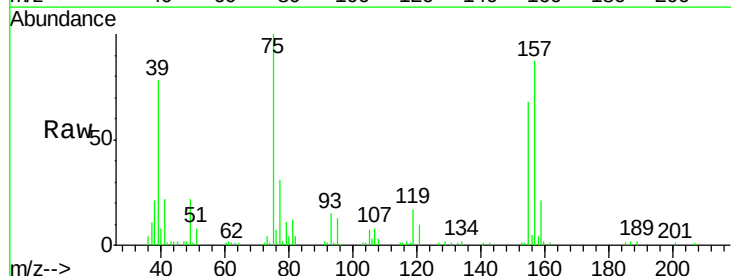
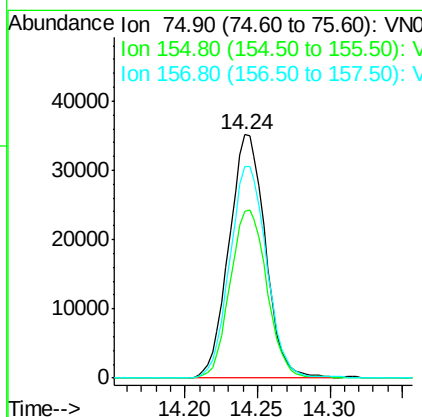
Manual Integrations
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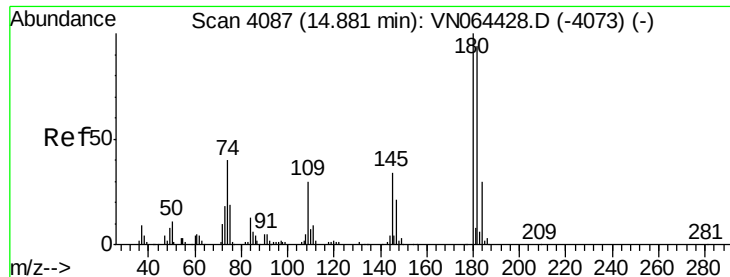
MMDadoda
 11/17/2020 6:41:24 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.276 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064623.D
 Acq: 13 Nov 2020 11:04

Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.6	34.6	103.9
157	87.8	43.0	128.8





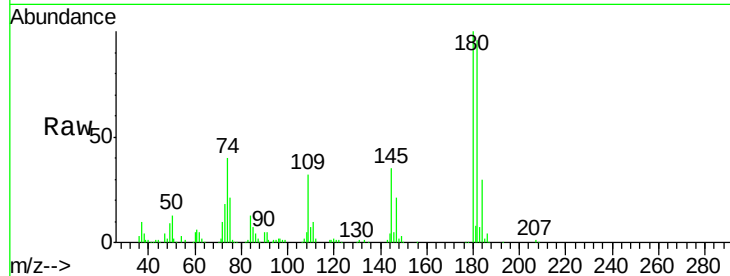
#93
1,2,4-Trichlorobenzene
Concen: 45.262 ug/l
RT: 14.88 min Scan# 4087
Delta R.T. 0.00 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

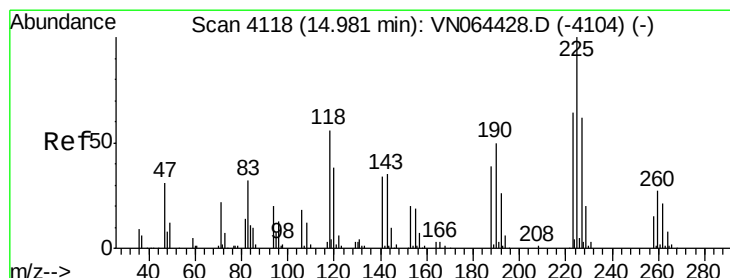
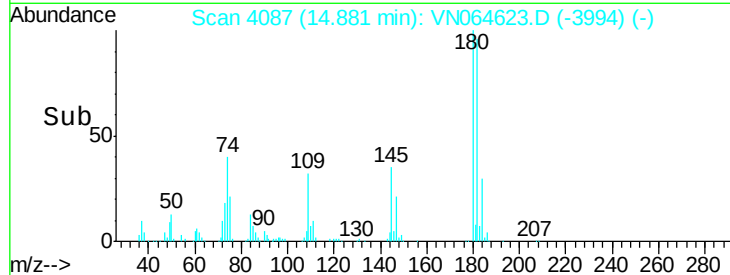
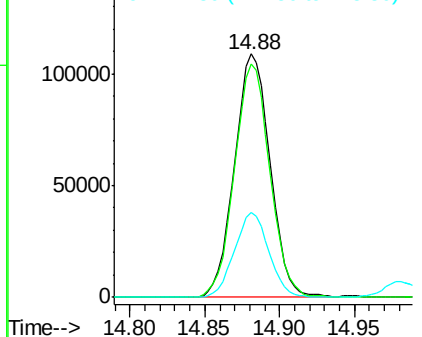
Tot Ion	Ratio	Resp	Lower	Upper
180	100	181039		
182	94.7	47.3	142.0	
145	33.9	16.7	50.1	

Manual Integrations
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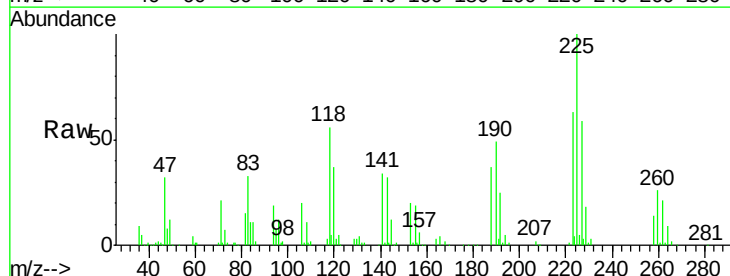


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

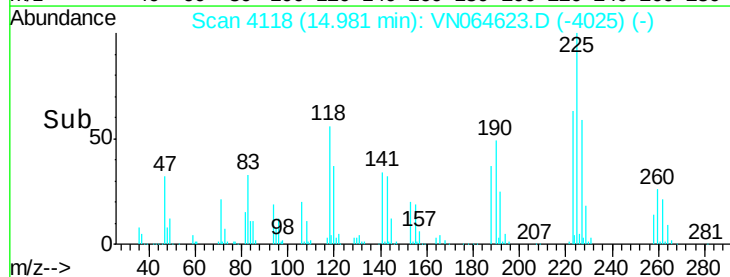
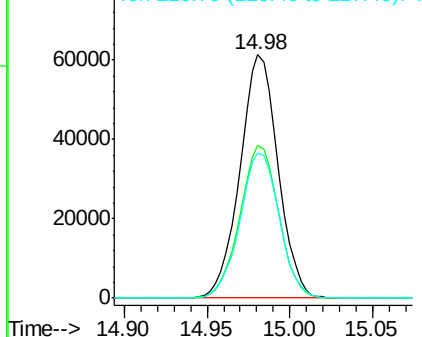


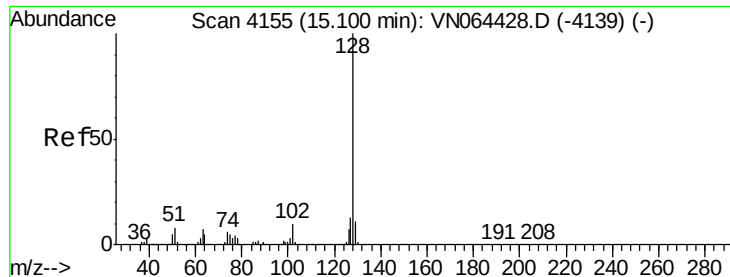
#94
Hexachlorobutadiene
Concen: 59.330 ug/l
RT: 14.98 min Scan# 4118
Delta R.T. -0.00 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	97732		
223	63.8	31.8	95.4	
227	61.7	31.8	95.4	



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





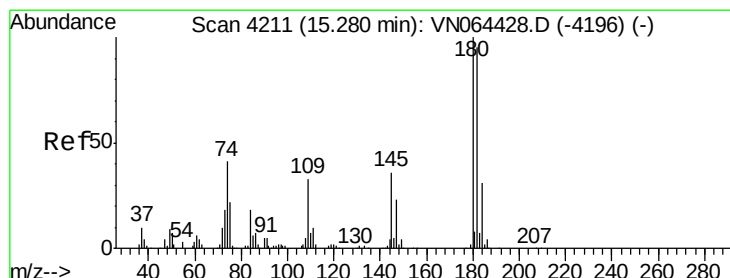
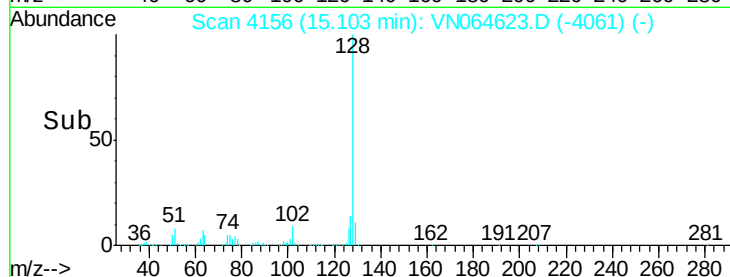
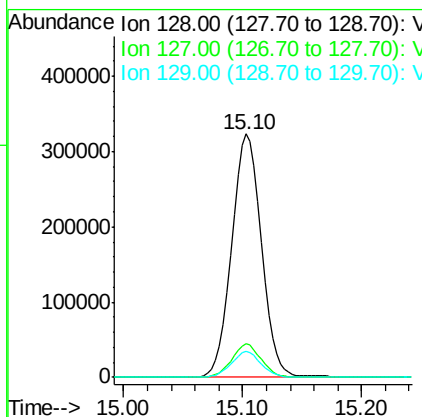
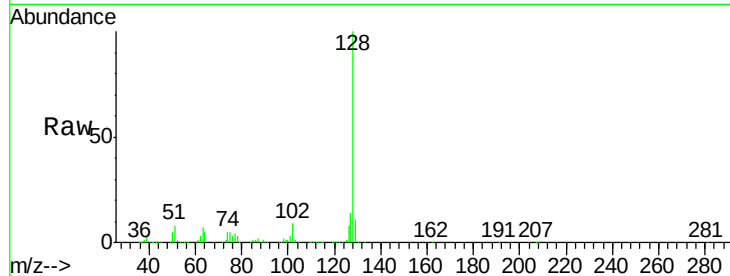
#95
Naphthalene
Concen: 41.422 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.5	15.7
129	10.6	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 47.621 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.7	143.1
145	34.5	18.3	54.8

