

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120720\
 Data File : VN064957.D
 Acq On : 7 Dec 2020 20:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/8/2020 5:04:16 PM

Quant Time: Dec 08 08:44:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	205102	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	322722	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	294055	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	140623	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	114846	48.16	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.32%
35) Dibromofluoromethane	7.55	113	98135	50.82	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.64%
50) Toluene-d8	10.06	98	381162	48.31	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.62%
62) 4-Bromofluorobenzene	12.37	95	138199	48.94	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.88%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	67450	37.945	ug/l	97
3) Chloromethane	2.04	50	93211	40.352	ug/l	99
4) Vinyl Chloride	2.16	62	99097	41.148	ug/l	96
5) Bromomethane	2.52	94	63373	40.108	ug/l	100
6) Chloroethane	2.67	64	62999	42.294	ug/l	97
7) Trichlorofluoromethane	2.99	101	144184	43.311	ug/l	97
8) Diethyl Ether	3.37	74	59954	45.625	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	86499	43.314	ug/l	99
10) Methyl Iodide	3.91	142	106740	41.207	ug/l	98
11) Tert butyl alcohol	4.75	59	80515	216.519	ug/l	100
12) 1,1-Dichloroethene	3.69	96	87347	43.918	ug/l	99
13) Acrolein	3.56	56	68375	301.028	ug/l	98
14) Allyl chloride	4.27	41	145981	44.502	ug/l	99
15) Acrylonitrile	4.93	53	239383	233.028	ug/l	100
16) Acetone	3.78	43	180125	229.800	ug/l	98
17) Carbon Disulfide	4.01	76	210072	40.909	ug/l	98
18) Methyl Acetate	4.28	43	114391	48.540	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	314001	49.226	ug/l	99
20) Methylene Chloride	4.50	84	108524	44.184	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	96740	43.801	ug/l	98
22) Diisopropyl ether	5.90	45	323114	49.211	ug/l	98
23) Vinyl Acetate	5.85	43	1278955	243.585	ug/l	99
24) 1,1-Dichloroethane	5.80	63	187368	47.750	ug/l	100
25) 2-Butanone	6.79	43	294670	231.908	ug/l	95
26) 2,2-Dichloropropane	6.78	77	147945	43.471	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	117046	47.095	ug/l	97
28) Bromochloromethane	7.15	49	81863	45.603	ug/l	94
29) Tetrahydrofuran	7.17	42	197222	224.855	ug/l	99
30) Chloroform	7.33	83	189760	46.894	ug/l	99
31) Cyclohexane	7.61	56	136291	41.010	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	162240	46.681	ug/l	98
36) 1,1-Dichloropropene	7.75	75	136974	45.791	ug/l	98
37) Ethyl Acetate	6.88	43	126742	43.986	ug/l	99
38) Carbon Tetrachloride	7.73	117	140239	45.057	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	131888	40.957	ug/l	98
40) Benzene	8.00	78	421396	45.972	ug/l	99
41) Methacrylonitrile	7.13	41	64206	48.291	ug/l	90
42) 1,2-Dichloroethane	8.08	62	141455	45.745	ug/l	99
43) Isopropyl Acetate	8.13	43	211687	45.656	ug/l	99
44) Trichloroethene	8.80	130	116784	43.180	ug/l	98
45) 1,2-Dichloropropane	9.08	63	115590	48.694	ug/l	95
46) Dibromomethane	9.17	93	75763	47.774	ug/l	97
47) Bromodichloromethane	9.37	83	149951	46.993	ug/l	99
48) Methyl methacrylate	9.17	41	104886	47.341	ug/l	98
49) 1,4-Dioxane	9.17	88	37562	897.026	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	643202	231.072	ug/l	100
52) Toluene	10.12	92	264660	46.884	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	165800	46.651	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	181801	47.723	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	109660	47.241	ug/l	97
56) Ethyl methacrylate	10.40	69	155559	48.562	ug/l	99
57) 1,3-Dichloropropane	10.68	76	182387	47.631	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	424429	240.873	ug/l	100
59) 2-Hexanone	10.72	43	461927	230.585	ug/l	100
60) Dibromochloromethane	10.87	129	123438	47.838	ug/l	100
61) 1,2-Dibromoethane	10.97	107	112556	47.726	ug/l	99
64) Tetrachloroethene	10.60	164	115991	40.544	ug/l	99
65) Chlorobenzene	11.41	112	295602	46.811	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	112016	48.268	ug/l	99
67) Ethyl Benzene	11.48	91	502759	47.658	ug/l	100
68) m/p-Xylenes	11.59	106	386811	96.848	ug/l	99
69) o-Xylene	11.92	106	187494	49.469	ug/l	100
70) Styrene	11.94	104	321283	50.214	ug/l	99
71) Bromoform	12.10	173	85020	45.869	ug/l #	99
73) Isopropylbenzene	12.22	105	488897	49.983	ug/l	100
74) N-amyl acetate	12.04	43	186149	48.359	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	143339	49.997	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	150795m	49.793	ug/l	
77) Bromobenzene	12.50	156	128524	48.738	ug/l	98
78) n-propylbenzene	12.56	91	545983	48.998	ug/l	98
79) 2-Chlorotoluene	12.65	91	328217	47.651	ug/l	97
80) 1,3,5-Trimethylbenzene	12.70	105	409247	50.337	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	51094	46.241	ug/l	97
82) 4-Chlorotoluene	12.75	91	347101	48.076	ug/l	99
83) tert-Butylbenzene	12.97	119	347889	51.050	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	425258	51.733	ug/l	100
85) sec-Butylbenzene	13.14	105	438625	48.477	ug/l	99
86) p-Isopropyltoluene	13.26	119	408782	49.624	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	221370	47.250	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	223773	45.163	ug/l	100
89) n-Butylbenzene	13.59	91	327102	45.216	ug/l	99
90) Hexachloroethane	13.85	117	70653	49.372	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	222322	48.328	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	28387	44.005	ug/l	99

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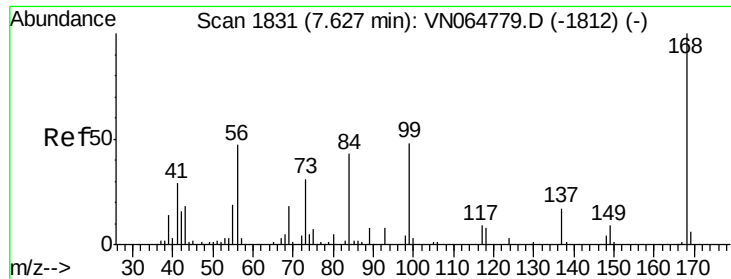
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	119112	41.856	ug/l	99
94) Hexachlorobutadiene	14.98	225	57981	45.280	ug/l	100
95) Naphthalene	15.10	128	369444	43.334	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	115826	43.029	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064957.D

Acq: 7 Dec 2020 20:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 205102

Ion Ratio Lower Upper

168 100

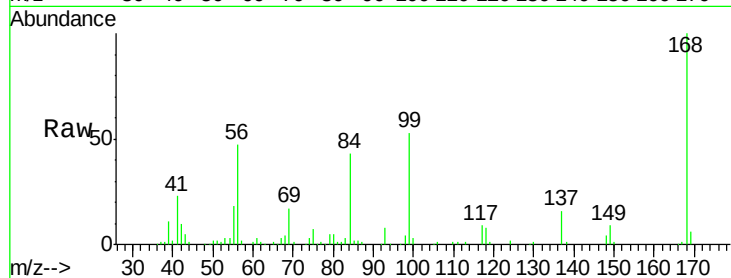
99 53.4 43.0 64.4

Manual Integrations

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12/8/2020 5:04:16 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

80000

60000

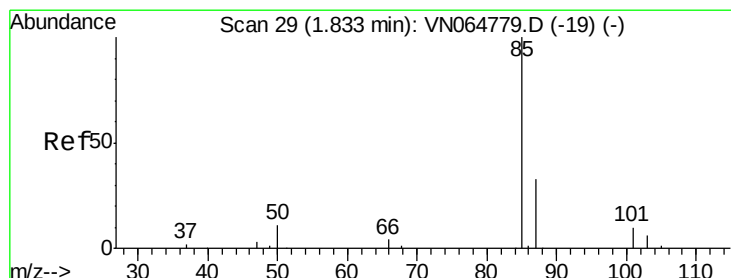
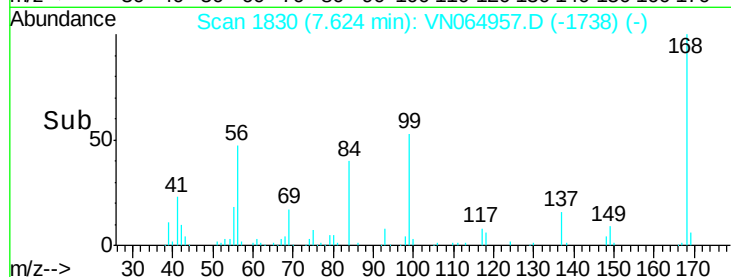
40000

20000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 37.945 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064957.D

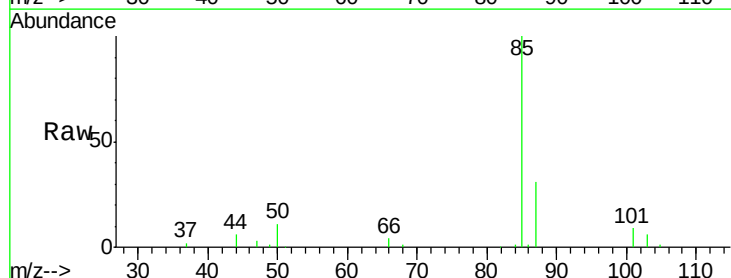
Acq: 7 Dec 2020 20:00

Tgt Ion: 85 Resp: 67450

Ion Ratio Lower Upper

85 100

87 31.2 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

60000

50000

40000

30000

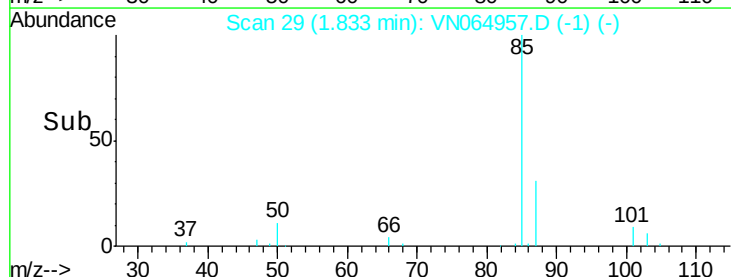
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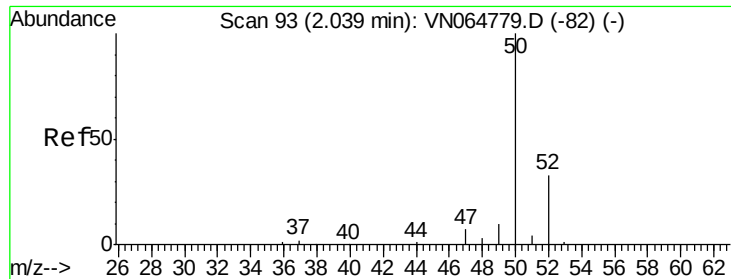
10000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 40.352 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064957.D

Acq: 7 Dec 2020 20:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 93211

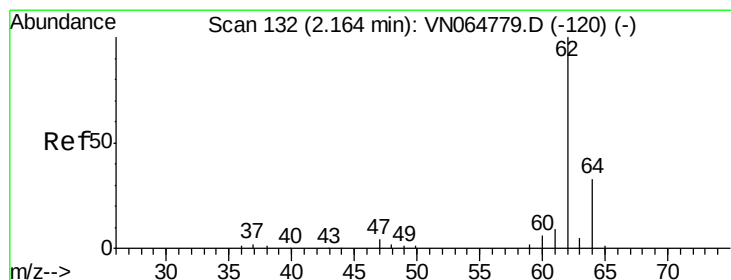
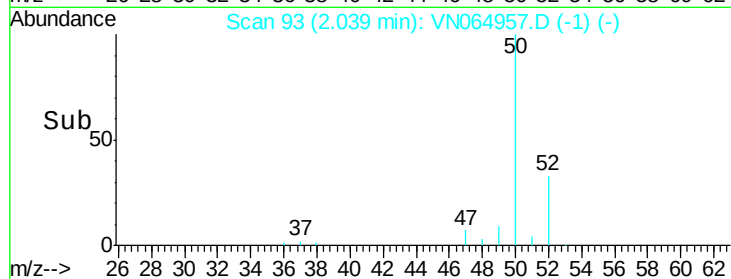
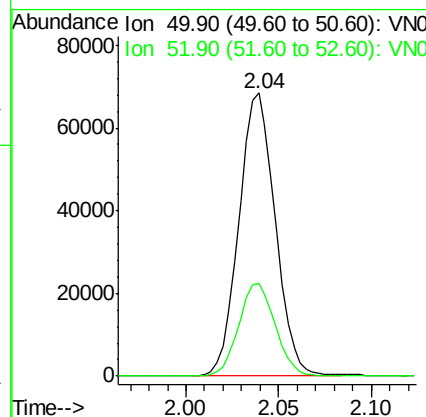
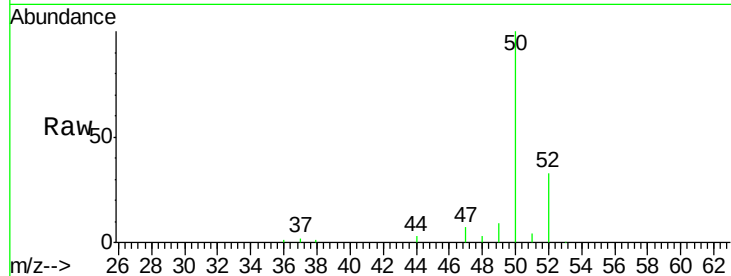
Ion Ratio Lower Upper

50 100

52 32.9 26.6 39.8

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#4

Vinyl Chloride

Concen: 41.148 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064957.D

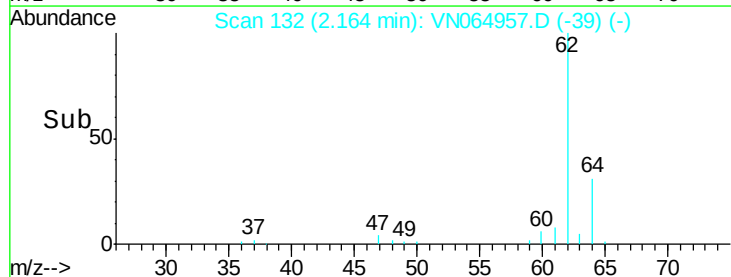
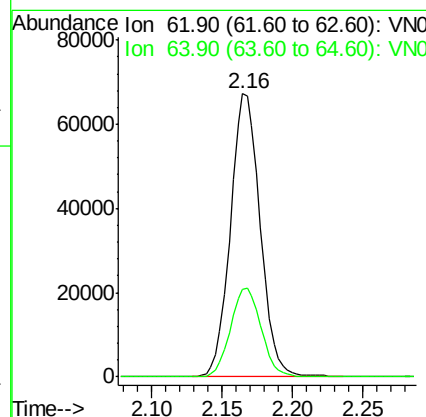
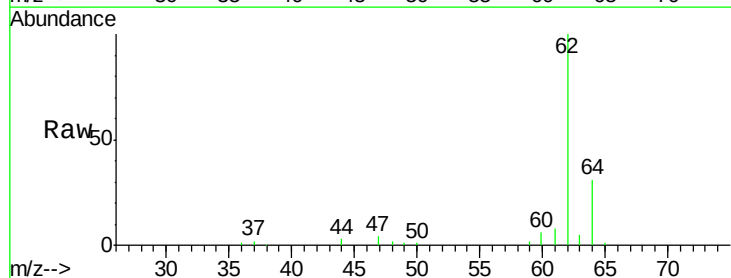
Acq: 7 Dec 2020 20:00

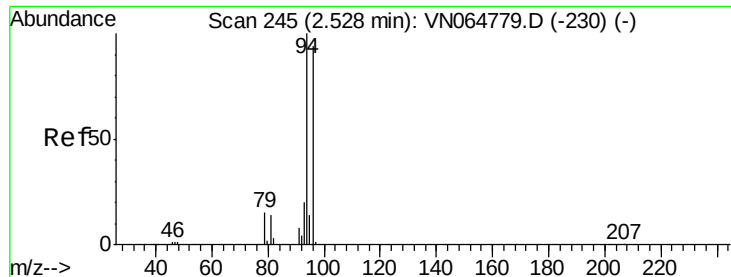
Tgt Ion: 62 Resp: 99097

Ion Ratio Lower Upper

62 100

64 31.1 26.5 39.7





#5

Bromomethane

Concen: 40.108 ug/l

RT: 2.52 min Scan# 244

Delta R.T. -0.00 min

Lab File: VN064957.D

Acq: 7 Dec 2020 20:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 63373

Ion Ratio Lower Upper

94 100

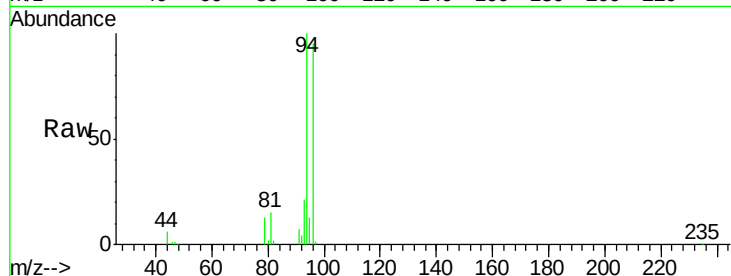
96 94.5 75.4 113.0

Manual Integrations

APPROVED

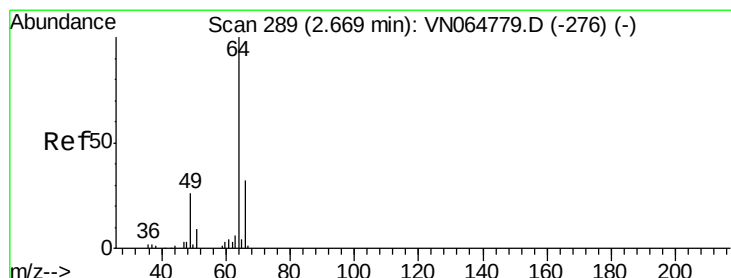
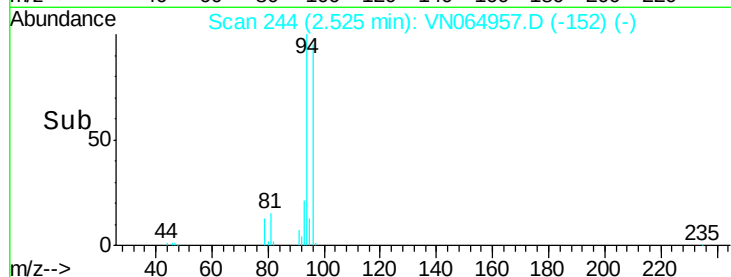
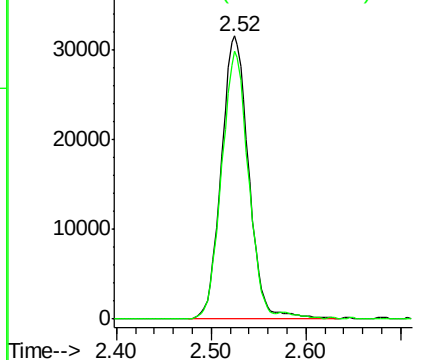
MMDadoda

12/8/2020 5:04:16 PM



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 42.294 ug/l

RT: 2.67 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN064957.D

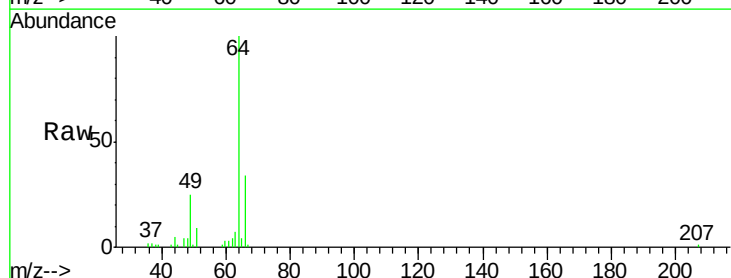
Acq: 7 Dec 2020 20:00

Tgt Ion: 64 Resp: 62999

Ion Ratio Lower Upper

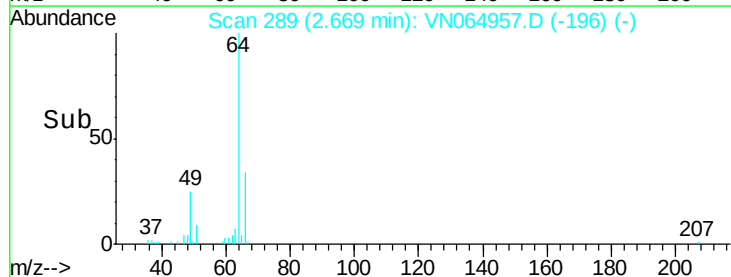
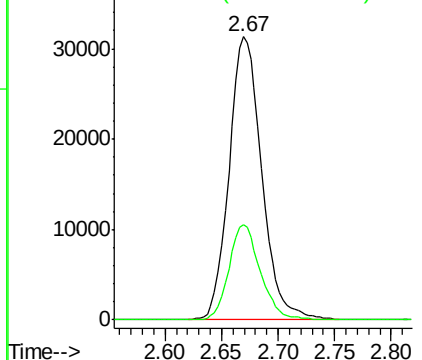
64 100

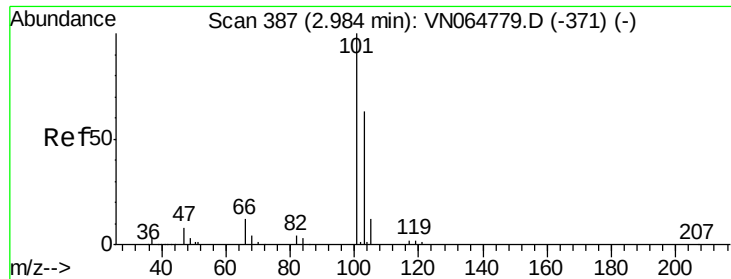
66 33.8 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO





#7

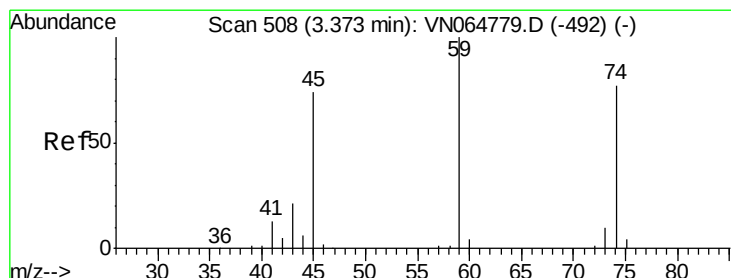
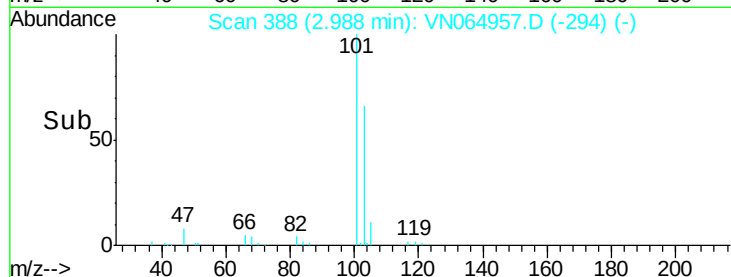
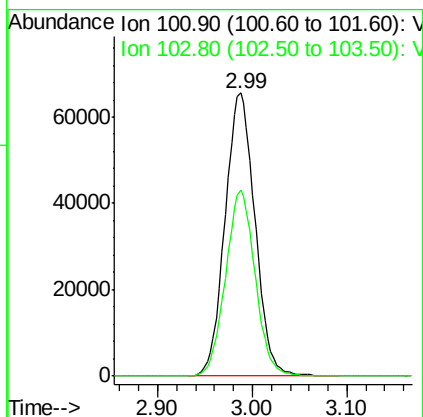
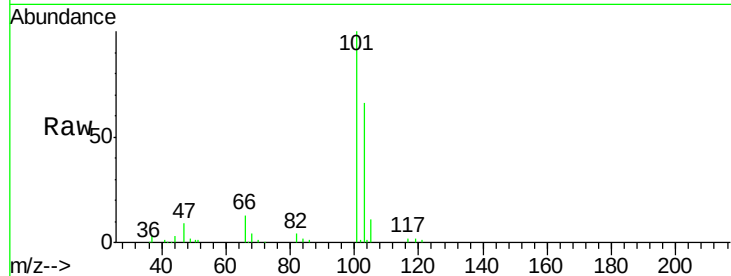
Trichlorofluoromethane
Concen: 43.311 ug/l
RT: 2.99 min Scan# 388
Delta R.T. 0.00 min
Lab File: VN064957.D
Acq: 7 Dec 2020 20:00

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion:101 Resp: 144184
Ion Ratio Lower Upper
101 100
103 65.5 50.5 75.7

Manual Integrations
APPROVED

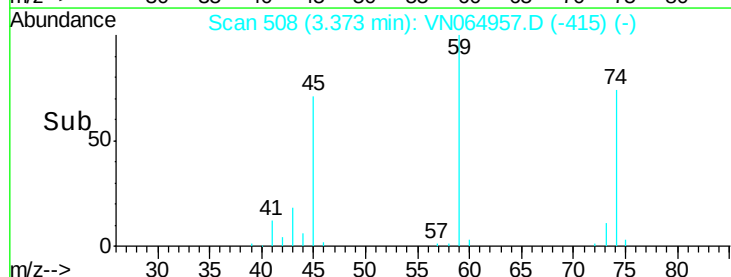
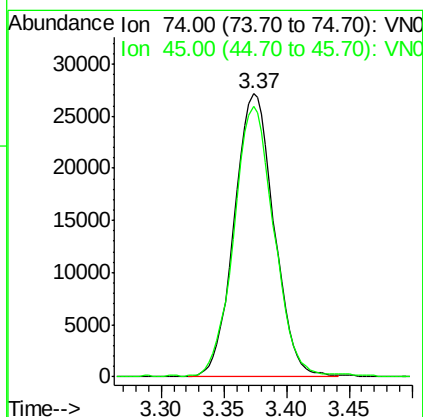
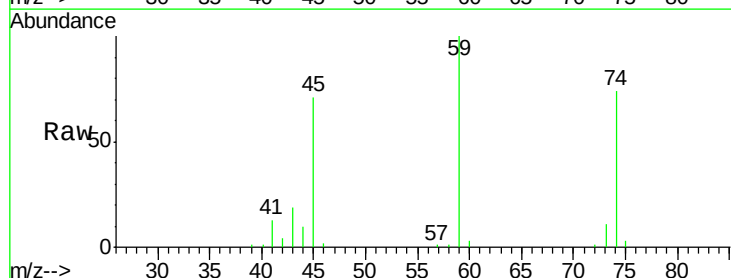
MMDadoda
12/8/2020 5:04:16 PM

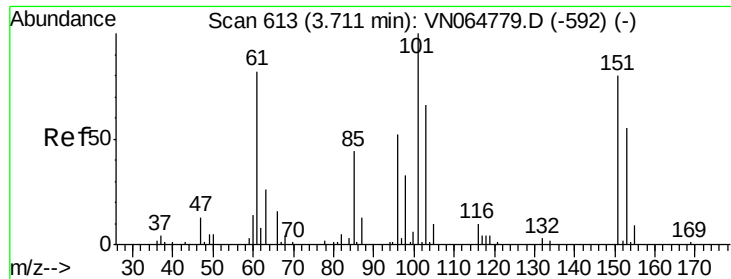


#8

Diethyl Ether
Concen: 45.625 ug/l
RT: 3.37 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN064957.D
Acq: 7 Dec 2020 20:00

Tgt Ion: 74 Resp: 59954
Ion Ratio Lower Upper
74 100
45 96.2 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.314 ug/l

RT: 3.71 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN064957.D

Acq: 7 Dec 2020 20:00

Instrument :

MSVOA_N

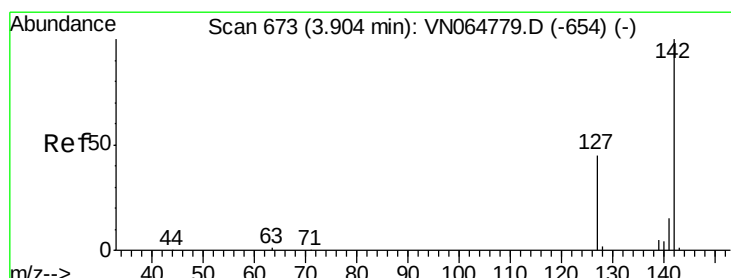
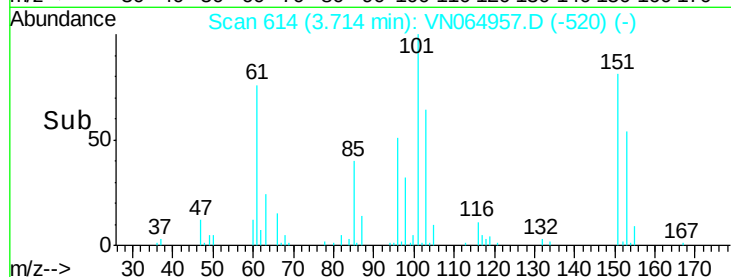
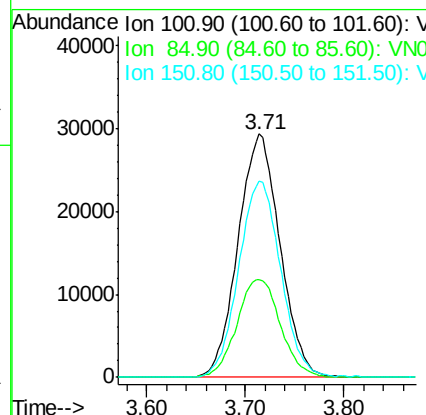
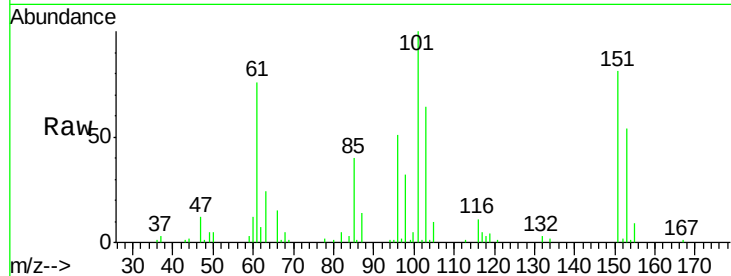
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	86499
Ion Ratio	Lower	Upper	
101	100		
85	41.7	34.4	51.6
151	80.7	64.0	96.0

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#10

Methyl Iodide

Concen: 41.207 ug/l

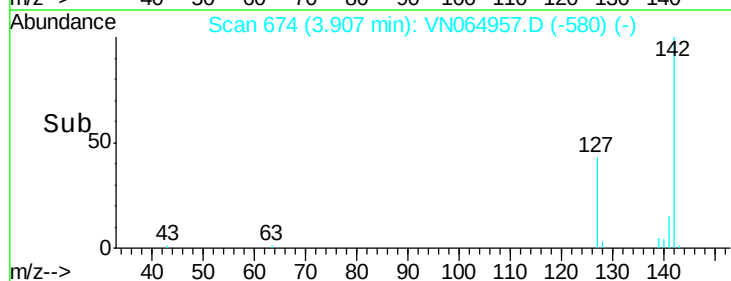
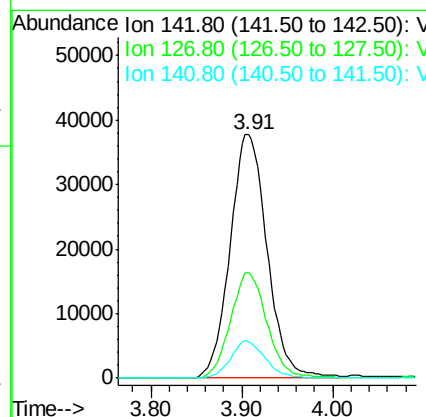
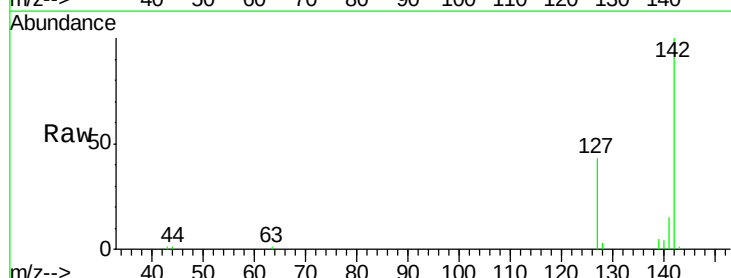
RT: 3.91 min Scan# 674

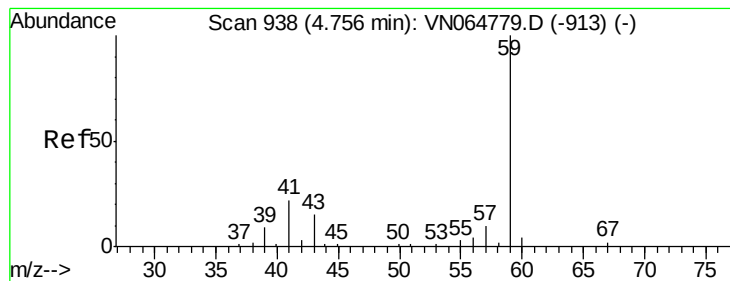
Delta R.T. 0.00 min

Lab File: VN064957.D

Acq: 7 Dec 2020 20:00

Tgt Ion:	142	Resp:	106740
Ion Ratio	Lower	Upper	
142	100		
127	42.4	35.0	52.6
141	14.2	11.8	17.6





#11

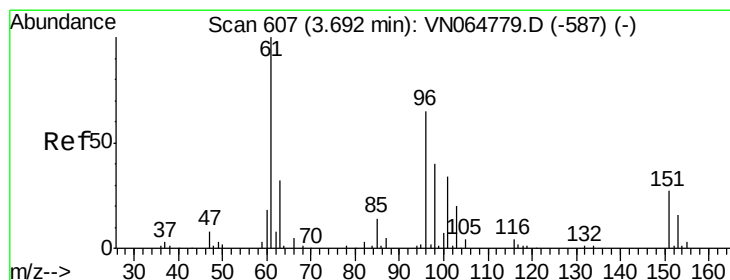
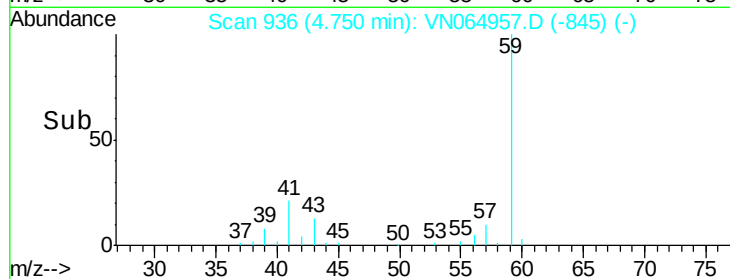
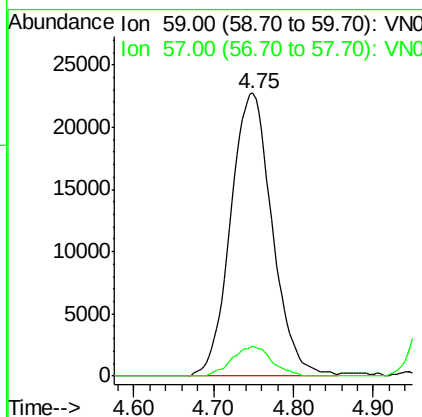
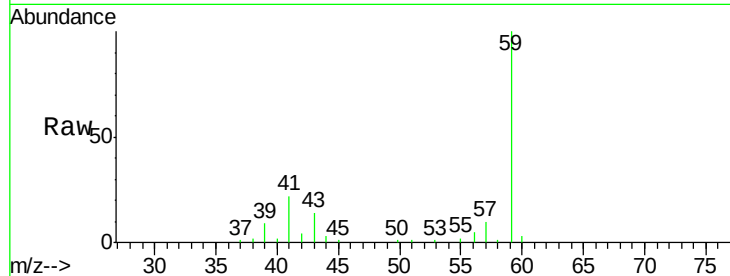
Tert butyl alcohol
 Concen: 216.519 ug/l
 RT: 4.75 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VN064957.D
 Acq: 7 Dec 2020 20:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
59	100			
57	10.0		7.9	11.9

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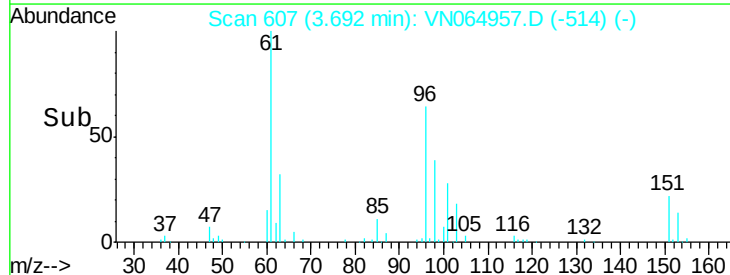
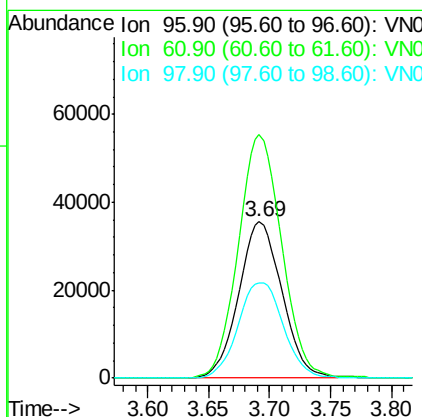
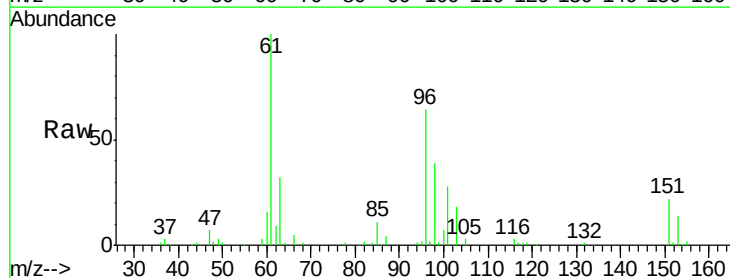
MMDadoda
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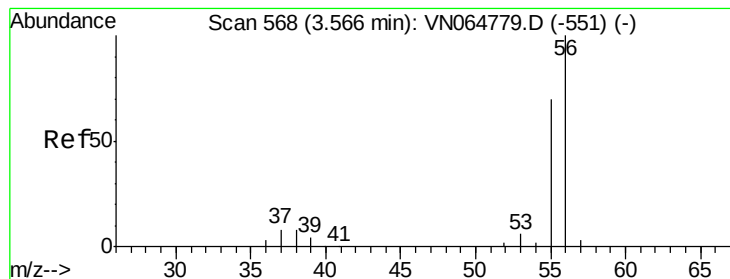


#12

1,1-Dichloroethene
 Concen: 43.918 ug/l
 RT: 3.69 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: VN064957.D
 Acq: 7 Dec 2020 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
96	100			
61	155.9		123.4	185.2
98	61.3		49.8	74.8





#13

Acrolein

Concen: 301.028 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN064957.D

Acq: 7 Dec 2020 20:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 68375

Ion Ratio Lower Upper

56 100

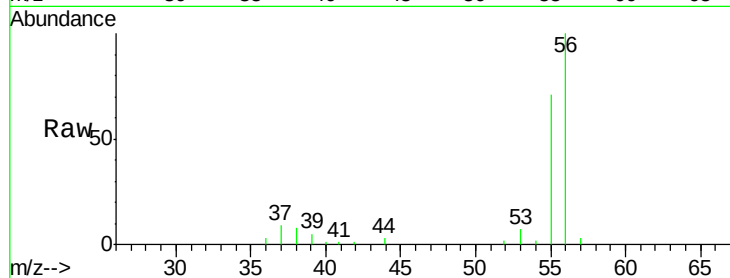
55 71.9 56.5 84.7

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

30000

25000

20000

15000

10000

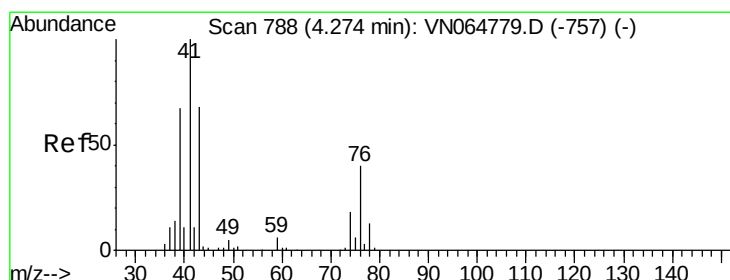
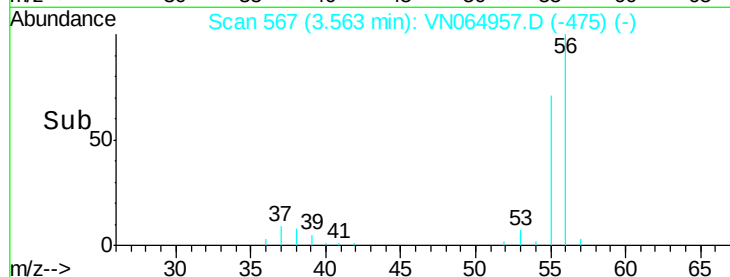
5000

0

Time-->

3.50 3.55 3.60 3.65

3.56



#14

Allyl chloride

Concen: 44.502 ug/l

RT: 4.27 min Scan# 788

Delta R.T. 0.00 min

Lab File: VN064957.D

Acq: 7 Dec 2020 20:00

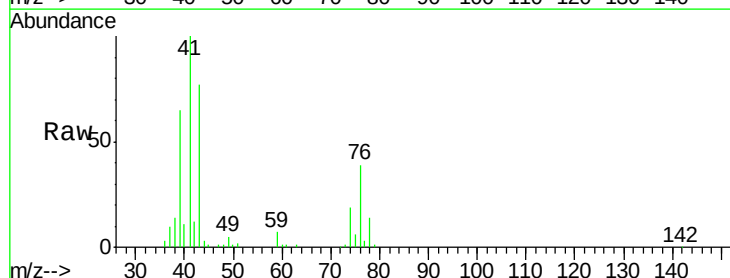
Tgt Ion: 41 Resp: 145981

Ion Ratio Lower Upper

41 100

39 62.4 50.9 76.3

76 36.5 29.0 43.4



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

60000

50000

40000

30000

20000

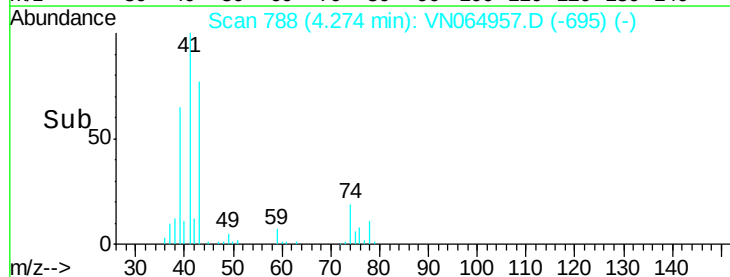
10000

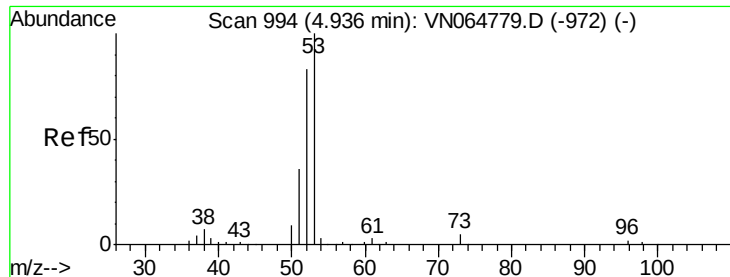
0

Time-->

4.10 4.20 4.30 4.40

4.27





#15

Acrylonitrile

Concen: 233.028 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.01 min

Lab File: VN064957.D

Acq: 7 Dec 2020 20:00

Instrument :

MSVOA_N

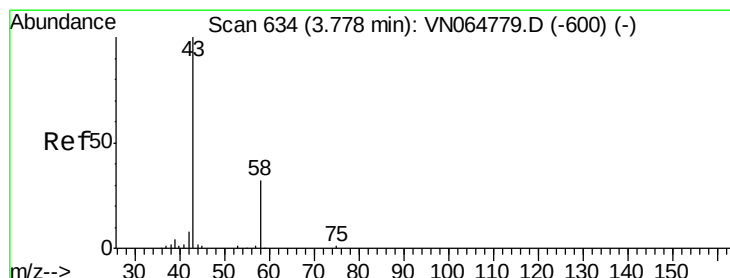
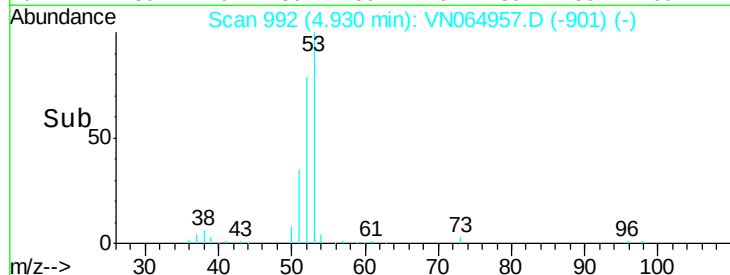
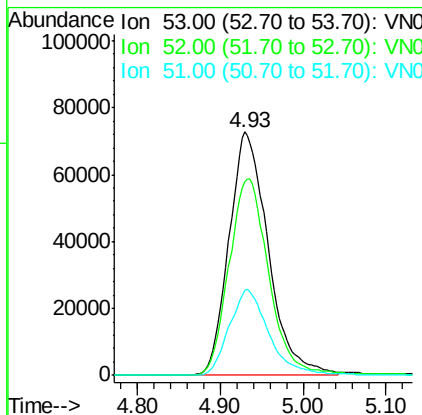
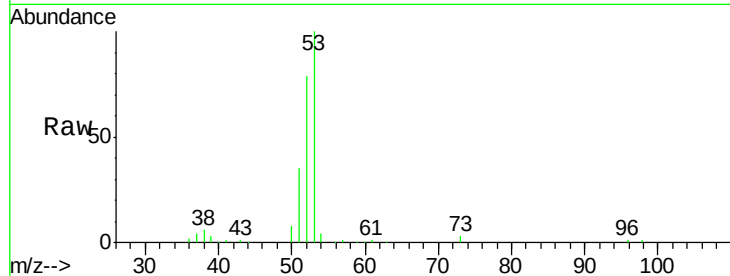
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	239383
Ion	Ratio	Lower	Upper
53	100		
52	81.8	65.5	98.3
51	35.7	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 229.800 ug/l

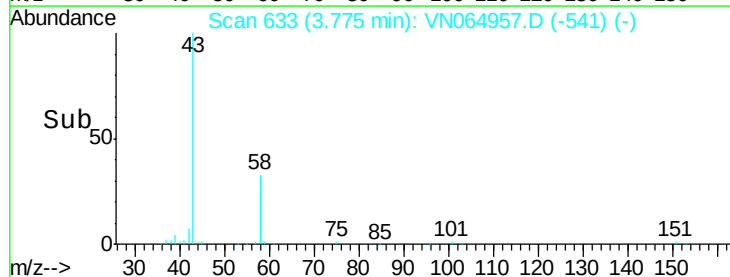
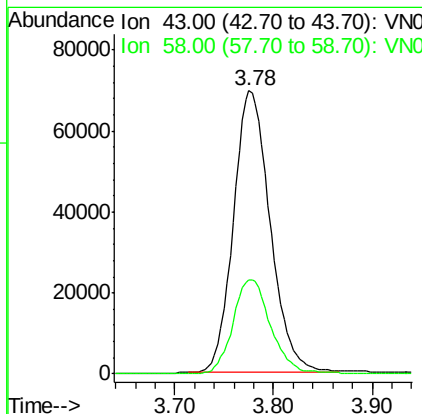
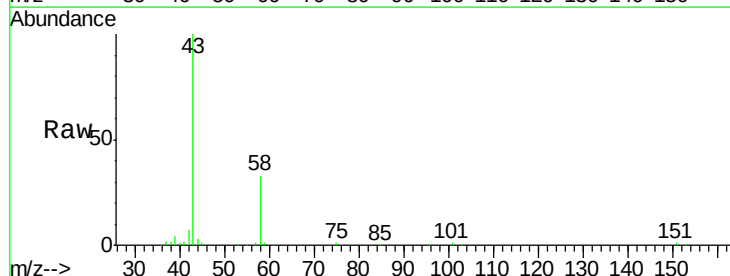
RT: 3.78 min Scan# 633

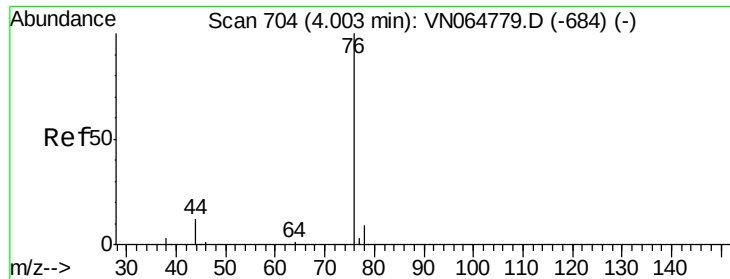
Delta R.T. -0.00 min

Lab File: VN064957.D

Acq: 7 Dec 2020 20:00

Tgt Ion:	43	Resp:	180125
Ion	Ratio	Lower	Upper
43	100		
58	33.3	25.7	38.5





#17

Carbon Disulfide

Concen: 40.909 ug/l

RT: 4.01 min Scan# 705

Delta R.T. 0.00 min

Lab File: VN064957.D

Acq: 7 Dec 2020 20:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 210072

Ion Ratio Lower Upper

76 100

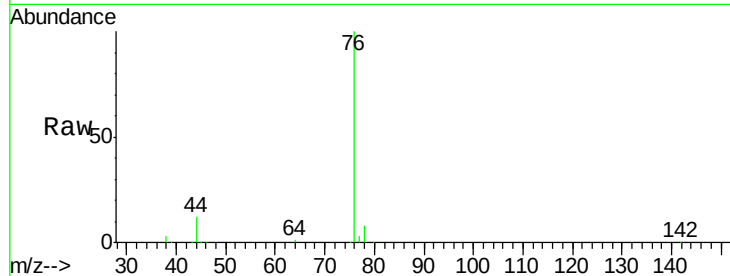
78 8.4 7.4 11.0

Manual Integrations

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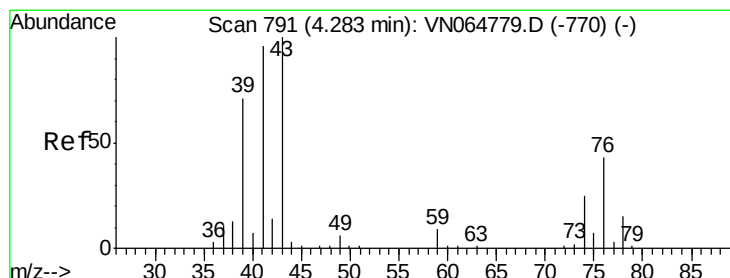
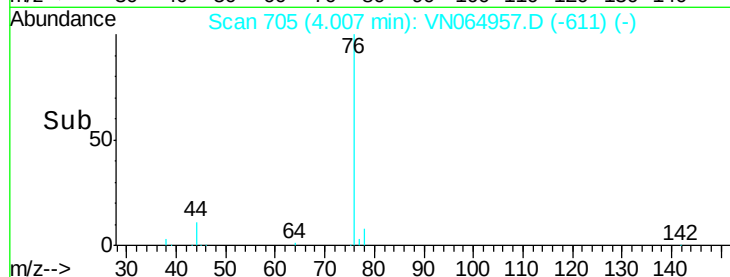
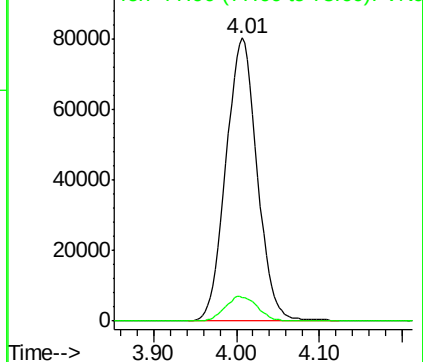
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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 48.540 ug/l

RT: 4.28 min Scan# 790

Delta R.T. -0.00 min

Lab File: VN064957.D

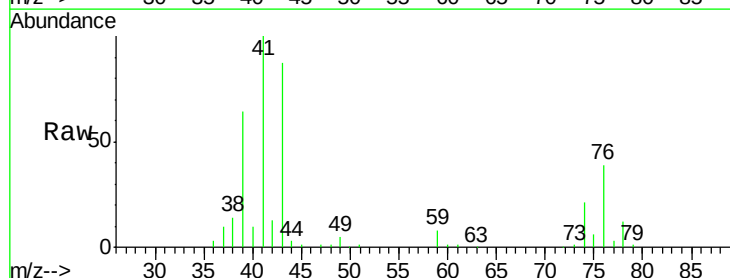
Acq: 7 Dec 2020 20:00

Tgt Ion: 43 Resp: 114391

Ion Ratio Lower Upper

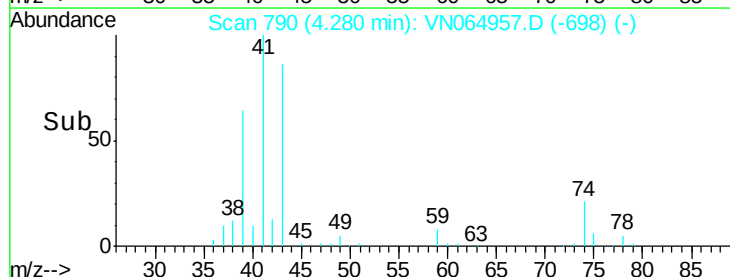
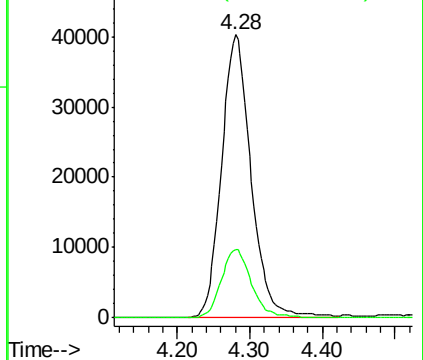
43 100

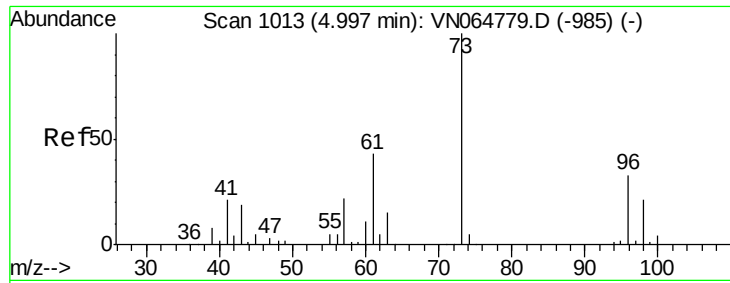
74 24.6 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





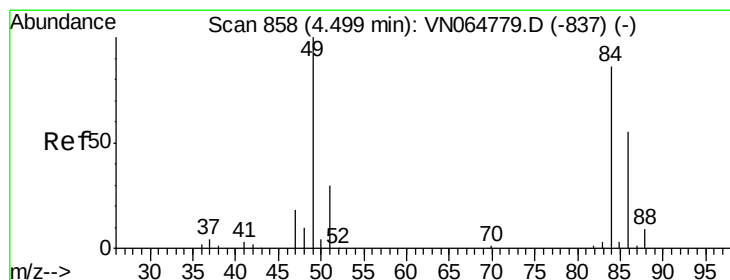
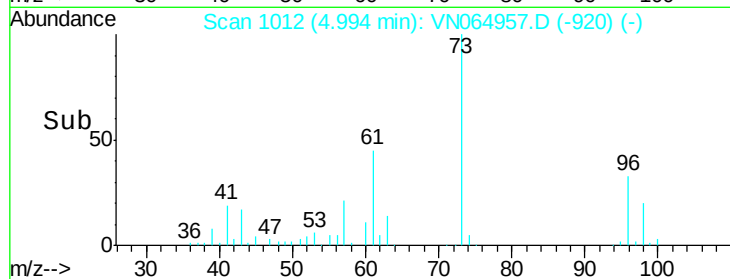
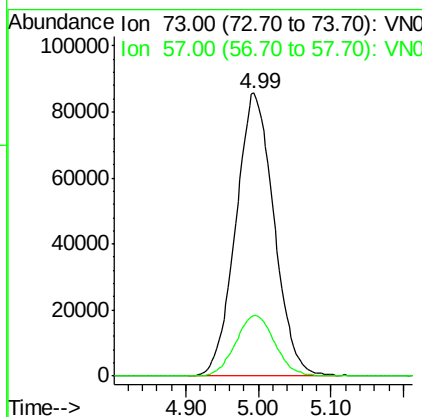
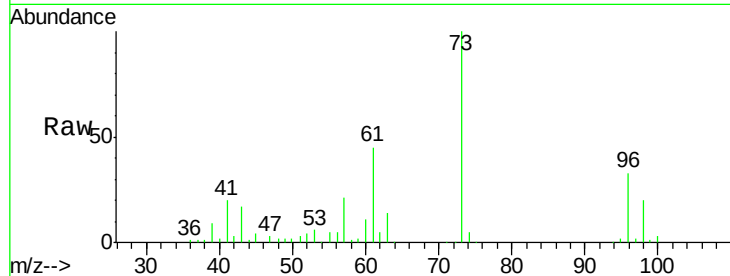
#19
Methyl tert-butyl Ether
Concen: 49.226 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VN064957.D
Acq: 7 Dec 2020 20:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 314001
Ion Ratio Lower Upper
73 100
57 21.4 17.4 26.0

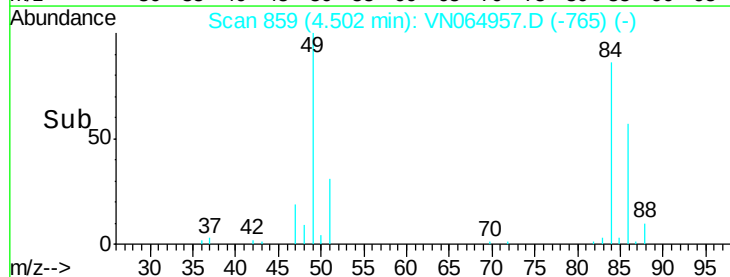
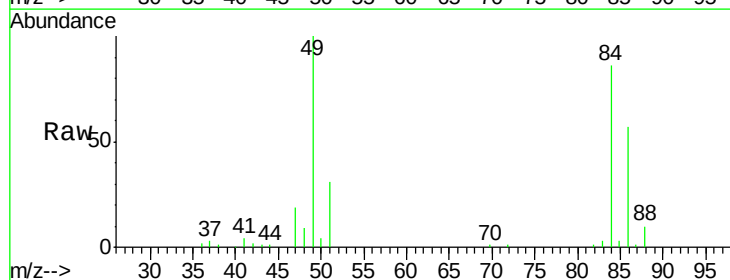
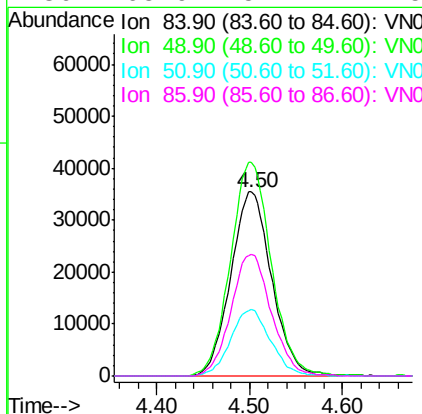
Manual Integrations
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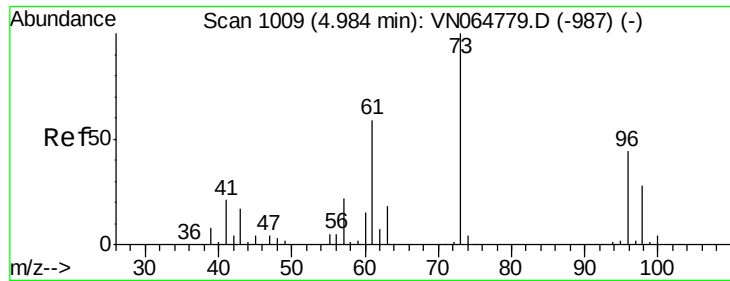
MMDadoda
12/8/2020 5:04:16 PM



#20
Methylene Chloride
Concen: 44.184 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN064957.D
Acq: 7 Dec 2020 20:00

Tgt Ion: 84 Resp: 108524
Ion Ratio Lower Upper
84 100
49 116.0 93.4 140.0
51 36.5 28.2 42.4
86 65.9 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 43.801 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VN064957.D

Acq: 7 Dec 2020 20:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 96740

Ion Ratio Lower Upper

96 100

61 138.3 108.4 162.6

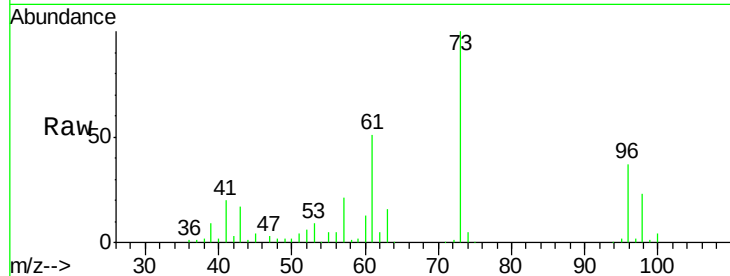
98 64.0 51.3 76.9

Manual Integrations

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MMDadoda

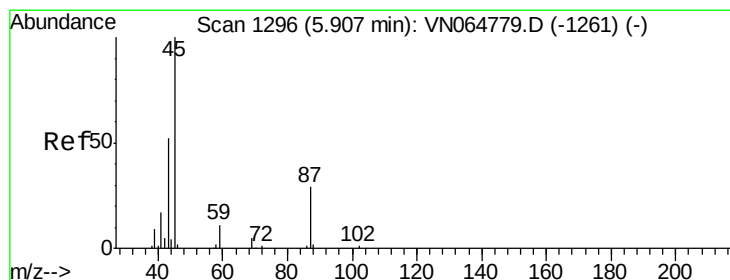
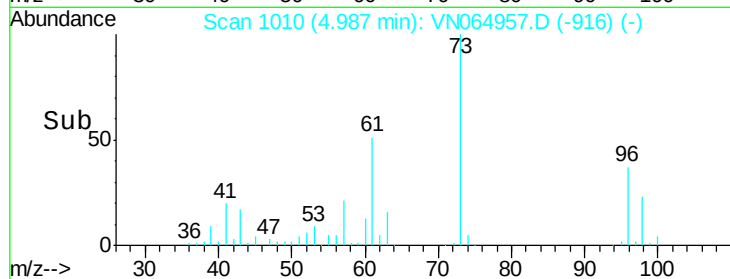
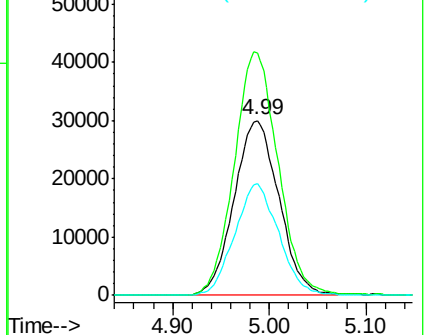
12/8/2020 5:04:16 PM



Abundance Ion 95.90 (95.60 to 96.60): VN064957.D (-916) (-)

Ion 60.90 (60.60 to 61.60): VN064957.D (-916) (-)

Ion 97.90 (97.60 to 98.60): VN064957.D (-916) (-)



#22

Diisopropyl ether

Concen: 49.211 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VN064957.D

Acq: 7 Dec 2020 20:00

Tgt Ion: 45 Resp: 323114

Ion Ratio Lower Upper

45 100

43 59.1 46.2 69.2

87 30.5 24.1 36.1

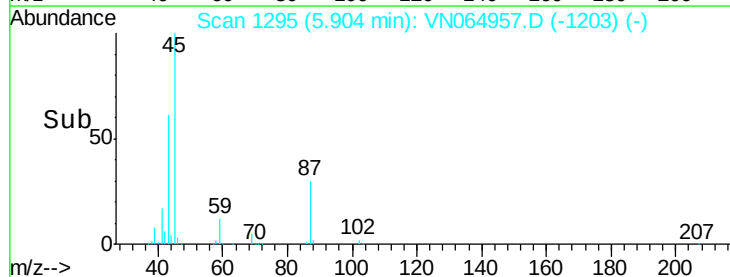
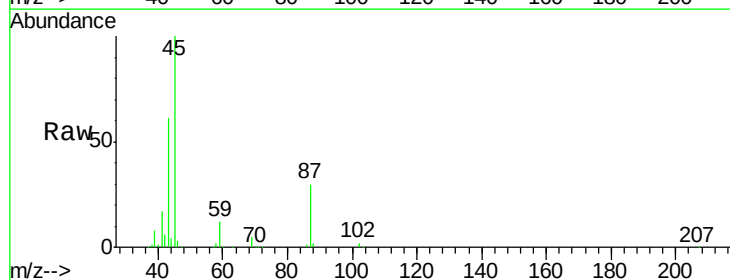
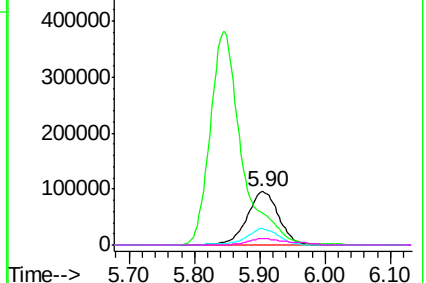
59 12.0 9.0 13.4

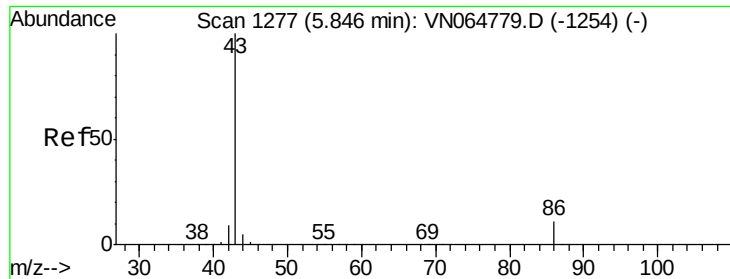
Abundance Ion 45.00 (44.70 to 45.70): VN064957.D (-1203) (-)

Ion 43.00 (42.70 to 43.70): VN064957.D (-1203) (-)

Ion 87.00 (86.70 to 87.70): VN064957.D (-1203) (-)

Ion 59.00 (58.70 to 59.70): VN064957.D (-1203) (-)





#23

Vinyl Acetate

Concen: 243.585 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN064957.D

Acq: 7 Dec 2020 20:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1278955

Ion Ratio Lower Upper

43 100

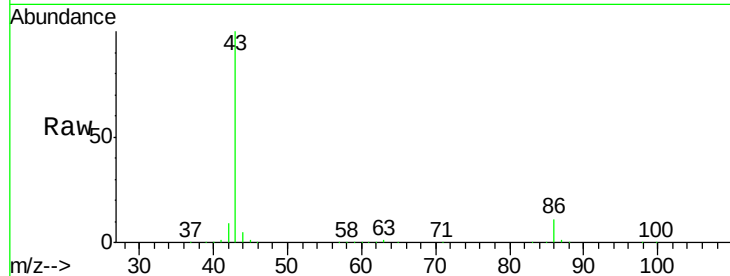
86 10.8 8.9 13.3

Manual Integrations

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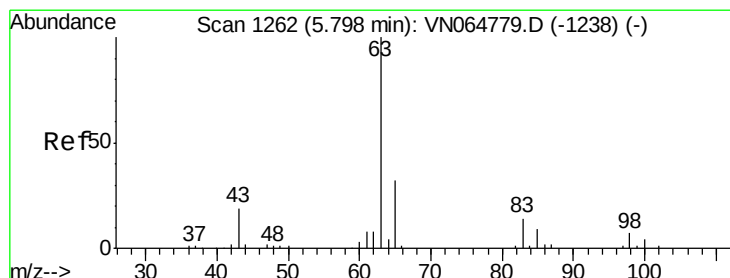
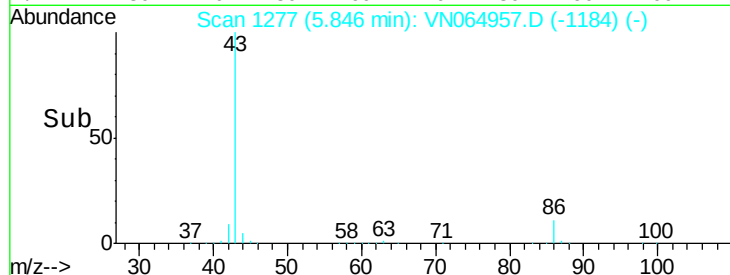
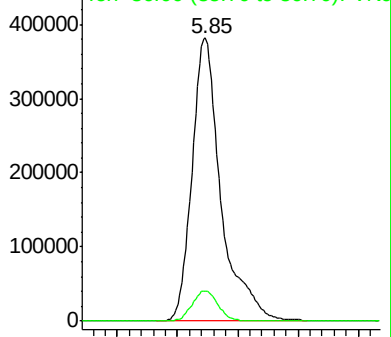
MMDadoda

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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: 47.750 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN064957.D

Acq: 7 Dec 2020 20:00

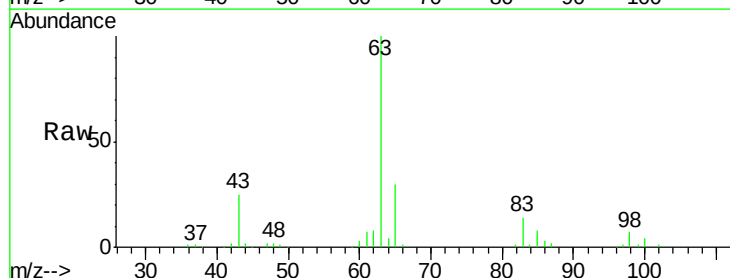
Tgt Ion: 63 Resp: 187368

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.5

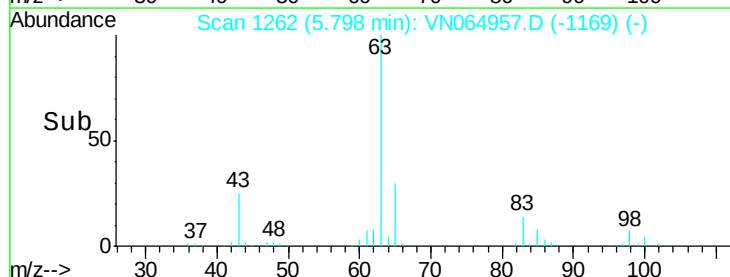
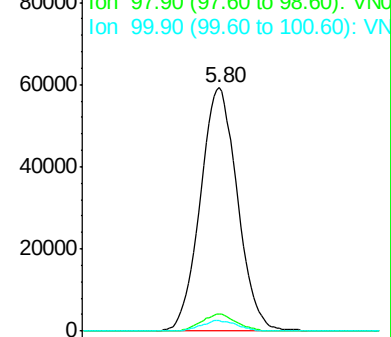
100 4.5 2.3 6.8

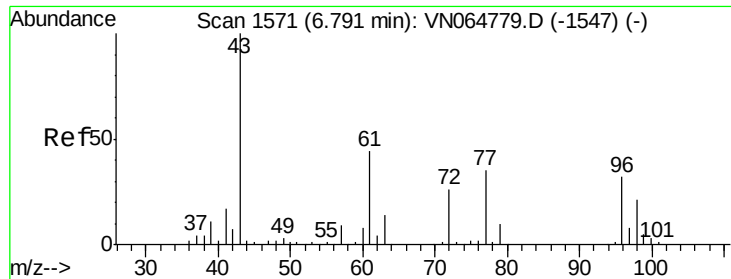


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 231.908 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN064957.D

Acq: 7 Dec 2020 20:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 294670

Ion Ratio Lower Upper

43 100

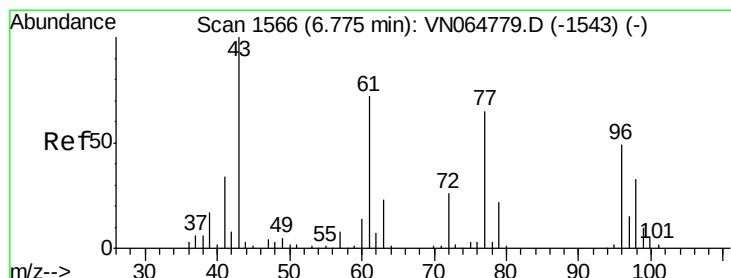
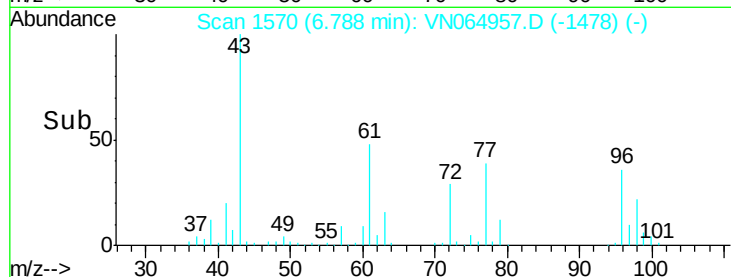
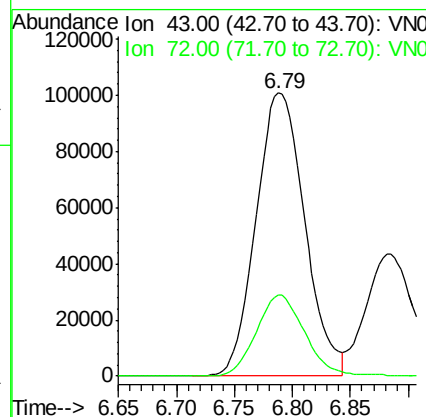
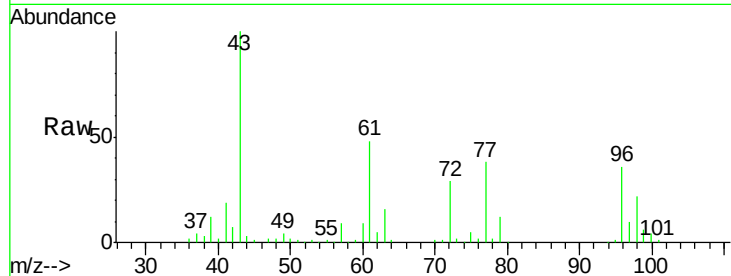
72 28.7 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 43.471 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN064957.D

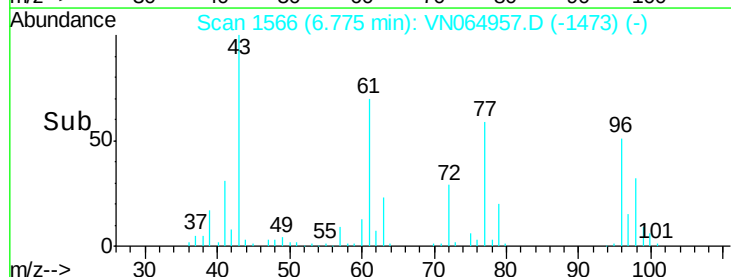
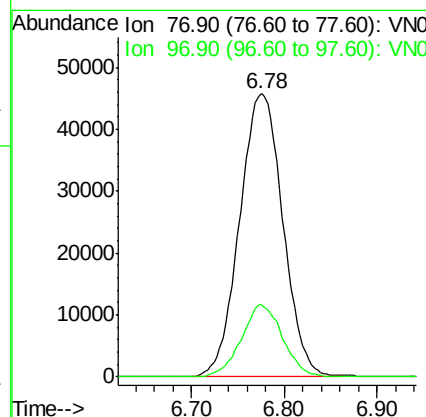
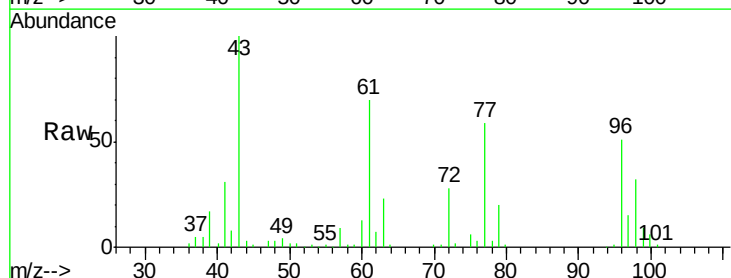
Acq: 7 Dec 2020 20:00

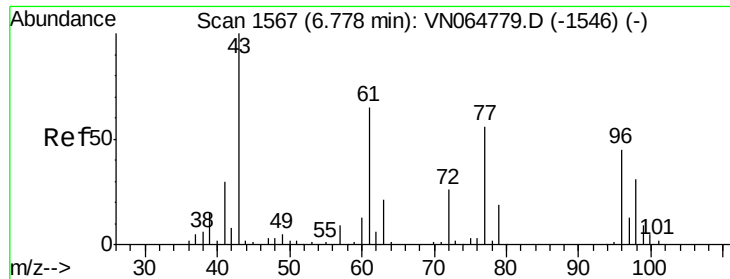
Tgt Ion: 77 Resp: 147945

Ion Ratio Lower Upper

77 100

97 24.2 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 47.095 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064957.D

Acq: 7 Dec 2020 20:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 117046

Ion Ratio Lower Upper

96 100

61 139.1 0.0 285.8

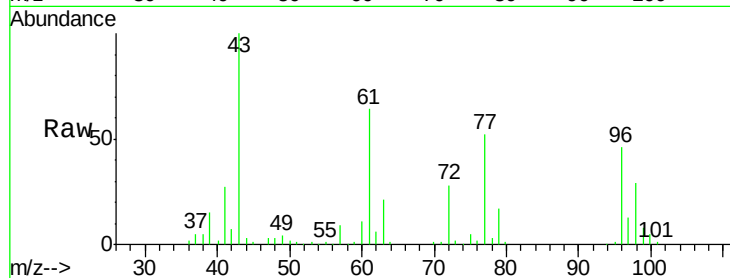
98 62.8 0.0 130.6

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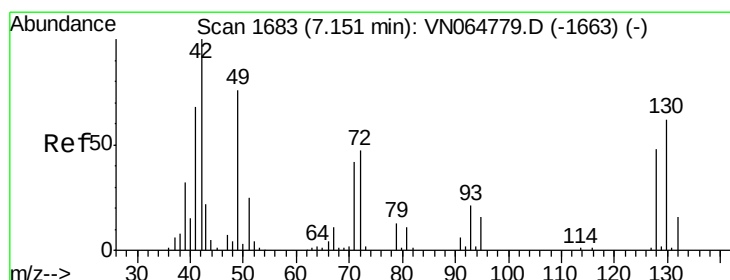
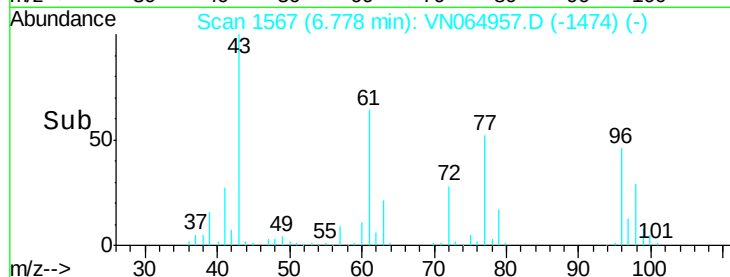
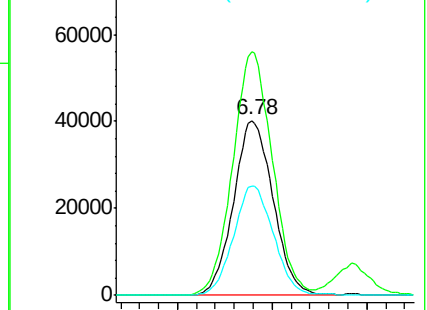
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Abundance Ion 95.90 (95.60 to 96.60): VN064957.D (-1474) (-)

Ion 60.90 (60.60 to 61.60): VN064957.D (-1474) (-)

Ion 97.90 (97.60 to 98.60): VN064957.D (-1474) (-)



#28

Bromochloromethane

Concen: 45.603 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN064957.D

Acq: 7 Dec 2020 20:00

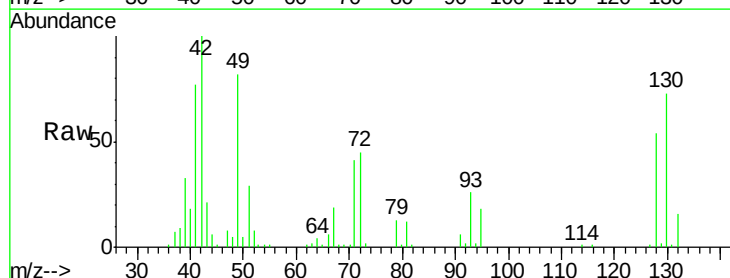
Tgt Ion: 49 Resp: 81863

Ion Ratio Lower Upper

49 100

129 0.9 0.0 3.8

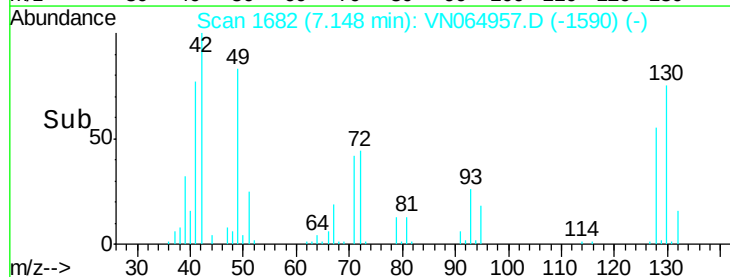
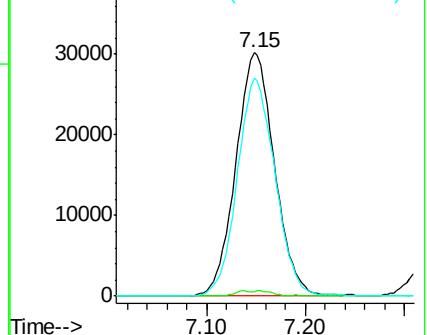
130 87.7 66.2 99.2

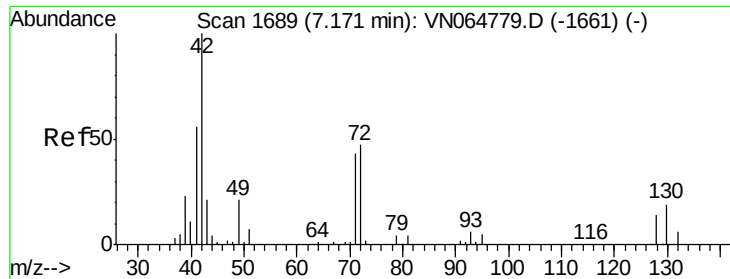


Abundance Ion 48.90 (48.60 to 49.60): VN064957.D (-1590) (-)

Ion 128.80 (128.50 to 129.50): VN064957.D (-1590) (-)

Ion 129.80 (129.50 to 130.50): VN064957.D (-1590) (-)





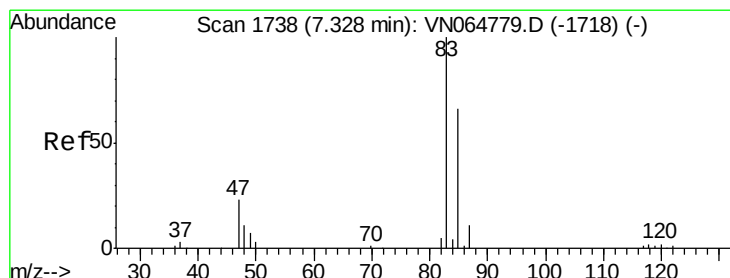
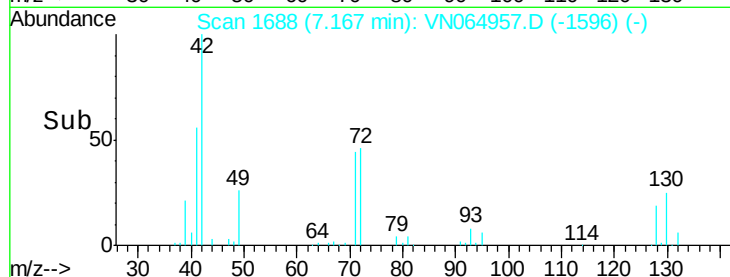
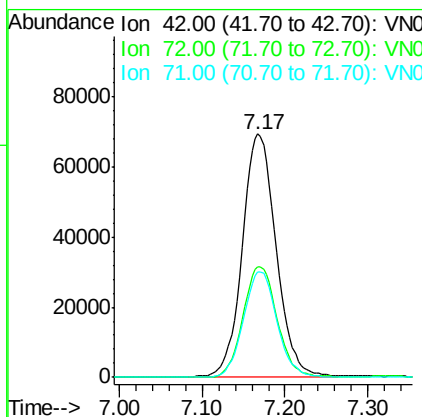
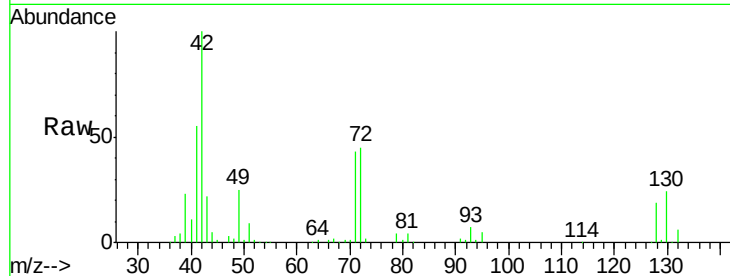
#29
Tetrahydrofuran
Concen: 224.855 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VN064957.D
Acq: 7 Dec 2020 20:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.9	36.6	54.8
71	42.9	33.6	50.4

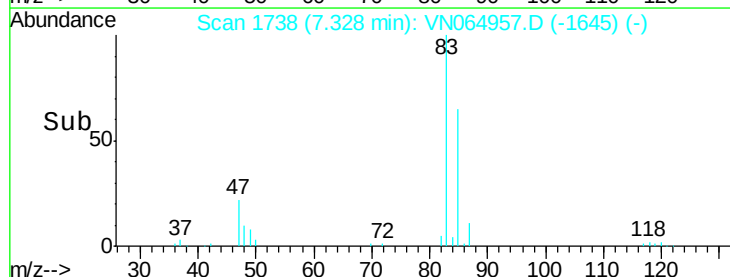
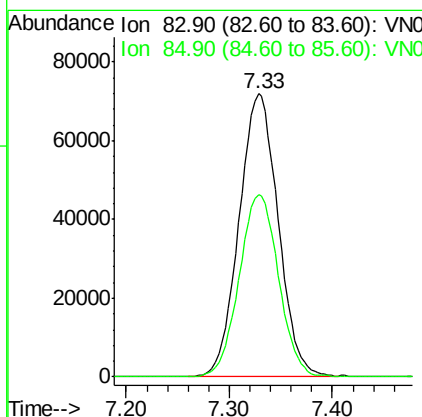
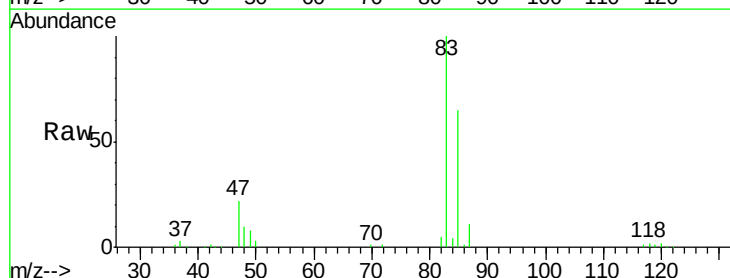
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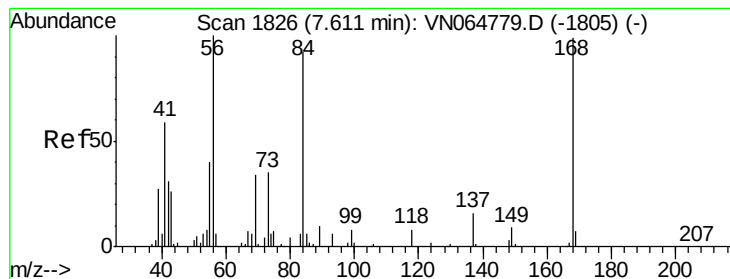
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#30
Chloroform
Concen: 46.894 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064957.D
Acq: 7 Dec 2020 20:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	52.6	78.8





#31

Cyclohexane

Concen: 41.010 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN064957.D

Acq: 7 Dec 2020 20:00

Instrument :

MSVOA_N

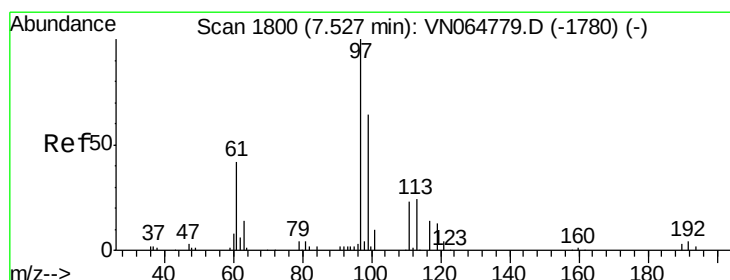
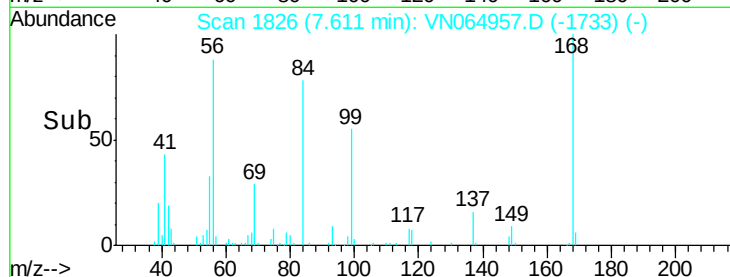
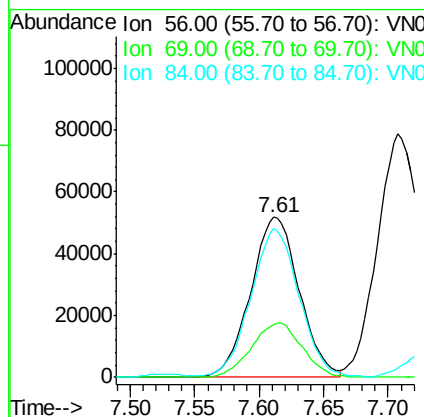
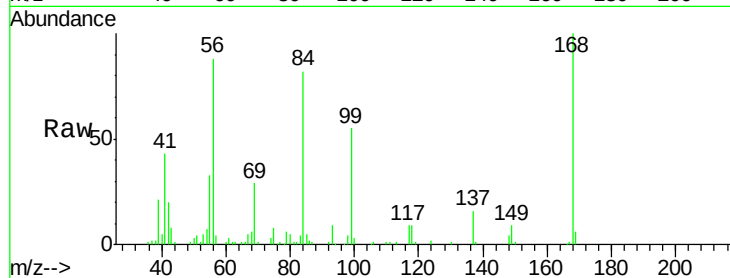
ClientSampled :

VSTDCCC050EC

Tot Ion:	56	Resp:	136291
Ion Ratio	Lower	Upper	
56	100		
69	33.1	27.5	41.3
84	92.1	73.9	110.9

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#32

1,1,1-Trichloroethane

Concen: 46.681 ug/l

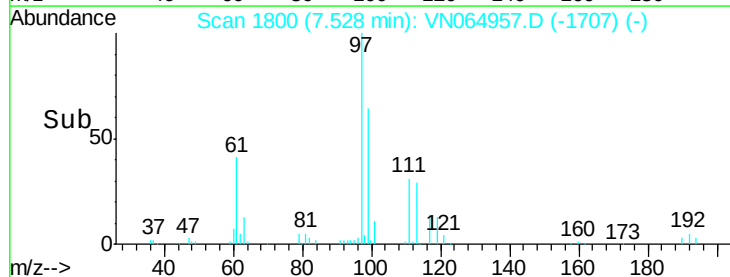
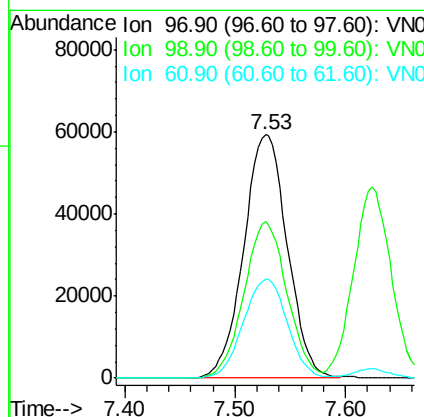
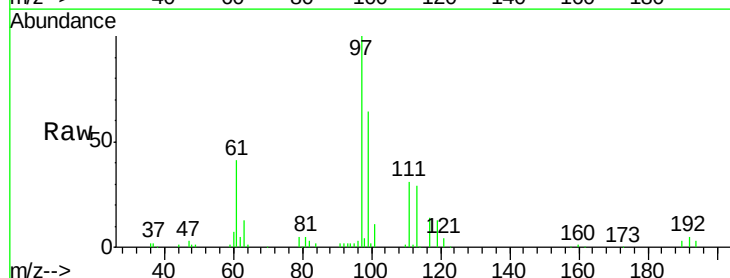
RT: 7.53 min Scan# 1800

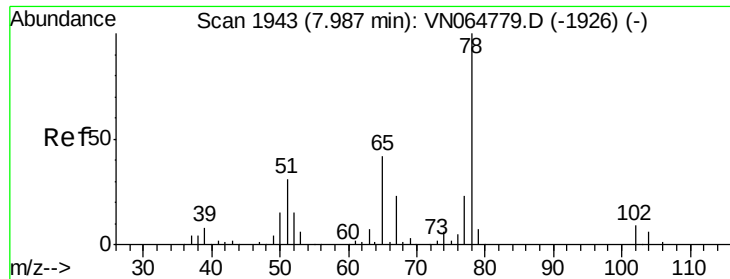
Delta R.T. 0.00 min

Lab File: VN064957.D

Acq: 7 Dec 2020 20:00

Tgt Ion:	97	Resp:	162240
Ion Ratio	Lower	Upper	
97	100		
99	63.5	51.7	77.5
61	41.0	33.9	50.9





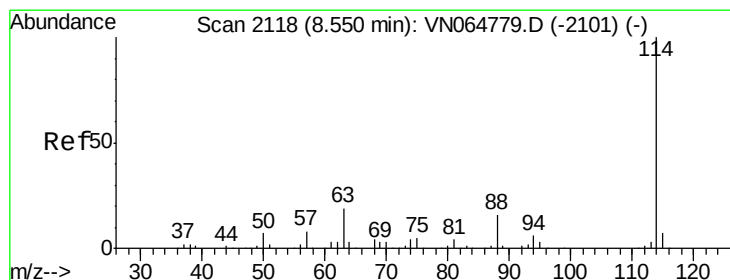
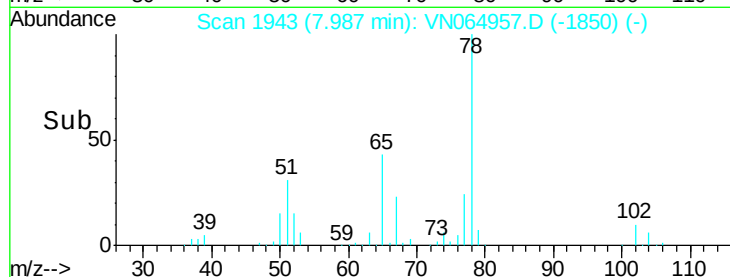
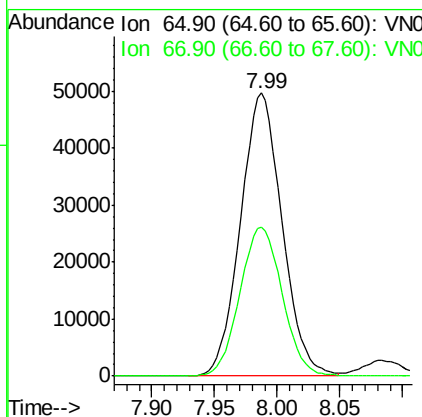
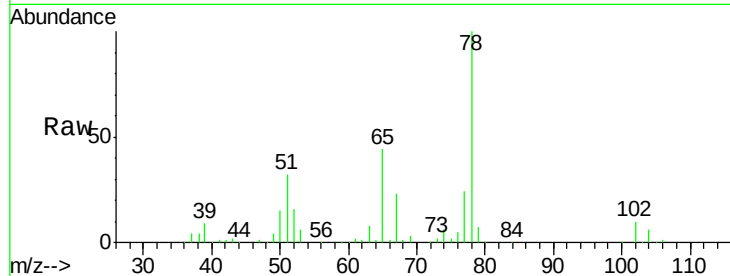
#33
 1,2-Dichloroethane-d4
 Concen: 48.165 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064957.D
 Acq: 7 Dec 2020 20:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.5	0.0	108.2	

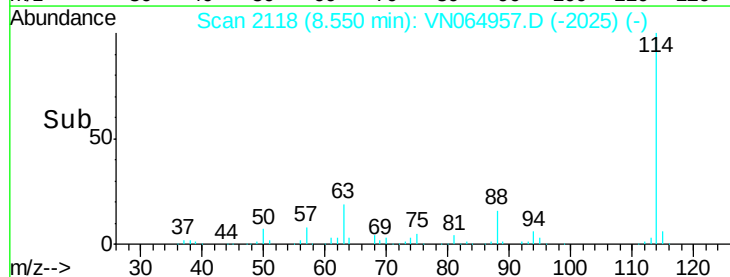
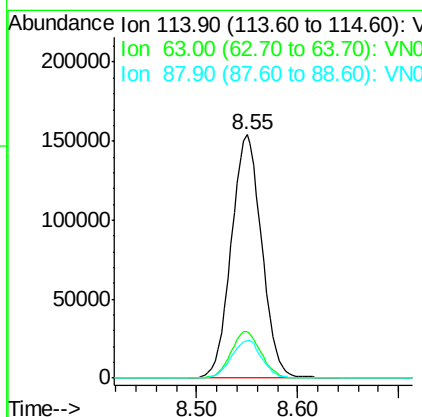
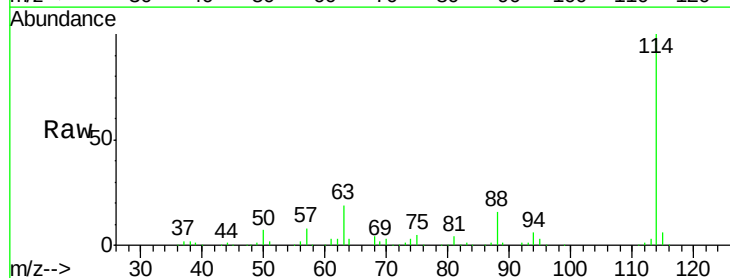
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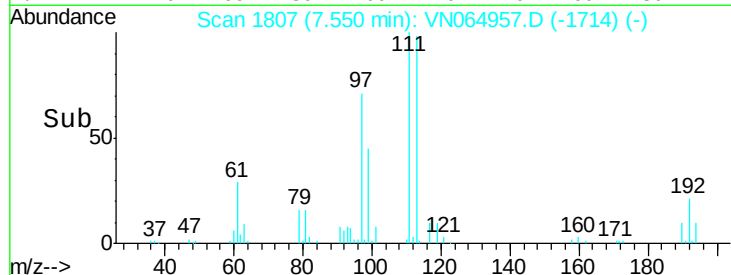
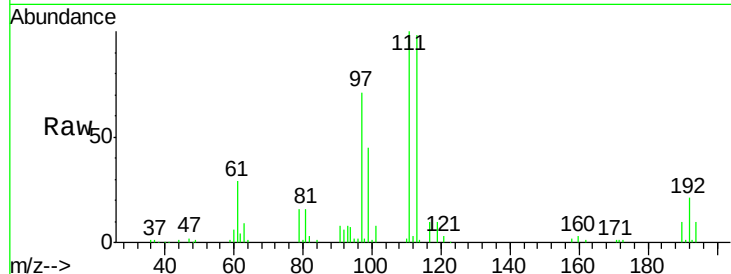
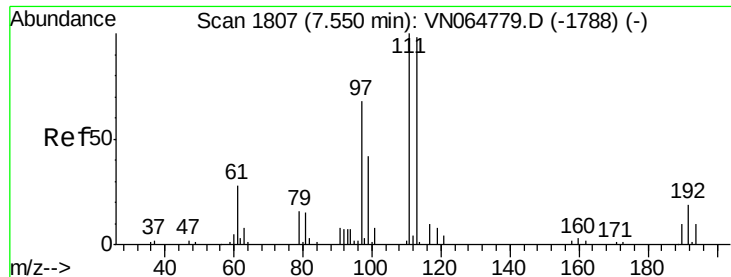
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064957.D
 Acq: 7 Dec 2020 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.0	0.0	38.6	
88	15.6	0.0	32.6	





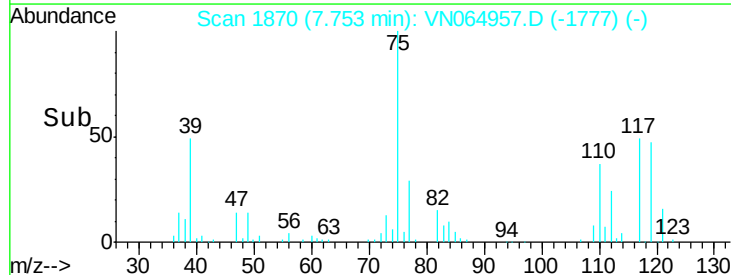
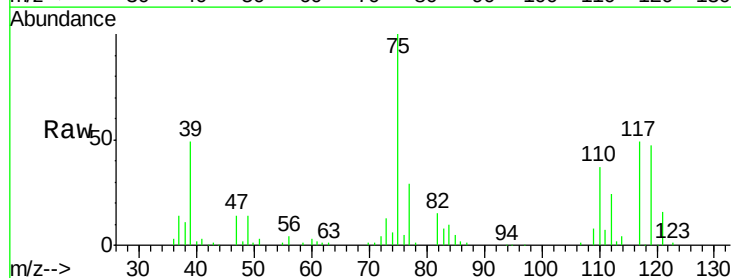
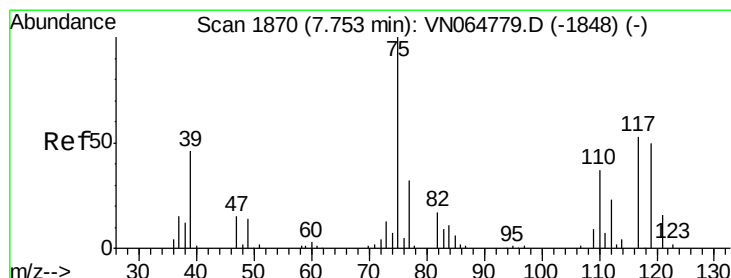
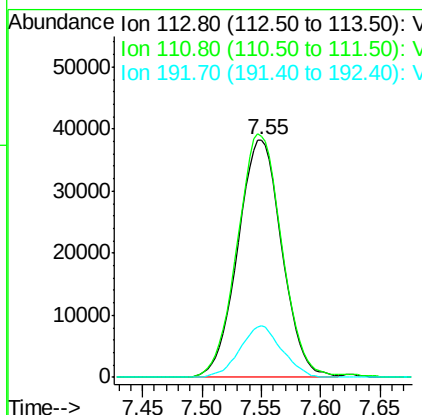
#35
Dibromofluoromethane
Concen: 50.819 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064957.D
Acq: 7 Dec 2020 20:00

Tot Ion	Ratio	Resp	Lower	Upper
113	100	98135		
111	103.4	81.6	122.4	
192	20.6	16.2	24.2	

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

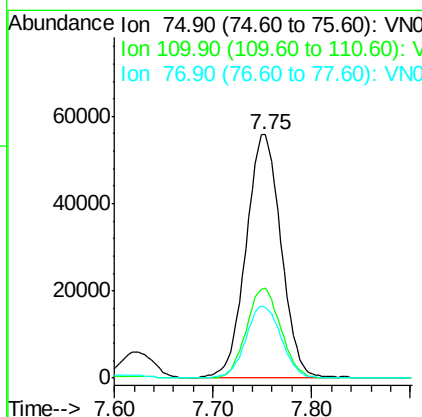
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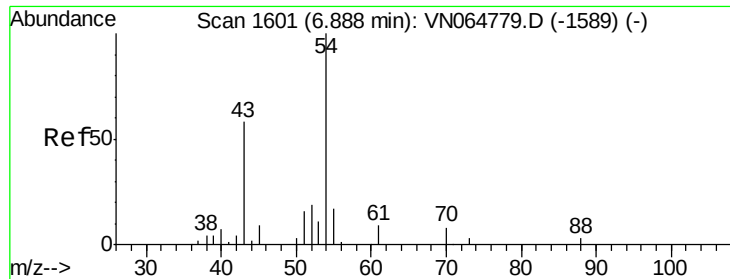
MMDadoda
12/8/2020 5:04:16 PM



#36
1,1-Dichloropropene
Concen: 45.791 ug/l
RT: 7.75 min Scan# 1870
Delta R.T. 0.00 min
Lab File: VN064957.D
Acq: 7 Dec 2020 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	136974		
110	36.2	17.8	53.3	
77	29.8	25.0	37.4	





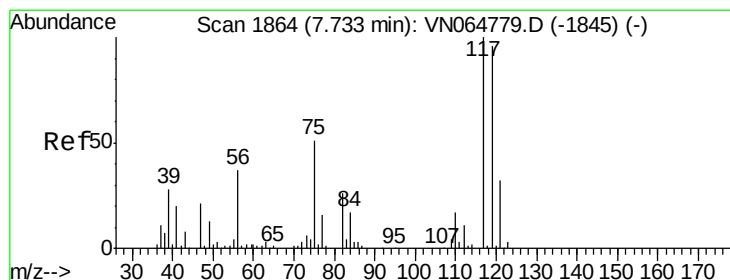
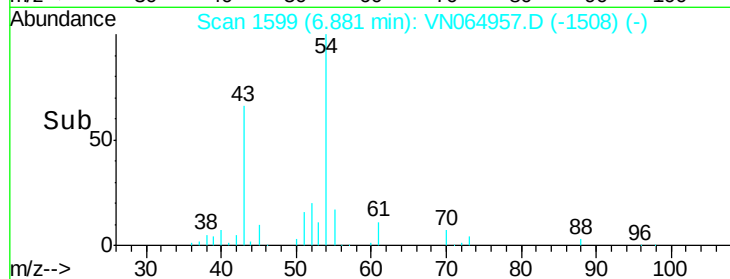
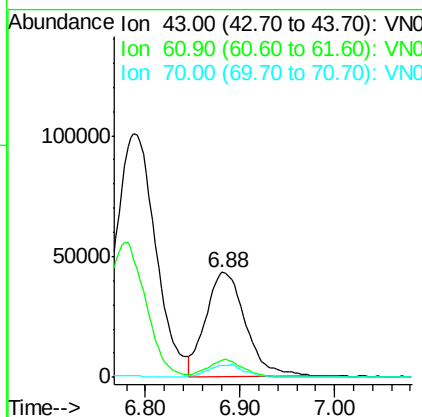
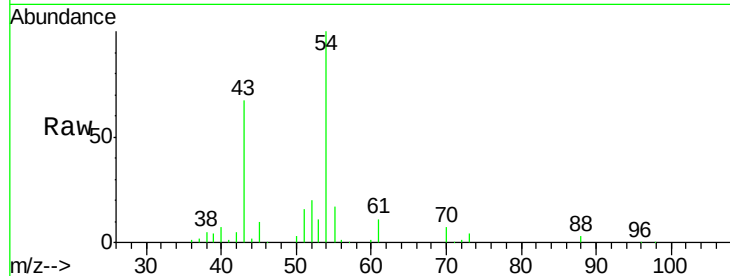
#37
Ethyl Acetate
Concen: 43.986 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VN064957.D
Acq: 7 Dec 2020 20:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.5	12.8	19.2
70	11.0	8.8	13.2

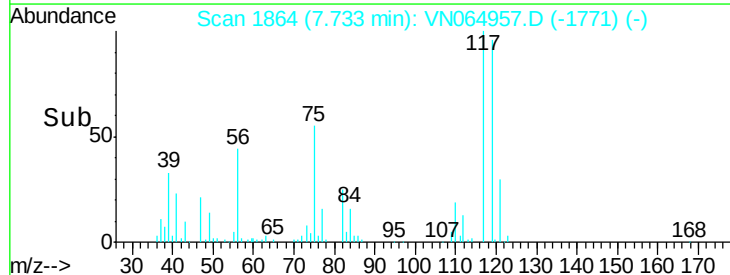
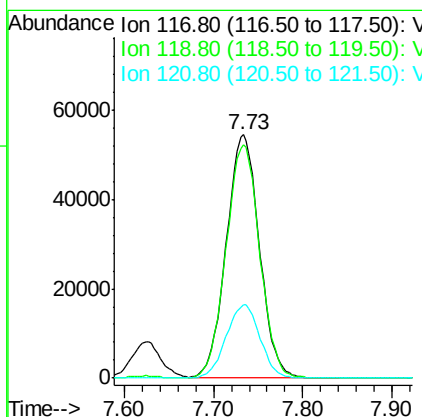
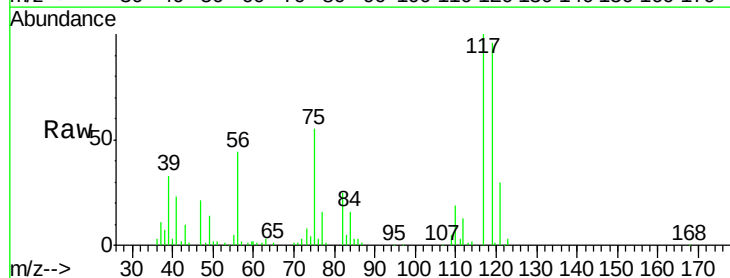
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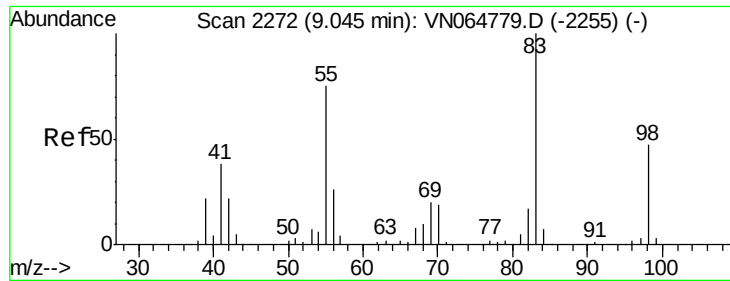
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#38
Carbon Tetrachloride
Concen: 45.057 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064957.D
Acq: 7 Dec 2020 20:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.7	115.1
121	30.1	25.4	38.2





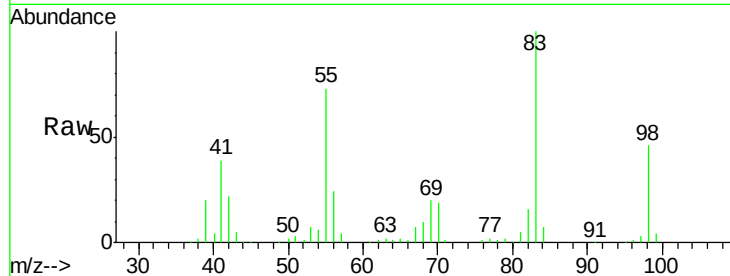
#39
Methylvlcyclohexane
Concen: 40.957 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064957.D
Acq: 7 Dec 2020 20:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

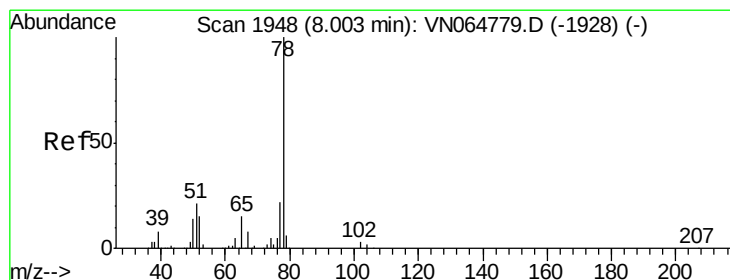
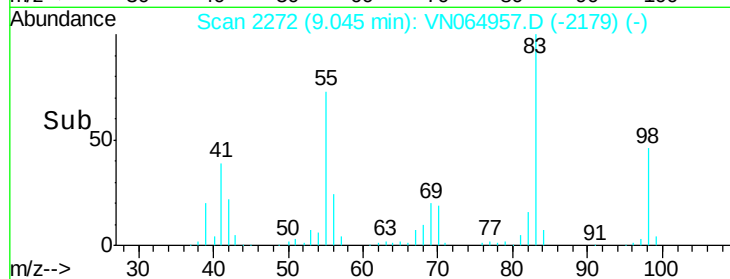
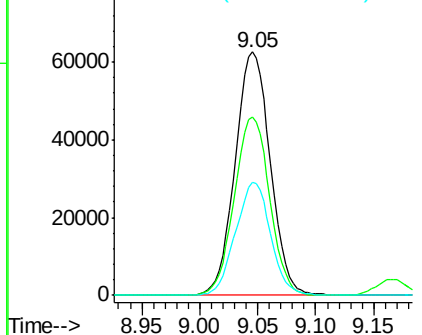
Tot Ion	Ratio	Lower	Upper
83	100		
55	73.4	60.2	90.2
98	46.4	37.4	56.2

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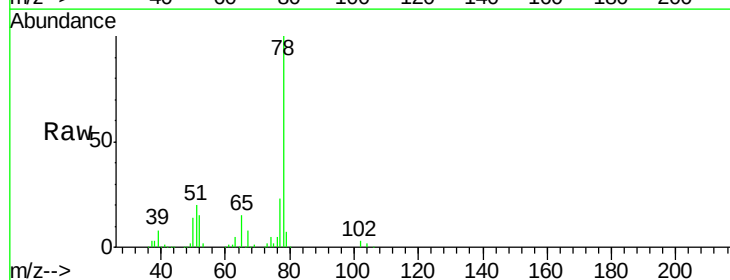


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

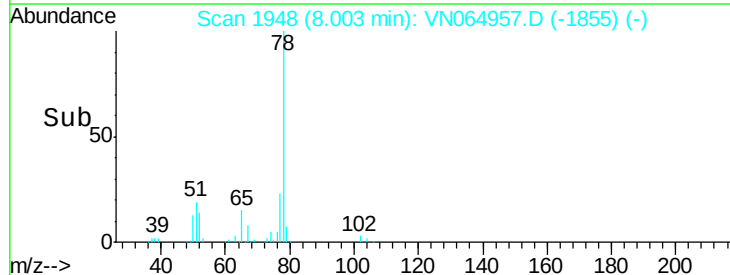
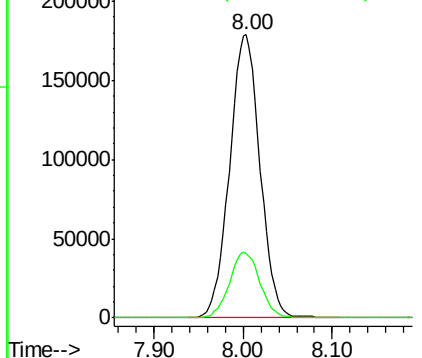


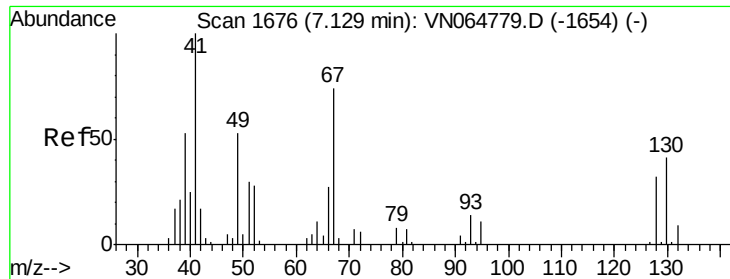
#40
Benzene
Concen: 45.972 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064957.D
Acq: 7 Dec 2020 20:00

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	17.9	26.9



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0





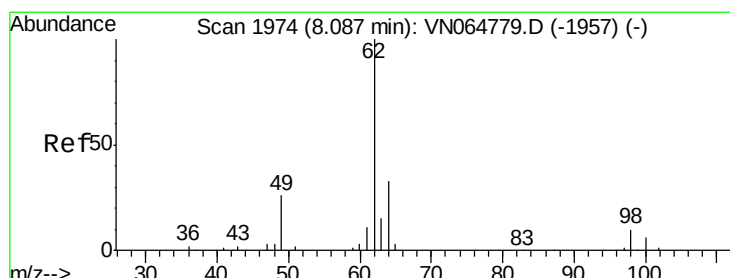
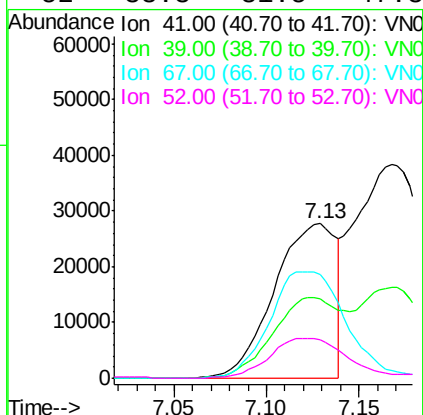
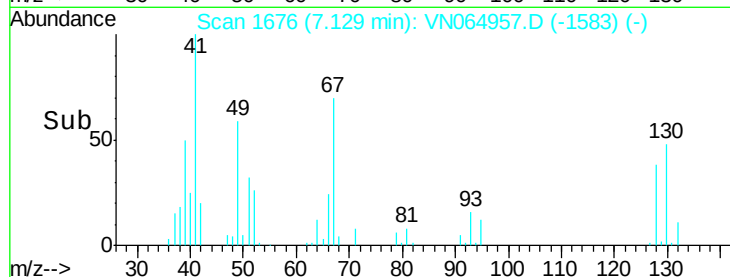
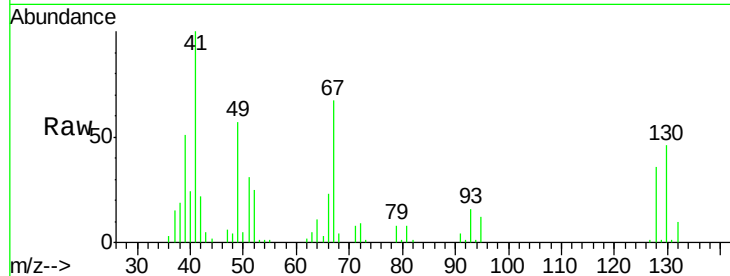
#41
Methacrylonitrile
Concen: 48.291 ug/l
RT: 7.13 min Scan# 1676
Delta R.T. 0.00 min
Lab File: VN064957.D
Acq: 7 Dec 2020 20:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	59.5	51.0	76.6	
67	86.1	79.8	119.8	
52	33.3	31.5	47.3	

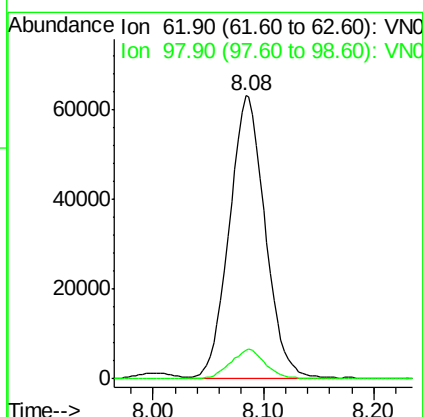
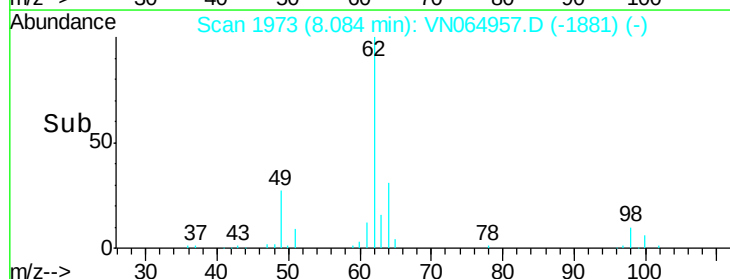
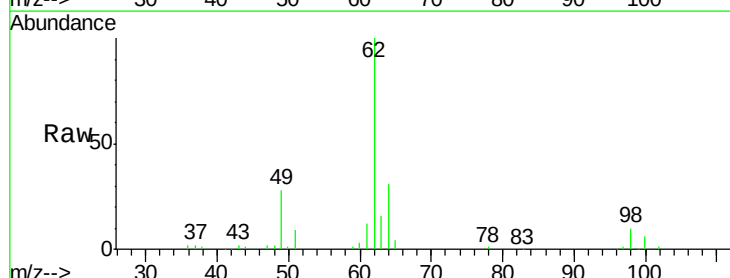
Manual Integrations
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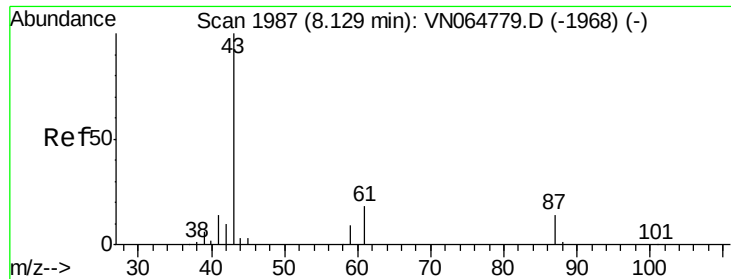
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#42
1,2-Dichloroethane
Concen: 45.745 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064957.D
Acq: 7 Dec 2020 20:00

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.1	0.0	19.6	





#43

Isopropyl Acetate

Concen: 45.656 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064957.D

Acq: 7 Dec 2020 20:00

Instrument :

MSVOA_N

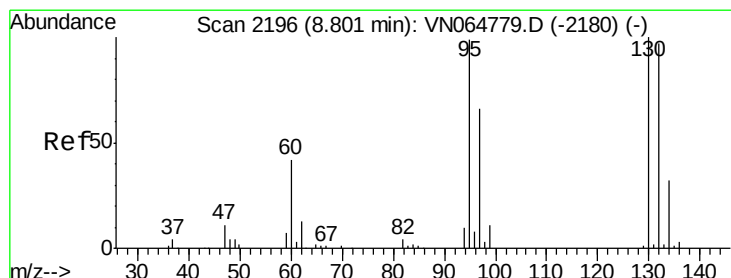
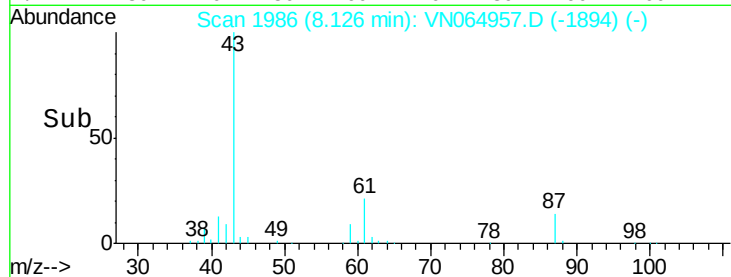
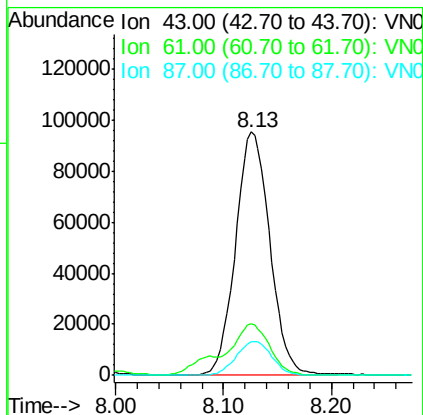
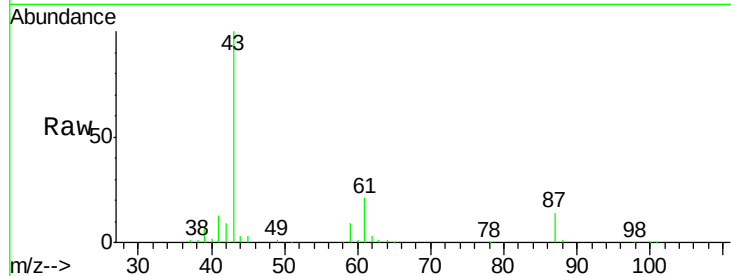
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	211687
Ion	Ratio	Lower	Upper
43	100		
61	22.1	17.2	25.8
87	14.4	11.4	17.0

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#44

Trichloroethene

Concen: 43.180 ug/l

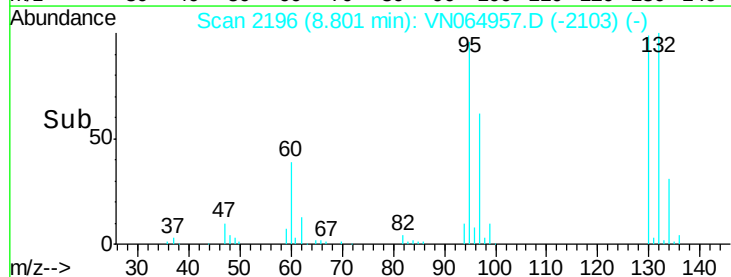
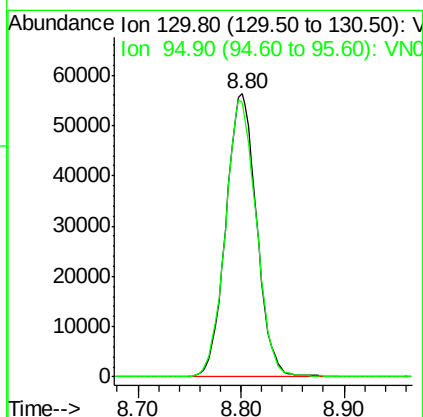
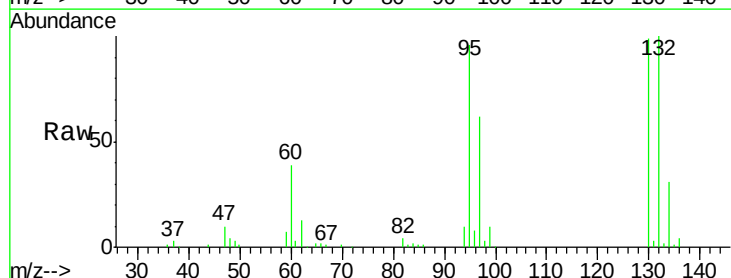
RT: 8.80 min Scan# 2196

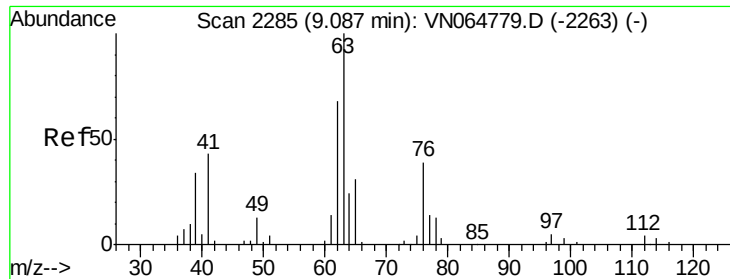
Delta R.T. 0.00 min

Lab File: VN064957.D

Acq: 7 Dec 2020 20:00

Tgt Ion:	130	Resp:	116784
Ion	Ratio	Lower	Upper
130	100		
95	96.8	0.0	197.8





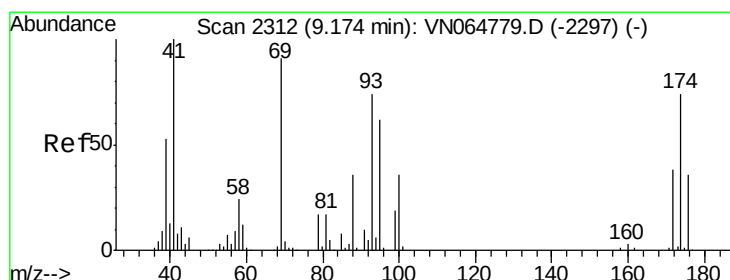
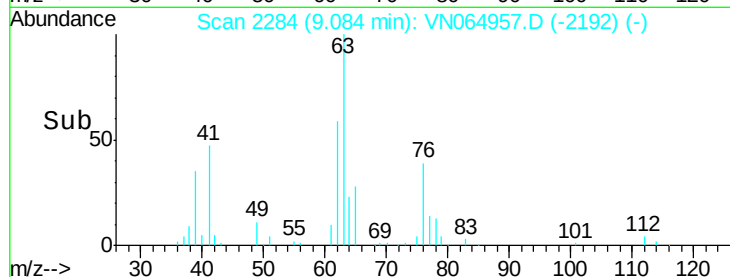
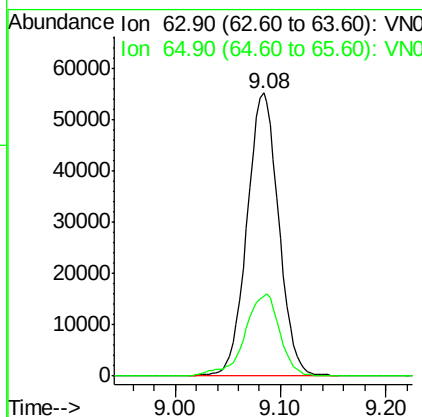
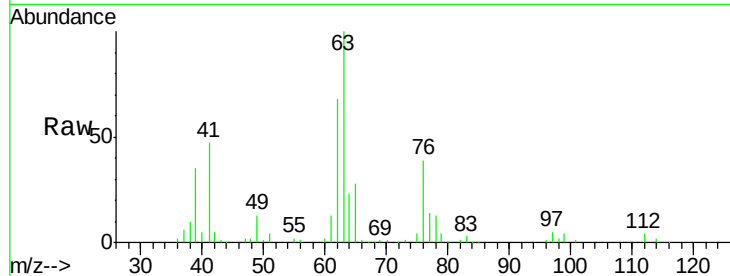
#45
 1,2-Dichloropropane
 Concen: 48.694 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064957.D
 Acq: 7 Dec 2020 20:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 115590
 Ion Ratio Lower Upper
 63 100
 65 28.4 25.0 37.4

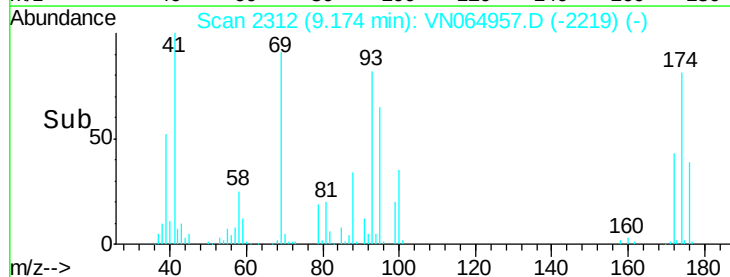
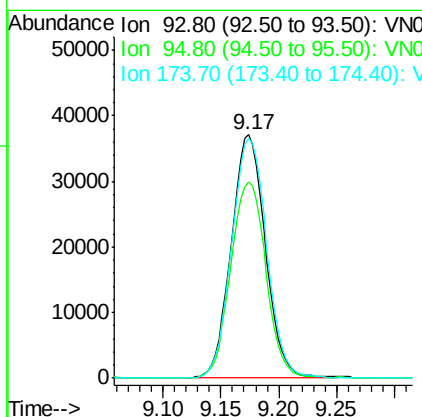
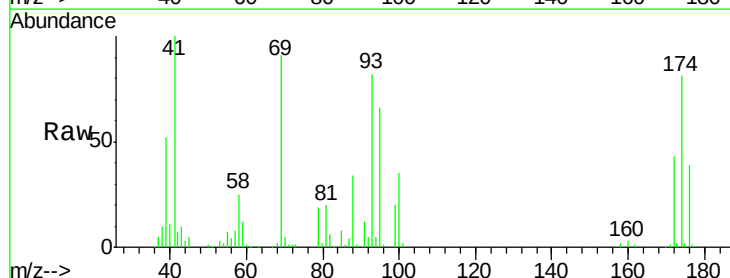
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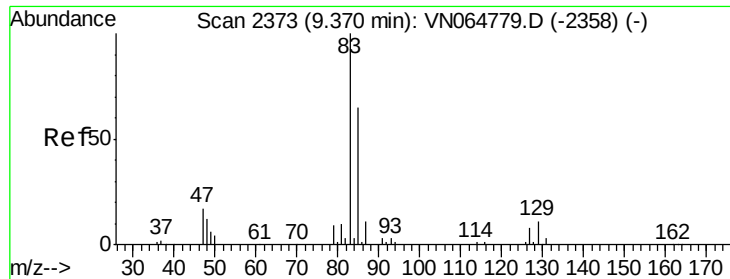
MMDadoda
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#46
 Dibromomethane
 Concen: 47.774 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064957.D
 Acq: 7 Dec 2020 20:00

Tgt Ion: 93 Resp: 75763
 Ion Ratio Lower Upper
 93 100
 95 83.1 68.8 103.2
 174 101.1 83.1 124.7





#47

Bromodichloromethane

Concen: 46.993 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064957.D

Acq: 7 Dec 2020 20:00

Instrument :

MSVOA_N

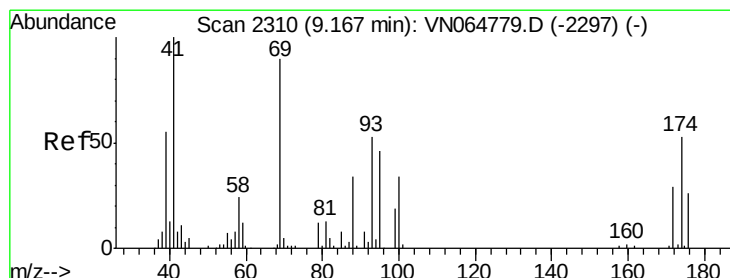
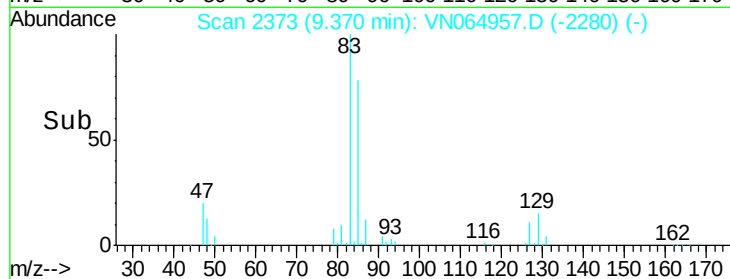
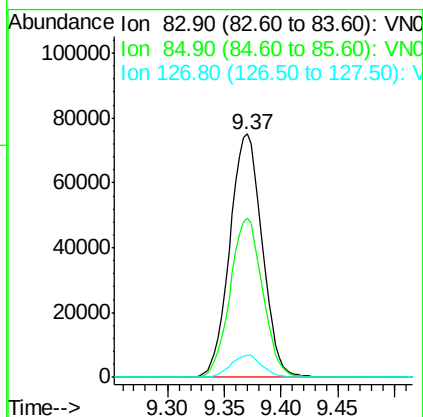
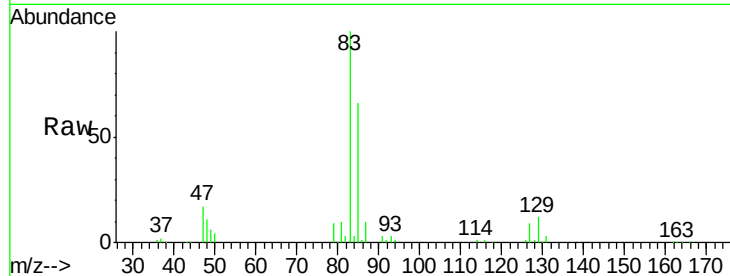
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	149951
Ion Ratio	Lower	Upper	
83	100		
85	65.6	51.8	77.8
127	9.2	6.8	10.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 47.341 ug/l

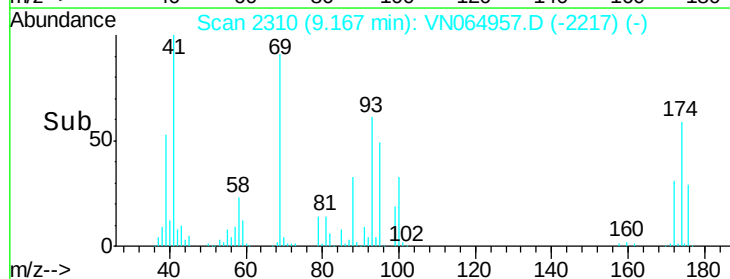
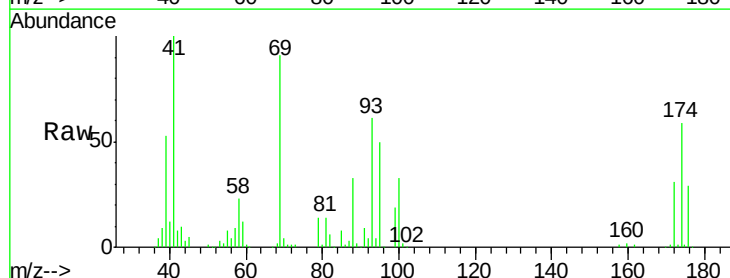
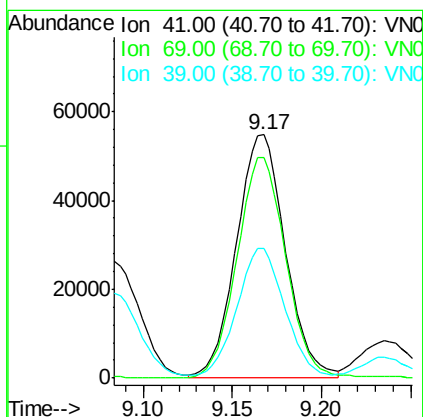
RT: 9.17 min Scan# 2310

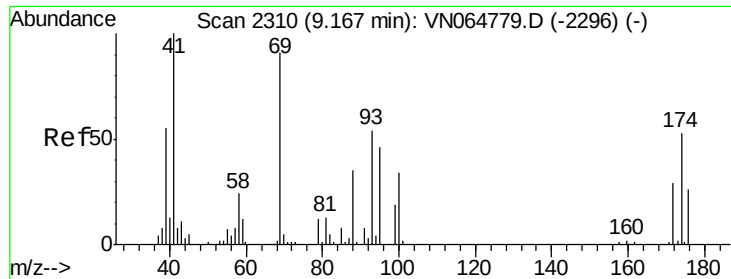
Delta R.T. 0.00 min

Lab File: VN064957.D

Acq: 7 Dec 2020 20:00

Tgt Ion:	41	Resp:	104886
Ion Ratio	Lower	Upper	
41	100		
69	91.2	71.8	107.8
39	52.8	44.1	66.1





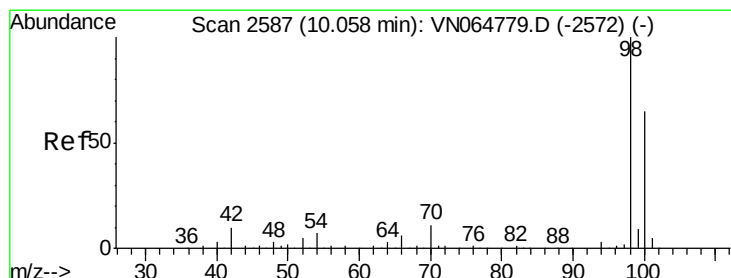
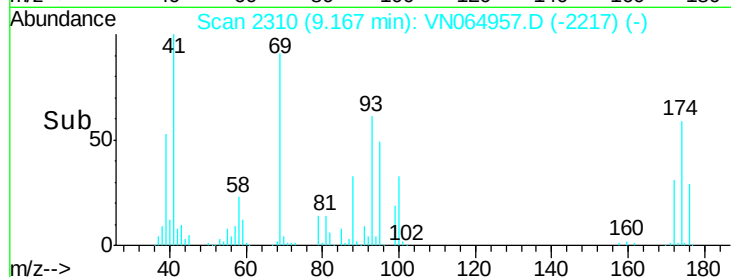
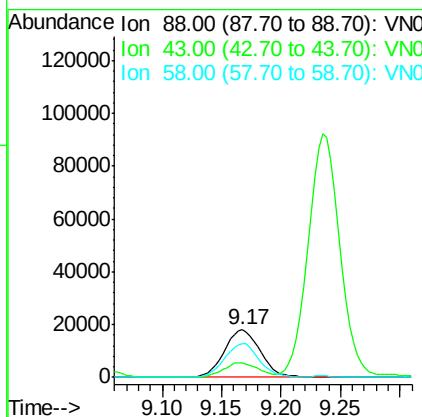
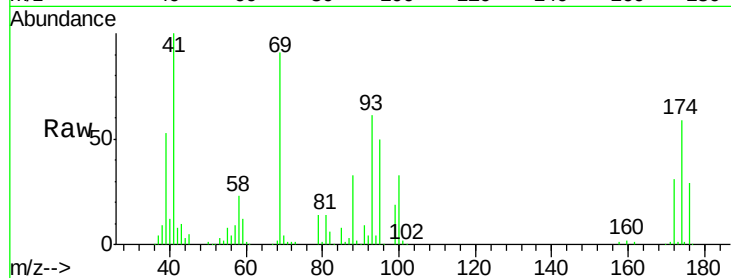
#49
 1,4-Dioxane
 Concen: 897.026 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN064957.D
 Acq: 7 Dec 2020 20:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.7	24.2	36.4
58	68.6	52.5	78.7

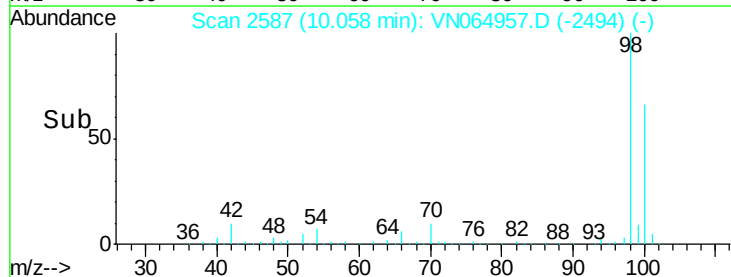
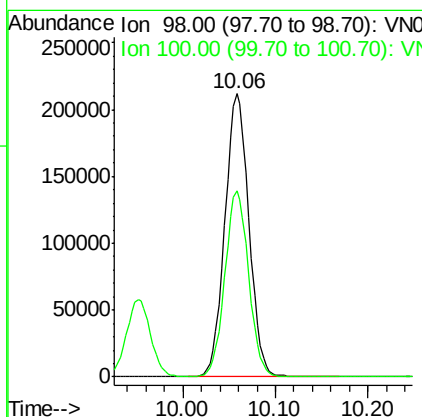
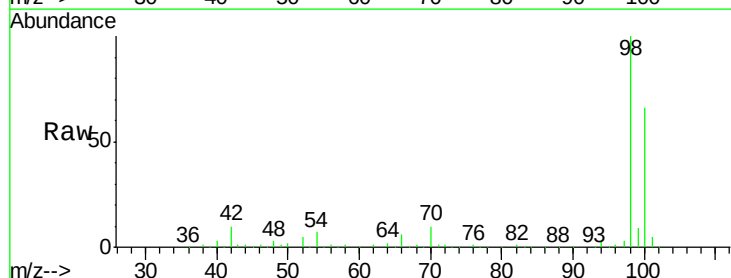
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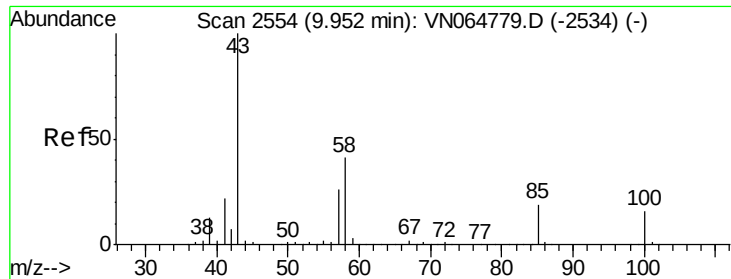
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#50
 Toluene-d8
 Concen: 48.308 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN064957.D
 Acq: 7 Dec 2020 20:00

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 231.072 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064957.D

Acq: 7 Dec 2020 20:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 643202

Ion Ratio Lower Upper

43 100

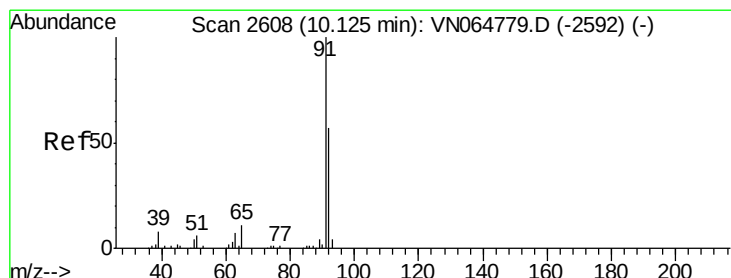
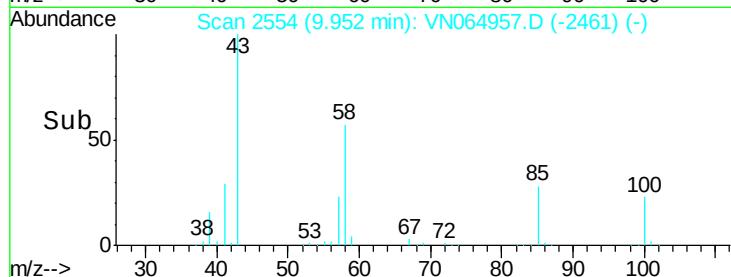
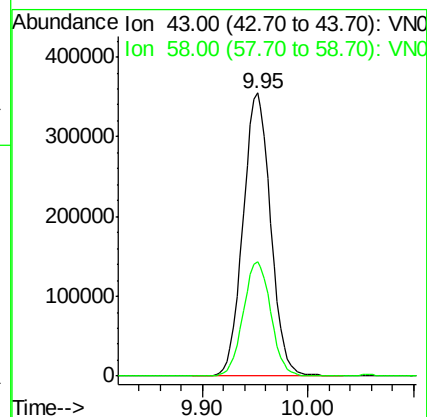
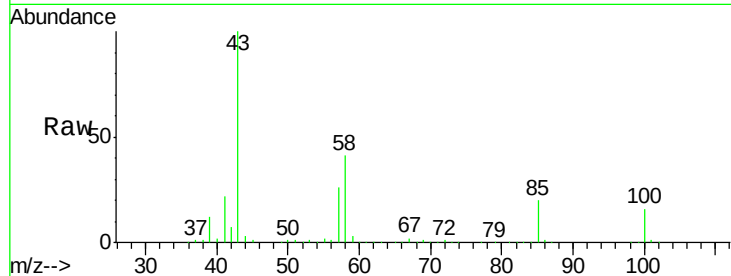
58 40.5 32.4 48.6

Manual Integrations

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#52

Toluene

Concen: 46.884 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064957.D

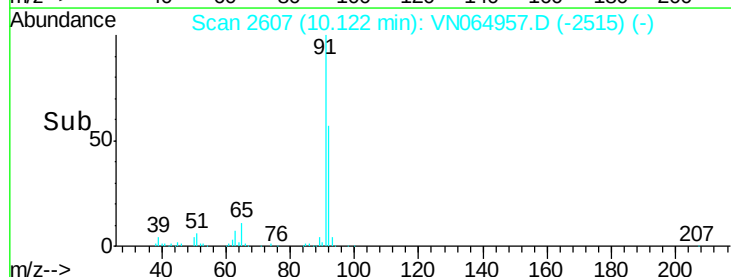
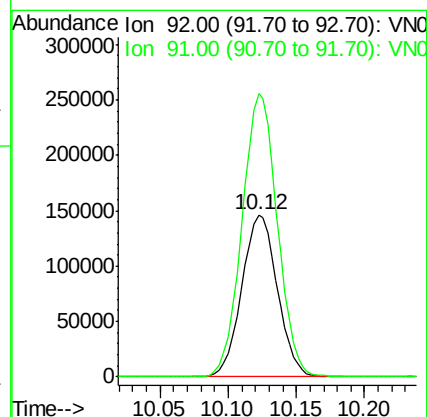
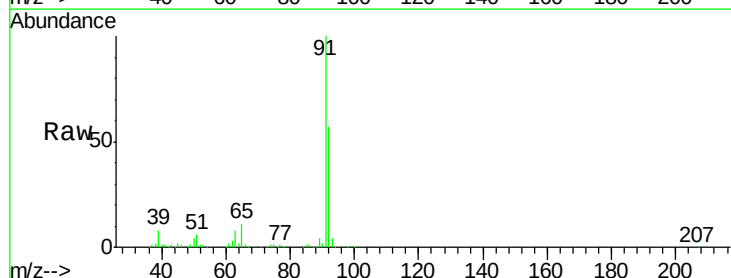
Acq: 7 Dec 2020 20:00

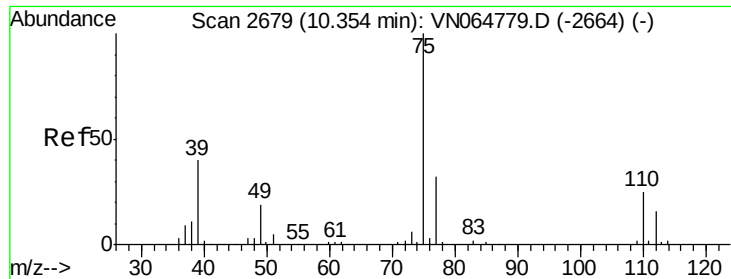
Tgt Ion: 92 Resp: 264660

Ion Ratio Lower Upper

92 100

91 173.4 139.1 208.7





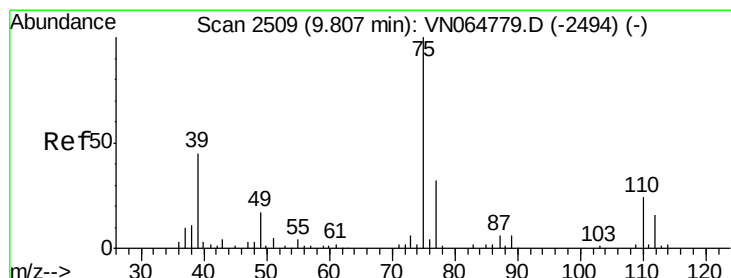
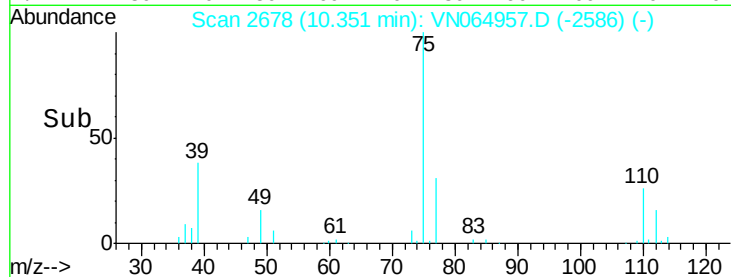
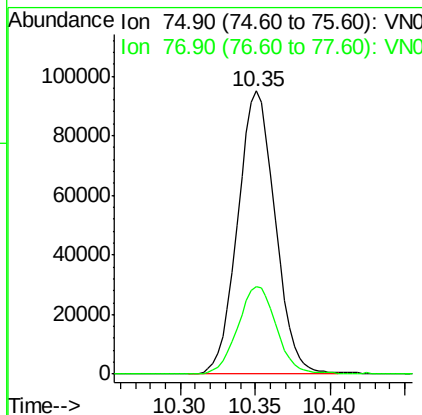
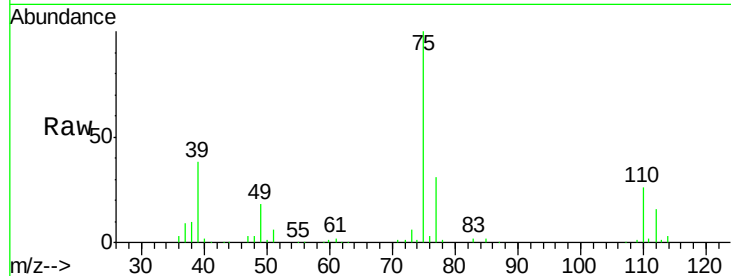
#53
 t-1,3-Dichloropropene
 Concen: 46.651 ug/l
 RT: 10.35 min Scan# 2678
 Delta R.T. -0.00 min
 Lab File: VN064957.D
 Acq: 7 Dec 2020 20:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 165800
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.8 38.6

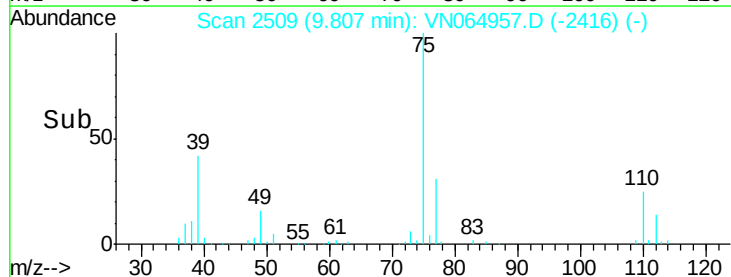
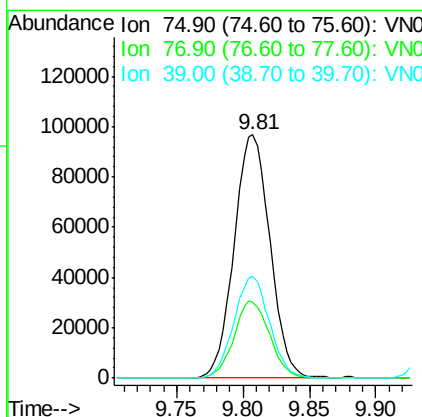
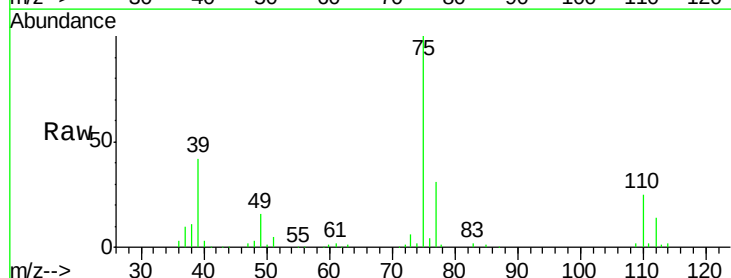
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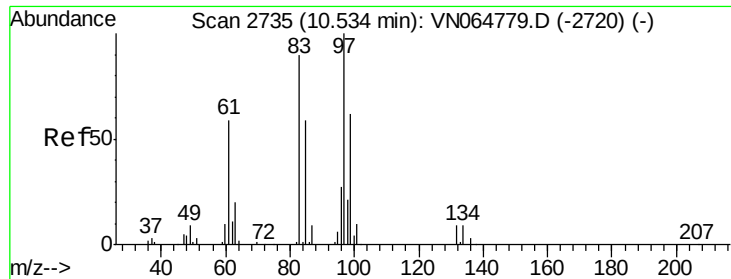
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#54
 cis-1,3-Dichloropropene
 Concen: 47.723 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN064957.D
 Acq: 7 Dec 2020 20:00

Tgt Ion: 75 Resp: 181801
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.5 38.3
 39 41.8 35.6 53.4





#55

1,1,2-Trichloroethane

Concen: 47.241 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN064957.D

Acq: 7 Dec 2020 20:00

Instrument :

MSVOA_N

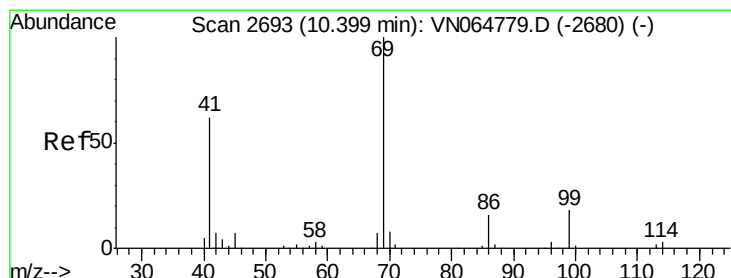
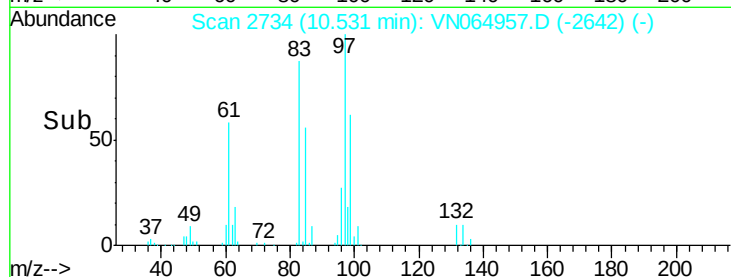
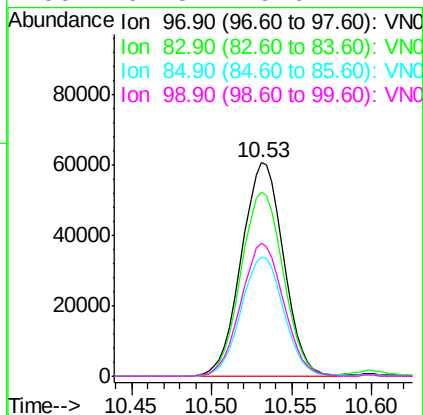
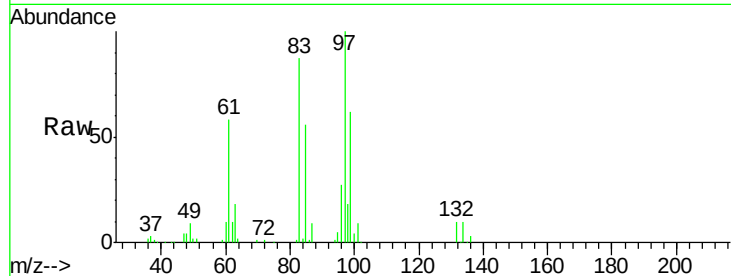
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	109660
Ion	Ratio	Lower	Upper
97	100		
83	86.6	72.1	108.1
85	55.7	46.8	70.2
99	62.3	49.6	74.4

Manual Integrations
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#56

Ethyl methacrylate

Concen: 48.562 ug/l

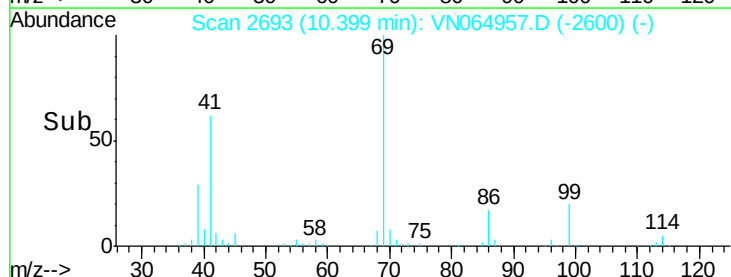
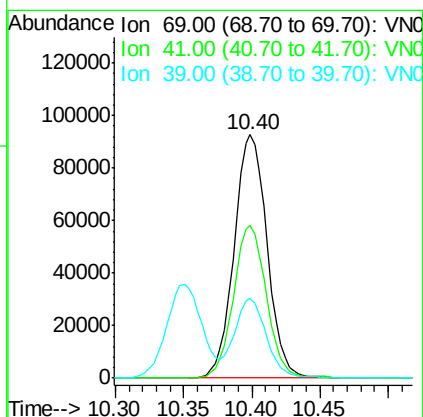
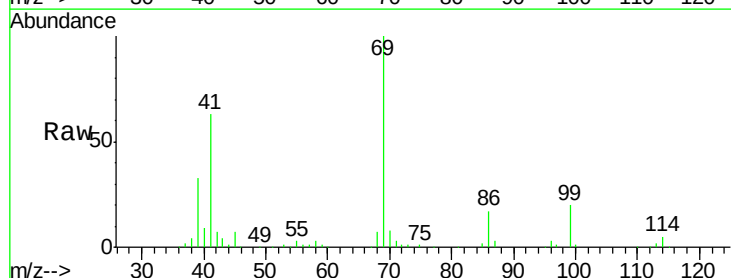
RT: 10.40 min Scan# 2693

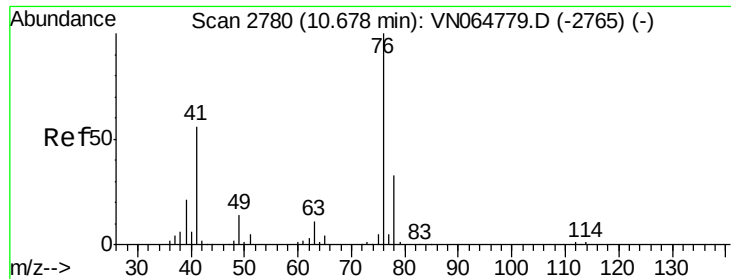
Delta R.T. 0.00 min

Lab File: VN064957.D

Acq: 7 Dec 2020 20:00

Tgt Ion:	69	Resp:	155559
Ion	Ratio	Lower	Upper
69	100		
41	61.6	49.4	74.0
39	31.6	25.9	38.9





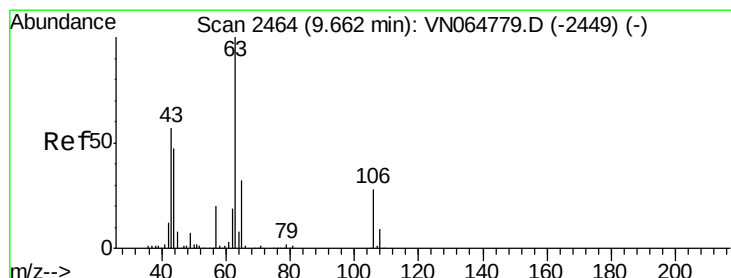
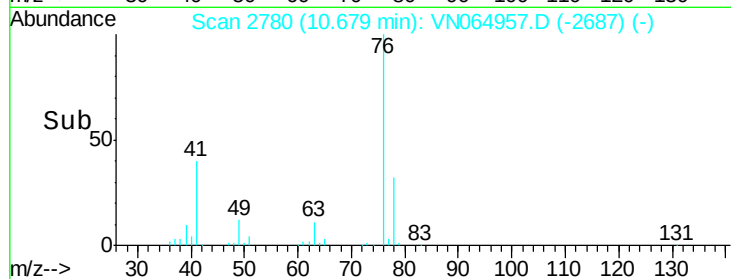
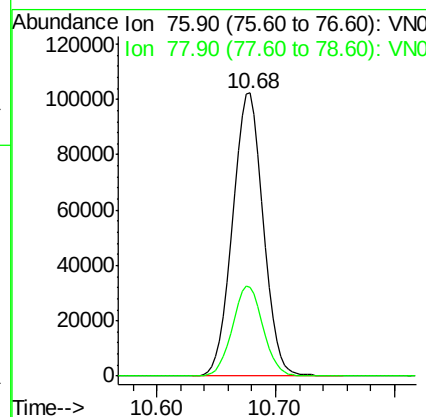
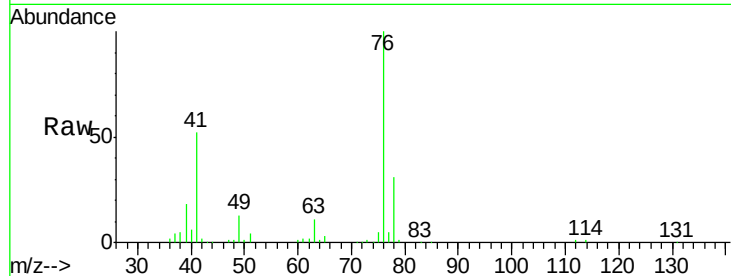
#57
 1,3-Dichloropropane
 Concen: 47.631 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN064957.D
 Acq: 7 Dec 2020 20:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	26.1	39.1

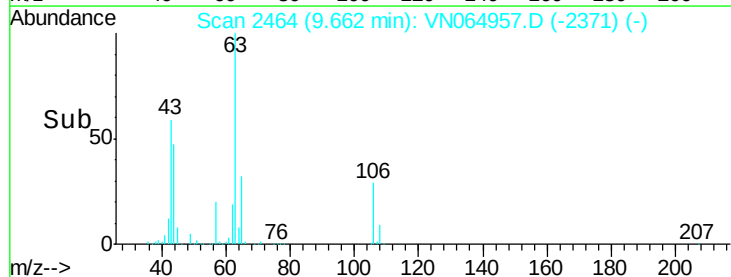
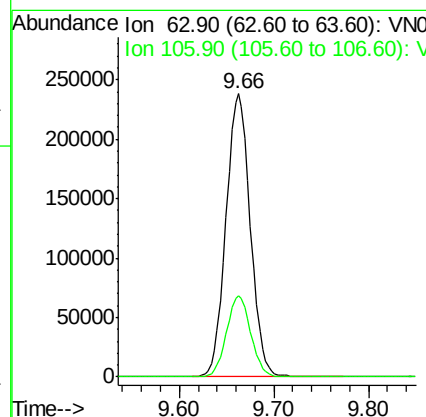
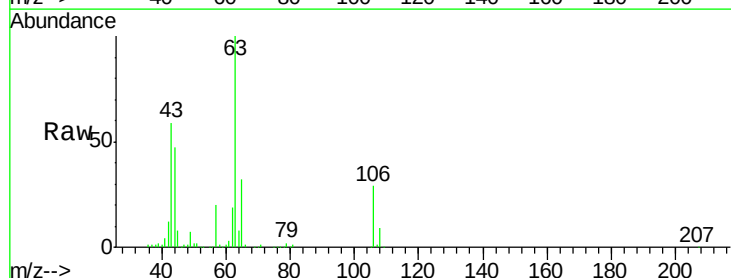
Manual Integrations
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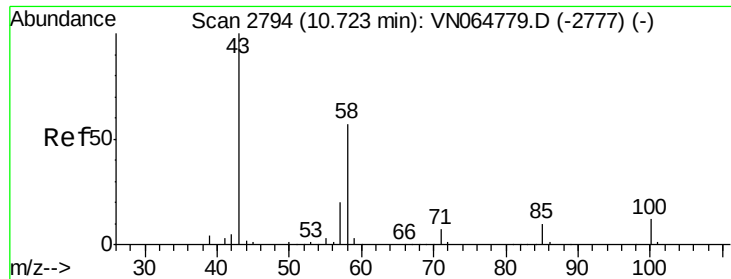
MMDadoda
 12/8/2020 5:04:16 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 240.873 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064957.D
 Acq: 7 Dec 2020 20:00

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.6	22.7	34.1





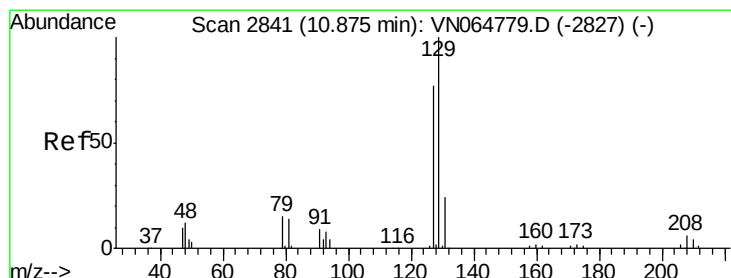
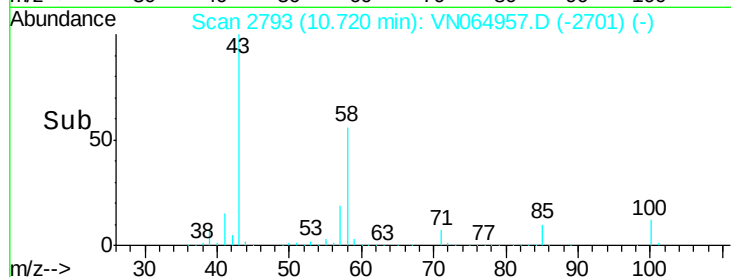
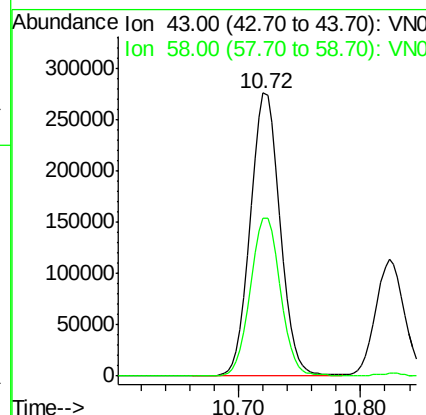
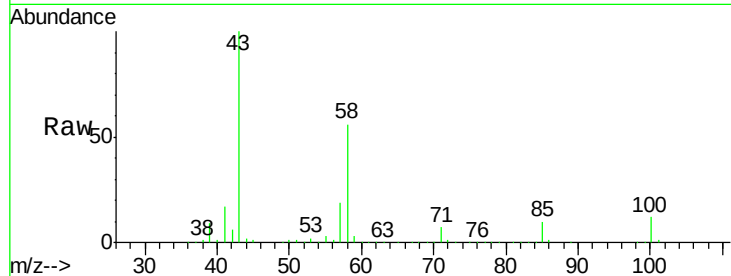
#59
2-Hexanone
Concen: 230.585 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064957.D
Acq: 7 Dec 2020 20:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	58	Ratio	Lower	Upper
43	100				
58	56.5	28.3		28.3	84.9

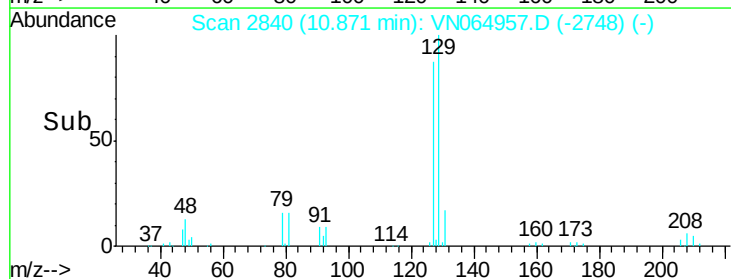
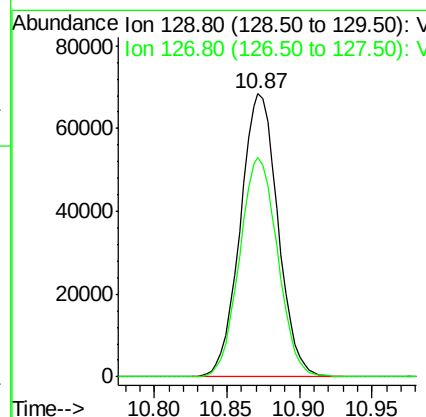
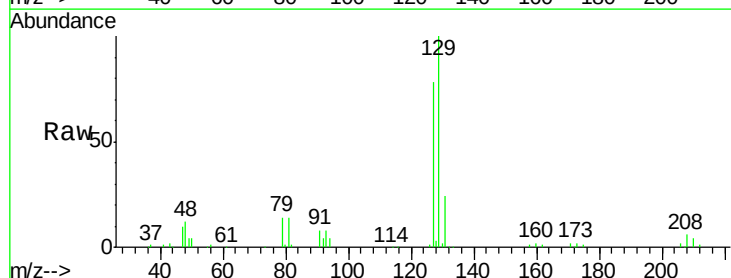
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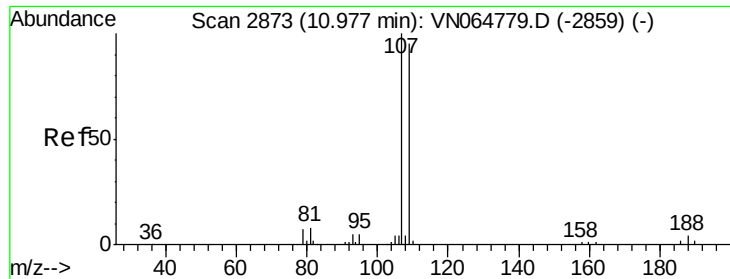
MMDadoda
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#60
Dibromochloromethane
Concen: 47.838 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064957.D
Acq: 7 Dec 2020 20:00

Tgt Ion	129	127	Ratio	Lower	Upper
129	100				
127	78.2	39.1		39.1	117.2





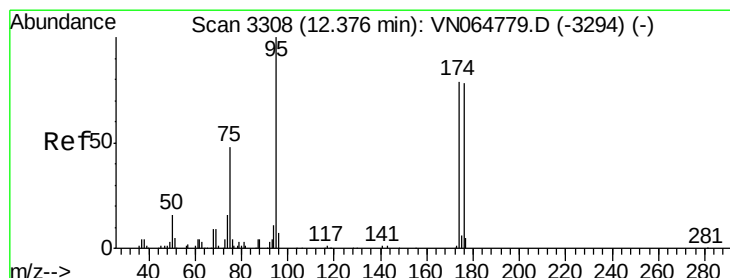
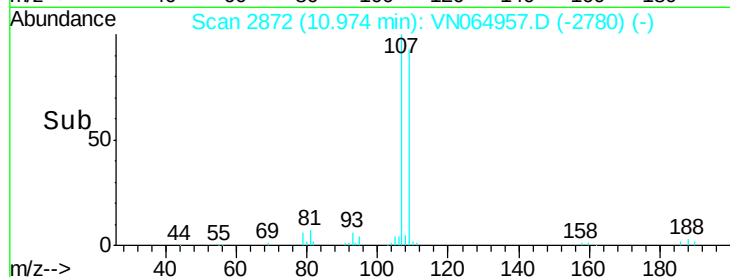
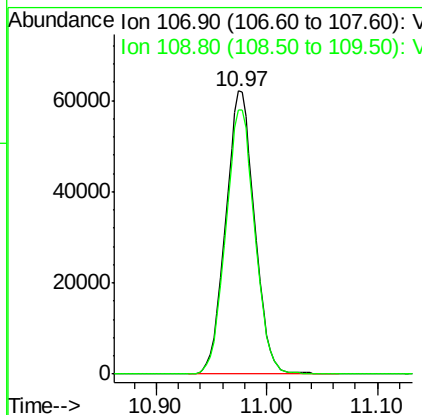
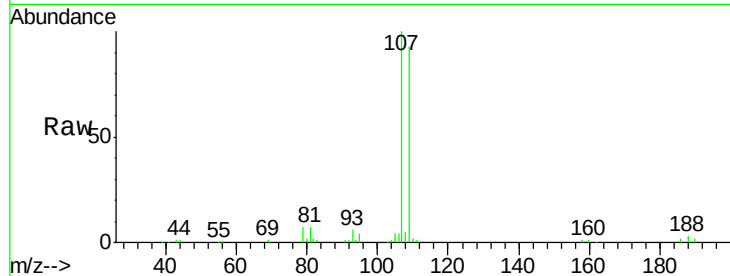
#61
 1,2-Dibromoethane
 Concen: 47.726 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN064957.D
 Acq: 7 Dec 2020 20:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100	112556		
109	94.0	76.0	114.0	

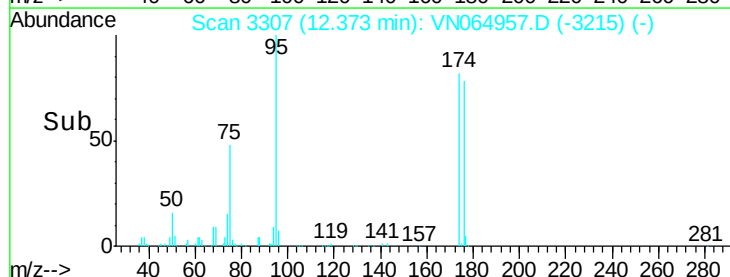
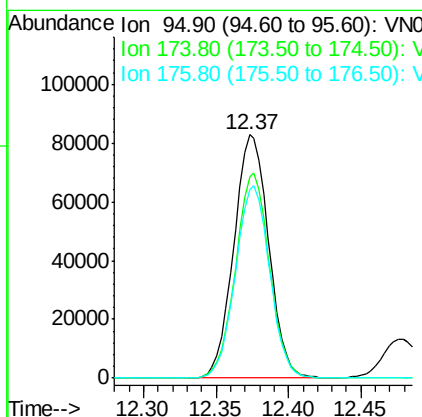
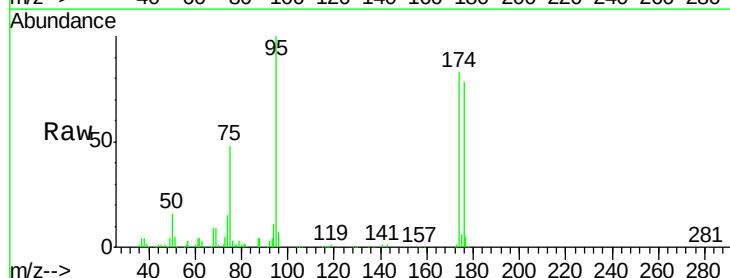
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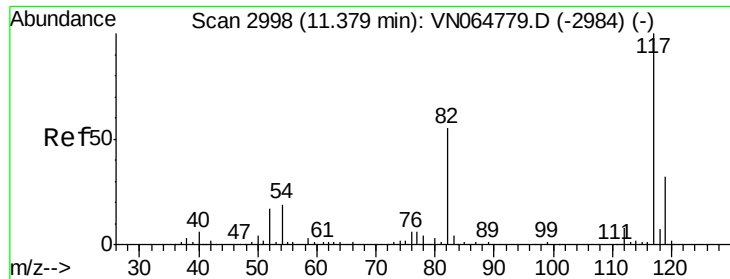
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#62
 4-Bromofluorobenzene
 Concen: 48.942 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN064957.D
 Acq: 7 Dec 2020 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	138199		
174	82.4	0.0	160.4	
176	77.9	0.0	158.4	





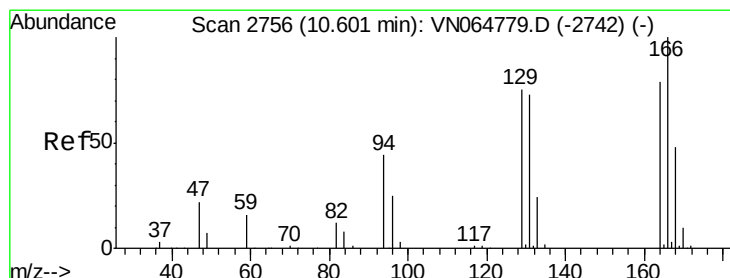
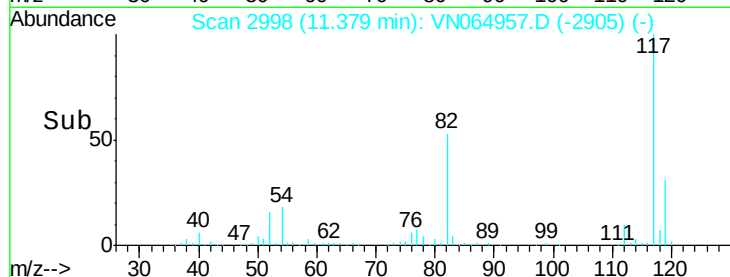
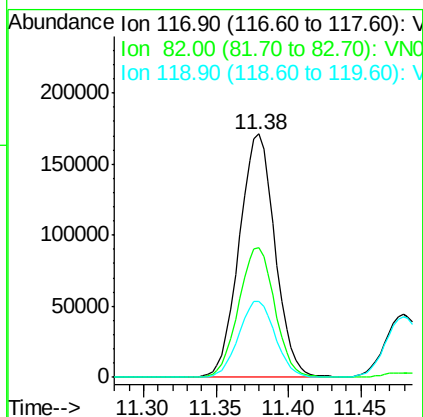
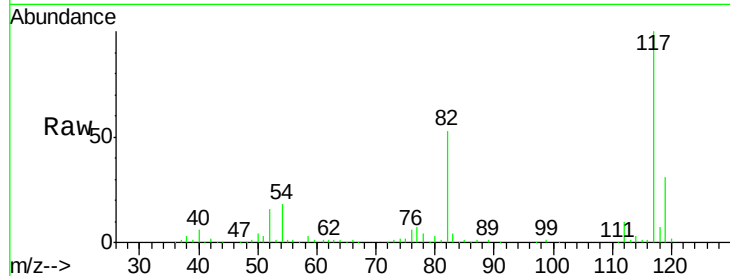
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064957.D
Acq: 7 Dec 2020 20:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	44.2	66.2
119	31.4	25.8	38.6

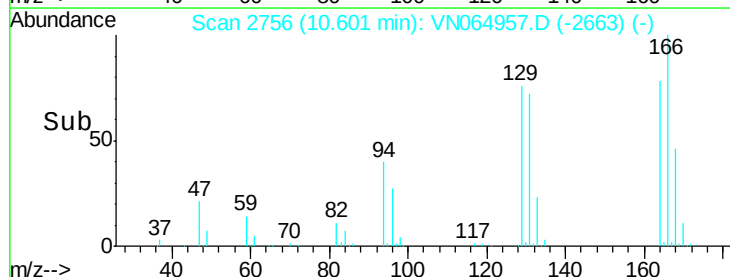
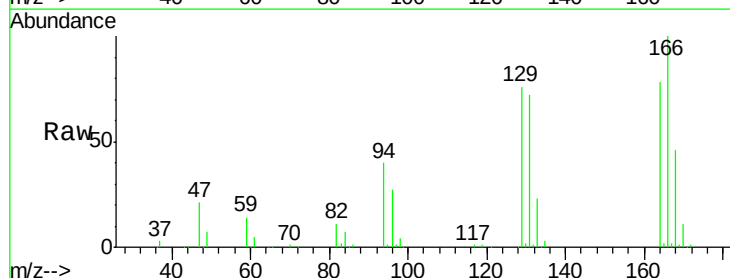
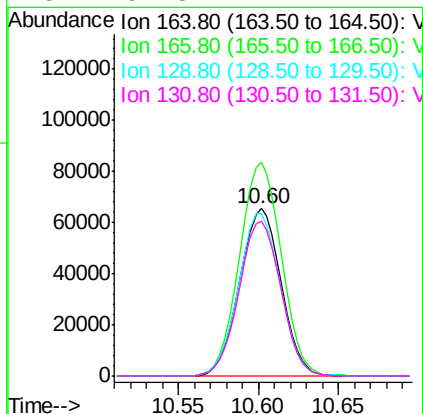
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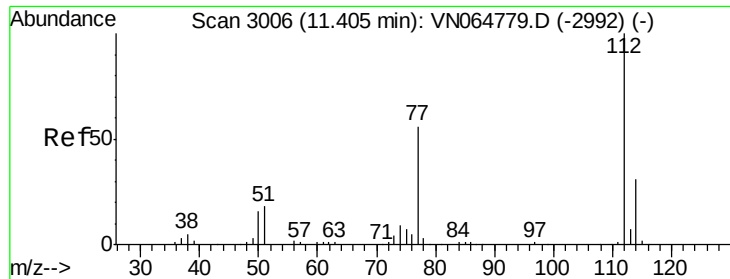
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#64
Tetrachloroethene
Concen: 40.544 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064957.D
Acq: 7 Dec 2020 20:00

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.4	101.4	152.0
129	97.4	76.1	114.1
131	92.3	74.2	111.2





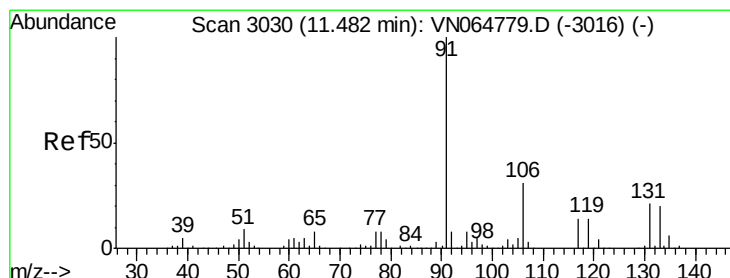
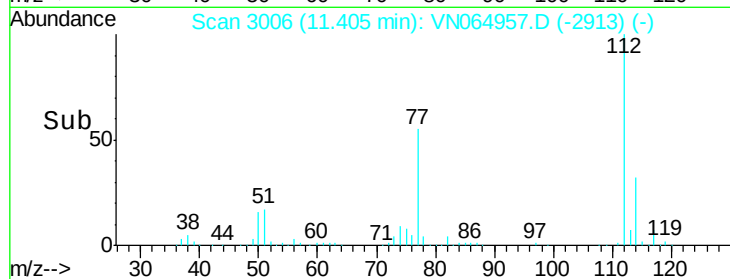
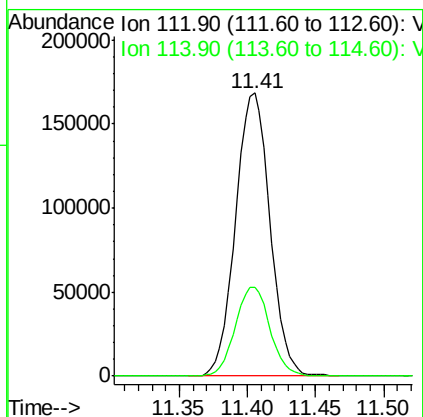
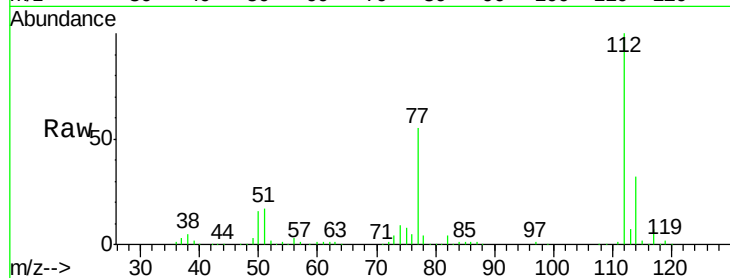
#65
Chlorobenzene
Concen: 46.811 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064957.D
Acq: 7 Dec 2020 20:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 295602
Ion Ratio Lower Upper
112 100
114 31.5 25.1 37.7

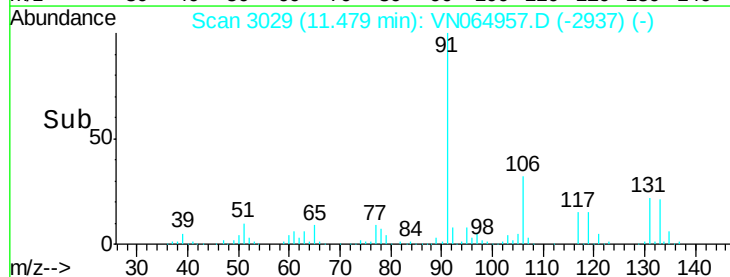
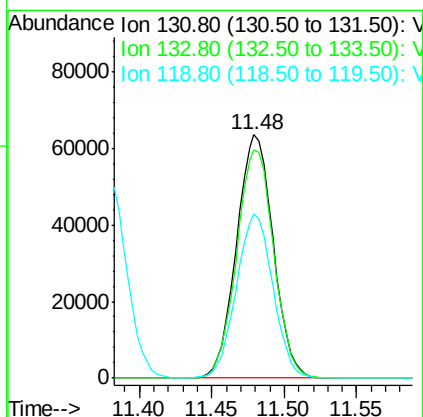
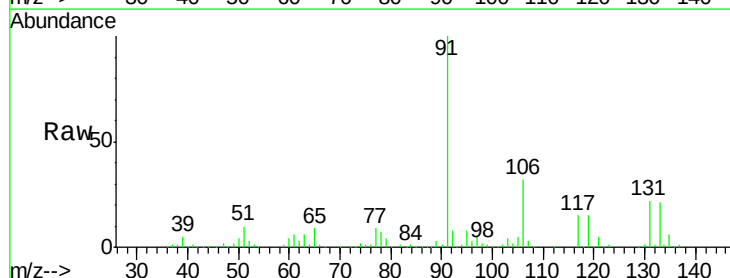
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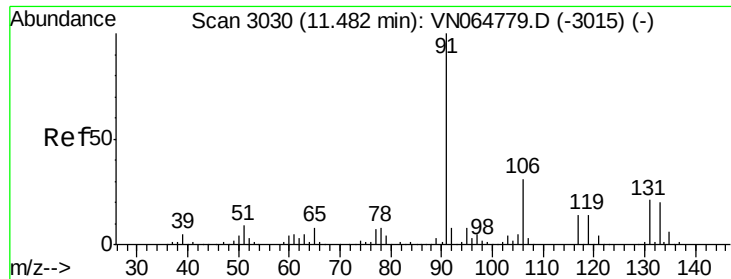
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.268 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064957.D
Acq: 7 Dec 2020 20:00

Tgt Ion:131 Resp: 112016
Ion Ratio Lower Upper
131 100
133 94.7 47.5 142.5
119 67.2 33.3 99.8





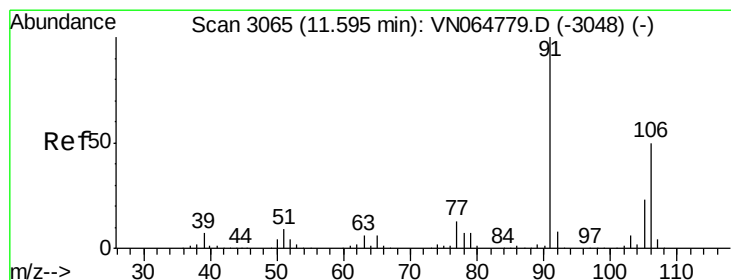
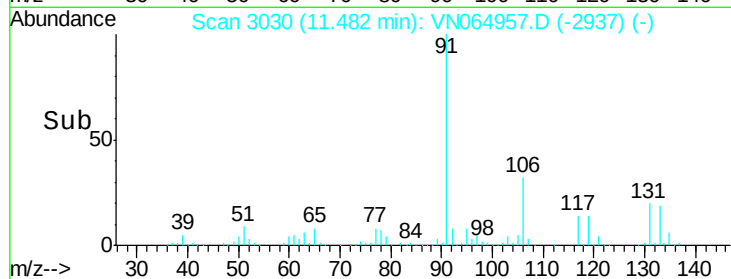
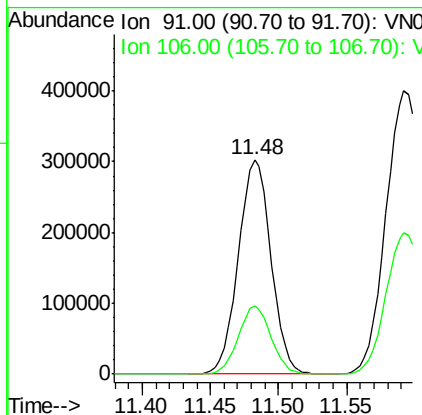
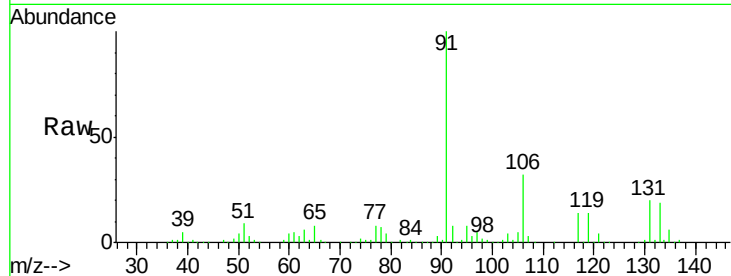
#67
Ethyl Benzene
Concen: 47.658 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064957.D
Acq: 7 Dec 2020 20:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 502759
Ion Ratio Lower Upper
91 100
106 31.6 25.2 37.8

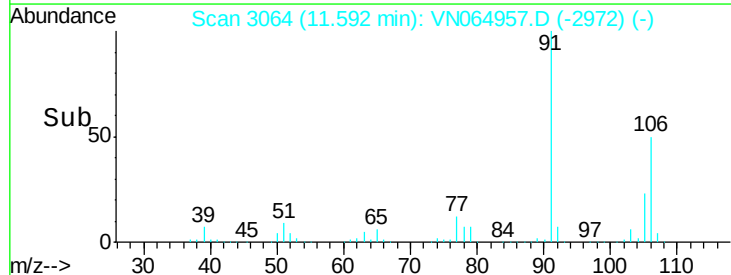
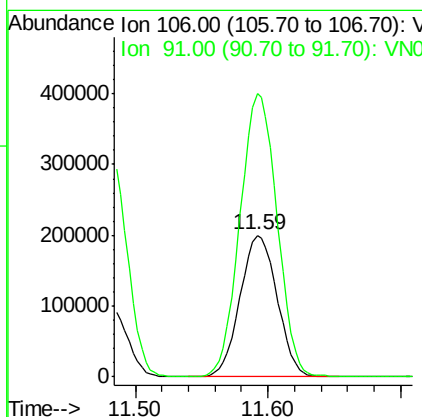
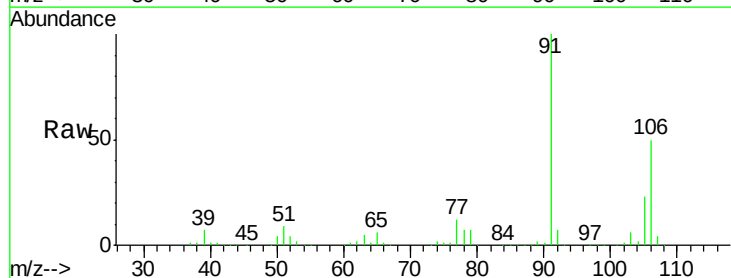
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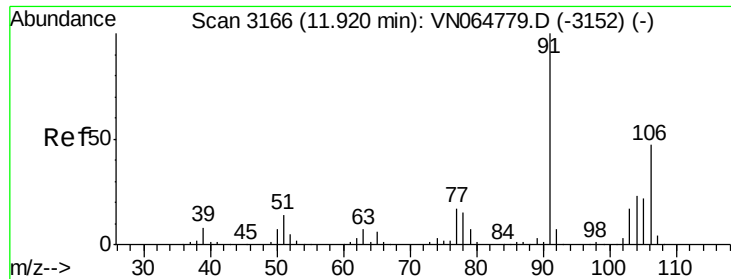
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#68
m/p-Xylenes
Concen: 96.848 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064957.D
Acq: 7 Dec 2020 20:00

Tgt Ion: 106 Resp: 386811
Ion Ratio Lower Upper
106 100
91 200.4 161.0 241.4





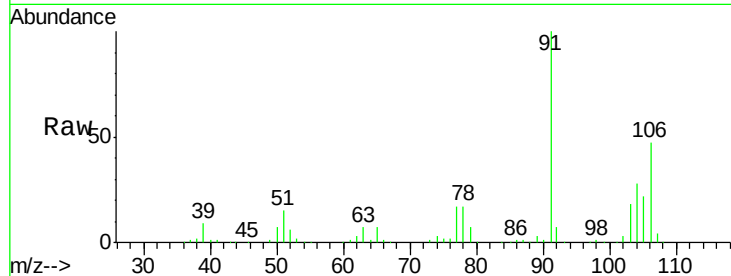
#69
o-Xylene
Concen: 49.469 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064957.D
Acq: 7 Dec 2020 20:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

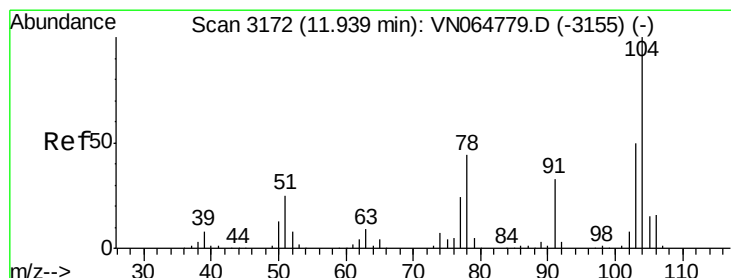
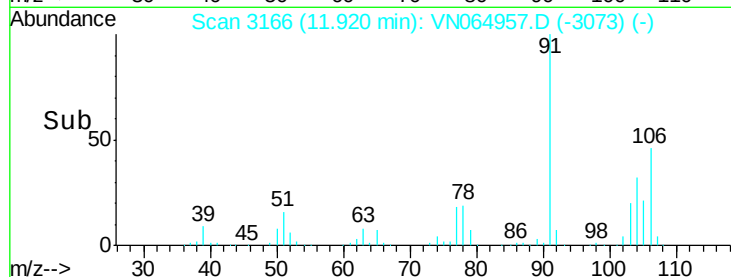
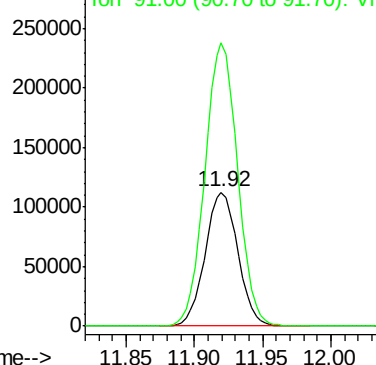
Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		187494		
91	211.3	105.5	316.5		

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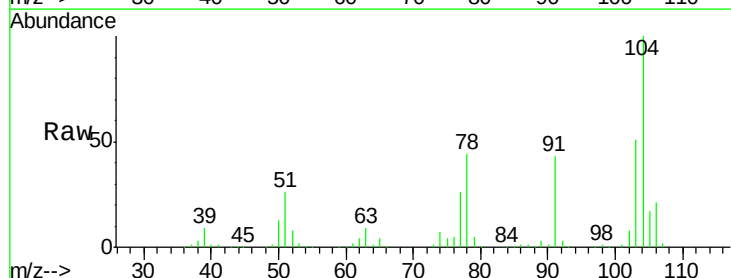


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

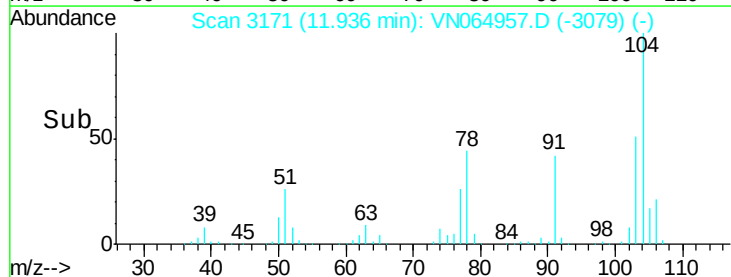
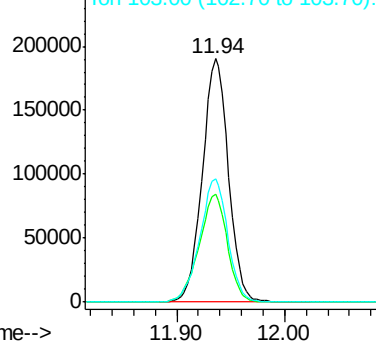


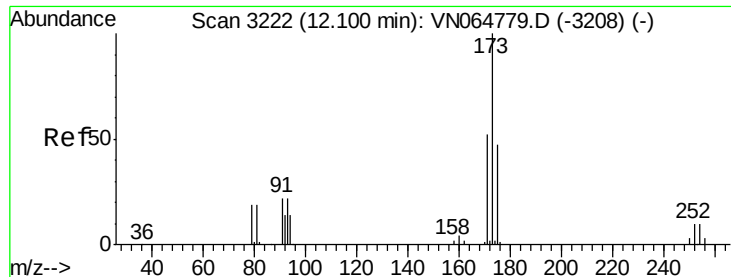
#70
Styrene
Concen: 50.214 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064957.D
Acq: 7 Dec 2020 20:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		321283		
78	48.1	39.0	58.6		
103	54.6	44.3	66.5		



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





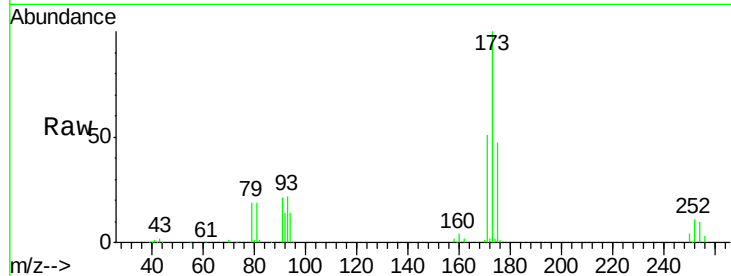
#71
Bromoform
Concen: 45.869 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN064957.D
Acq: 7 Dec 2020 20:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

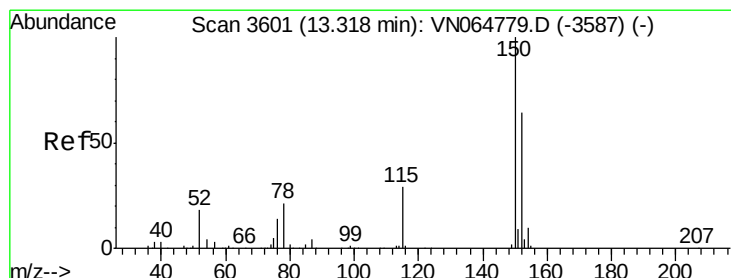
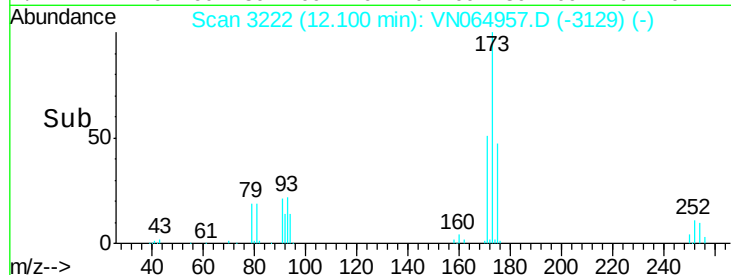
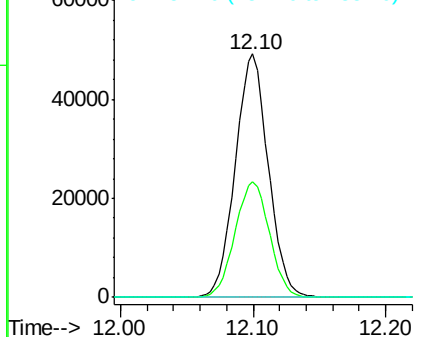
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.3	72.8
254	0.0	0.0	0.0

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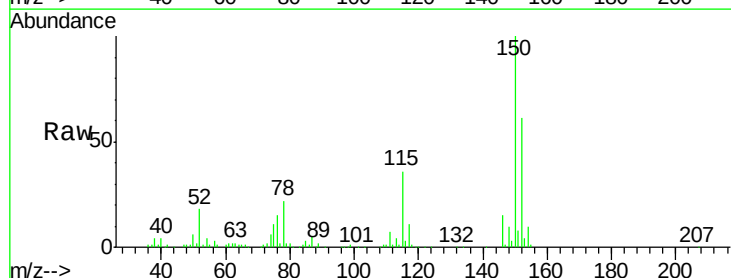


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

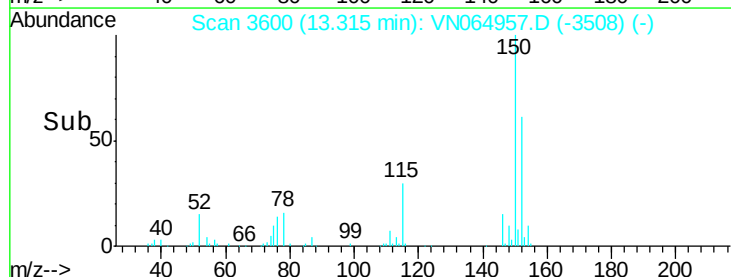
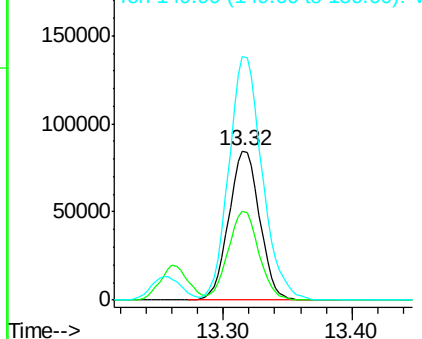


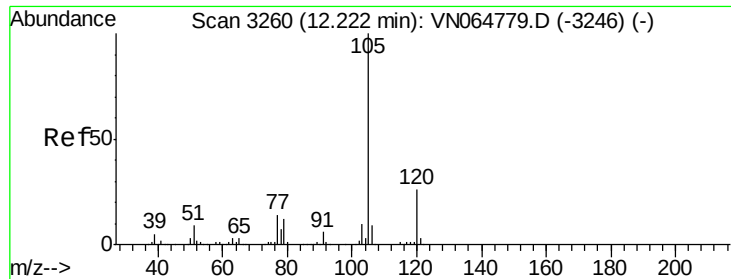
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064957.D
Acq: 7 Dec 2020 20:00

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.5	29.7	89.1
150	176.9	0.0	350.6



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: 49.983 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064957.D

Acq: 7 Dec 2020 20:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 488897

Ion Ratio Lower Upper

105 100

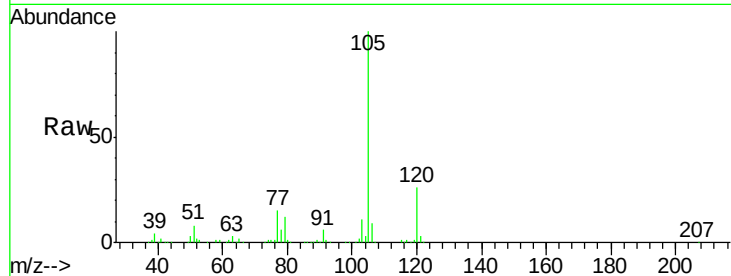
120 26.6 13.3 39.9

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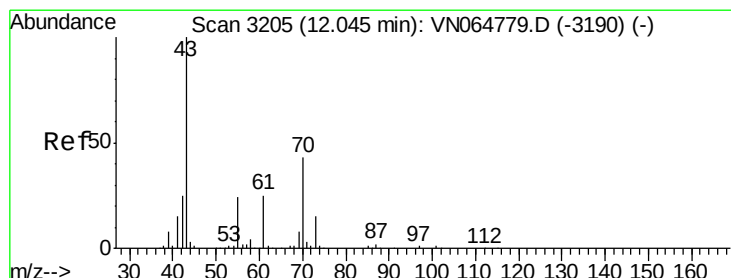
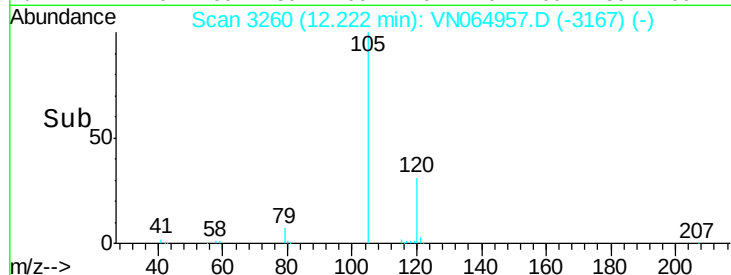
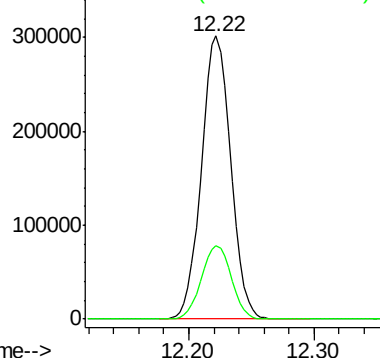
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.359 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064957.D

Acq: 7 Dec 2020 20:00

Tgt Ion: 43 Resp: 186149

Ion Ratio Lower Upper

43 100

70 44.8 34.5 51.7

55 25.4 20.4 30.6

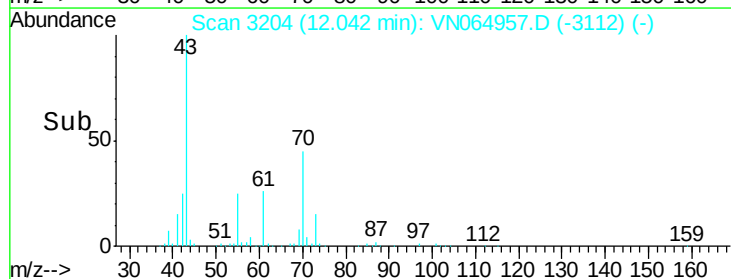
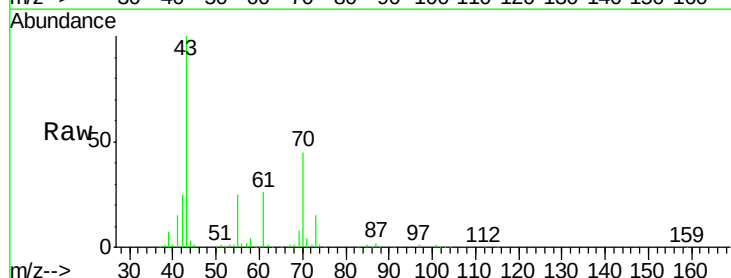
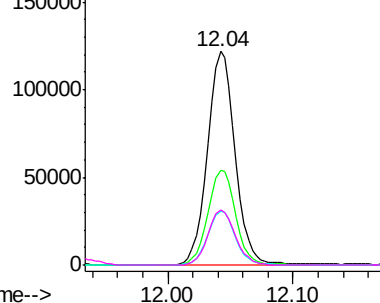
61 25.7 20.0 30.0

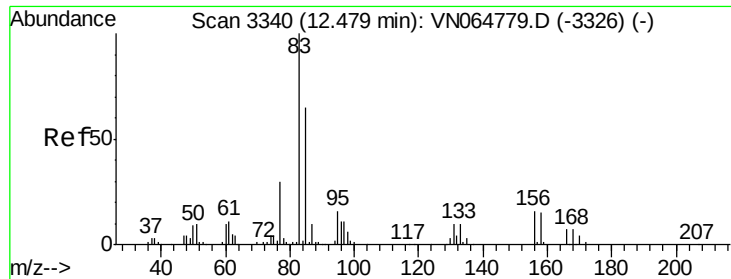
Abundance Ion 43.00 (42.70 to 43.70): V

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





#75

1,1,2,2-Tetrachloroethane

Concen: 49.997 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064957.D

Acq: 7 Dec 2020 20:00

Instrument :

MSVOA_N

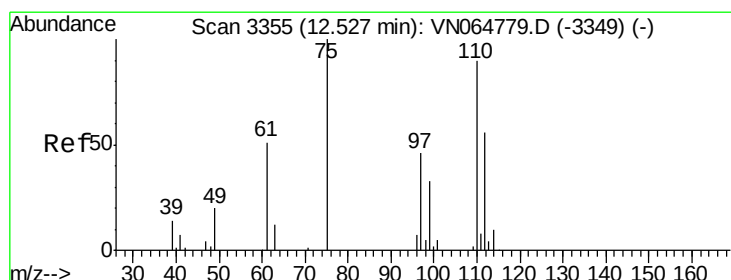
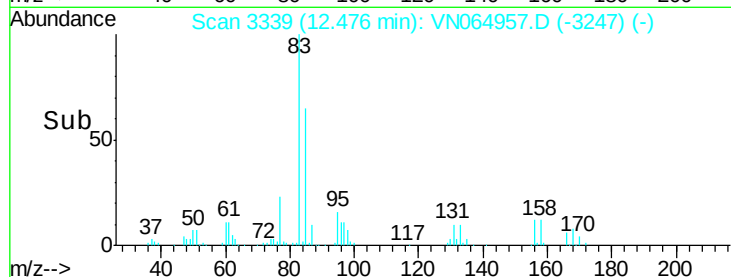
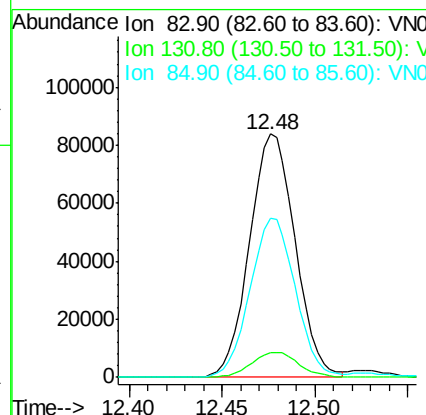
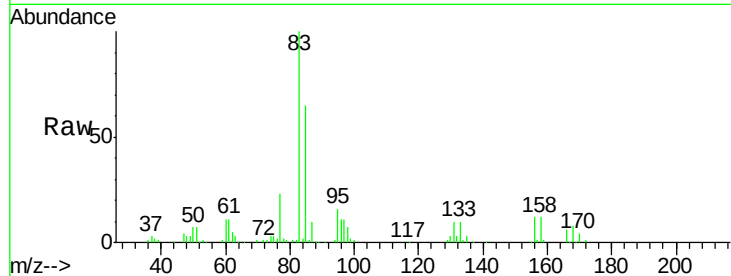
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	143339
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.1	15.3
85	65.1	33.0	99.0

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#76

1,2,3-Trichloropropane

Concen: 49.793 ug/l m

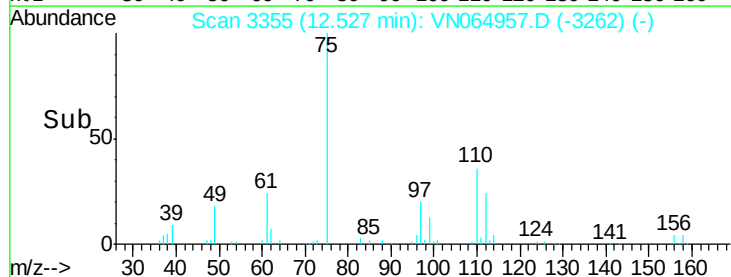
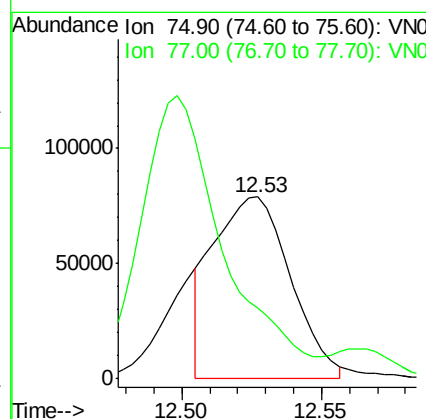
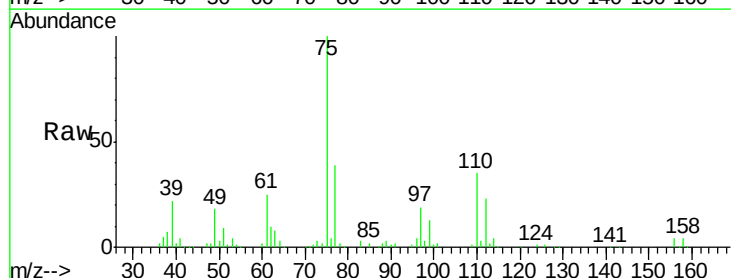
RT: 12.53 min Scan# 3355

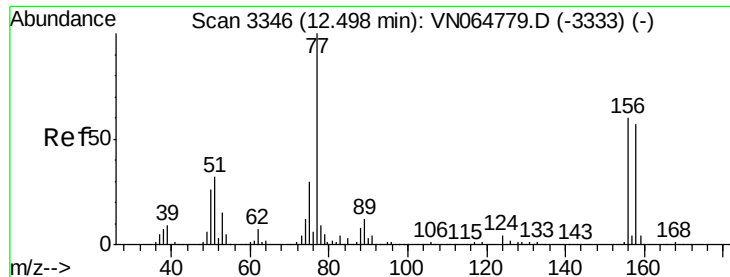
Delta R.T. 0.00 min

Lab File: VN064957.D

Acq: 7 Dec 2020 20:00

Tgt Ion:	75	Resp:	150795
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 48.738 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064957.D

Acq: 7 Dec 2020 20:00

Instrument :

MSVOA_N

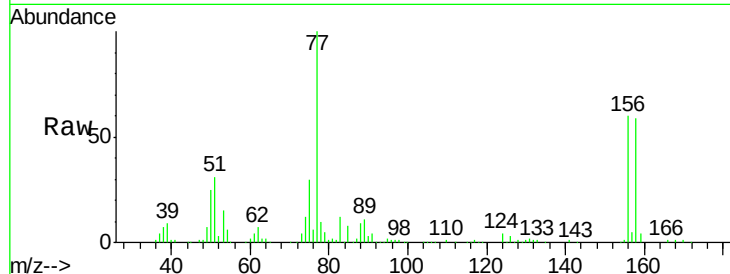
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	199.1	101.3	303.7
158	95.9	48.2	144.6

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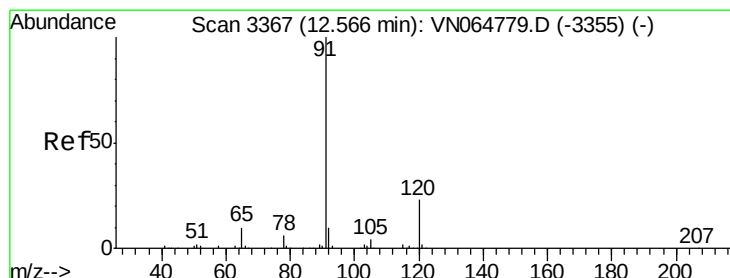
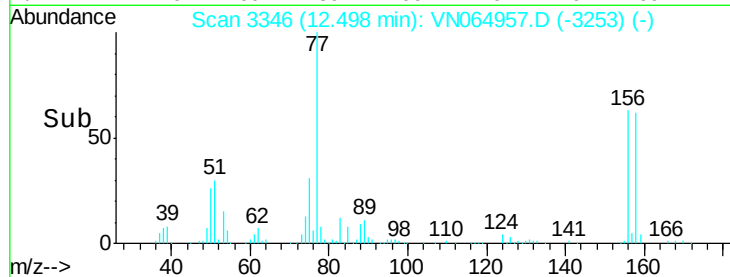
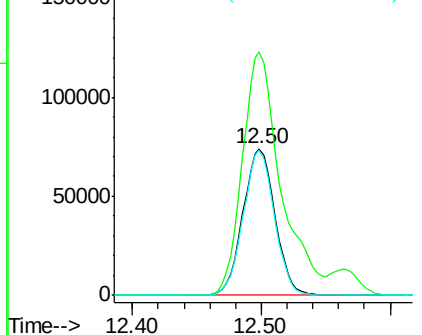
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.998 ug/l

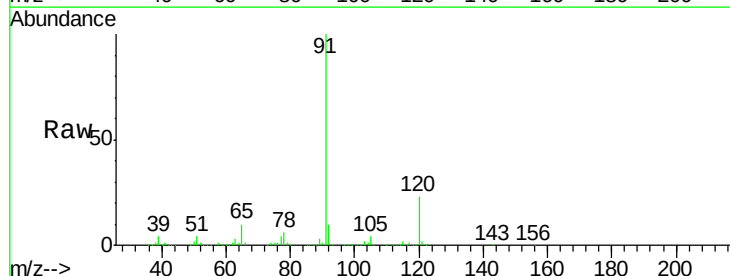
RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064957.D

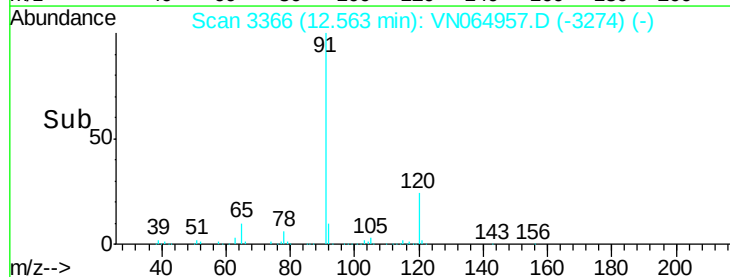
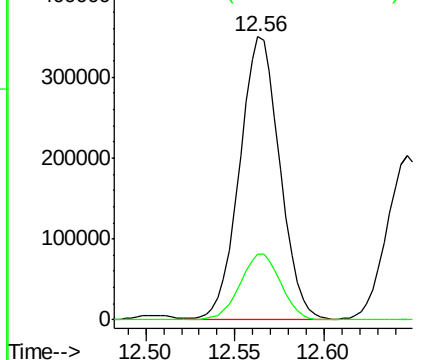
Acq: 7 Dec 2020 20:00

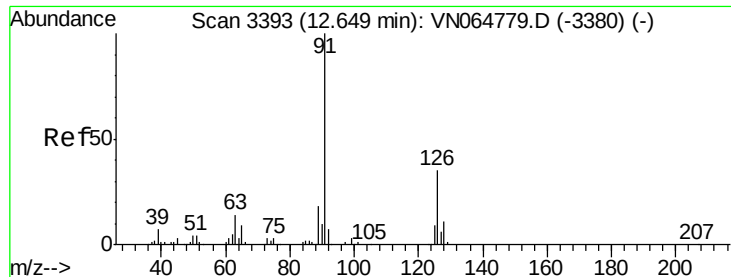
Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.8	11.6	34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





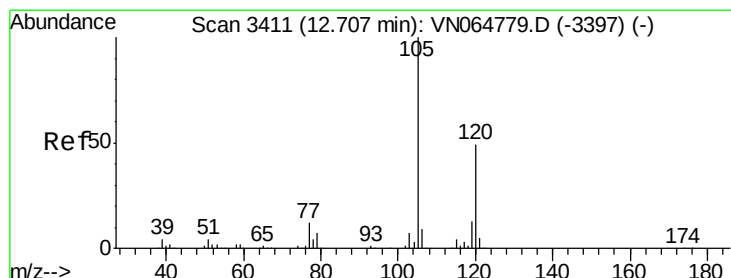
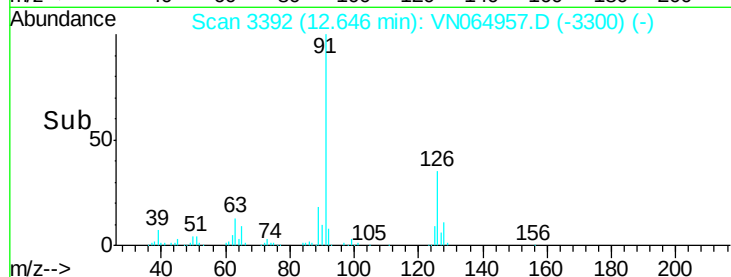
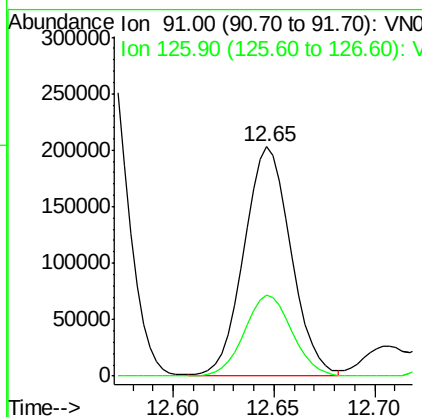
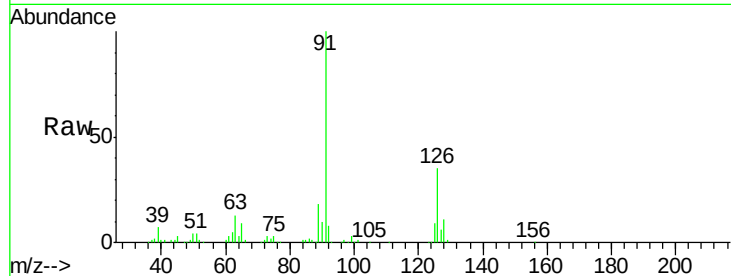
#79
 2-Chlorotoluene
 Concen: 47.651 ug/l
 RT: 12.65 min Scan# 3392
 Delta R.T. -0.00 min
 Lab File: VN064957.D
 Acq: 7 Dec 2020 20:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 328217
 Ion Ratio Lower Upper
 91 100
 126 36.4 17.2 51.6

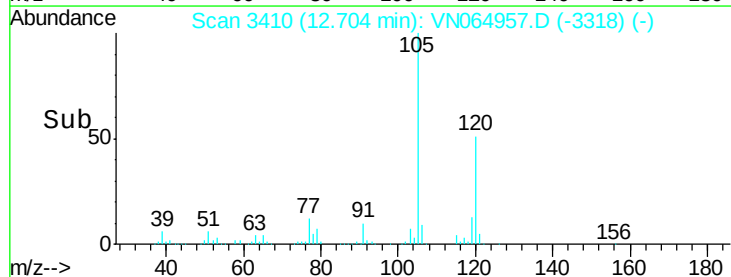
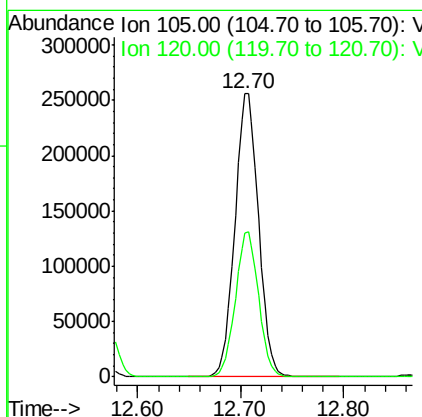
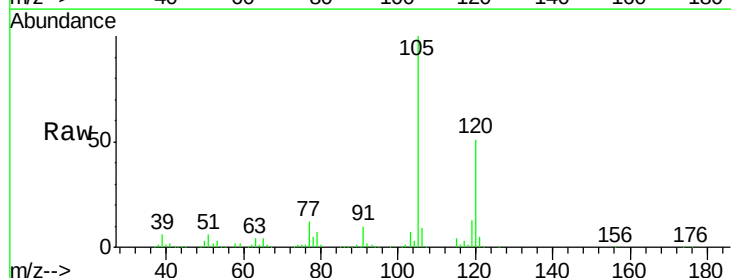
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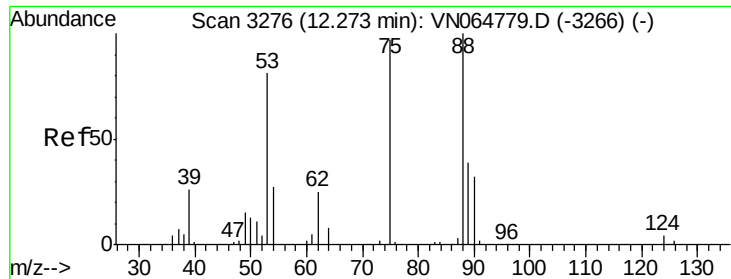
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#80
 1,3,5-Trimethylbenzene
 Concen: 50.337 ug/l
 RT: 12.70 min Scan# 3410
 Delta R.T. -0.00 min
 Lab File: VN064957.D
 Acq: 7 Dec 2020 20:00

Tgt Ion: 105 Resp: 409247
 Ion Ratio Lower Upper
 105 100
 120 50.2 24.6 73.6





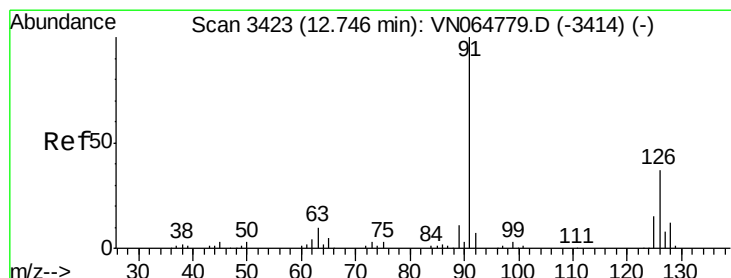
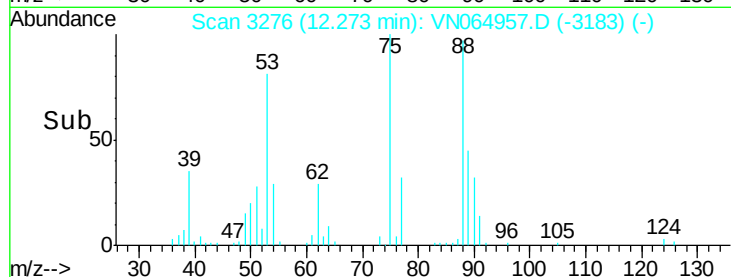
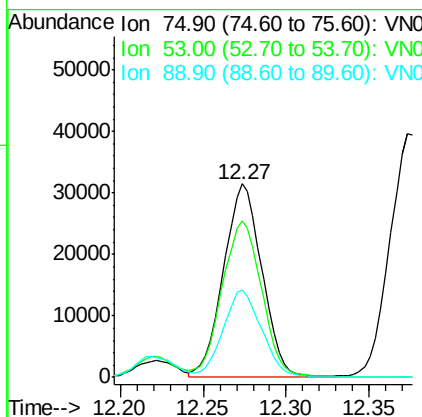
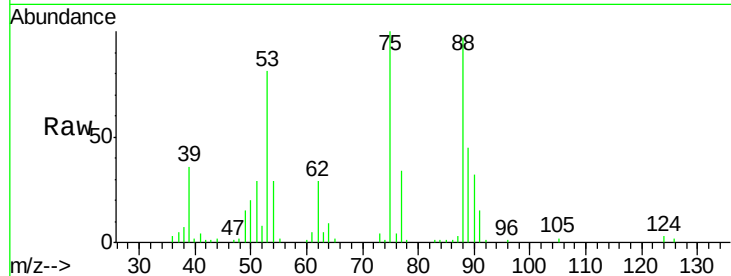
#81
trans-1,4-Dichloro-2-butene
Concen: 46.241 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. 0.00 min
Lab File: VN064957.D
Acq: 7 Dec 2020 20:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	83.4	67.0	100.4
89	45.0	39.6	59.4

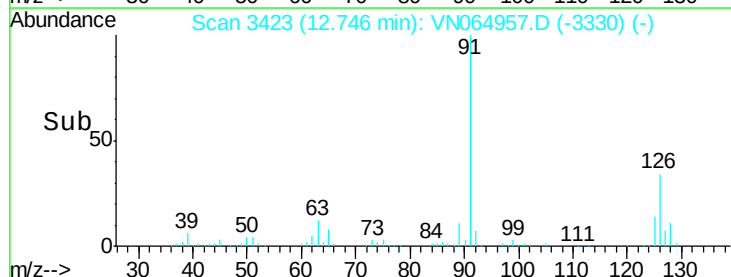
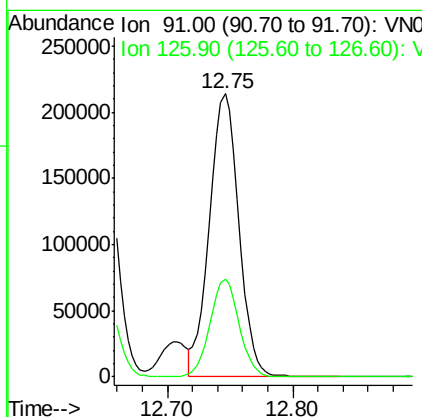
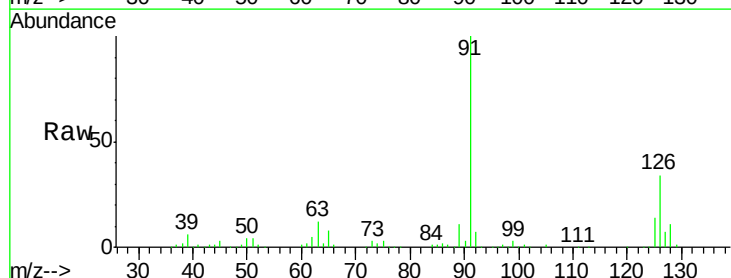
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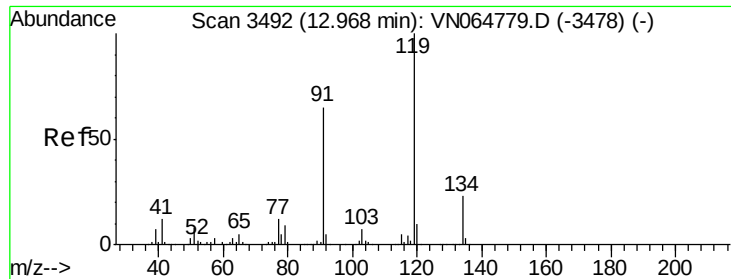
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#82
4-Chlorotoluene
Concen: 48.076 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN064957.D
Acq: 7 Dec 2020 20:00

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.3	16.9	50.7





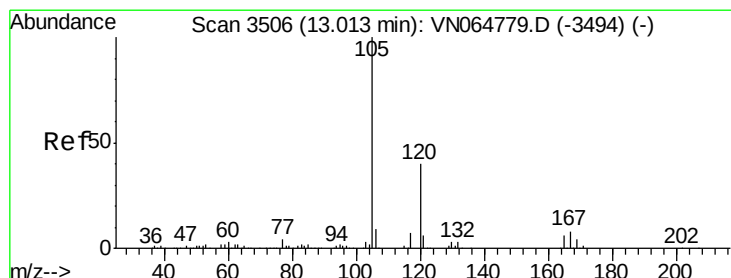
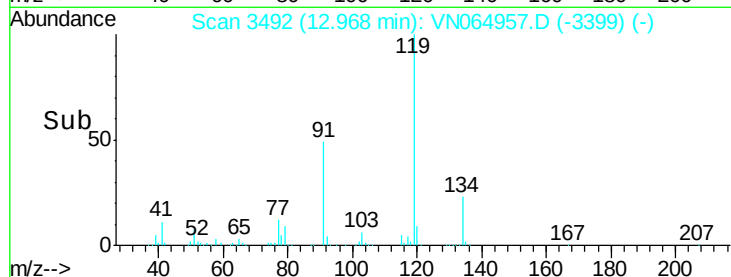
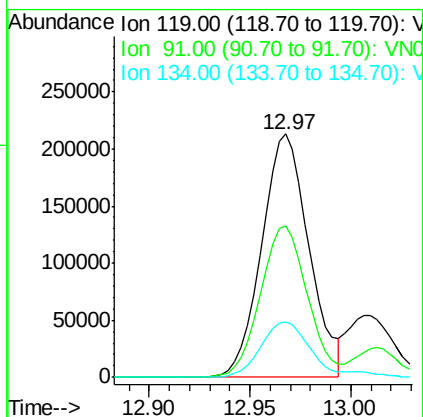
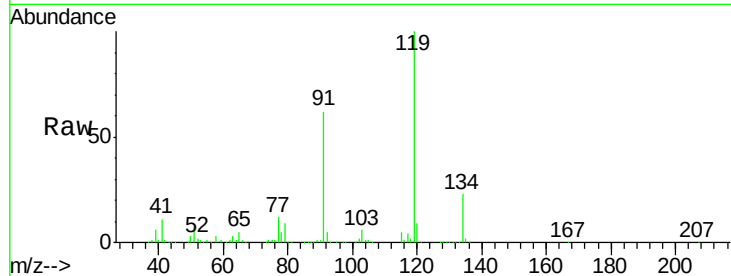
#83
 tert-Butylbenzene
 Concen: 51.050 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064957.D
 Acq: 7 Dec 2020 20:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.6	32.3	96.8
134	23.4	12.6	37.6

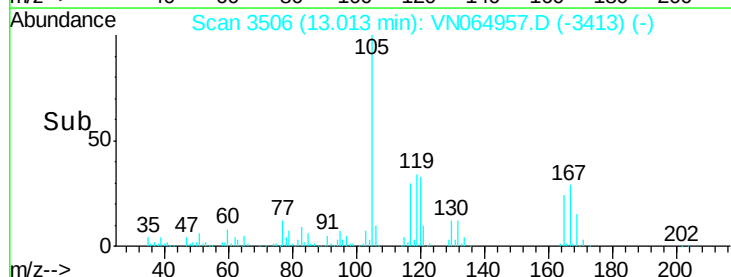
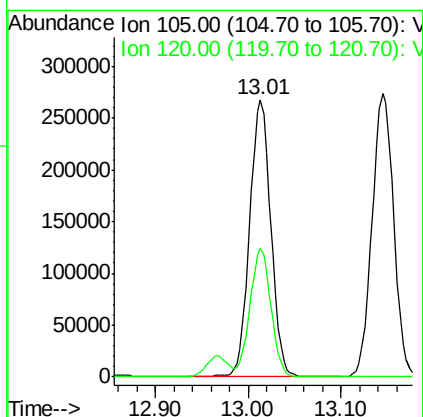
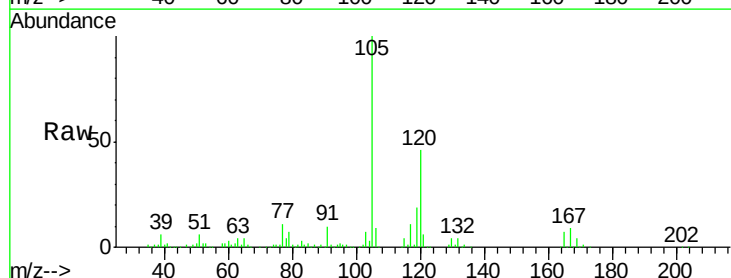
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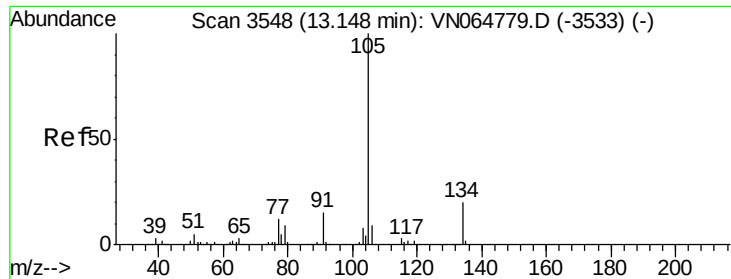
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.733 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064957.D
 Acq: 7 Dec 2020 20:00

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.1	69.2





#85

sec-Butylbenzene

Concen: 48.477 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064957.D

Acq: 7 Dec 2020 20:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 438625

Ion Ratio Lower Upper

105 100

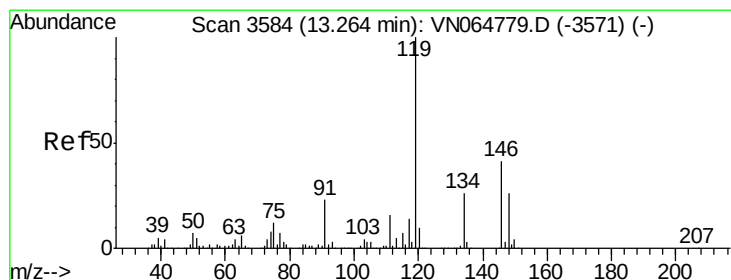
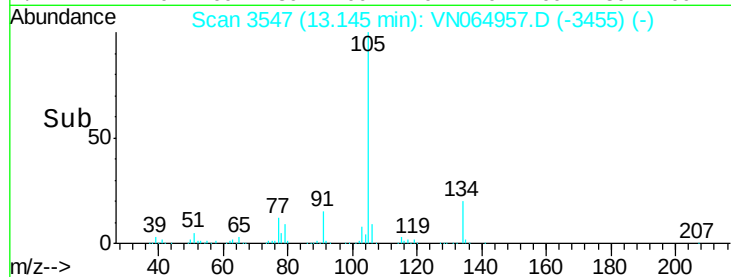
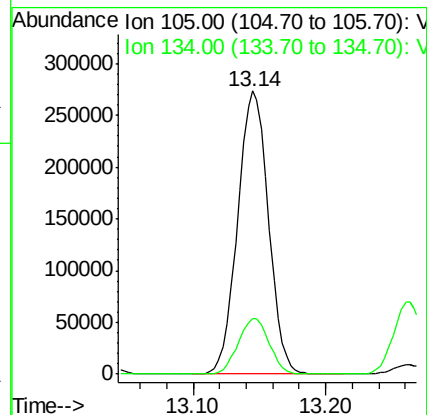
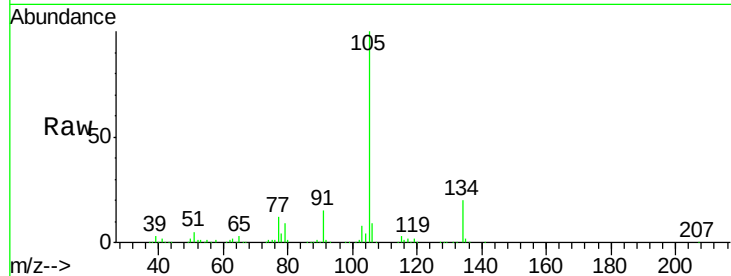
134 19.8 10.1 30.1

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 49.624 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN064957.D

Acq: 7 Dec 2020 20:00

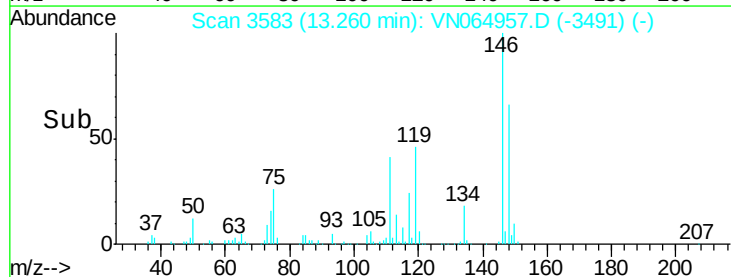
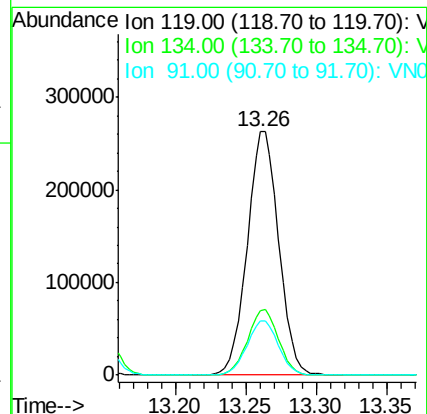
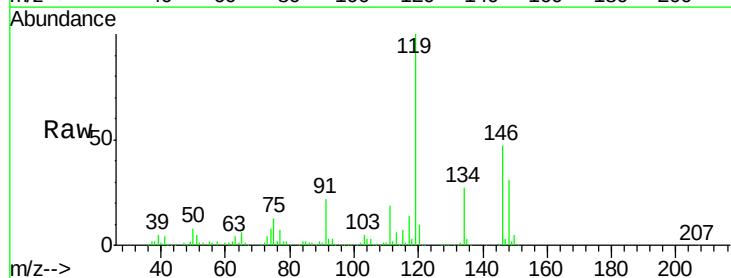
Tgt Ion:119 Resp: 408782

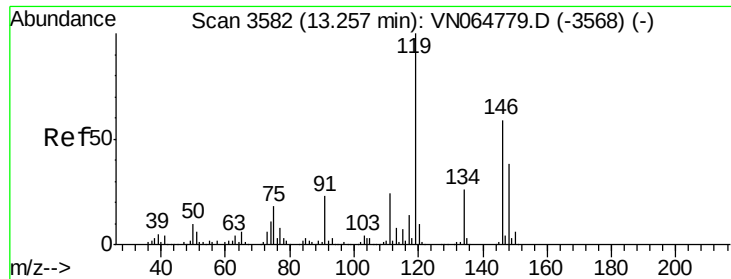
Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.1

91 22.6 11.5 34.5





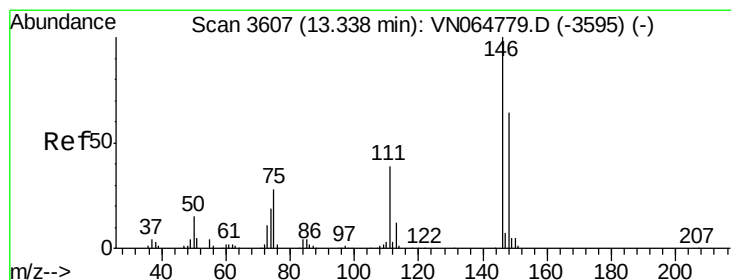
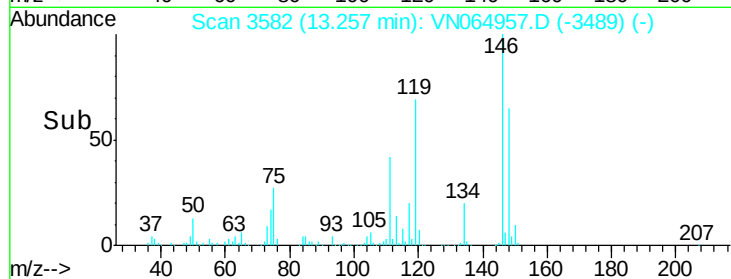
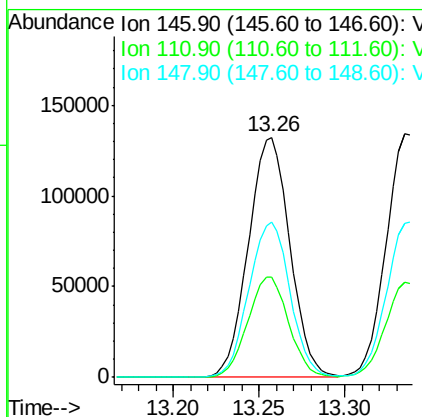
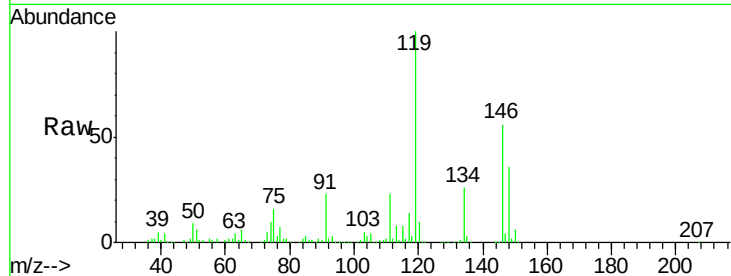
#87
 1,3-Dichlorobenzene
 Concen: 47.250 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064957.D
 Acq: 7 Dec 2020 20:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.6	61.9
148	64.4	31.9	95.5

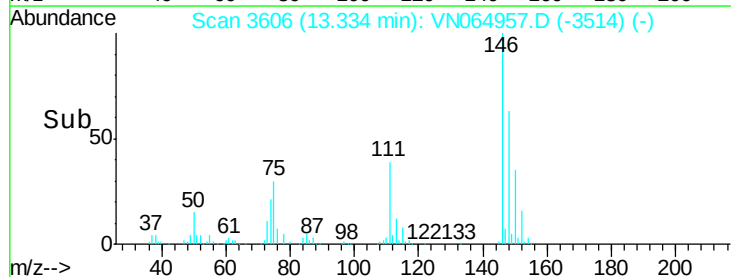
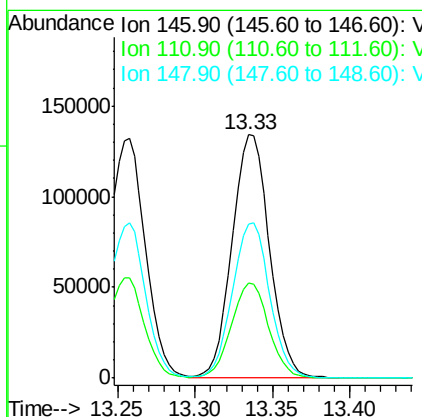
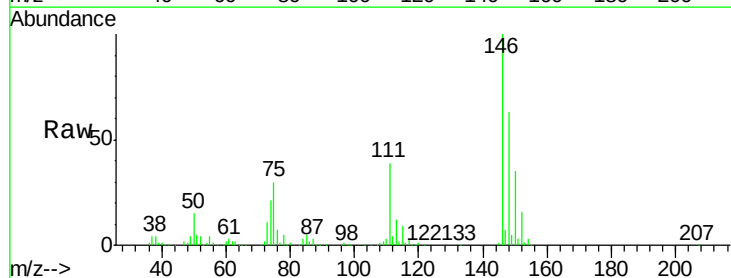
Manual Integrations
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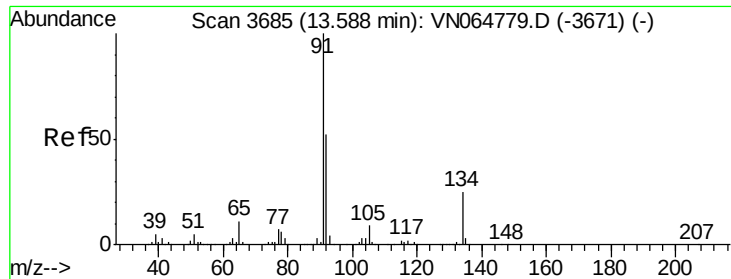
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#88
 1,4-Dichlorobenzene
 Concen: 45.163 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN064957.D
 Acq: 7 Dec 2020 20:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.8	59.3
148	63.9	31.9	95.5





#89

n-Butylbenzene

Concen: 45.216 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN064957.D

Acq: 7 Dec 2020 20:00

Instrument :

MSVOA_N

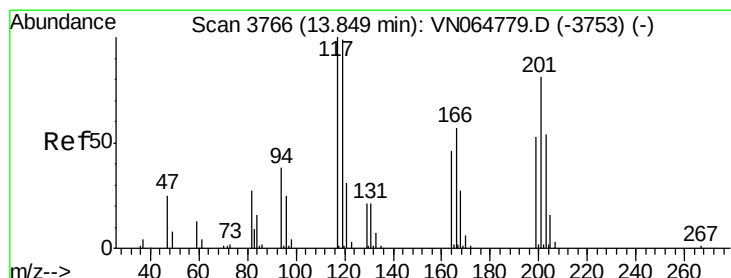
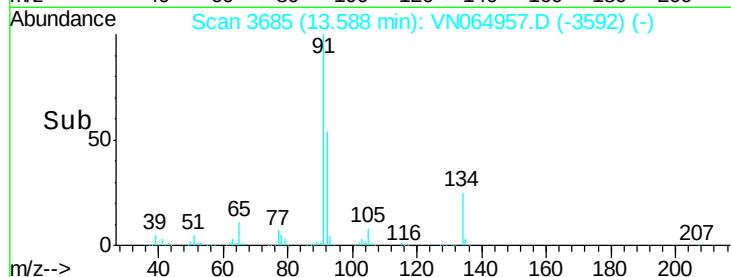
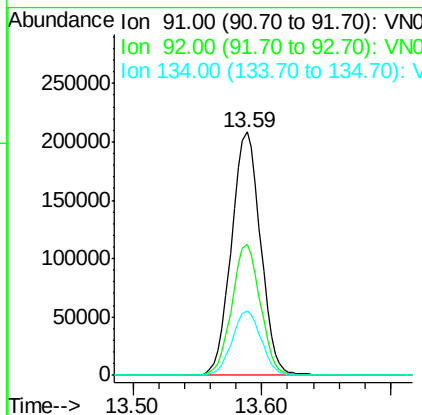
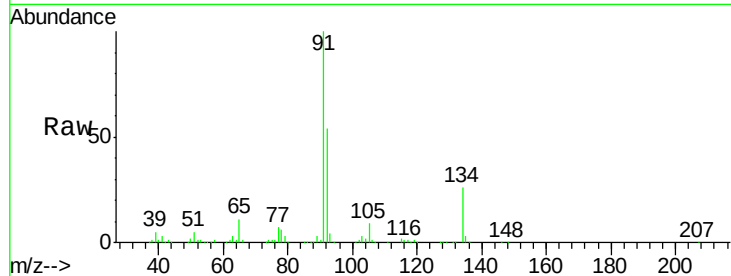
ClientSampleId :

VSTDCCC050EC

Tot Ion:	91	Resp:	327102
Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.0	78.0
134	26.5	12.9	38.6

Manual Integrations
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#90

Hexachloroethane

Concen: 49.372 ug/l

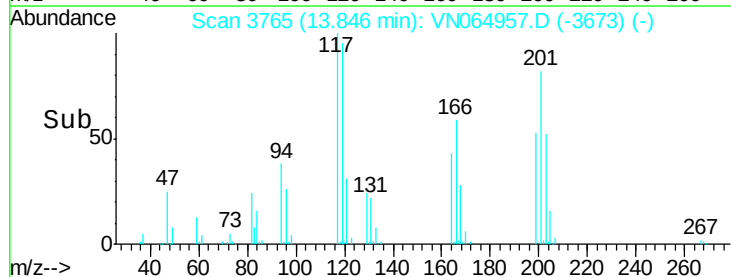
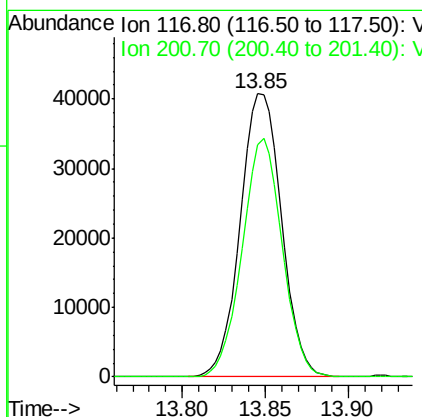
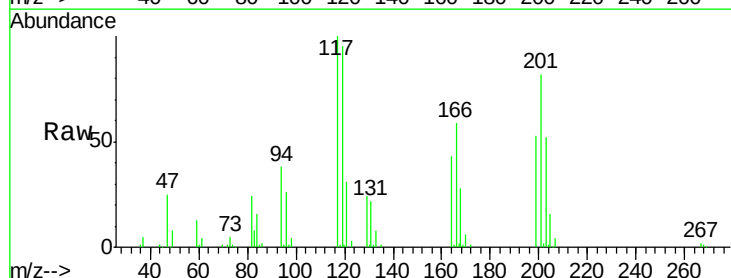
RT: 13.85 min Scan# 3765

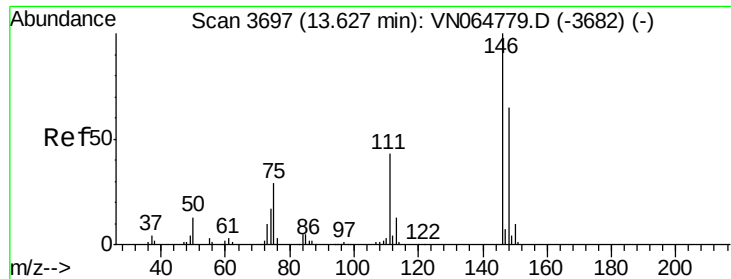
Delta R.T. -0.00 min

Lab File: VN064957.D

Acq: 7 Dec 2020 20:00

Tgt Ion:	117	Resp:	70653
Ion	Ratio	Lower	Upper
117	100		
201	81.4	40.1	120.3





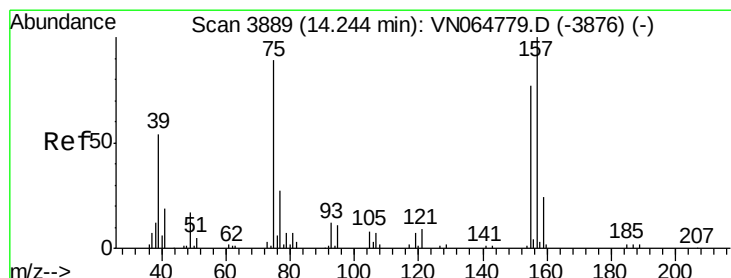
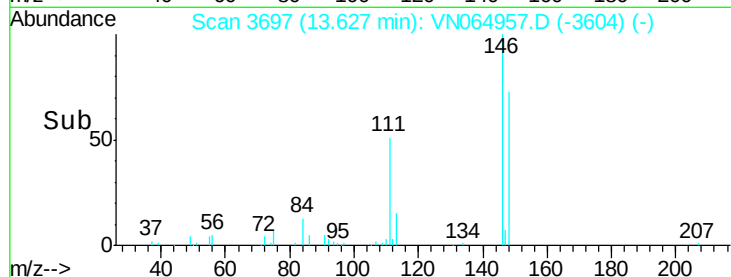
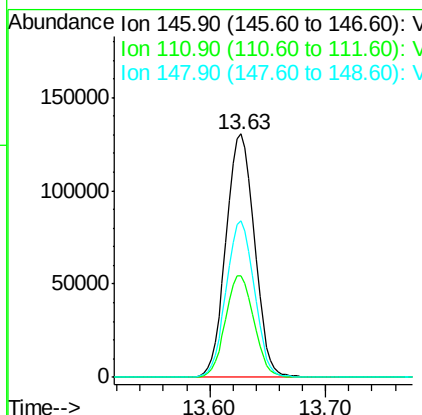
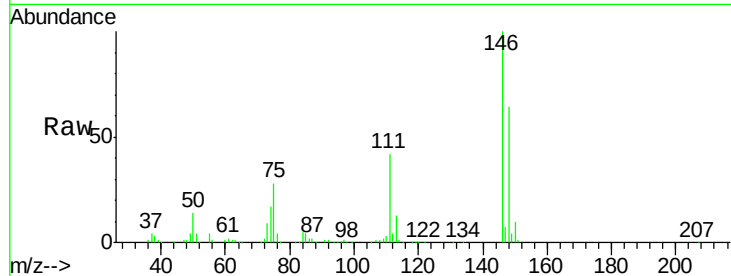
#91
 1,2-Dichlorobenzene
 Concen: 48.328 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064957.D
 Acq: 7 Dec 2020 20:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	222322		
111	41.5	21.1	63.1	
148	63.4	32.0	96.2	

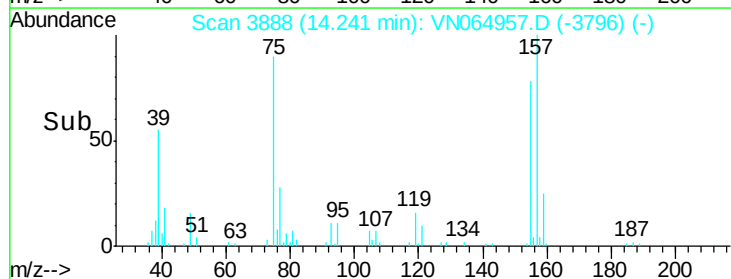
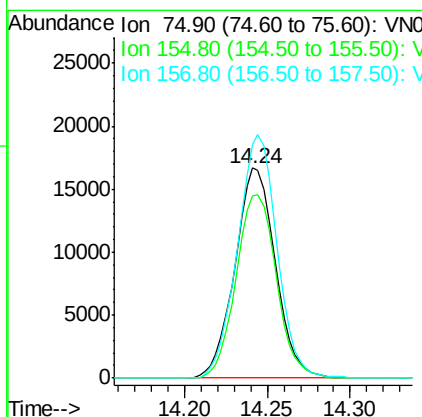
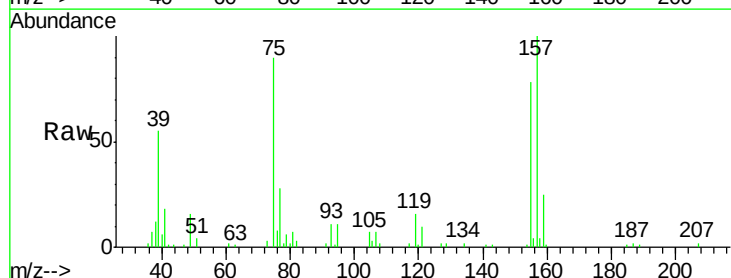
Manual Integrations
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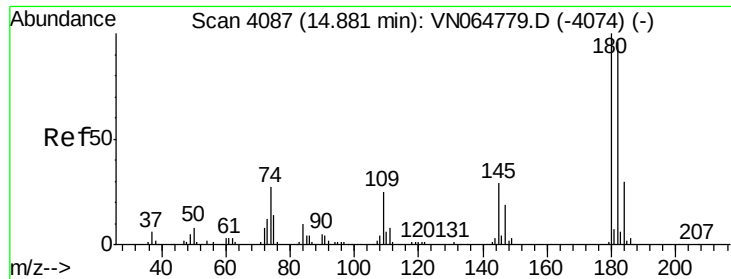
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.005 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064957.D
 Acq: 7 Dec 2020 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	28387		
155	86.8	42.8	128.3	
157	112.9	56.4	169.1	





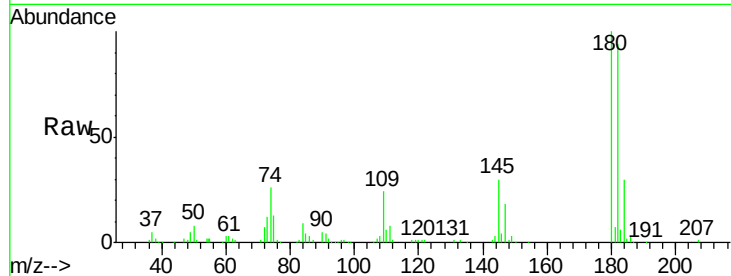
#93
 1,2,4-Trichlorobenzene
 Concen: 41.856 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064957.D
 Acq: 7 Dec 2020 20:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	119112		
182	96.4	47.6	142.9	
145	31.2	15.3	45.8	

Manual Integrations
 APPROVED

MMDadoda
 12/8/2020 5:04:16 PM

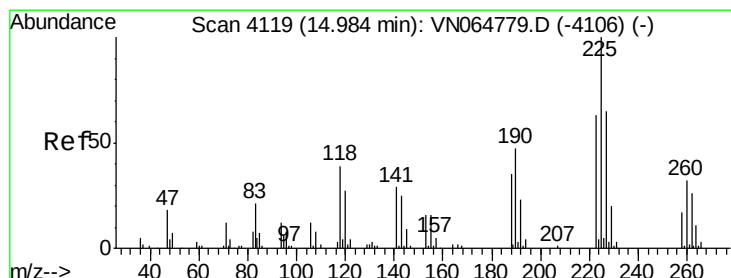
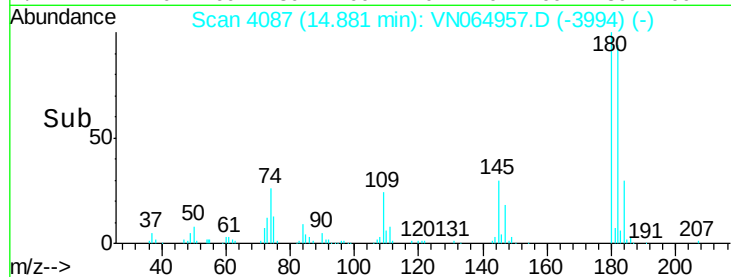
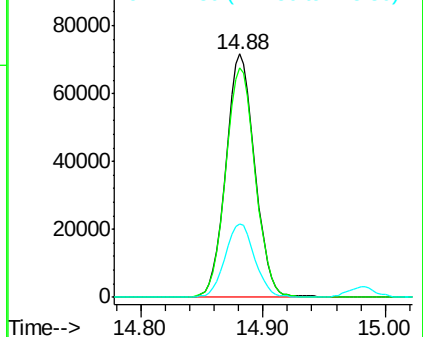


Abundance

Ion 179.80 (179.50 to 180.50): V

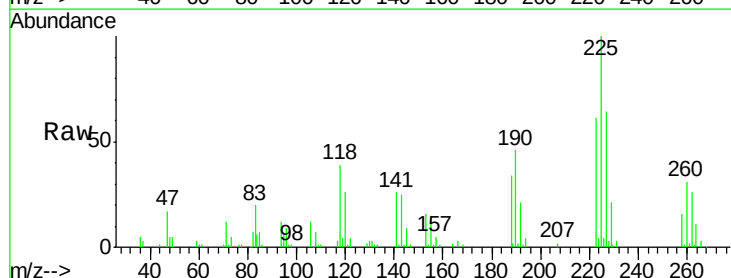
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 45.280 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064957.D
 Acq: 7 Dec 2020 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	57981		
223	61.7	31.0	93.0	
227	64.5	32.0	96.0	

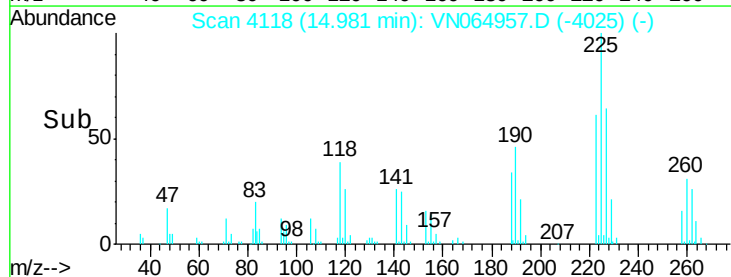
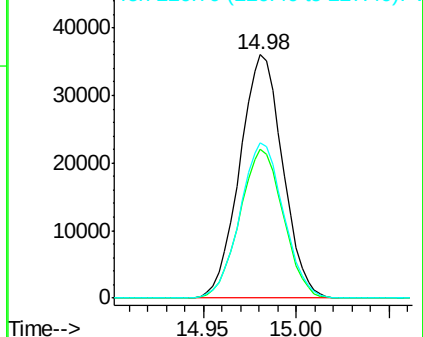


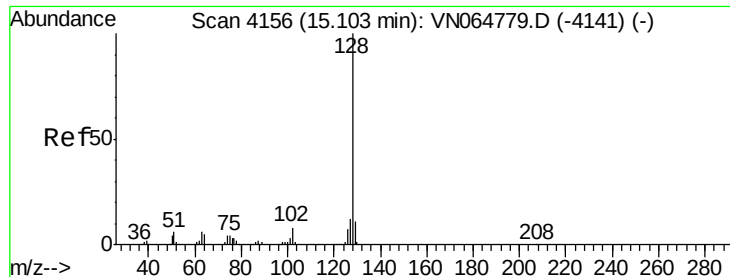
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





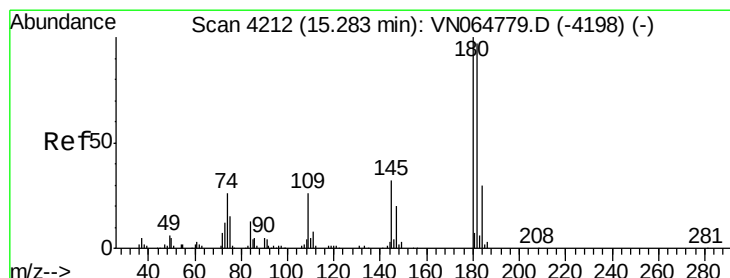
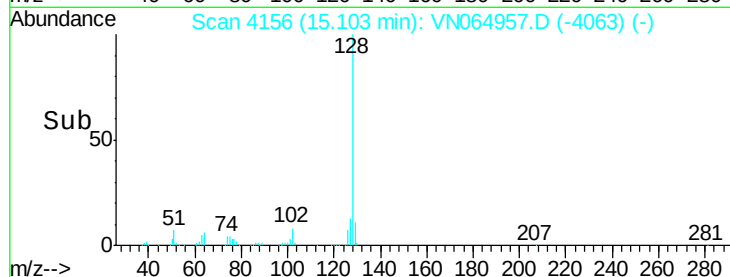
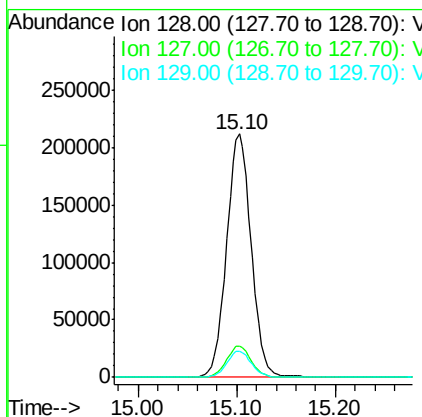
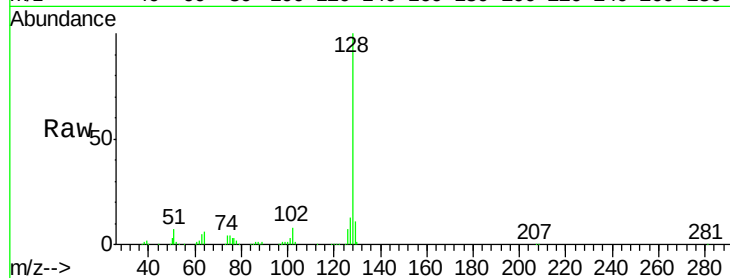
#95
Naphthalene
Concen: 43.334 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064957.D
Acq: 7 Dec 2020 20:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.8	8.7	13.1

Manual Integrations
APPROVED

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12/8/2020 5:04:16 PM



#96
1,2,3-Trichlorobenzene
Concen: 43.029 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064957.D
Acq: 7 Dec 2020 20:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	48.1	144.4
145	32.0	16.4	49.1

