

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120820\
 Data File : VN064959.D
 Acq On : 8 Dec 2020 10:30
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Quant Time: Dec 08 16:33:31 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

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 12/10/2020 9:55:42 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	225153	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	335517	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	302173	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	150384	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	107265	40.98	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	81.96%
35) Dibromofluoromethane	7.55	113	96307	47.97	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.94%
50) Toluene-d8	10.06	98	371795	45.32	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	90.64%
62) 4-Bromofluorobenzene	12.37	95	135188	46.05	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.10%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	76477	39.192	ug/l 98
3) Chloromethane	2.04	50	96508	38.059	ug/l 97
4) Vinyl Chloride	2.17	62	106212	40.175	ug/l 99
5) Bromomethane	2.52	94	70812	40.825	ug/l 98
6) Chloroethane	2.67	64	70293	42.988	ug/l 99
7) Trichlorofluoromethane	2.99	101	158561	43.388	ug/l 98
8) Diethyl Ether	3.37	74	63622	44.105	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	99669	45.464	ug/l 98
10) Methyl Iodide	3.90	142	115238	40.526	ug/l 99
11) Tert butyl alcohol	4.74	59	73975	181.216	ug/l 98
12) 1,1-Dichloroethene	3.69	96	94344	43.211	ug/l 99
13) Acrolein	3.56	56	67427	270.418	ug/l 97
14) Allyl chloride	4.27	41	155201	43.099	ug/l 98
15) Acrylonitrile	4.93	53	236580	209.790	ug/l 100
16) Acetone	3.77	43	209614	243.606	ug/l 96
17) Carbon Disulfide	4.00	76	225933	40.079	ug/l 100
18) Methyl Acetate	4.28	43	111028	42.917	ug/l 100
19) Methyl tert-butyl Ether	4.99	73	321791	45.955	ug/l 99
20) Methylene Chloride	4.50	84	112962	41.895	ug/l 97
21) trans-1,2-Dichloroethene	4.98	96	104383	43.052	ug/l 99
22) Diisopropyl ether	5.90	45	338670	46.987	ug/l 99
23) Vinyl Acetate	5.84	43	1310085	227.294	ug/l 100
24) 1,1-Dichloroethane	5.79	63	197667	45.888	ug/l 99
25) 2-Butanone	6.78	43	309790	222.095	ug/l 96
26) 2,2-Dichloropropane	6.77	77	169765	45.440	ug/l 100
27) cis-1,2-Dichloroethene	6.78	96	124037	45.464	ug/l 99
28) Bromochloromethane	7.14	49	80634	40.918	ug/l 97
29) Tetrahydrofuran	7.16	42	190484	197.832	ug/l 98
30) Chloroform	7.33	83	201174	45.287	ug/l 98
31) Cyclohexane	7.61	56	149310	40.927	ug/l 99
32) 1,1,1-Trichloroethane	7.52	97	173872	45.573	ug/l 98
36) 1,1-Dichloropropene	7.75	75	148955	47.897	ug/l 100
37) Ethyl Acetate	6.88	43	124644	41.608	ug/l 98
38) Carbon Tetrachloride	7.73	117	155690	48.114	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	148713	44.421	ug/l	95
40) Benzene	8.00	78	448217	47.033	ug/l	98
41) Methacrylonitrile	7.12	41	65960	47.719	ug/l #	83
42) 1,2-Dichloroethane	8.08	62	146729	45.641	ug/l	99
43) Isopropyl Acetate	8.12	43	209796	43.522	ug/l #	91
44) Trichloroethene	8.80	130	129019	45.885	ug/l	96
45) 1,2-Dichloropropane	9.08	63	119931	48.596	ug/l	99
46) Dibromomethane	9.17	93	78040	47.333	ug/l	99
47) Bromodichloromethane	9.37	83	161809	48.775	ug/l	97
48) Methyl methacrylate	9.16	41	101731	44.166	ug/l	98
49) 1,4-Dioxane	9.16	88	36907	847.773	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	638063	220.484	ug/l	99
52) Toluene	10.12	92	284785	48.525	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	176966	47.894	ug/l	99
54) cis-1,3-Dichloropropene	9.80	75	195514	49.366	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	114641	47.503	ug/l	97
56) Ethyl methacrylate	10.40	69	158750	47.668	ug/l	99
57) 1,3-Dichloropropane	10.68	76	188509	47.352	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	404166	220.626	ug/l	100
59) 2-Hexanone	10.72	43	469866	225.603	ug/l	100
60) Dibromochloromethane	10.87	129	131529	49.030	ug/l	98
61) 1,2-Dibromoethane	10.97	107	114546	46.717	ug/l	99
64) Tetrachloroethene	10.60	164	131139	44.607	ug/l	99
65) Chlorobenzene	11.40	112	318044	49.012	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	121026	50.750	ug/l	100
67) Ethyl Benzene	11.48	91	539686	49.784	ug/l	99
68) m/p-Xylenes	11.59	106	425588	103.694	ug/l	97
69) o-Xylene	11.92	106	199722	51.280	ug/l	99
70) Styrene	11.94	104	347091	52.790	ug/l	99
71) Bromoform	12.10	173	89459	46.967	ug/l #	100
73) Isopropylbenzene	12.22	105	525356	50.224	ug/l	99
74) N-amyl acetate	12.04	43	185534	45.071	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	143948	46.951	ug/l	99
76) 1,2,3-Trichloropropane	12.52	75	139746m	43.150	ug/l	
77) Bromobenzene	12.50	156	136942	48.560	ug/l	97
78) n-propylbenzene	12.56	91	591419	49.631	ug/l	98
79) 2-Chlorotoluene	12.65	91	357195	48.492	ug/l	99
80) 1,3,5-Trimethylbenzene	12.70	105	446012	51.298	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	53154	44.983	ug/l	96
82) 4-Chlorotoluene	12.75	91	379843	49.196	ug/l	99
83) tert-Butylbenzene	12.96	119	369635	50.720	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	451778	51.392	ug/l	100
85) sec-Butylbenzene	13.14	105	477267	49.324	ug/l	100
86) p-Isopropyltoluene	13.26	119	443991	50.400	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	246083	49.115	ug/l	98
88) 1,4-Dichlorobenzene	13.33	146	245839	46.396	ug/l	100
89) n-Butylbenzene	13.59	91	370558	47.898	ug/l	99
90) Hexachloroethane	13.85	117	74908	48.948	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	234495	47.665	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	28351	41.097	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	128980	42.382	ug/l	99
94) Hexachlorobutadiene	14.98	225	64647	47.193	ug/l	99
95) Naphthalene	15.10	128	372091	40.811	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	121855	42.353	ug/l	99

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

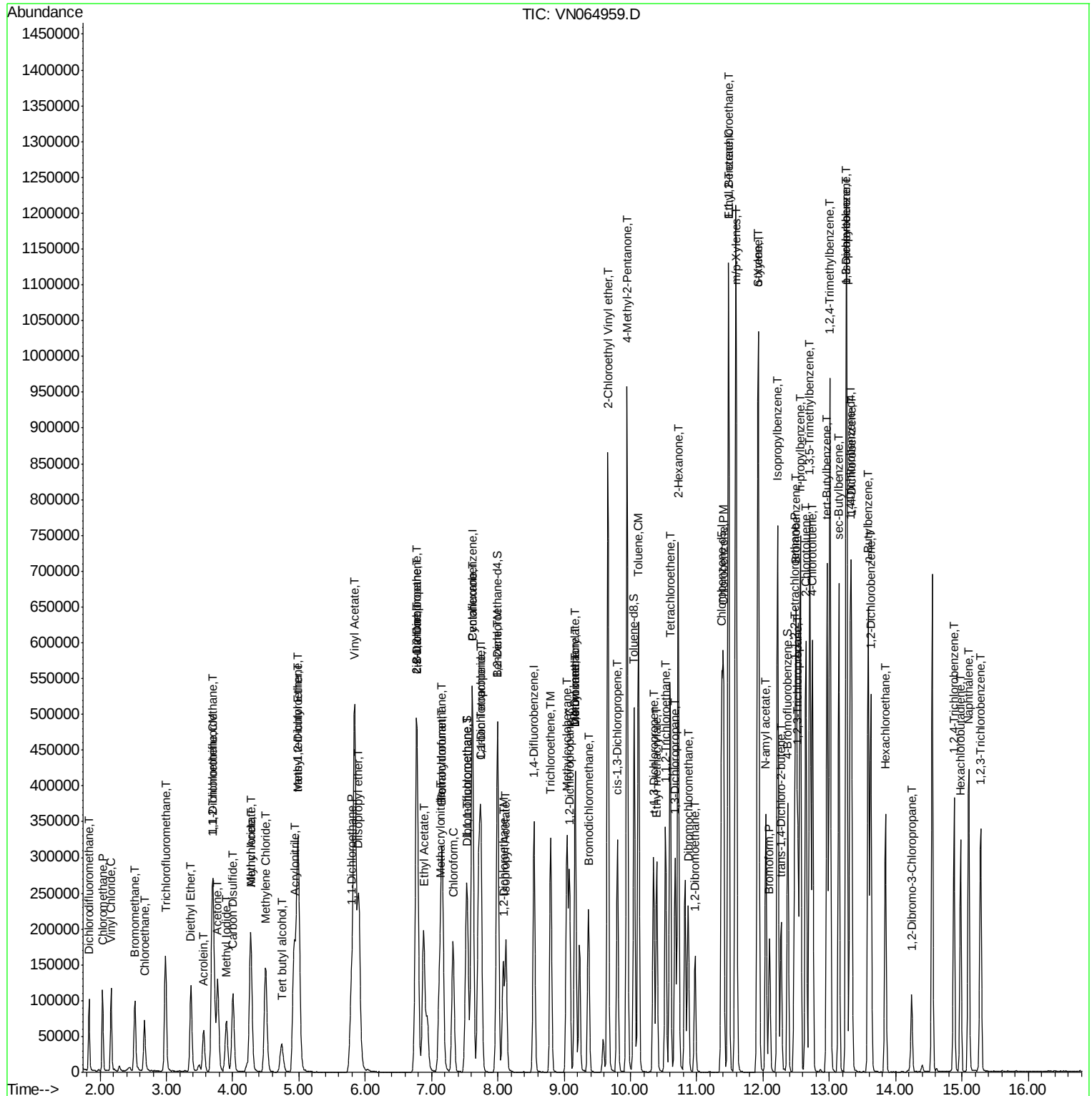
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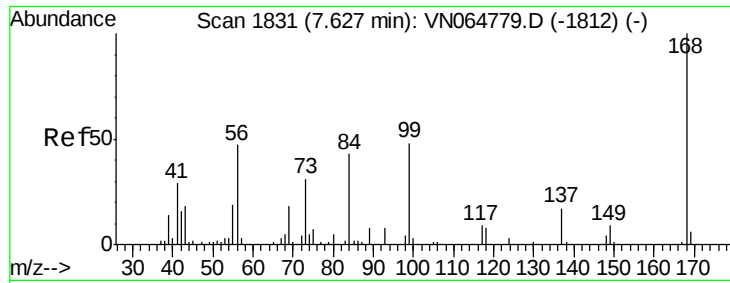
Instrument :
MSVOA_N
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VSTDCCC050

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.01 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

Tot Ion: 168 Resp: 225153

Ion Ratio Lower Upper

168 100

99 53.3 43.0 64.4

Instrument :

MSVOA_N

ClientSampled :

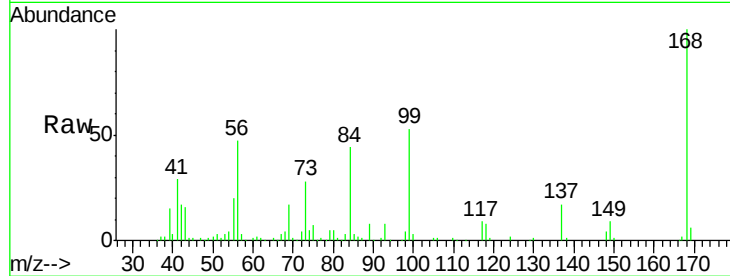
VSTDCCC050

Manual Integrations

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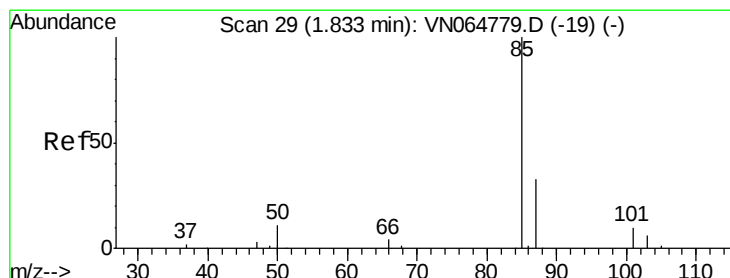
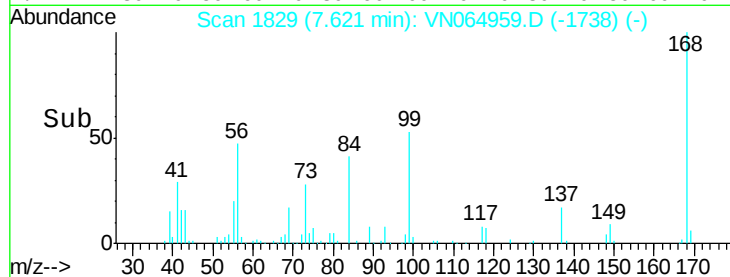
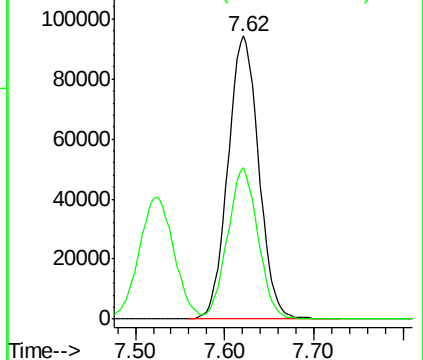
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 39.192 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064959.D

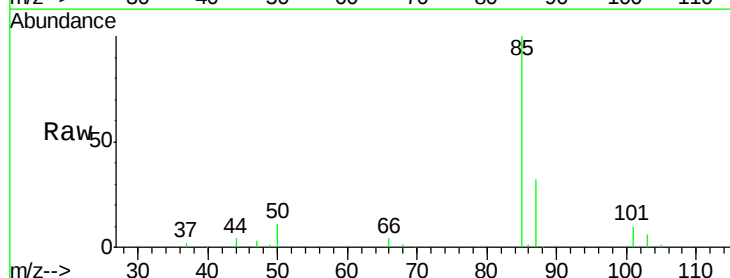
Acq: 8 Dec 2020 10:30

Tgt Ion: 85 Resp: 76477

Ion Ratio Lower Upper

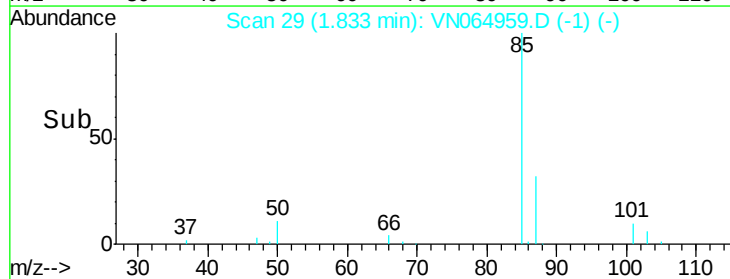
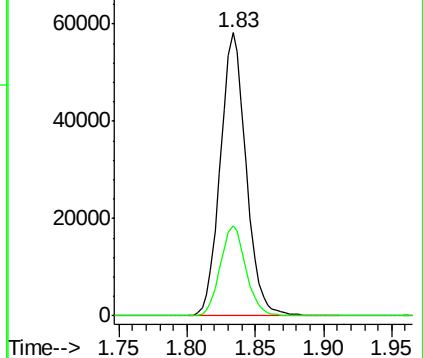
85 100

87 31.9 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 38.059 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

Tot Ion: 50 Resp: 96508

Ion Ratio Lower Upper

50 100

52 31.6 26.6 39.8

Instrument :

MSVOA_N

ClientSampleId :

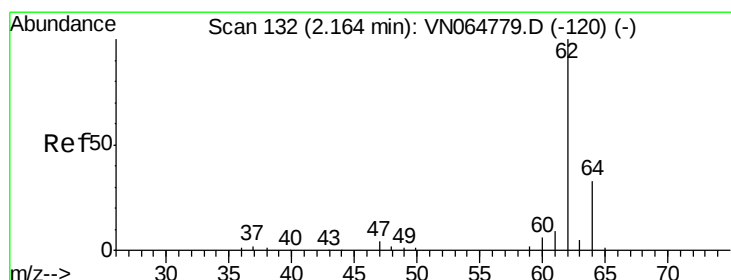
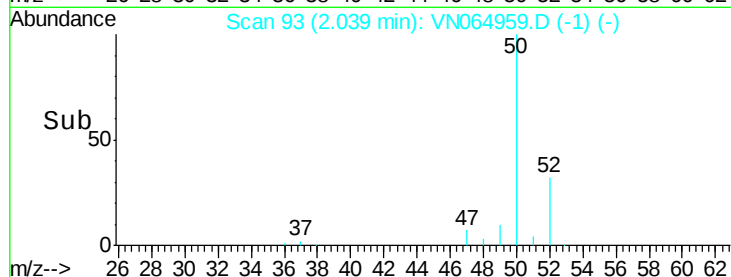
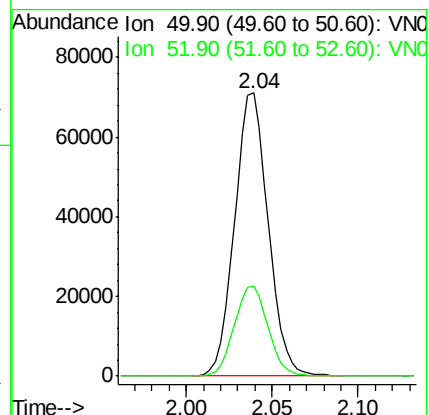
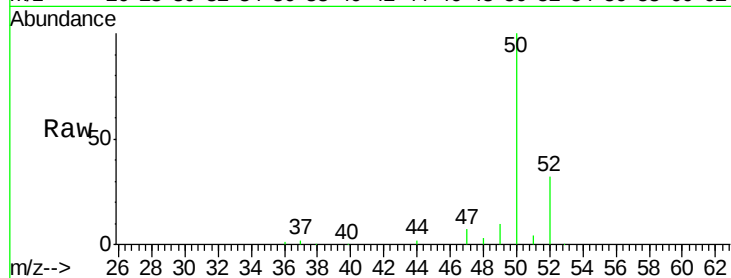
VSTDCCC050

Manual Integrations

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#4

Vinyl Chloride

Concen: 40.175 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN064959.D

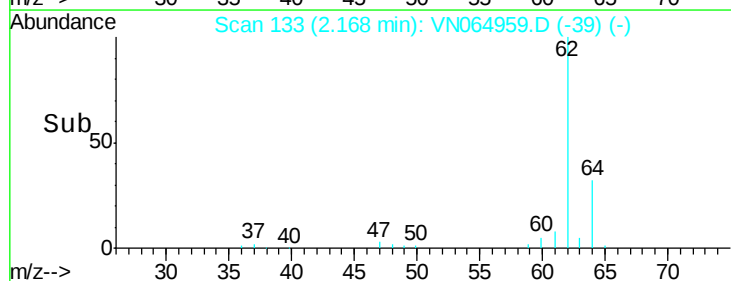
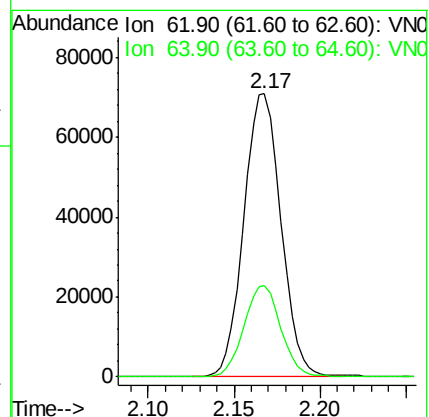
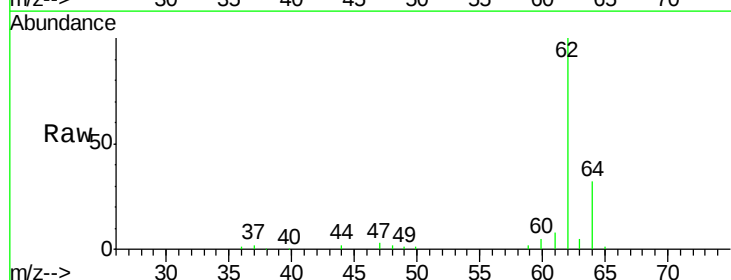
Acq: 8 Dec 2020 10:30

Tgt Ion: 62 Resp: 106212

Ion Ratio Lower Upper

62 100

64 32.4 26.5 39.7





#5

Bromomethane

Concen: 40.825 ug/l

RT: 2.52 min Scan# 244

Delta R.T. -0.00 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

Tot Ion: 94 Resp: 70812

Ion Ratio Lower Upper

94 100

96 92.3 75.4 113.0

Instrument :

MSVOA_N

ClientSampleId :

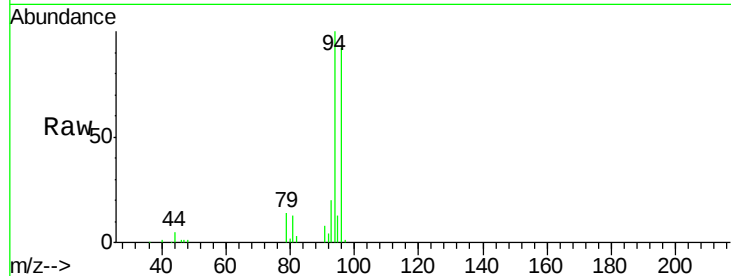
VSTDCCC050

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Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.52

40000

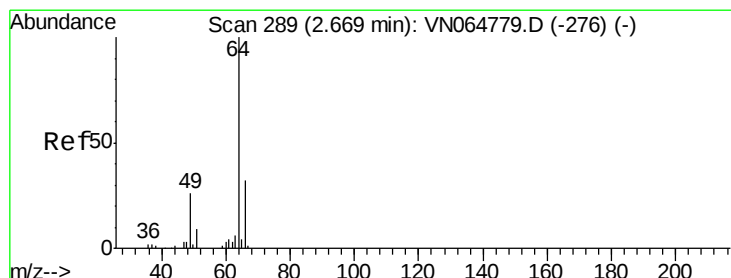
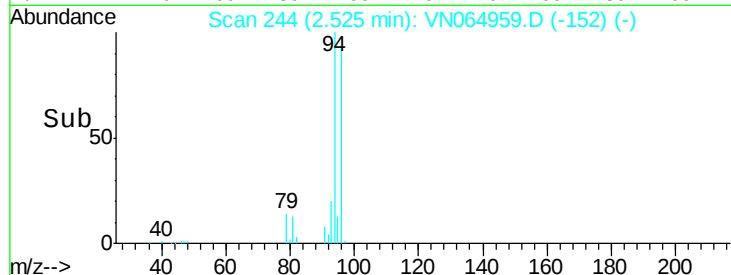
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: 42.988 ug/l

RT: 2.67 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN064959.D

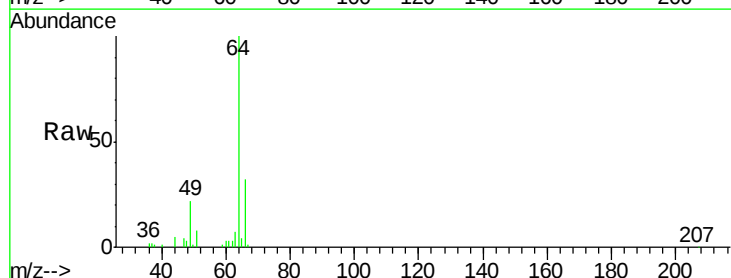
Acq: 8 Dec 2020 10:30

Tgt Ion: 64 Resp: 70293

Ion Ratio Lower Upper

64 100

66 32.3 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO

2.67

40000

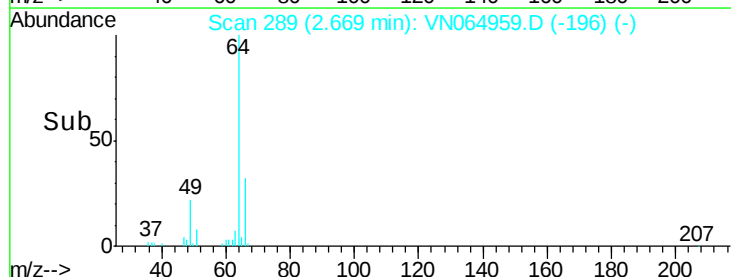
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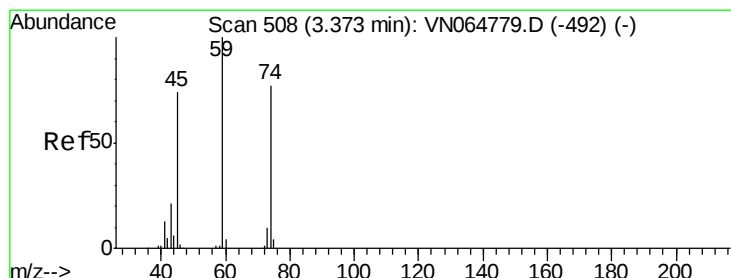
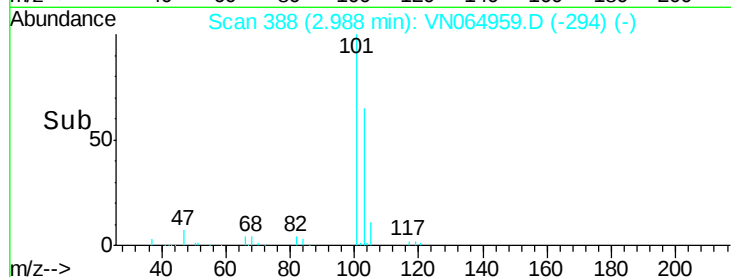
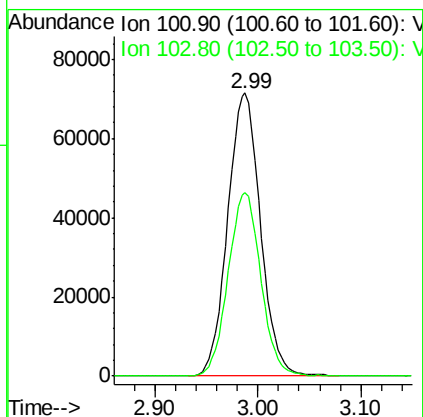
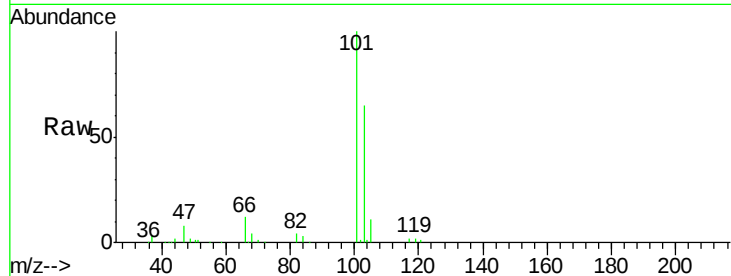
Trichlorofluoromethane
 Concen: 43.388 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN064959.D
 Acq: 8 Dec 2020 10:30

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	50.5	75.7

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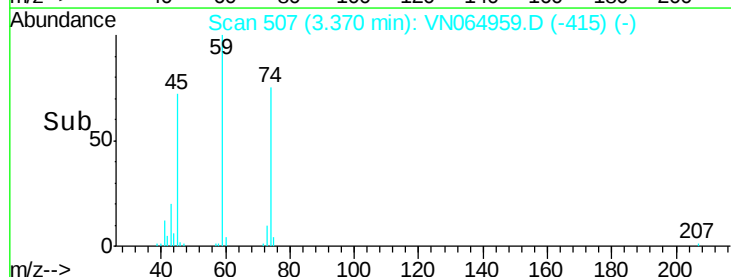
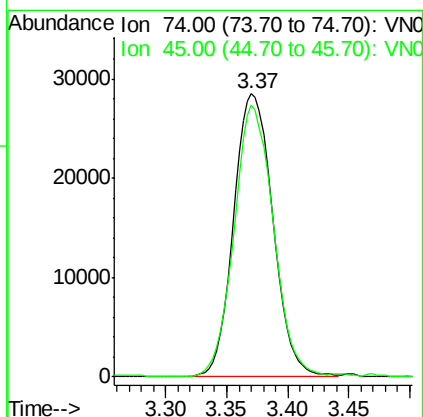
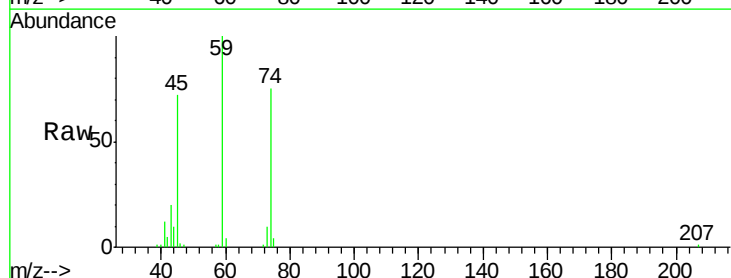
MMDadoda
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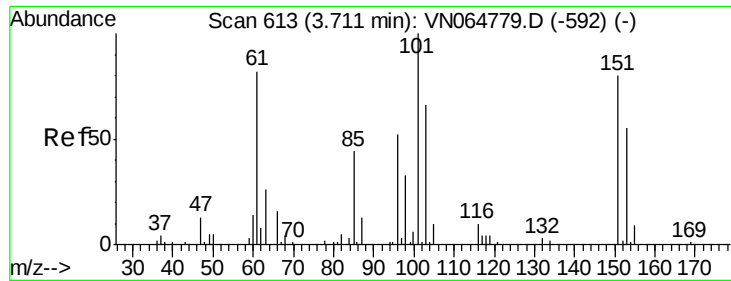


#8

Diethyl Ether
 Concen: 44.105 ug/l
 RT: 3.37 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: VN064959.D
 Acq: 8 Dec 2020 10:30

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.1	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.464 ug/l

RT: 3.71 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

Instrument :

MSVOA_N

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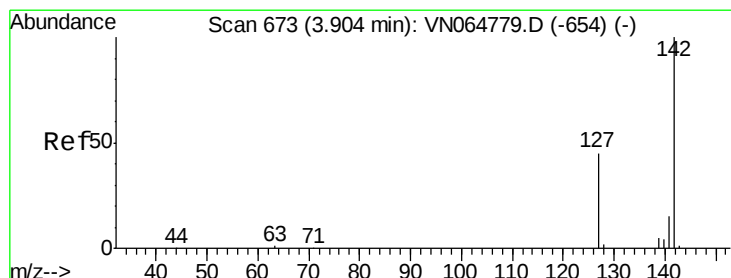
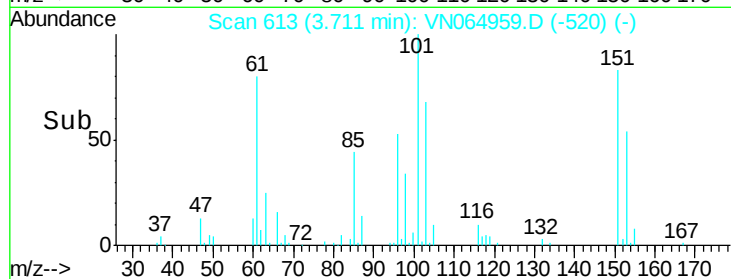
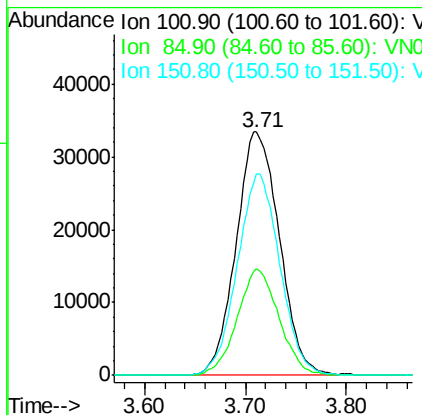
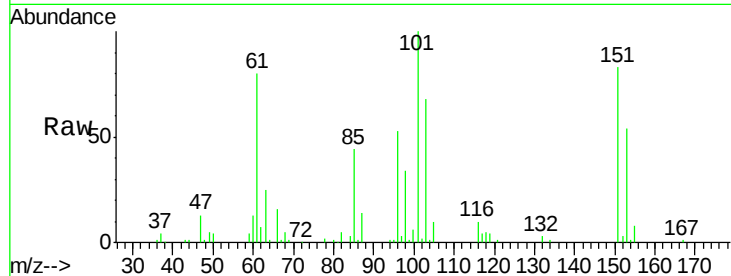
VSTDCCC050

Tot Ion:	101	Resp:	99669
Ion Ratio	Lower	Upper	
101	100		
85	41.9	34.4	51.6
151	81.3	64.0	96.0

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#10

Methyl Iodide

Concen: 40.526 ug/l

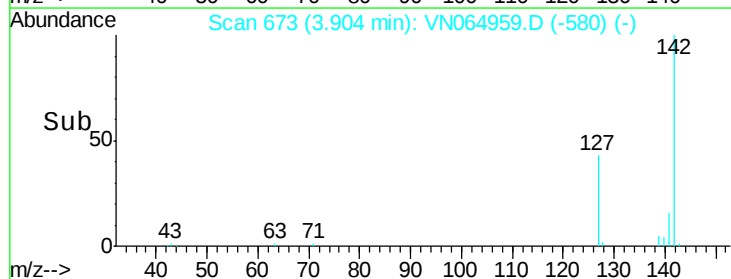
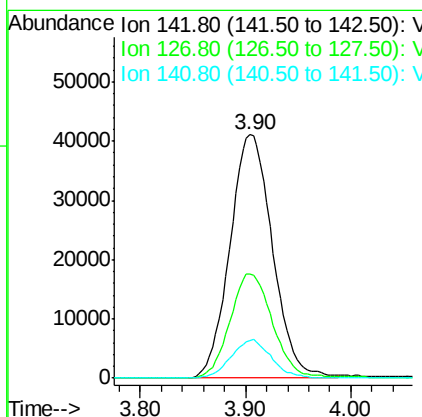
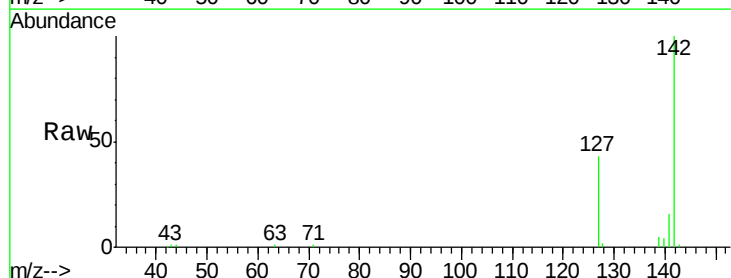
RT: 3.90 min Scan# 673

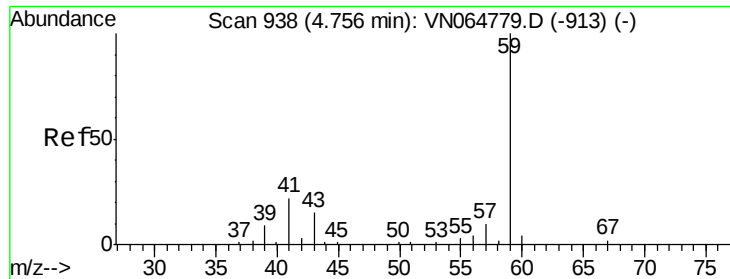
Delta R.T. 0.00 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

Tgt Ion:	142	Resp:	115238
Ion Ratio	Lower	Upper	
142	100		
127	42.8	35.0	52.6
141	14.8	11.8	17.6





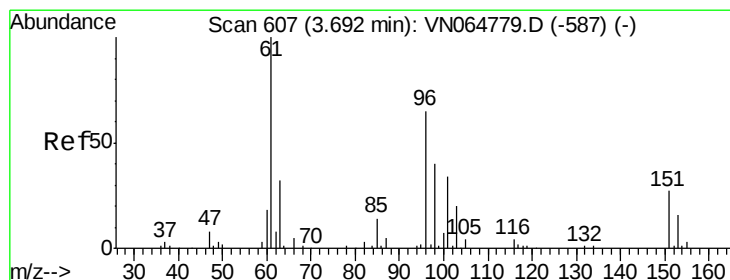
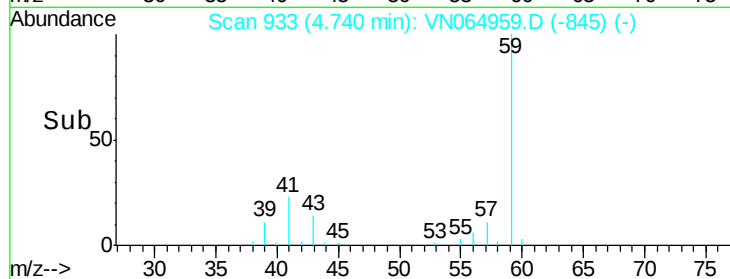
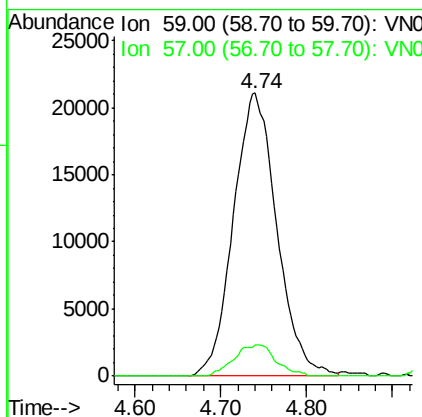
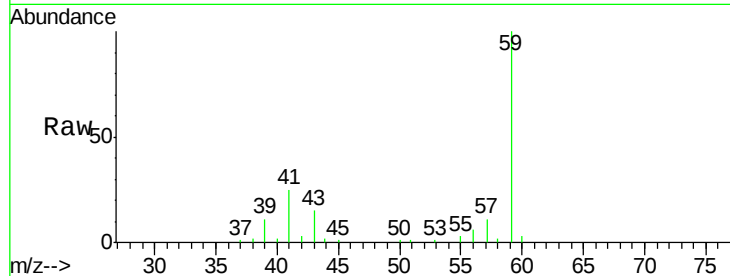
#11
Tert butyl alcohol
Concen: 181.216 ug/l
RT: 4.74 min Scan# 933
Delta R.T. -0.02 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 59 Resp: 73975
Ion Ratio Lower Upper
59 100
57 10.6 7.9 11.9

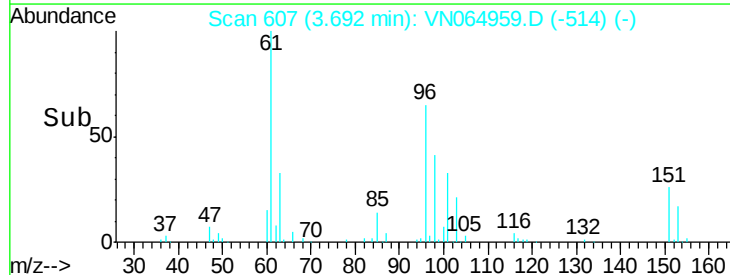
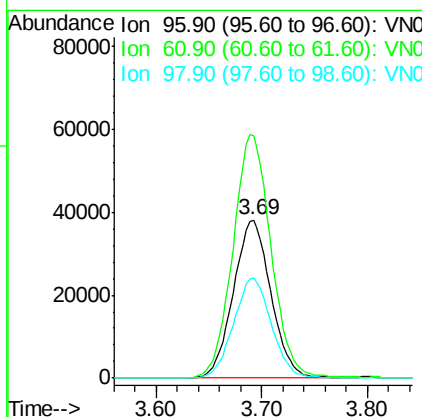
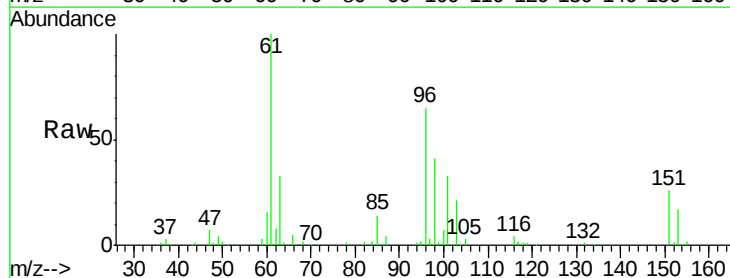
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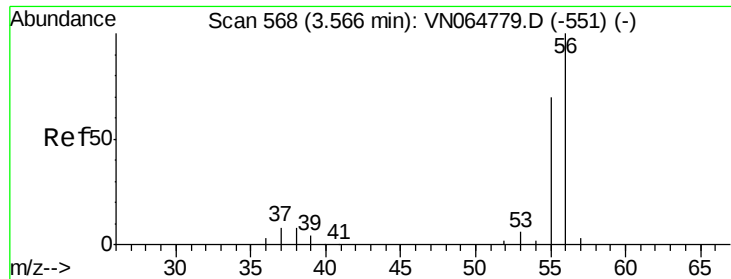
MMDadoda
12/10/2020 9:55:42 AM



#12
1,1-Dichloroethene
Concen: 43.211 ug/l
RT: 3.69 min Scan# 607
Delta R.T. 0.00 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

Tgt Ion: 96 Resp: 94344
Ion Ratio Lower Upper
96 100
61 153.6 123.4 185.2
98 63.6 49.8 74.8





#13

Acrolein

Concen: 270.418 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 67427

Ion Ratio Lower Upper

56 100

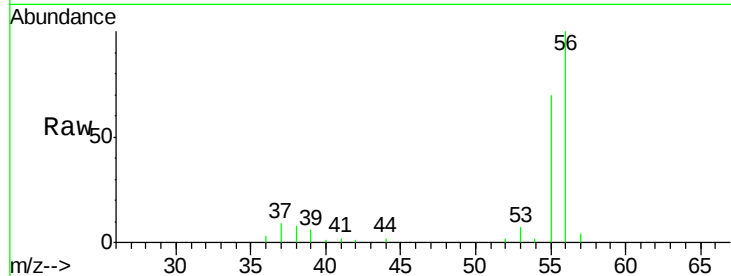
55 72.7 56.5 84.7

Manual Integrations

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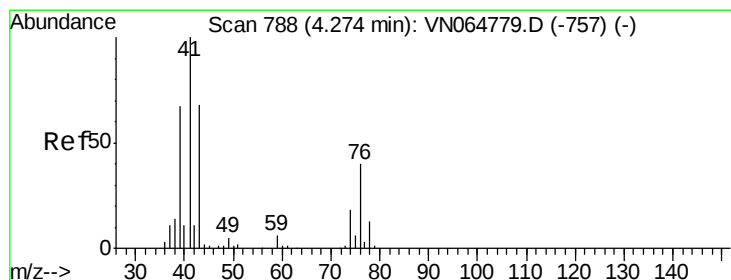
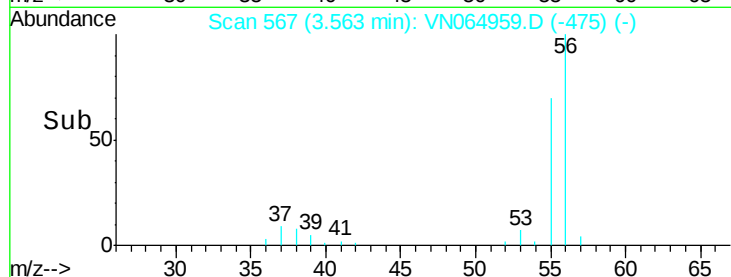
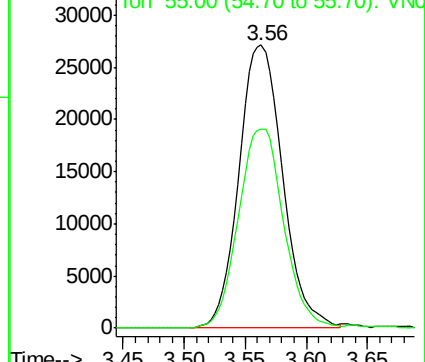
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 43.099 ug/l

RT: 4.27 min Scan# 787

Delta R.T. -0.00 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

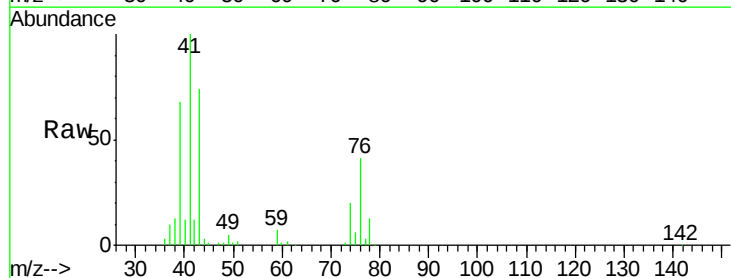
Tgt Ion: 41 Resp: 155201

Ion Ratio Lower Upper

41 100

39 61.6 50.9 76.3

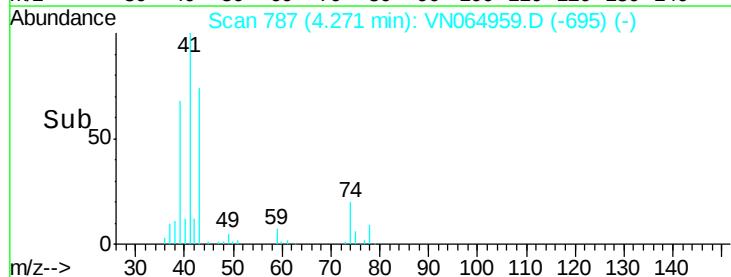
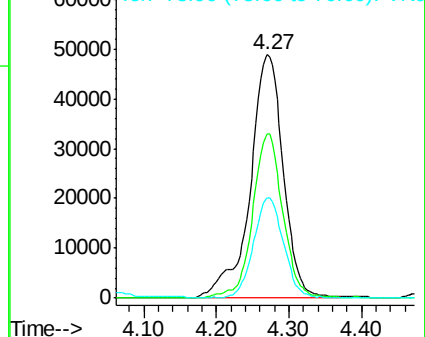
76 37.4 29.0 43.4



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





#15

Acrylonitrile

Concen: 209.790 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.01 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

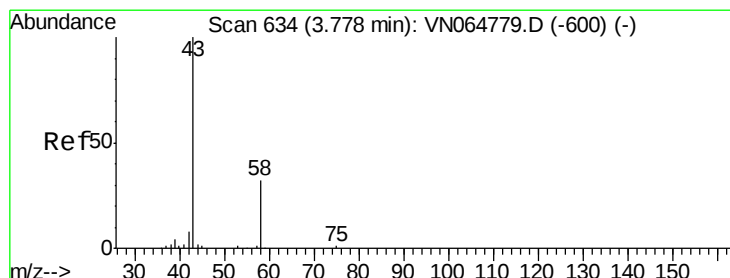
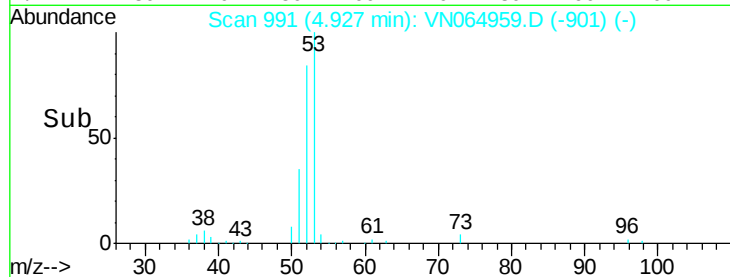
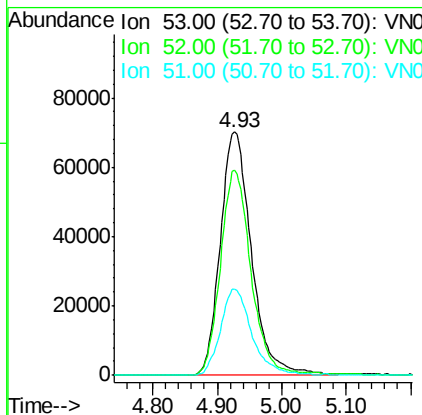
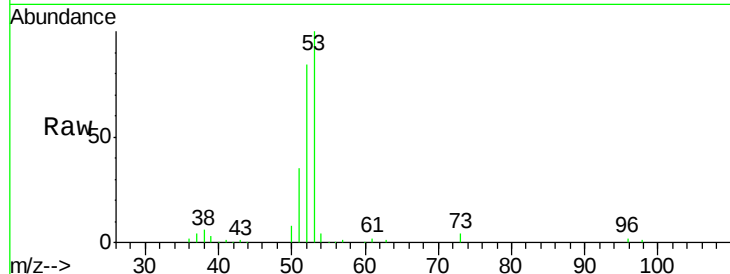
VSTDCCC050

Tot Ion:	53	Resp:	236580
Ion	Ratio	Lower	Upper
53	100		
52	81.9	65.5	98.3
51	35.8	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 243.606 ug/l

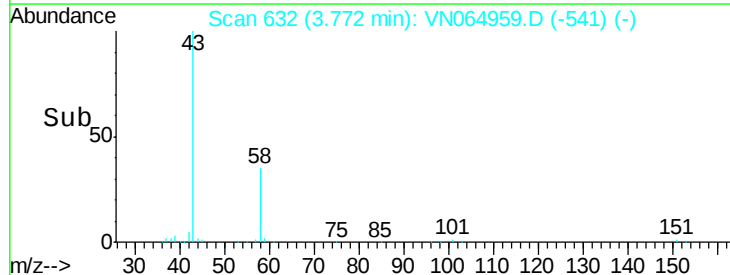
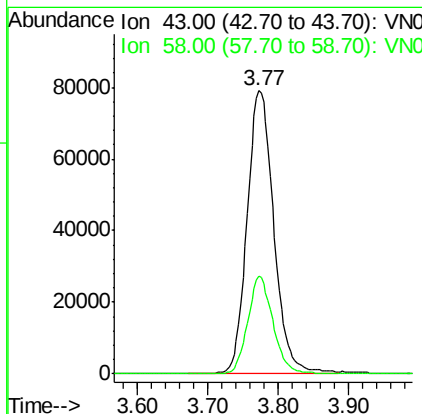
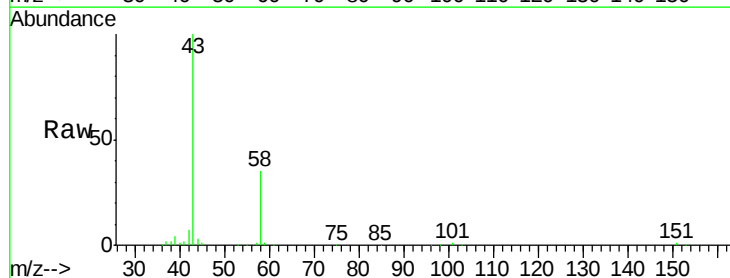
RT: 3.77 min Scan# 632

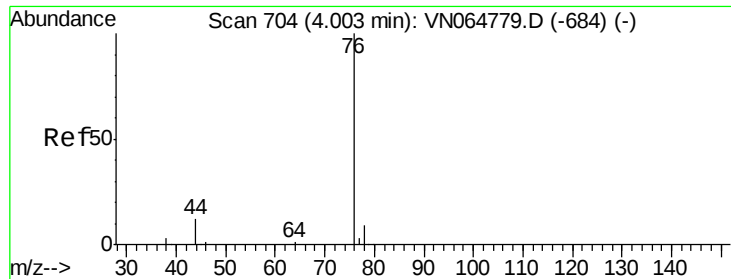
Delta R.T. -0.01 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

Tgt Ion:	43	Resp:	209614
Ion	Ratio	Lower	Upper
43	100		
58	34.5	25.7	38.5





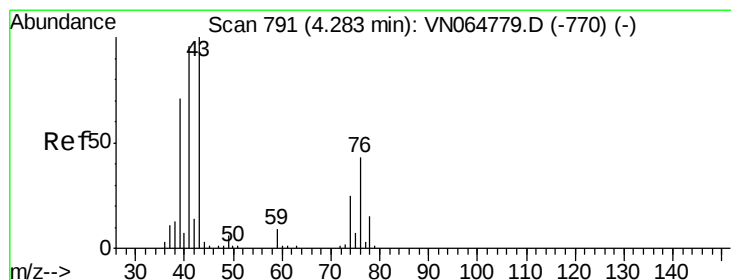
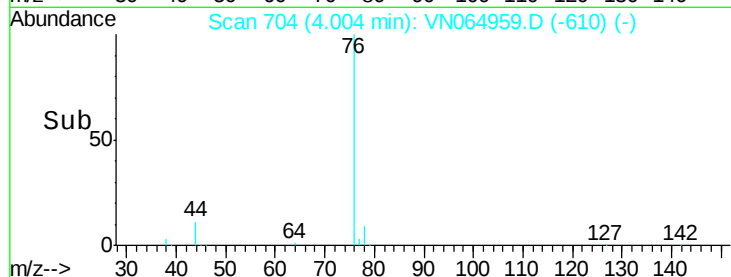
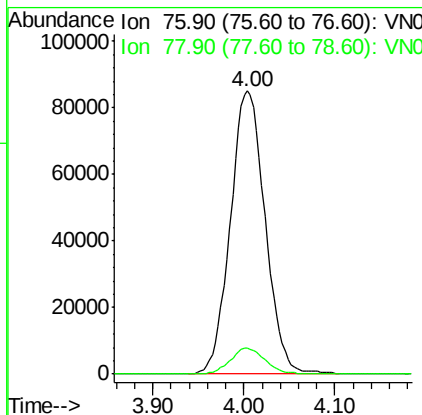
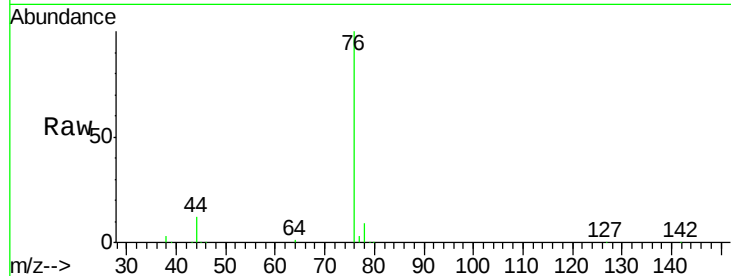
#17
Carbon Disulfide
Concen: 40.079 ug/l
RT: 4.00 min Scan# 704
Delta R.T. 0.00 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 76 Resp: 225933
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

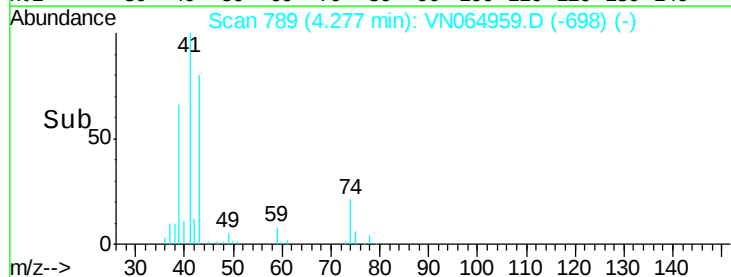
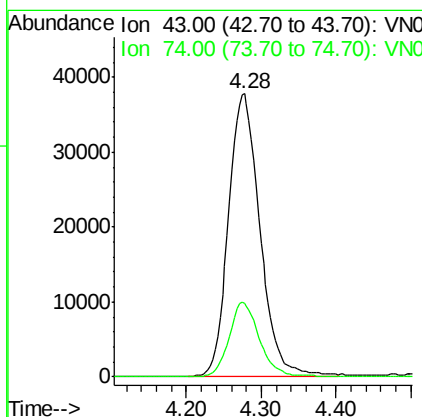
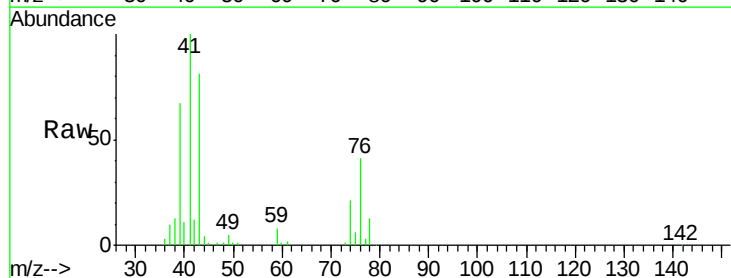
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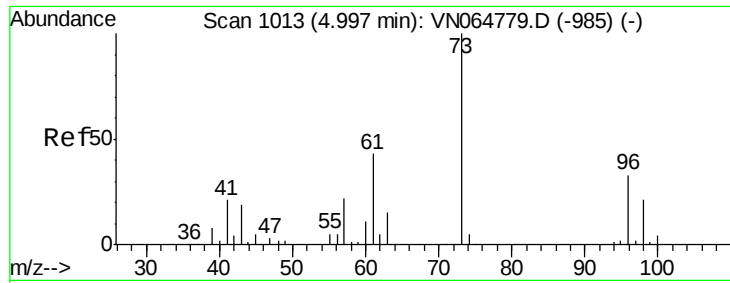
MMDadoda
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#18
Methyl Acetate
Concen: 42.917 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.01 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

Tgt Ion: 43 Resp: 111028
Ion Ratio Lower Upper
43 100
74 25.0 20.2 30.2





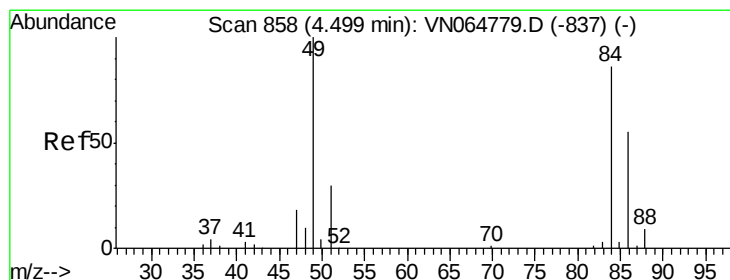
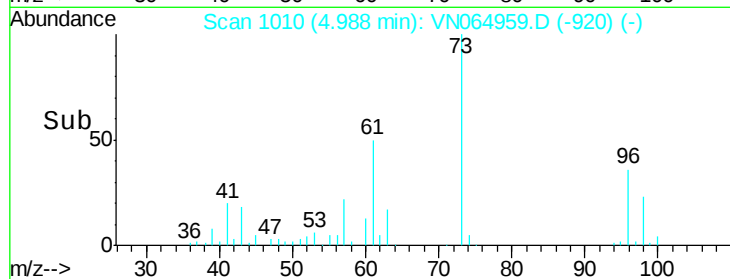
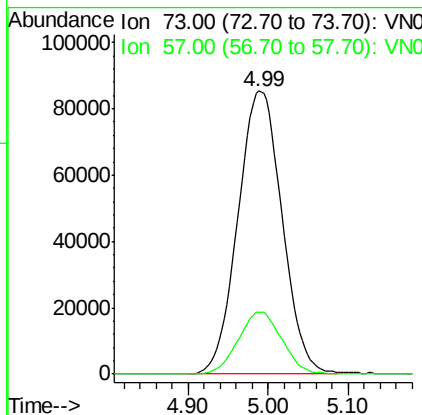
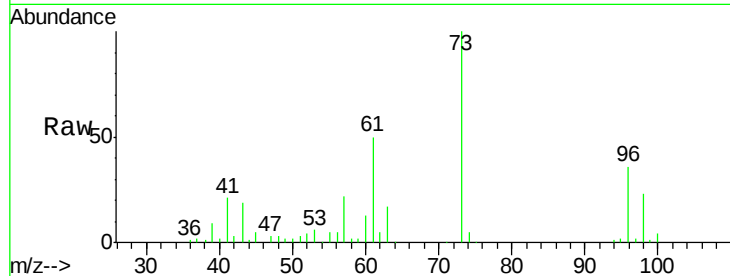
#19
Methvl tert-butvl Ether
Concen: 45.955 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 321791
Ion Ratio Lower Upper
73 100
57 22.1 17.4 26.0

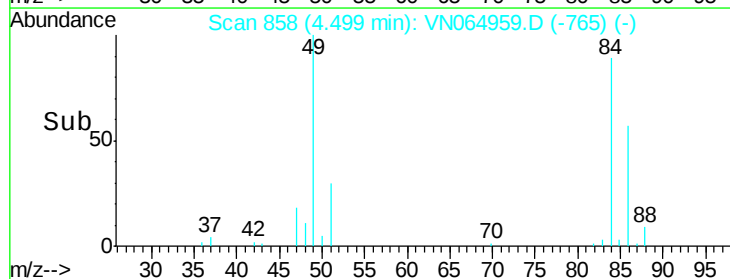
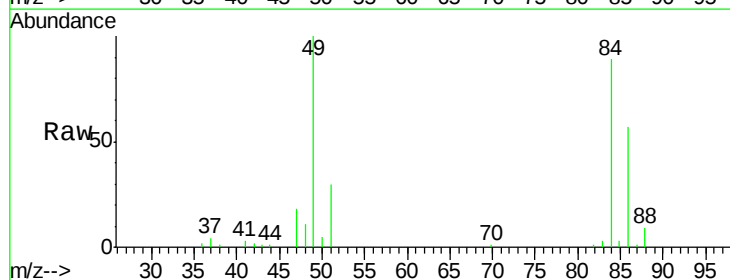
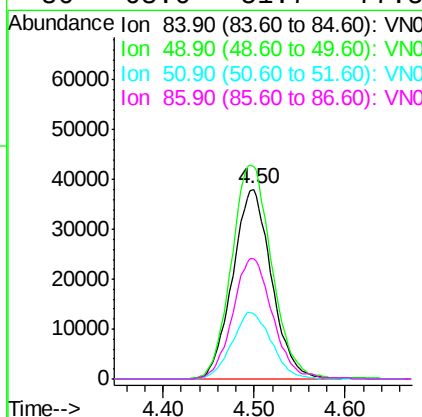
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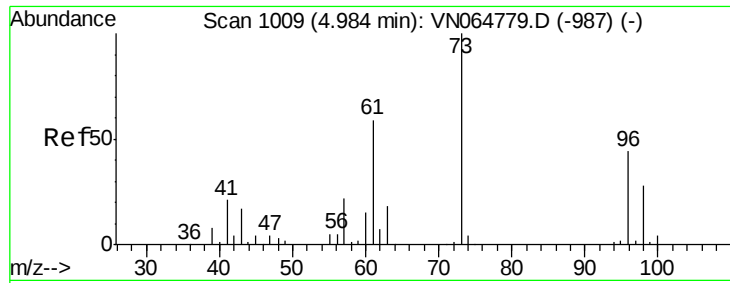
MMDadoda
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#20
Methylene Chloride
Concen: 41.895 ug/l
RT: 4.50 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

Tgt Ion: 84 Resp: 112962
Ion Ratio Lower Upper
84 100
49 111.8 93.4 140.0
51 34.1 28.2 42.4
86 63.6 51.7 77.5





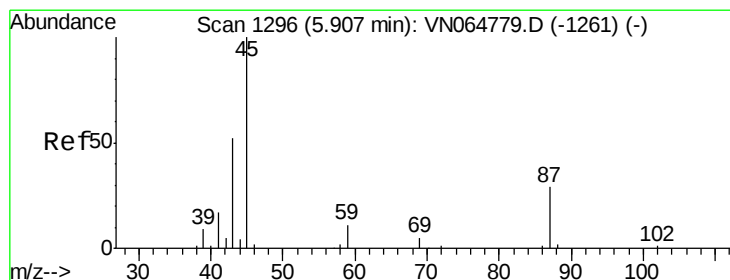
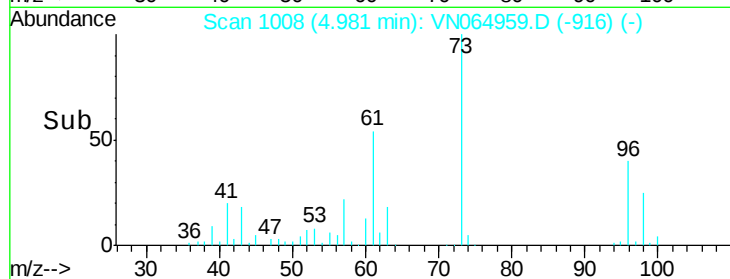
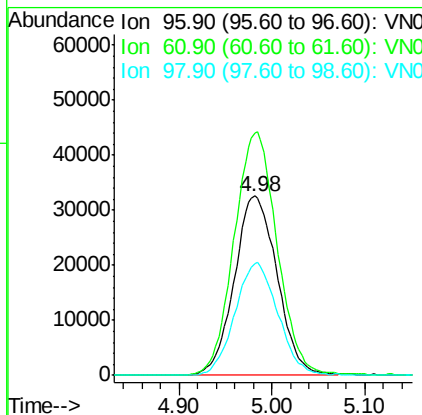
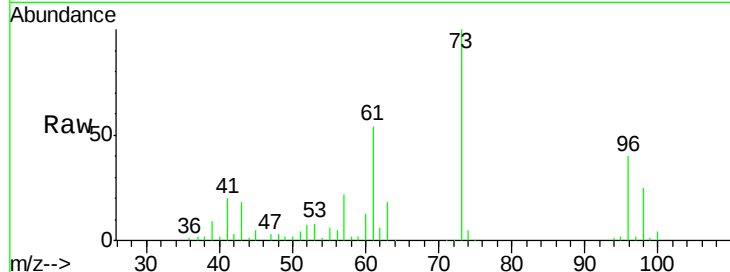
#21
trans-1,2-Dichloroethene
Concen: 43.052 ug/l
RT: 4.98 min Scan# 1008
Delta R.T. -0.00 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	135.3	108.4	162.6	
98	62.3	51.3	76.9	

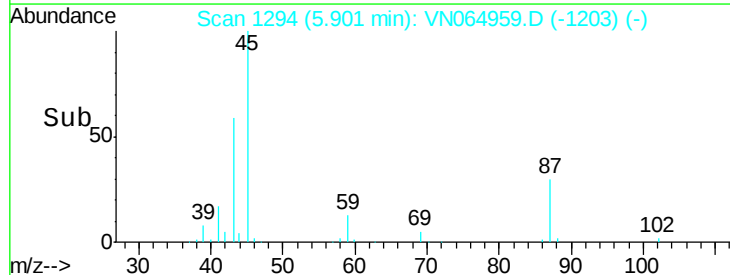
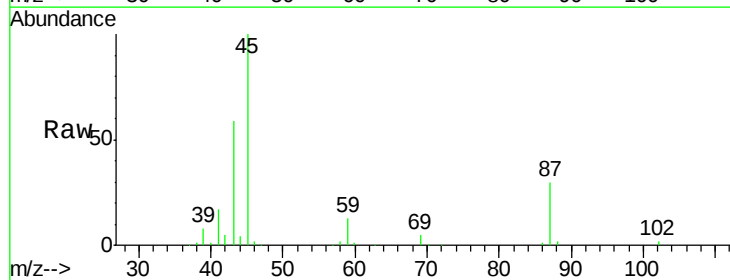
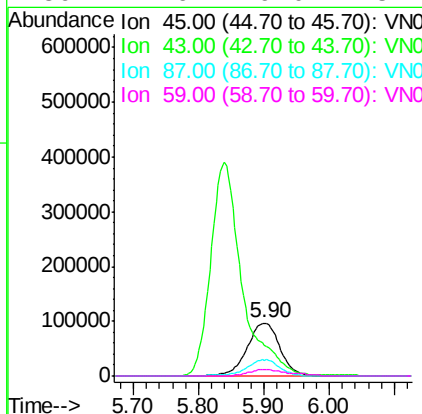
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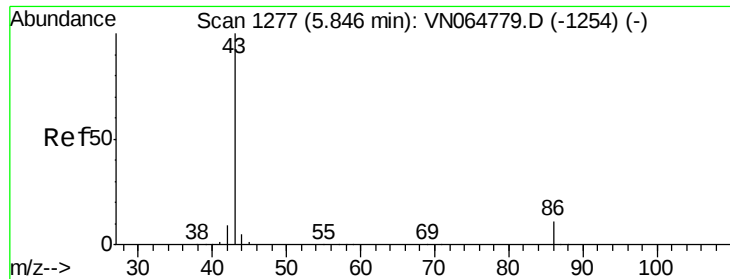
MMDadoda
12/10/2020 9:55:42 AM



#22
Diisopropyl ether
Concen: 46.987 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

Tgt Ion	Ion	Ratio	Lower	Upper
45	100			
43	57.9	46.2	69.2	
87	30.4	24.1	36.1	
59	12.6	9.0	13.4	





#23

Vinyl Acetate

Concen: 227.294 ug/l

RT: 5.84 min Scan# 1275

Delta R.T. -0.01 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

Tot Ion: 43 Resp: 1310085

Ion Ratio Lower Upper

43 100

86 11.1 8.9 13.3

Instrument :

MSVOA_N

ClientSampleId :

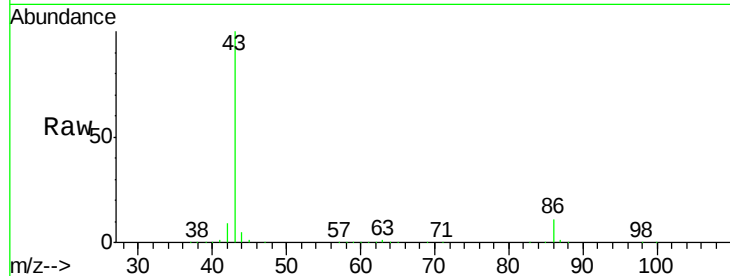
VSTDCCC050

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.84

400000

300000

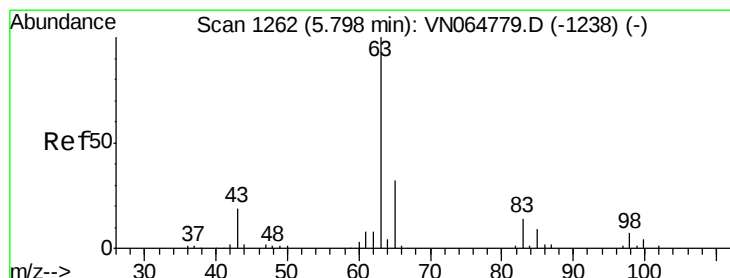
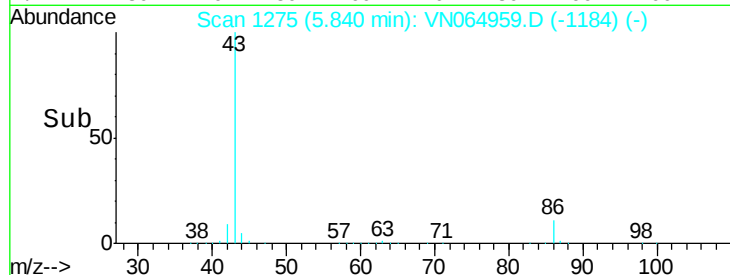
200000

100000

0

5.70 5.80 5.90 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 45.888 ug/l

RT: 5.79 min Scan# 1260

Delta R.T. -0.01 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

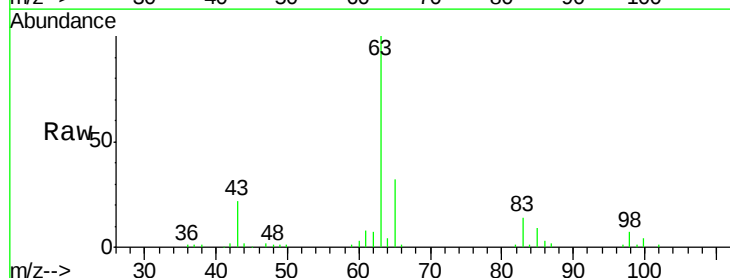
Tgt Ion: 63 Resp: 197667

Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.5

100 4.2 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

80000

60000

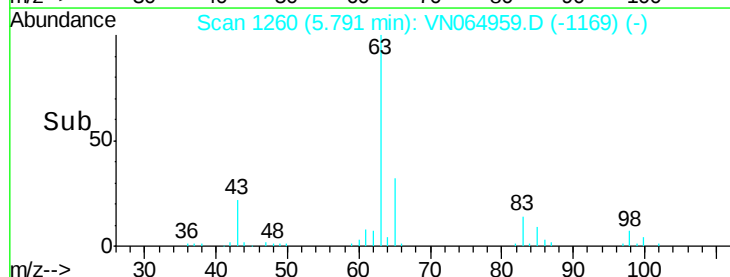
40000

20000

0

5.70 5.80 5.90

Time-->





#25

2-Butanone

Concen: 222.095 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.01 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

Tot Ion: 43 Resp: 309790

Ion Ratio Lower Upper

43 100

72 28.1 21.0 31.6

Instrument :

MSVOA_N

ClientSampled :

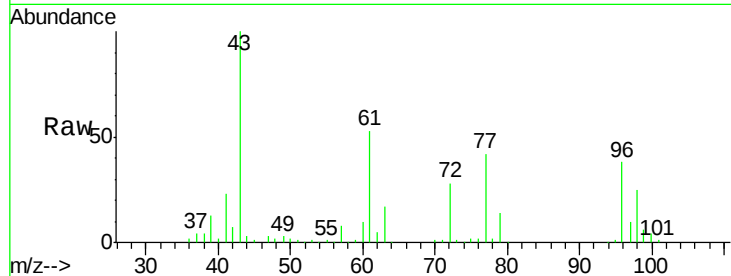
VSTDCCC050

Manual Integrations

APPROVED

MMDadoda

12/10/2020 9:55:42 AM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.78

120000

100000

80000

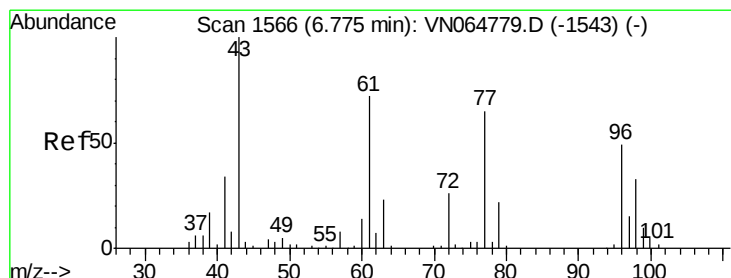
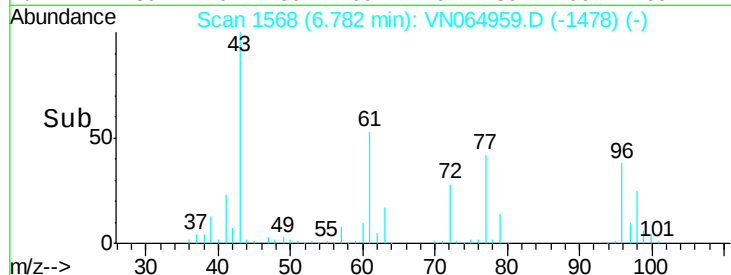
60000

40000

20000

0

Time--> 6.65 6.70 6.75 6.80 6.85



#26

2,2-Dichloropropane

Concen: 45.440 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN064959.D

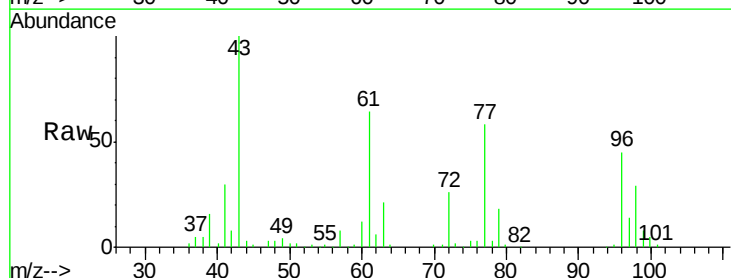
Acq: 8 Dec 2020 10:30

Tgt Ion: 77 Resp: 169765

Ion Ratio Lower Upper

77 100

97 23.3 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

6.77

60000

50000

40000

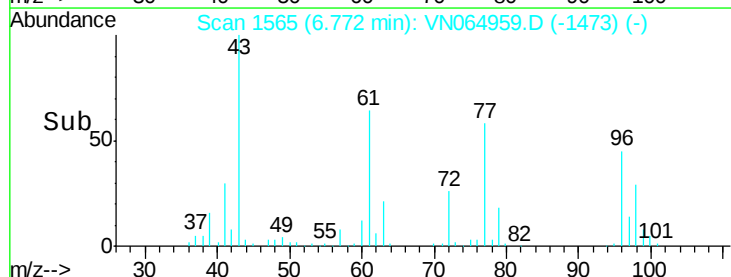
30000

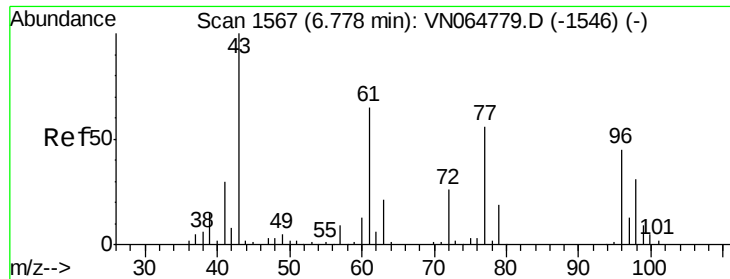
20000

10000

0

Time--> 6.70 6.80 6.90





#27

cis-1,2-Dichloroethene

Concen: 45.464 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN064959.D

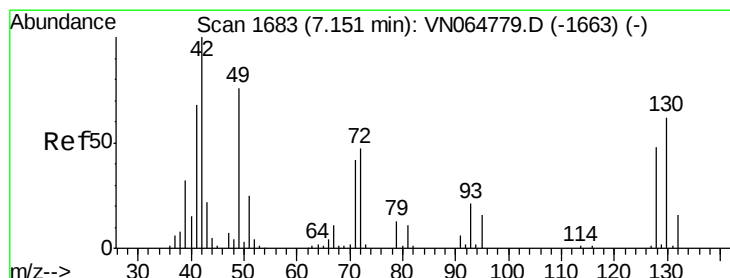
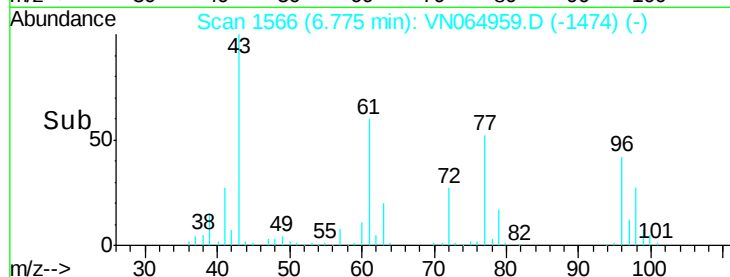
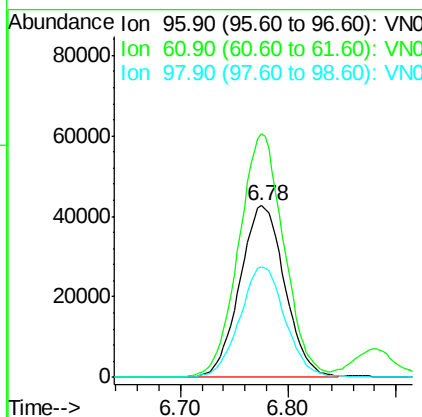
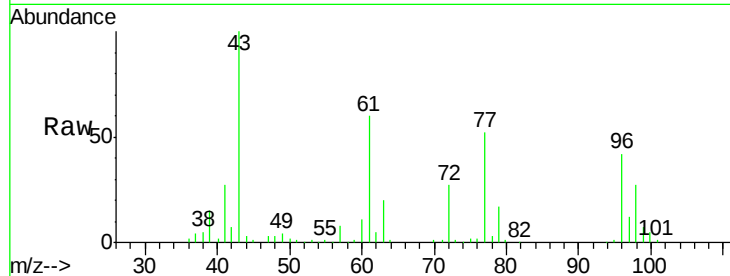
Acq: 8 Dec 2020 10:30

Tot Ion:	96	Resp:	124037
Ion	Ratio	Lower	Upper
96	100		
61	141.9	0.0	285.8
98	64.8	0.0	130.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
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MMDadoda
12/10/2020 9:55:42 AM



#28

Bromochloromethane

Concen: 40.918 ug/l

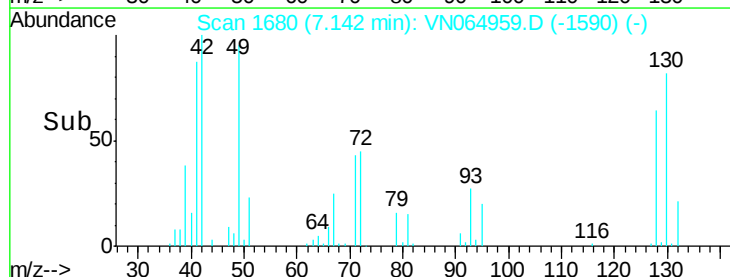
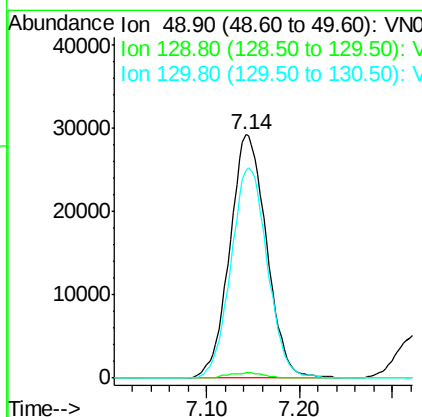
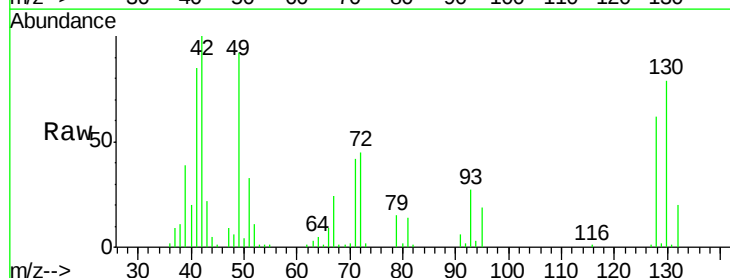
RT: 7.14 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

Tgt Ion:	49	Resp:	80634
Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	3.8
130	85.5	66.2	99.2





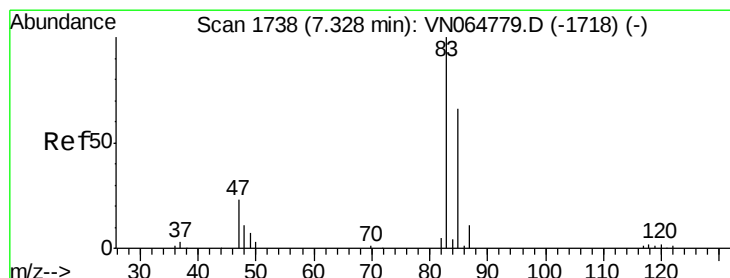
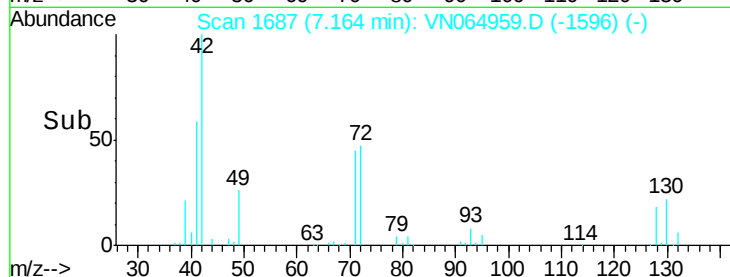
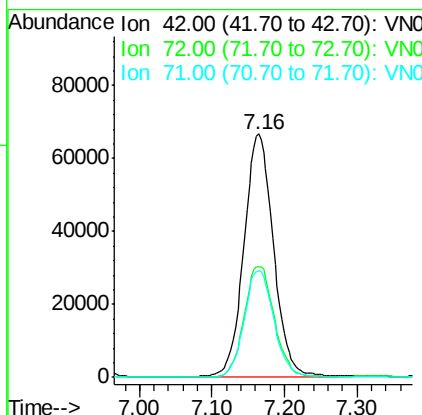
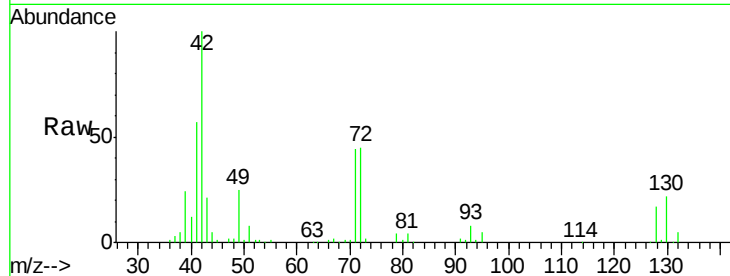
#29
Tetrahydrofuran
Concen: 197.832 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. -0.01 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.2	36.6	54.8
71	43.6	33.6	50.4

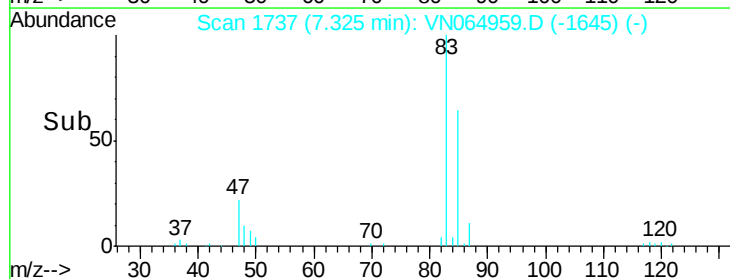
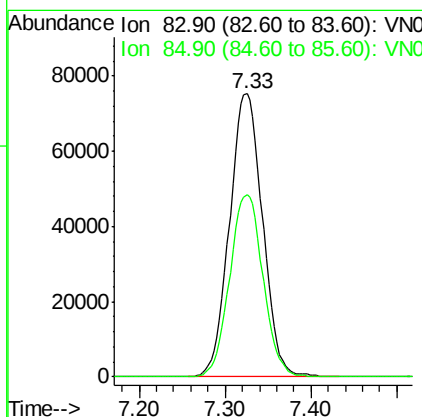
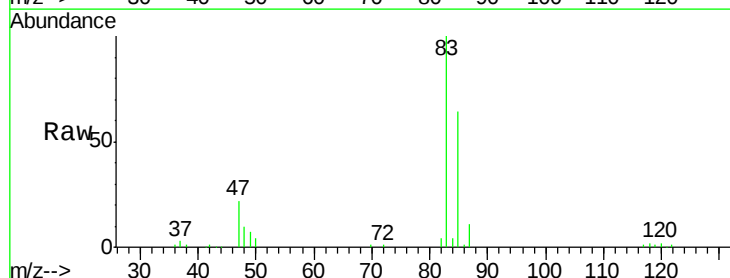
Manual Integrations
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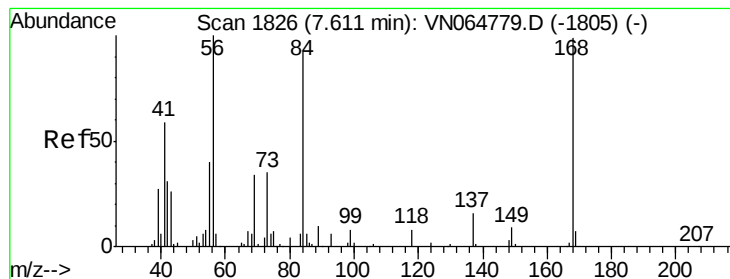
MMDadoda
12/10/2020 9:55:42 AM



#30
Chloroform
Concen: 45.287 ug/l
RT: 7.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	52.6	78.8





#31

Cyclohexane

Concen: 40.927 ug/l

RT: 7.61 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

Instrument :

MSVOA_N

ClientSampled :

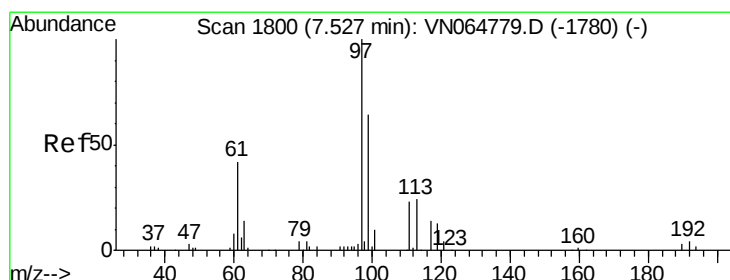
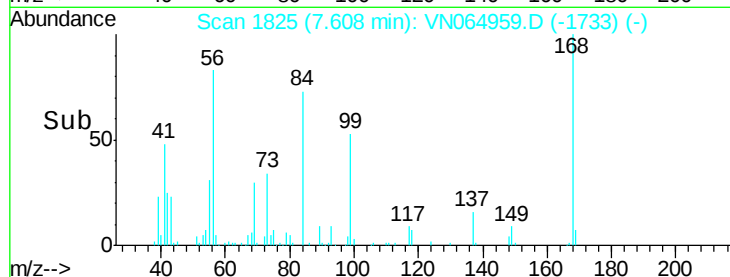
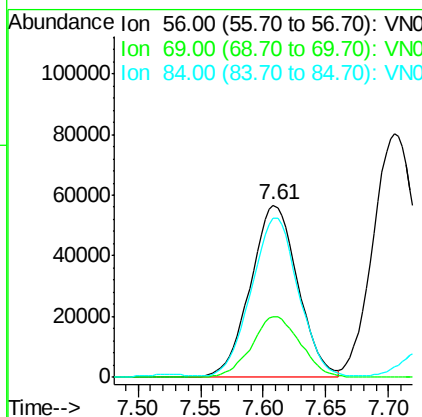
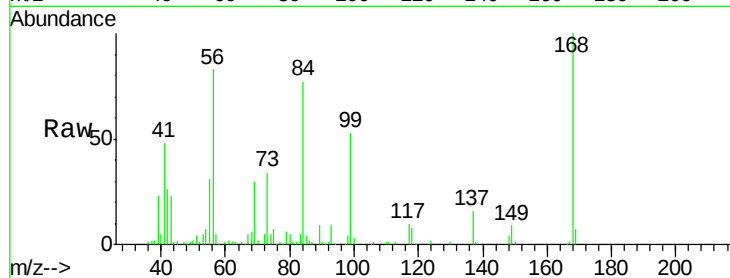
VSTDCCC050

Tot Ion:	56	Resp:	149310
Ion Ratio	Lower	Upper	
56	100		
69	35.6	27.5	41.3
84	91.3	73.9	110.9

Manual Integrations
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MMDadoda

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#32

1,1,1-Trichloroethane

Concen: 45.573 ug/l

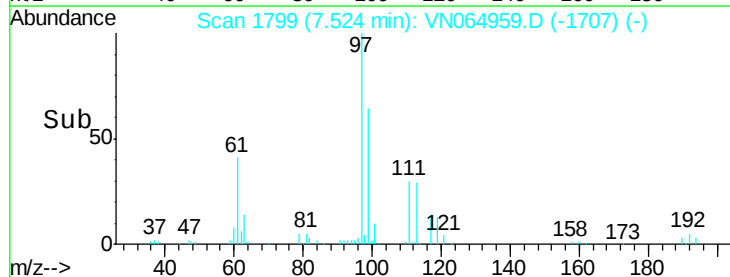
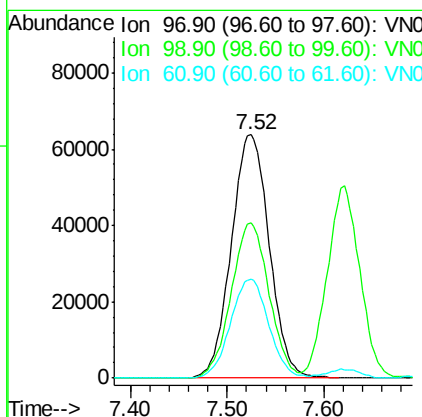
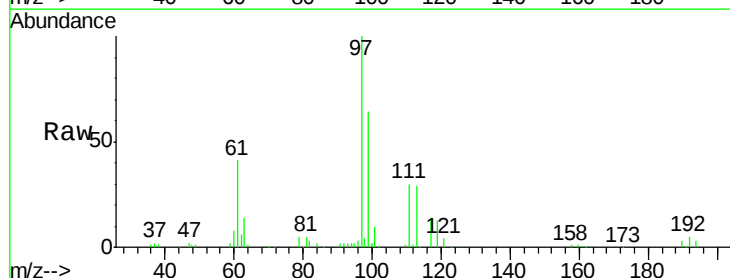
RT: 7.52 min Scan# 1799

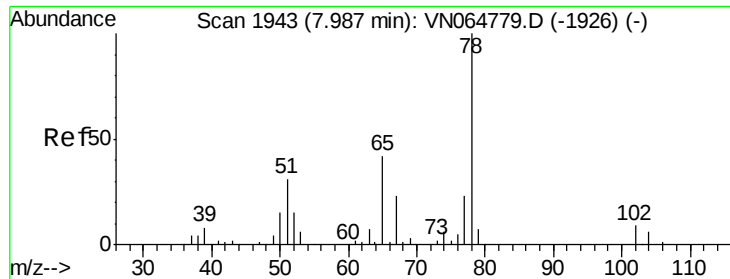
Delta R.T. -0.00 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

Tgt Ion:	97	Resp:	173872
Ion Ratio	Lower	Upper	
97	100		
99	63.6	51.7	77.5
61	41.1	33.9	50.9





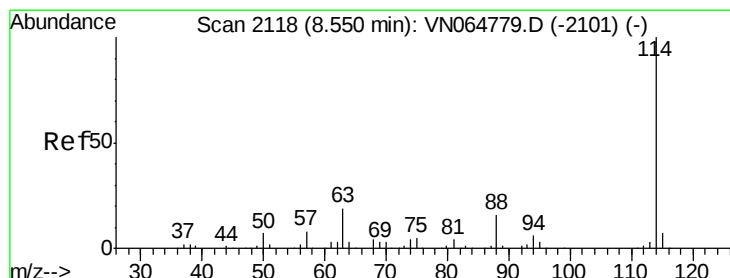
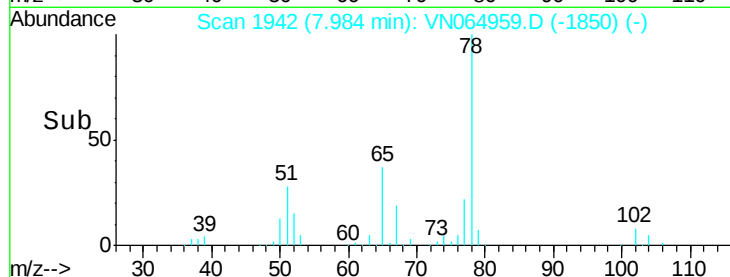
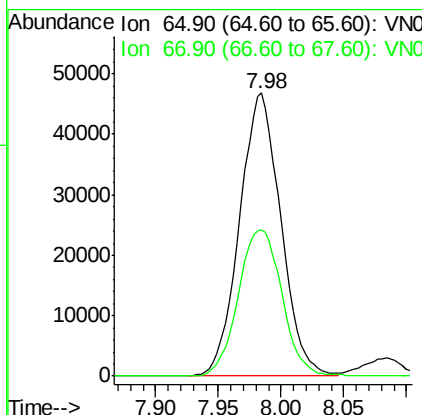
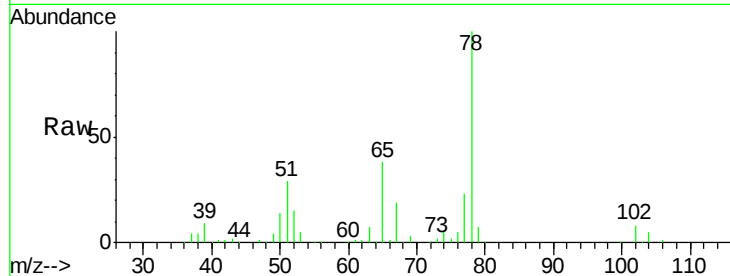
#33
 1,2-Dichloroethane-d4
 Concen: 40.979 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN064959.D
 Acq: 8 Dec 2020 10:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	54.5	0.0	107.265	108.2

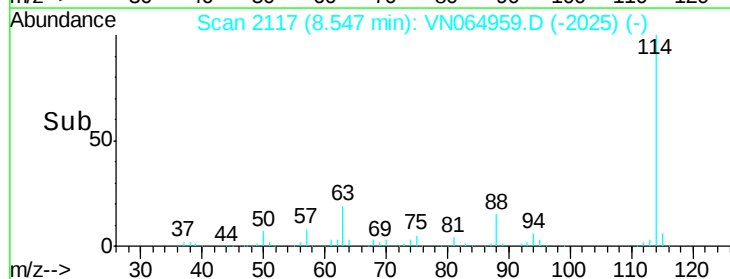
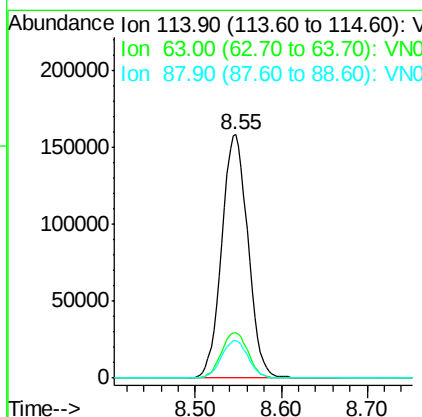
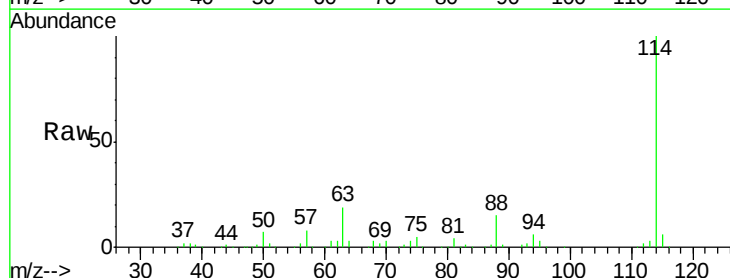
Manual Integrations
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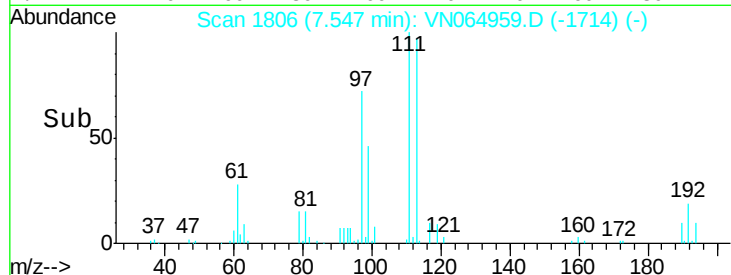
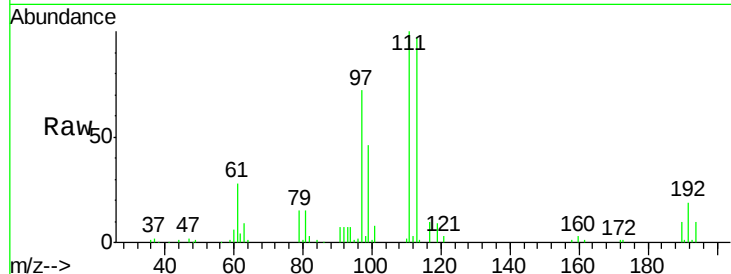
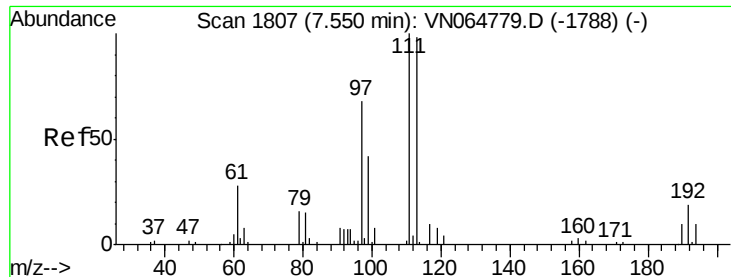
MMDadoda
 12/10/2020 9:55:42 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064959.D
 Acq: 8 Dec 2020 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.8	0.0	33.517	38.6
88	15.3	0.0	32.6	





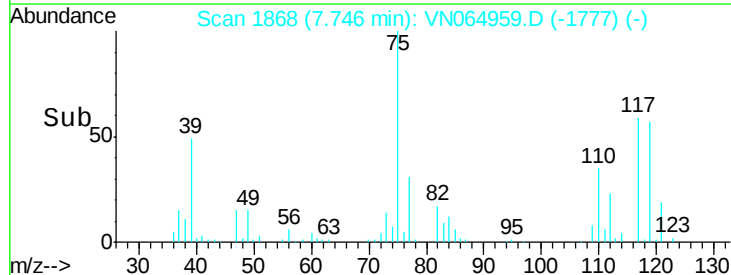
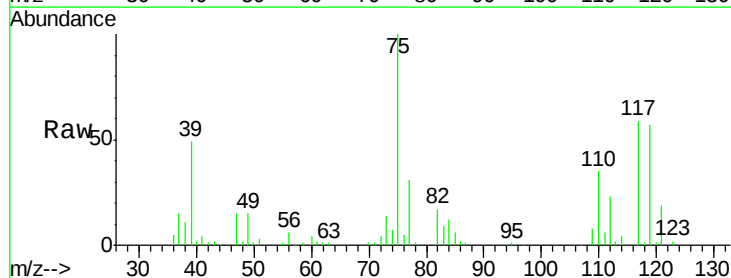
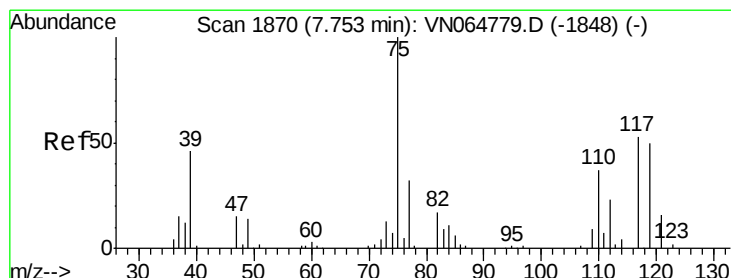
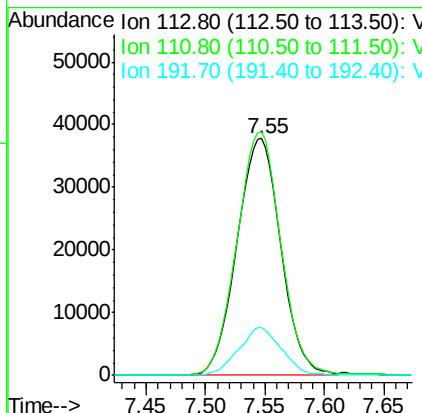
#35
Dibromofluoromethane
Concen: 47.971 ug/l
RT: 7.55 min Scan# 1806
Delta R.T. -0.00 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	103.0	81.6	122.4	
192	19.6	16.2	24.2	

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

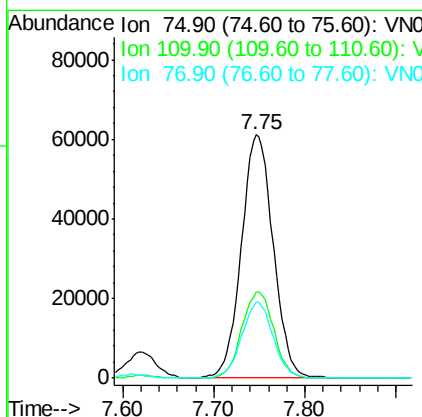
Manual Integrations
APPROVED

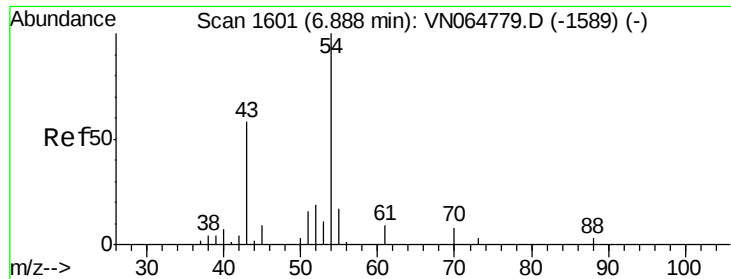
MMDadoda
12/10/2020 9:55:42 AM



#36
1,1-Dichloropropene
Concen: 47.897 ug/l
RT: 7.75 min Scan# 1868
Delta R.T. -0.01 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	35.5	17.8	53.3	
77	30.8	25.0	37.4	





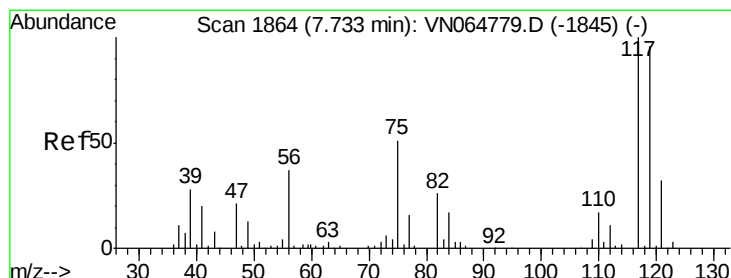
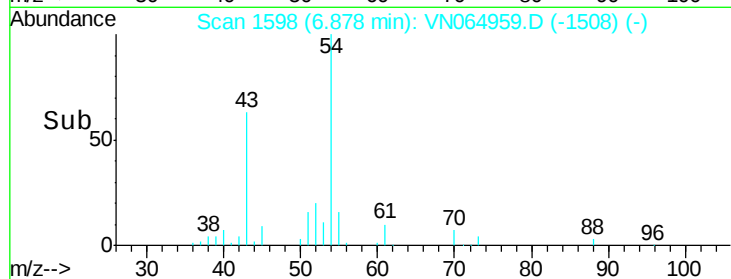
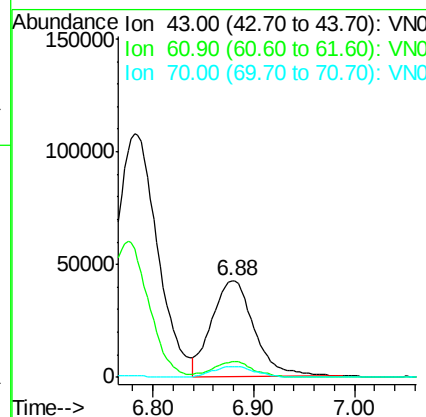
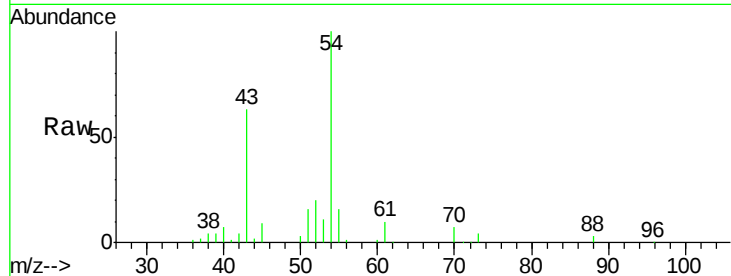
#37
Ethyl Acetate
Concen: 41.608 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.01 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	43	Resp	124644
Ion Ratio	Lower	Upper	
43	100		
61	14.9	12.8	19.2
70	11.5	8.8	13.2

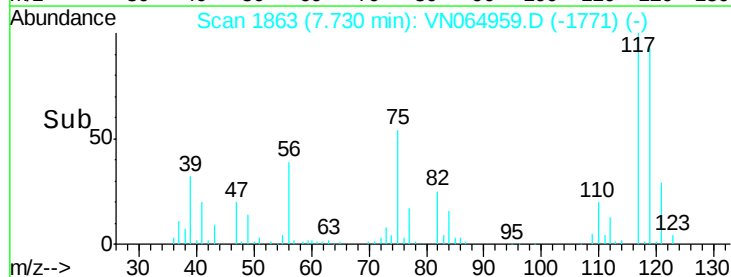
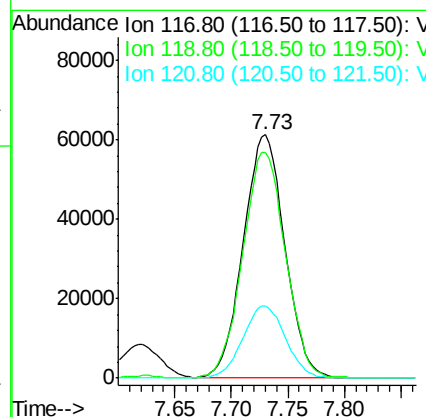
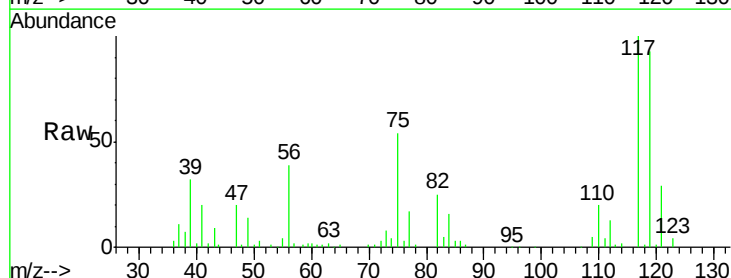
Manual Integrations
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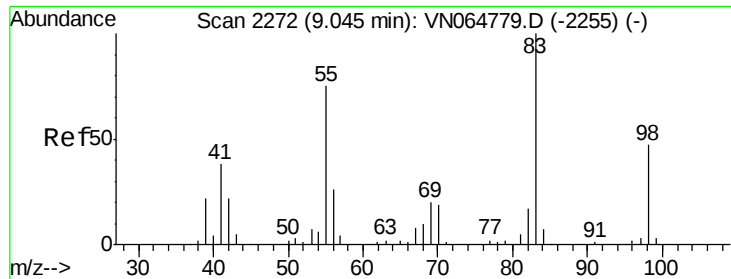
MMDadoda
12/10/2020 9:55:42 AM



#38
Carbon Tetrachloride
Concen: 48.114 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

Tgt Ion	117	Resp	155690
Ion Ratio	Lower	Upper	
117	100		
119	92.7	76.7	115.1
121	29.6	25.4	38.2





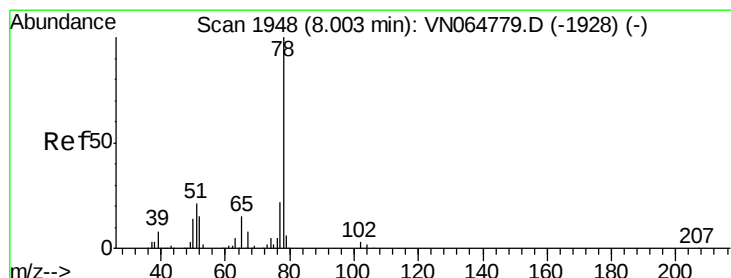
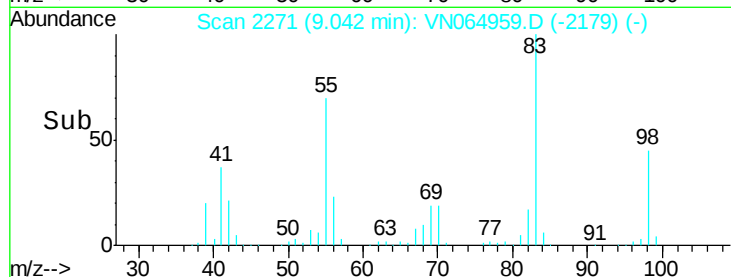
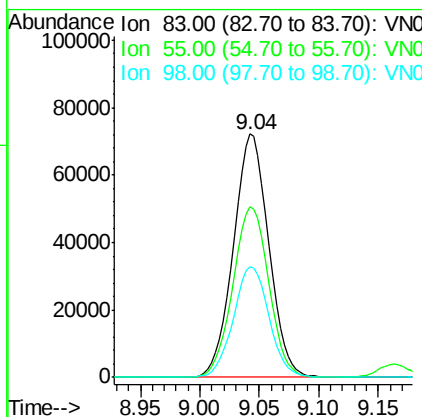
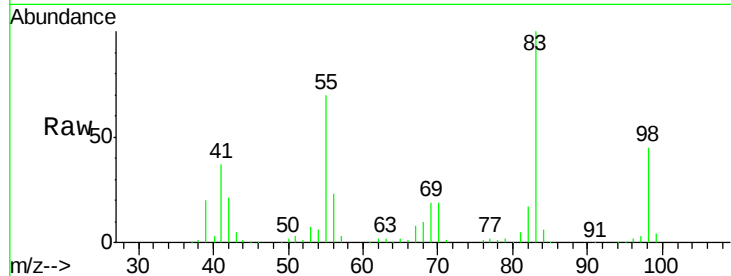
#39
Methvlcvclohexane
Concen: 44.421 ug/l
RT: 9.04 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.8	60.2	90.2
98	45.5	37.4	56.2

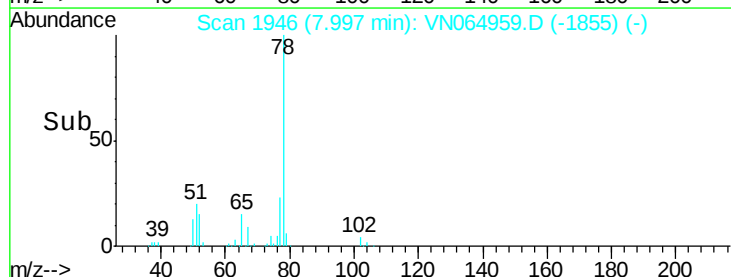
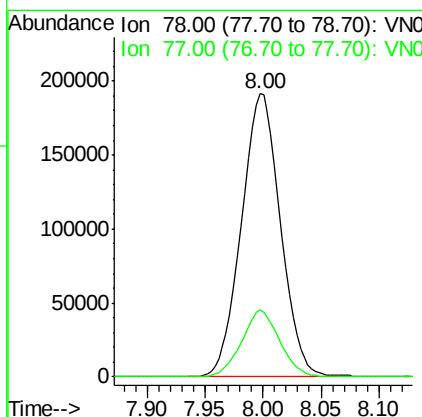
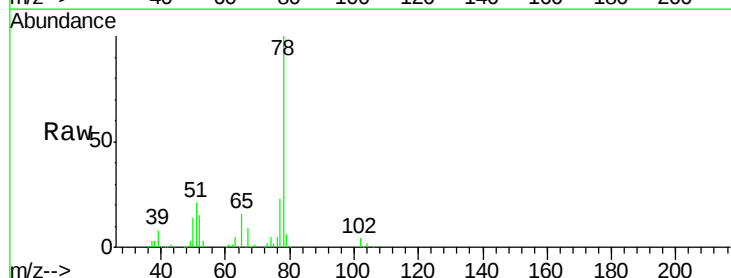
Manual Integrations
APPROVED

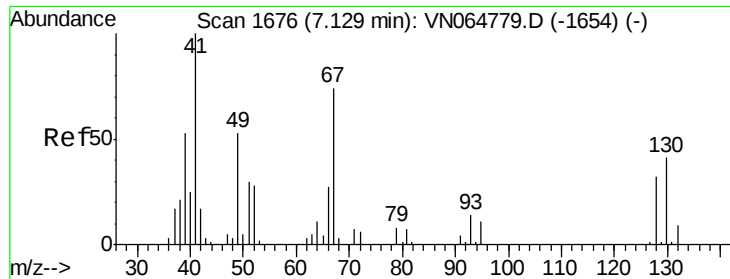
MMDadoda
12/10/2020 9:55:42 AM



#40
Benzene
Concen: 47.033 ug/l
RT: 8.00 min Scan# 1946
Delta R.T. -0.01 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	17.9	26.9





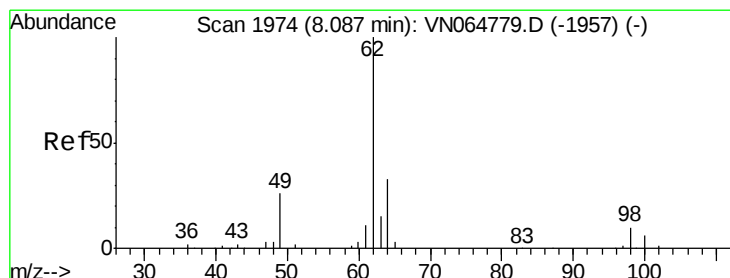
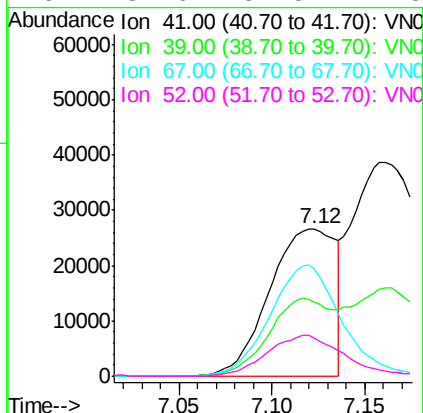
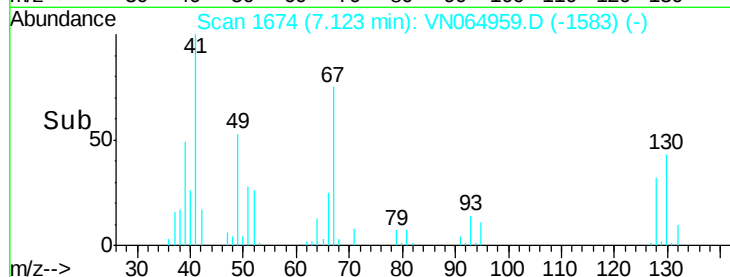
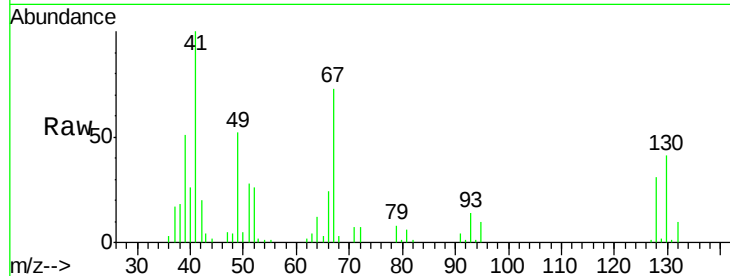
#41
Methacrylonitrile
Concen: 47.719 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.01 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	47.7	51.0	76.6#
67	82.3	79.8	119.8
52	32.6	31.5	47.3

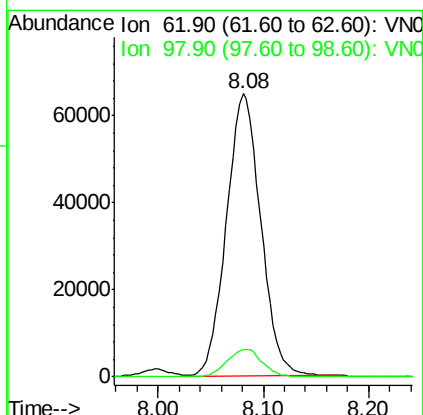
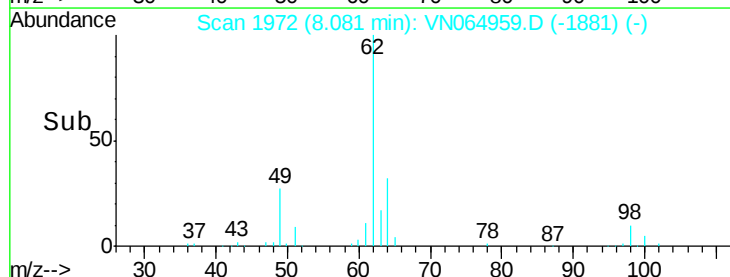
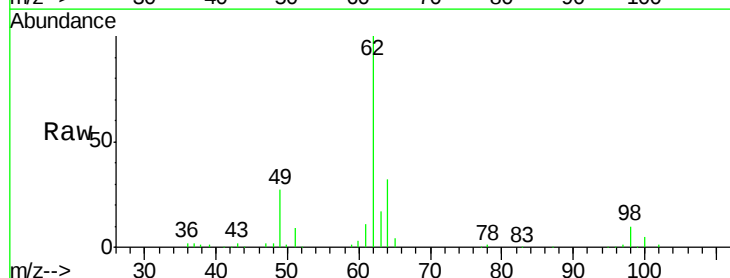
Manual Integrations
APPROVED

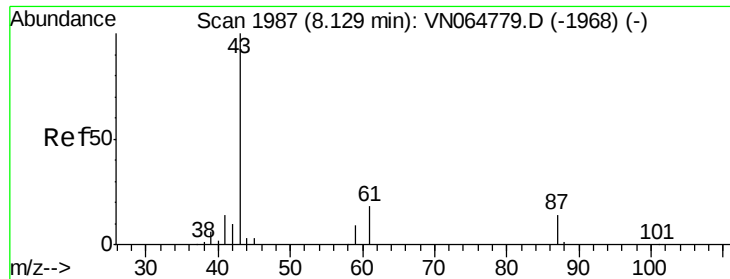
MMDadoda
12/10/2020 9:55:42 AM



#42
1,2-Dichloroethane
Concen: 45.641 ug/l
RT: 8.08 min Scan# 1972
Delta R.T. -0.01 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.6





#43

Isopropyl Acetate

Concen: 43.522 ug/l

RT: 8.12 min Scan# 1985

Delta R.T. -0.01 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

Instrument :

MSVOA_N

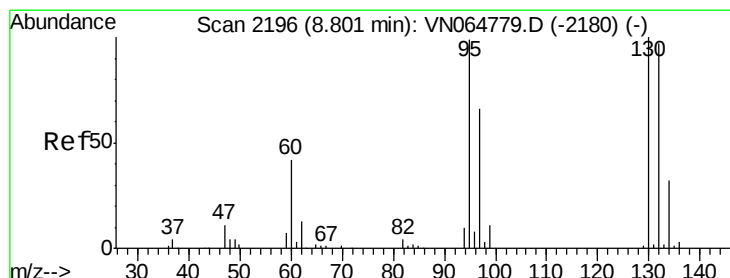
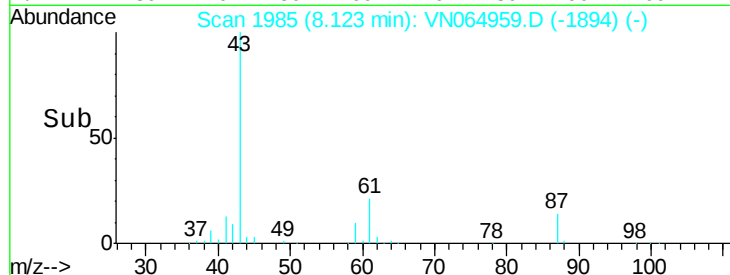
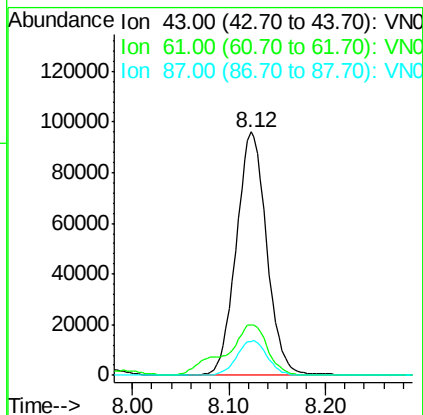
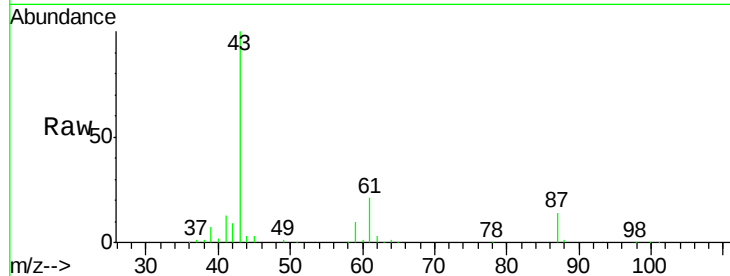
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	209796
Ion	Ratio	Lower	Upper
43	100		
61	28.8	17.2	25.8#
87	14.3	11.4	17.0

Manual Integrations
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12/10/2020 9:55:42 AM



#44

Trichloroethene

Concen: 45.885 ug/l

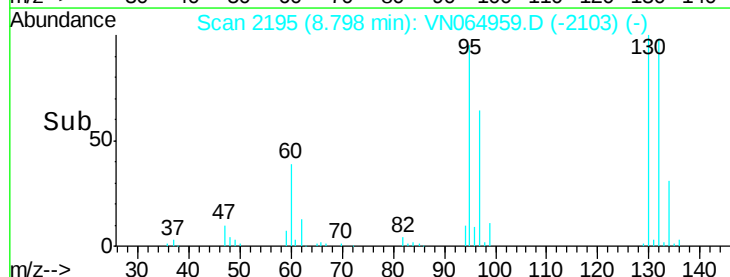
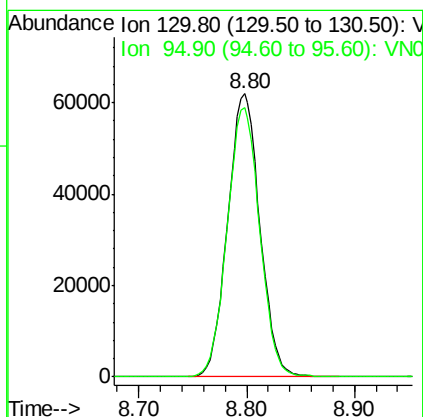
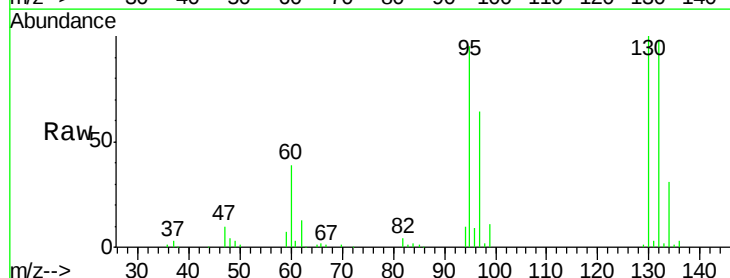
RT: 8.80 min Scan# 2195

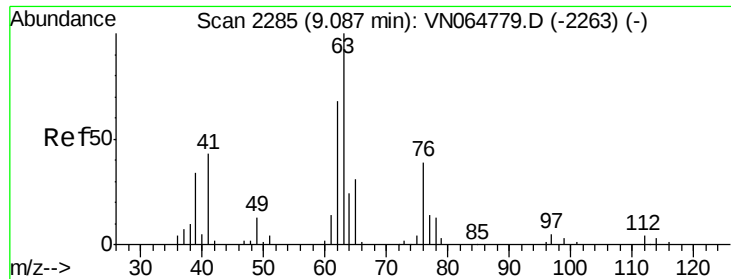
Delta R.T. -0.00 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

Tgt Ion:	130	Resp:	129019
Ion	Ratio	Lower	Upper
130	100		
95	95.1	0.0	197.8





#45

1,2-Dichloropropane

Concen: 48.596 ug/l

RT: 9.08 min Scan# 2283

Delta R.T. -0.01 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

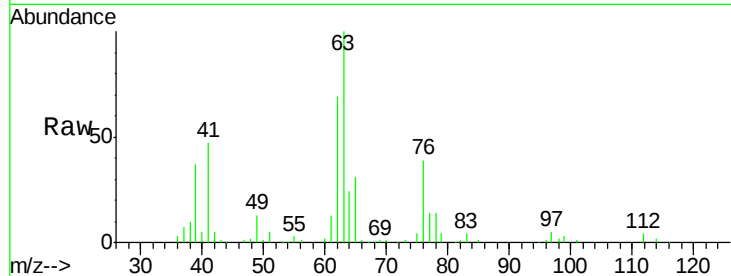
Tot Ion: 63 Resp: 119931

Ion Ratio Lower Upper

63 100

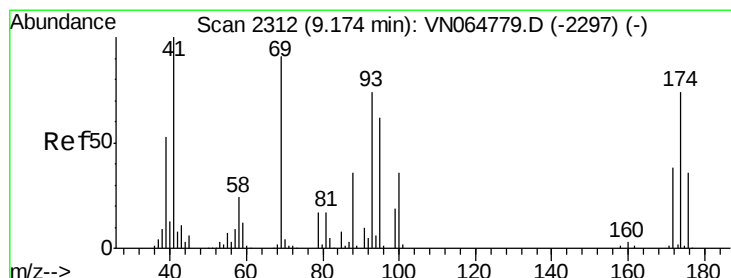
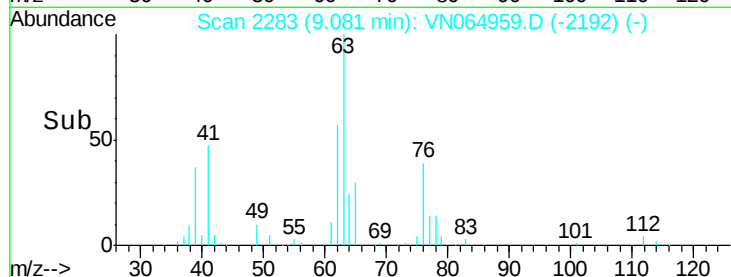
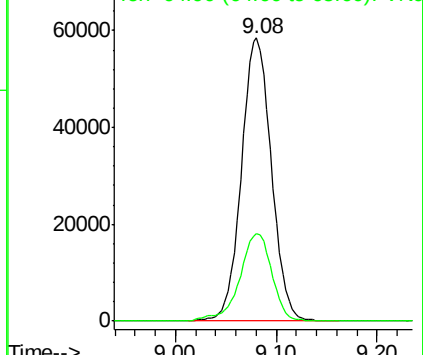
65 30.8 25.0 37.4

Manual Integrations
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Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 47.333 ug/l

RT: 9.17 min Scan# 2311

Delta R.T. -0.00 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

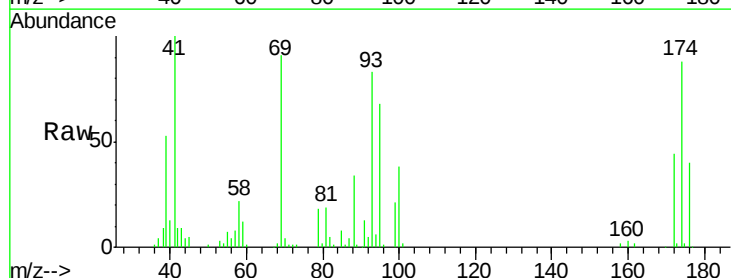
Tgt Ion: 93 Resp: 78040

Ion Ratio Lower Upper

93 100

95 83.9 68.8 103.2

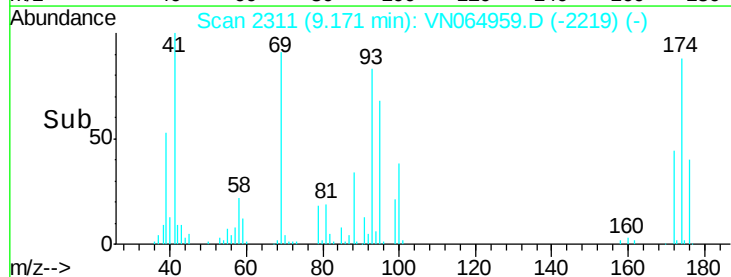
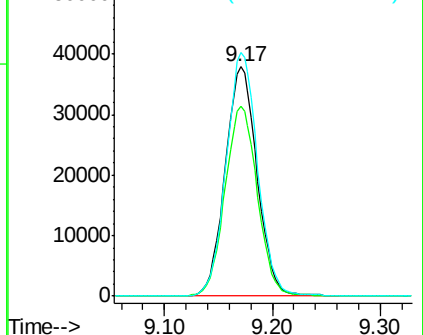
174 104.6 83.1 124.7

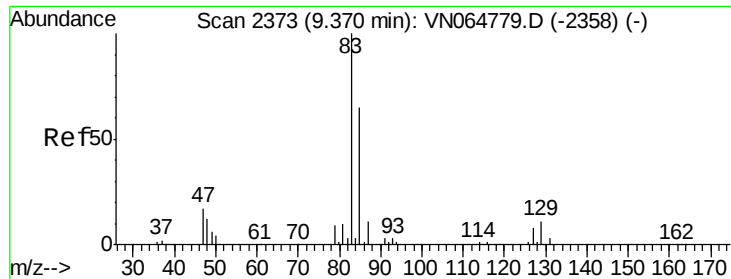


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





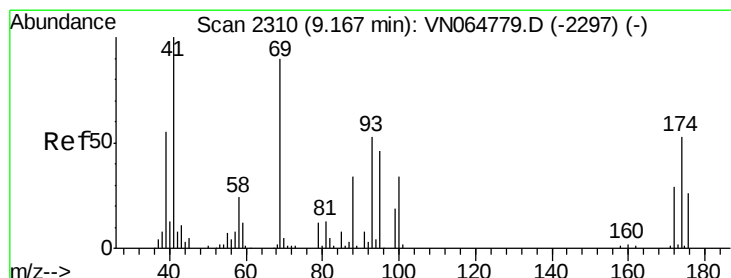
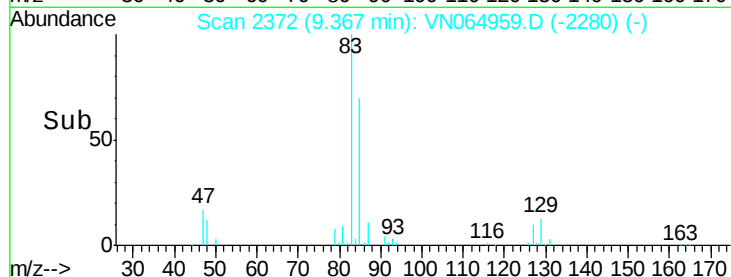
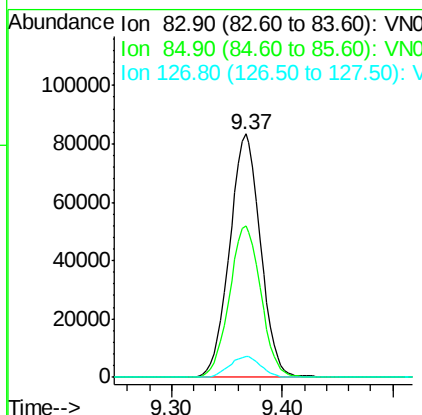
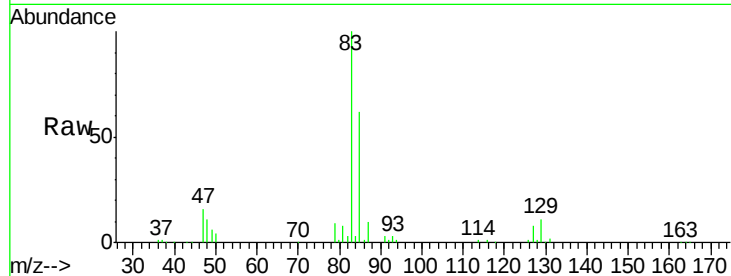
#47
Bromodichloromethane
Concen: 48.775 ug/l
RT: 9.37 min Scan# 2372
Delta R.T. -0.00 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	83	Resp	161809
Ion Ratio	100	Lower	Upper
83	100		
85	62.3	51.8	77.8
127	8.4	6.8	10.2

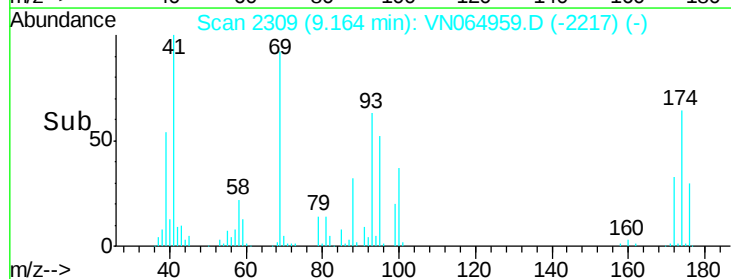
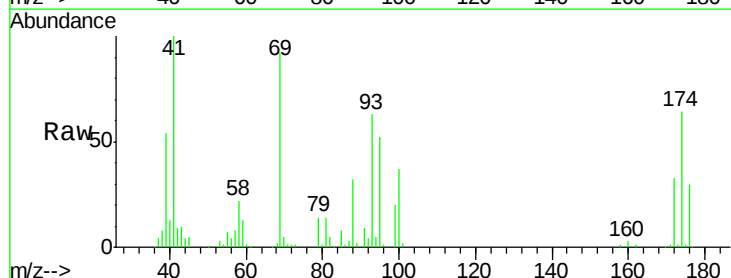
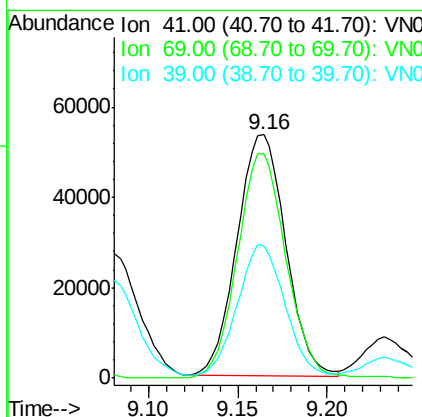
Manual Integrations
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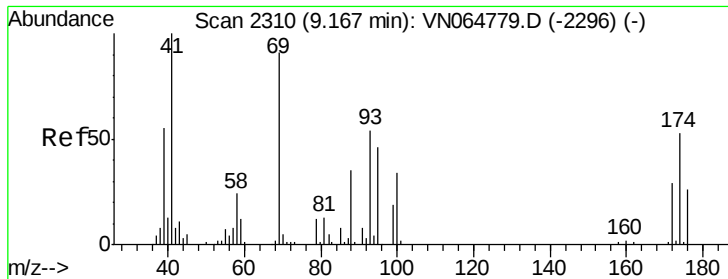
MMDadoda
12/10/2020 9:55:42 AM



#48
Methyl methacrylate
Concen: 44.166 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

Tgt Ion	41	Resp	101731
Ion Ratio	100	Lower	Upper
41	100		
69	93.2	71.8	107.8
39	55.0	44.1	66.1





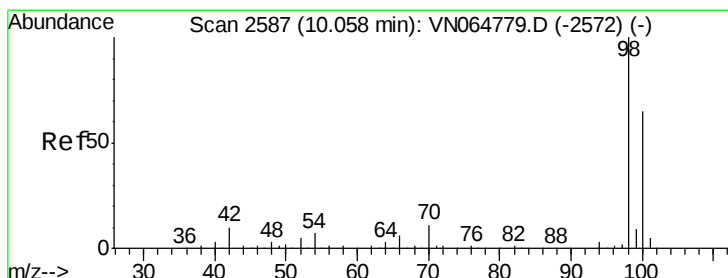
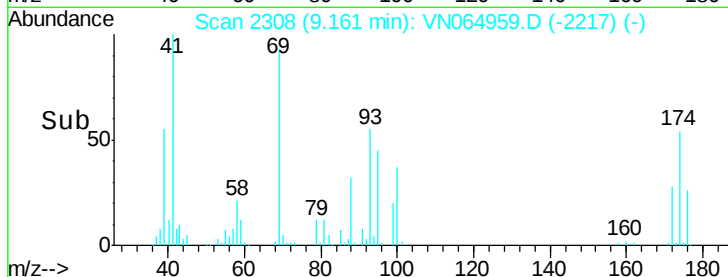
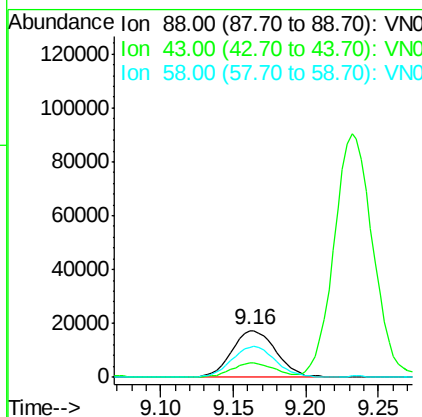
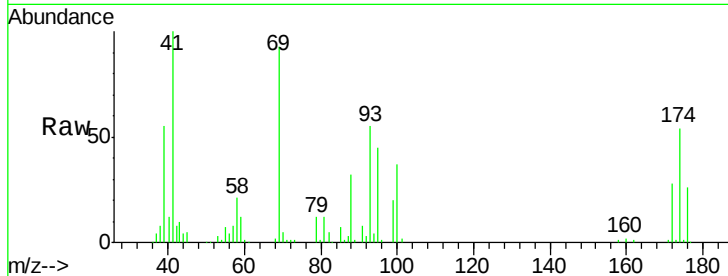
#49
 1,4-Dioxane
 Concen: 847.773 ug/l
 RT: 9.16 min Scan# 2308
 Delta R.T. -0.01 min
 Lab File: VN064959.D
 Acq: 8 Dec 2020 10:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.7	24.2	36.4
58	66.1	52.5	78.7

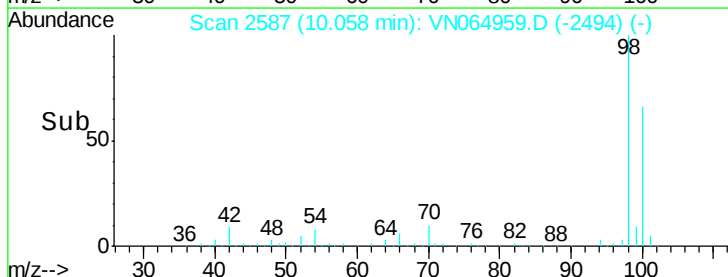
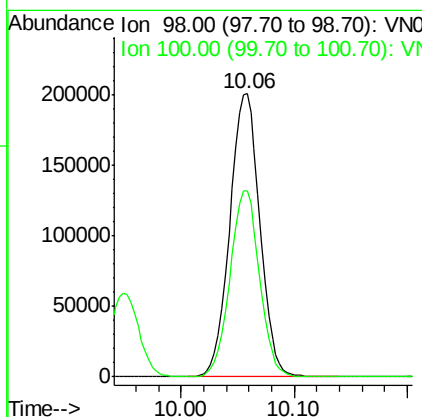
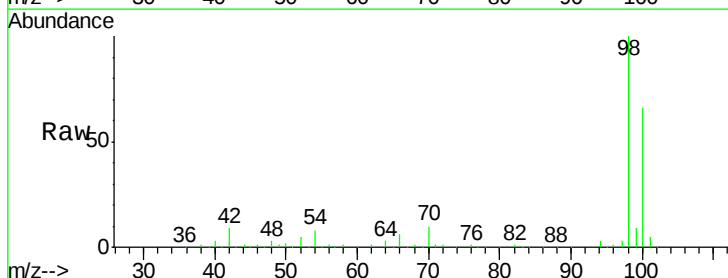
Manual Integrations
 APPROVED

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 12/10/2020 9:55:42 AM



#50
 Toluene-d8
 Concen: 45.324 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN064959.D
 Acq: 8 Dec 2020 10:30

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 220.484 ug/l

RT: 9.95 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 638063

Ion Ratio Lower Upper

43 100

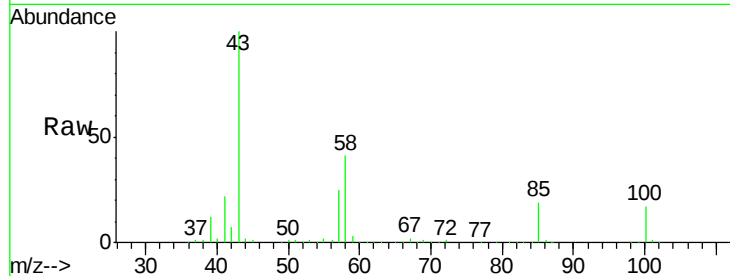
58 40.2 32.4 48.6

Manual Integrations

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12/10/2020 9:55:42 AM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.95

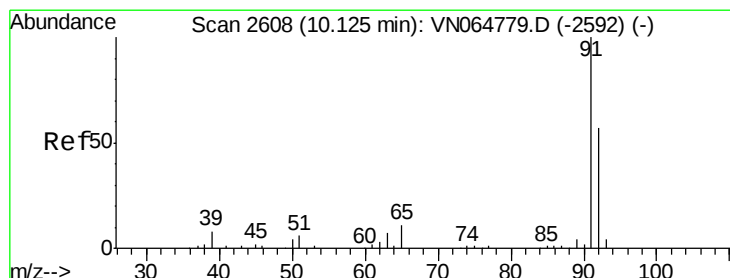
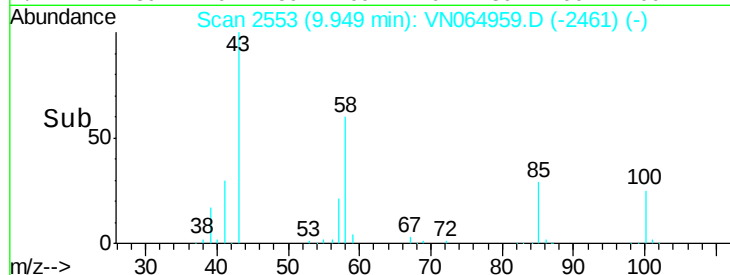
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 48.525 ug/l

RT: 10.12 min Scan# 2606

Delta R.T. -0.01 min

Lab File: VN064959.D

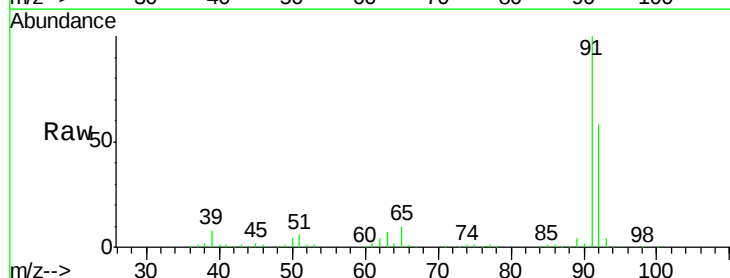
Acq: 8 Dec 2020 10:30

Tgt Ion: 92 Resp: 284785

Ion Ratio Lower Upper

92 100

91 172.7 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.12

300000

250000

200000

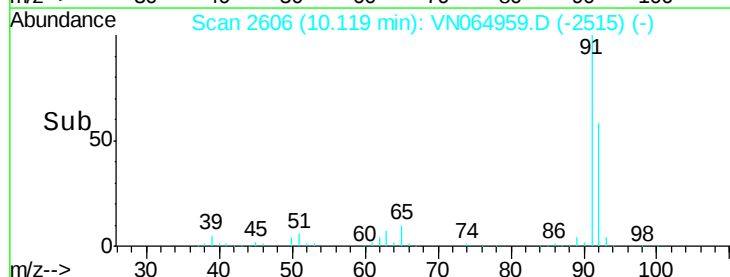
150000

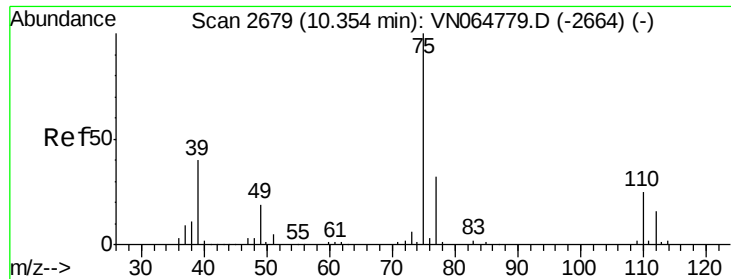
100000

50000

0

Time-->



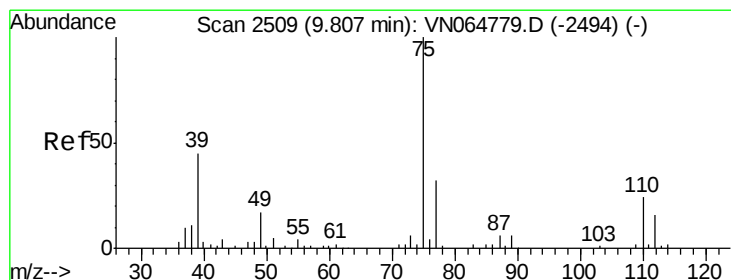
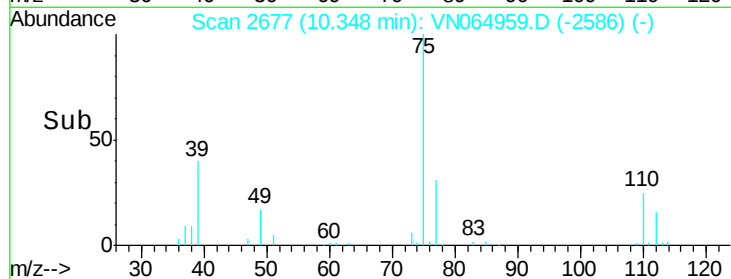
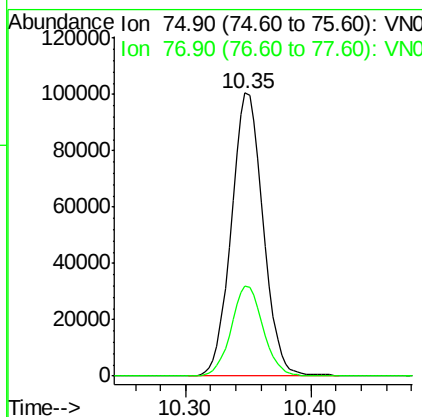
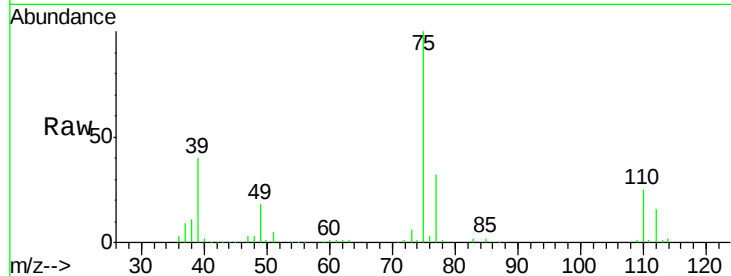


#53
t-1,3-Dichloropropene
Concen: 47.894 ug/l
RT: 10.35 min Scan# 2677
Delta R.T. -0.01 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

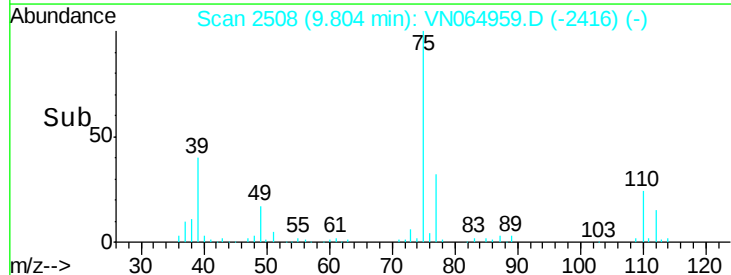
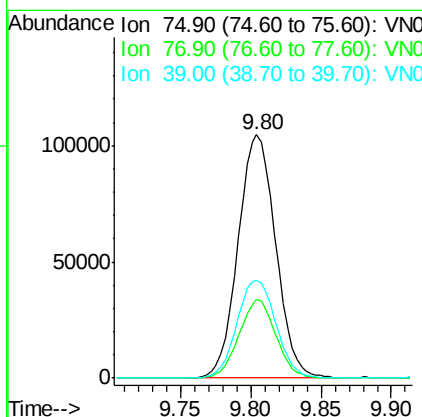
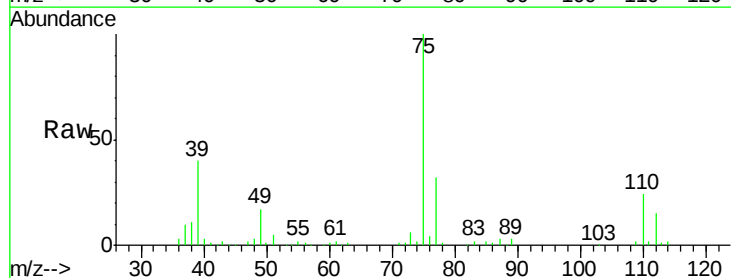
Tot Ion: 75 Resp: 176966
Ion Ratio Lower Upper
75 100
77 31.5 25.8 38.6

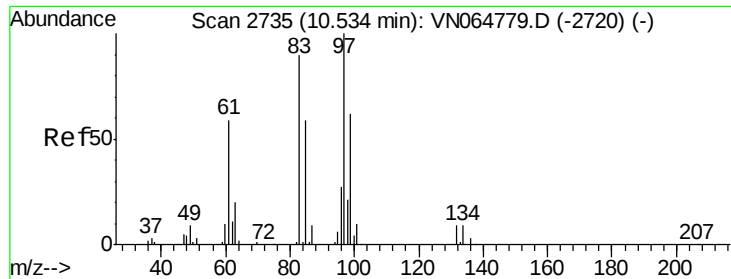
Manual Integrations
APPROVED



#54
cis-1,3-Dichloropropene
Concen: 49.366 ug/l
RT: 9.80 min Scan# 2508
Delta R.T. -0.00 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

Tgt Ion: 75 Resp: 195514
Ion Ratio Lower Upper
75 100
77 32.2 25.5 38.3
39 40.3 35.6 53.4





#55

1,1,2-Trichloroethane

Concen: 47.503 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

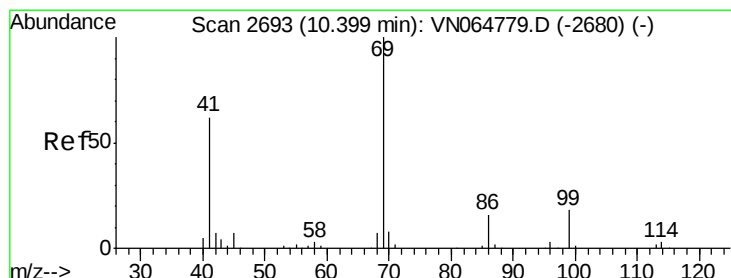
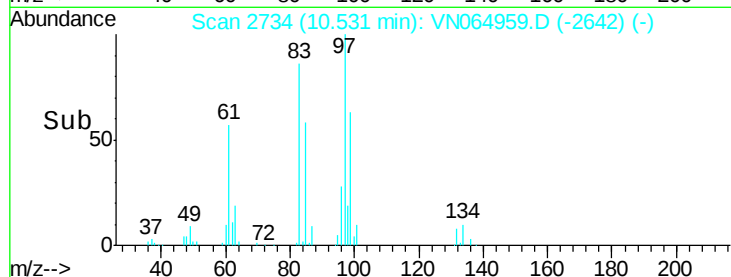
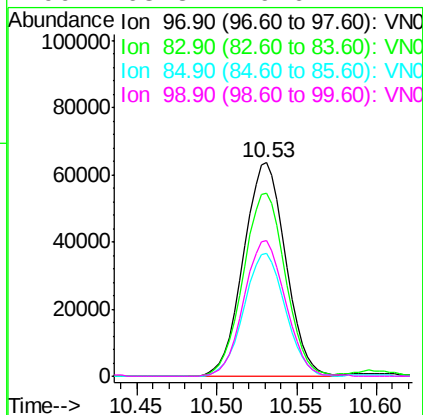
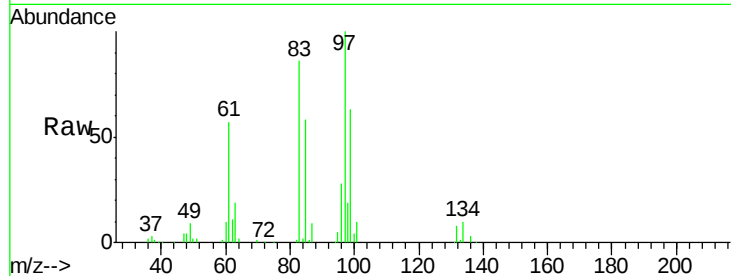
VSTDCCC050

Tot Ion:	97	Resp:	114641
Ion	Ratio	Lower	Upper
97	100		
83	85.8	72.1	108.1
85	57.7	46.8	70.2
99	63.3	49.6	74.4

Manual Integrations
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#56

Ethyl methacrylate

Concen: 47.668 ug/l

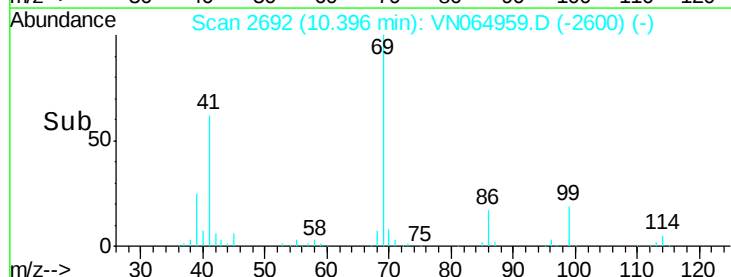
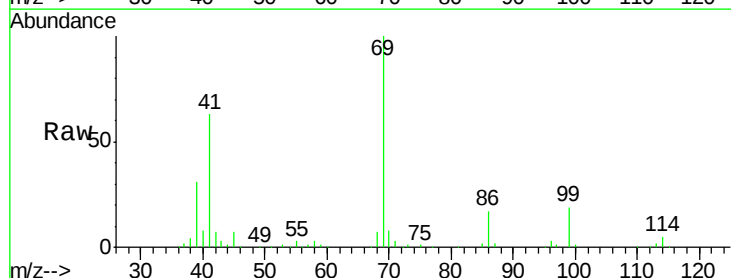
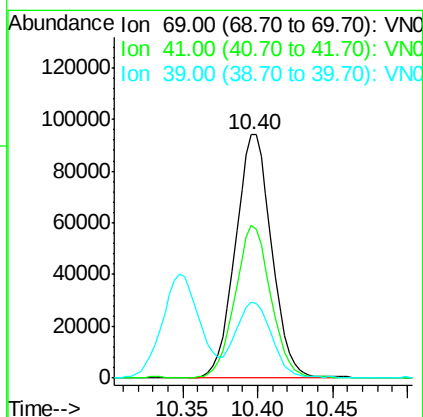
RT: 10.40 min Scan# 2692

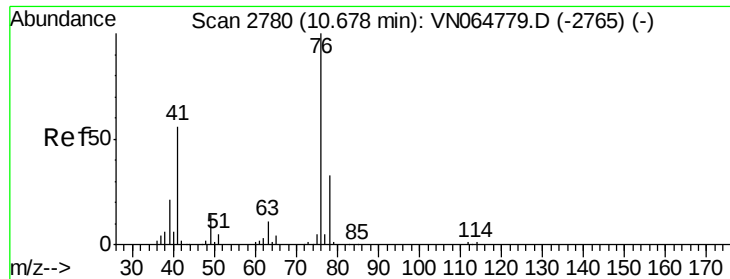
Delta R.T. -0.00 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

Tgt Ion:	69	Resp:	158750
Ion	Ratio	Lower	Upper
69	100		
41	61.3	49.4	74.0
39	31.2	25.9	38.9





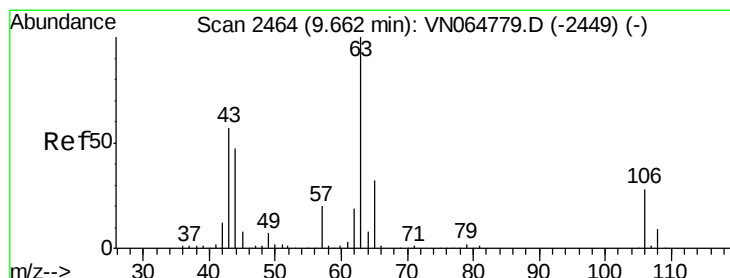
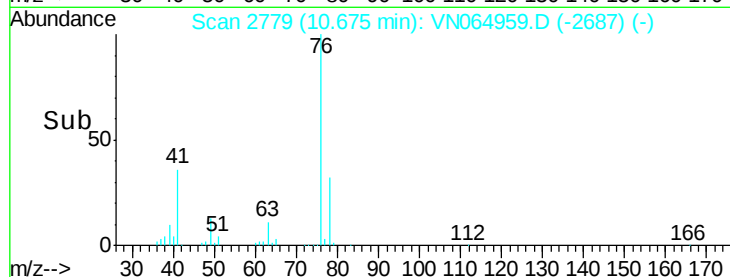
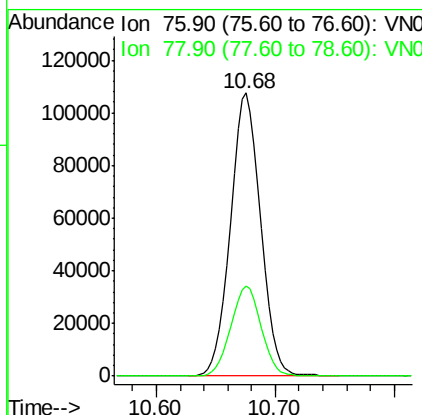
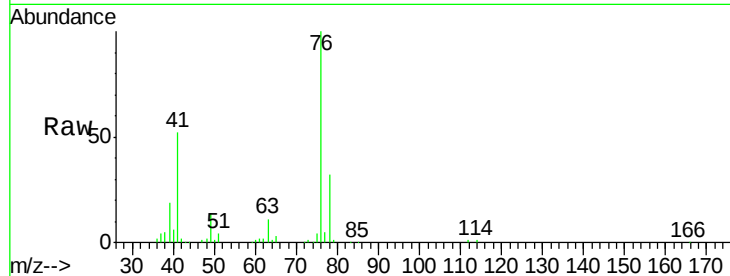
#57
 1,3-Dichloropropane
 Concen: 47.352 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN064959.D
 Acq: 8 Dec 2020 10:30

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion: 76 Resp: 188509
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.1 39.1

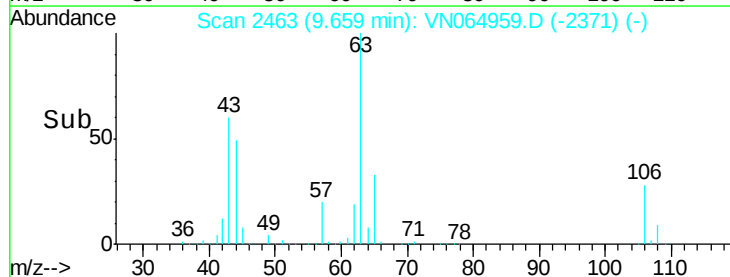
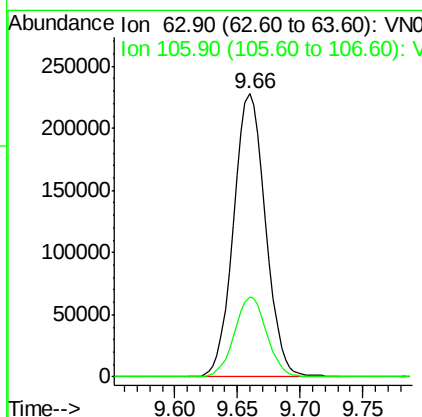
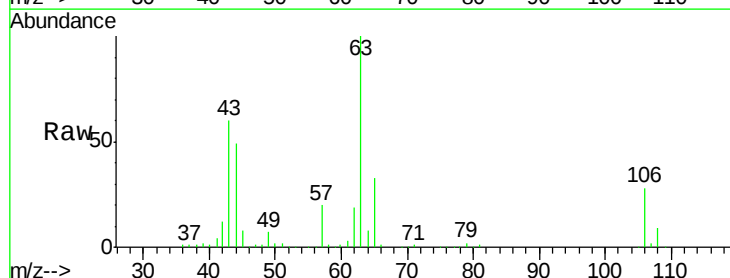
Manual Integrations
 APPROVED

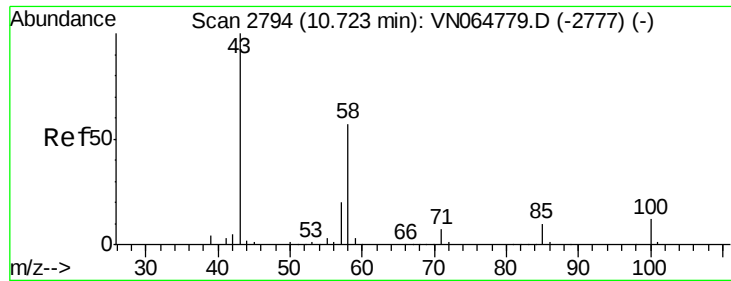
MMDadoda
 12/10/2020 9:55:42 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 220.626 ug/l
 RT: 9.66 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: VN064959.D
 Acq: 8 Dec 2020 10:30

Tgt Ion: 63 Resp: 404166
 Ion Ratio Lower Upper
 63 100
 106 28.6 22.7 34.1





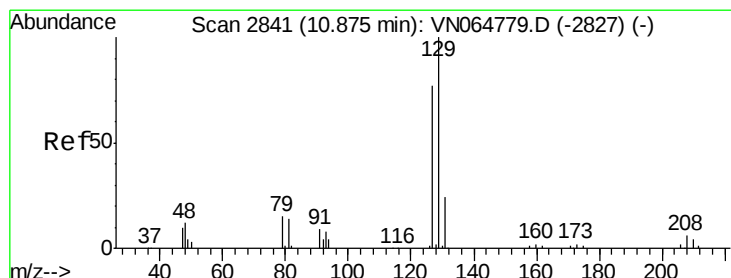
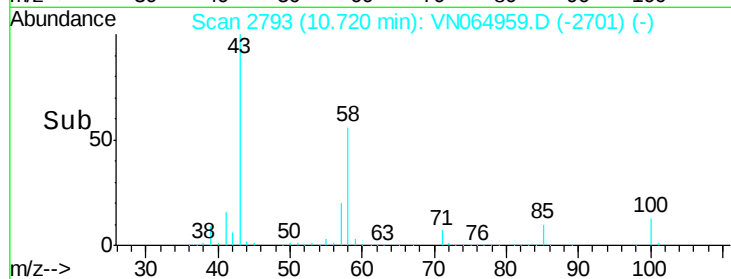
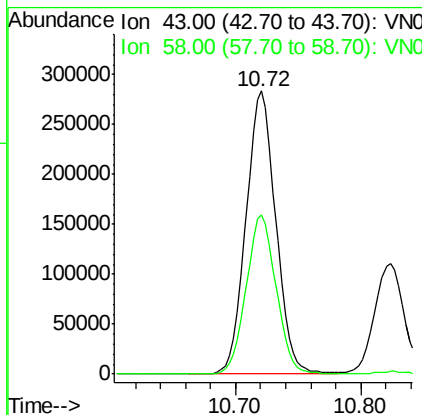
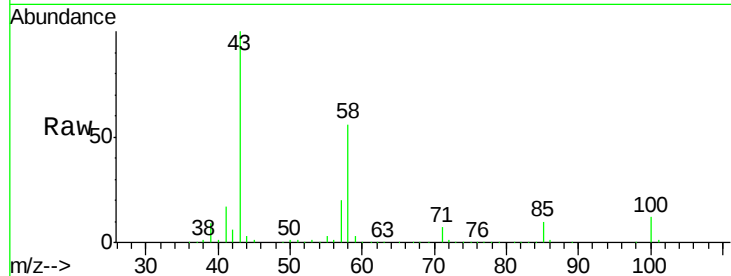
#59
2-Hexanone
Concen: 225.603 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 43 Resp: 469866
Ion Ratio Lower Upper
43 100
58 56.7 28.3 84.9

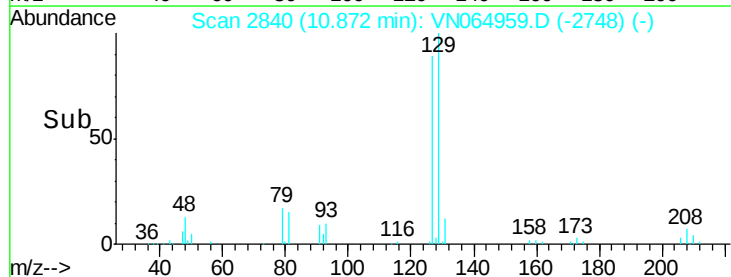
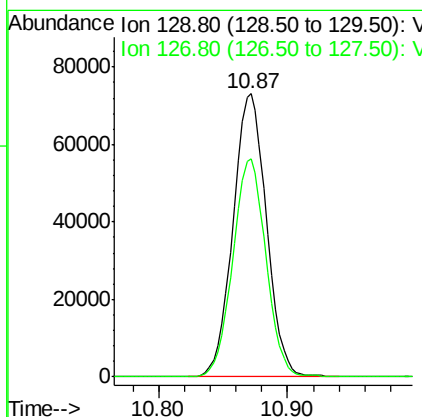
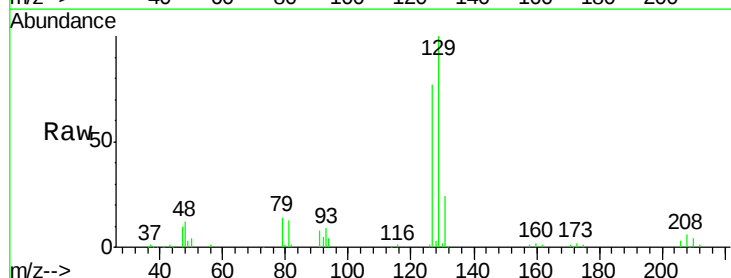
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#60
Dibromochloromethane
Concen: 49.030 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

Tgt Ion: 129 Resp: 131529
Ion Ratio Lower Upper
129 100
127 76.4 39.1 117.2





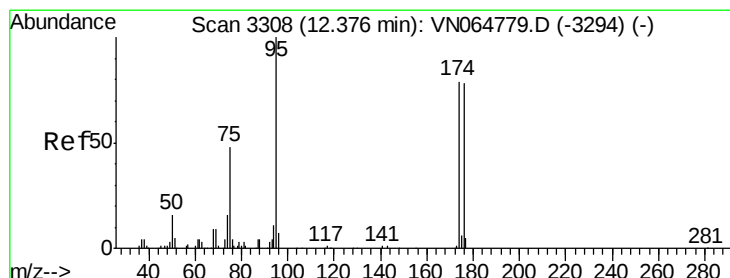
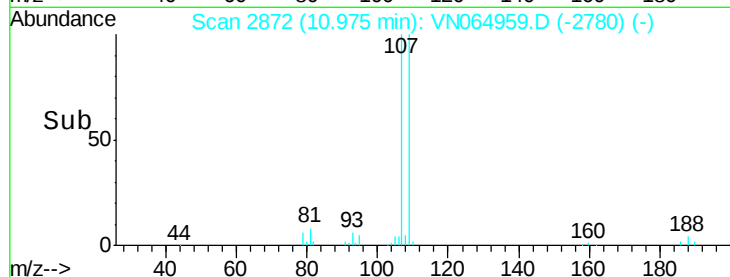
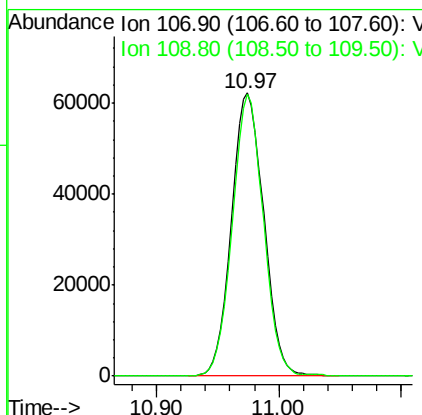
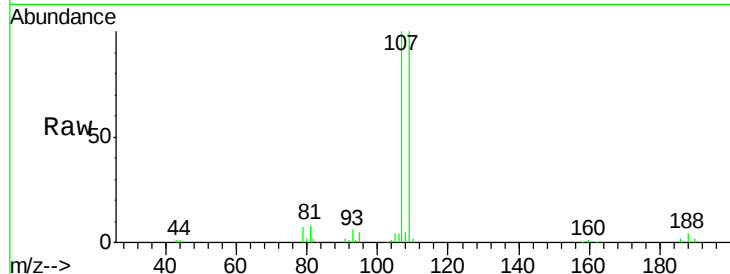
#61
 1,2-Dibromoethane
 Concen: 46.717 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN064959.D
 Acq: 8 Dec 2020 10:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	114546		
109	95.7	76.0	114.0	

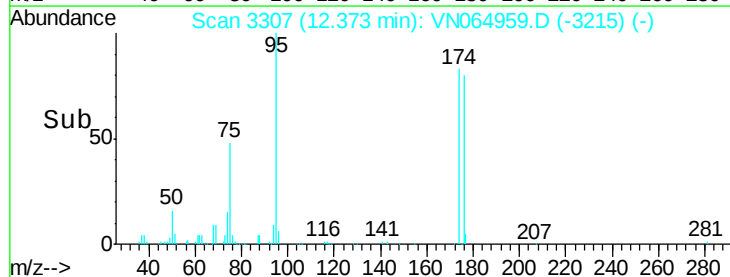
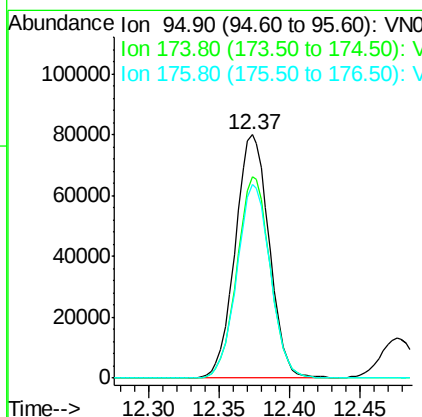
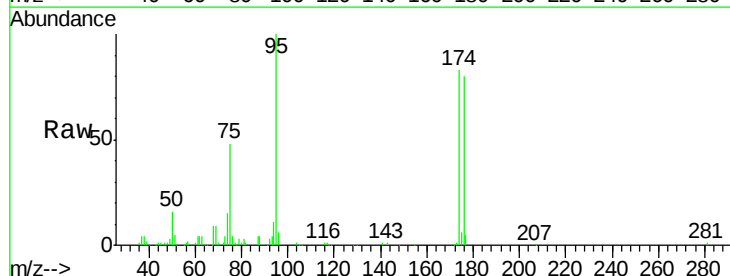
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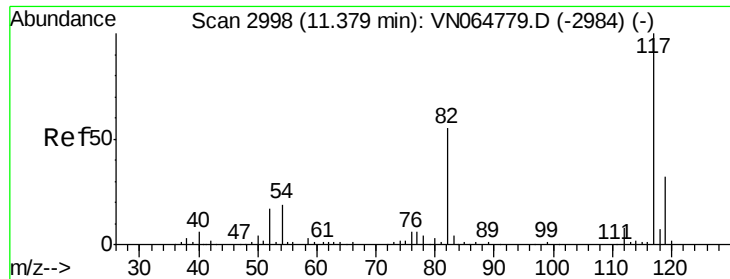
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#62
 4-Bromofluorobenzene
 Concen: 46.050 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN064959.D
 Acq: 8 Dec 2020 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	135188		
174	80.9	0.0	160.4	
176	78.6	0.0	158.4	





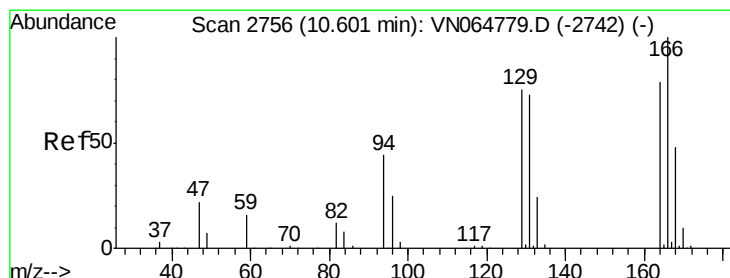
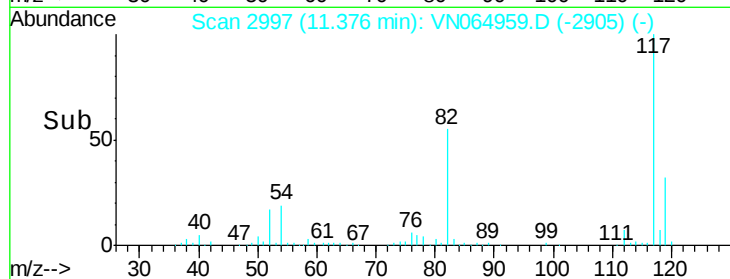
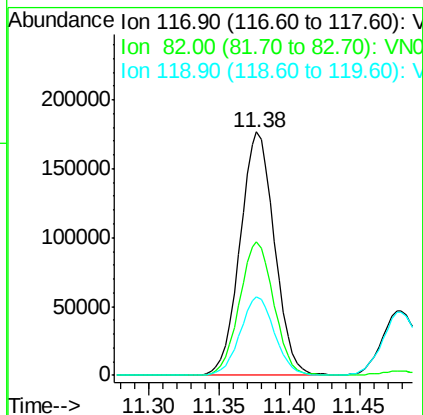
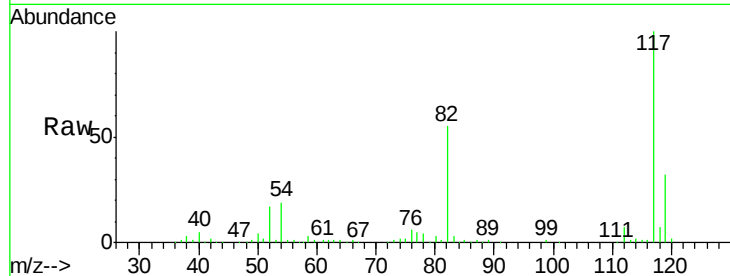
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.7	44.2	66.2
119	32.3	25.8	38.6

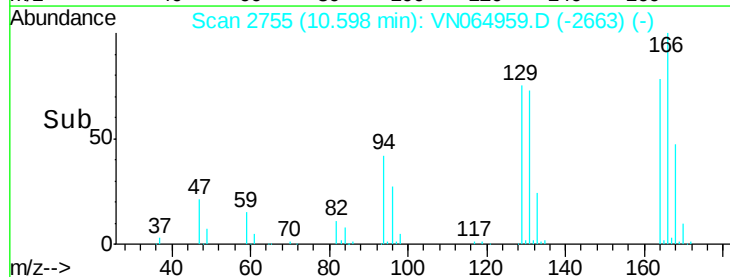
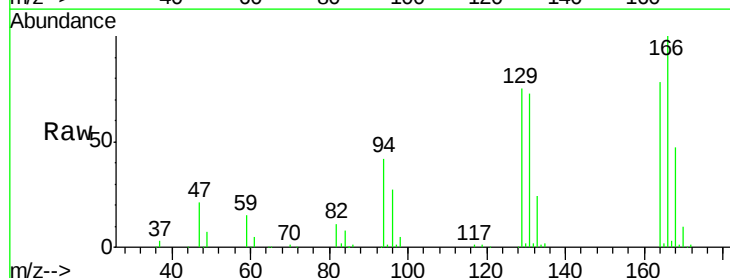
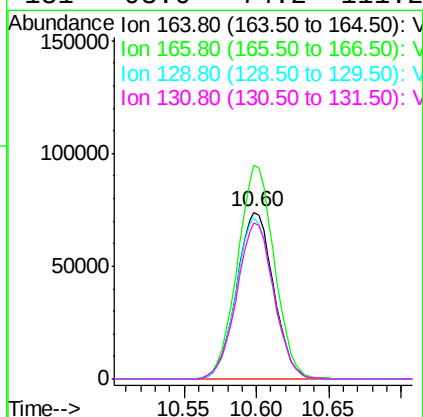
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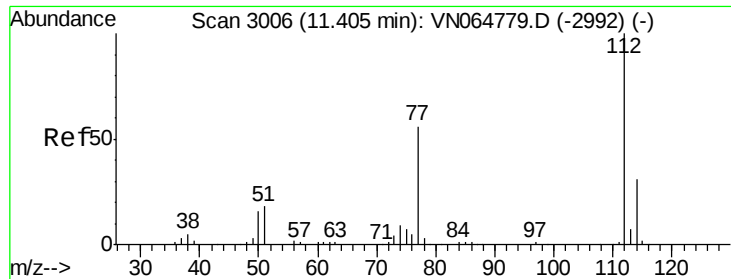
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#64
Tetrachloroethene
Concen: 44.607 ug/l
RT: 10.60 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.8	101.4	152.0
129	96.5	76.1	114.1
131	93.6	74.2	111.2





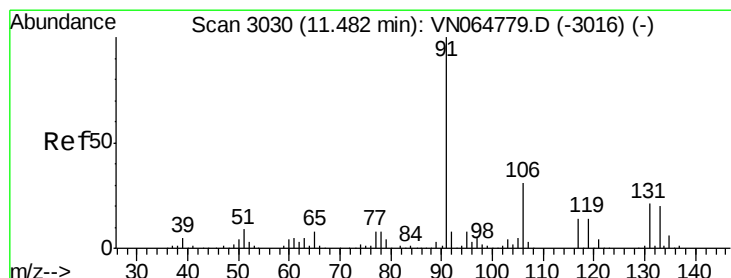
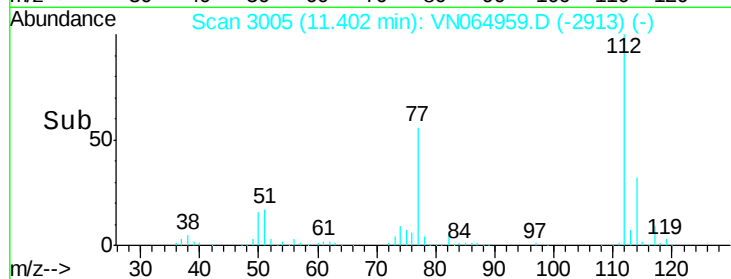
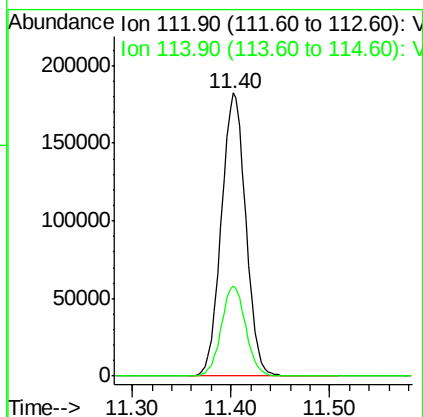
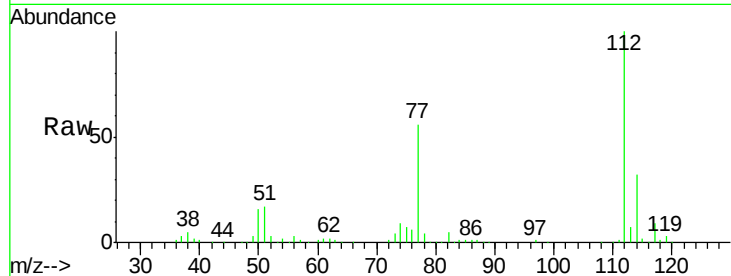
#65
Chlorobenzene
Concen: 49.012 ug/l
RT: 11.40 min Scan# 3005
Delta R.T. -0.00 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion:112 Resp: 318044
Ion Ratio Lower Upper
112 100
114 31.9 25.1 37.7

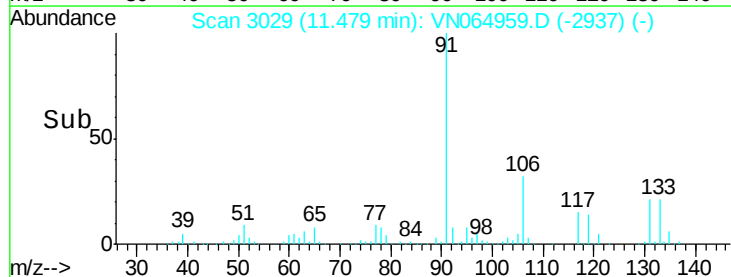
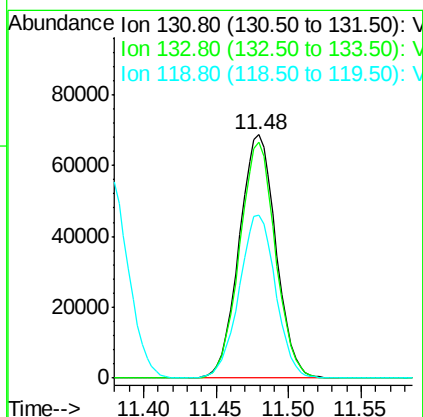
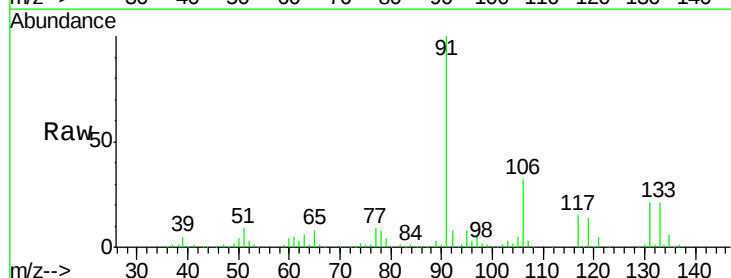
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.750 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

Tgt Ion:131 Resp: 121026
Ion Ratio Lower Upper
131 100
133 94.5 47.5 142.5
119 66.5 33.3 99.8





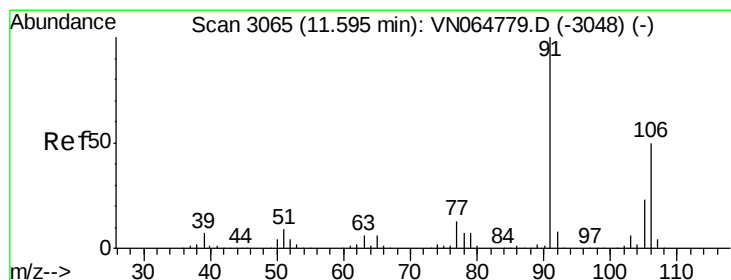
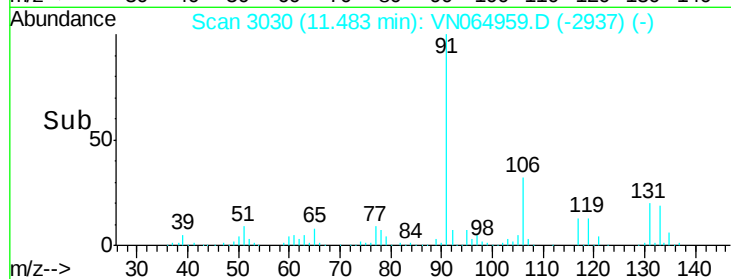
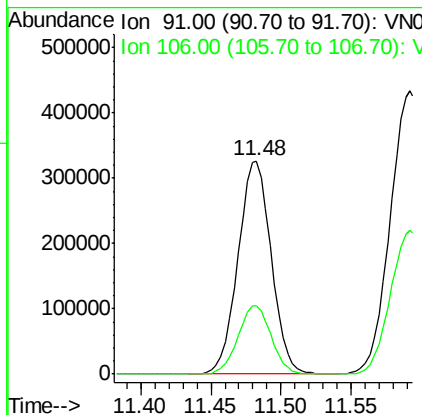
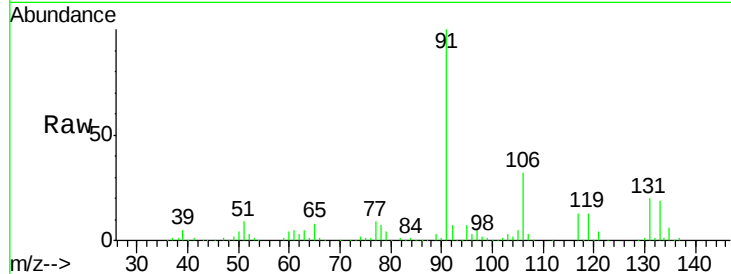
#67
Ethyl Benzene
Concen: 49.784 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 539686
Ion Ratio Lower Upper
91 100
106 32.1 25.2 37.8

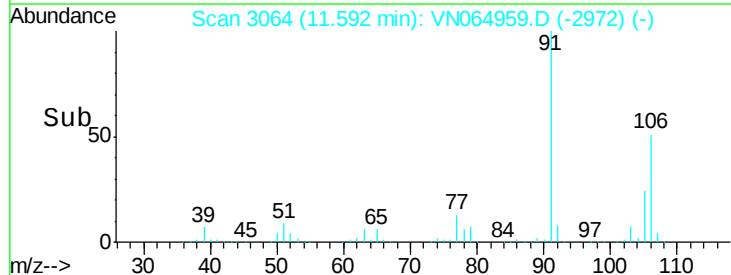
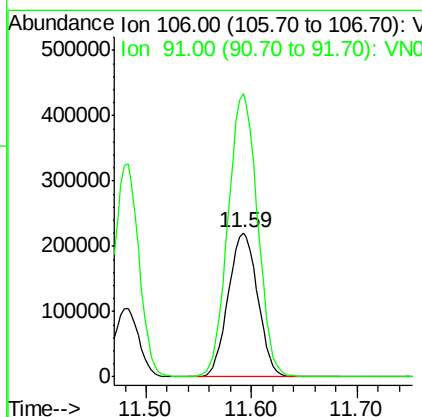
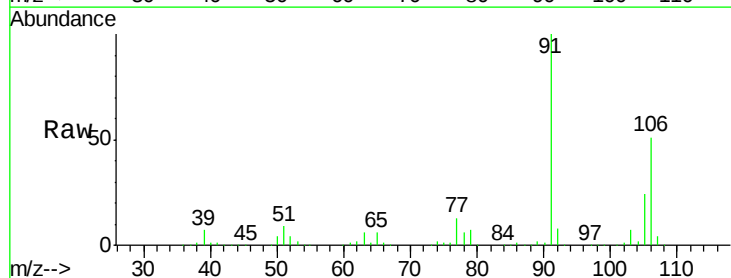
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#68
m/p-Xylenes
Concen: 103.694 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

Tgt Ion: 106 Resp: 425588
Ion Ratio Lower Upper
106 100
91 197.2 161.0 241.4



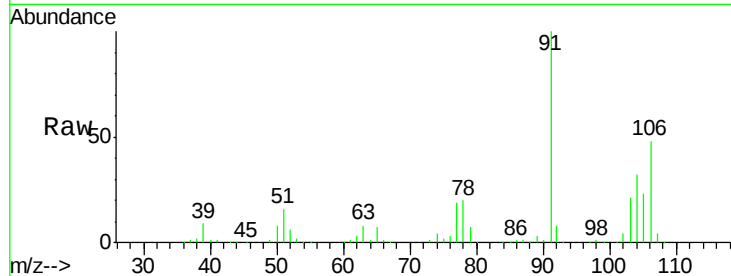


#69
o-Xylene
Concen: 51.280 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

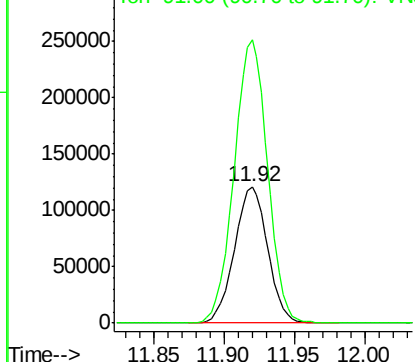
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion:106 Resp: 199722
Ion Ratio Lower Upper
106 100
91 208.9 105.5 316.5

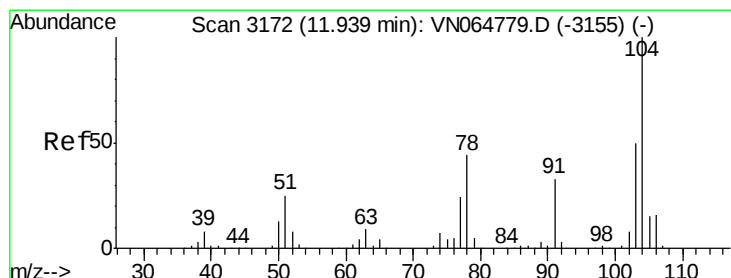
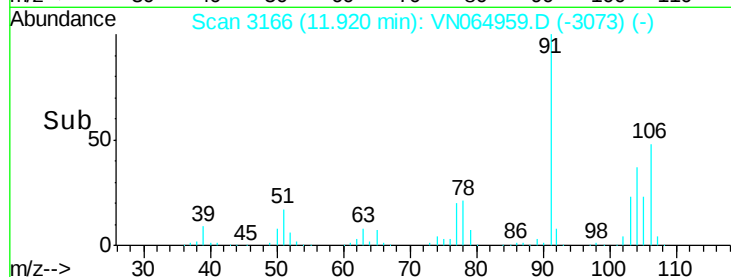
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Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

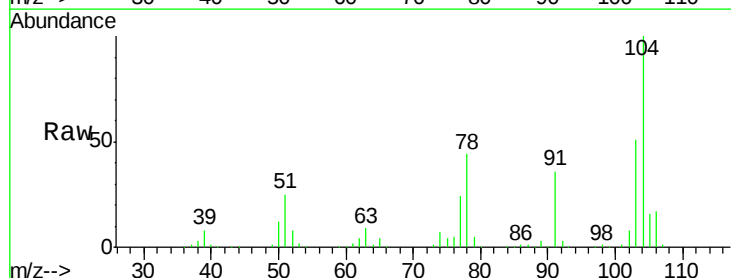


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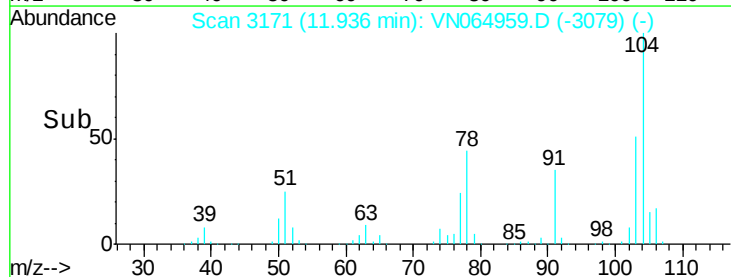
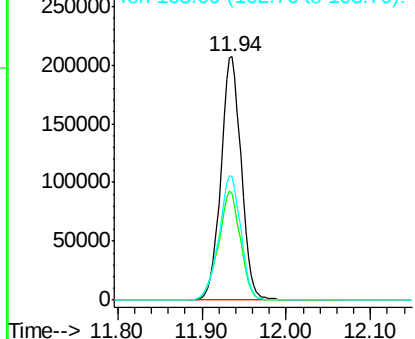


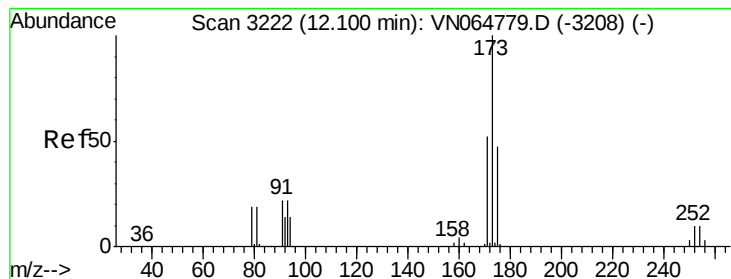
#70
Styrene
Concen: 52.790 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

Tgt Ion:104 Resp: 347091
Ion Ratio Lower Upper
104 100
78 48.3 39.0 58.6
103 54.8 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: 46.967 ug/l

RT: 12.10 min Scan# 3221

Delta R.T. -0.00 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 89459

Ion Ratio Lower Upper

173 100

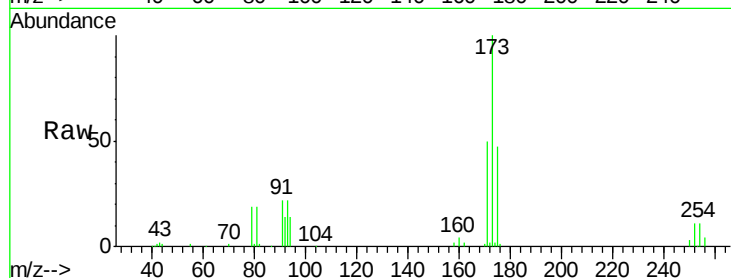
175 48.8 24.3 72.8

254 0.0 0.0 0.0

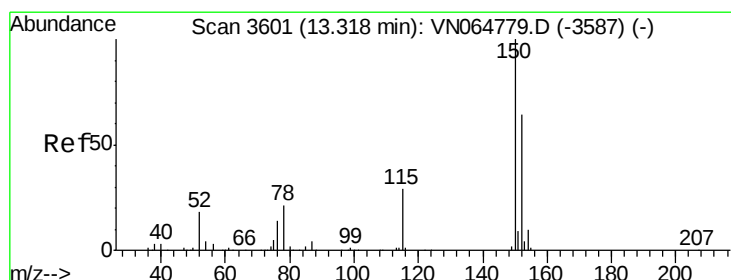
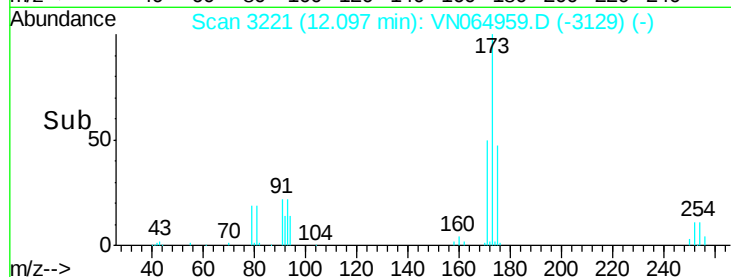
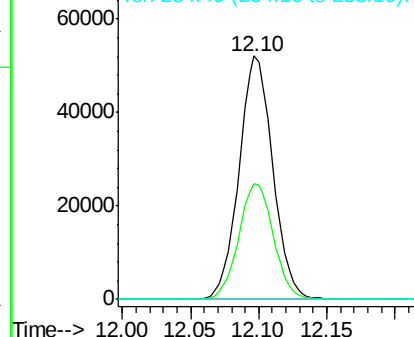
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

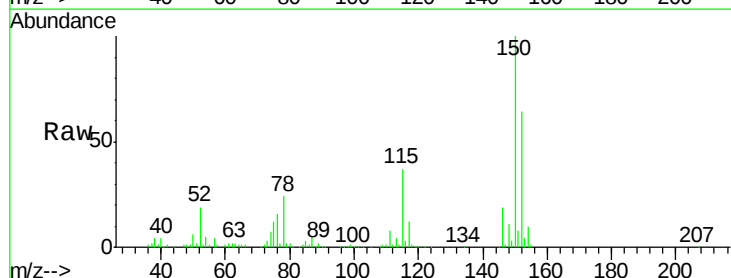
Tgt Ion:152 Resp: 150384

Ion Ratio Lower Upper

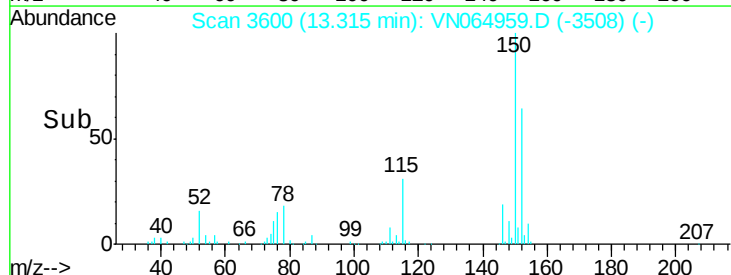
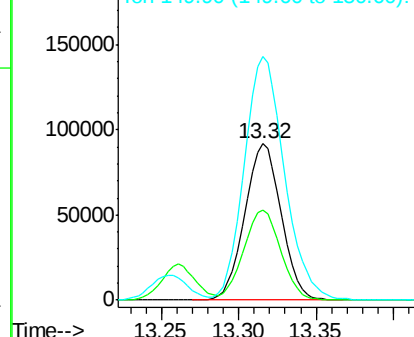
152 100

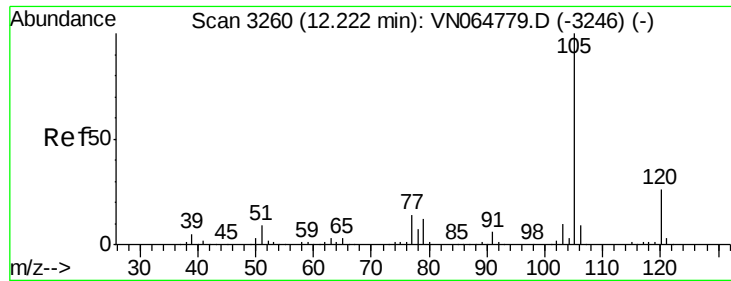
115 58.7 29.7 89.1

150 171.5 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: 50.224 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

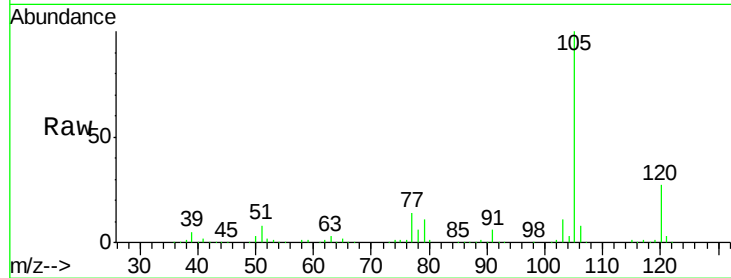
Tot Ion: 105 Resp: 525356

Ion Ratio Lower Upper

105 100

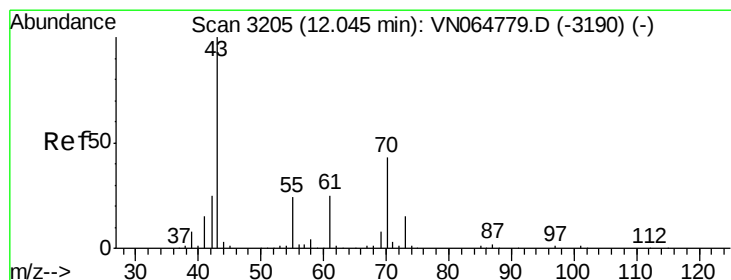
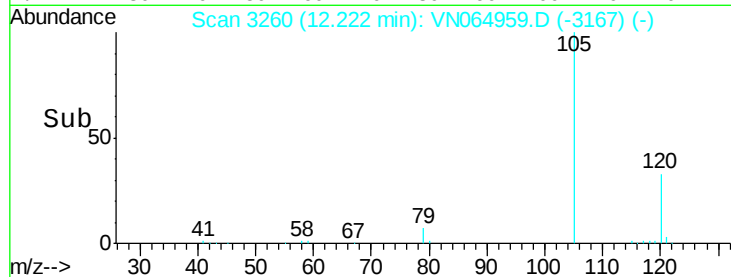
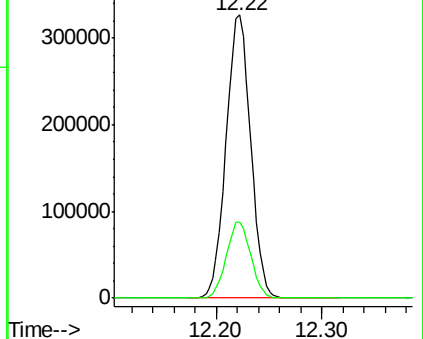
120 26.9 13.3 39.9

Manual Integrations
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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: 45.071 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

Tgt Ion: 43 Resp: 185534

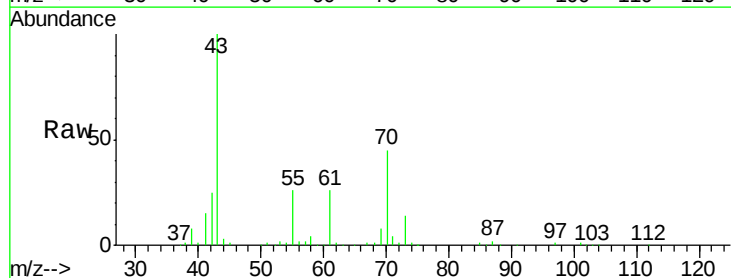
Ion Ratio Lower Upper

43 100

70 44.9 34.5 51.7

55 25.9 20.4 30.6

61 25.2 20.0 30.0

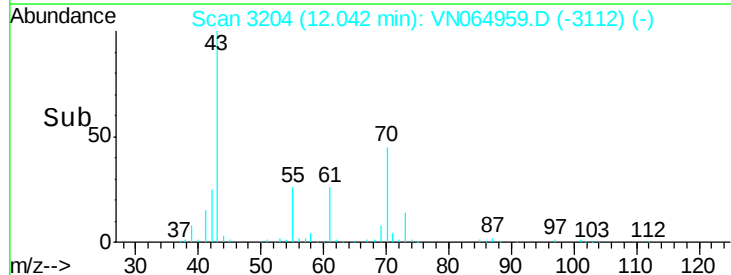
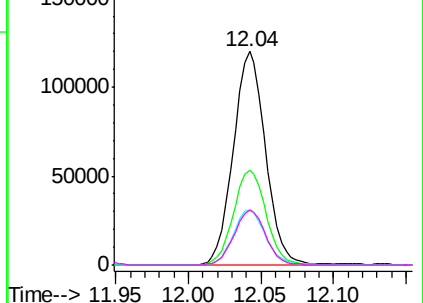


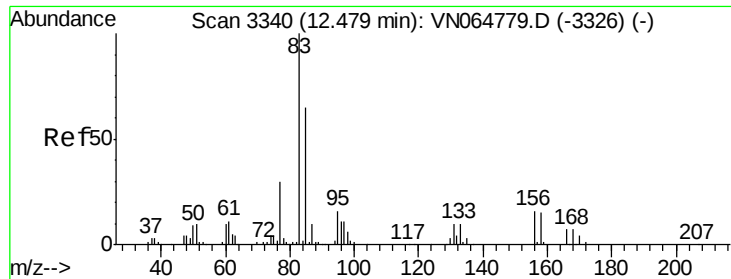
Abundance Ion 43.00 (42.70 to 43.70): V

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: 46.951 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 83 Resp: 143948
Ion Ratio Lower Upper

83 100

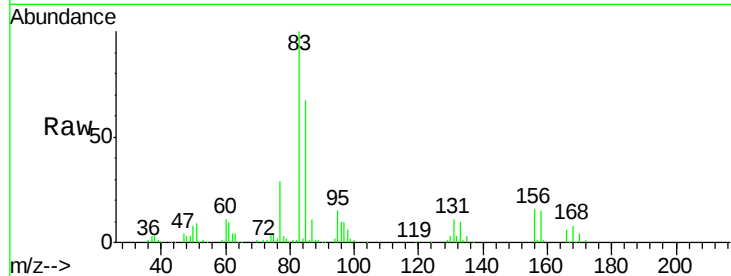
131 10.9 5.1 15.3

85 65.0 33.0 99.0

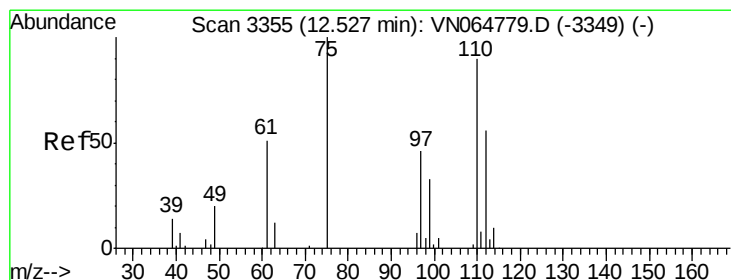
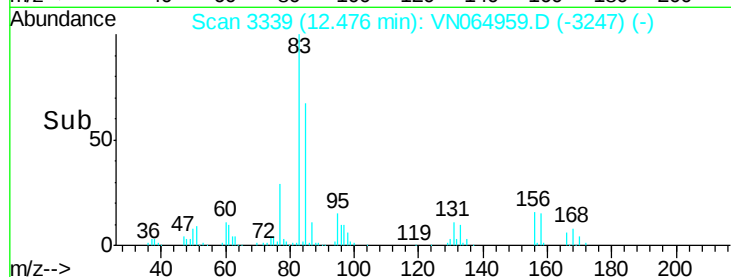
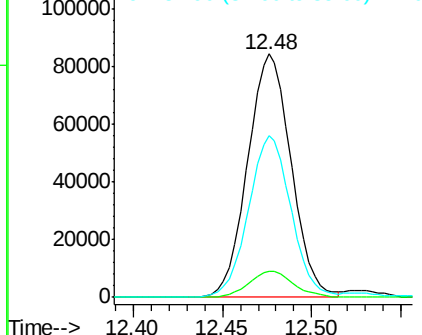
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Abundance Ion 82.90 (82.60 to 83.60): VN064779.D (-3326) (-)
Ion 130.80 (130.50 to 131.50): VN064779.D (-3326) (-)
Ion 84.90 (84.60 to 85.60): VN064779.D (-3326) (-)



#76

1,2,3-Trichloropropane

Concen: 43.150 ug/l m

RT: 12.52 min Scan# 3354

Delta R.T. -0.00 min

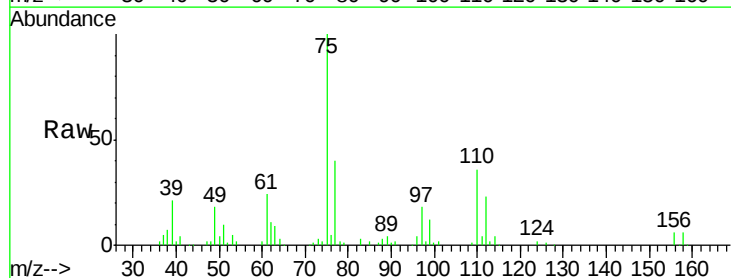
Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

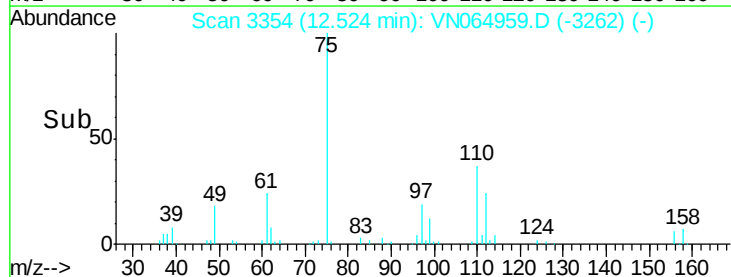
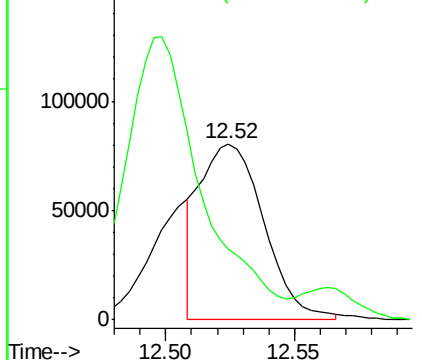
Tgt Ion: 75 Resp: 139746
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064779.D (-3349) (-)
Ion 77.00 (76.70 to 77.70): VN064779.D (-3349) (-)





#77

Bromobenzene

Concen: 48.560 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

Instrument :

MSVOA_N

ClientSampled :

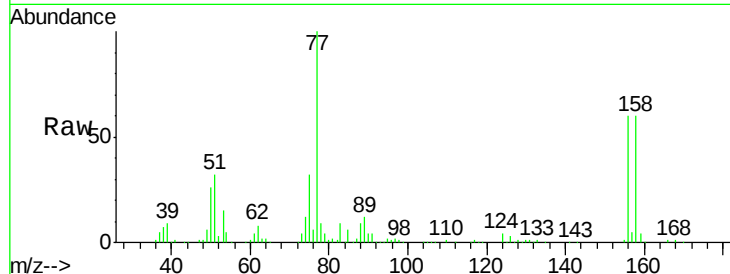
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	195.2	101.3	303.7	
158	96.1	48.2	144.6	

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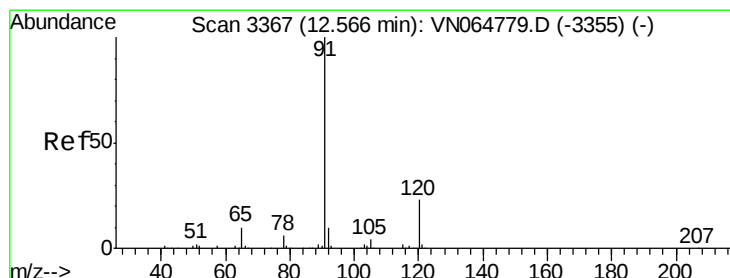
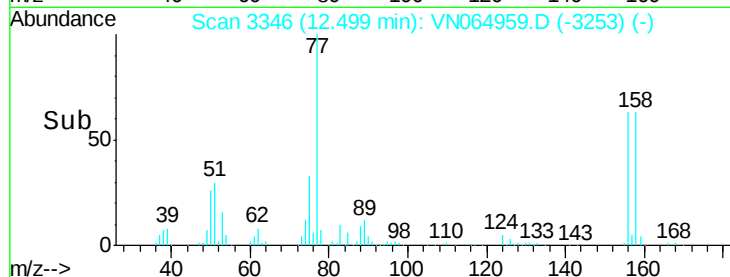
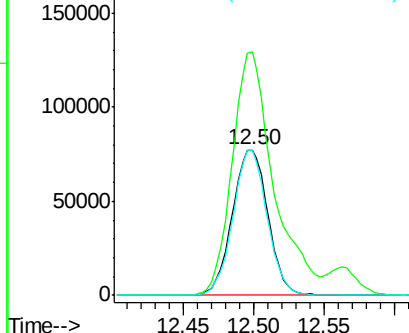
12/10/2020 9:55:42 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.631 ug/l

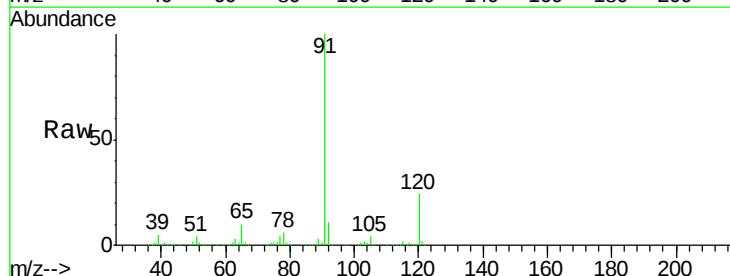
RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064959.D

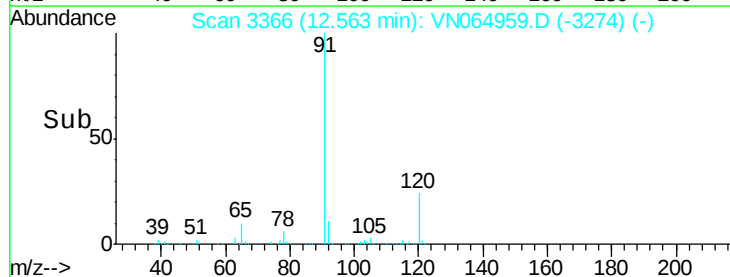
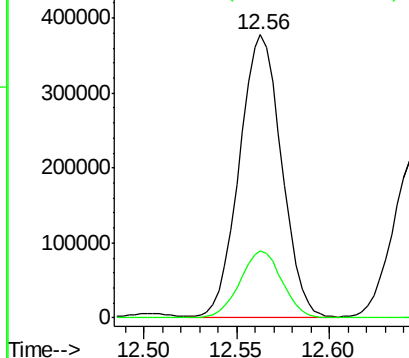
Acq: 8 Dec 2020 10:30

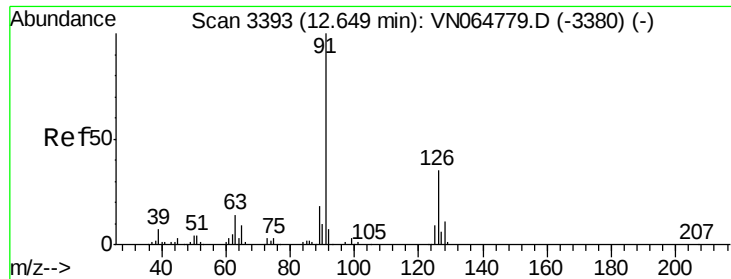
Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	23.8	11.6	34.7	



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





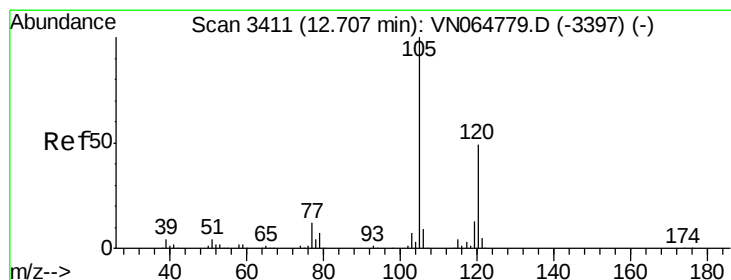
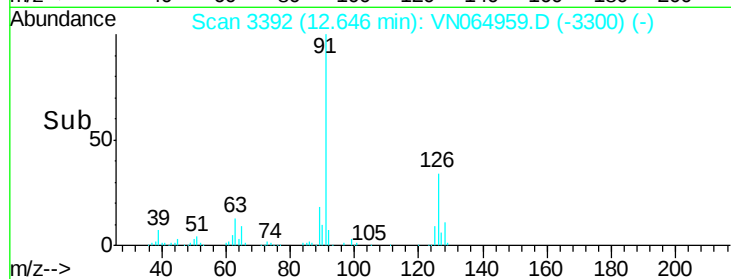
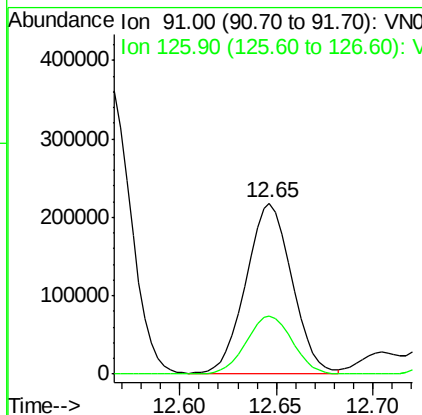
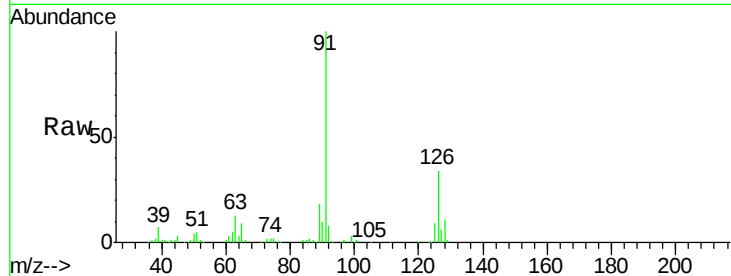
#79
 2-Chlorotoluene
 Concen: 48.492 ug/l
 RT: 12.65 min Scan# 3392
 Delta R.T. -0.00 min
 Lab File: VN064959.D
 Acq: 8 Dec 2020 10:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 357195
 Ion Ratio Lower Upper
 91 100
 126 34.9 17.2 51.6

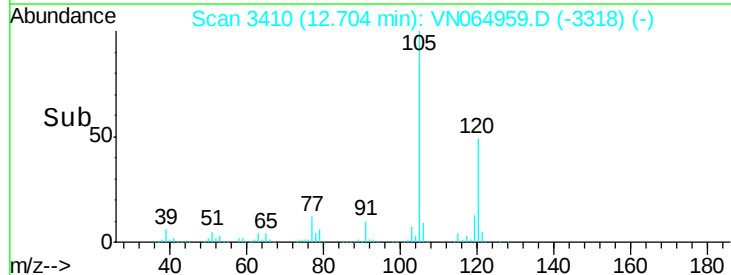
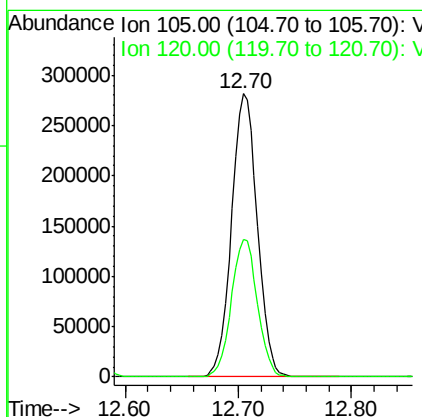
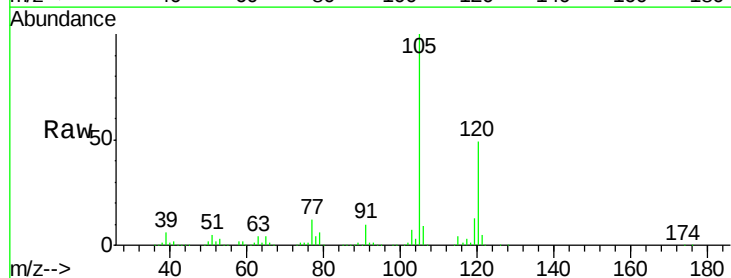
Manual Integrations
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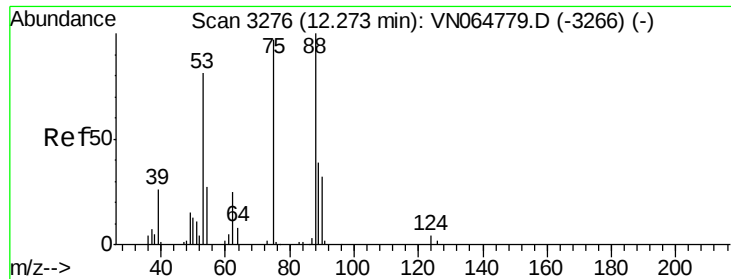
MMDadoda
 12/10/2020 9:55:42 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 51.298 ug/l
 RT: 12.70 min Scan# 3410
 Delta R.T. -0.00 min
 Lab File: VN064959.D
 Acq: 8 Dec 2020 10:30

Tgt Ion: 105 Resp: 446012
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.6 73.6





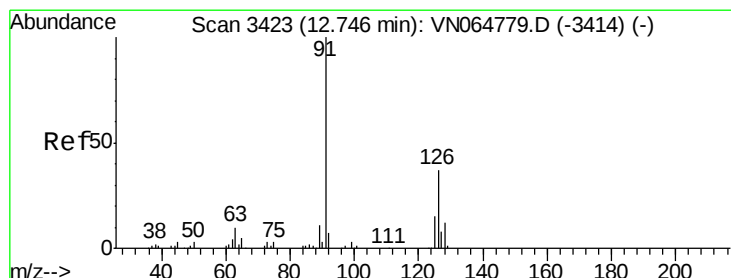
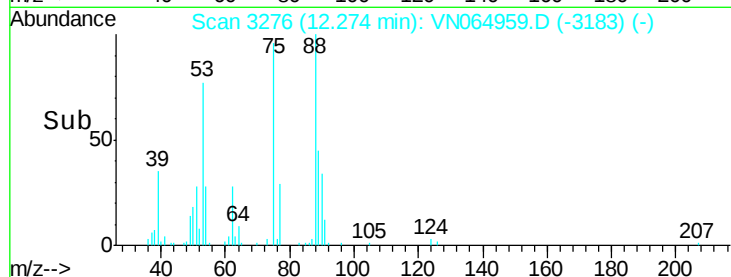
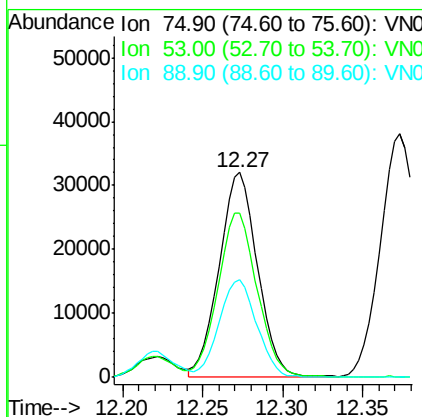
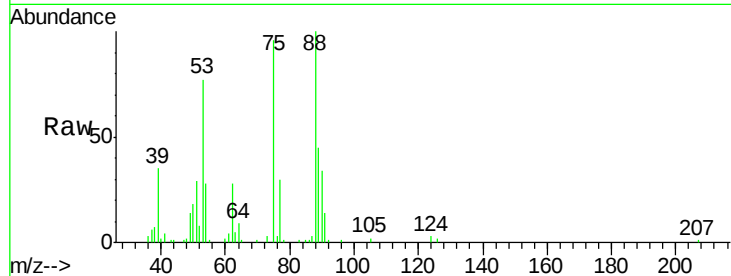
#81
trans-1,4-Dichloro-2-butene
Concen: 44.983 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. 0.00 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	80.5	67.0	100.4
89	46.4	39.6	59.4

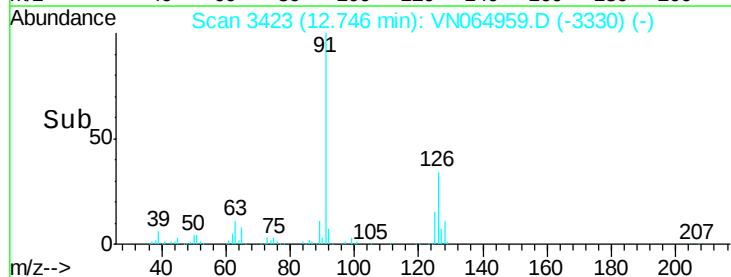
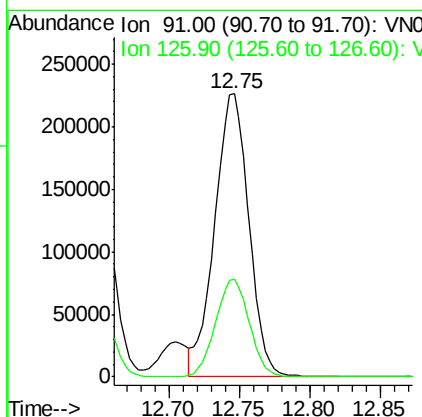
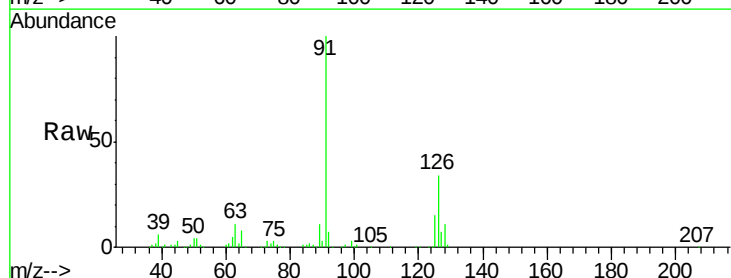
Manual Integrations
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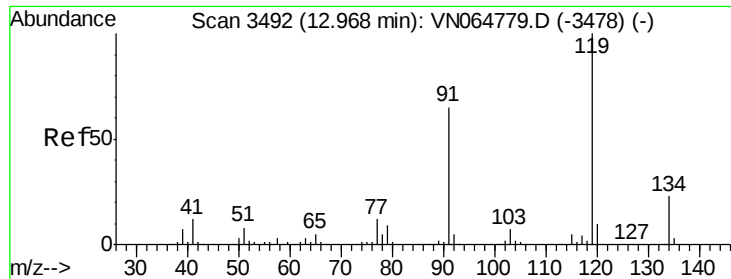
MMDadoda
12/10/2020 9:55:42 AM



#82
4-Chlorotoluene
Concen: 49.196 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.2	16.9	50.7





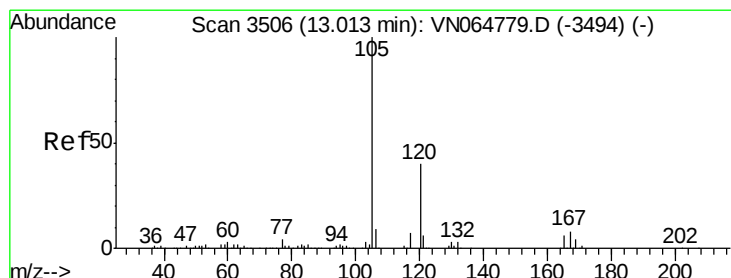
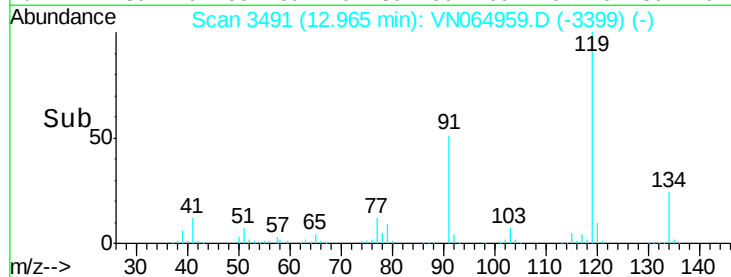
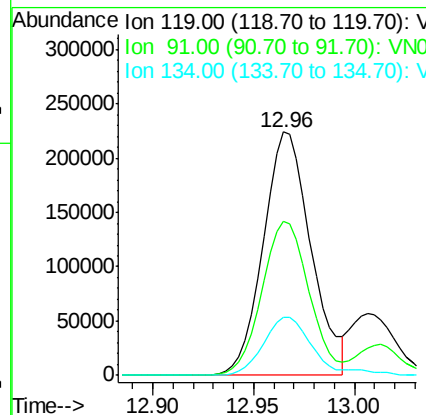
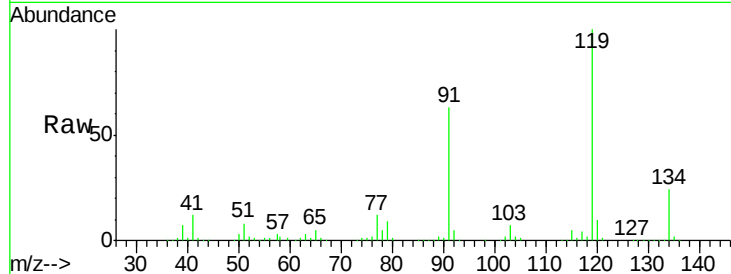
#83
 tert-Butylbenzene
 Concen: 50.720 ug/l
 RT: 12.96 min Scan# 3491
 Delta R.T. -0.00 min
 Lab File: VN064959.D
 Acq: 8 Dec 2020 10:30

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.3	32.3	96.8
134	25.0	12.6	37.6

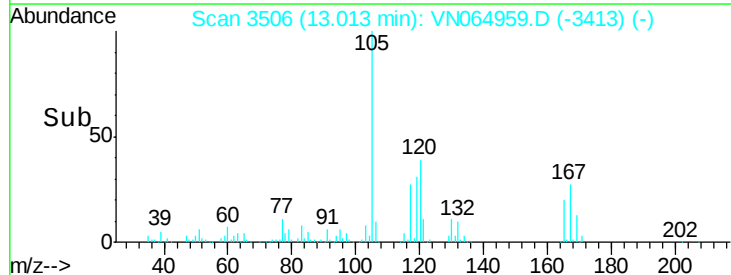
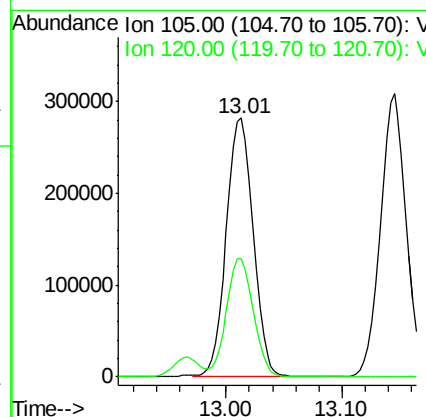
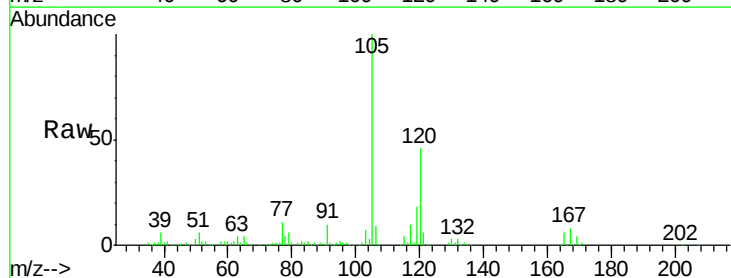
Manual Integrations
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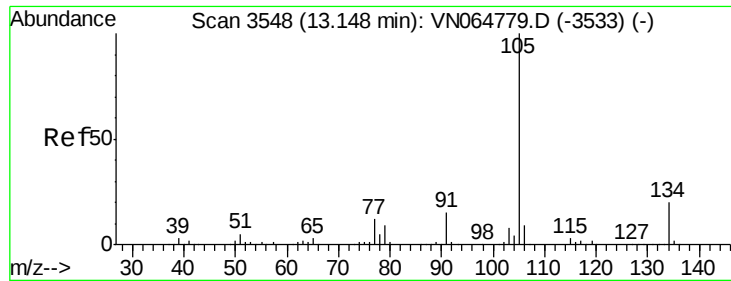
MMDadoda
 12/10/2020 9:55:42 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 51.392 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064959.D
 Acq: 8 Dec 2020 10:30

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.1	69.2





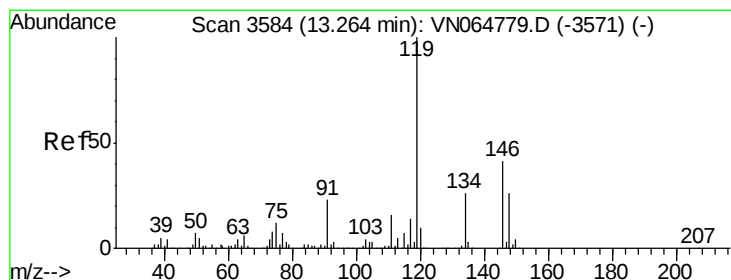
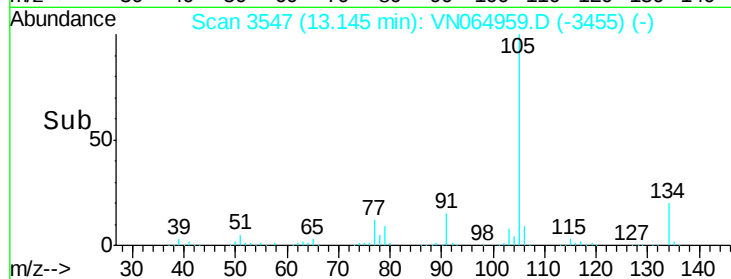
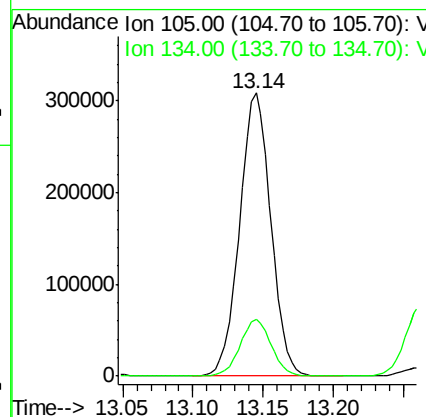
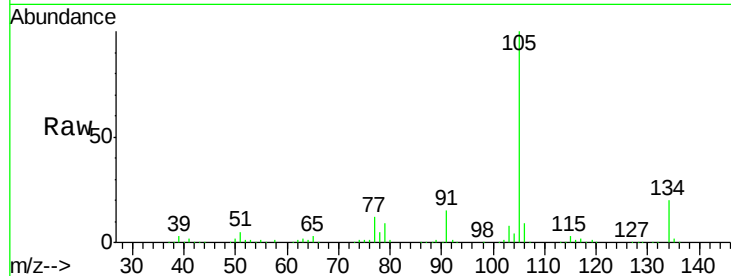
#85
 sec-Butylbenzene
 Concen: 49.324 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064959.D
 Acq: 8 Dec 2020 10:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.9	10.1	30.1

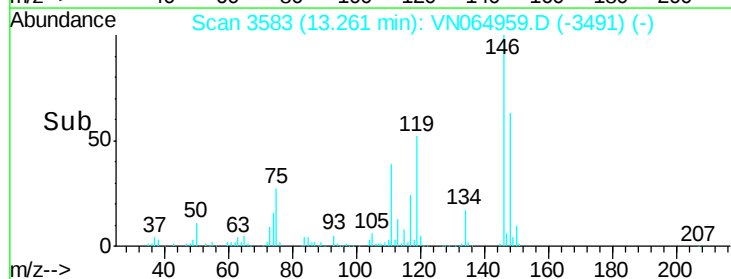
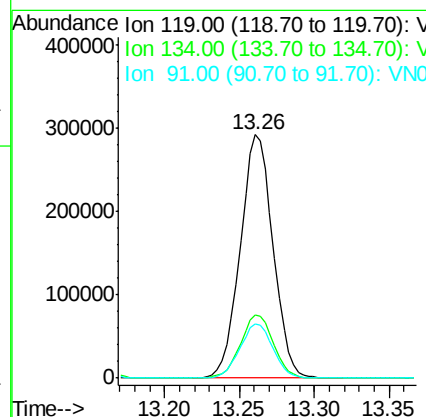
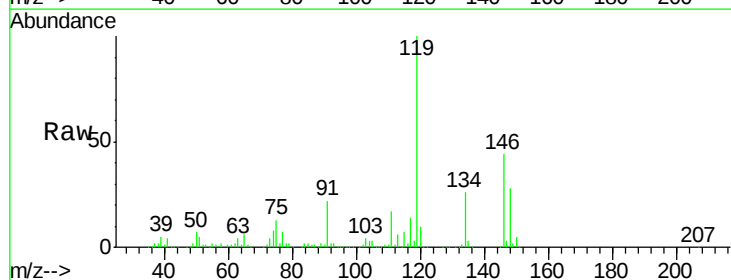
Manual Integrations
 APPROVED

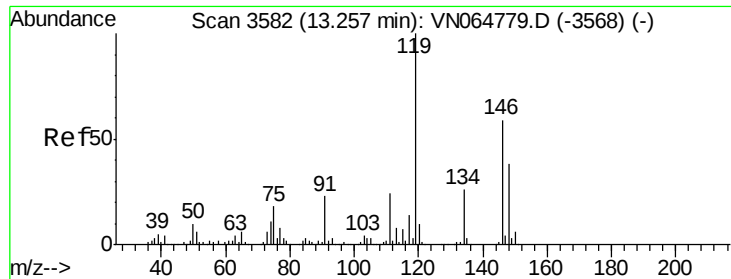
MMDadoda
 12/10/2020 9:55:42 AM



#86
 p-Isopropyltoluene
 Concen: 50.400 ug/l
 RT: 13.26 min Scan# 3583
 Delta R.T. -0.00 min
 Lab File: VN064959.D
 Acq: 8 Dec 2020 10:30

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.1	39.1
91	22.3	11.5	34.5





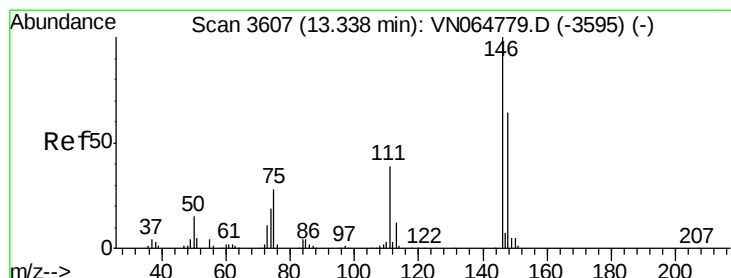
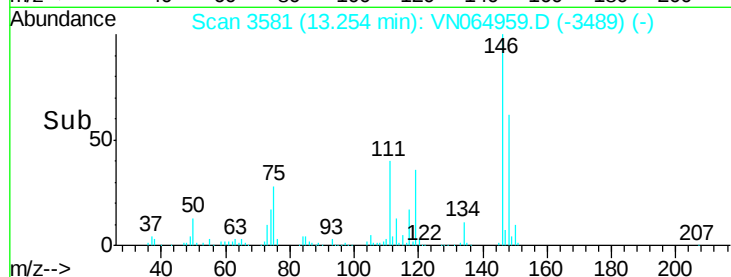
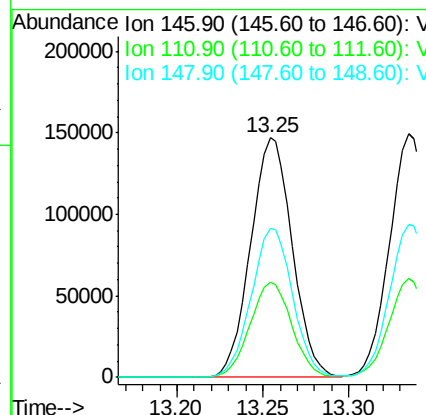
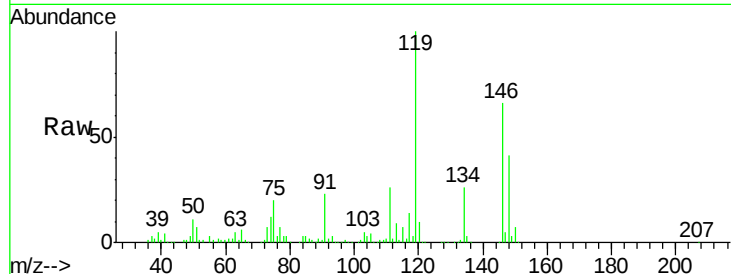
#87
 1,3-Dichlorobenzene
 Concen: 49.115 ug/l
 RT: 13.25 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN064959.D
 Acq: 8 Dec 2020 10:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	246083		
111	39.7	20.6	61.9	
148	62.0	31.9	95.5	

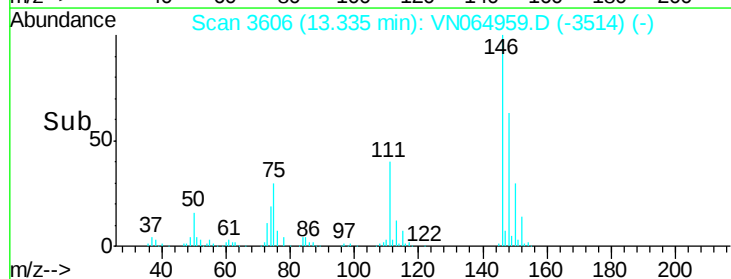
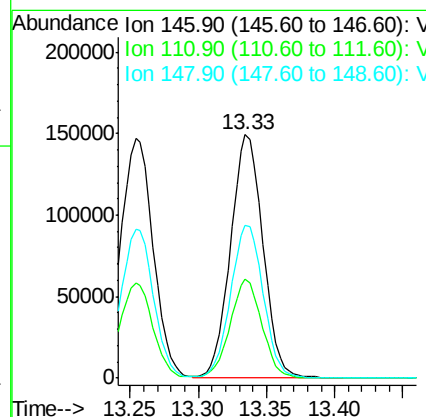
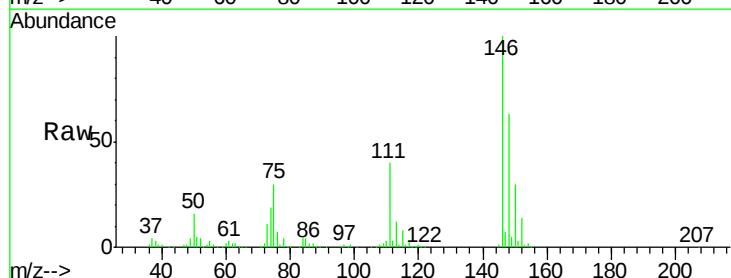
Manual Integrations
 APPROVED

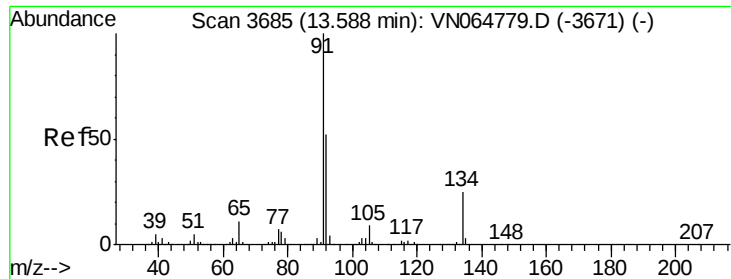
MMDadoda
 12/10/2020 9:55:42 AM



#88
 1,4-Dichlorobenzene
 Concen: 46.396 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN064959.D
 Acq: 8 Dec 2020 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	245839		
111	39.7	19.8	59.3	
148	63.3	31.9	95.5	





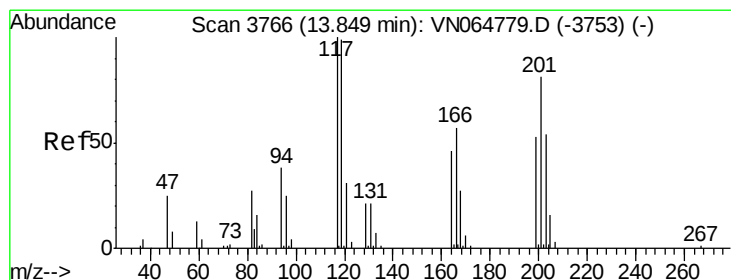
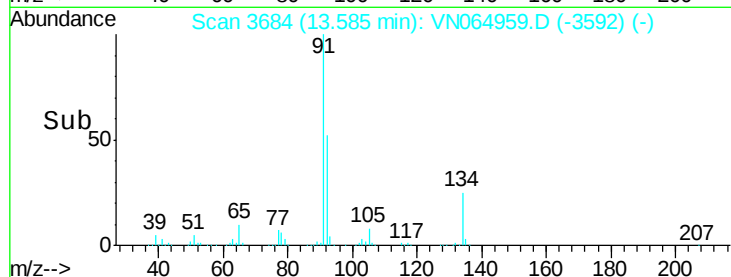
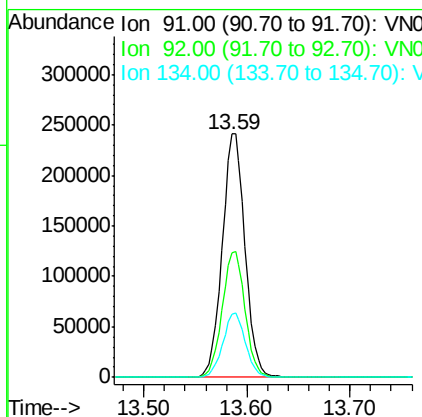
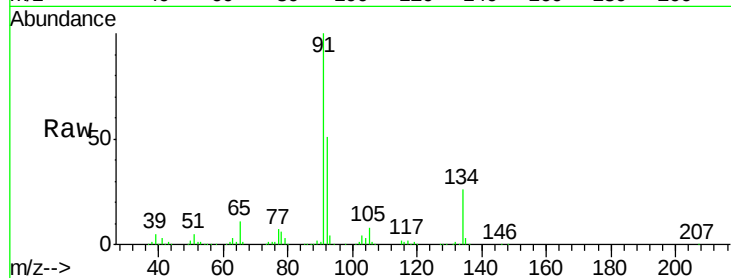
#89
n-Butylbenzene
Concen: 47.898 ug/l
RT: 13.59 min Scan# 3684
Delta R.T. -0.00 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.7	26.0	78.0
134	26.3	12.9	38.6

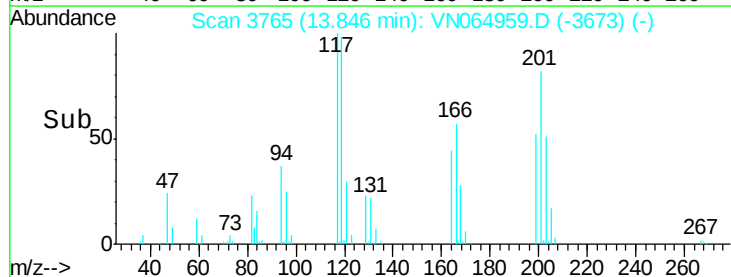
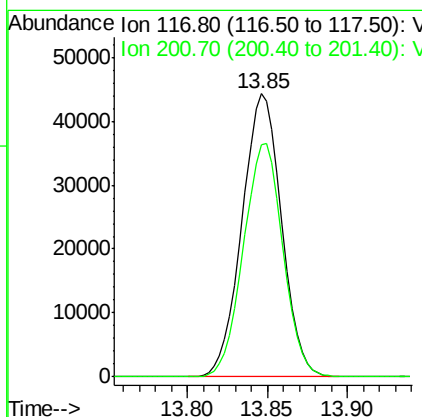
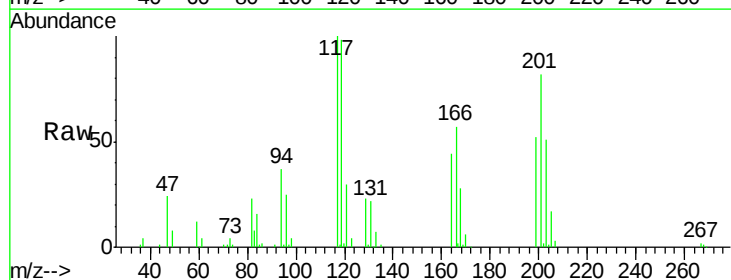
Manual Integrations
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12/10/2020 9:55:42 AM



#90
Hexachloroethane
Concen: 48.948 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.3	40.1	120.3





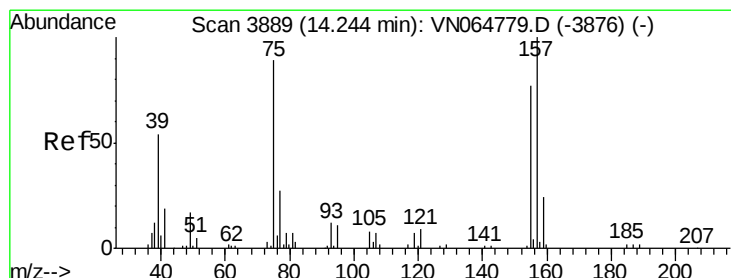
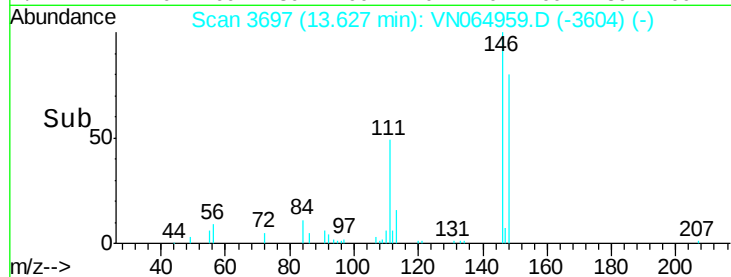
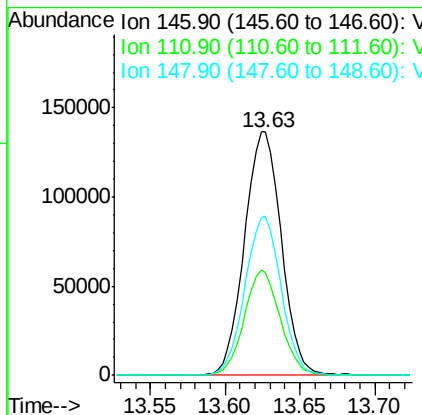
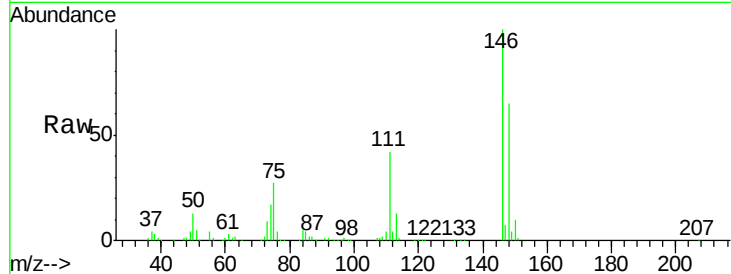
#91
 1,2-Dichlorobenzene
 Concen: 47.665 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064959.D
 Acq: 8 Dec 2020 10:30

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.1	63.1
148	64.2	32.0	96.2

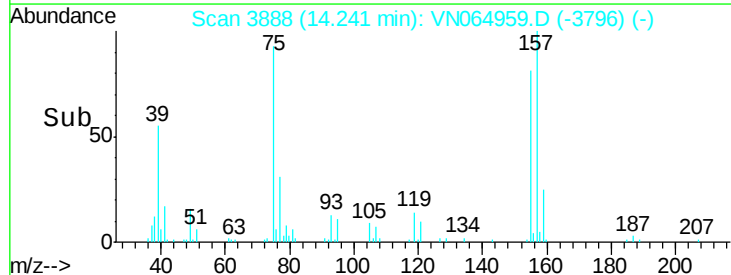
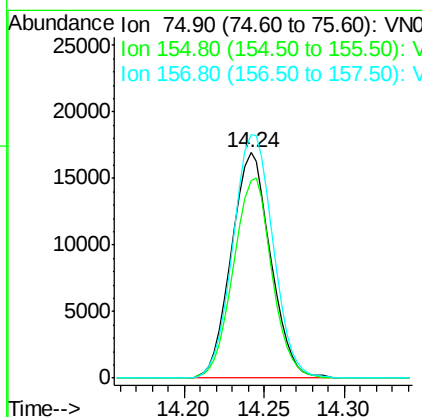
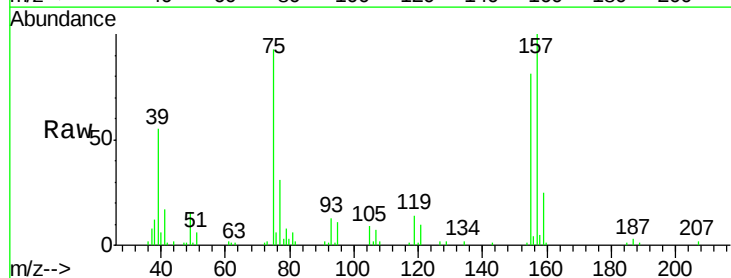
Manual Integrations
 APPROVED

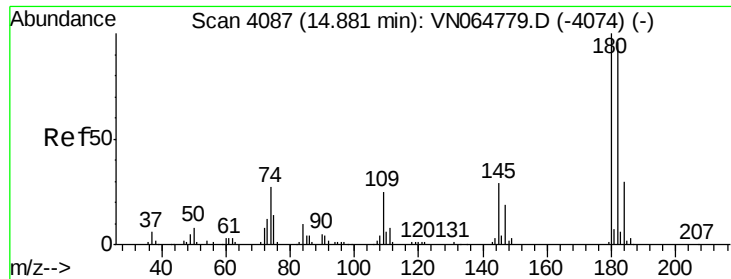
MMDadoda
 12/10/2020 9:55:42 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 41.097 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064959.D
 Acq: 8 Dec 2020 10:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.7	42.8	128.3
157	110.3	56.4	169.1





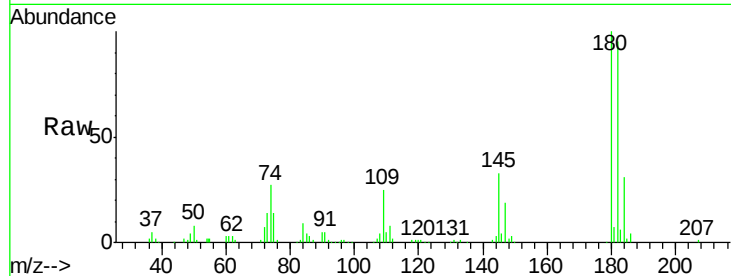
#93
1,2,4-Trichlorobenzene
Concen: 42.382 ug/l
RT: 14.88 min Scan# 4087
Delta R.T. 0.00 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	128980		
182	94.4	47.6	142.9	
145	31.8	15.3	45.8	

Manual Integrations
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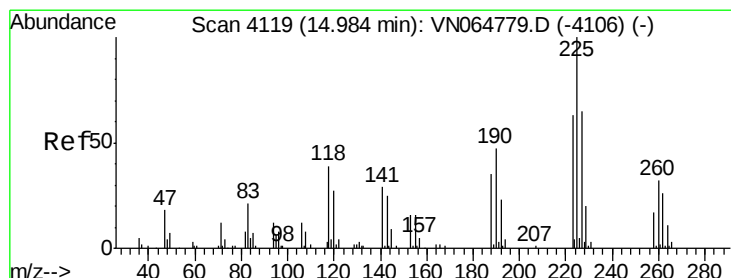
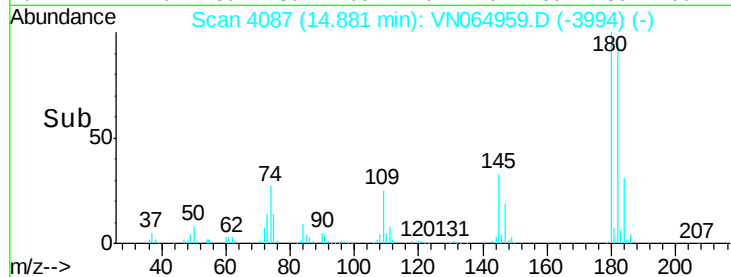
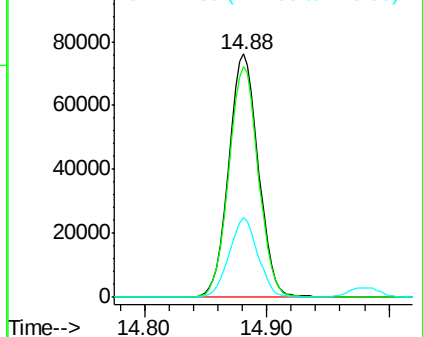


Abundance

Ion 179.80 (179.50 to 180.50): V

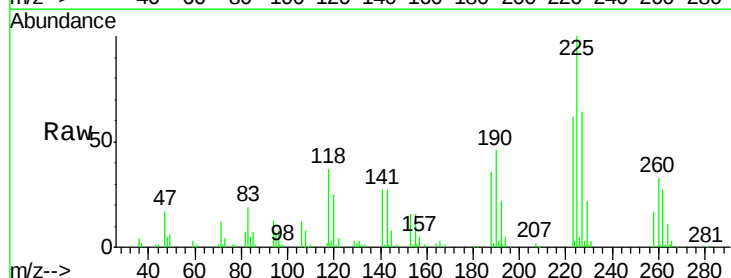
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
Hexachlorobutadiene
Concen: 47.193 ug/l
RT: 14.98 min Scan# 4118
Delta R.T. -0.00 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	64647		
223	63.1	31.0	93.0	
227	64.2	32.0	96.0	

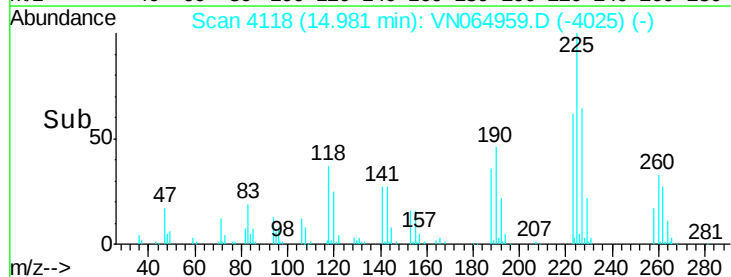
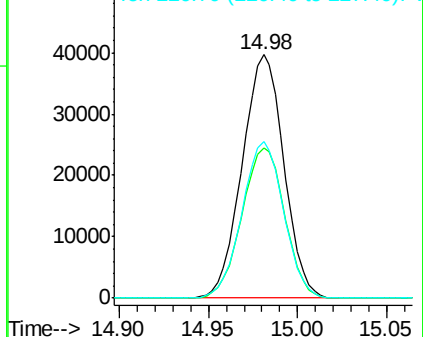


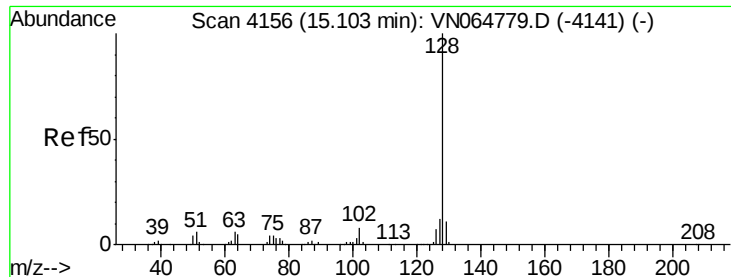
Abundance

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





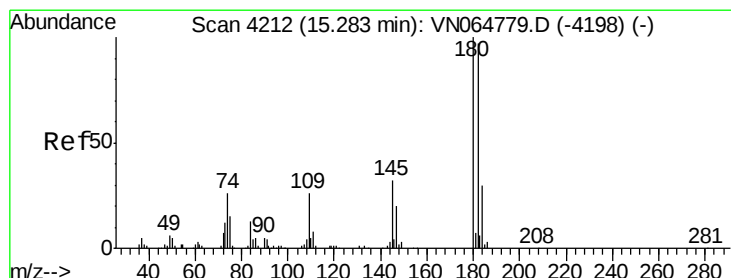
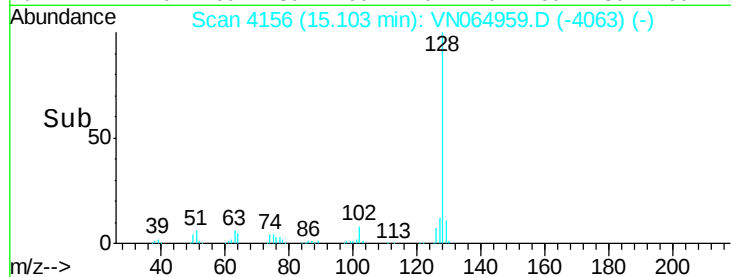
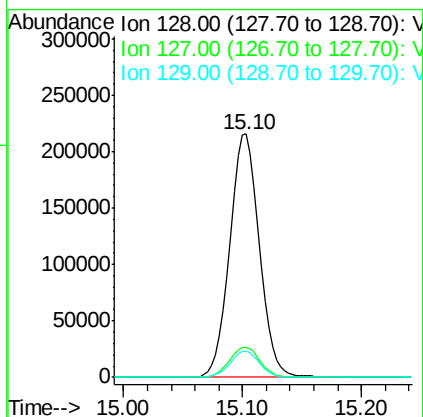
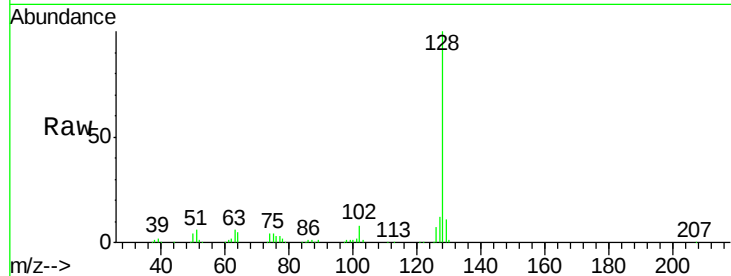
#95
Naphthalene
Concen: 40.811 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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

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#96
1,2,3-Trichlorobenzene
Concen: 42.353 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	48.1	144.4
145	33.7	16.4	49.1

