

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111220\
 Data File : VN064596.D
 Acq On : 12 Nov 2020 21:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/13/2020 11:43:04 AM

Quant Time: Nov 13 04:04:46 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	7.63	168	298151	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	541204	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	508559	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	248074	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	260250	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
35) Dibromofluoromethane	7.55	113	182416	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
50) Toluene-d8	10.06	98	676875	47.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.06%	
62) 4-Bromofluorobenzene	12.38	95	256965	47.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	172088	44.339	ug/l	99
3) Chloromethane	2.04	50	205372	43.564	ug/l	98
4) Vinyl Chloride	2.17	62	229222	47.350	ug/l	97
5) Bromomethane	2.53	94	149751	48.421	ug/l	99
6) Chloroethane	2.67	64	157775	50.904	ug/l	95
7) Trichlorofluoromethane	2.98	101	365171	51.227	ug/l	100
8) Diethyl Ether	3.37	74	132811	52.758	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	158008	46.677	ug/l	99
10) Methyl Iodide	3.90	142	199529	50.727	ug/l	97
11) Tert butyl alcohol	4.76	59	159511	278.516	ug/l #	82
12) 1,1-Dichloroethene	3.69	96	151421	47.488	ug/l	92
13) Acrolein	3.57	56	88351	248.702	ug/l	97
14) Allyl chloride	4.27	41	289077	46.344	ug/l	99
15) Acrylonitrile	4.94	53	448600	281.340	ug/l	98
16) Acetone	3.78	43	422508	213.578	ug/l	100
17) Carbon Disulfide	4.00	76	442444	46.399	ug/l	97
18) Methyl Acetate	4.29	43	235319	60.506	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	567712	49.468	ug/l	99
20) Methylene Chloride	4.50	84	188756	48.091	ug/l	95
21) trans-1,2-Dichloroethene	4.98	96	173517	47.927	ug/l	99
22) Diisopropyl ether	5.91	45	648657	48.989	ug/l	97
23) Vinyl Acetate	5.85	43	2705915	251.211	ug/l	99
24) 1,1-Dichloroethane	5.79	63	354074	48.664	ug/l	99
25) 2-Butanone	6.79	43	648747	257.383	ug/l	98
26) 2,2-Dichloropropane	6.78	77	264511	40.160	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	200296	47.744	ug/l	96
28) Bromochloromethane	7.15	49	172014	48.097	ug/l	99
29) Tetrahydrofuran	7.17	42	431148	278.805	ug/l	99
30) Chloroform	7.33	83	388118	50.747	ug/l	95
31) Cyclohexane	7.61	56	268121	42.471	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	342064	50.426	ug/l	99
36) 1,1-Dichloropropene	7.75	75	267941	46.864	ug/l	98
37) Ethyl Acetate	6.89	43	279192	48.142	ug/l	98
38) Carbon Tetrachloride	7.73	117	301678	49.370	ug/l	98

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MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	225839	44.064	ug/l	98
40) Benzene	8.00	78	800646	47.655	ug/l	99
41) Methacrylonitrile	7.13	41	122831	48.458	ug/l	96
42) 1,2-Dichloroethane	8.09	62	334949	49.402	ug/l	100
43) Isopropyl Acetate	8.13	43	470463	50.775	ug/l	100
44) Trichloroethene	8.80	130	194869	45.972	ug/l	99
45) 1,2-Dichloropropane	9.09	63	216327	48.257	ug/l	99
46) Dibromomethane	9.18	93	153699	52.084	ug/l	99
47) Bromodichloromethane	9.37	83	322214	50.780	ug/l	98
48) Methyl methacrylate	9.17	41	243202	52.017	ug/l	100
49) 1,4-Dioxane	9.17	88	72512	1177.482	ug/l	98
51) 4-Methyl-2-Pentanone	9.96	43	1509822	279.419	ug/l	99
52) Toluene	10.13	92	504345	49.219	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	327251	48.647	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	343248	47.724	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	202962	50.788	ug/l	97
56) Ethyl methacrylate	10.40	69	296081	45.214	ug/l	98
57) 1,3-Dichloropropane	10.68	76	353132	50.625	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	801025	257.151	ug/l	97
59) 2-Hexanone	10.72	43	1099760	249.602	ug/l	100
60) Dibromochloromethane	10.87	129	240493	53.750	ug/l	99
61) 1,2-Dibromoethane	10.98	107	212734	52.481	ug/l	99
64) Tetrachloroethene	10.60	164	181449	46.318	ug/l	97
65) Chlorobenzene	11.41	112	529733	47.515	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	213074	51.230	ug/l	99
67) Ethyl Benzene	11.48	91	970191	48.924	ug/l	99
68) m/p-Xylenes	11.59	106	721748	100.357	ug/l	98
69) o-Xylene	11.92	106	339691	48.880	ug/l	98
70) Styrene	11.94	104	604638	51.704	ug/l	99
71) Bromoform	12.10	173	158325	50.679	ug/l #	99
73) Isopropylbenzene	12.22	105	900924	45.691	ug/l	99
74) N-amyl acetate	12.05	43	418201	43.883	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	302725	49.985	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	284777m	47.379	ug/l	
77) Bromobenzene	12.50	156	218587	45.407	ug/l	99
78) n-propylbenzene	12.57	91	1053751	46.876	ug/l	99
79) 2-Chlorotoluene	12.65	91	662346	46.456	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	780890	48.006	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	98645	45.824	ug/l	96
82) 4-Chlorotoluene	12.75	91	698164	46.758	ug/l	98
83) tert-Butylbenzene	12.97	119	600190	47.243	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	786946	48.124	ug/l	99
85) sec-Butylbenzene	13.15	105	791340	49.183	ug/l	100
86) p-Isopropyltoluene	13.26	119	711415	49.157	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	393196	47.250	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	388050	45.124	ug/l	99
89) n-Butylbenzene	13.59	91	586825	47.160	ug/l	100
90) Hexachloroethane	13.85	117	144144	51.631	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	394743	49.315	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	66326	55.006	ug/l	98

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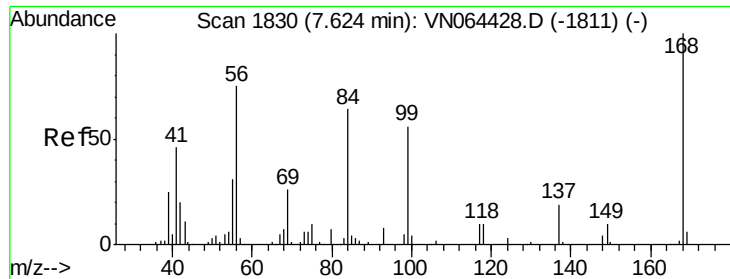
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	170533	43.221	ug/l	99
94) Hexachlorobutadiene	14.98	225	85379	52.388	ug/l	98
95) Naphthalene	15.10	128	571062	42.553	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	174411	45.549	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064596.D

Acq: 12 Nov 2020 21:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 298151

Ion Ratio Lower Upper

168 100

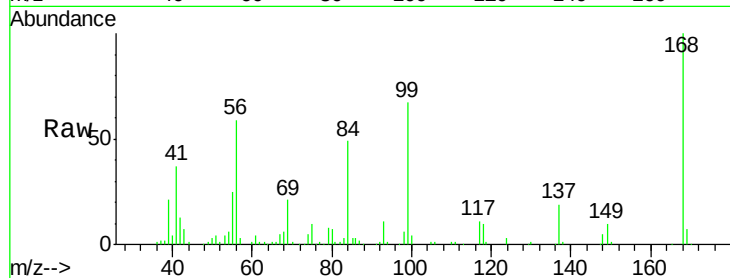
99 66.1 53.4 80.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

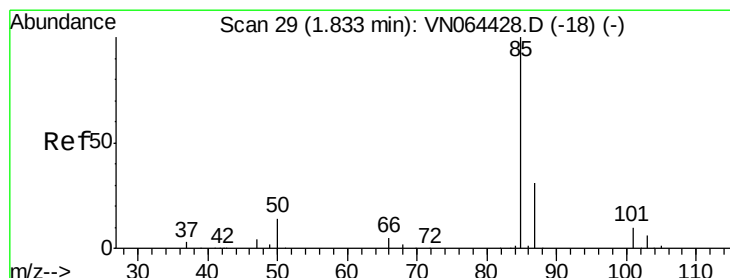
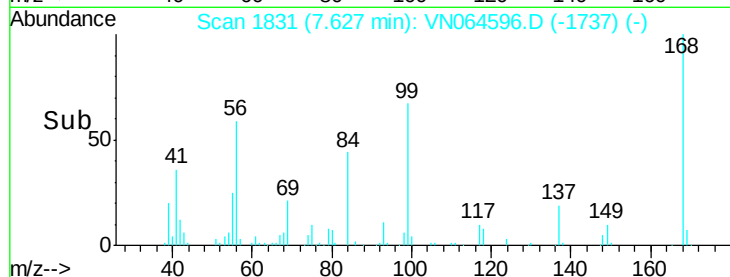
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 44.339 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN064596.D

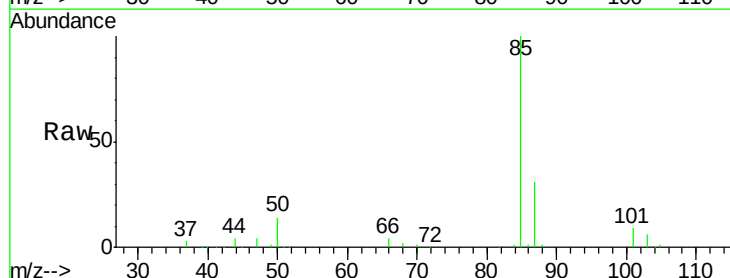
Acq: 12 Nov 2020 21:17

Tgt Ion: 85 Resp: 172088

Ion Ratio Lower Upper

85 100

87 30.9 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

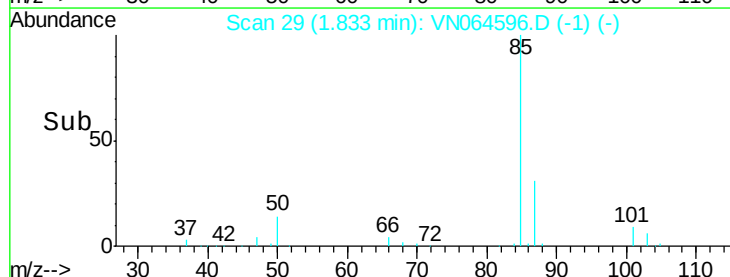
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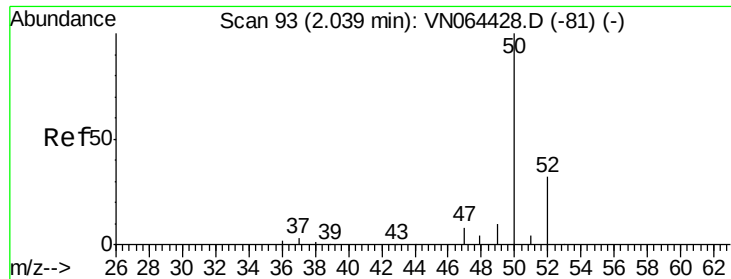
100000

50000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 43.564 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064596.D

Acq: 12 Nov 2020 21:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 205372

Ion Ratio Lower Upper

50 100

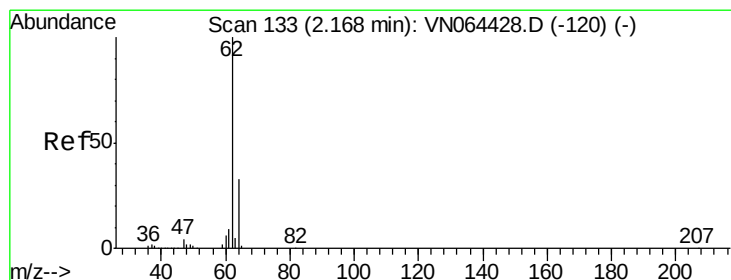
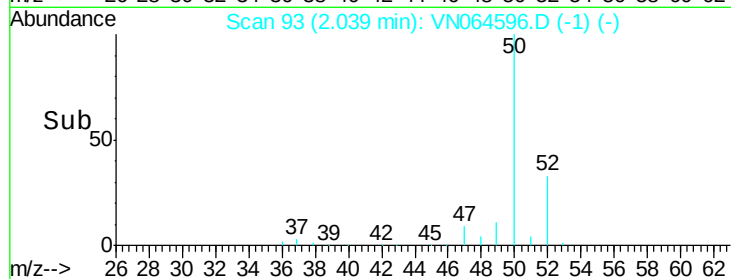
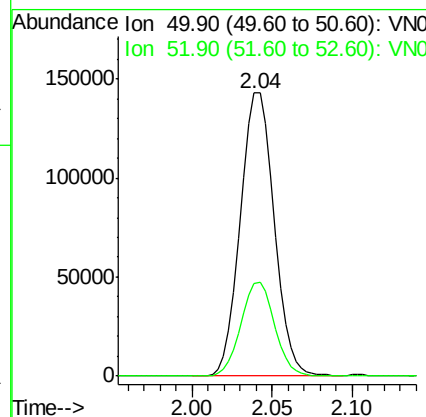
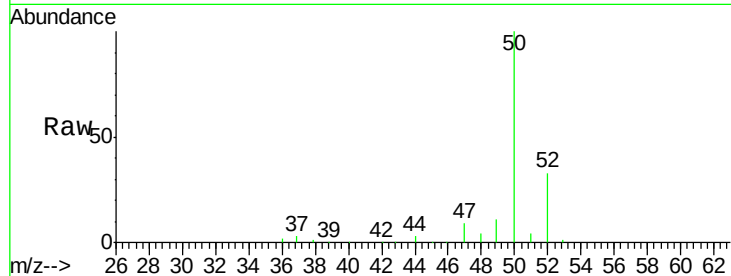
52 32.8 25.3 37.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 47.350 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064596.D

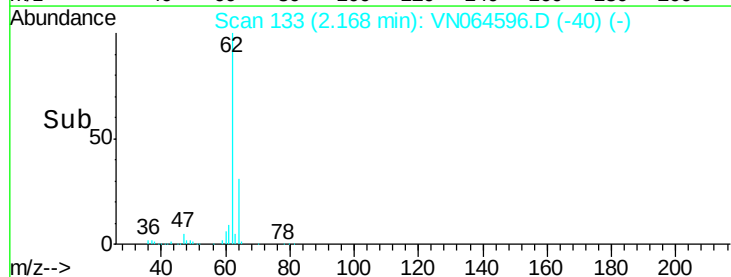
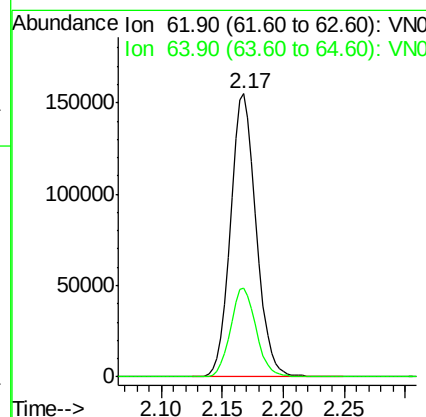
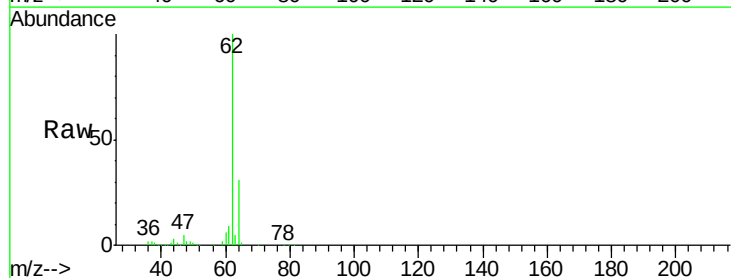
Acq: 12 Nov 2020 21:17

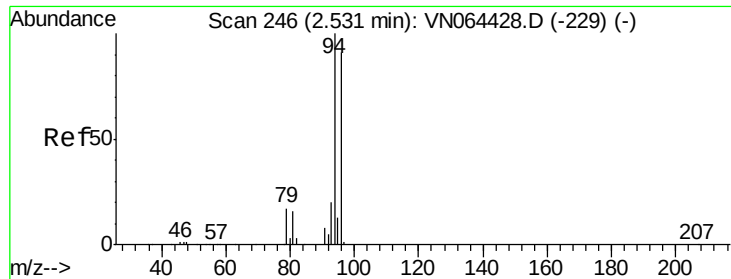
Tgt Ion: 62 Resp: 229222

Ion Ratio Lower Upper

62 100

64 31.3 26.3 39.5





#5

Bromomethane

Concen: 48.421 ug/l

RT: 2.53 min Scan# 245

Delta R.T. -0.00 min

Lab File: VN064596.D

Acq: 12 Nov 2020 21:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 149751

Ion Ratio Lower Upper

94 100

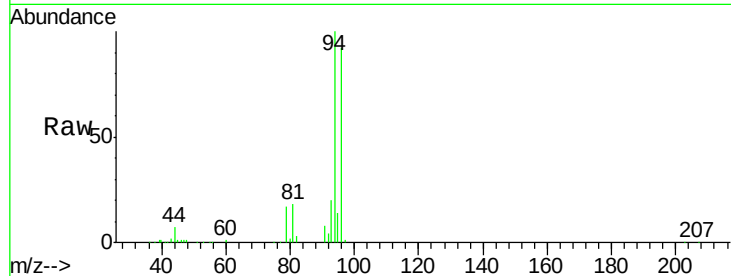
96 92.5 73.1 109.7

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.53

80000

60000

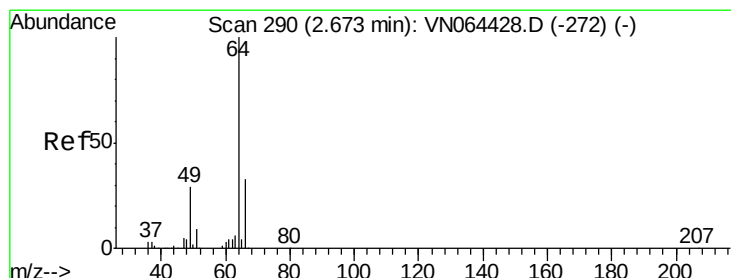
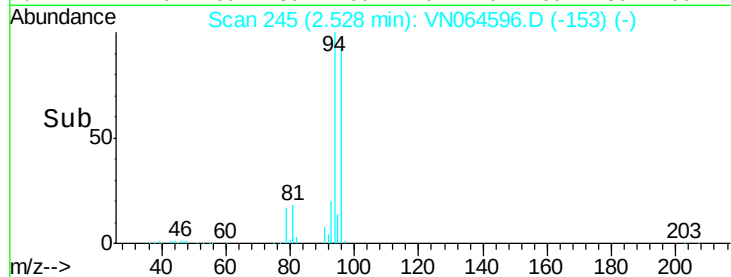
40000

20000

0

Time-->

2.50 2.60



#6

Chloroethane

Concen: 50.904 ug/l

RT: 2.67 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN064596.D

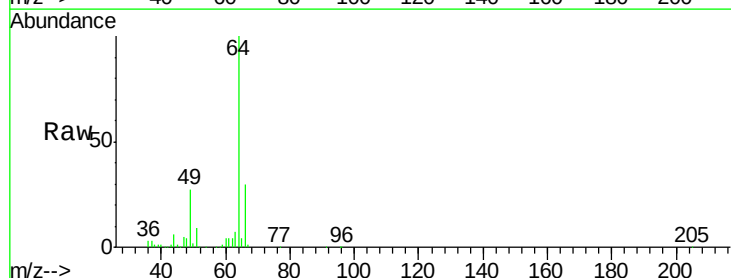
Acq: 12 Nov 2020 21:17

Tgt Ion: 64 Resp: 157775

Ion Ratio Lower Upper

64 100

66 29.7 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.67

80000

60000

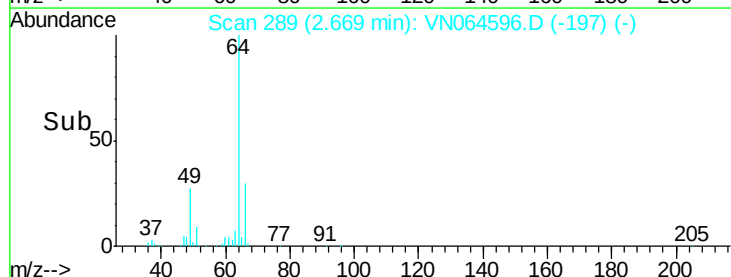
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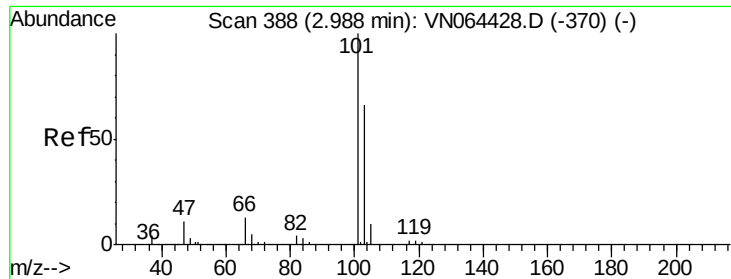
20000

0

Time-->

2.60 2.65 2.70 2.75





#7

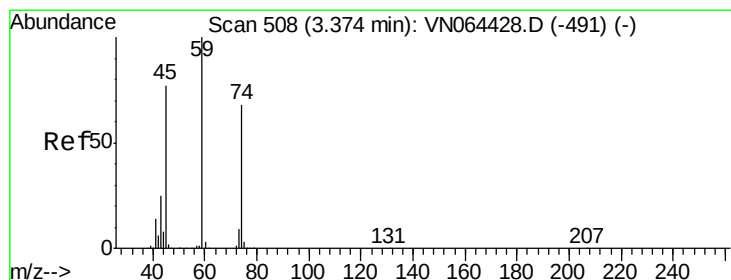
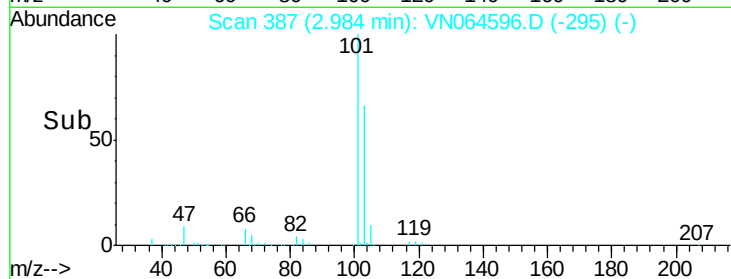
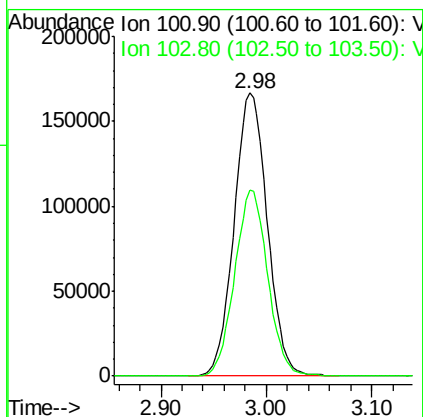
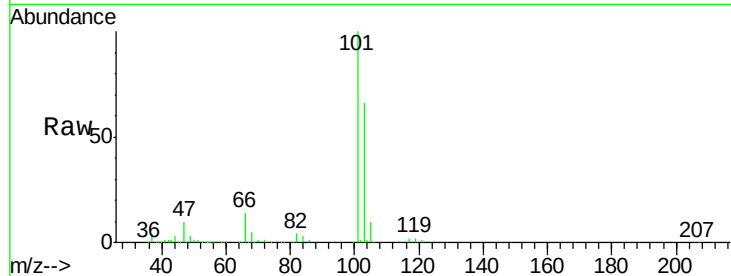
Trichlorofluoromethane
 Concen: 51.227 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. -0.00 min
 Lab File: VN064596.D
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 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		365171		
103	65.8	52.4	78.6		

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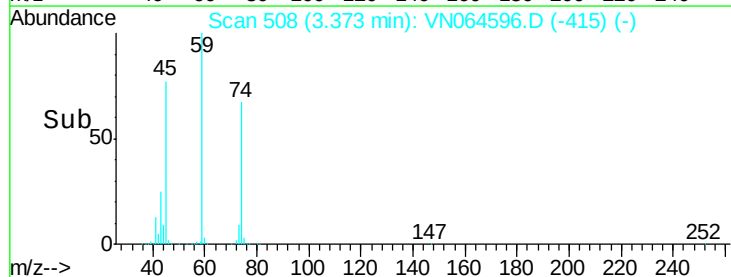
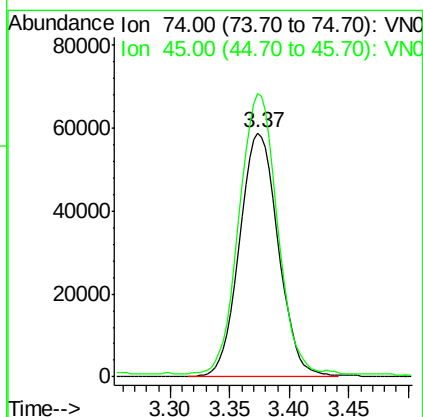
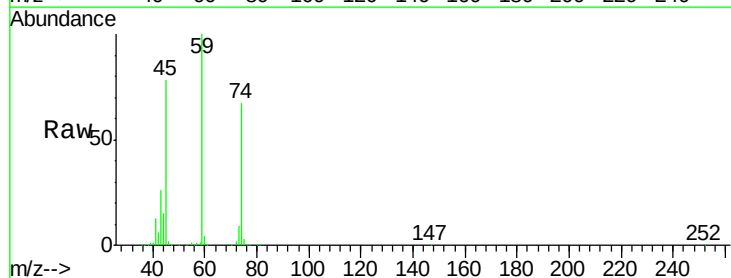
MMDadoda
 11/13/2020 11:43:04 AM

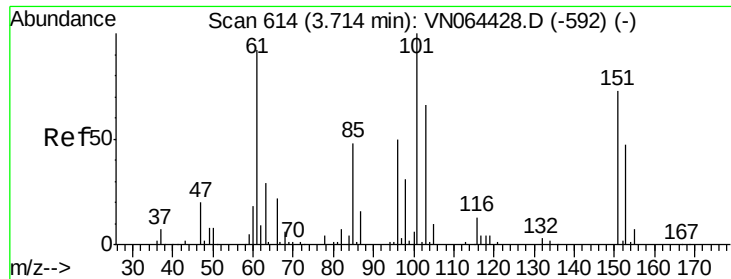


#8

Diethyl Ether
 Concen: 52.758 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN064596.D
 Acq: 12 Nov 2020 21:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		132811		
45	113.5	55.9	167.6		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.677 ug/l

RT: 3.71 min Scan# 613

Delta R.T. -0.00 min

Lab File: VN064596.D

Acq: 12 Nov 2020 21:17

Instrument :

MSVOA_N

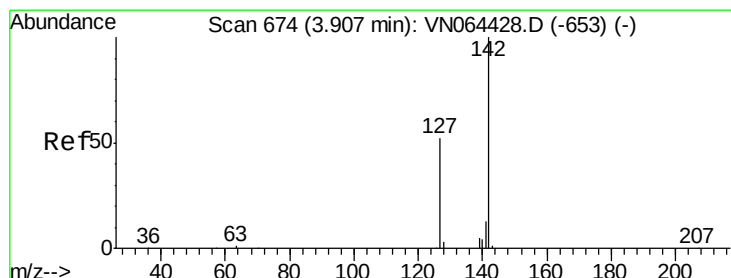
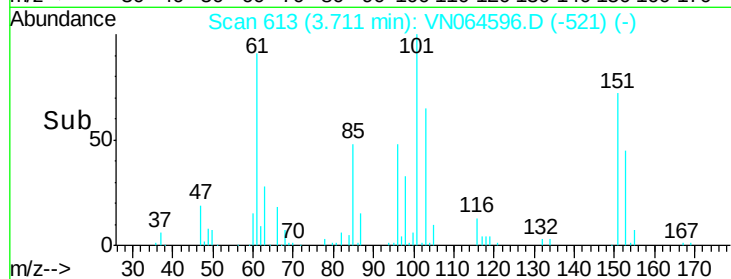
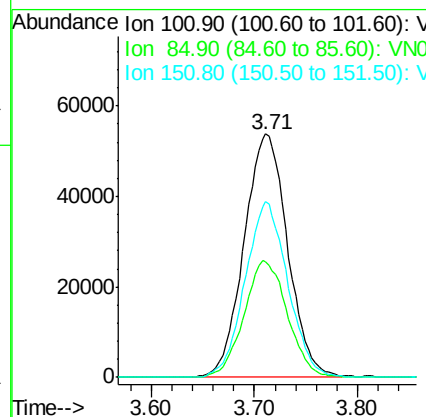
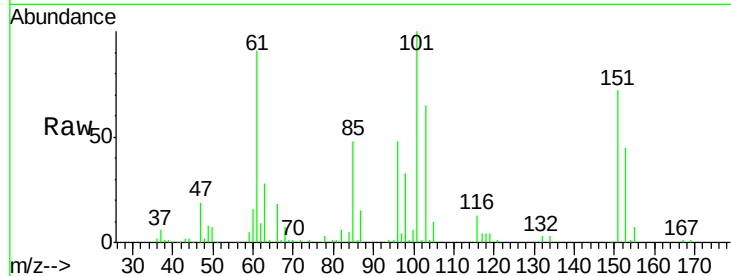
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	158008
Ion Ratio	Lower	Upper	
101	100		
85	47.6	38.6	57.8
151	70.8	57.5	86.3

Manual Integrations
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11/13/2020 11:43:04 AM



#10

Methyl Iodide

Concen: 50.727 ug/l

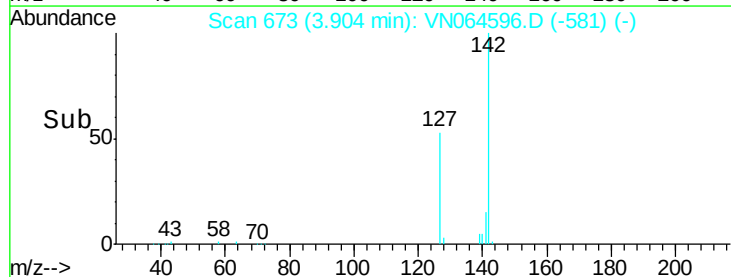
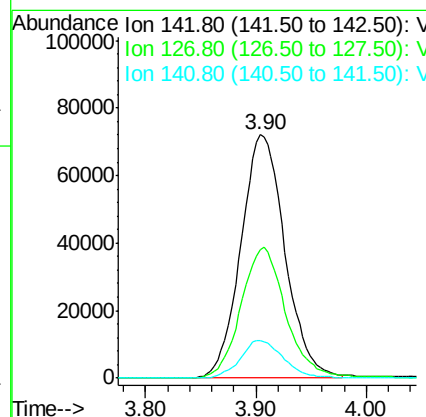
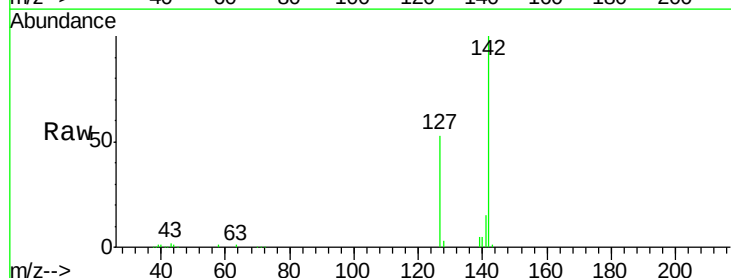
RT: 3.90 min Scan# 673

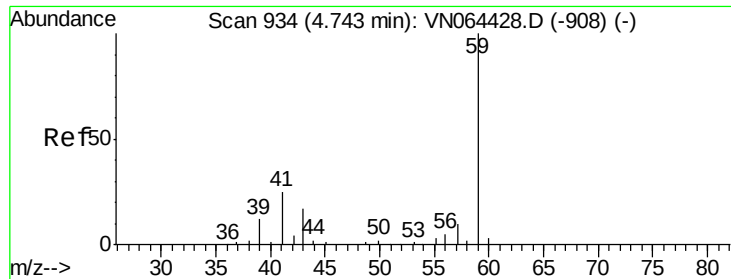
Delta R.T. -0.00 min

Lab File: VN064596.D

Acq: 12 Nov 2020 21:17

Tgt Ion:	142	Resp:	199529
Ion Ratio	Lower	Upper	
142	100		
127	54.6	41.8	62.8
141	15.1	11.4	17.2





#11

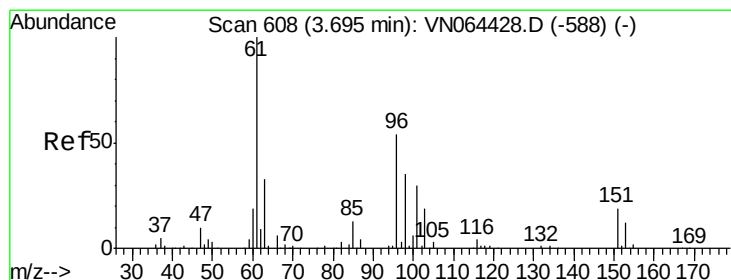
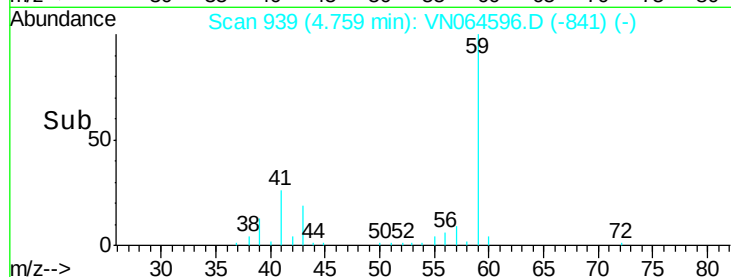
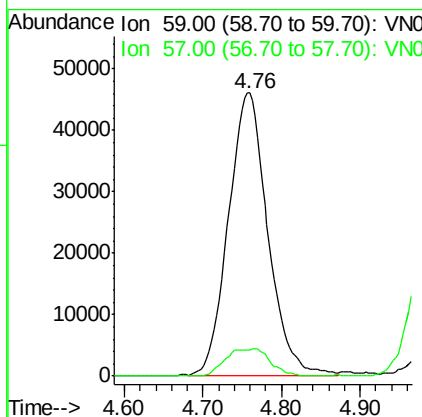
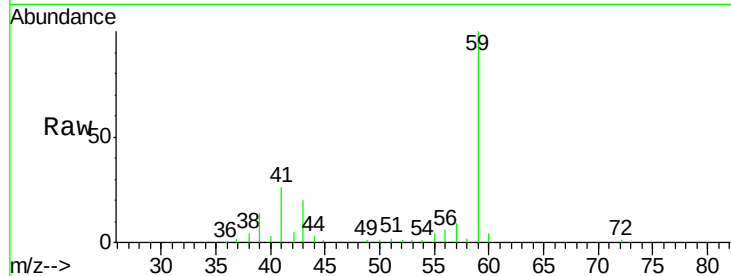
Tert butyl alcohol
 Concen: 278.516 ug/l
 RT: 4.76 min Scan# 939
 Delta R.T. 0.02 min
 Lab File: VN064596.D
 Acq: 12 Nov 2020 21:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	159511		
57	57	4.5	9.0	13.4#	

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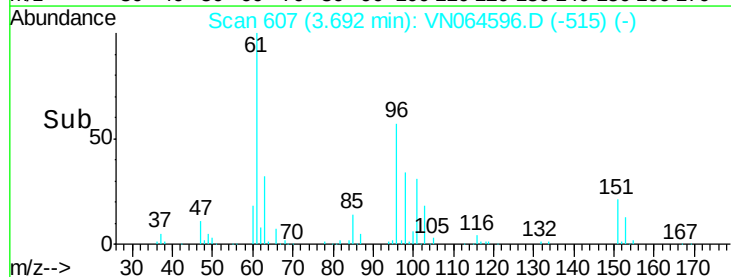
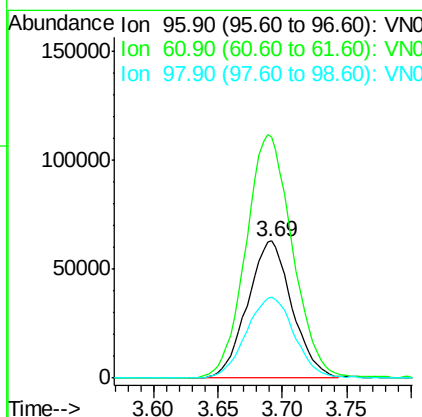
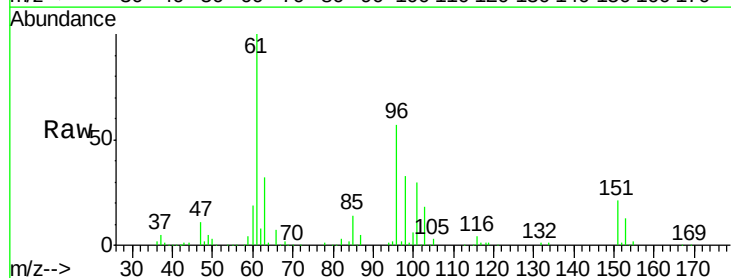
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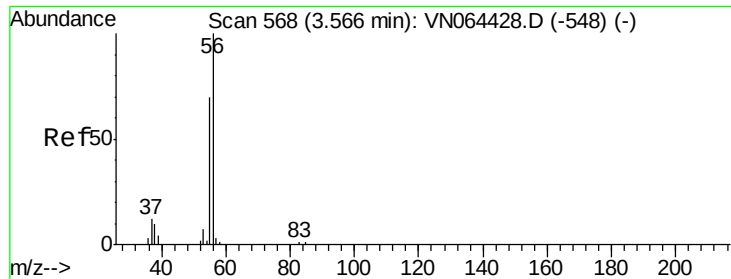


#12

1,1-Dichloroethene
 Concen: 47.488 ug/l
 RT: 3.69 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: VN064596.D
 Acq: 12 Nov 2020 21:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	151421		
61	61	175.9	149.5	224.3	
98	98	58.9	52.4	78.6	





#13

Acrolein

Concen: 248.702 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN064596.D

Acq: 12 Nov 2020 21:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 88351

Ion Ratio Lower Upper

56 100

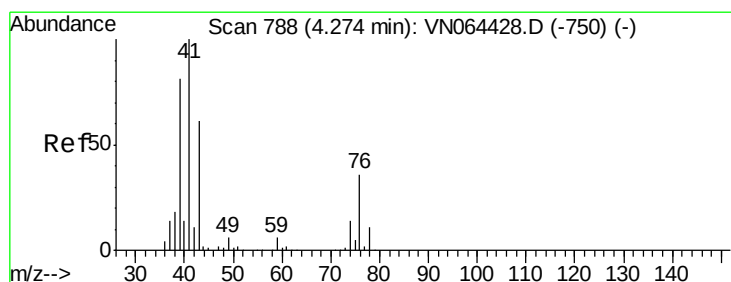
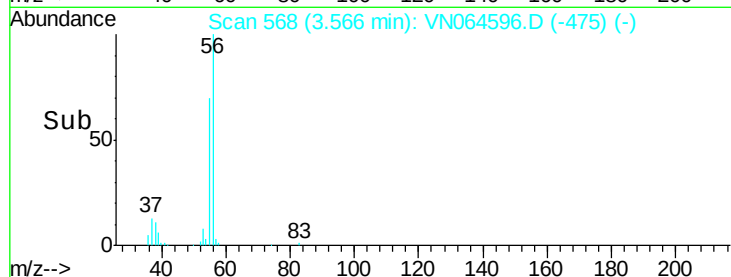
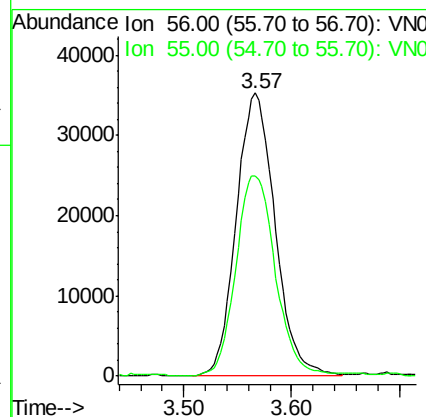
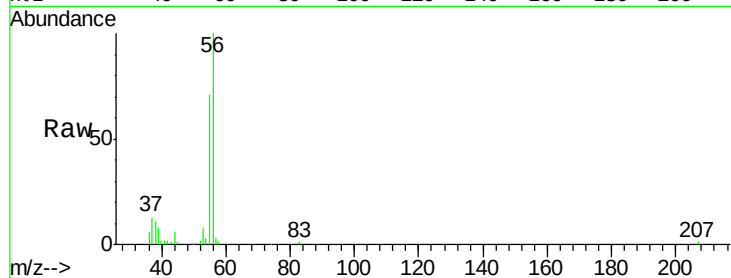
55 72.5 55.9 83.9

Manual Integrations

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#14

Allyl chloride

Concen: 46.344 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN064596.D

Acq: 12 Nov 2020 21:17

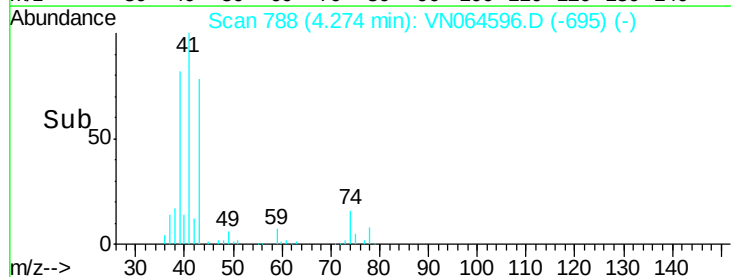
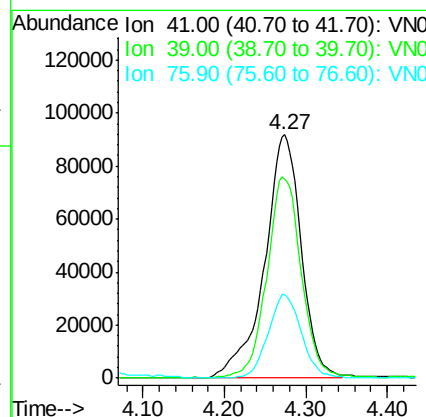
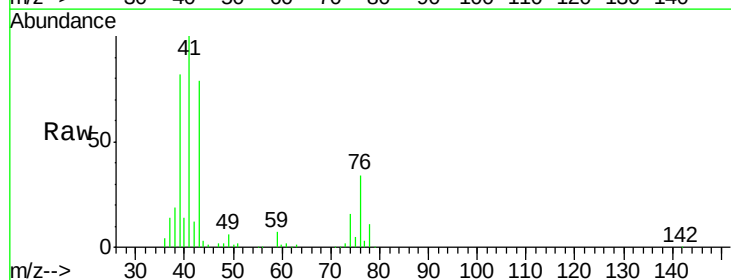
Tgt Ion: 41 Resp: 289077

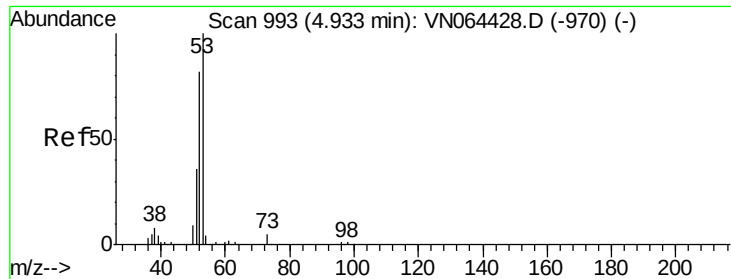
Ion Ratio Lower Upper

41 100

39 76.9 61.8 92.8

76 31.3 25.4 38.0





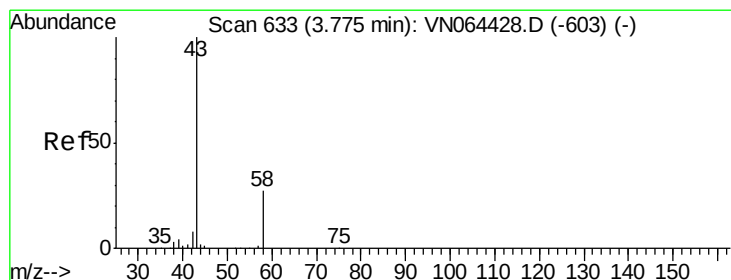
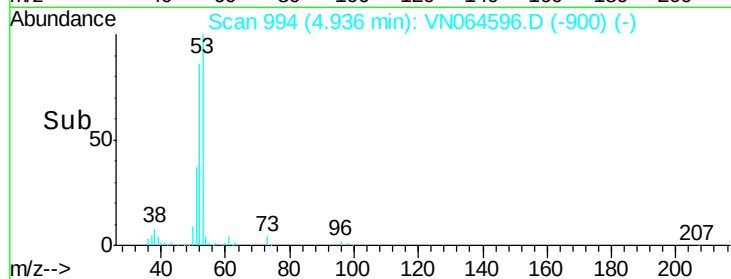
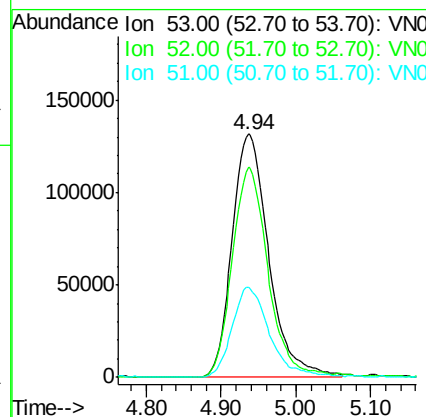
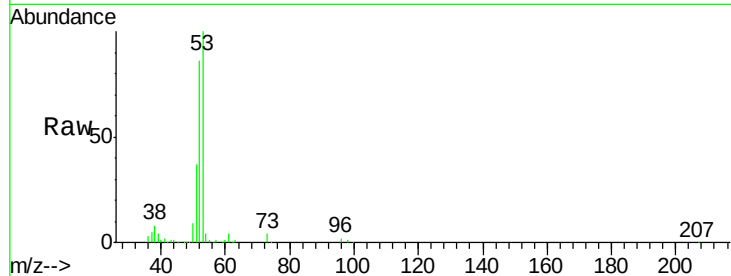
#15
 Acrylonitrile
 Concen: 281.340 ug/l
 RT: 4.94 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VN064596.D
 Acq: 12 Nov 2020 21:17

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
53	100		
52	83.9	65.6	98.4
51	37.5	29.9	44.9

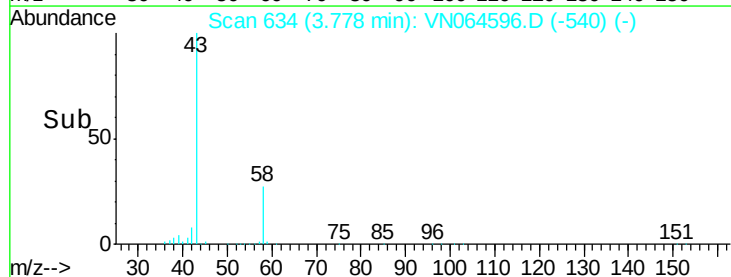
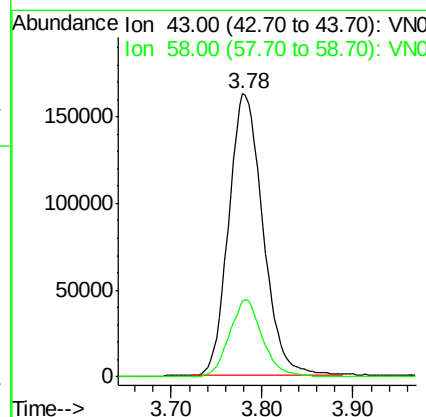
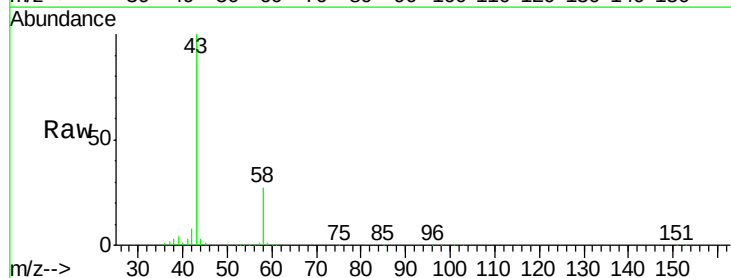
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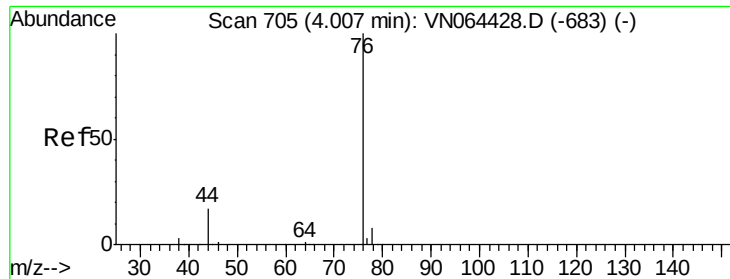
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#16
 Acetone
 Concen: 213.578 ug/l
 RT: 3.78 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VN064596.D
 Acq: 12 Nov 2020 21:17

Tgt Ion	Ratio	Lower	Upper
43	100		
58	26.9	21.4	32.0





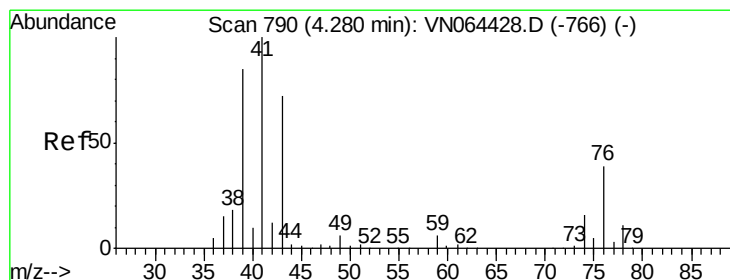
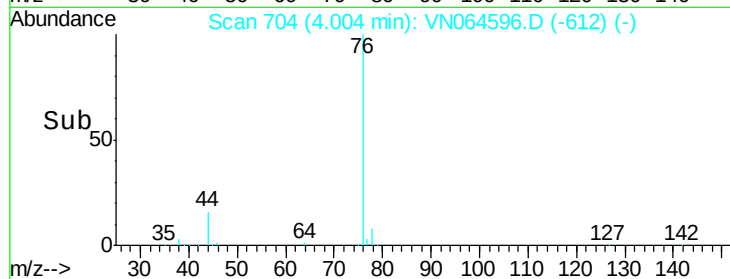
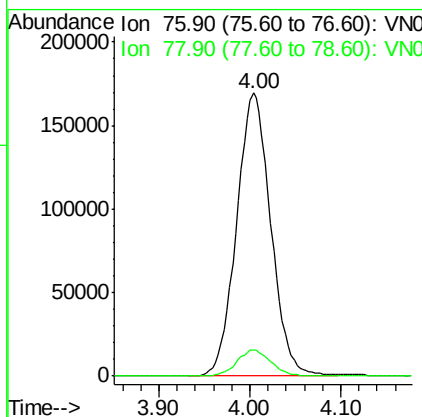
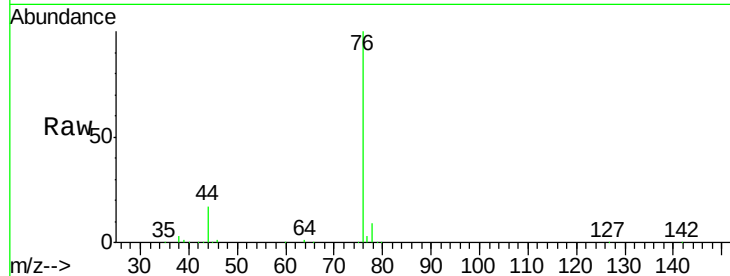
#17
Carbon Disulfide
Concen: 46.399 ug/l
RT: 4.00 min Scan# 704
Delta R.T. -0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	6.8	10.2

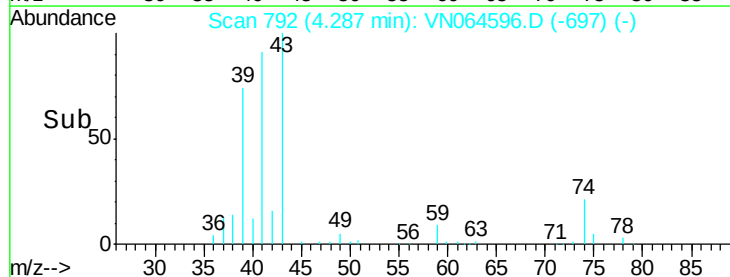
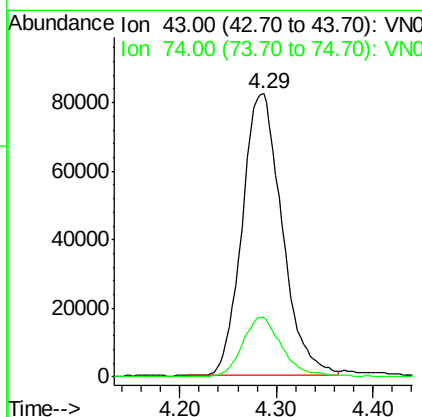
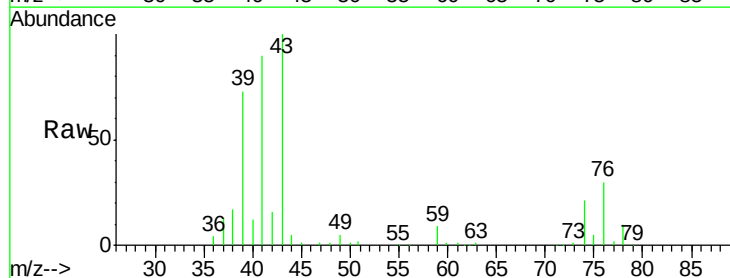
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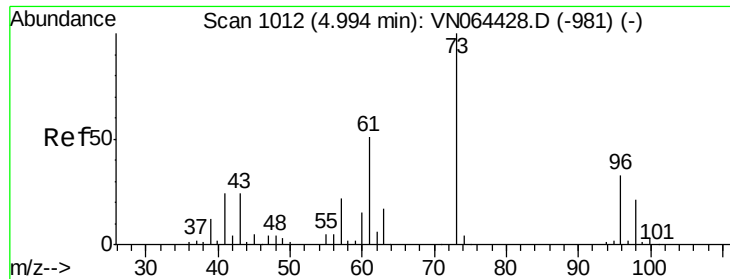
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#18
Methyl Acetate
Concen: 60.506 ug/l
RT: 4.29 min Scan# 792
Delta R.T. 0.01 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.9	17.0	25.4





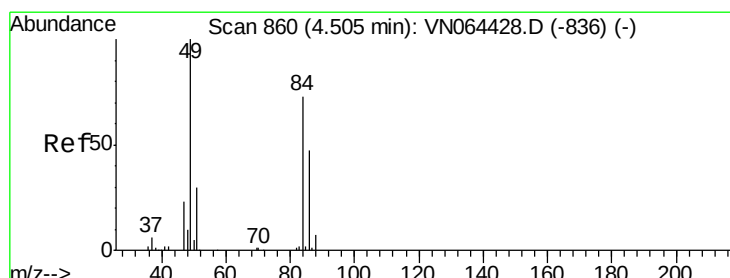
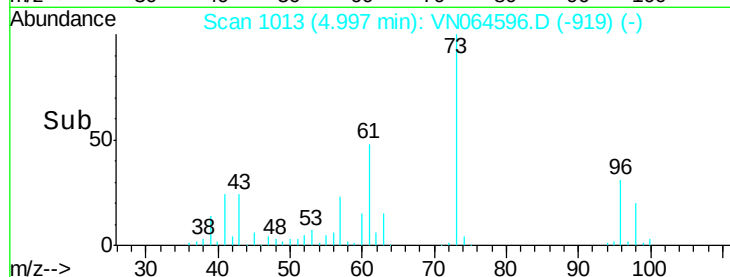
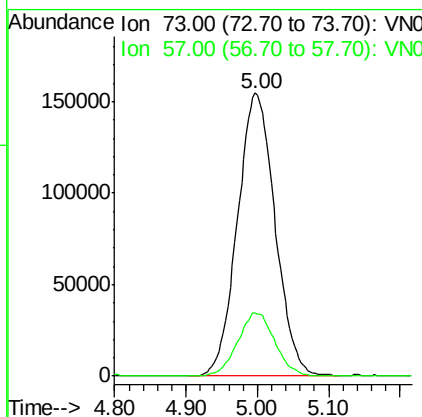
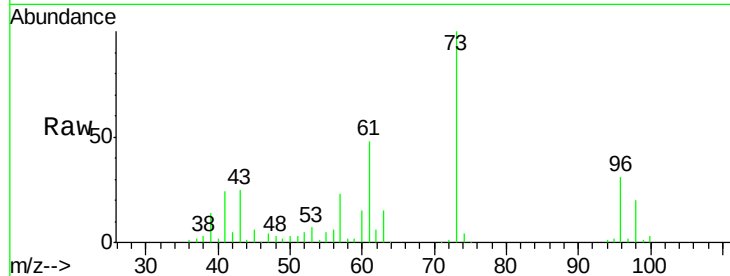
#19
Methyl tert-butyl Ether
Concen: 49.468 ug/l
RT: 5.00 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion: 73 Resp: 567712
Ion Ratio Lower Upper
73 100
57 22.5 17.7 26.5

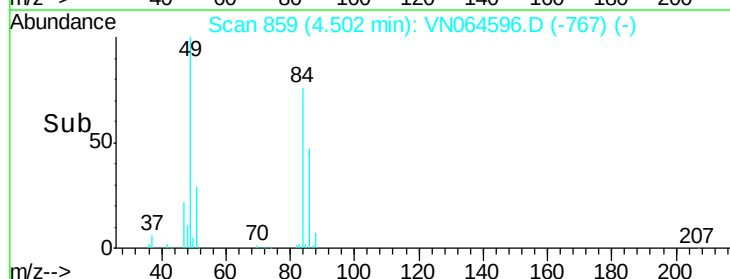
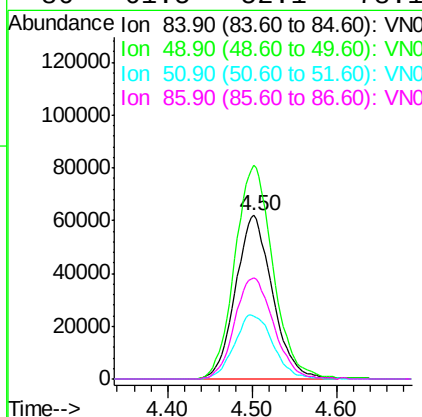
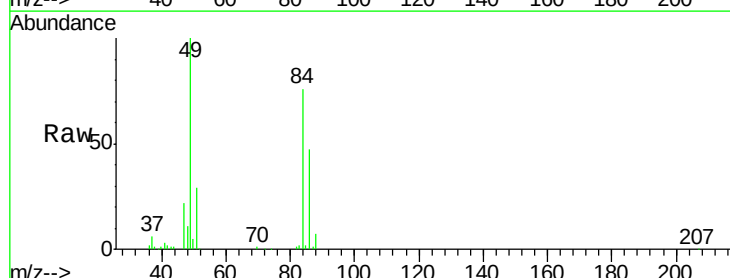
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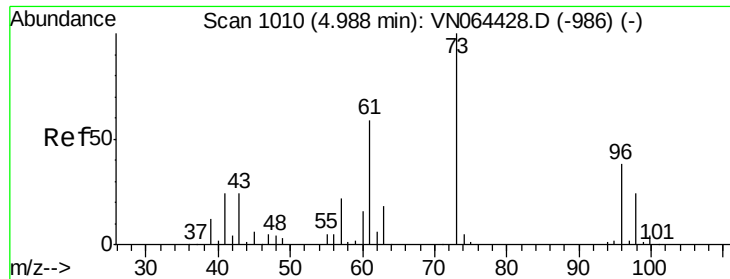
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#20
Methylene Chloride
Concen: 48.091 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

Tgt Ion: 84 Resp: 188756
Ion Ratio Lower Upper
84 100
49 130.8 110.1 165.1
51 38.5 33.6 50.4
86 61.5 52.1 78.1





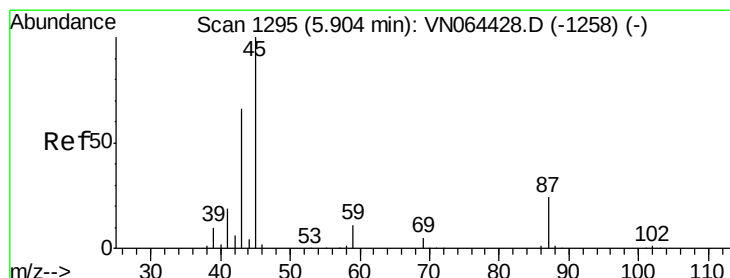
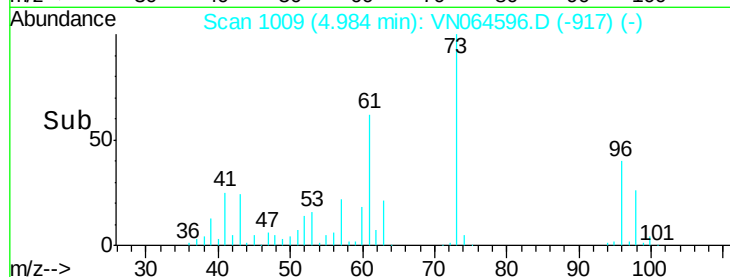
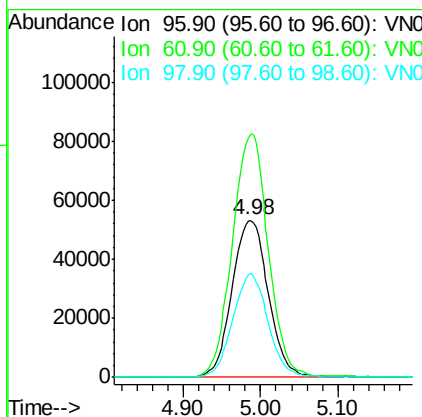
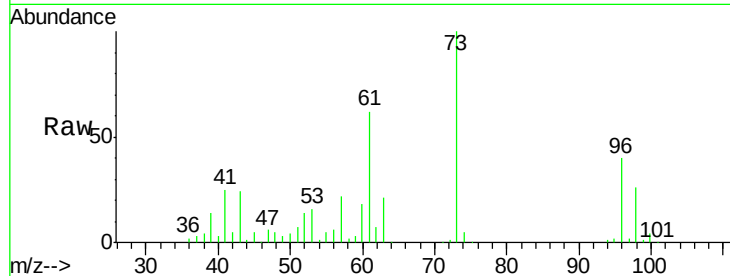
#21
trans-1,2-Dichloroethene
Concen: 47.927 ug/l
RT: 4.98 min Scan# 1009
Delta R.T. -0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	153.3	122.4	183.6
98	65.5	50.4	75.6

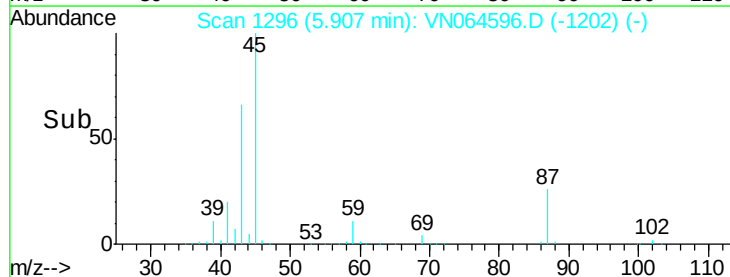
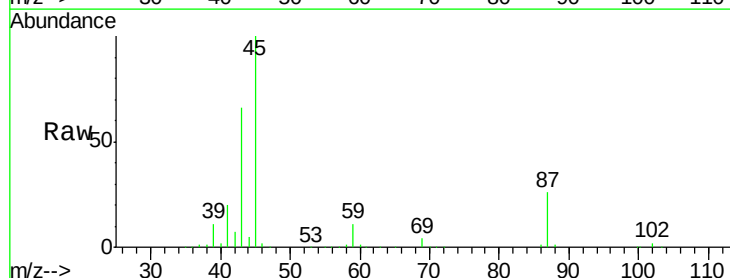
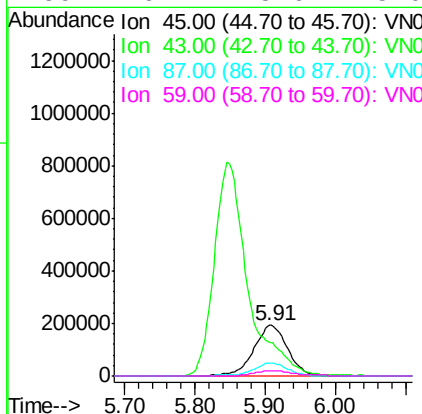
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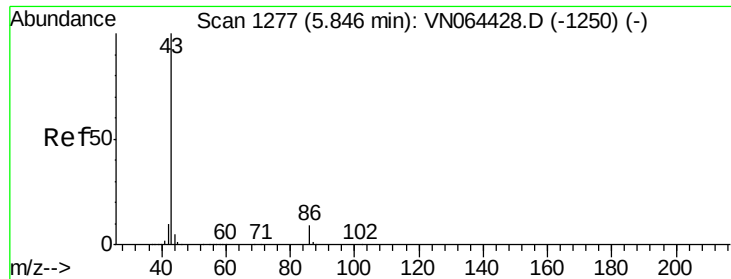
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#22
Diisopropyl ether
Concen: 48.989 ug/l
RT: 5.91 min Scan# 1296
Delta R.T. 0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

Tgt Ion	Ratio	Lower	Upper
45	100		
43	64.2	53.2	79.8
87	26.3	19.9	29.9
59	10.7	8.6	13.0





#23

Vinyl Acetate

Concen: 251.211 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VN064596.D

Acq: 12 Nov 2020 21:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2705915

Ion Ratio Lower Upper

43 100

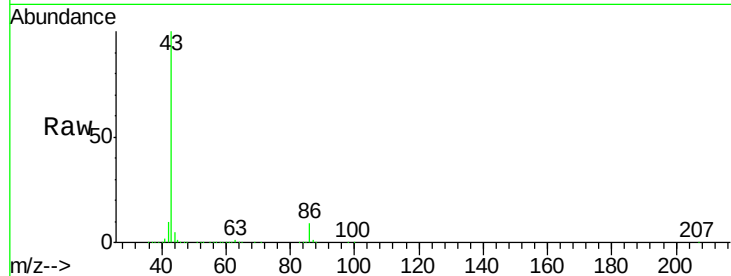
86 8.7 6.8 10.2

Manual Integrations

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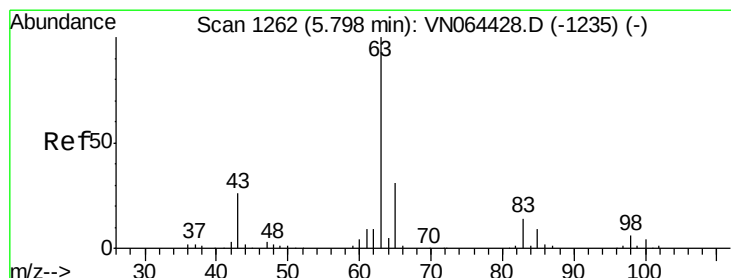
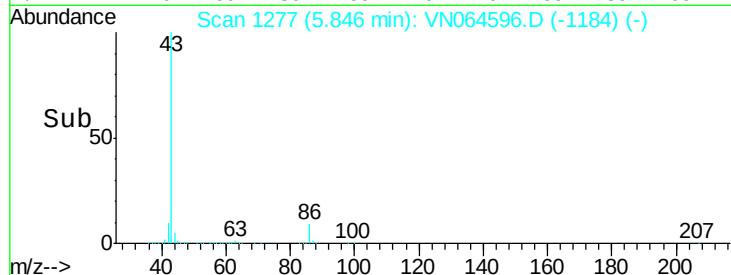
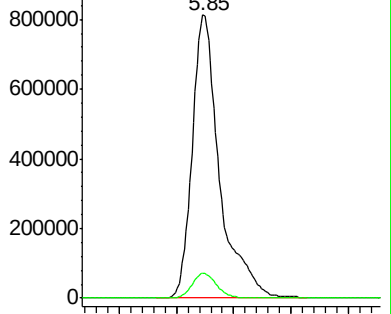
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 48.664 ug/l

RT: 5.79 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VN064596.D

Acq: 12 Nov 2020 21:17

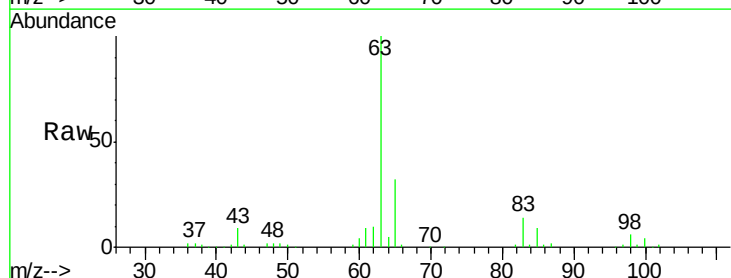
Tgt Ion: 63 Resp: 354074

Ion Ratio Lower Upper

63 100

98 6.0 3.0 9.2

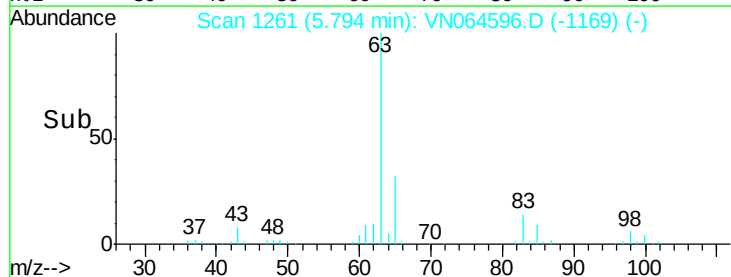
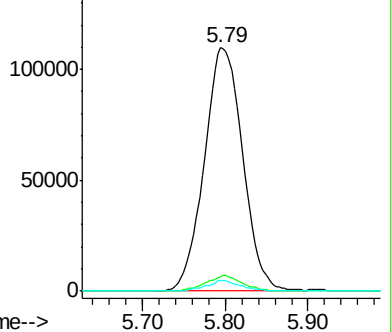
100 4.5 1.8 5.3

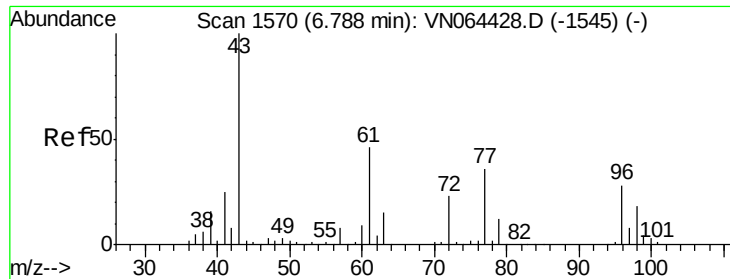


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





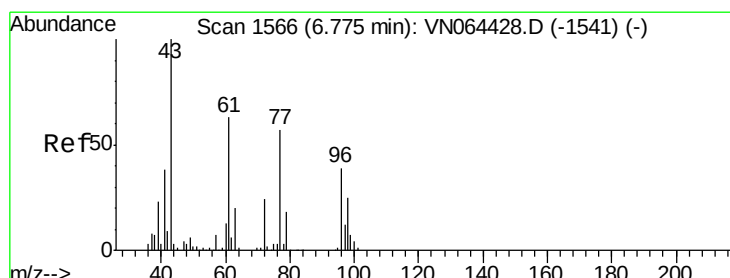
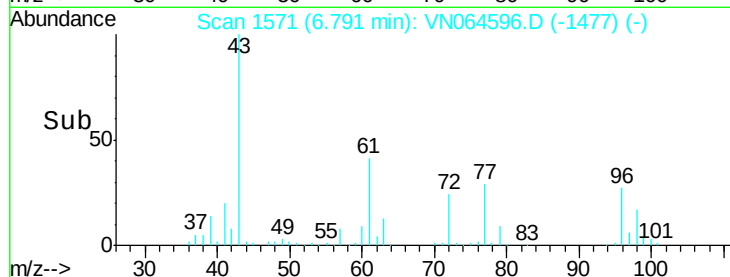
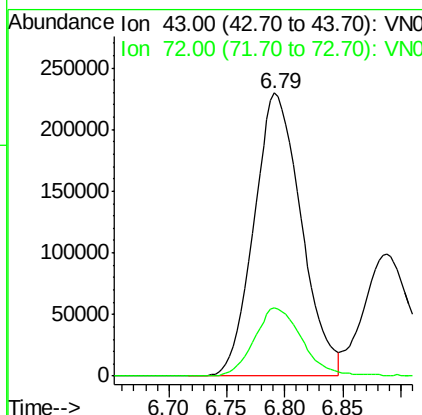
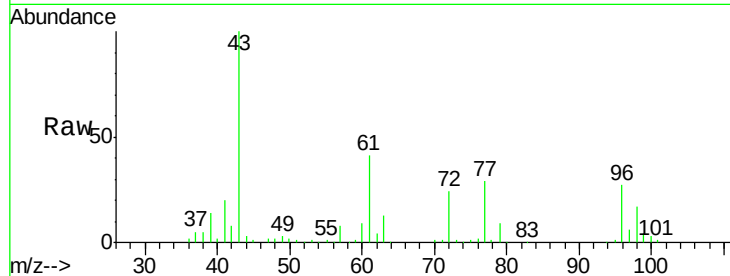
#25
2-Butanone
Concen: 257.383 ug/l
RT: 6.79 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 648747
Ion Ratio Lower Upper
43 100
72 24.1 18.5 27.7

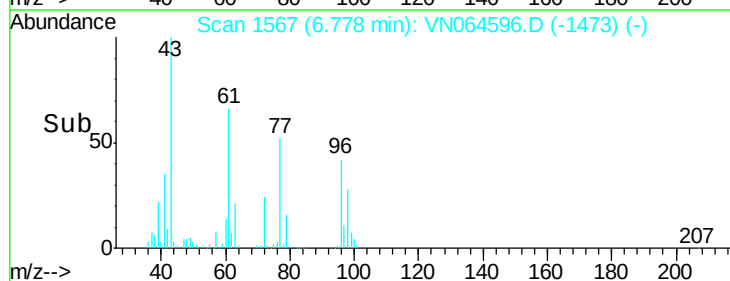
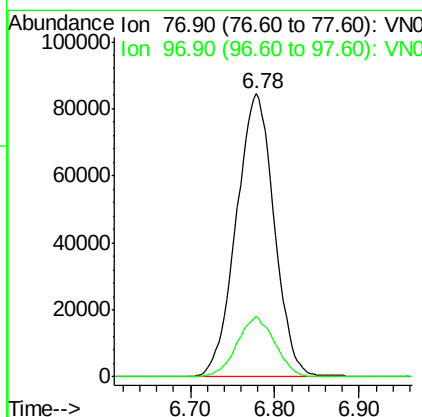
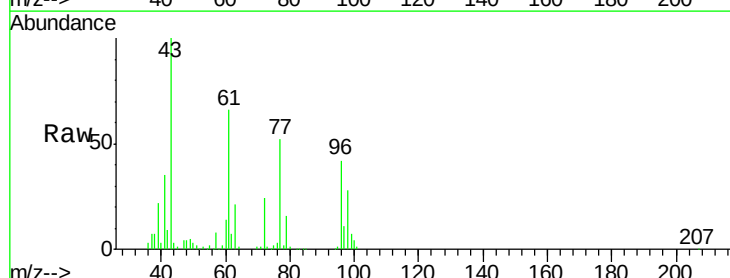
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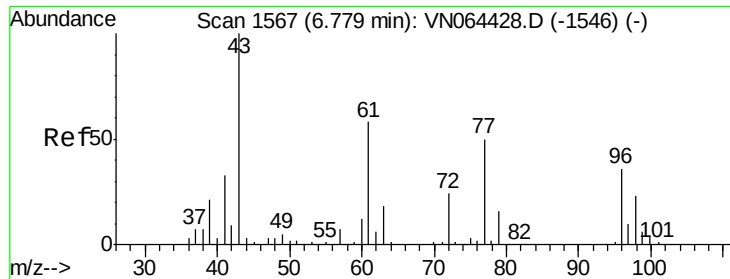
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#26
2,2-Dichloropropane
Concen: 40.160 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

Tgt Ion: 77 Resp: 264511
Ion Ratio Lower Upper
77 100
97 21.2 10.2 30.6





#27

cis-1,2-Dichloroethene

Concen: 47.744 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064596.D

Acq: 12 Nov 2020 21:17

Instrument :

MSVOA_N

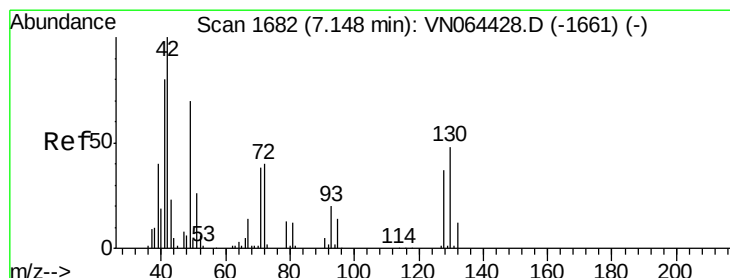
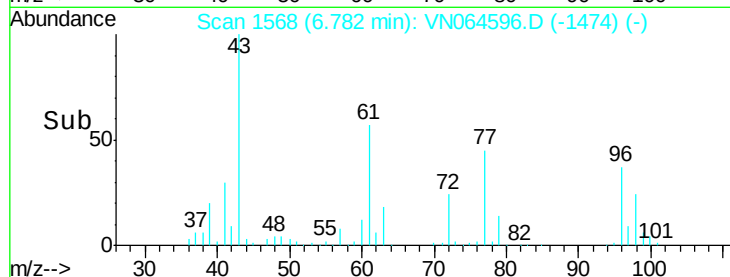
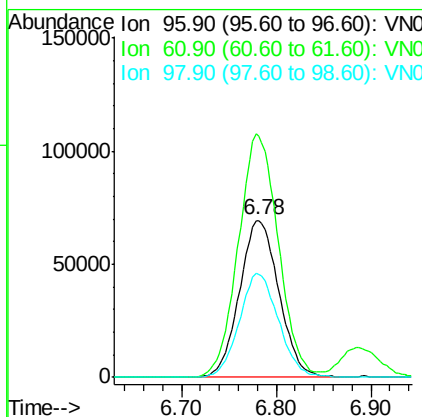
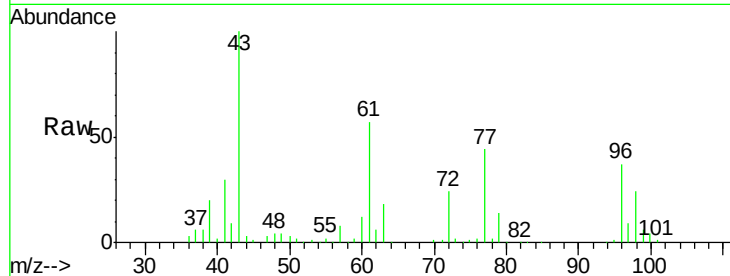
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	200296
Ion	Ratio	Lower	Upper
96	100		
61	157.4	0.0	329.6
98	65.9	0.0	131.2

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#28

Bromochloromethane

Concen: 48.097 ug/l

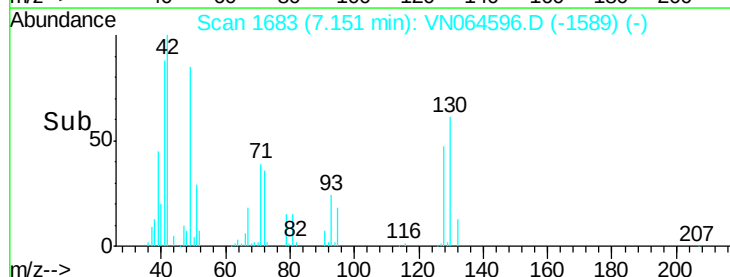
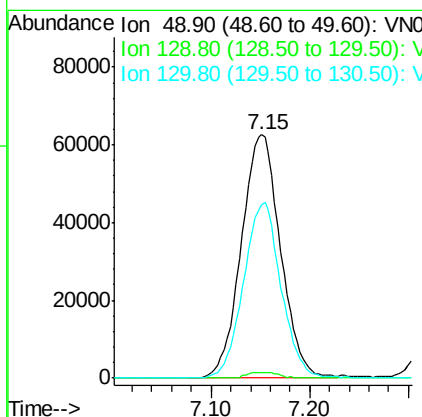
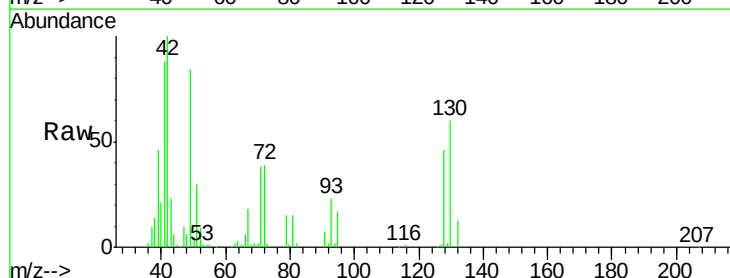
RT: 7.15 min Scan# 1683

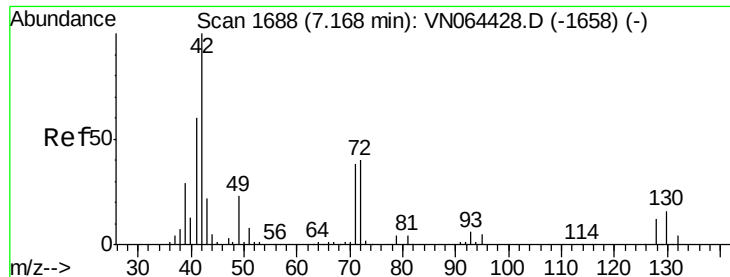
Delta R.T. 0.00 min

Lab File: VN064596.D

Acq: 12 Nov 2020 21:17

Tgt Ion:	49	Resp:	172014
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.6
130	68.8	54.2	81.4





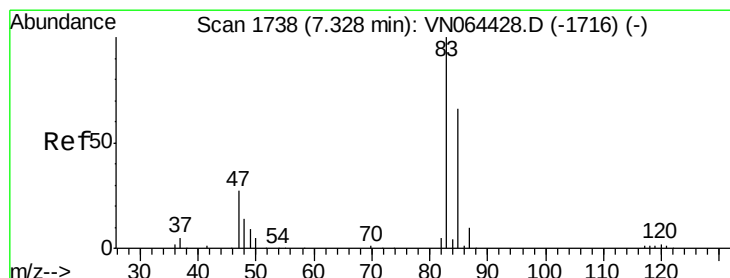
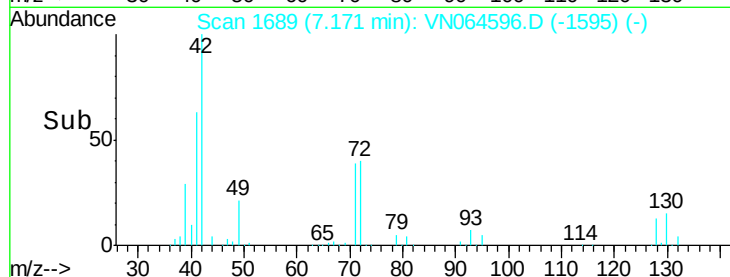
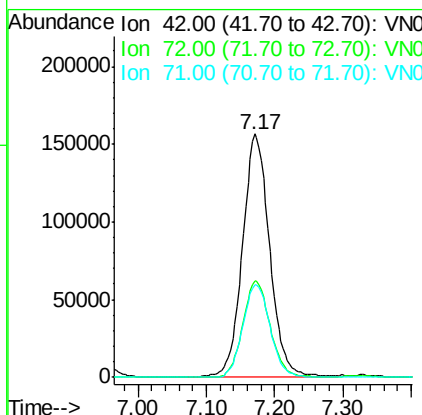
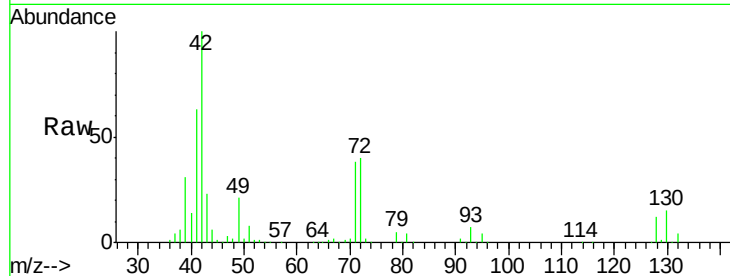
#29
Tetrahydrofuran
Concen: 278.805 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.2	31.7	47.5
71	38.5	29.8	44.6

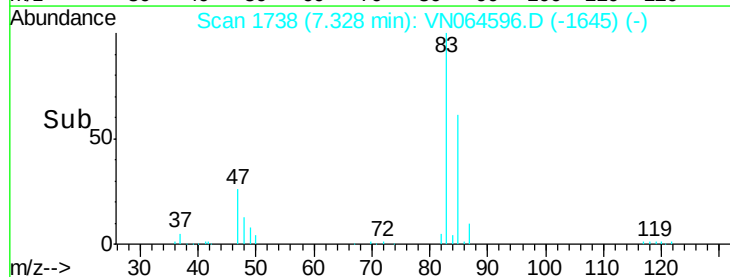
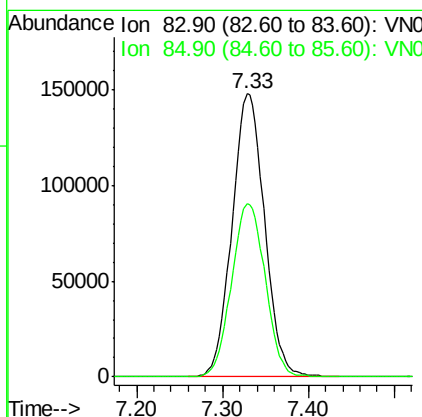
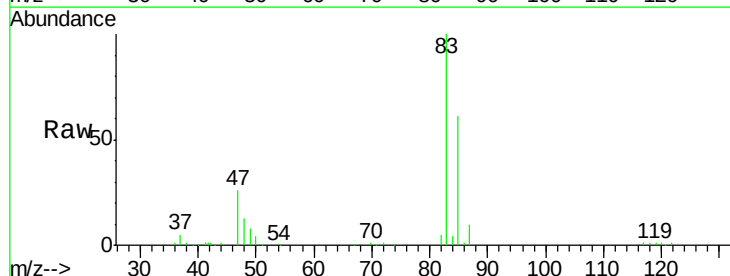
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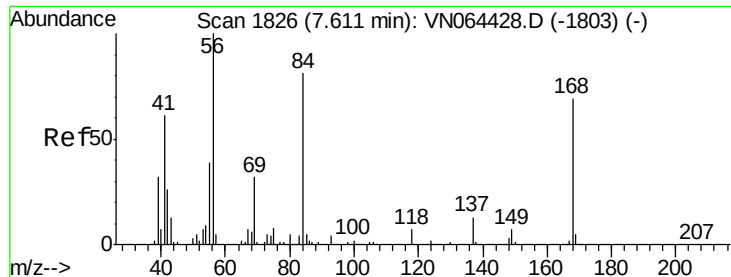
MMDadoda
11/13/2020 11:43:04 AM



#30
Chloroform
Concen: 50.747 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.2	52.5	78.7





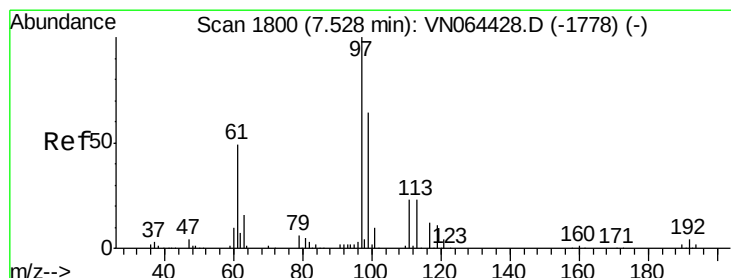
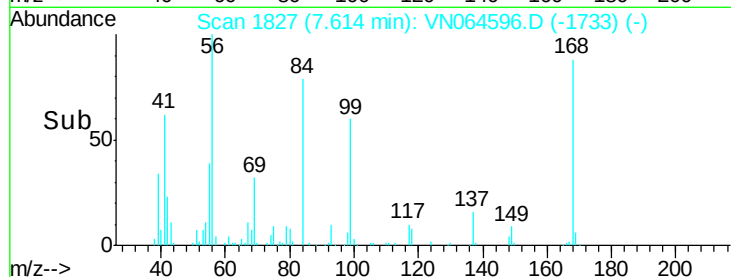
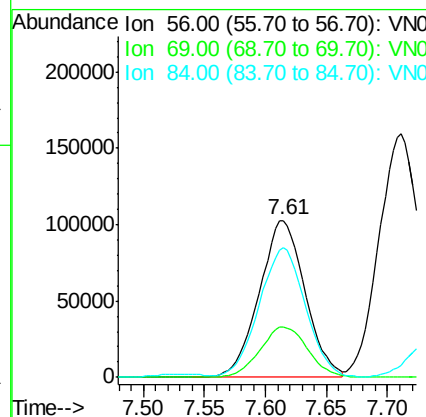
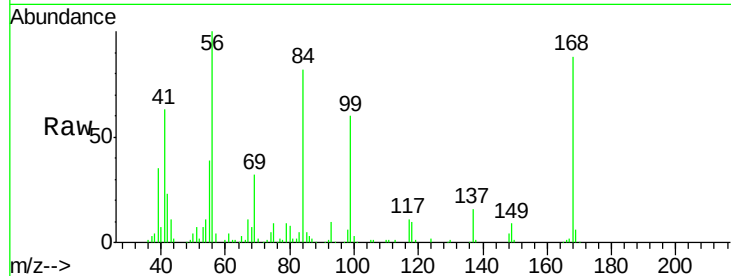
#31
Cyclohexane
Concen: 42.471 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.2	25.6	38.4
84	80.5	63.0	94.6

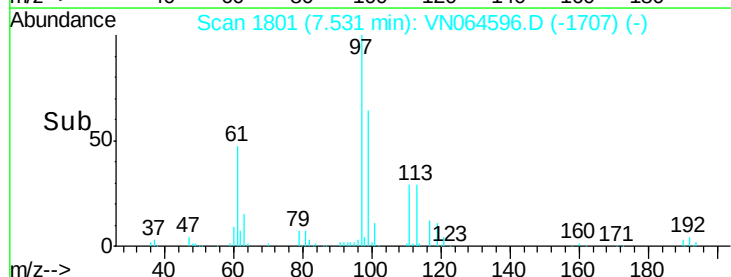
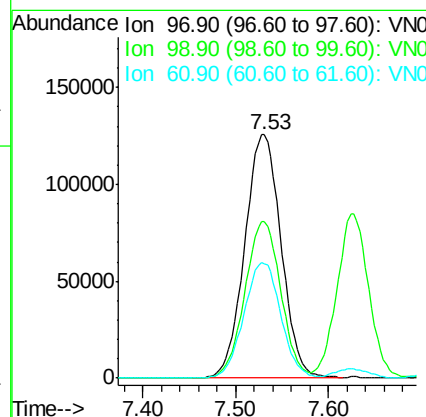
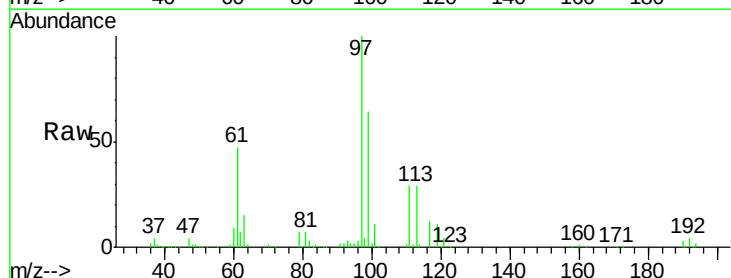
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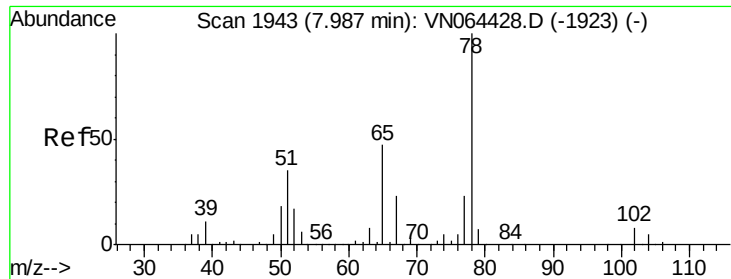
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#32
1,1,1-Trichloroethane
Concen: 50.426 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.3	76.9
61	48.1	39.1	58.7





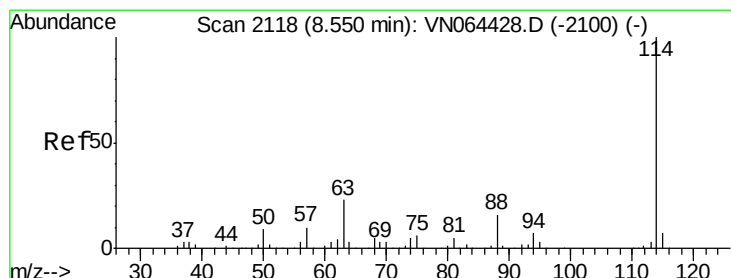
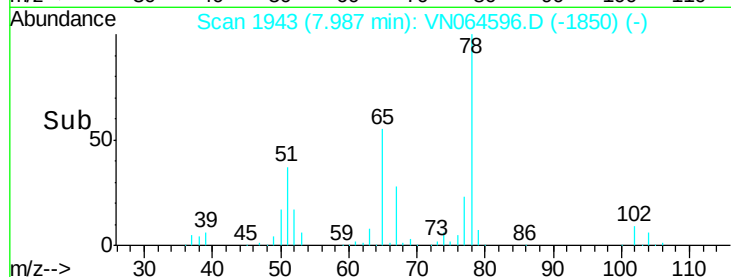
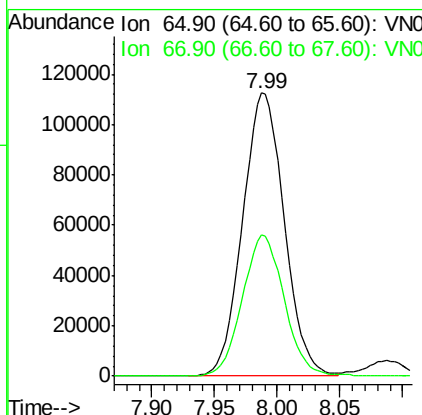
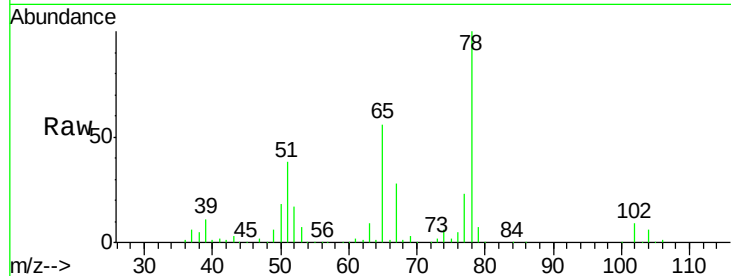
#33
 1,2-Dichloroethane-d4
 Concen: 50.112 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064596.D
 Acq: 12 Nov 2020 21:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	260250		
67	50.1	0.0	101.6	

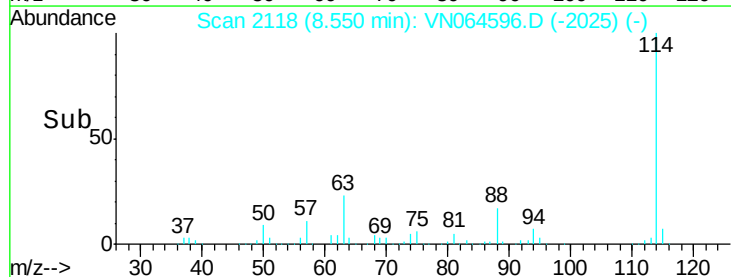
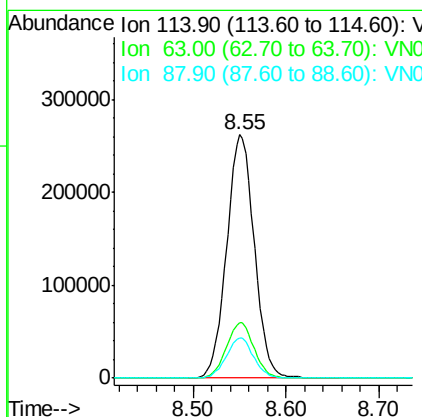
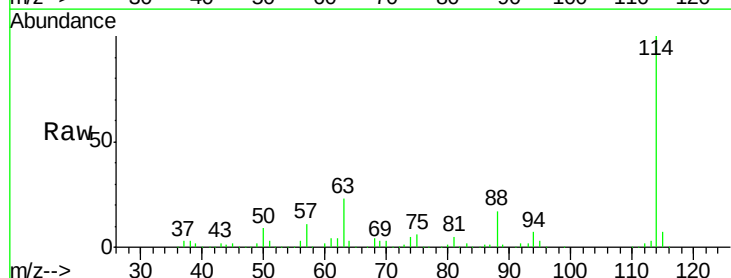
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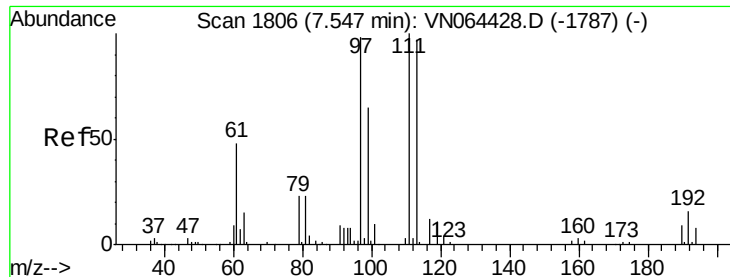
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064596.D
 Acq: 12 Nov 2020 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	541204		
63	22.8	0.0	45.6	
88	16.6	0.0	32.8	





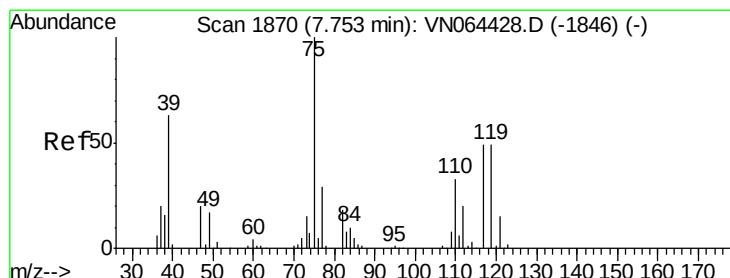
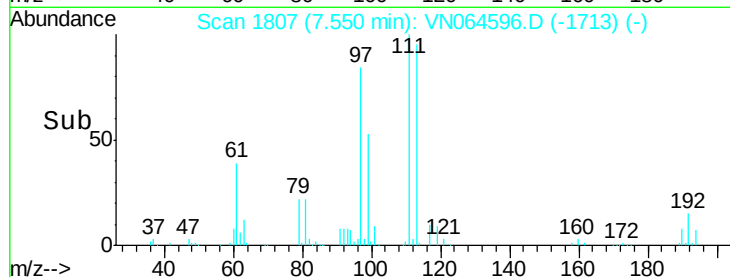
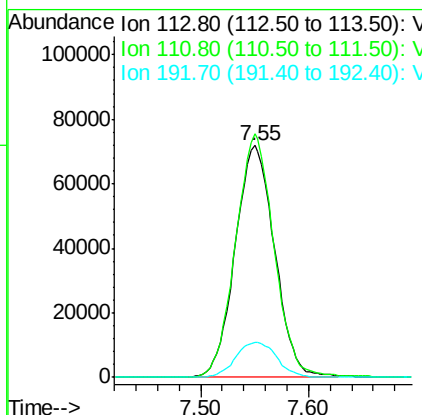
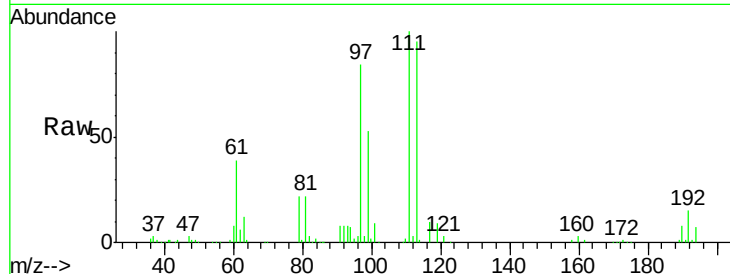
#35
 Dibromofluoromethane
 Concen: 49.504 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064596.D
 Acq: 12 Nov 2020 21:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	182416		
111	102.3	81.1	121.7	
192	15.8	12.8	19.2	

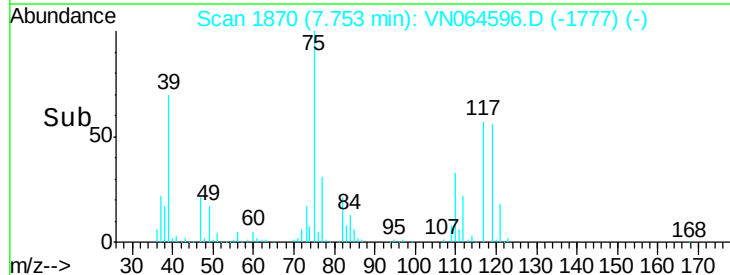
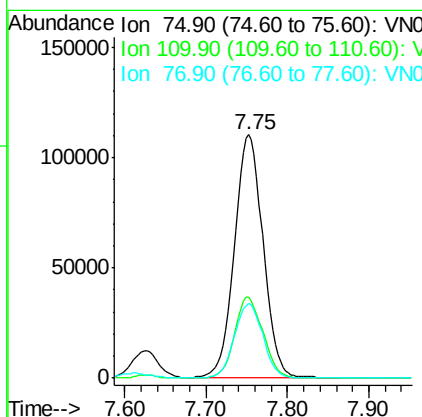
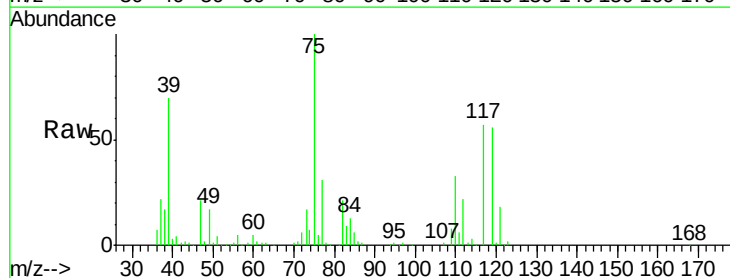
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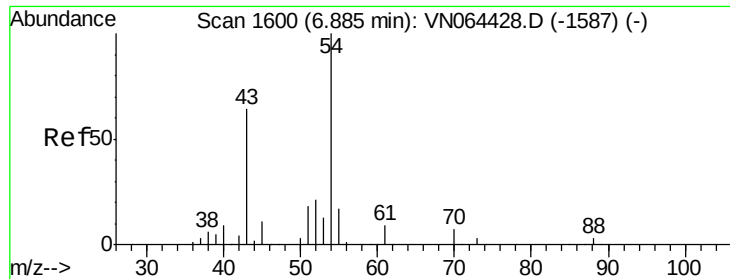
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#36
 1,1-Dichloropropene
 Concen: 46.864 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN064596.D
 Acq: 12 Nov 2020 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	267941		
110	33.1	16.0	48.0	
77	30.7	24.0	36.0	





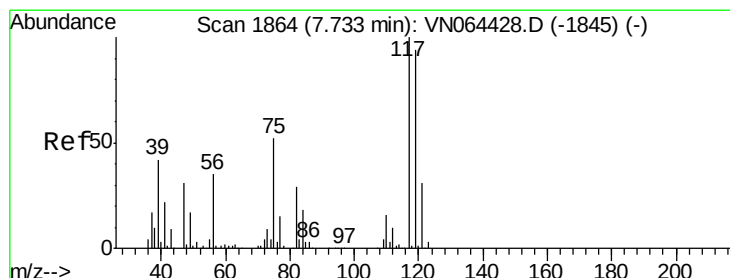
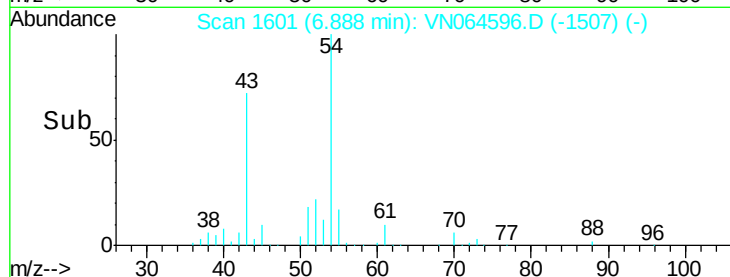
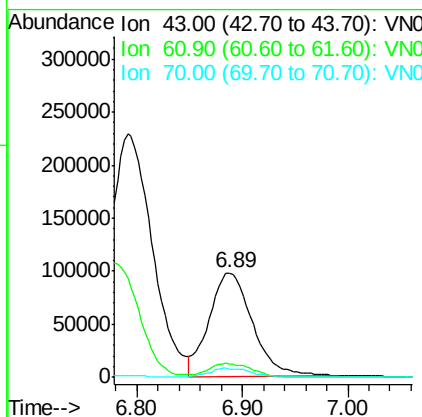
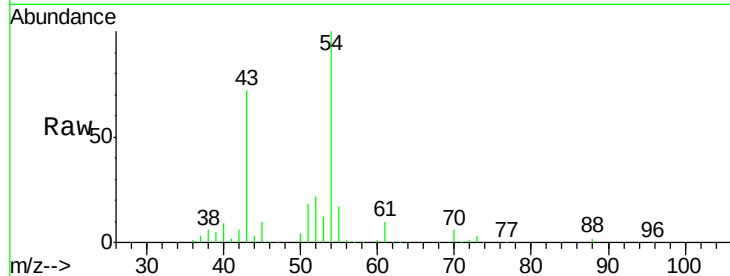
#37
Ethyl Acetate
Concen: 48.142 ug/l
RT: 6.89 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.0	15.0
70	8.3	7.1	10.7

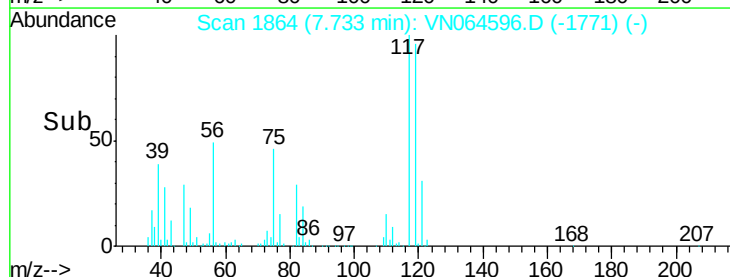
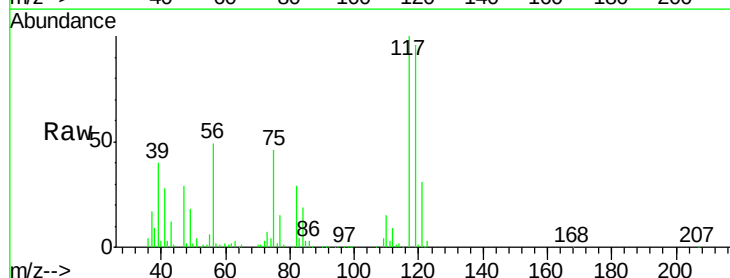
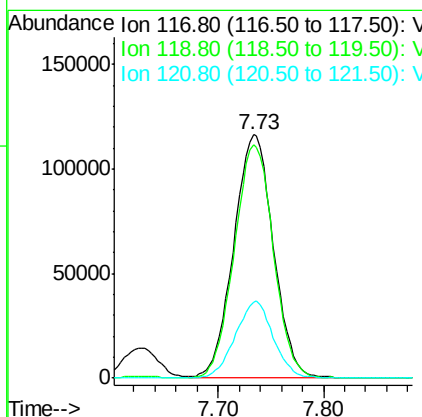
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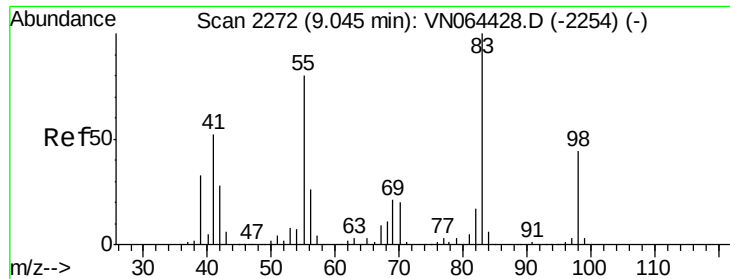
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#38
Carbon Tetrachloride
Concen: 49.370 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	75.5	113.3
121	31.4	24.4	36.6





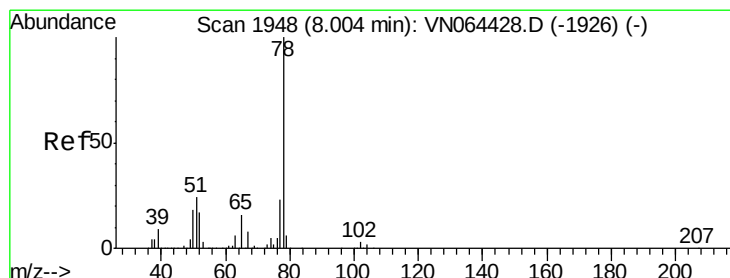
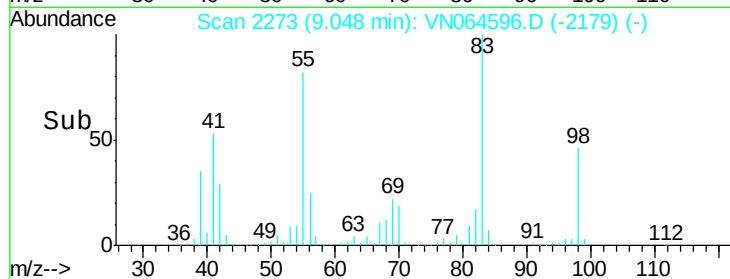
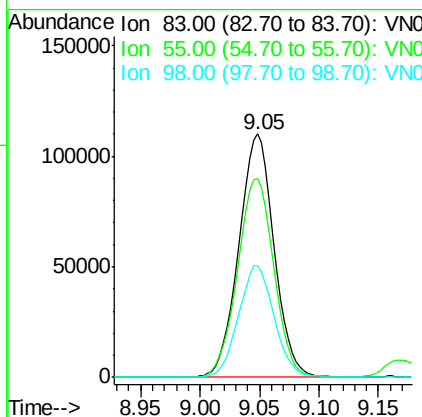
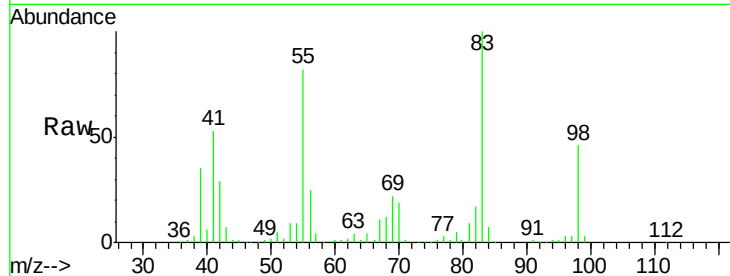
#39
Methylvlcyclohexane
Concen: 44.064 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	225839		
55	81.6	63.8	95.6	
98	46.1	35.4	53.2	

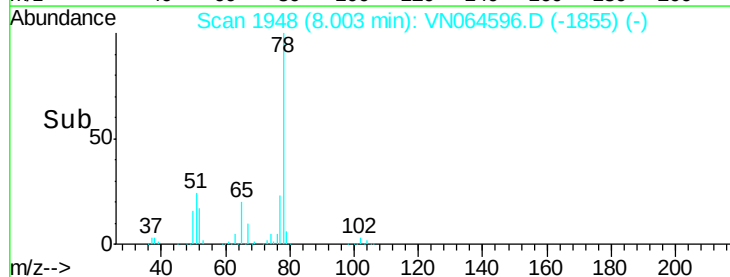
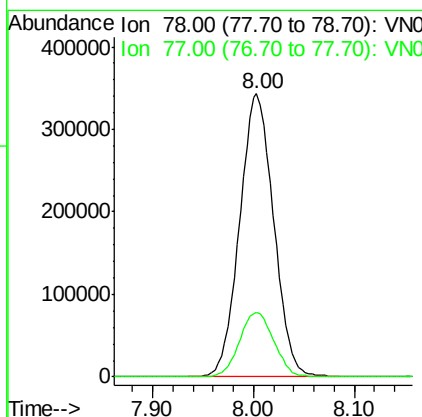
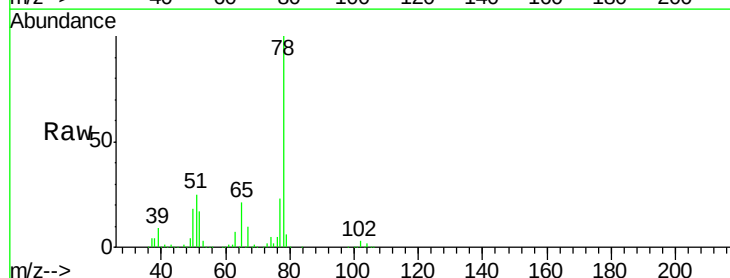
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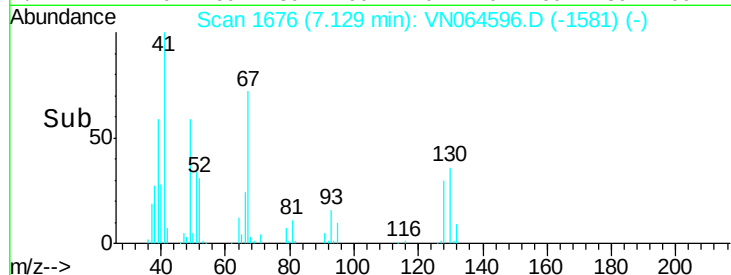
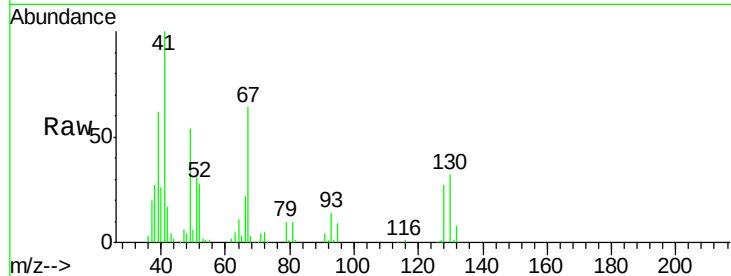
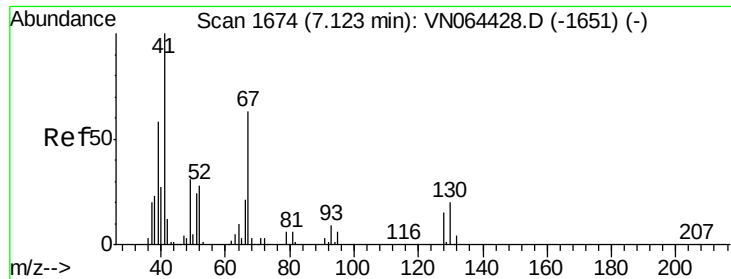
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#40
Benzene
Concen: 47.655 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

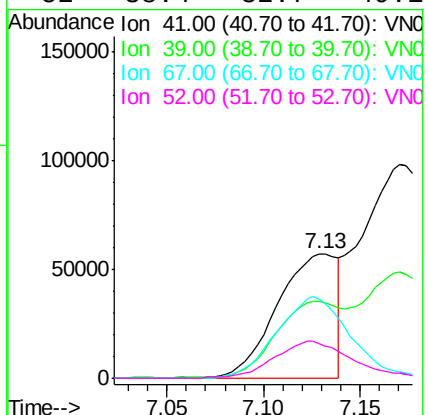
Tgt Ion	Ratio	Resp	Lower	Upper
78	100	800646		
77	22.8	18.7	28.1	





#41
Methacrylonitrile
Concen: 48.458 ug/l
RT: 7.13 min Scan# 1676
Delta R.T. 0.01 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

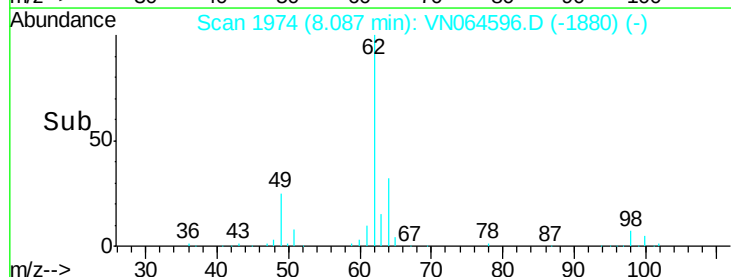
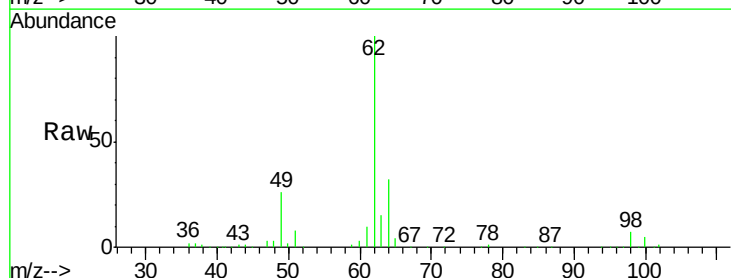
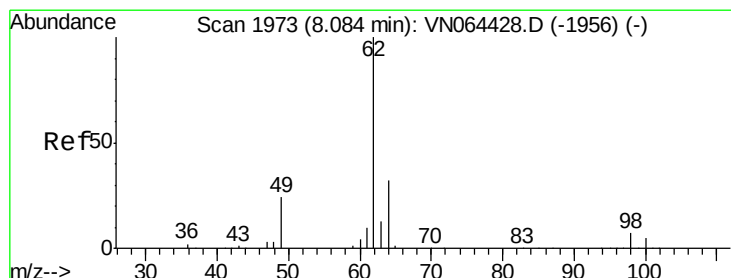
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	66.3	50.0	75.0	
67	81.5	68.3	102.5	
52	38.4	32.7	49.1	



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

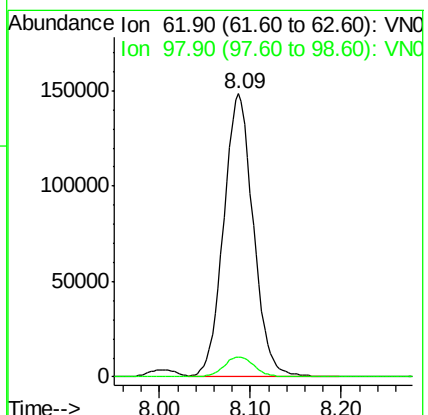
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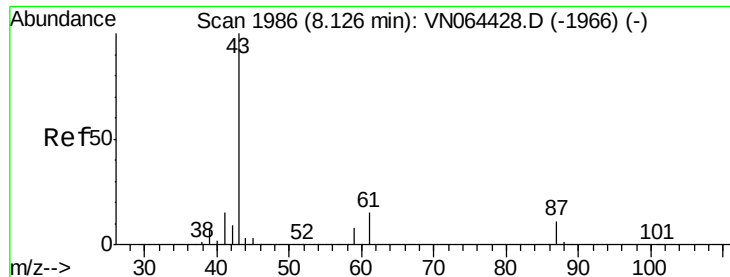
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#42
1,2-Dichloroethane
Concen: 49.402 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	7.1	0.0	14.0	





#43

Isopropyl Acetate

Concen: 50.775 ug/l

RT: 8.13 min Scan# 1988

Delta R.T. 0.01 min

Lab File: VN064596.D

Acq: 12 Nov 2020 21:17

Instrument :

MSVOA_N

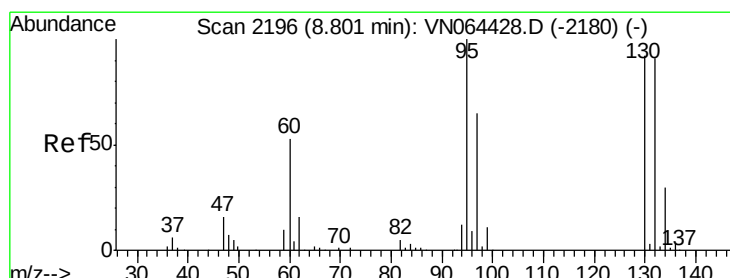
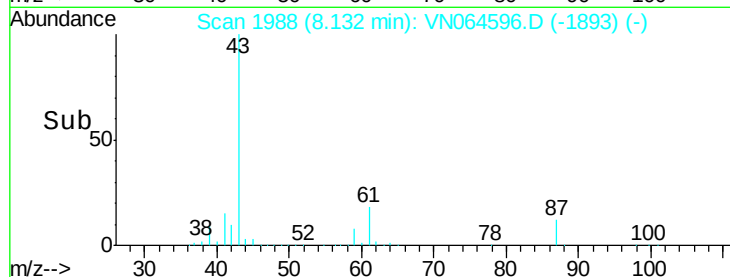
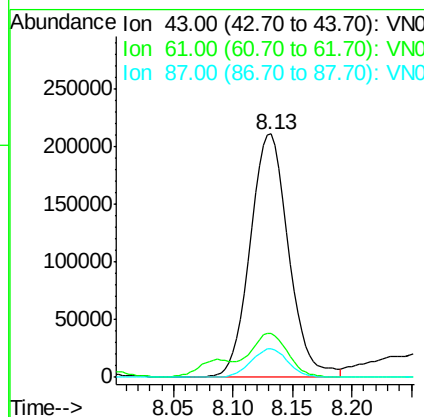
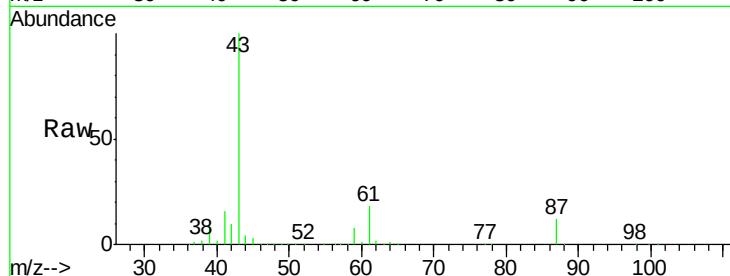
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	470463
Ion	Ratio	Lower	Upper
43	100		
61	17.4	14.0	21.0
87	11.4	9.1	13.7

Manual Integrations
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#44

Trichloroethene

Concen: 45.972 ug/l

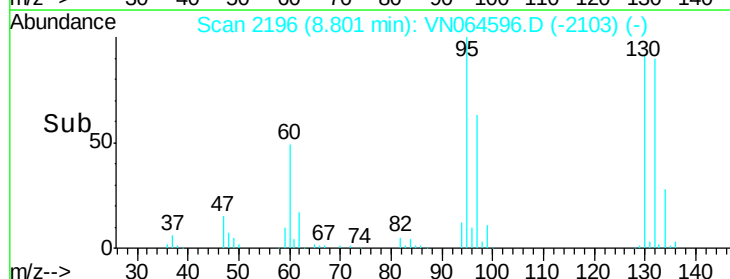
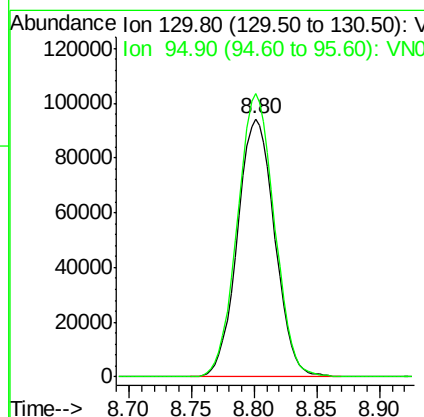
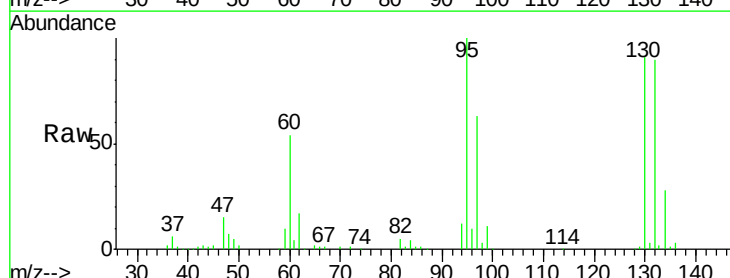
RT: 8.80 min Scan# 2196

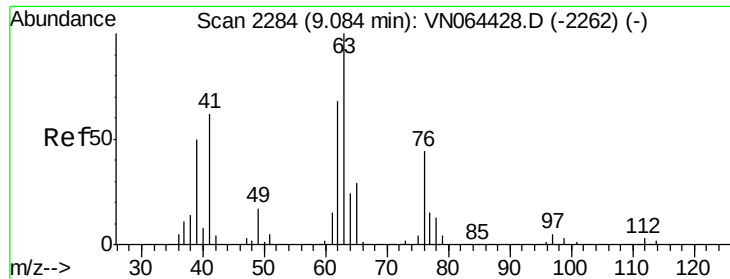
Delta R.T. -0.00 min

Lab File: VN064596.D

Acq: 12 Nov 2020 21:17

Tgt Ion:	130	Resp:	194869
Ion	Ratio	Lower	Upper
130	100		
95	109.7	0.0	216.8





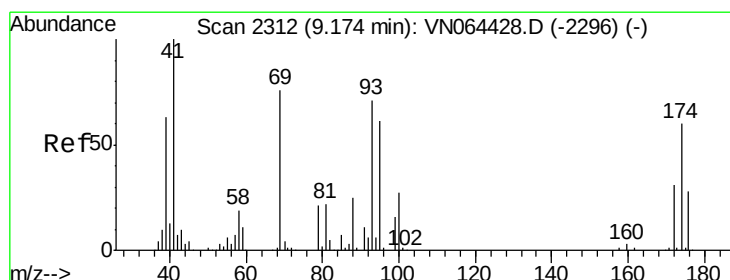
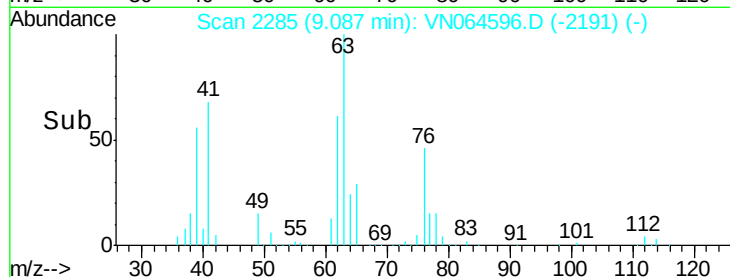
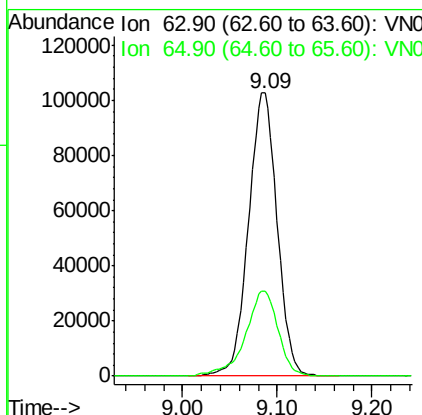
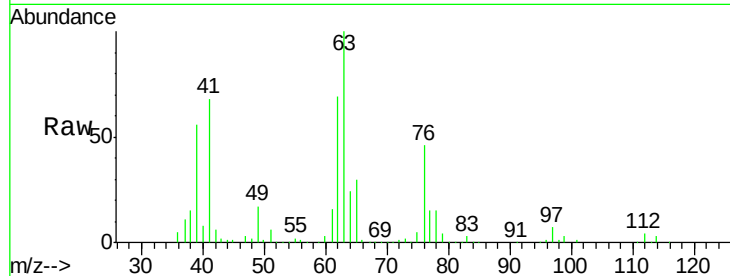
#45
 1,2-Dichloropropane
 Concen: 48.257 ug/l
 RT: 9.09 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN064596.D
 Acq: 12 Nov 2020 21:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 216327
 Ion Ratio Lower Upper
 63 100
 65 29.9 23.6 35.4

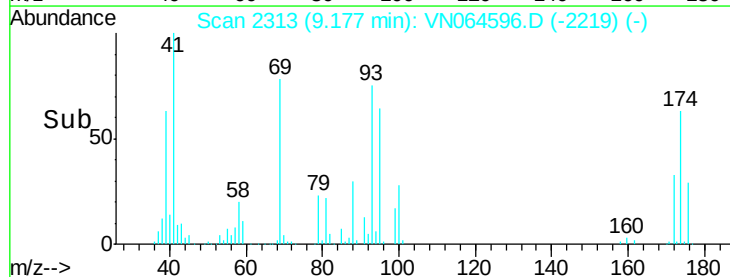
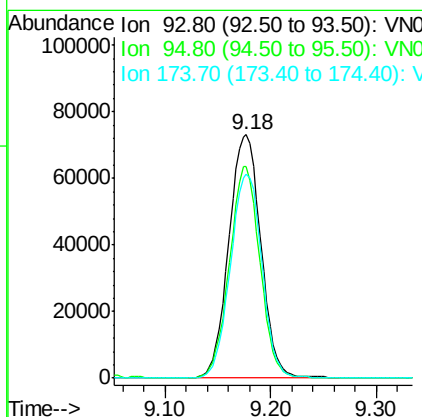
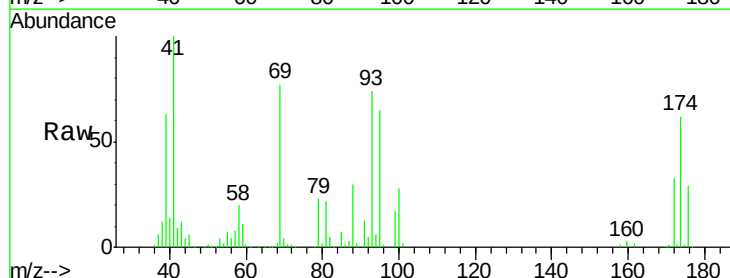
Manual Integrations
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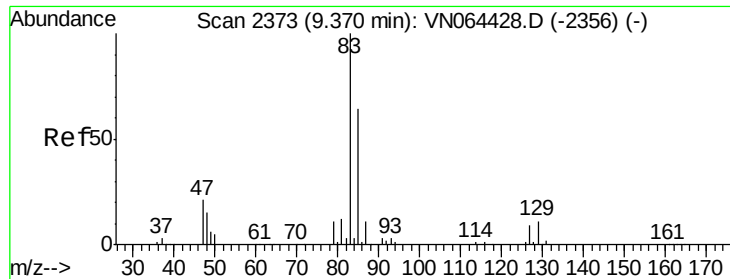
MMDadoda
 11/13/2020 11:43:04 AM



#46
 Dibromomethane
 Concen: 52.084 ug/l
 RT: 9.18 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN064596.D
 Acq: 12 Nov 2020 21:17

Tgt Ion: 93 Resp: 153699
 Ion Ratio Lower Upper
 93 100
 95 82.5 66.4 99.6
 174 82.6 67.2 100.8





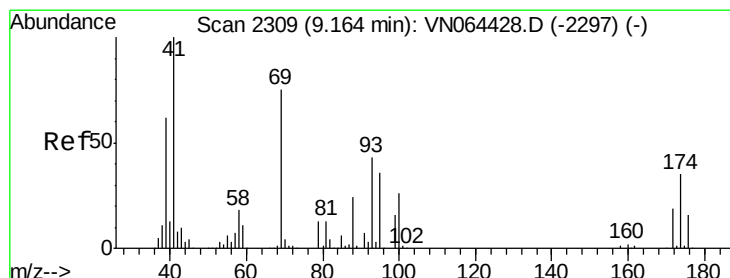
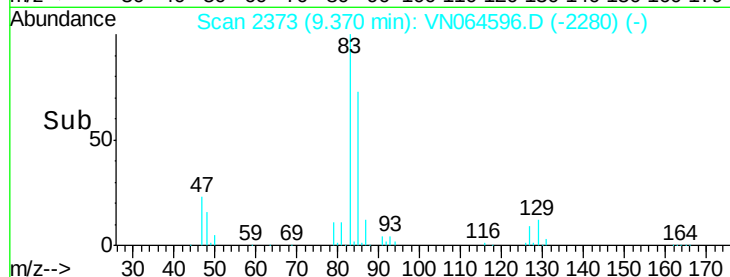
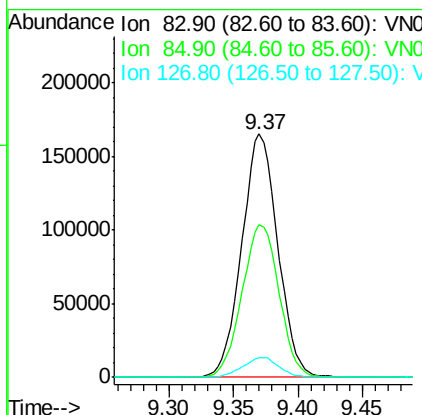
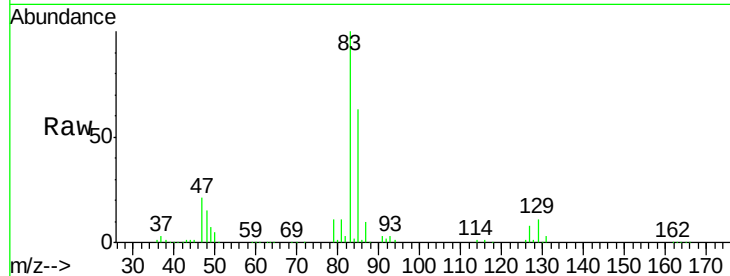
#47
Bromodichloromethane
Concen: 50.780 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
85	62.5	51.2	76.8
127	7.8	6.9	10.3

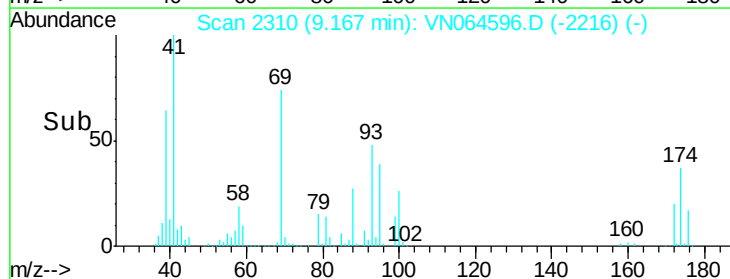
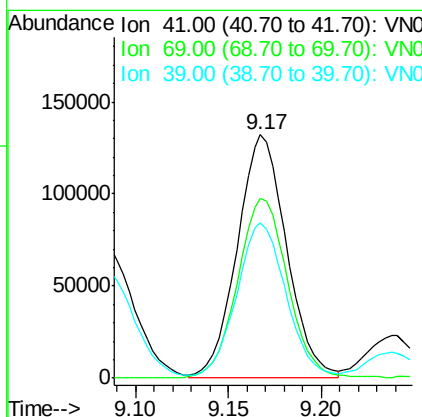
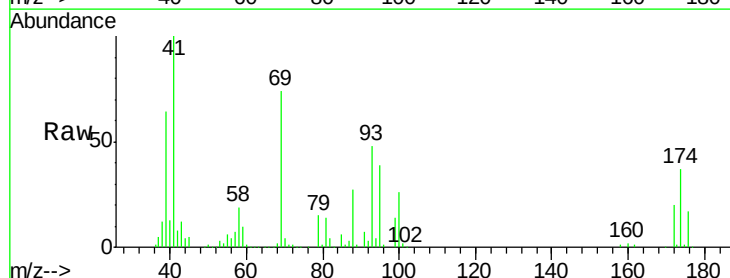
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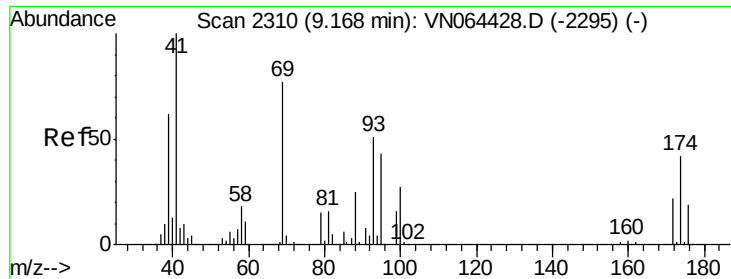
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#48
Methyl methacrylate
Concen: 52.017 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

Tgt Ion	Ratio	Lower	Upper
41	100		
69	75.6	60.4	90.6
39	64.0	51.2	76.8





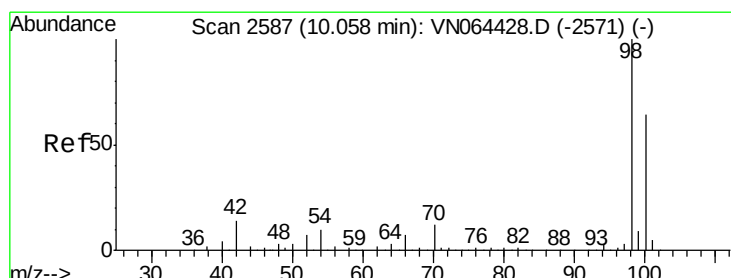
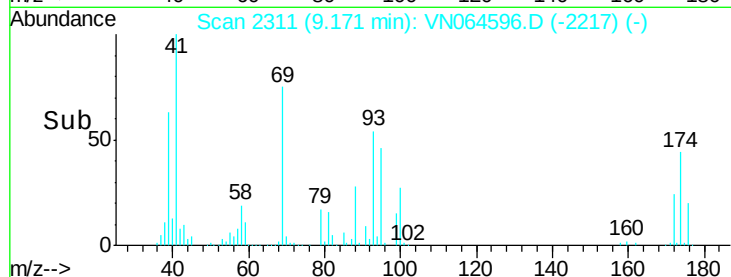
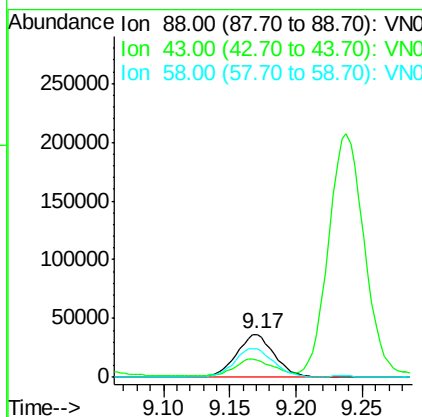
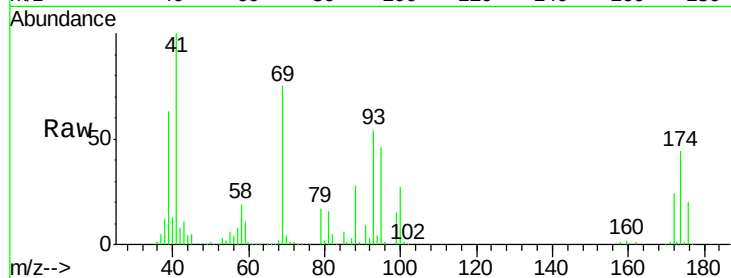
#49
1,4-Dioxane
Concen: 1177.482 ug/l
RT: 9.17 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 72512
Ion Ratio Lower Upper
88 100
43 38.4 31.0 46.6
58 70.1 58.4 87.6

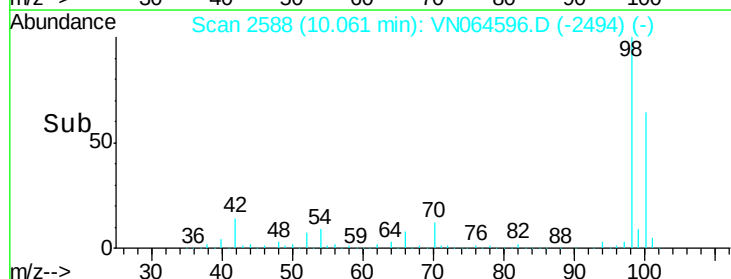
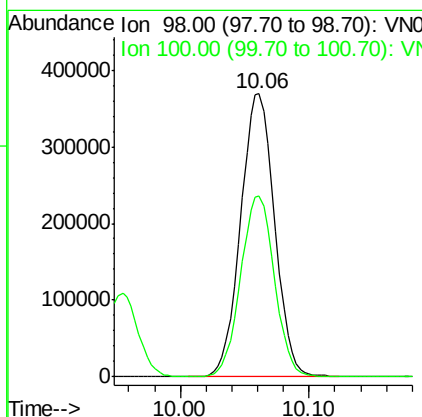
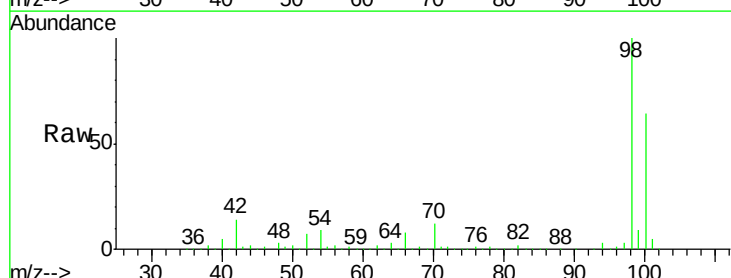
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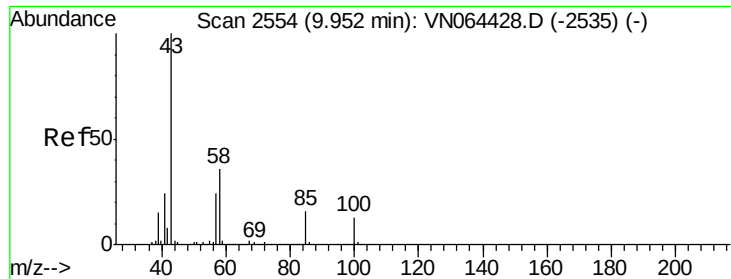
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#50
Toluene-d8
Concen: 47.527 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

Tgt Ion: 98 Resp: 676875
Ion Ratio Lower Upper
98 100
100 63.4 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 279.419 ug/l

RT: 9.96 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN064596.D

Acq: 12 Nov 2020 21:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1509822

Ion Ratio Lower Upper

43 100

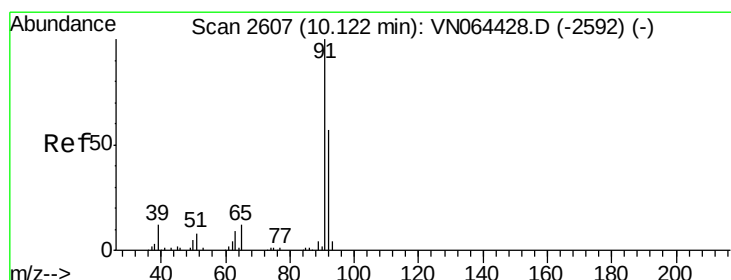
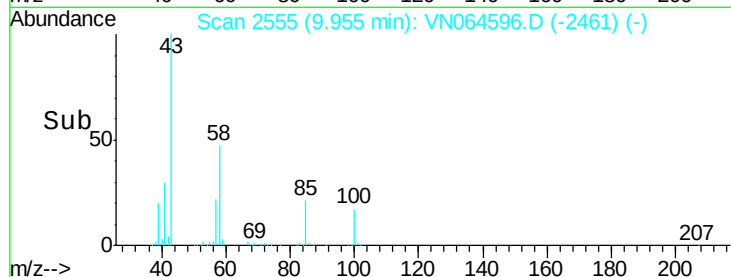
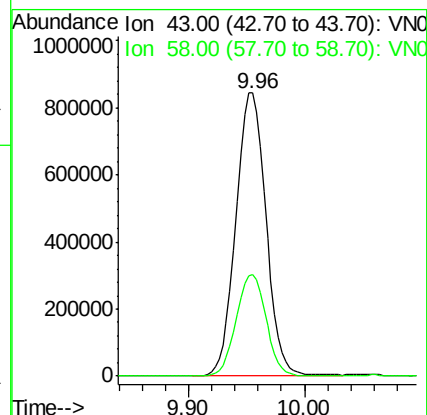
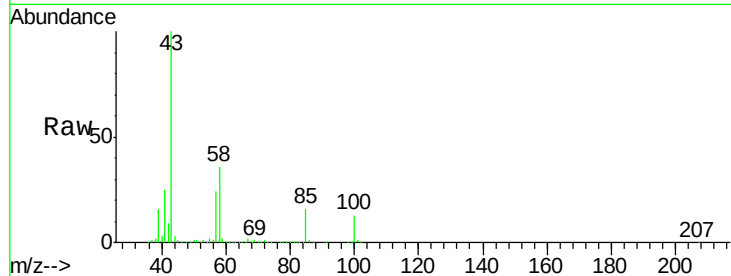
58 35.8 28.4 42.6

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#52

Toluene

Concen: 49.219 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064596.D

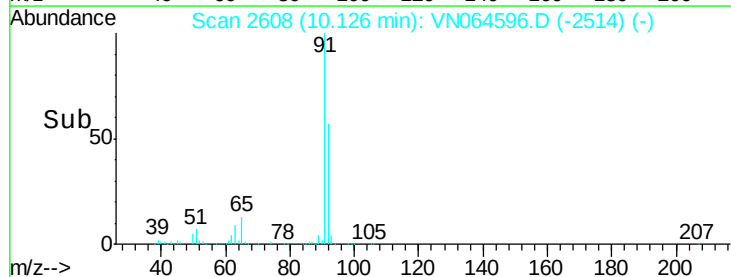
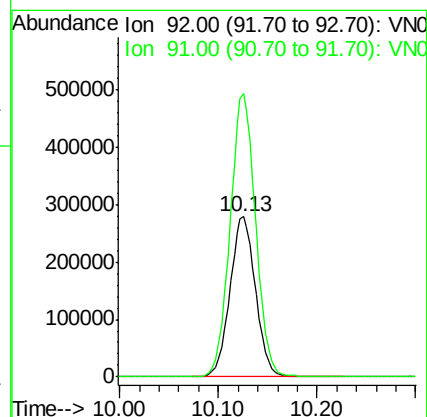
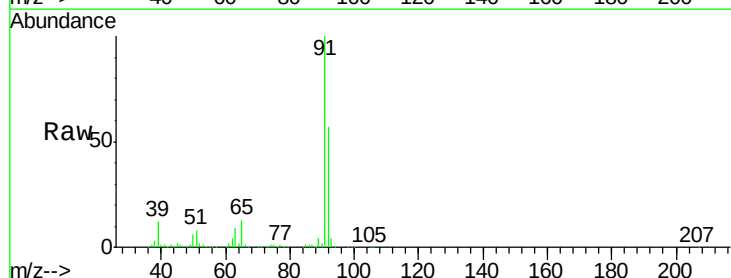
Acq: 12 Nov 2020 21:17

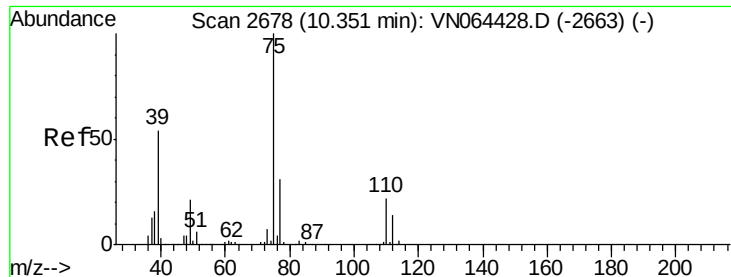
Tgt Ion: 92 Resp: 504345

Ion Ratio Lower Upper

92 100

91 176.2 139.6 209.4





#53

t-1,3-Dichloropropene

Concen: 48.647 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN064596.D

Acq: 12 Nov 2020 21:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 327251

Ion Ratio Lower Upper

75 100

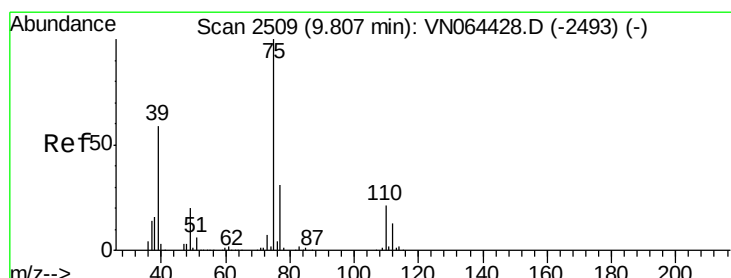
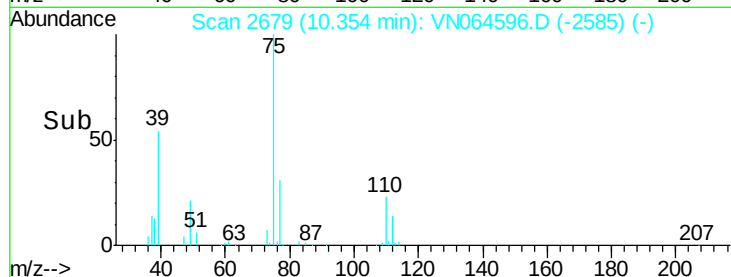
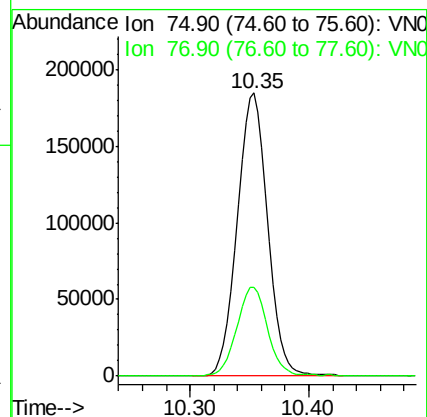
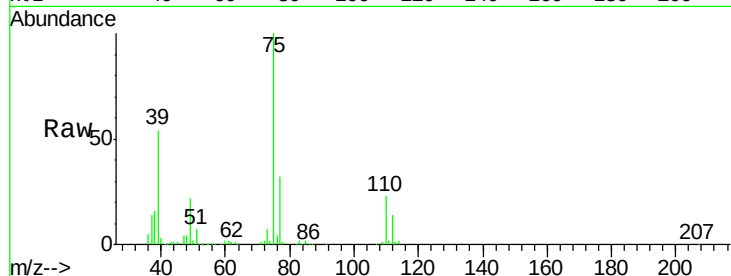
77 31.3 24.8 37.2

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#54

cis-1,3-Dichloropropene

Concen: 47.724 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN064596.D

Acq: 12 Nov 2020 21:17

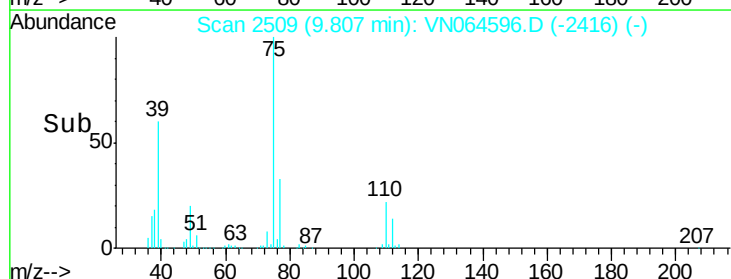
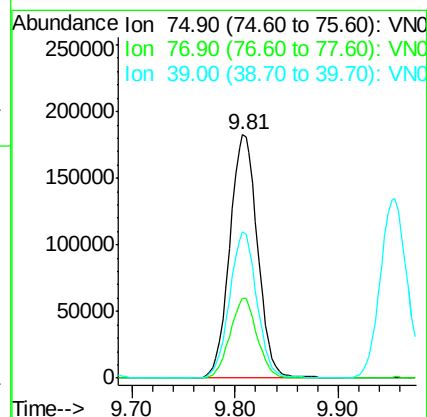
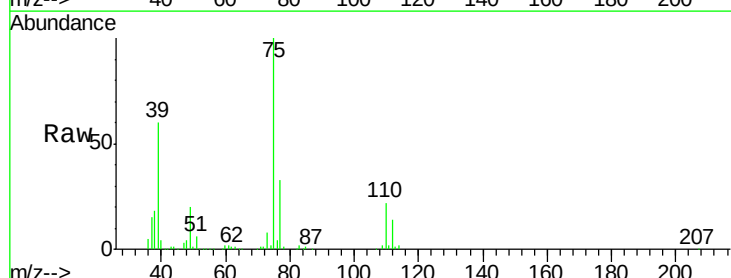
Tgt Ion: 75 Resp: 343248

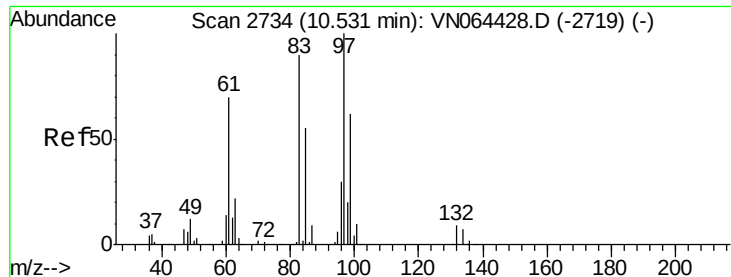
Ion Ratio Lower Upper

75 100

77 32.8 24.9 37.3

39 59.9 47.1 70.7





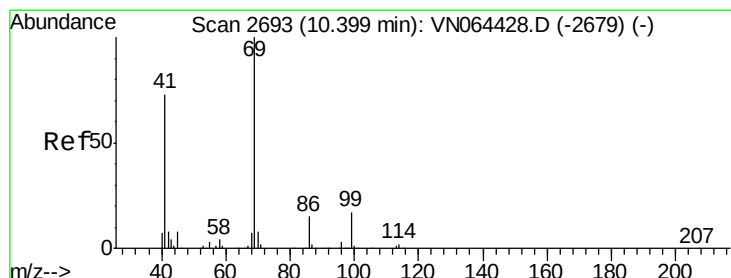
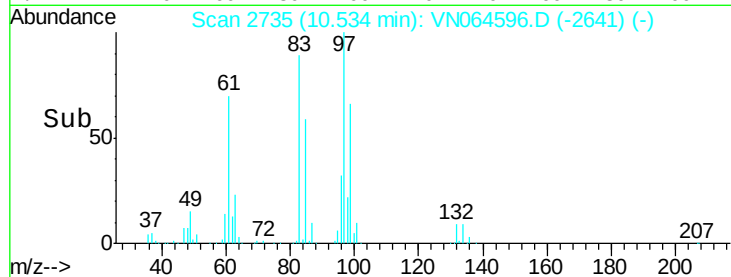
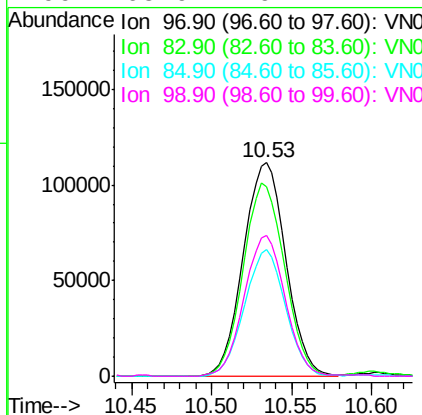
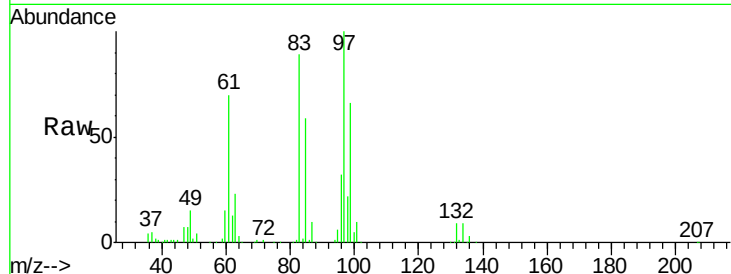
#55
 1,1,2-Trichloroethane
 Concen: 50.788 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064596.D
 Acq: 12 Nov 2020 21:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	202962
Ion	Ratio	Lower	Upper
97	100		
83	89.0	71.7	107.5
85	59.1	44.3	66.5
99	65.9	49.4	74.2

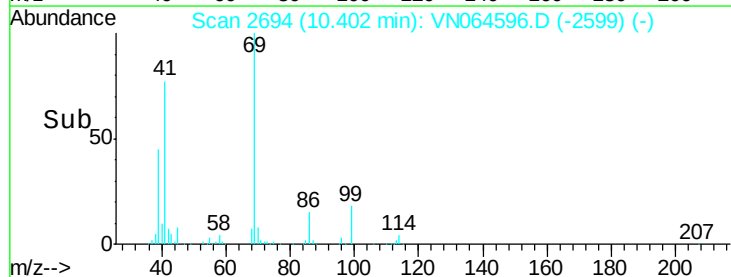
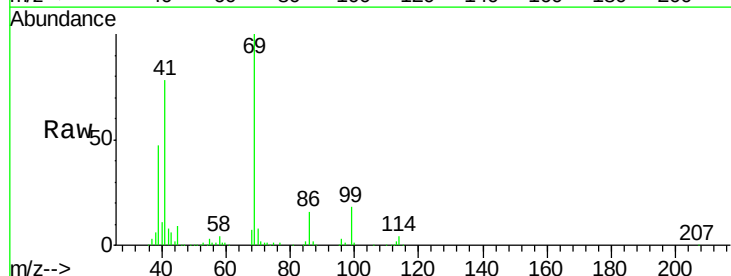
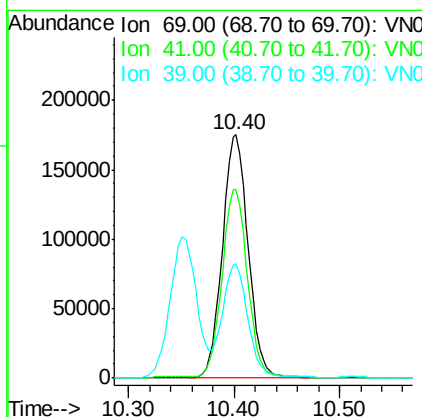
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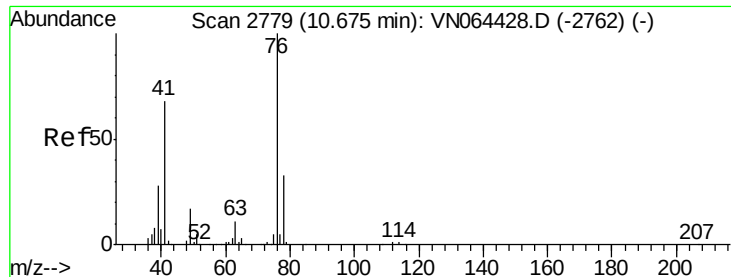
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#56
 Ethyl methacrylate
 Concen: 45.214 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN064596.D
 Acq: 12 Nov 2020 21:17

Tgt Ion:	69	Resp:	296081
Ion	Ratio	Lower	Upper
69	100		
41	75.8	59.3	88.9
39	46.3	35.4	53.0





#57

1,3-Dichloropropane

Concen: 50.625 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN064596.D

Acq: 12 Nov 2020 21:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 353132

Ion Ratio Lower Upper

76 100

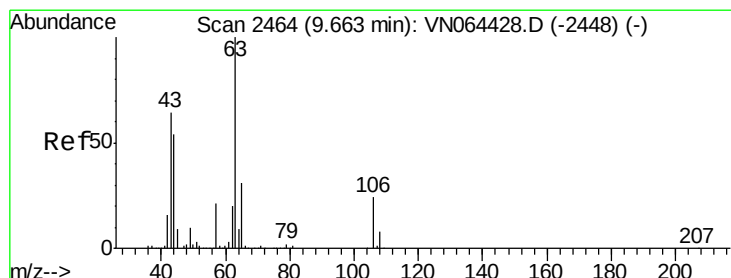
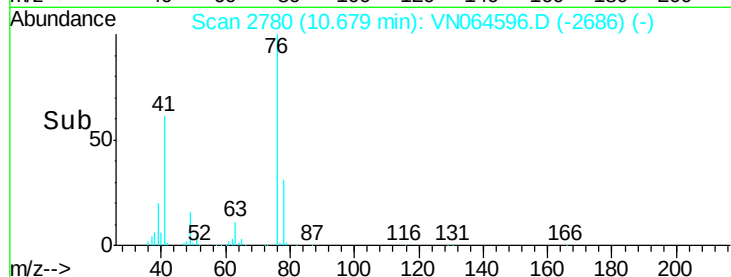
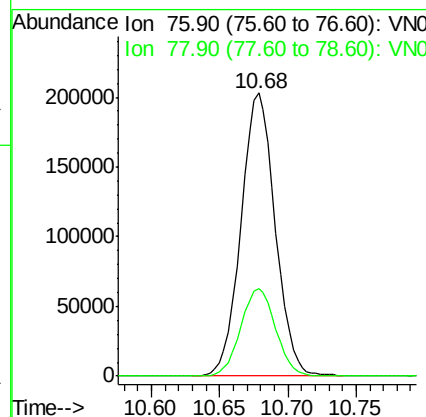
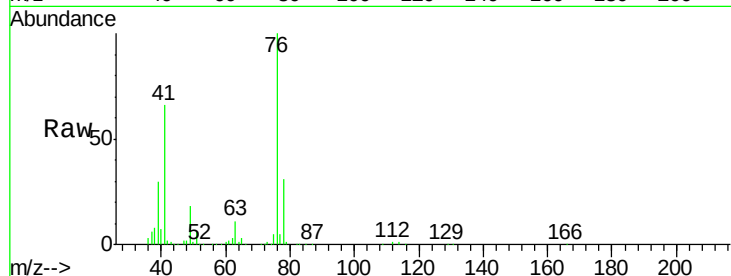
78 31.6 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 257.151 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064596.D

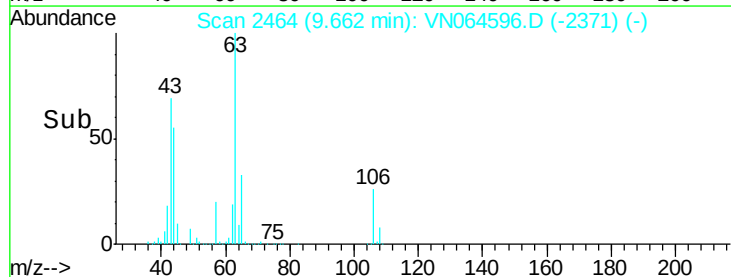
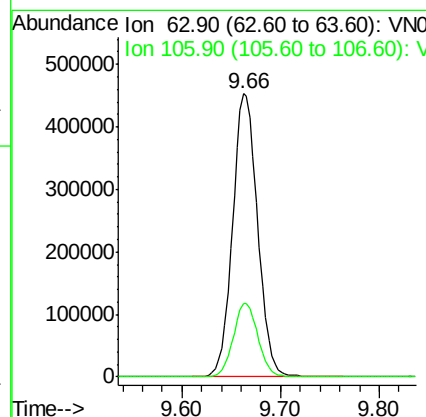
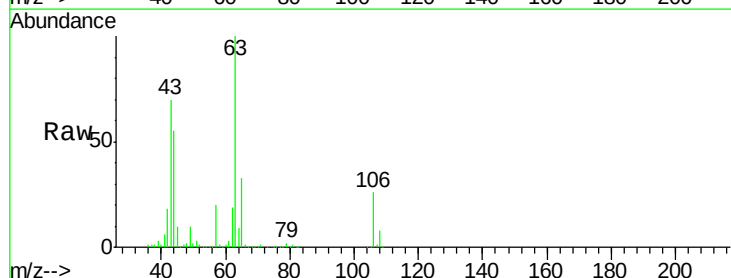
Acq: 12 Nov 2020 21:17

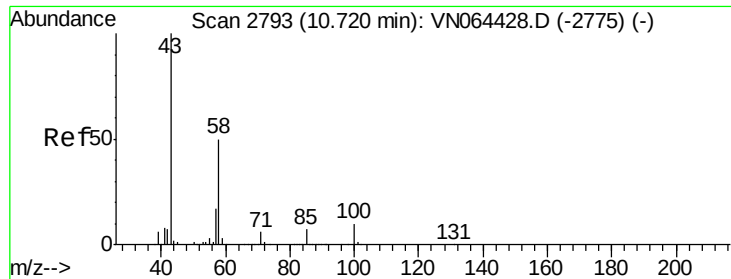
Tgt Ion: 63 Resp: 801025

Ion Ratio Lower Upper

63 100

106 25.7 19.5 29.3





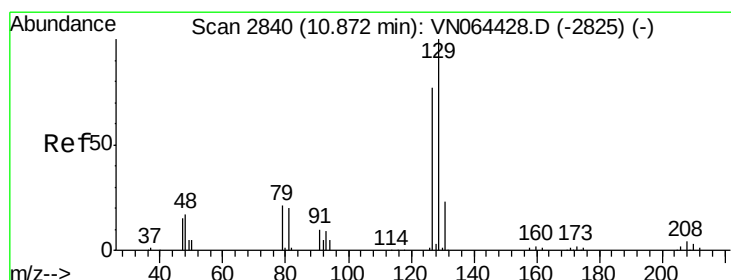
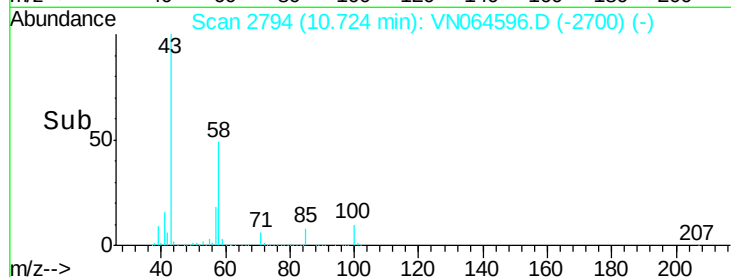
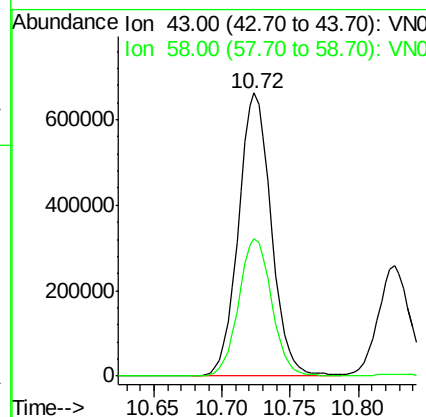
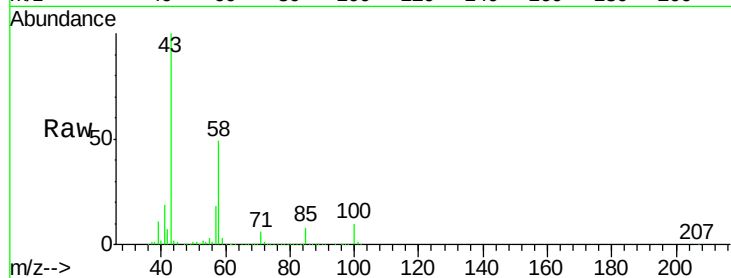
#59
2-Hexanone
Concen: 249.602 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1099760
Ion Ratio Lower Upper
43 100
58 49.2 24.7 74.1

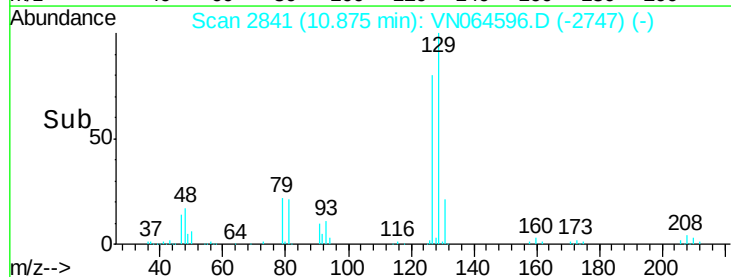
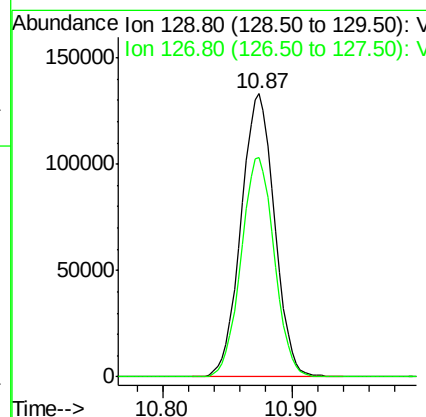
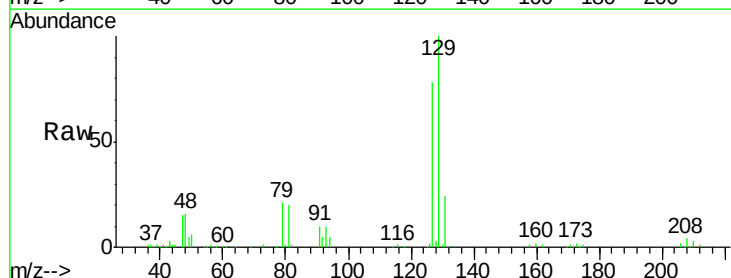
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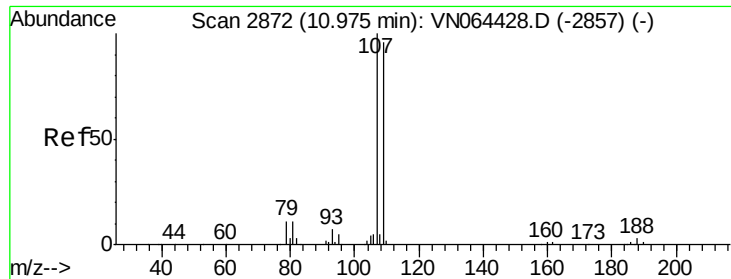
MMDadoda
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#60
Dibromochloromethane
Concen: 53.750 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

Tgt Ion: 129 Resp: 240493
Ion Ratio Lower Upper
129 100
127 76.8 38.9 116.7





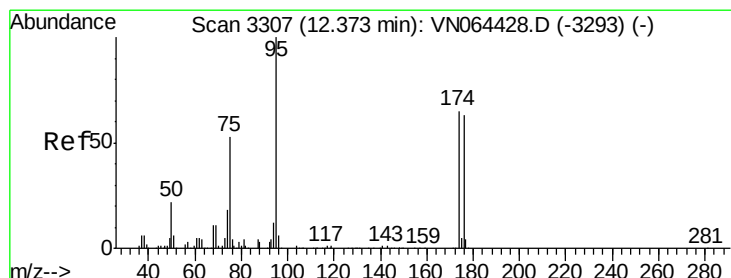
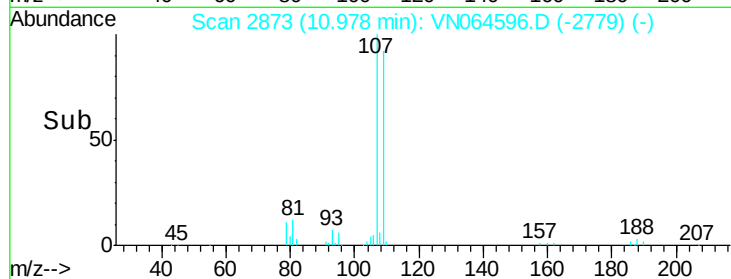
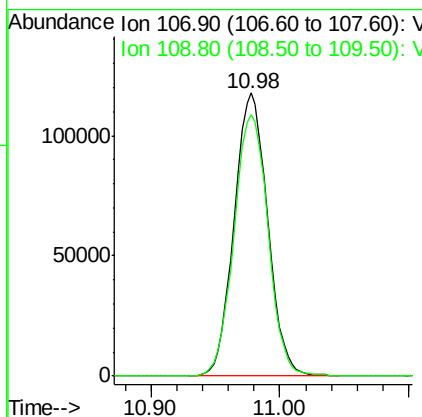
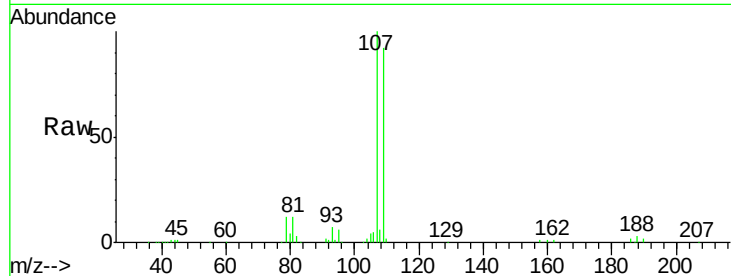
#61
 1,2-Dibromoethane
 Concen: 52.481 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064596.D
 Acq: 12 Nov 2020 21:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.1	75.9	113.9

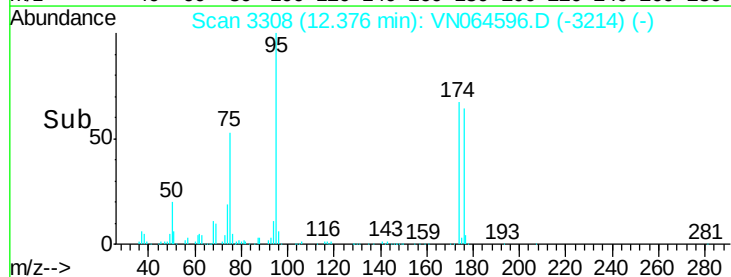
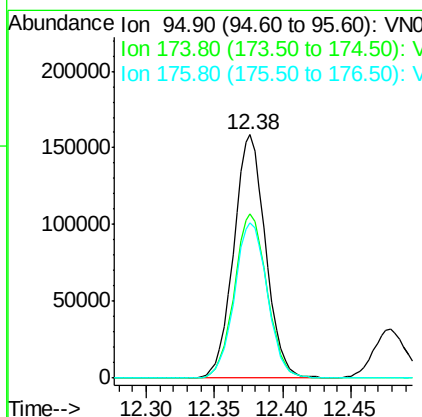
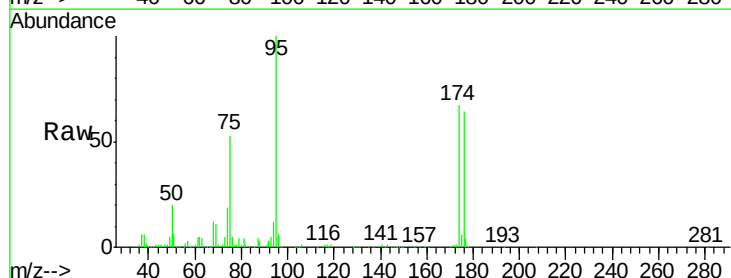
Manual Integrations
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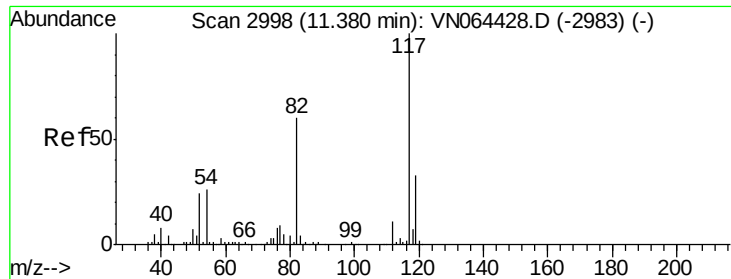
MMDadoda
 11/13/2020 11:43:04 AM



#62
 4-Bromofluorobenzene
 Concen: 47.709 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064596.D
 Acq: 12 Nov 2020 21:17

Tgt Ion	Ratio	Lower	Upper
95	100		
174	69.0	0.0	132.6
176	65.9	0.0	129.2





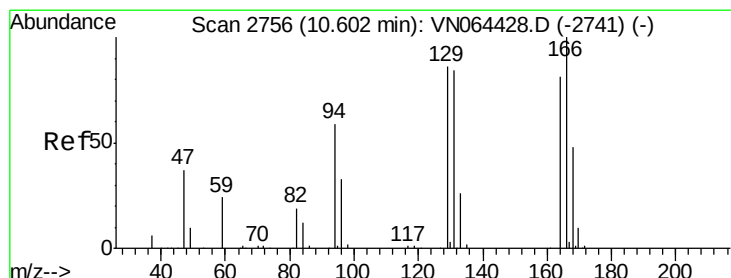
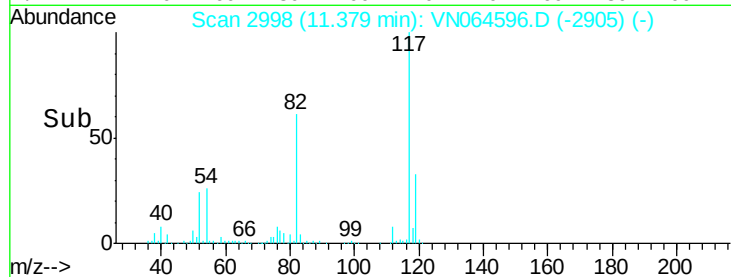
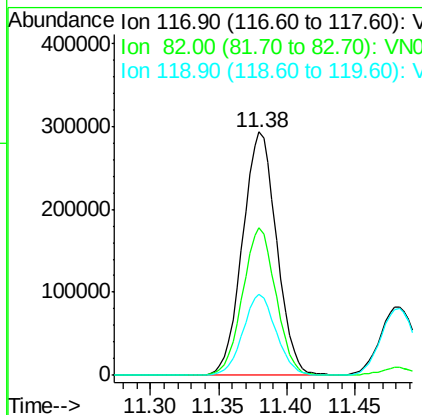
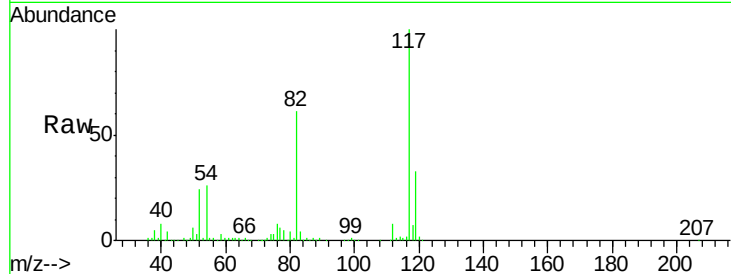
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	508559		
82	60.8		48.1	72.1
119	33.5		26.2	39.4

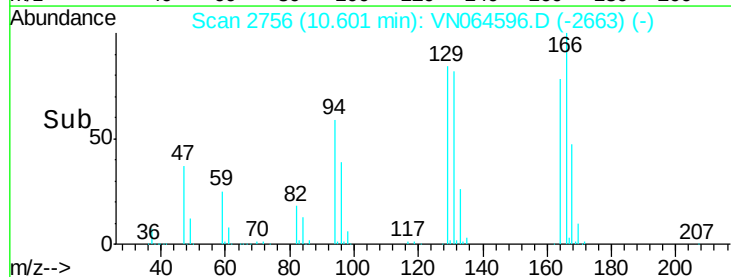
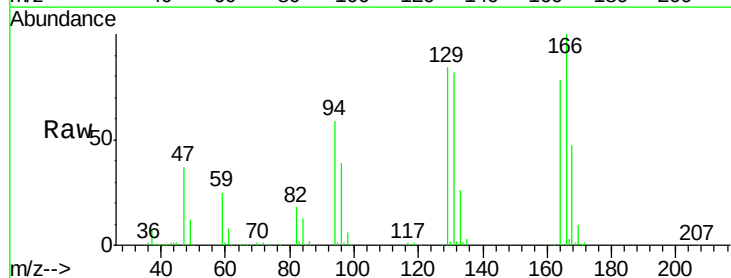
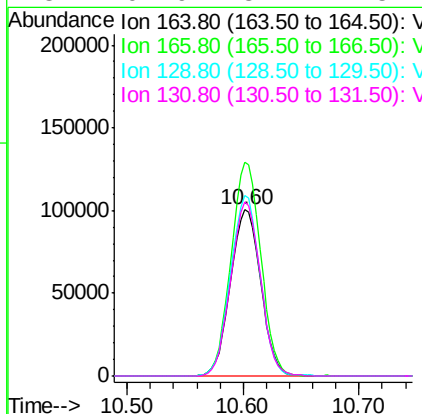
Manual Integrations
APPROVED

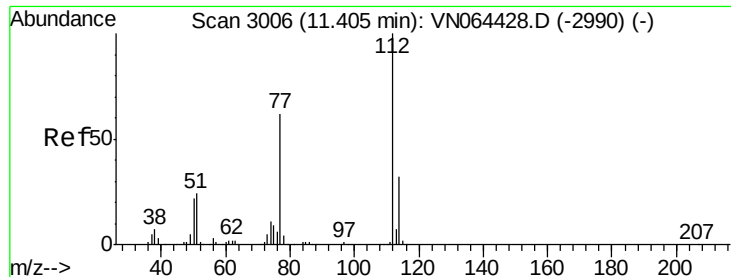
MMDadoda
11/13/2020 11:43:04 AM



#64
Tetrachloroethene
Concen: 46.318 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	181449		
166	128.6		98.2	147.2
129	108.4		84.6	127.0
131	104.9		82.2	123.2





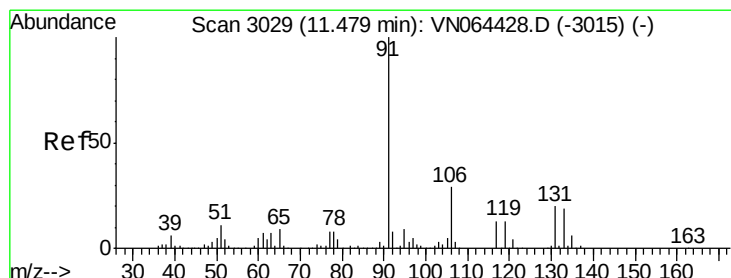
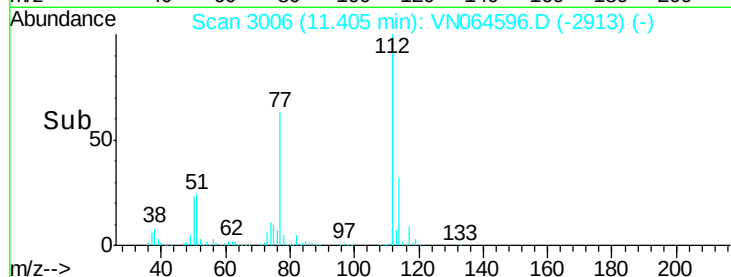
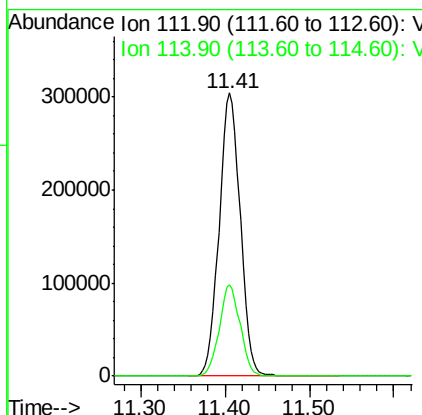
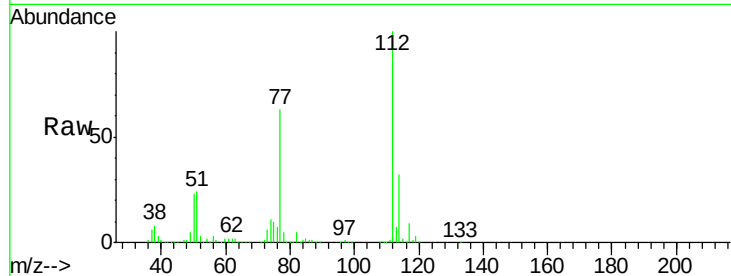
#65
Chlorobenzene
Concen: 47.515 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.6	38.4

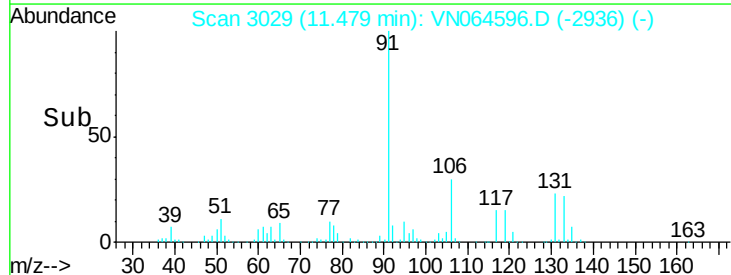
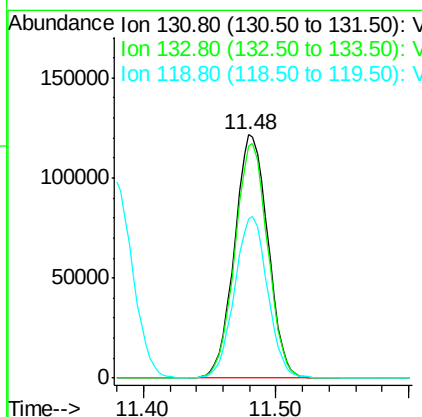
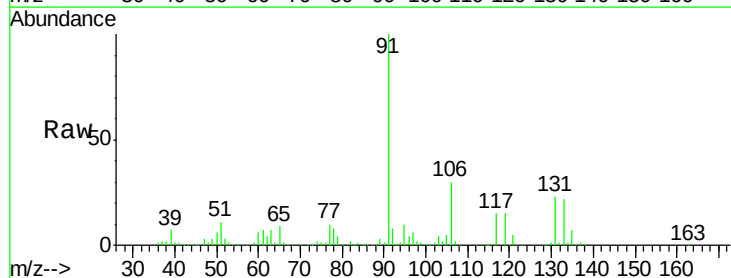
Manual Integrations
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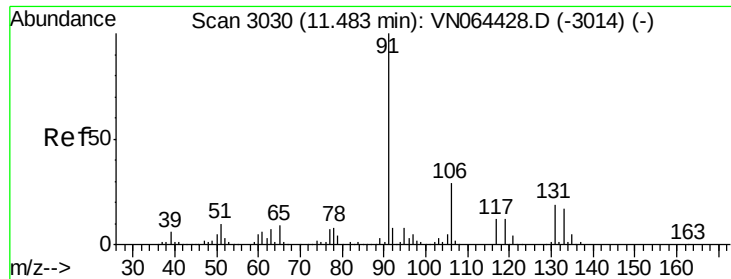
MMDadoda
11/13/2020 11:43:04 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 51.230 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.6	46.9	140.7
119	65.6	32.1	96.5





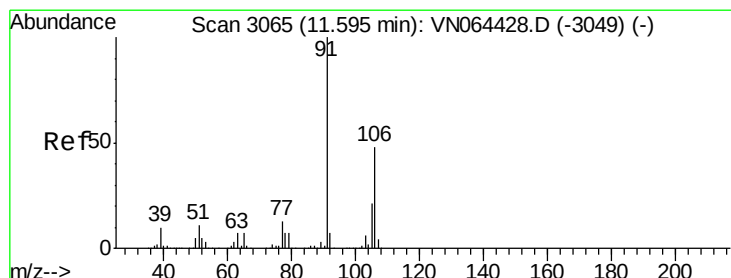
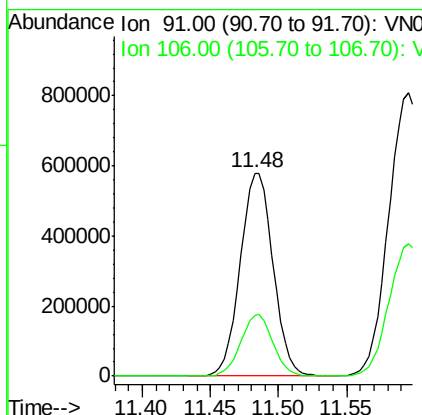
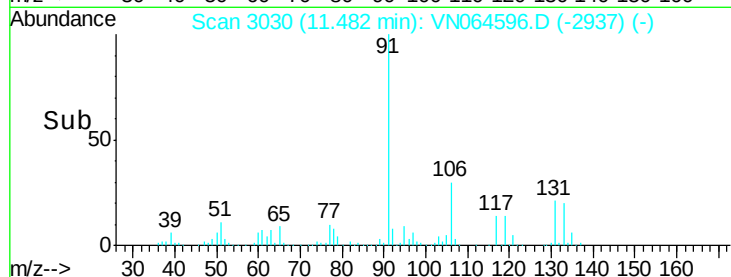
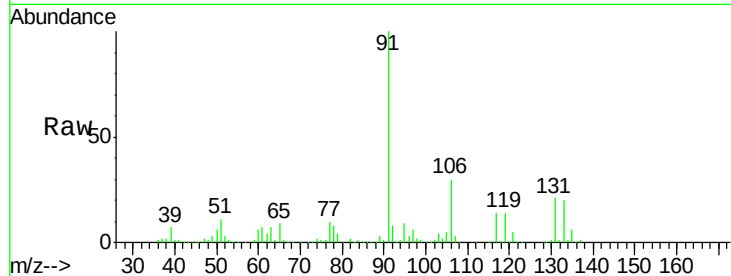
#67
Ethyl Benzene
Concen: 48.924 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 970191
Ion Ratio Lower Upper
91 100
106 30.2 23.6 35.4

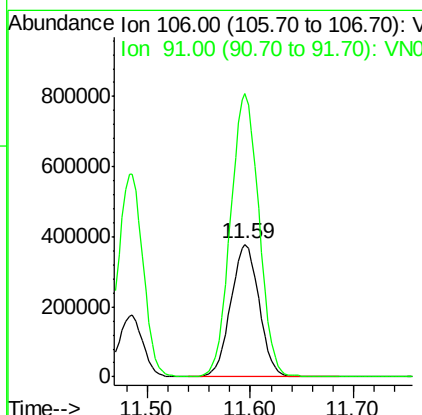
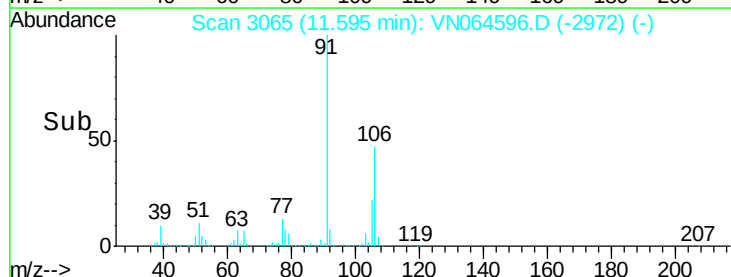
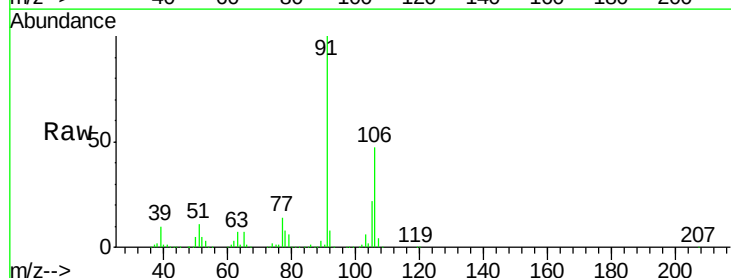
Manual Integrations
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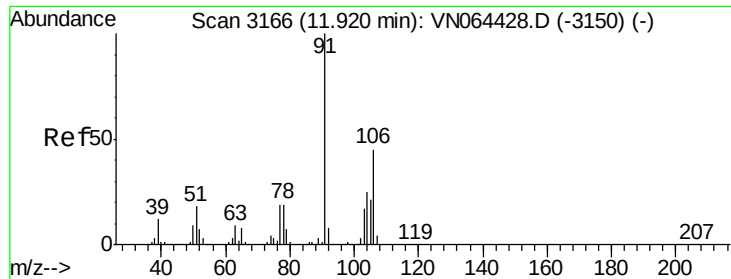
MMDadoda
11/13/2020 11:43:04 AM



#68
m/p-Xylenes
Concen: 100.357 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

Tgt Ion: 106 Resp: 721748
Ion Ratio Lower Upper
106 100
91 215.0 169.4 254.2





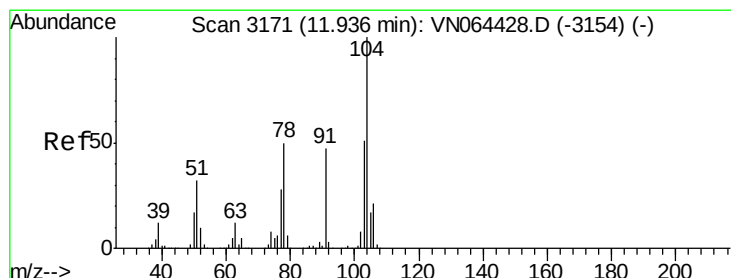
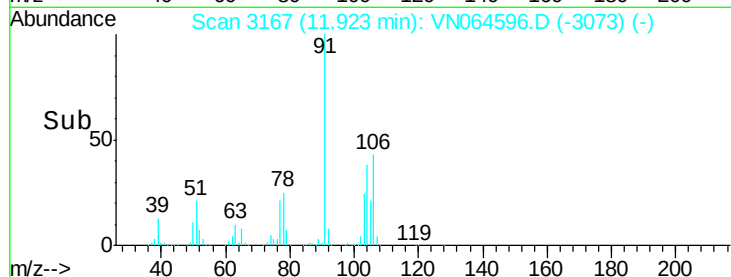
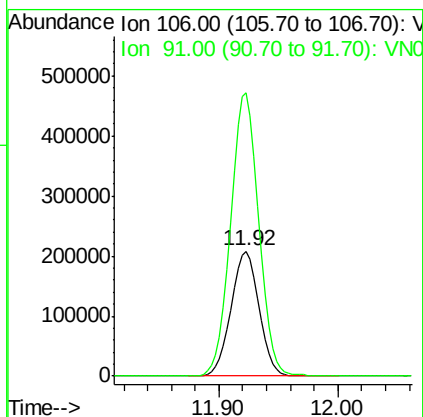
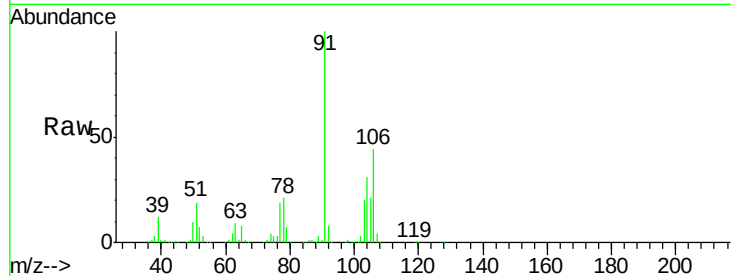
#69
o-Xylene
Concen: 48.880 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	339691		
91	91	226.3	111.7	334.9	

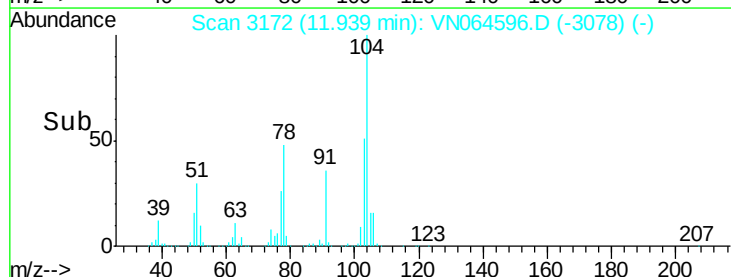
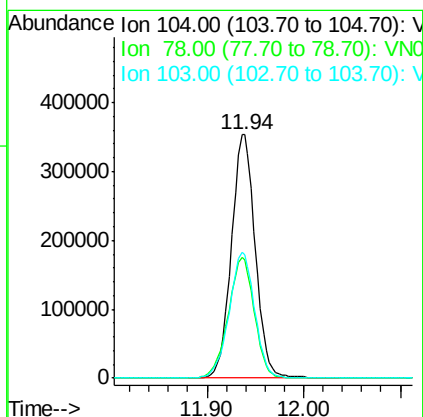
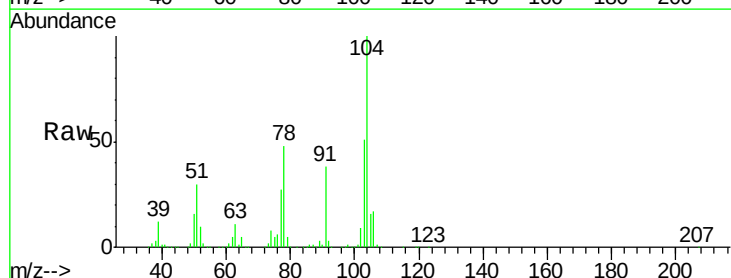
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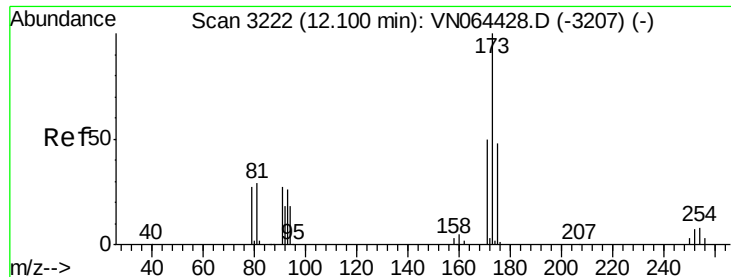
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#70
Styrene
Concen: 51.704 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	604638		
78	78	54.4	44.0	66.0	
103	103	55.4	43.8	65.6	





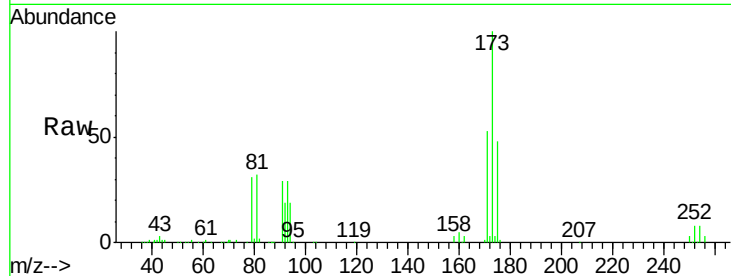
#71
Bromoform
Concen: 50.679 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.1	23.7	71.1
254	0.0	0.0	0.0

Manual Integrations
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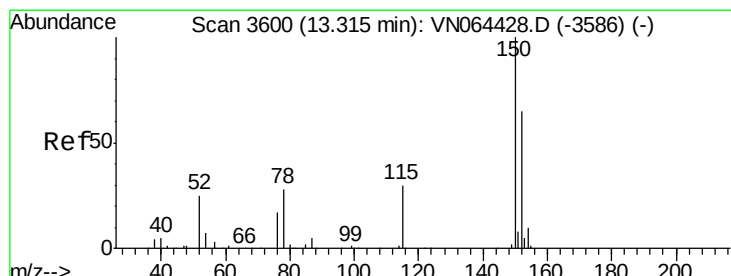
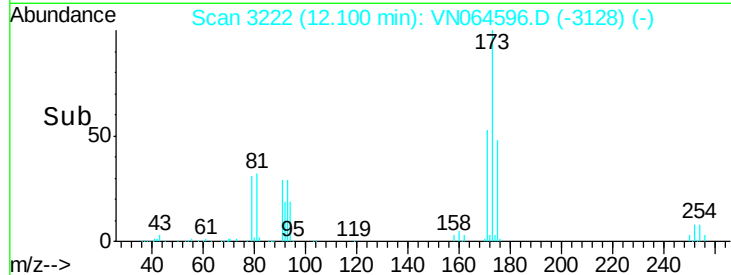
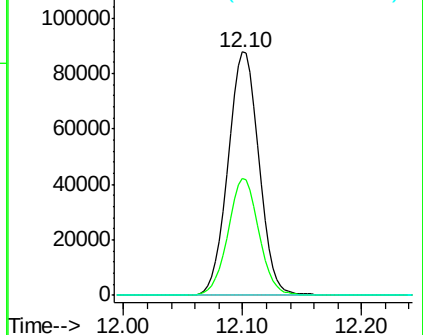


Abundance

Ion 172.70 (172.40 to 173.40): V

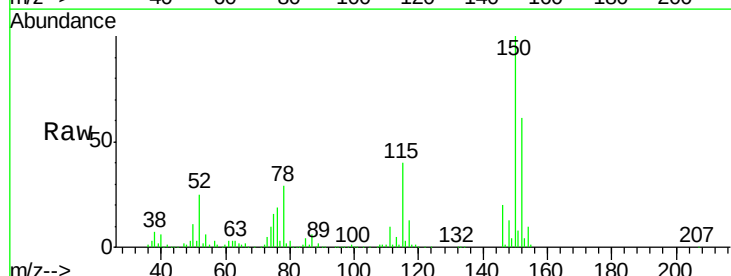
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.7	32.0	96.0
150	172.3	0.0	353.8

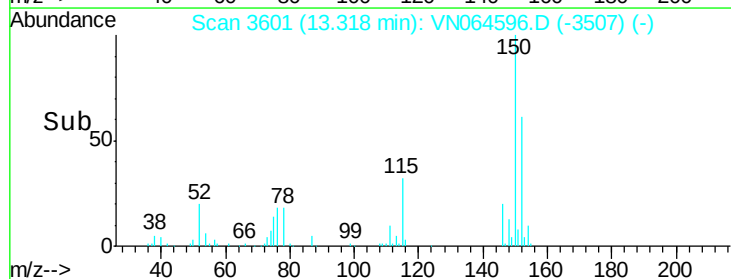
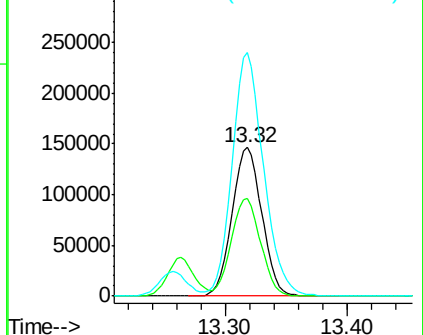


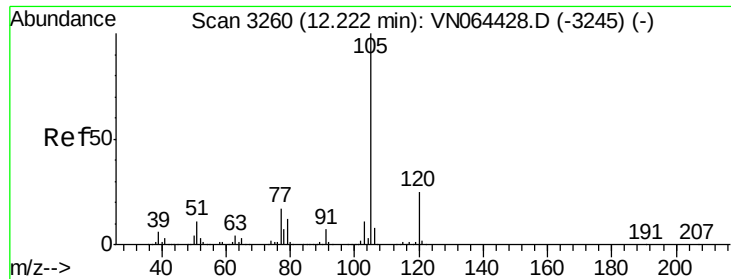
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 45.691 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064596.D

Acq: 12 Nov 2020 21:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 900924

Ion Ratio Lower Upper

105 100

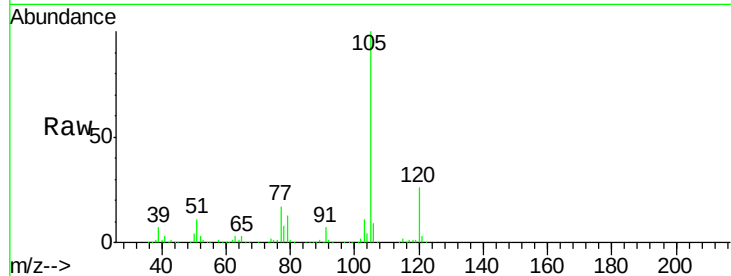
120 25.9 12.8 38.3

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

600000

500000

400000

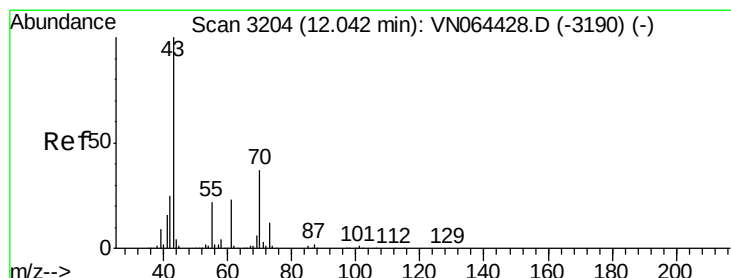
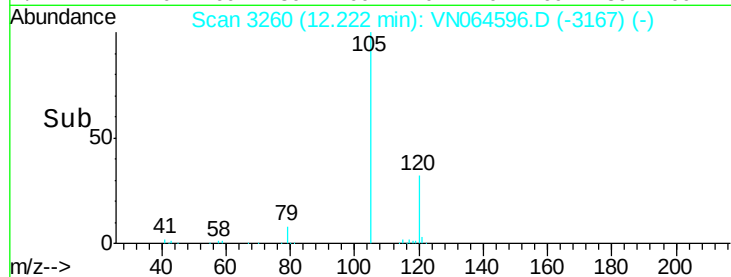
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 43.883 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064596.D

Acq: 12 Nov 2020 21:17

Tgt Ion: 43 Resp: 418201

Ion Ratio Lower Upper

43 100

70 36.9 29.6 44.4

55 24.7 18.4 27.6

61 21.8 17.8 26.6

Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

400000

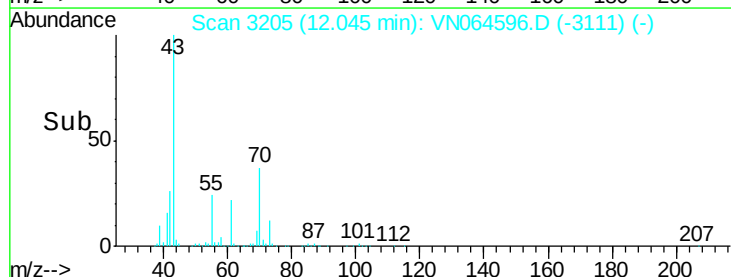
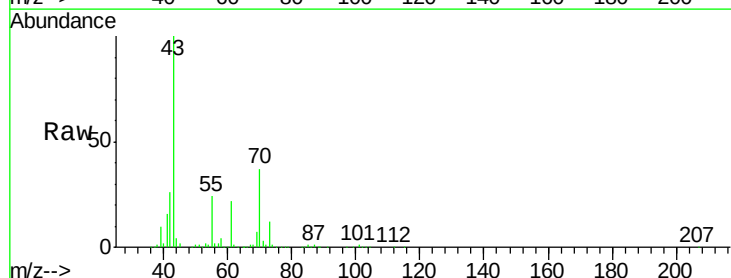
300000

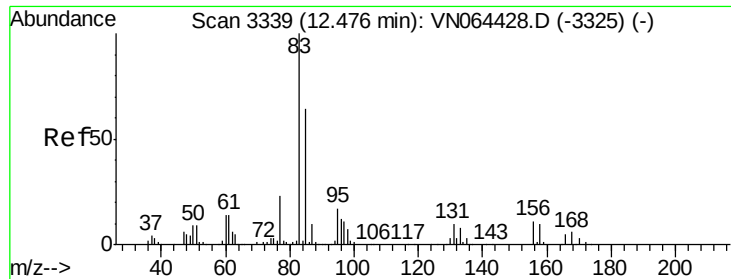
200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 49.985 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064596.D

Acq: 12 Nov 2020 21:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 302725

Ion Ratio Lower Upper

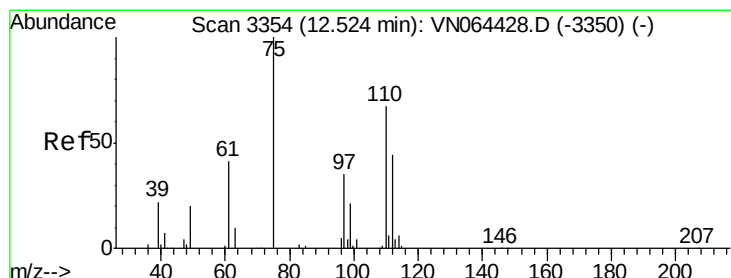
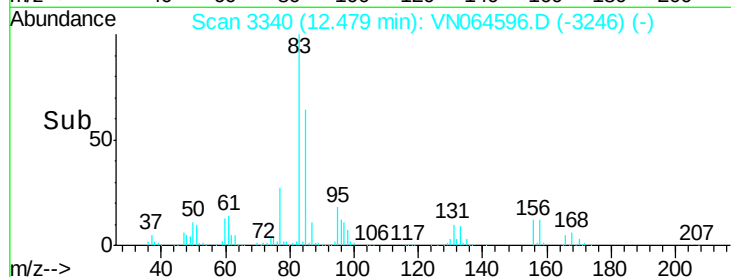
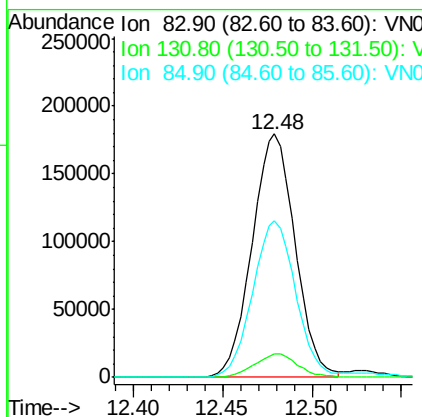
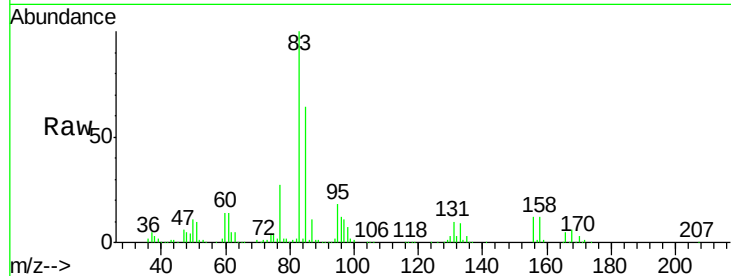
83 100

131 9.7 4.9 14.7

85 64.3 32.1 96.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 47.379 ug/l m

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064596.D

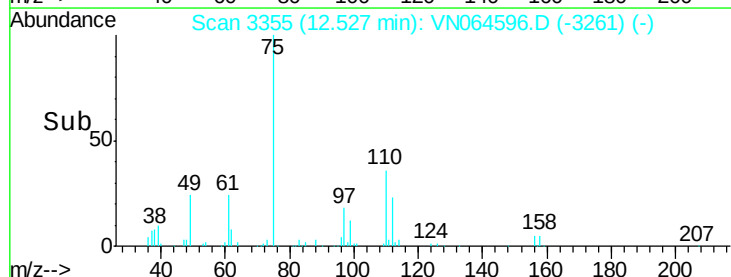
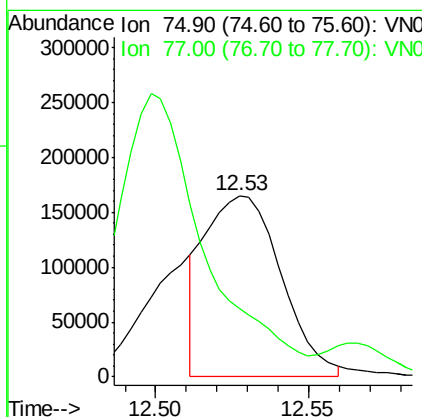
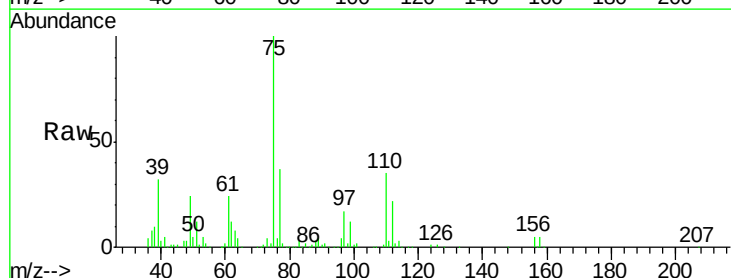
Acq: 12 Nov 2020 21:17

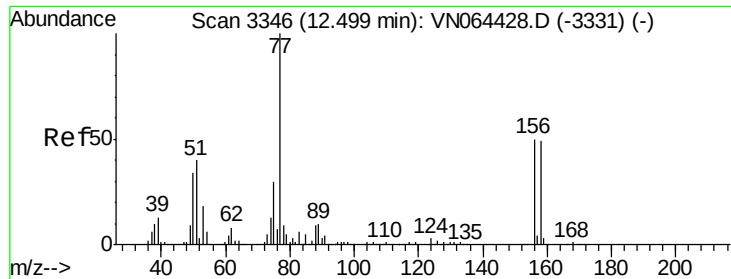
Tgt Ion: 75 Resp: 284777

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





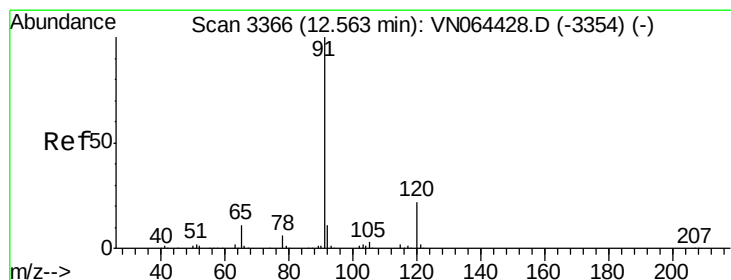
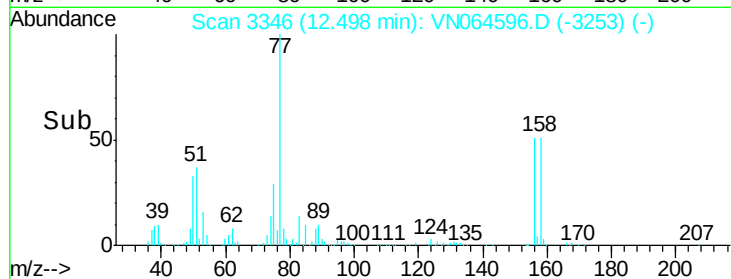
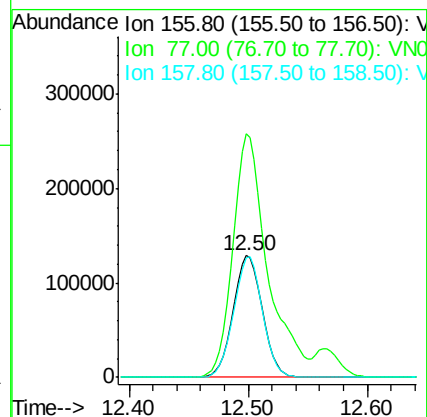
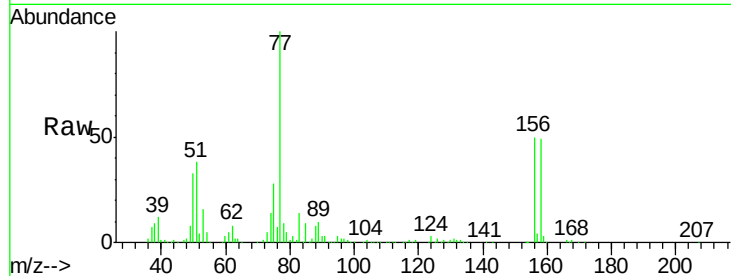
#77
Bromobenzene
Concen: 45.407 ug/l
RT: 12.50 min Scan# 3346
Delta R.T. -0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	237.2	119.0	357.0
158	98.1	48.4	145.3

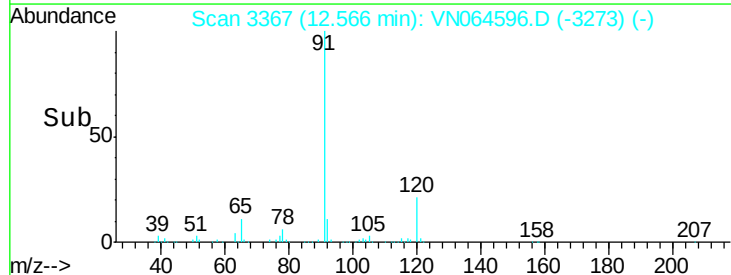
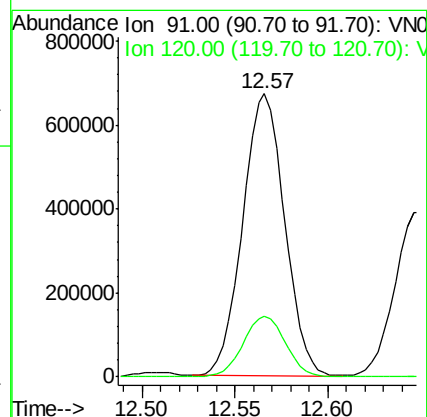
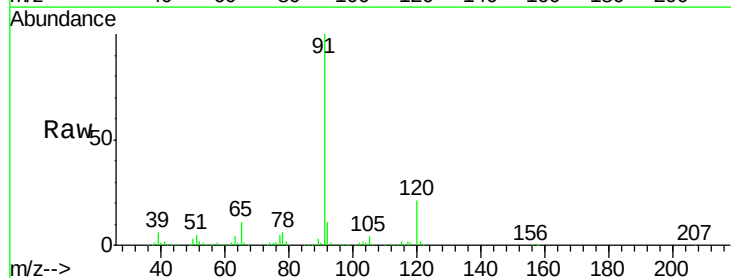
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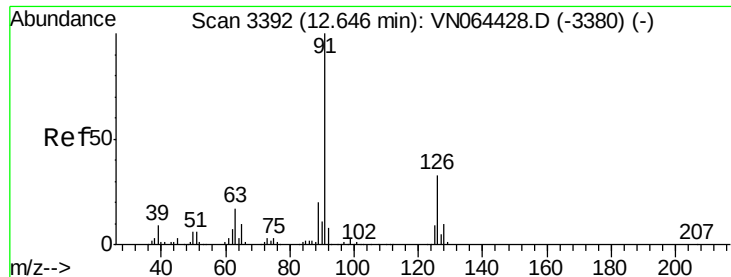
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#78
n-propylbenzene
Concen: 46.876 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. 0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.7	11.0	33.0





#79

2-Chlorotoluene

Concen: 46.456 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064596.D

Acq: 12 Nov 2020 21:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 662346

Ion Ratio Lower Upper

91 100

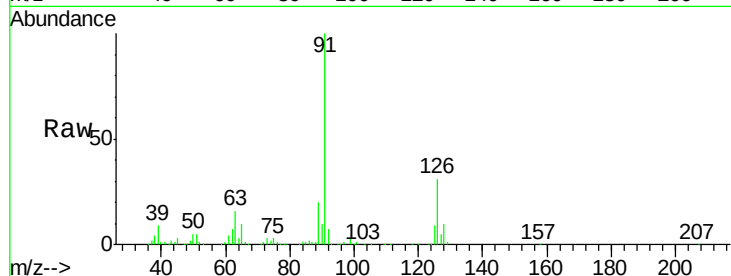
126 31.9 16.4 49.1

Manual Integrations

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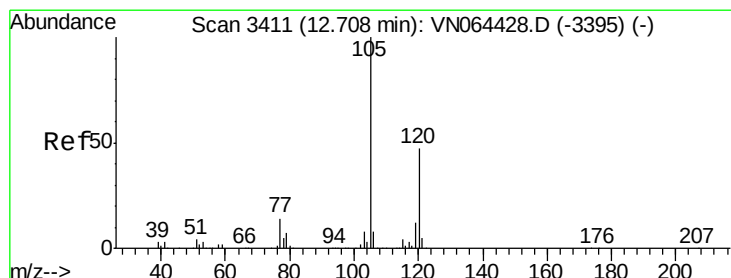
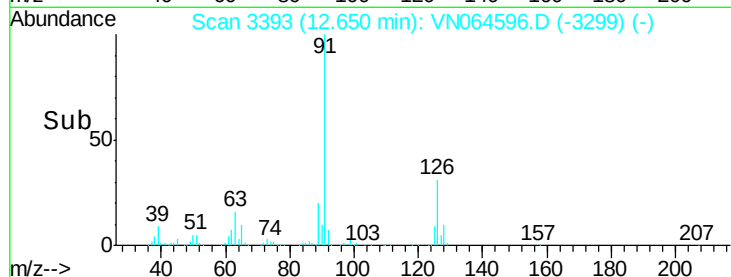
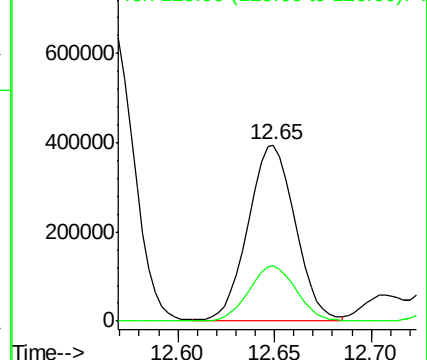
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Abundance Ion 91.00 (90.70 to 91.70): VN064428.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN064428.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 48.006 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064596.D

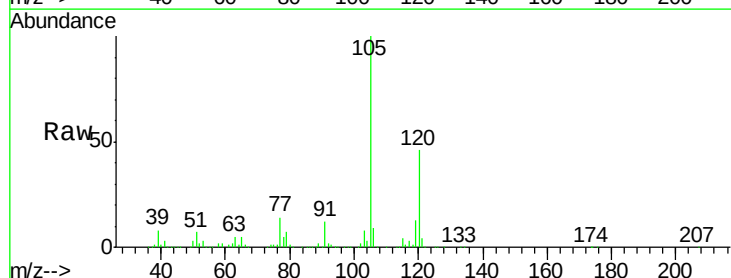
Acq: 12 Nov 2020 21:17

Tgt Ion: 105 Resp: 780890

Ion Ratio Lower Upper

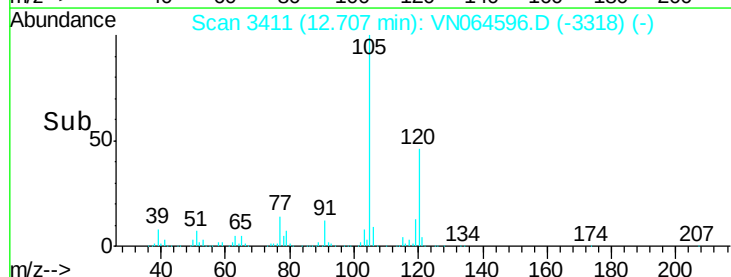
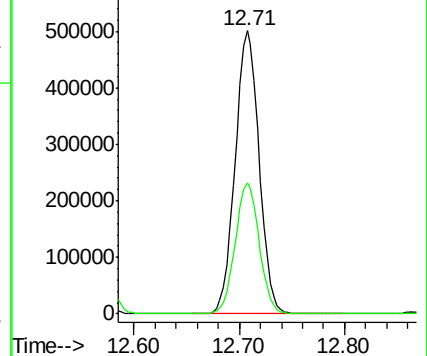
105 100

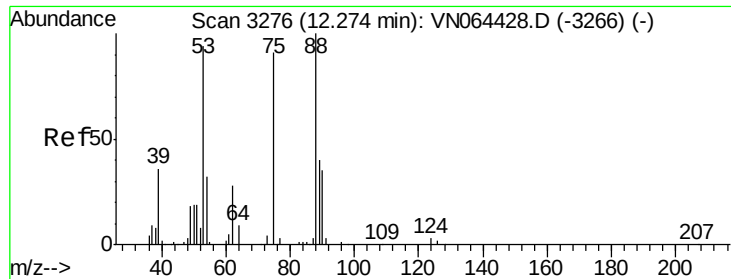
120 46.4 23.4 70.2



Abundance Ion 105.00 (104.70 to 105.70): VN064428.D (-3395) (-)

Ion 120.00 (119.70 to 120.70): VN064428.D (-3395) (-)





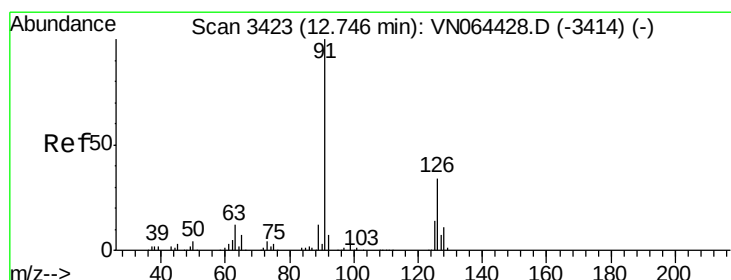
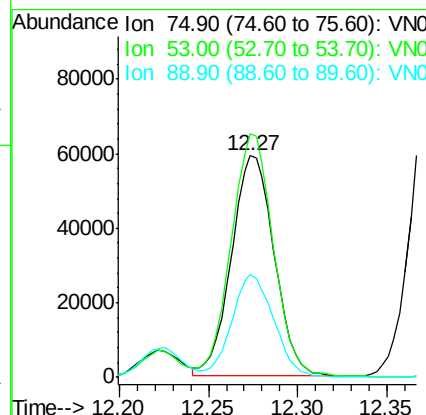
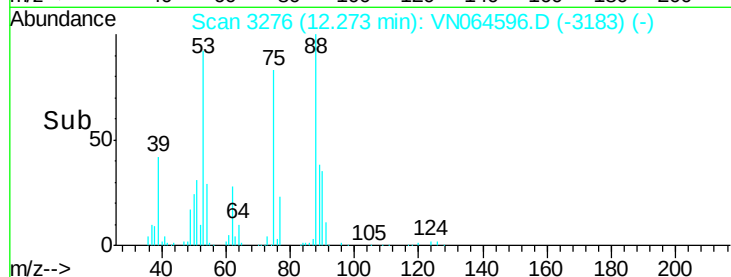
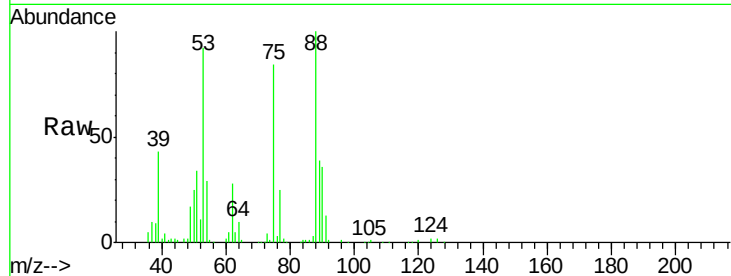
#81
trans-1,4-Dichloro-2-butene
Concen: 45.824 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. -0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	109.9	84.0	126.0
89	46.2	36.3	54.5

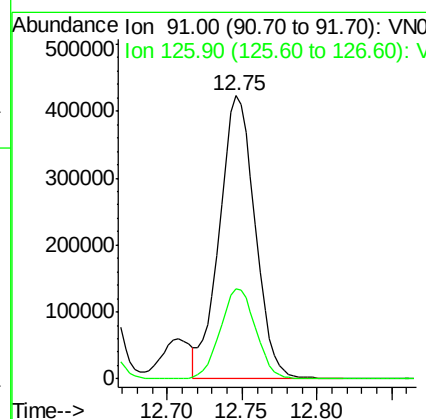
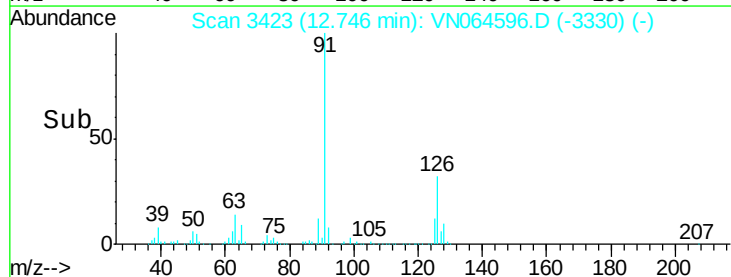
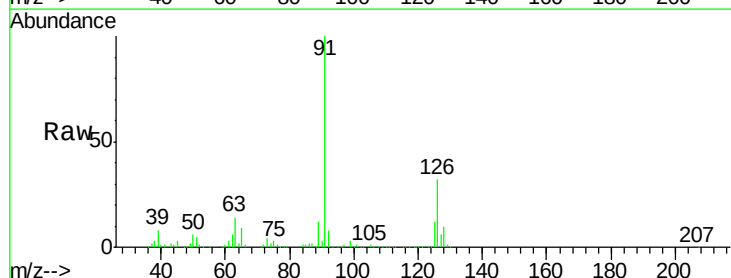
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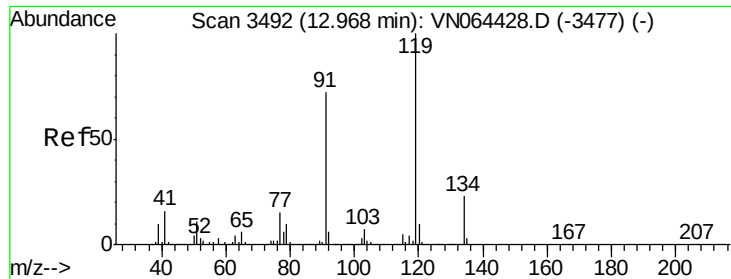
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#82
4-Chlorotoluene
Concen: 46.758 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. -0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.8	15.4	46.2





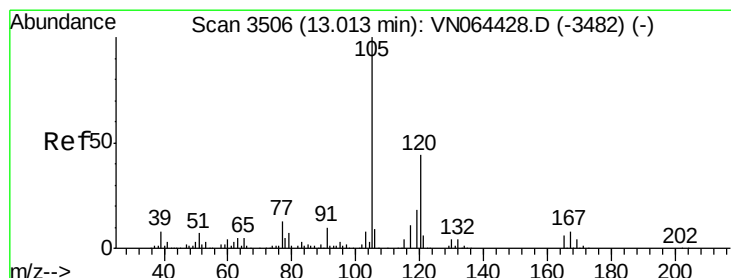
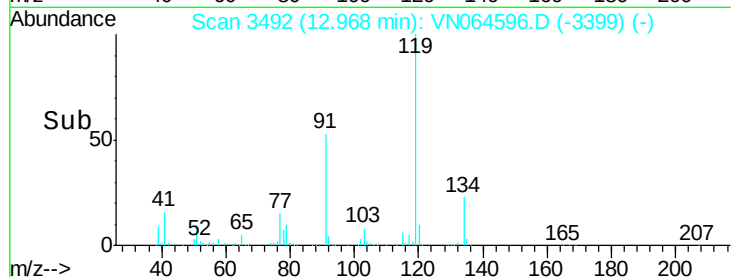
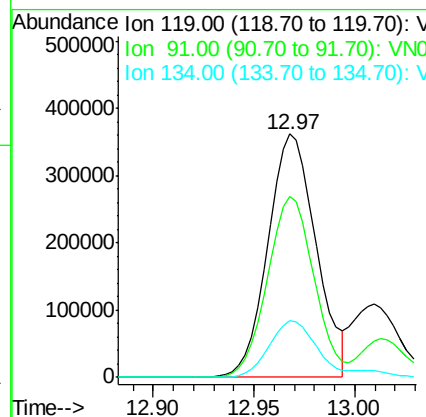
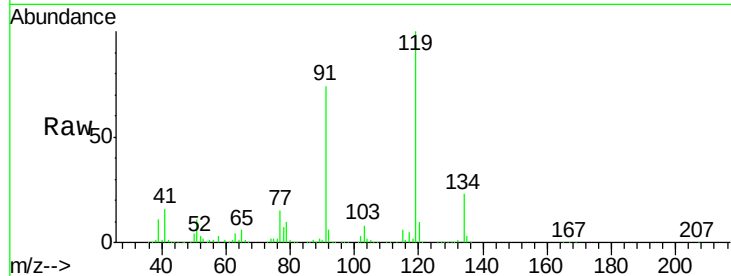
#83
 tert-Butylbenzene
 Concen: 47.243 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN064596.D
 Acq: 12 Nov 2020 21:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	600190		
91	72.1	36.1	108.3	
134	22.8	11.7	35.1	

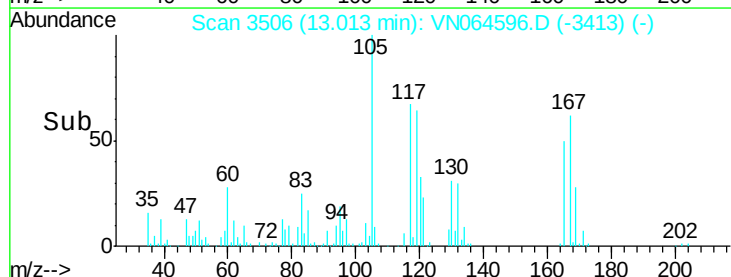
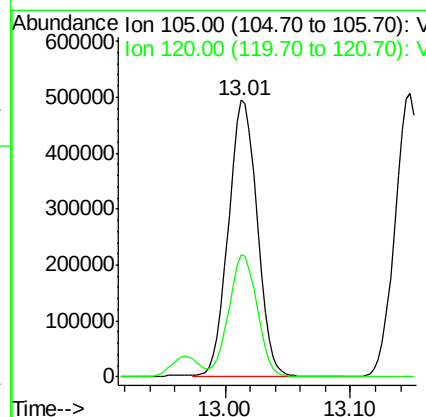
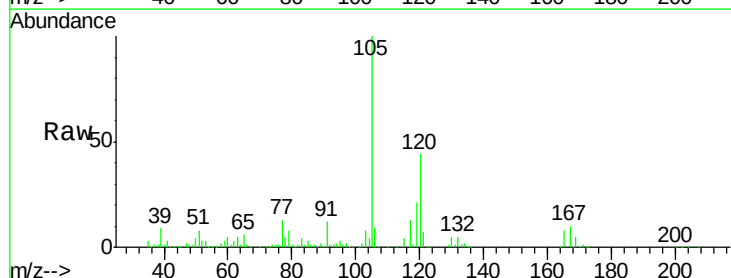
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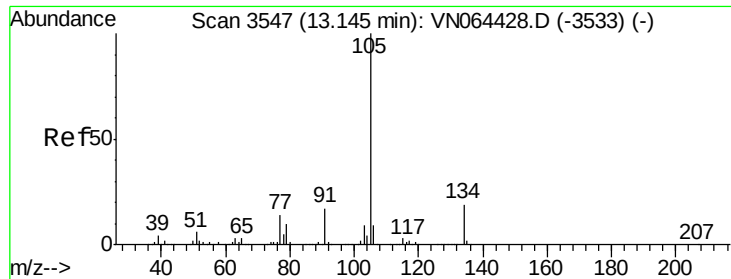
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#84
 1,2,4-Trimethylbenzene
 Concen: 48.124 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN064596.D
 Acq: 12 Nov 2020 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	786946		
120	43.4	21.9	65.7	





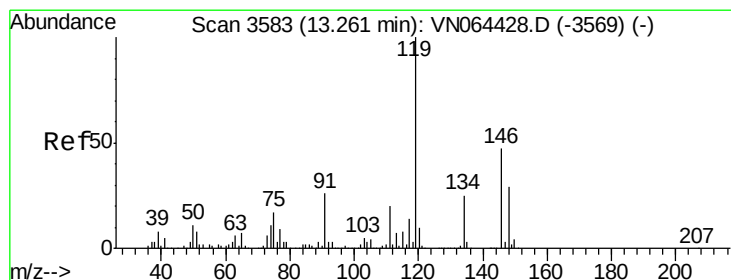
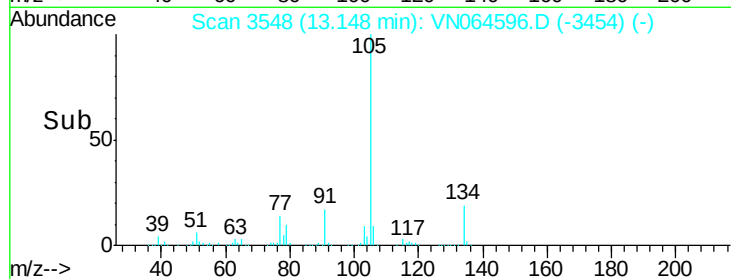
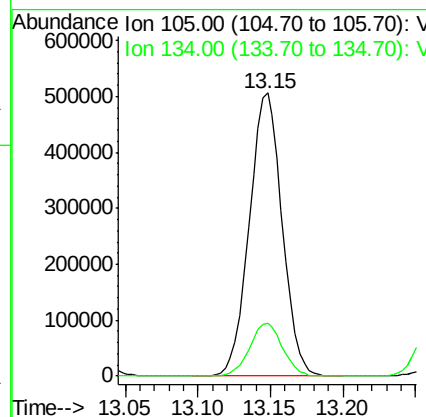
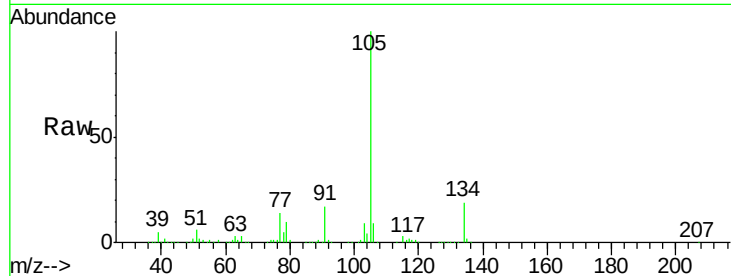
#85
 sec-Butylbenzene
 Concen: 49.183 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN064596.D
 Acq: 12 Nov 2020 21:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	18.9	9.4	28.2

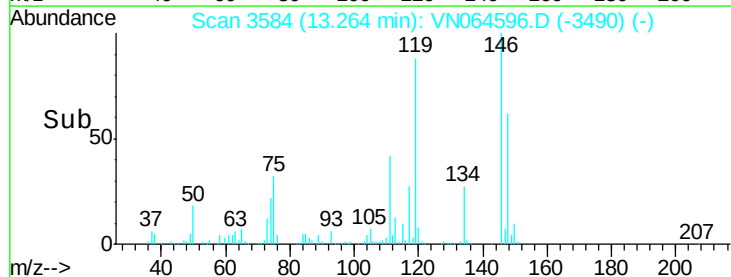
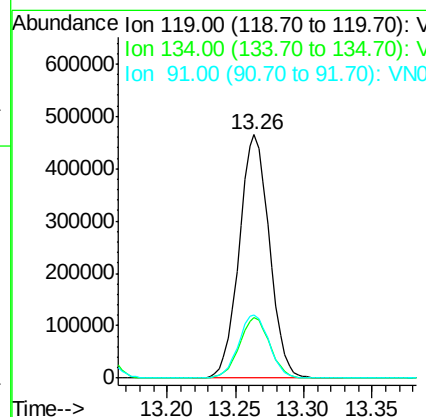
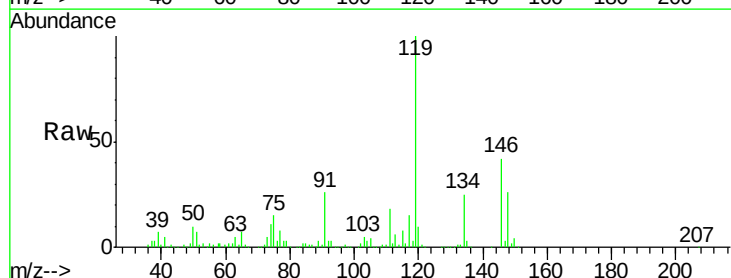
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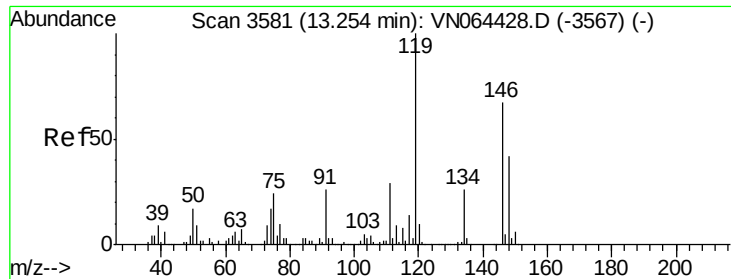
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#86
 p-Isopropyltoluene
 Concen: 49.157 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064596.D
 Acq: 12 Nov 2020 21:17

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.0	12.6	37.6
91	26.3	12.8	38.3





#87

1,3-Dichlorobenzene

Concen: 47.250 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN064596.D

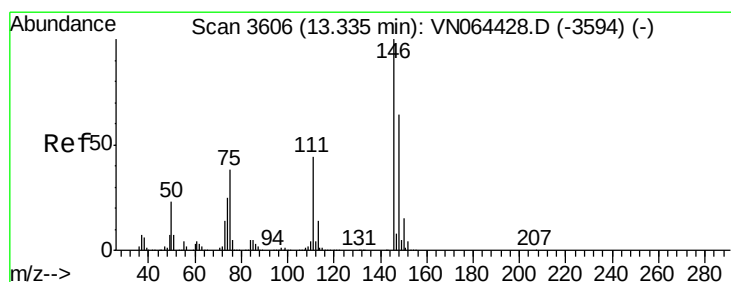
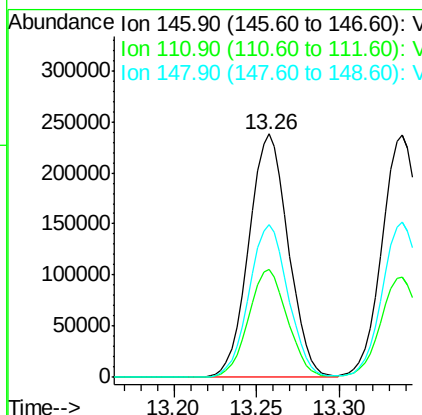
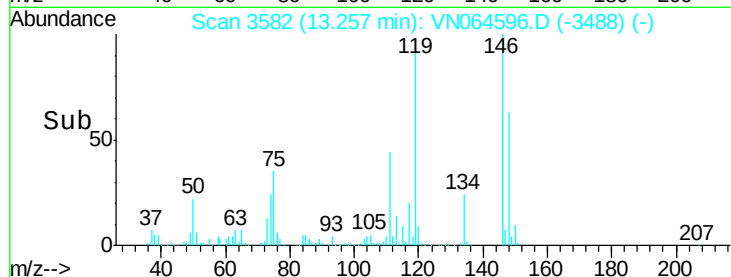
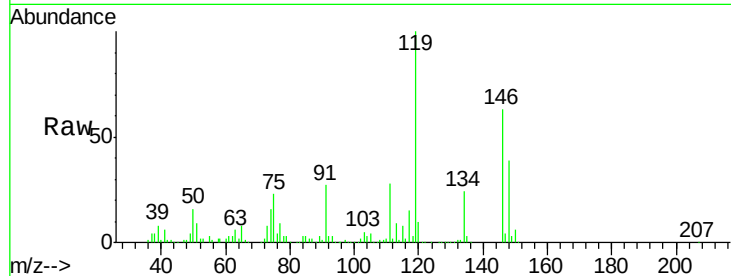
Acq: 12 Nov 2020 21:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	393196		
111	43.5	22.1	66.1	
148	62.5	31.7	95.1	

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#88

1,4-Dichlorobenzene

Concen: 45.124 ug/l

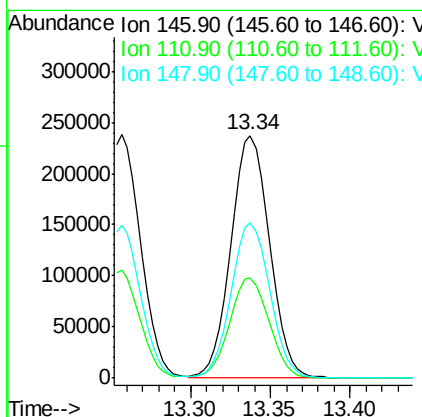
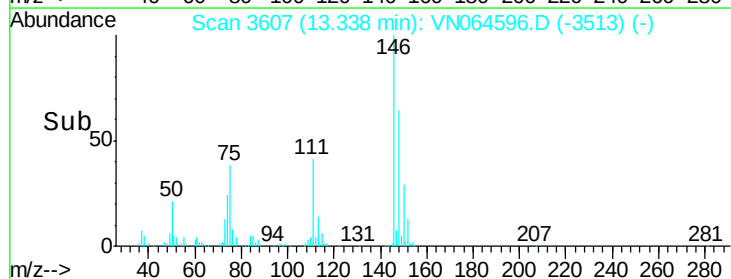
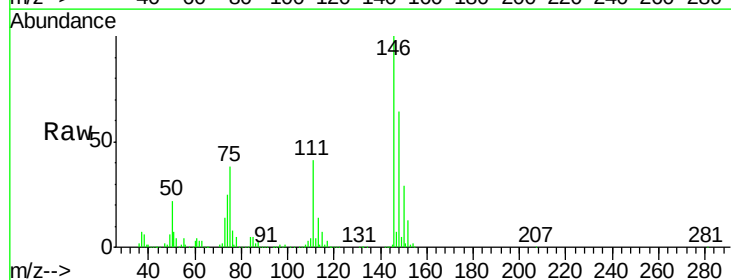
RT: 13.34 min Scan# 3607

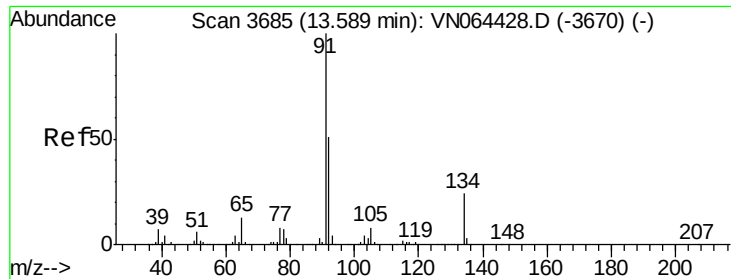
Delta R.T. 0.00 min

Lab File: VN064596.D

Acq: 12 Nov 2020 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	388050		
111	42.3	21.8	65.3	
148	64.3	32.4	97.2	





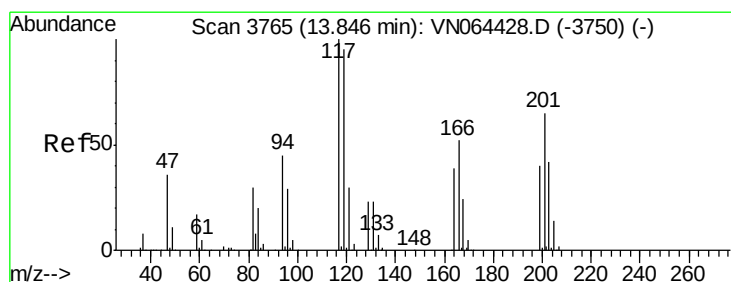
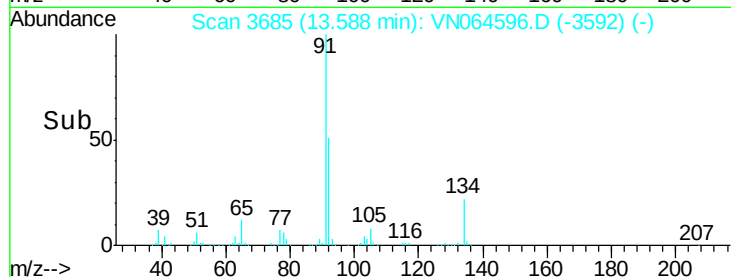
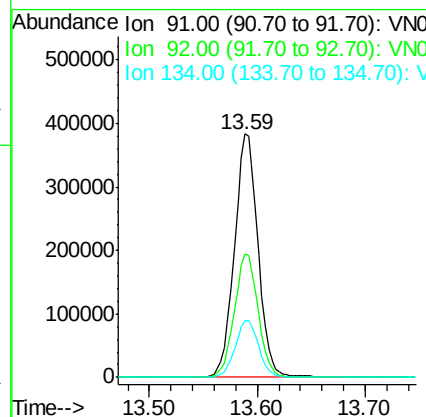
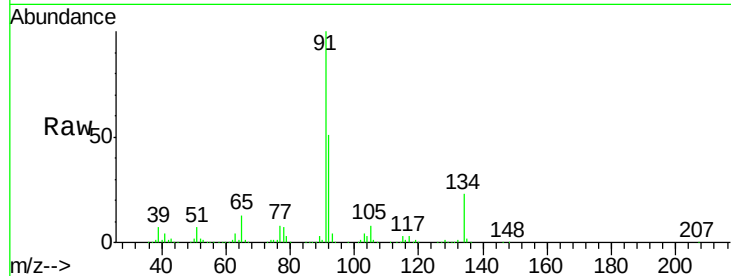
#89
n-Butylbenzene
Concen: 47.160 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.9	25.3	75.9
134	23.3	11.8	35.4

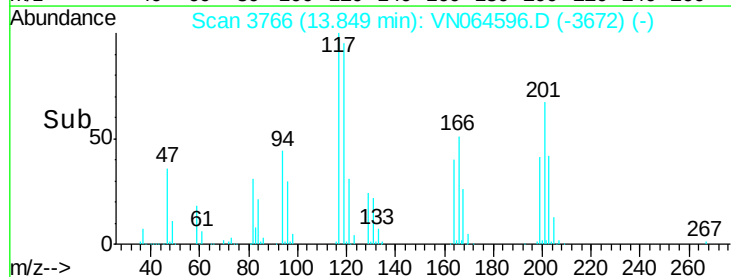
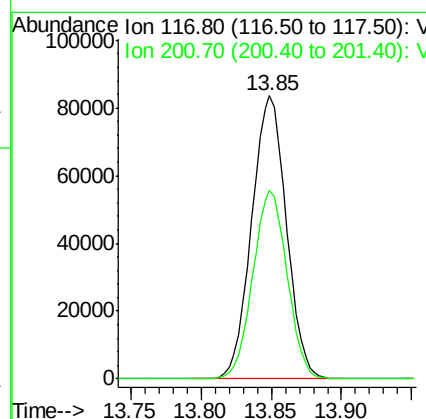
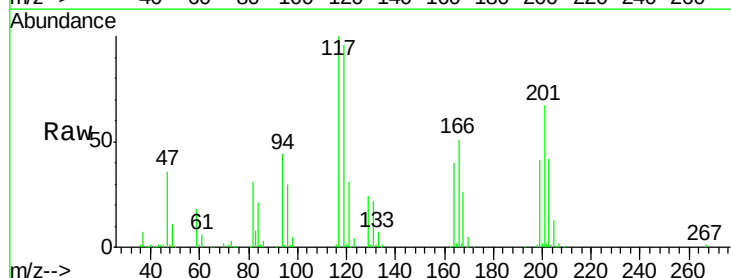
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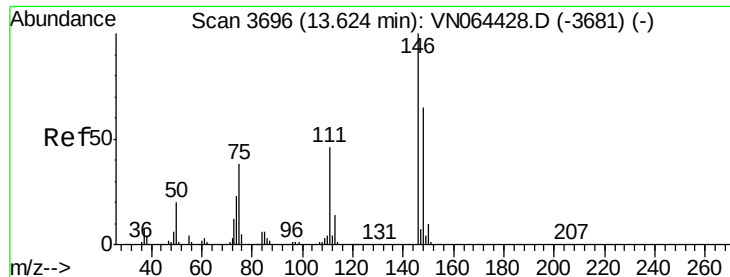
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#90
Hexachloroethane
Concen: 51.631 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

Tgt Ion	Ratio	Lower	Upper
117	100		
201	65.5	32.5	97.5





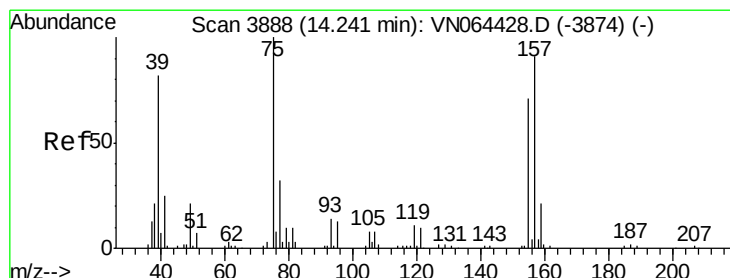
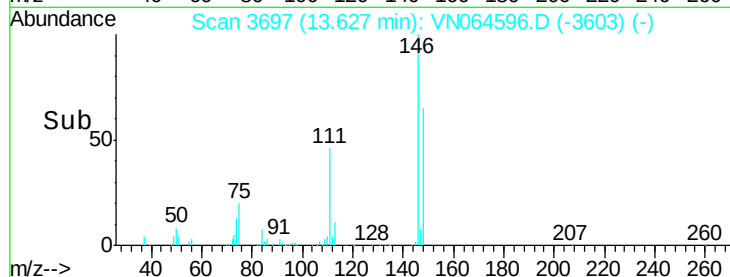
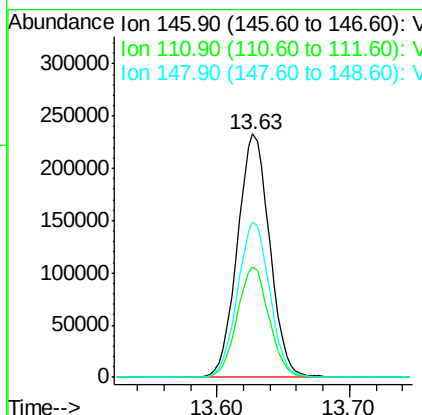
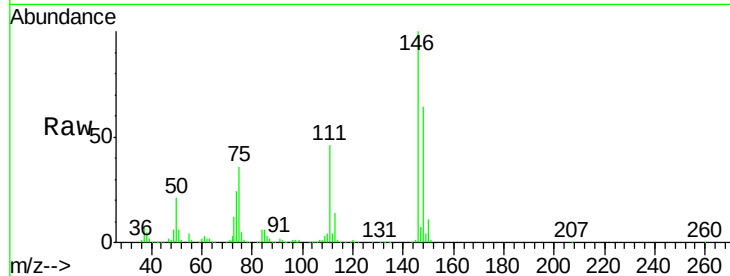
#91
 1,2-Dichlorobenzene
 Concen: 49.315 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064596.D
 Acq: 12 Nov 2020 21:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.7	22.9	68.7
148	63.5	32.0	96.2

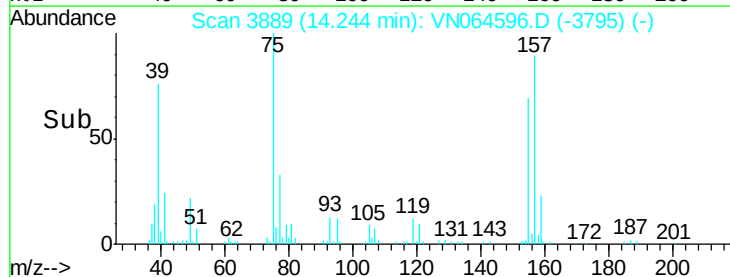
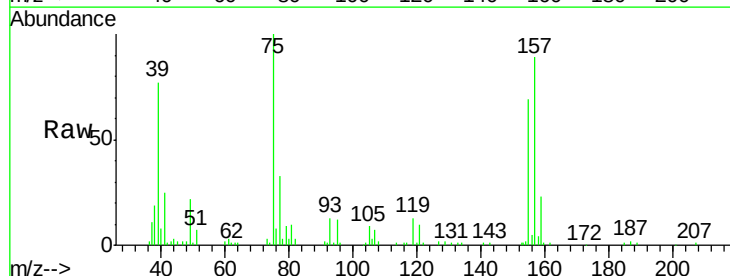
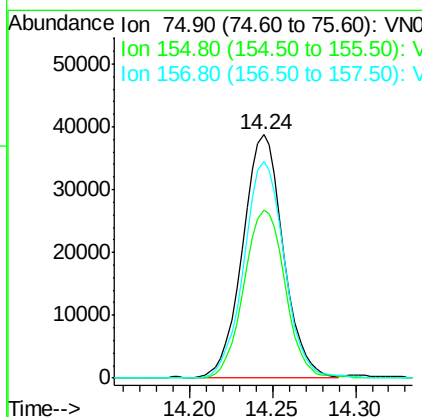
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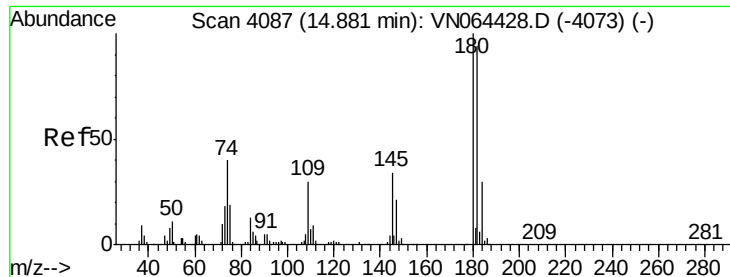
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.006 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064596.D
 Acq: 12 Nov 2020 21:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.8	34.6	103.9
157	88.4	43.0	128.8





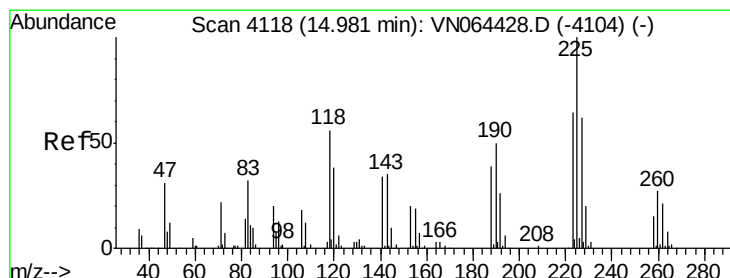
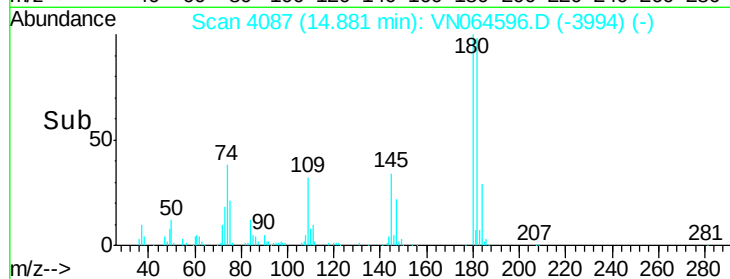
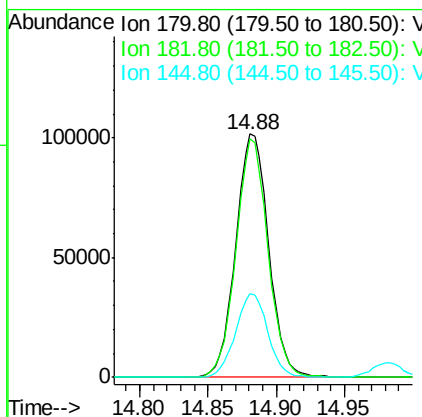
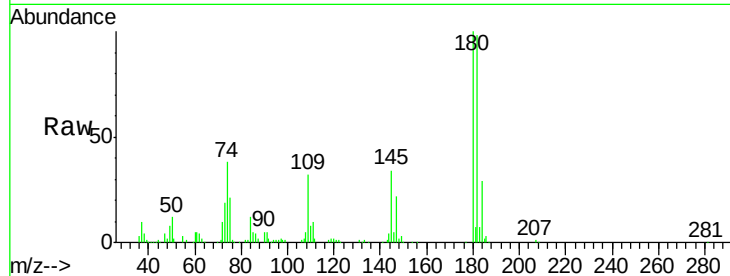
#93
 1,2,4-Trichlorobenzene
 Concen: 43.221 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN064596.D
 Acq: 12 Nov 2020 21:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	170533		
182	95.2	47.3	142.0	
145	33.6	16.7	50.1	

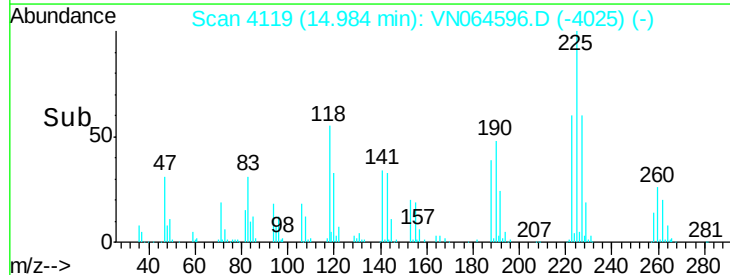
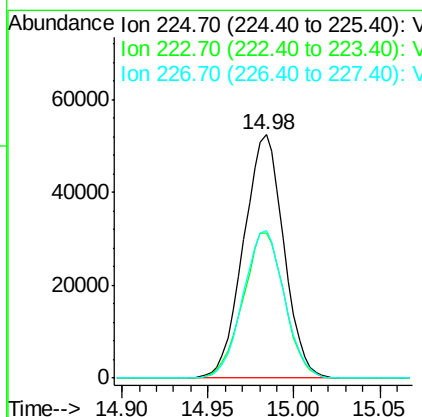
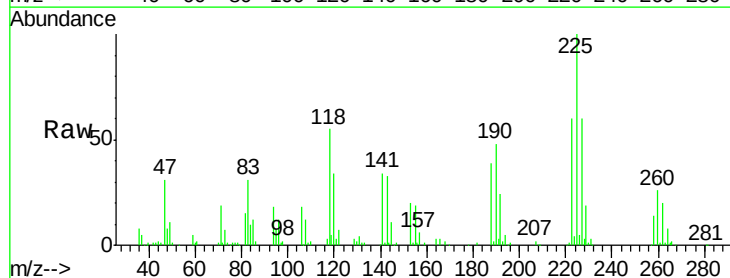
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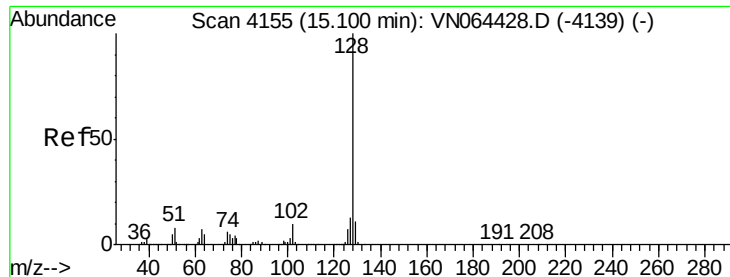
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#94
 Hexachlorobutadiene
 Concen: 52.388 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN064596.D
 Acq: 12 Nov 2020 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	85379		
223	61.5	31.8	95.4	
227	61.9	31.8	95.4	





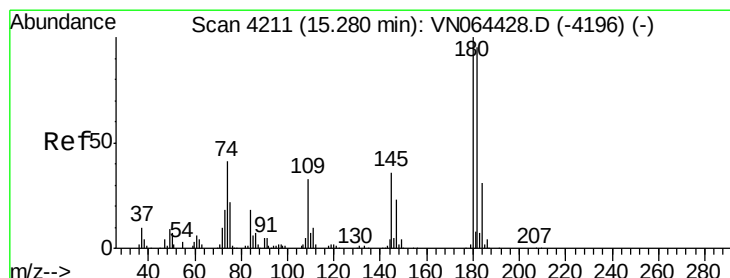
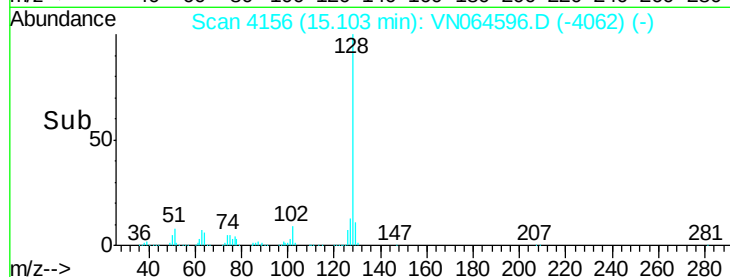
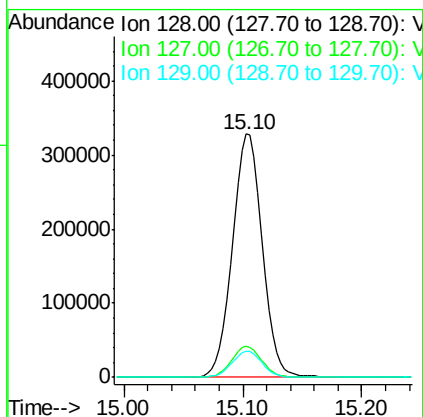
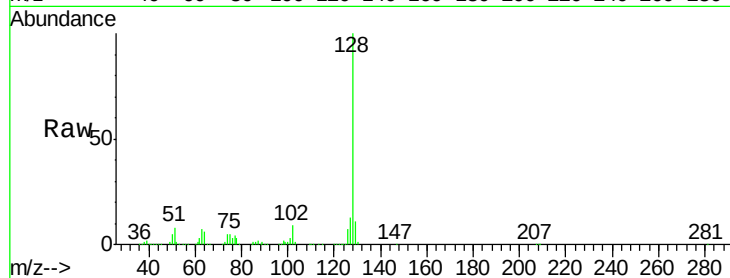
#95
Naphthalene
Concen: 42.553 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	10.9	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
11/13/2020 11:43:04 AM



#96
1,2,3-Trichlorobenzene
Concen: 45.549 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064596.D
Acq: 12 Nov 2020 21:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.7	143.1
145	36.4	18.3	54.8

