

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121020\
 Data File : VN065051.D
 Acq On : 10 Dec 2020 18:55
 Operator : JC/MD
 Sample : VN1210WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/11/2020 12:32:46 PM

Quant Time: Dec 11 04:06:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 10 16:04:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	199265	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	317878	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	284720	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	134183	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	113755	47.95	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.90%
35) Dibromofluoromethane	7.55	113	99298	47.22	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.44%
50) Toluene-d8	10.06	98	379964	47.10	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.20%
62) 4-Bromofluorobenzene	12.38	95	130592	47.22	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.44%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	23477	18.428	ug/l	99
3) Chloromethane	2.04	50	31221	17.976	ug/l	99
4) Vinyl Chloride	2.17	62	35467	19.112	ug/l	100
5) Bromomethane	2.53	94	24384	18.874	ug/l	100
6) Chloroethane	2.68	64	22806	17.968	ug/l	94
7) Trichlorofluoromethane	2.99	101	52411	17.791	ug/l	98
8) Diethyl Ether	3.38	74	21616	18.479	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	33805	18.422	ug/l	97
10) Methyl Iodide	3.91	142	38679	17.422	ug/l	100
11) Tert butyl alcohol	4.75	59	28131	97.895	ug/l #	86
12) 1,1-Dichloroethene	3.69	96	29903	17.405	ug/l	98
13) Acrolein	3.56	56	22305	95.979	ug/l	99
14) Allyl chloride	4.28	41	50589	18.170	ug/l	98
15) Acrylonitrile	4.94	53	81922	90.699	ug/l	99
16) Acetone	3.78	43	68744	81.695	ug/l	98
17) Carbon Disulfide	4.01	76	70475	18.503	ug/l	98
18) Methyl Acetate	4.28	43	41124	19.393	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	105482	18.214	ug/l	99
20) Methylene Chloride	4.51	84	39369	18.365	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	33149	17.673	ug/l	93
22) Diisopropyl ether	5.91	45	113246	18.658	ug/l	98
23) Vinyl Acetate	5.85	43	426210	90.856	ug/l	100
24) 1,1-Dichloroethane	5.80	63	65673	18.266	ug/l	99
25) 2-Butanone	6.79	43	103514	89.204	ug/l	98
26) 2,2-Dichloropropane	6.78	77	56035	18.188	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	40773	18.003	ug/l	97
28) Bromochloromethane	7.15	49	31906	18.670	ug/l	96
29) Tetrahydrofuran	7.17	42	67164	92.197	ug/l	98
30) Chloroform	7.33	83	69660	18.746	ug/l	100
31) Cyclohexane	7.61	56	48448	19.085	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	57584	18.091	ug/l	99
36) 1,1-Dichloropropene	7.76	75	46359	17.099	ug/l	99
37) Ethyl Acetate	6.88	43	42588	17.275	ug/l	98
38) Carbon Tetrachloride	7.73	117	51202	17.775	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	43923	16.484	ug/l	98
40) Benzene	8.00	78	149974	17.859	ug/l	99
41) Methacrylonitrile	7.13	41	19959	15.582	ug/l	87
42) 1,2-Dichloroethane	8.08	62	51030	17.921	ug/l	99
43) Isopropyl Acetate	8.13	43	72410	17.670	ug/l #	89
44) Trichloroethene	8.80	130	42267	18.021	ug/l	98
45) 1,2-Dichloropropane	9.08	63	41049	18.070	ug/l	97
46) Dibromomethane	9.17	93	26842	18.240	ug/l	97
47) Bromodichloromethane	9.37	83	54032	17.925	ug/l	97
48) Methyl methacrylate	9.17	41	33781	17.365	ug/l	98
49) 1,4-Dioxane	9.17	88	12694	361.408	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	222958	91.008	ug/l	99
52) Toluene	10.12	92	94422	17.943	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	56565	17.608	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	62686	17.446	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	38691	17.758	ug/l	99
56) Ethyl methacrylate	10.40	69	50472	17.542	ug/l	97
57) 1,3-Dichloropropane	10.68	76	64677	18.043	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	143313	93.470	ug/l	99
59) 2-Hexanone	10.72	43	157117	89.020	ug/l	97
60) Dibromochloromethane	10.87	129	45190	18.229	ug/l	99
61) 1,2-Dibromoethane	10.98	107	38828	17.803	ug/l	97
64) Tetrachloroethene	10.60	164	43030	17.787	ug/l	98
65) Chlorobenzene	11.41	112	103528	17.753	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	40579	18.103	ug/l	98
67) Ethyl Benzene	11.48	91	166685	17.131	ug/l	99
68) m/p-Xylenes	11.59	106	133105	35.299	ug/l	100
69) o-Xylene	11.92	106	62155	17.271	ug/l	98
70) Styrene	11.94	104	106965	17.574	ug/l	99
71) Bromoform	12.10	173	29902	17.562	ug/l #	99
73) Isopropylbenzene	12.22	105	165337	18.530	ug/l	99
74) N-amyl acetate	12.05	43	59953	18.654	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	51510	19.007	ug/l	96
76) 1,2,3-Trichloropropane	12.53	75	51060m	19.535	ug/l	
77) Bromobenzene	12.50	156	44724	18.849	ug/l	99
78) n-propylbenzene	12.57	91	182380	18.121	ug/l	100
79) 2-Chlorotoluene	12.65	91	113350	18.413	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	139495	18.578	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	16568	18.042	ug/l	99
82) 4-Chlorotoluene	12.75	91	115053	17.733	ug/l	100
83) tert-Butylbenzene	12.97	119	115299	18.605	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	137559	18.146	ug/l	99
85) sec-Butylbenzene	13.14	105	147894	18.313	ug/l	99
86) p-Isopropyltoluene	13.26	119	135833	18.253	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	76929	18.244	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	77546	18.137	ug/l	96
89) n-Butylbenzene	13.59	91	103283	16.889	ug/l	99
90) Hexachloroethane	13.85	117	23729	17.591	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	76742	18.285	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	9589	18.046	ug/l	98

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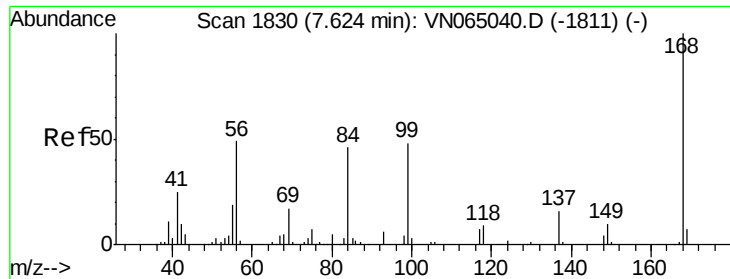
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	36059	19.638	ug/l	98
94) Hexachlorobutadiene	14.98	225	20421	17.623	ug/l	96
95) Naphthalene	15.10	128	101926	19.561	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	33173	19.181	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBSD01

Tot Ion:168 Resp: 199265

Ion Ratio Lower Upper

168 100

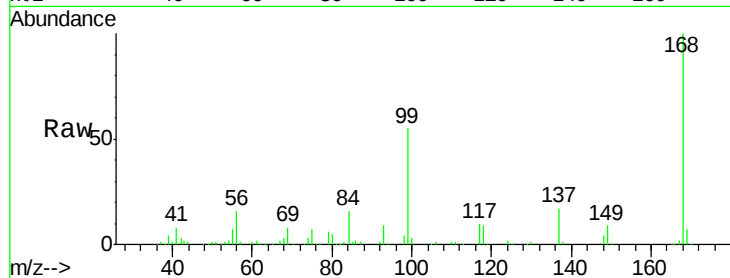
99 54.6 44.0 66.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

80000

60000

40000

20000

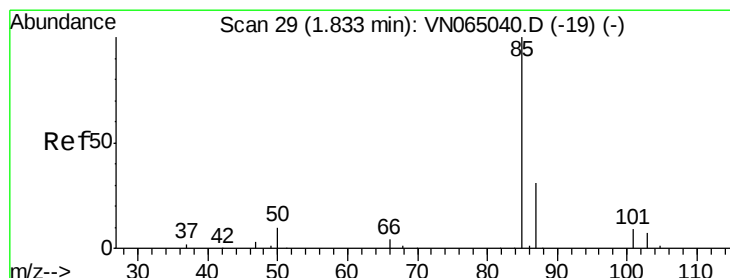
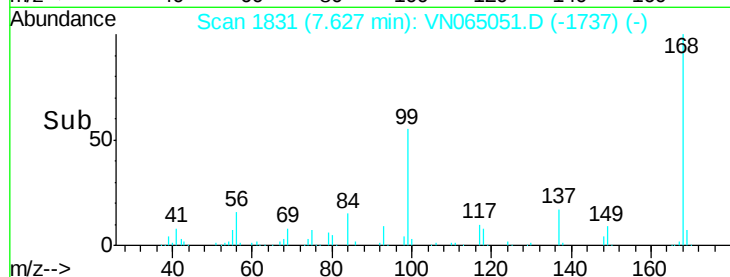
0

7.50

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 18.428 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN065051.D

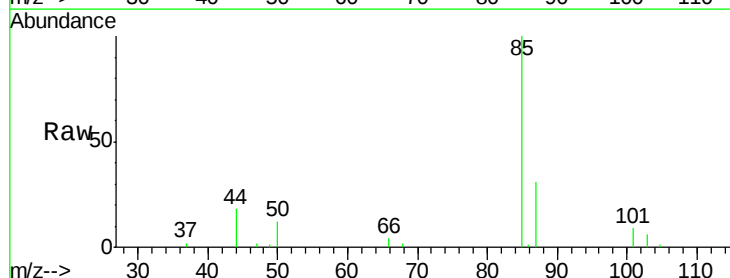
Acq: 10 Dec 2020 18:55

Tgt Ion: 85 Resp: 23477

Ion Ratio Lower Upper

85 100

87 31.2 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

20000

15000

10000

5000

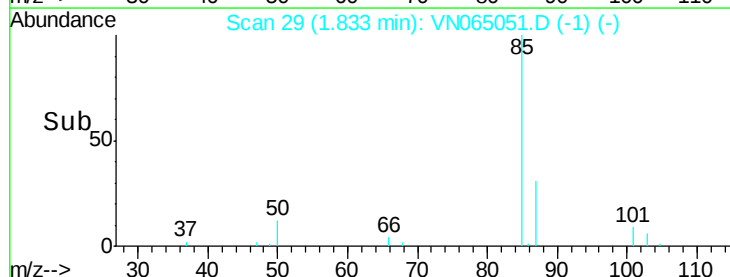
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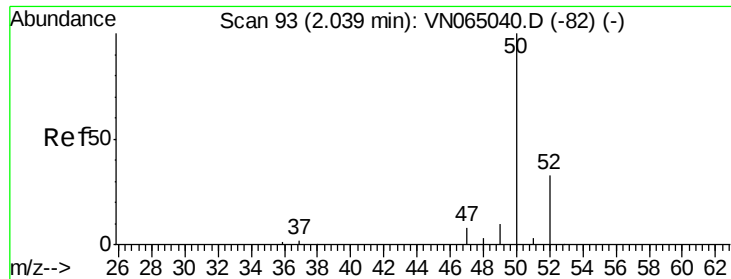
1.80

1.85

1.90

Time-->





#3

Chloromethane

Concen: 17.976 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBSD01

Tot Ion: 50 Resp: 31221

Ion Ratio Lower Upper

50 100

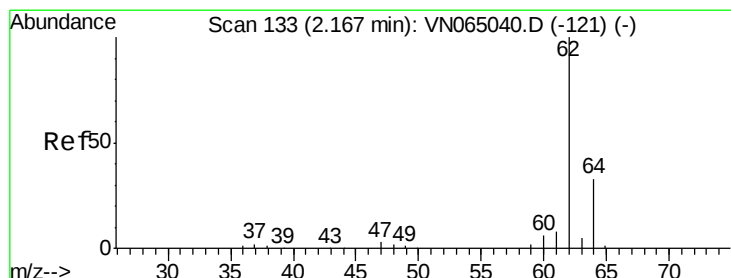
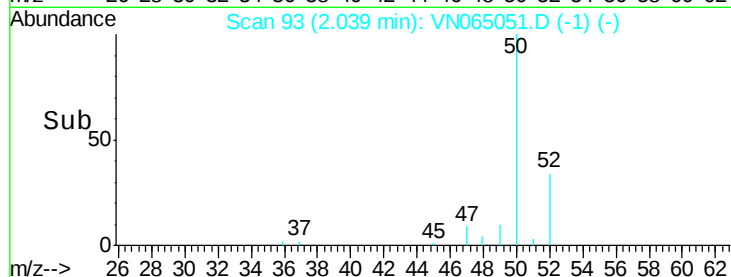
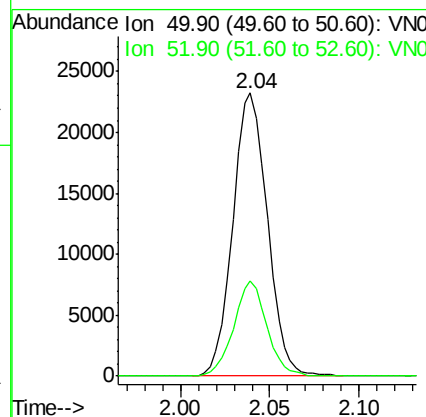
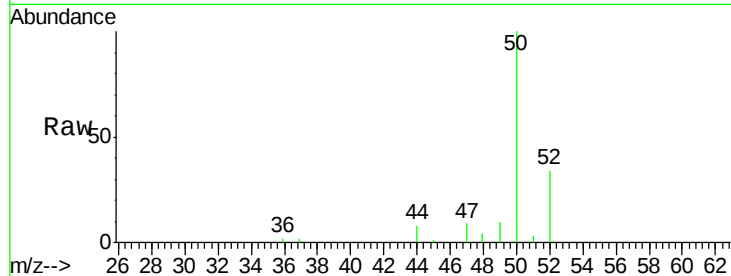
52 33.7 26.5 39.7

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#4

Vinyl Chloride

Concen: 19.112 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN065051.D

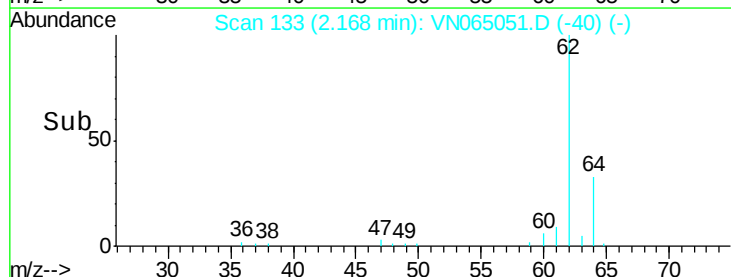
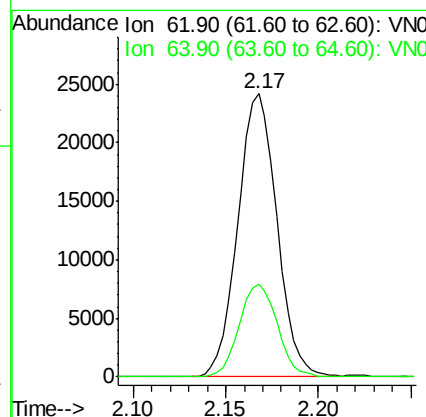
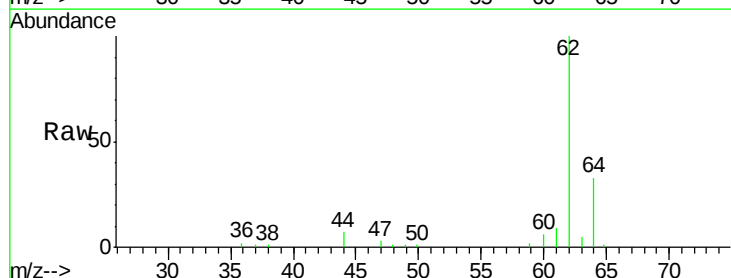
Acq: 10 Dec 2020 18:55

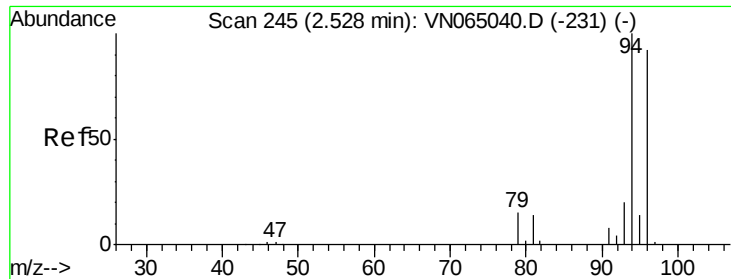
Tgt Ion: 62 Resp: 35467

Ion Ratio Lower Upper

62 100

64 32.6 26.1 39.1





#5

Bromomethane

Concen: 18.874 ug/l

RT: 2.53 min Scan# 247

Delta R.T. 0.01 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

Tot Ion: 94 Resp: 24384

Ion Ratio Lower Upper

94 100

96 92.7 73.8 110.8

Instrument :

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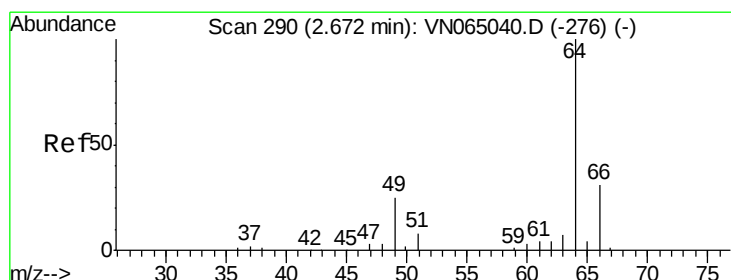
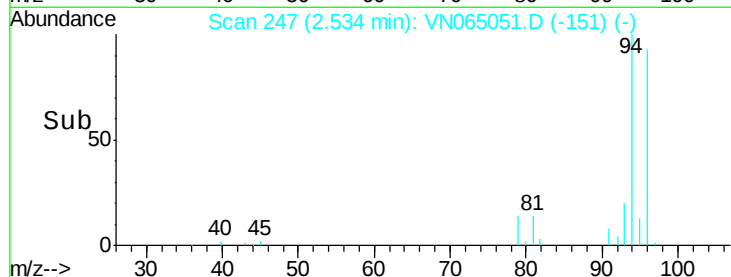
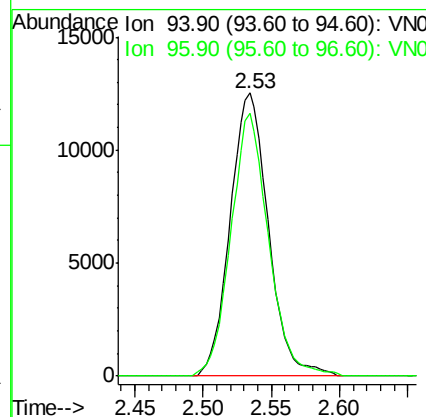
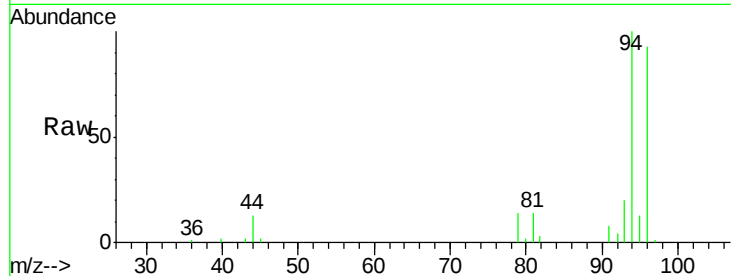
VN1210WBSD01

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#6

Chloroethane

Concen: 17.968 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN065051.D

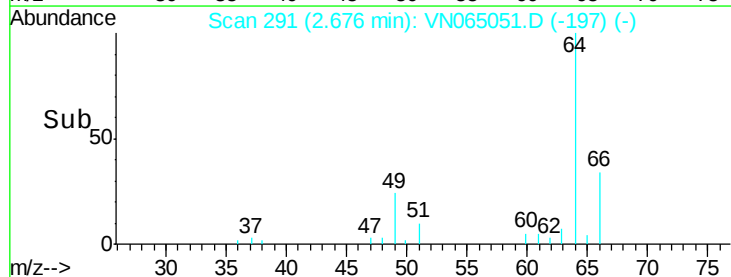
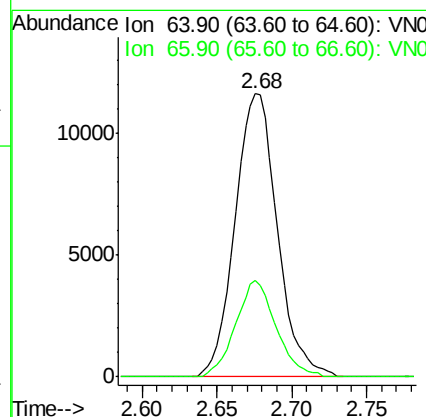
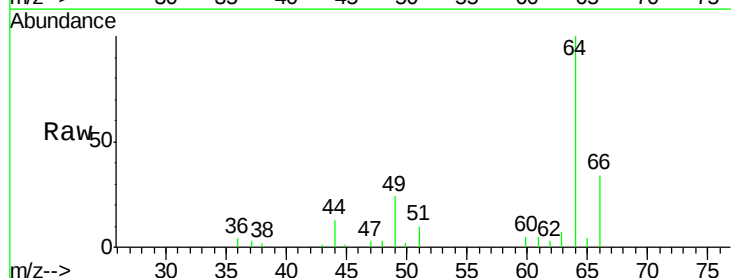
Acq: 10 Dec 2020 18:55

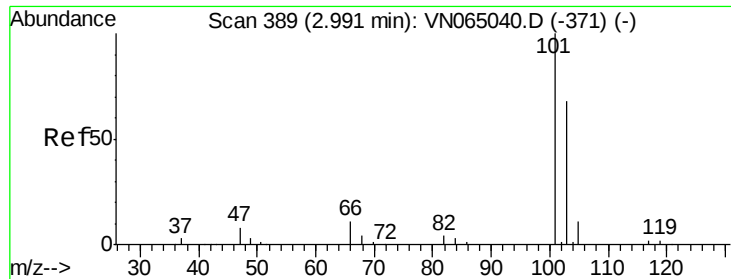
Tgt Ion: 64 Resp: 22806

Ion Ratio Lower Upper

64 100

66 34.1 24.6 37.0





#7

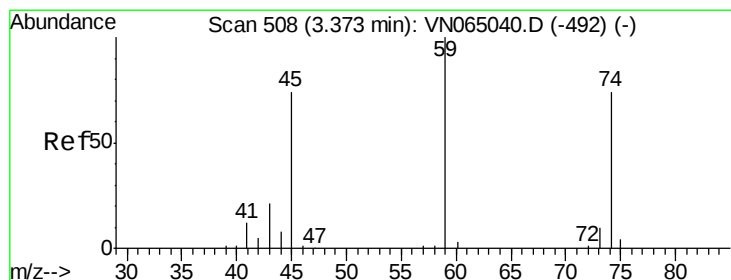
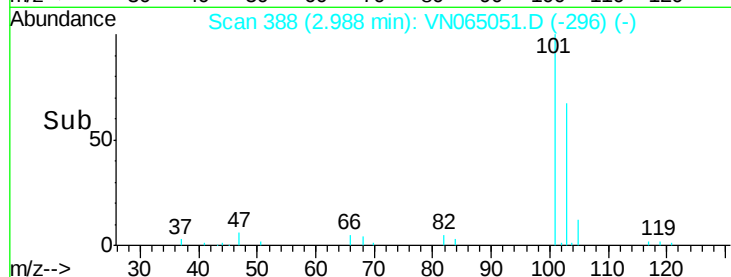
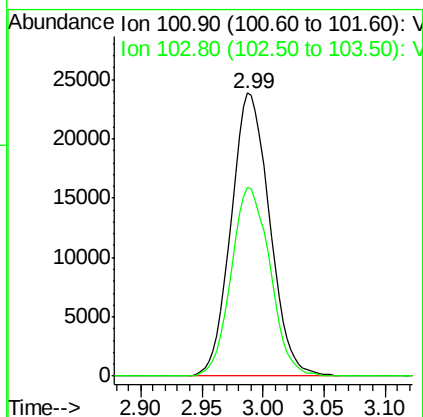
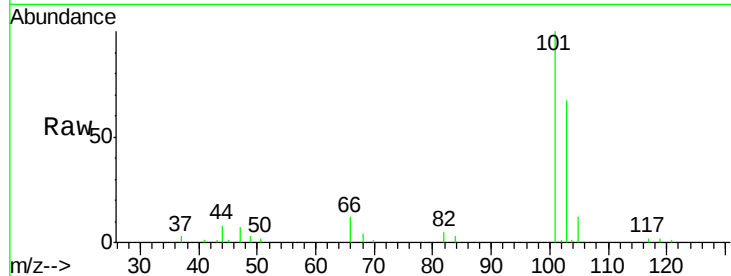
Trichlorofluoromethane
Concen: 17.791 ug/l
RT: 2.99 min Scan# 388
Delta R.T. -0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

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ClientSampleId :
VN1210WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.6	54.5	81.7

Manual Integrations
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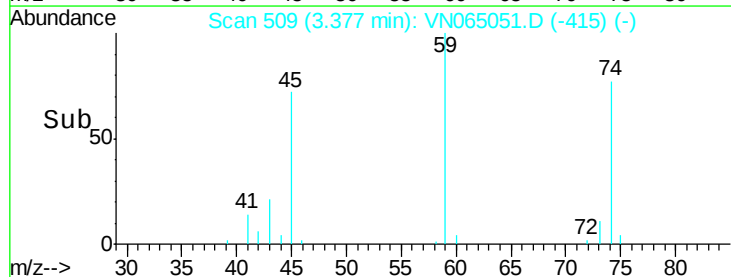
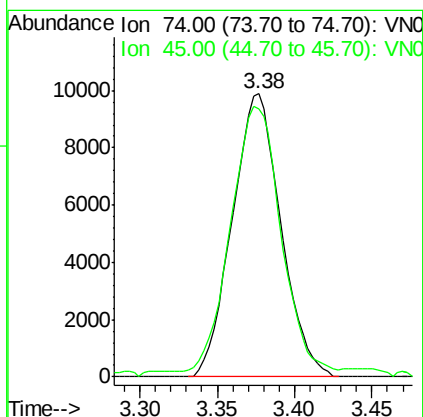
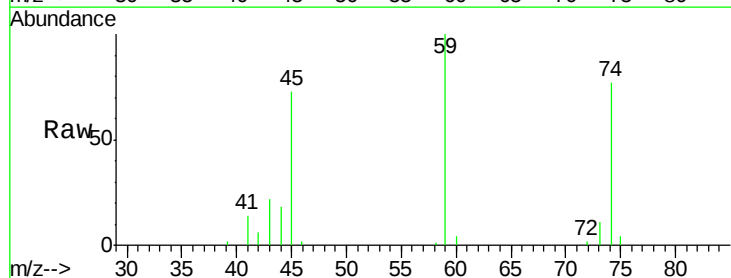
MMDadoda
12/11/2020 12:32:46 PM

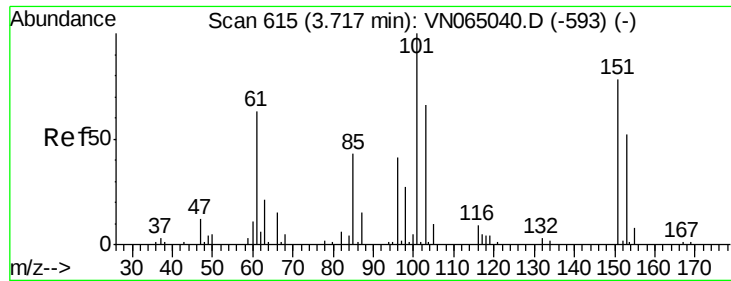


#8

Diethyl Ether
Concen: 18.479 ug/l
RT: 3.38 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.9	49.1	147.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.422 ug/l

RT: 3.71 min Scan# 614

Delta R.T. -0.00 min

Lab File: VN065051.D

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Instrument :

MSVOA_N

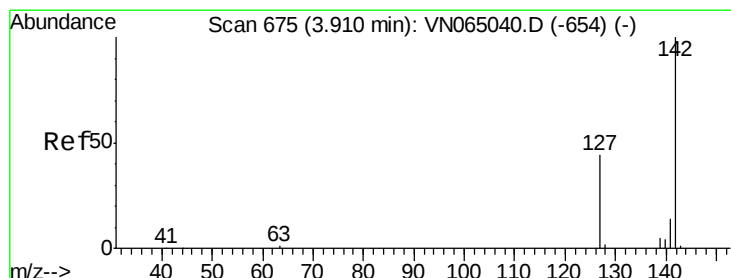
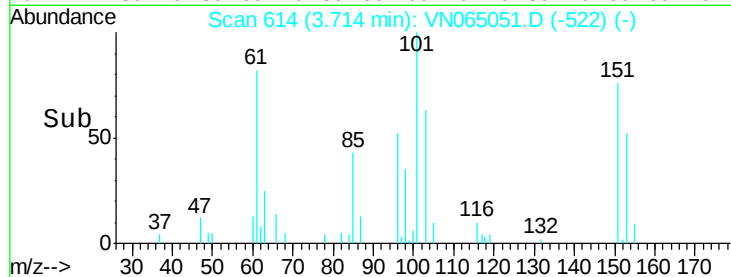
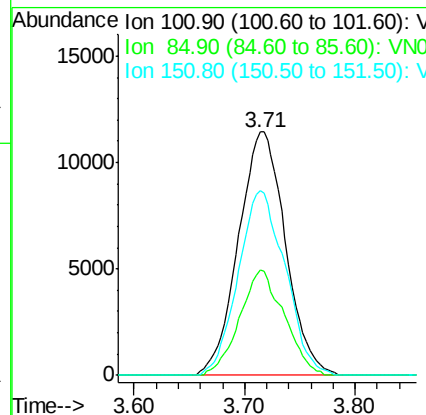
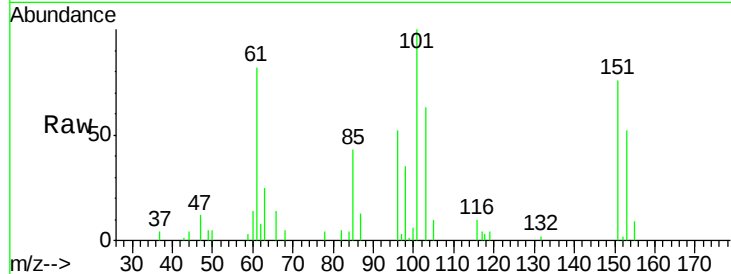
ClientSampleId :

VN1210WBSD01

Tot Ion:	101	Resp:	33805
Ion Ratio	Lower	Upper	
101	100		
85	41.0	33.2	49.8
151	75.9	63.7	95.5

Manual Integrations
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#10

Methyl Iodide

Concen: 17.422 ug/l

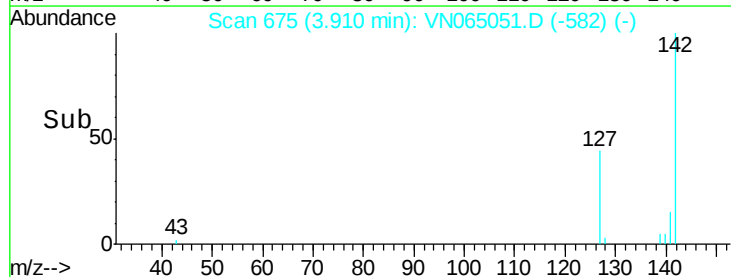
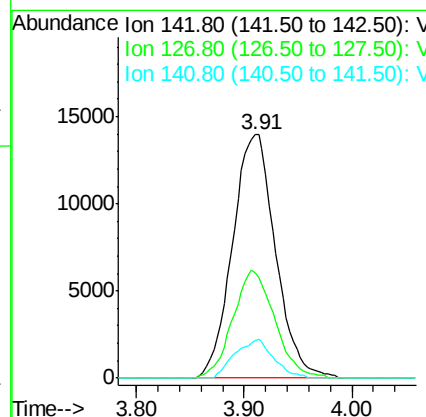
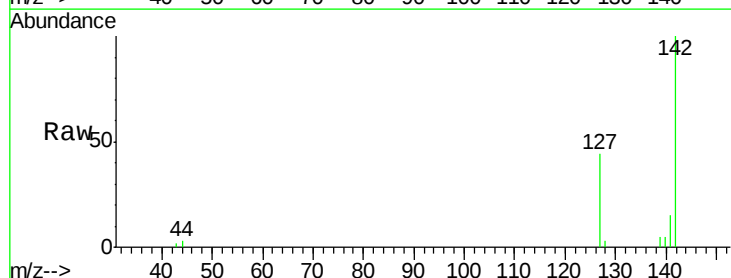
RT: 3.91 min Scan# 675

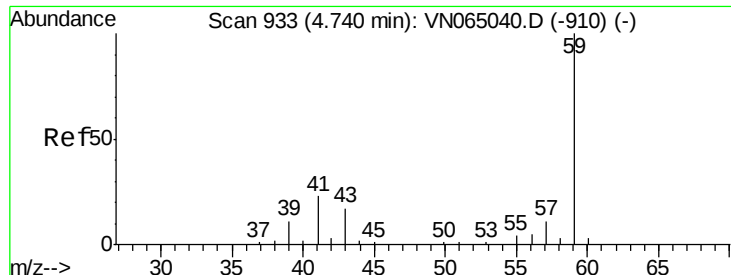
Delta R.T. 0.00 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

Tgt Ion:	142	Resp:	38679
Ion Ratio	Lower	Upper	
142	100		
127	43.3	34.6	52.0
141	14.3	10.9	16.3





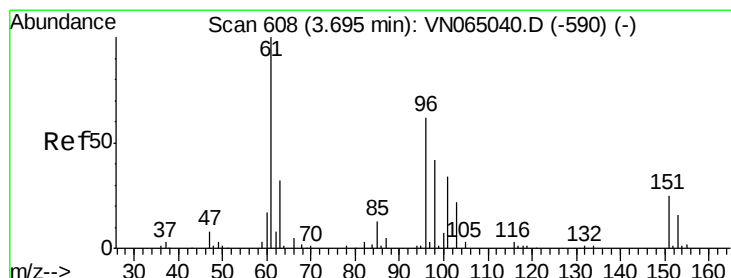
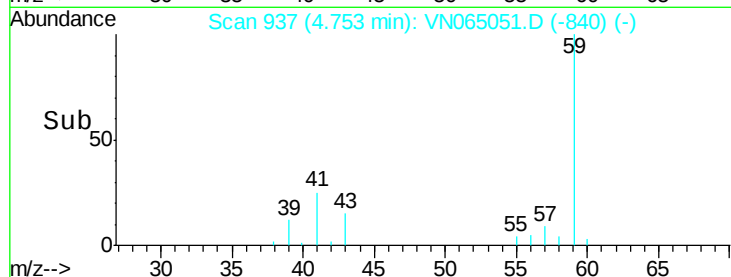
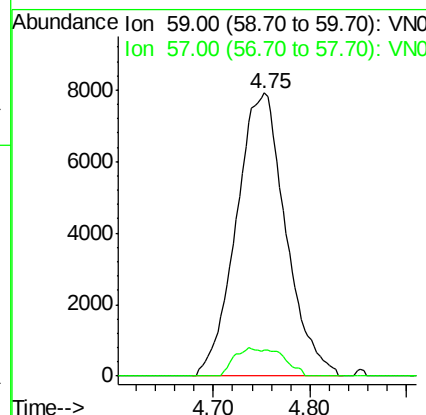
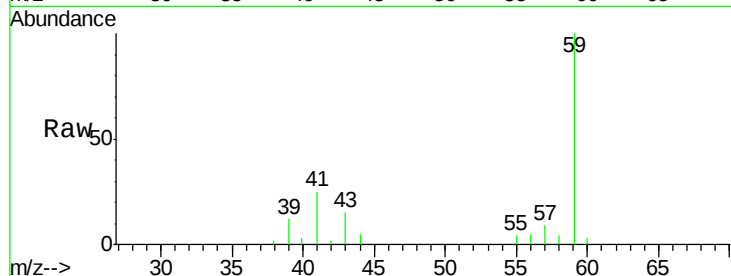
#11
Tert butyl alcohol
Concen: 97.895 ug/l
RT: 4.75 min Scan# 937
Delta R.T. 0.01 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	5.2	8.6	12.8#

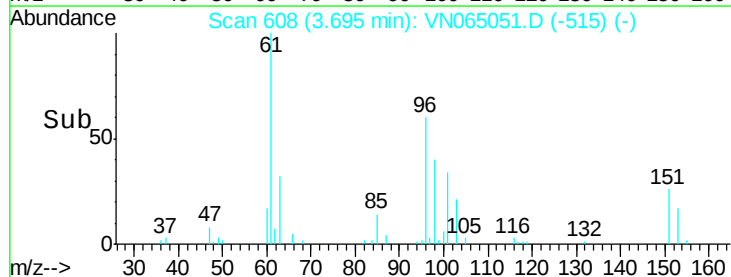
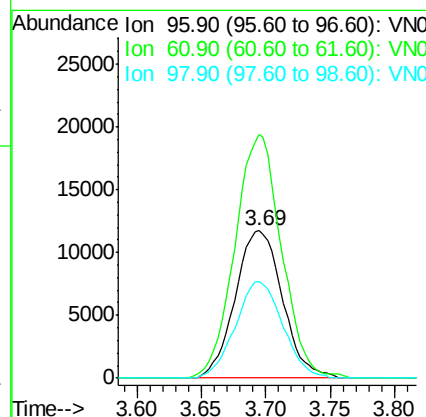
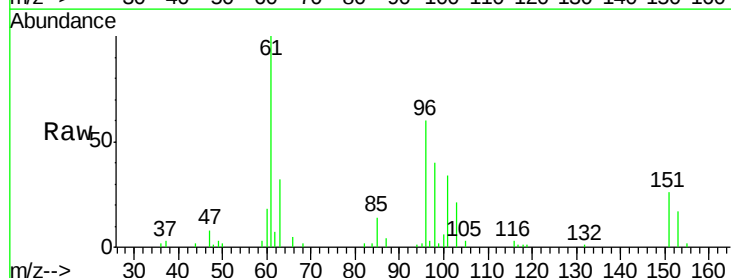
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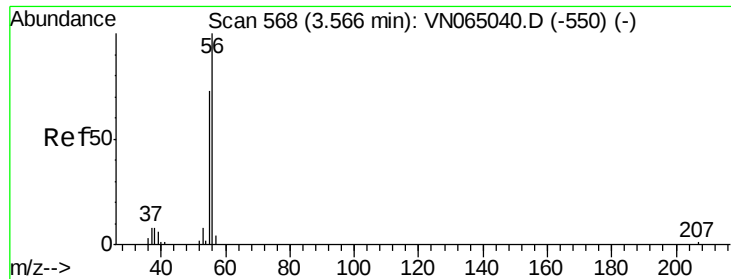
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#12
1,1-Dichloroethene
Concen: 17.405 ug/l
RT: 3.69 min Scan# 608
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

Tgt Ion	Ratio	Lower	Upper
96	100		
61	164.2	128.4	192.6
98	65.8	53.6	80.4





#13

Acrolein

Concen: 95.979 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBSD01

Tot Ion: 56 Resp: 22305

Ion Ratio Lower Upper

56 100

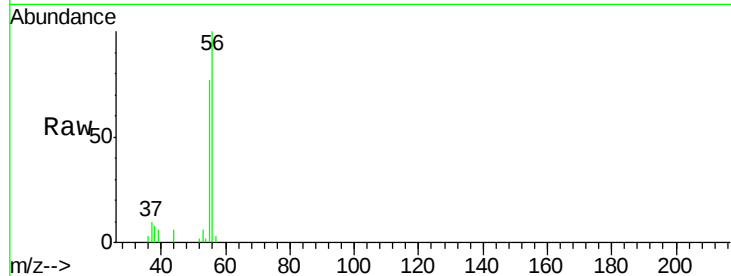
55 73.7 58.4 87.6

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Abundance Ion 56.00 (55.70 to 56.70): VN065040.D (-550) (-)

Ion 55.00 (54.70 to 55.70): VN065040.D (-550) (-)

10000

8000

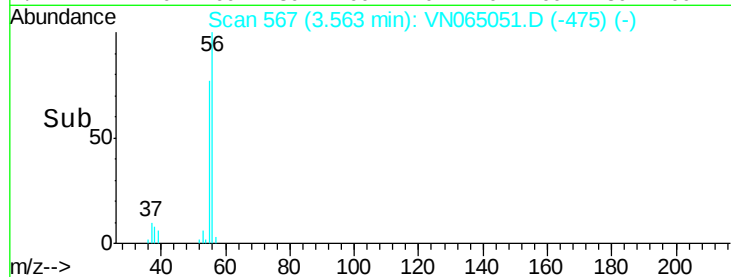
6000

4000

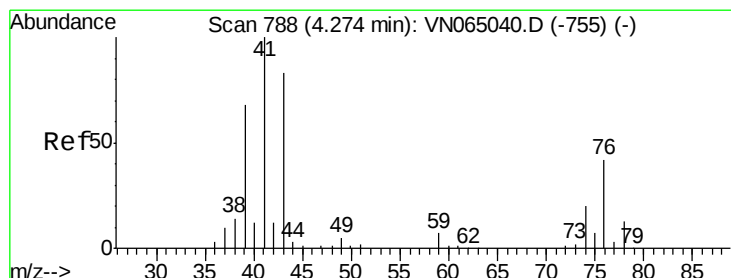
2000

0

Time-->



Time-->



#14

Allyl chloride

Concen: 18.170 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

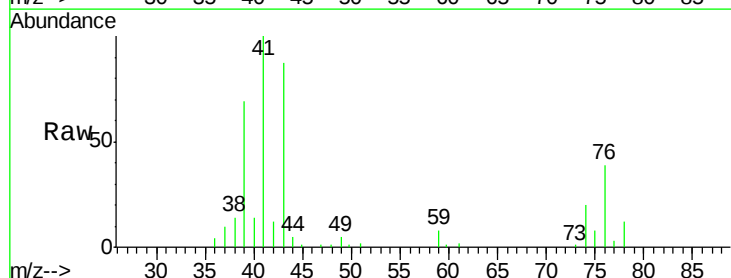
Tgt Ion: 41 Resp: 50589

Ion Ratio Lower Upper

41 100

39 62.1 49.0 73.6

76 35.6 29.6 44.4



Abundance Ion 41.00 (40.70 to 41.70): VN065040.D (-755) (-)

Ion 39.00 (38.70 to 39.70): VN065040.D (-755) (-)

Ion 75.90 (75.60 to 76.60): VN065040.D (-755) (-)

20000

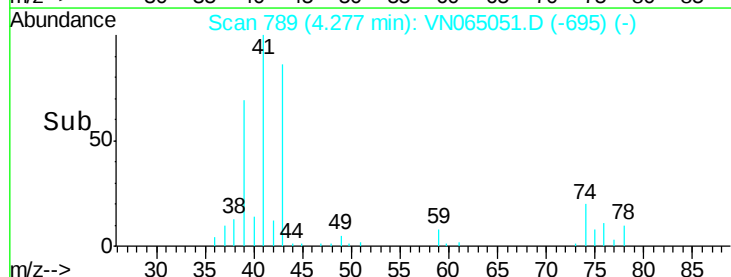
15000

10000

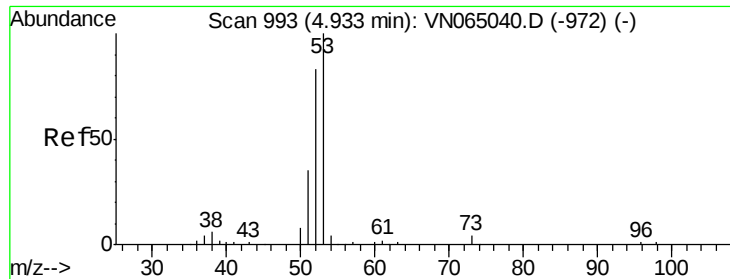
5000

0

Time-->



Time-->



#15

Acrylonitrile

Concen: 90.699 ug/l

RT: 4.94 min Scan# 995

Delta R.T. 0.01 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

Instrument :

MSVOA_N

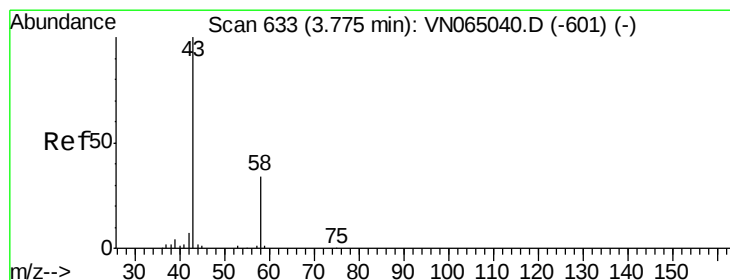
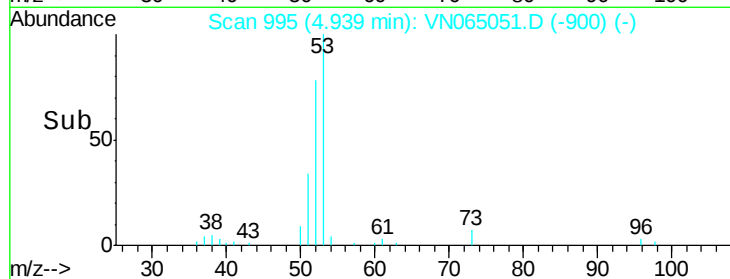
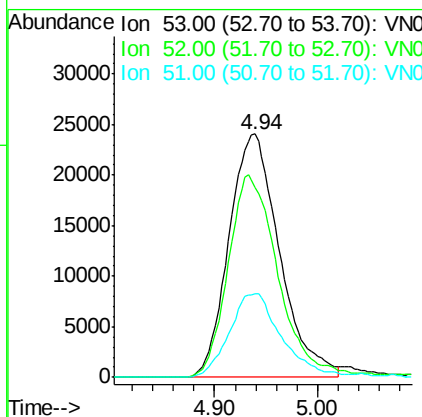
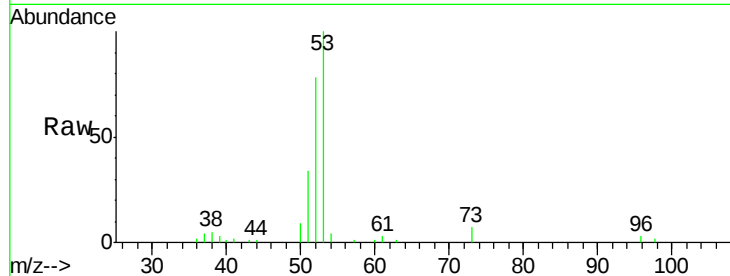
ClientSampleId :

VN1210WBSD01

Tot Ion:	53	Resp:	81922
Ion	Ratio	Lower	Upper
53	100		
52	83.0	65.4	98.0
51	35.5	27.8	41.6

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#16

Acetone

Concen: 81.695 ug/l

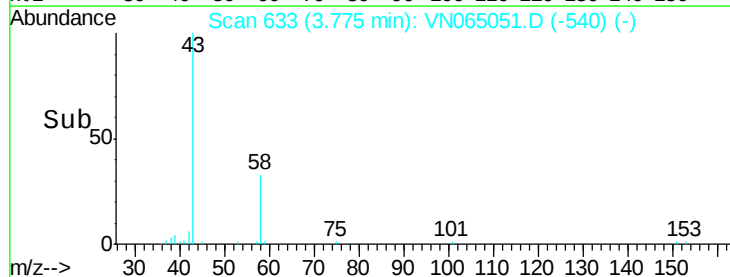
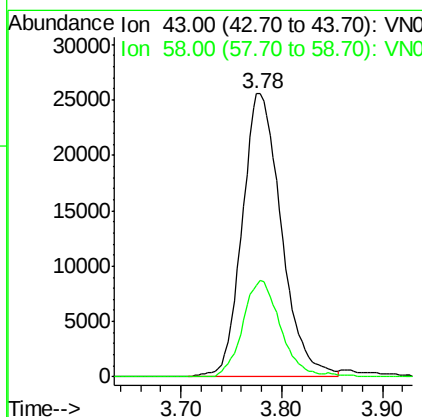
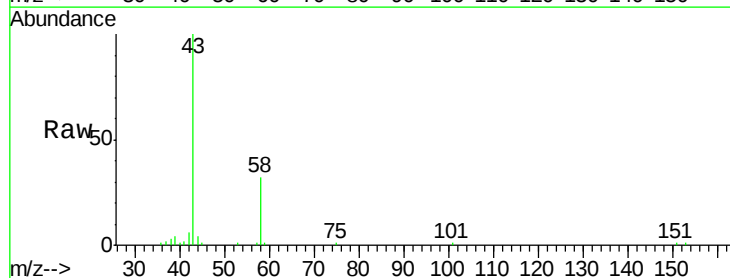
RT: 3.78 min Scan# 633

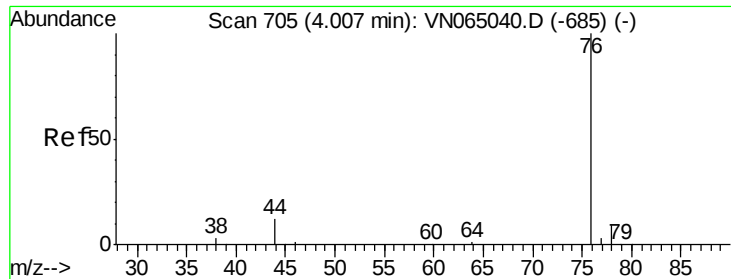
Delta R.T. 0.00 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

Tgt Ion:	43	Resp:	68744
Ion	Ratio	Lower	Upper
43	100		
58	32.4	26.8	40.2





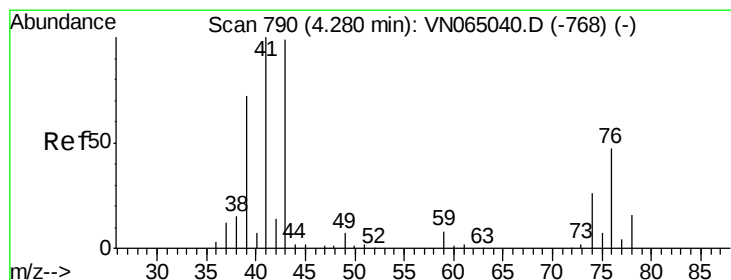
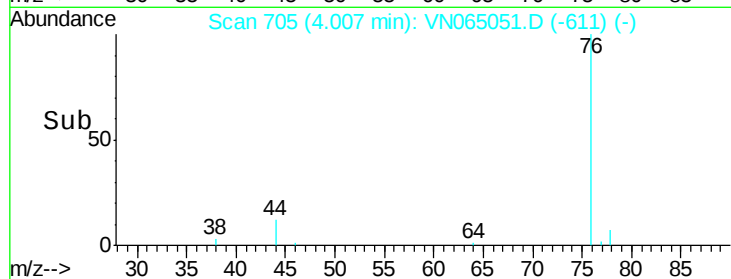
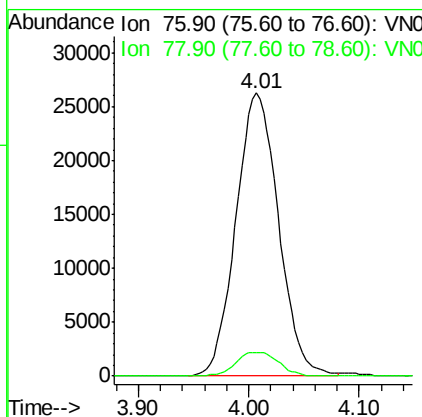
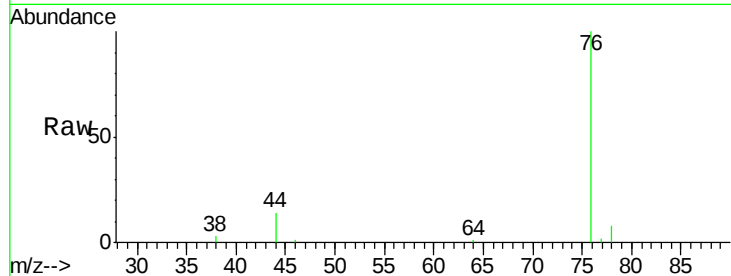
#17
Carbon Disulfide
Concen: 18.503 ug/l
RT: 4.01 min Scan# 705
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.2	7.1	10.7

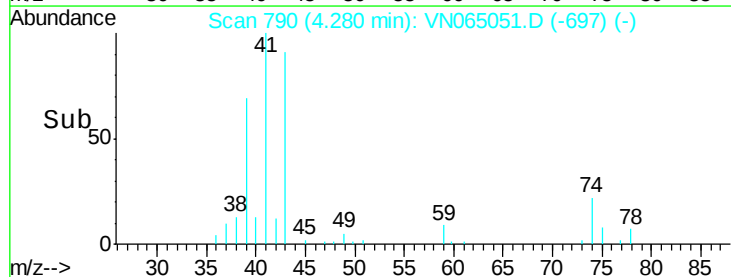
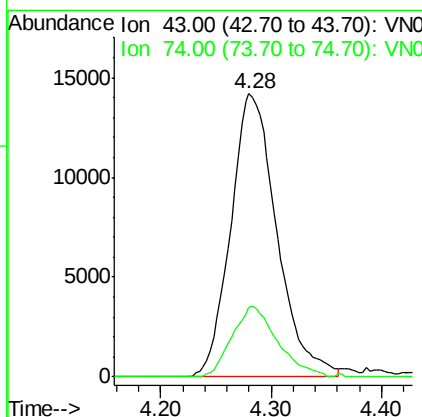
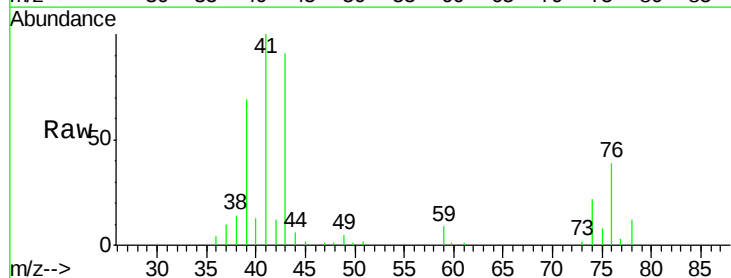
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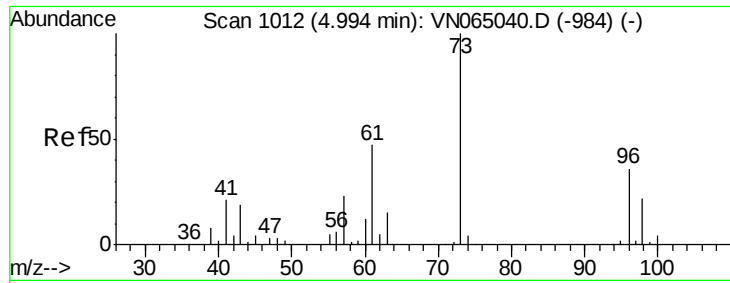
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#18
Methyl Acetate
Concen: 19.393 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.6	20.1	30.1





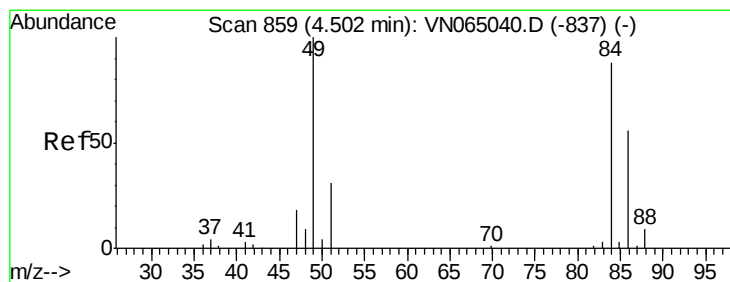
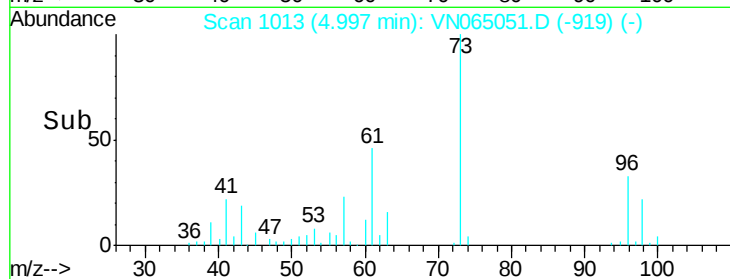
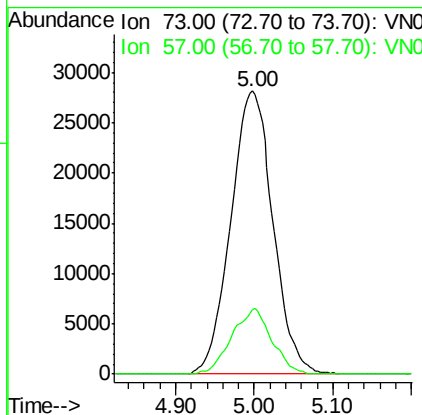
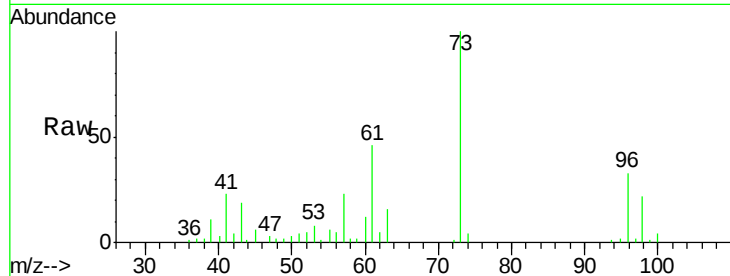
#19
Methvl tert-butvl Ether
Concen: 18.214 ug/l
RT: 5.00 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01

Tot Ion: 73 Resp: 105482
Ion Ratio Lower Upper
73 100
57 22.9 18.0 27.0

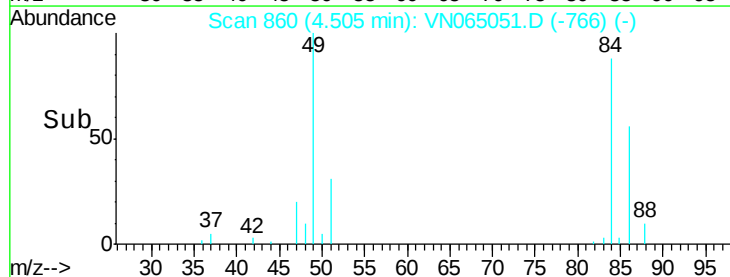
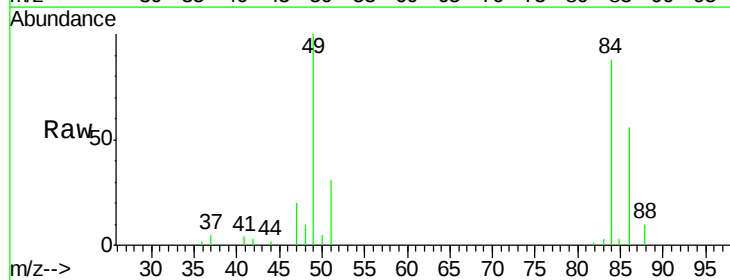
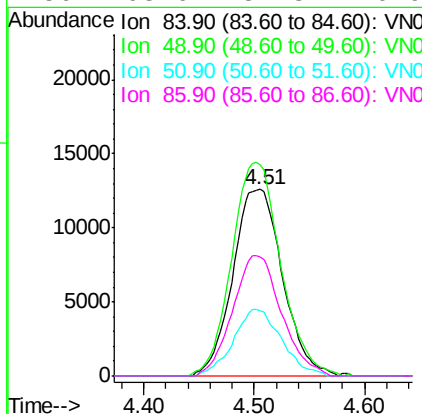
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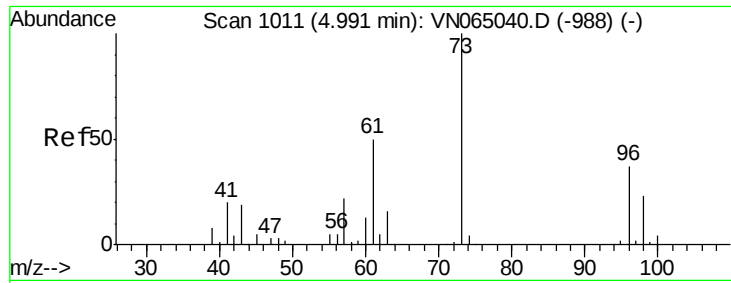
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#20
Methylene Chloride
Concen: 18.365 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

Tgt Ion: 84 Resp: 39369
Ion Ratio Lower Upper
84 100
49 113.0 90.8 136.2
51 35.4 28.1 42.1
86 63.6 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 17.673 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBSD01

Tot Ion: 96 Resp: 33149

Ion Ratio Lower Upper

96 100

61 140.9 107.1 160.7

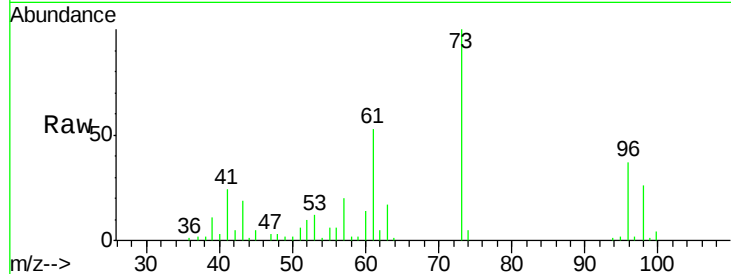
98 70.6 49.8 74.8

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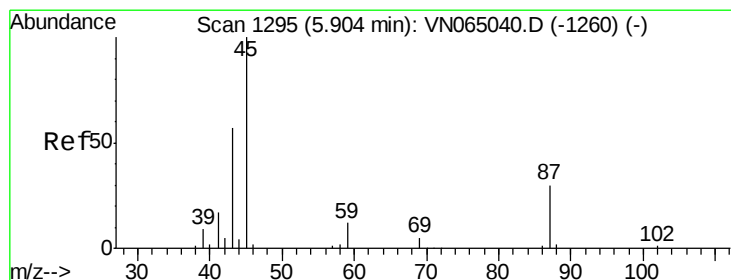
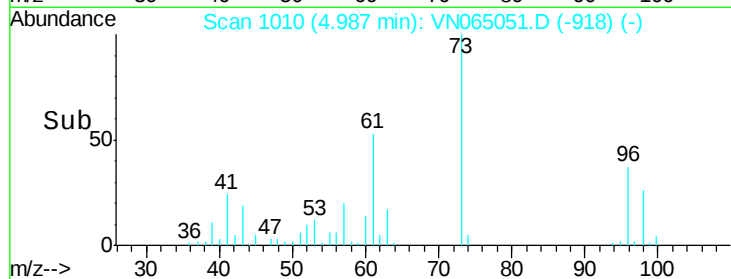
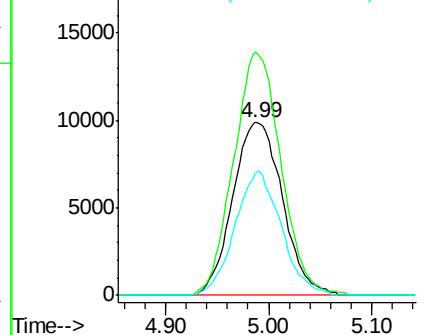
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Abundance Ion 95.90 (95.60 to 96.60): VN065040.D (-988) (-)

Ion 60.90 (60.60 to 61.60): VN065040.D (-988) (-)

Ion 97.90 (97.60 to 98.60): VN065040.D (-988) (-)



#22

Diisopropyl ether

Concen: 18.658 ug/l

RT: 5.91 min Scan# 1296

Delta R.T. 0.00 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

Tgt Ion: 45 Resp: 113246

Ion Ratio Lower Upper

45 100

43 61.7 47.9 71.9

87 30.0 24.3 36.5

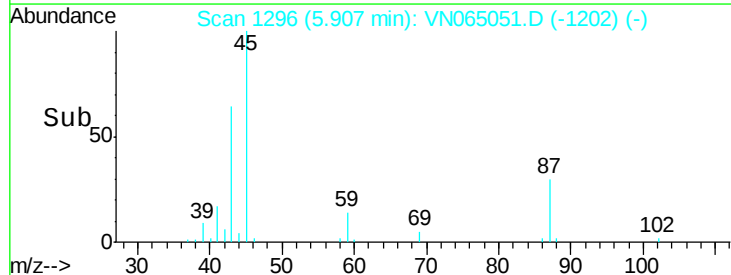
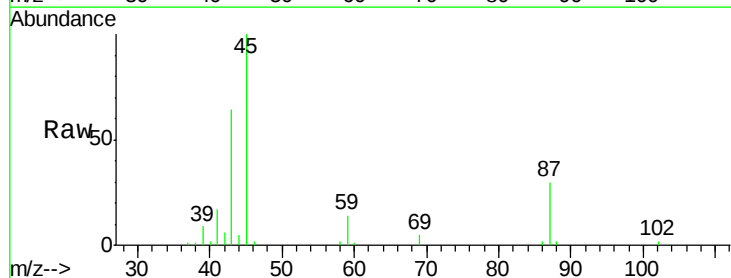
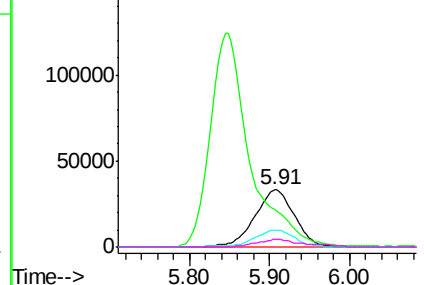
59 13.8 9.5 14.3

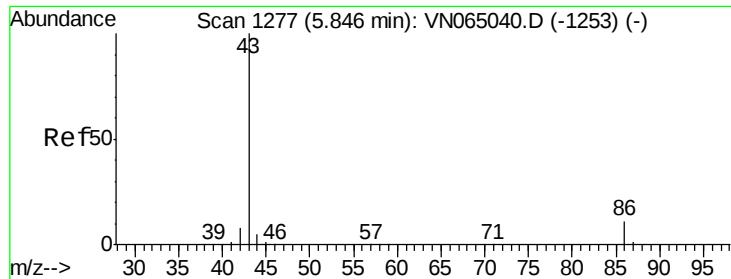
Abundance Ion 45.00 (44.70 to 45.70): VN065040.D (-1260) (-)

Ion 43.00 (42.70 to 43.70): VN065040.D (-1260) (-)

Ion 87.00 (86.70 to 87.70): VN065040.D (-1260) (-)

Ion 59.00 (58.70 to 59.70): VN065040.D (-1260) (-)





#23

Vinyl Acetate

Concen: 90.856 ug/l

RT: 5.85 min Scan# 1278

Delta R.T. 0.00 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

Instrument :

MSVOA_N

ClientSampleID :

VN1210WBSD01

Tot Ion: 43 Resp: 426210

Ion Ratio Lower Upper

43 100

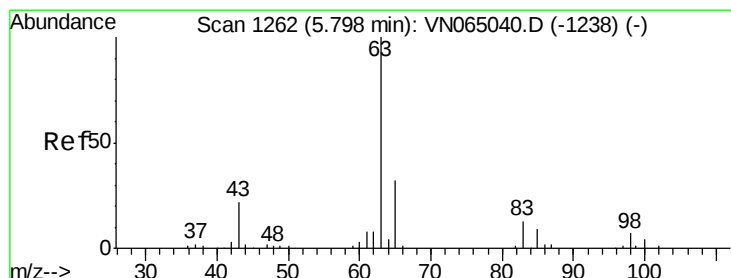
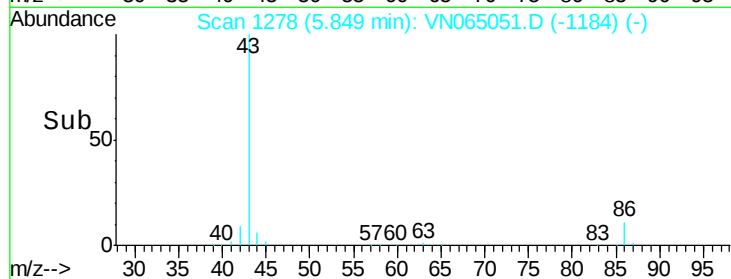
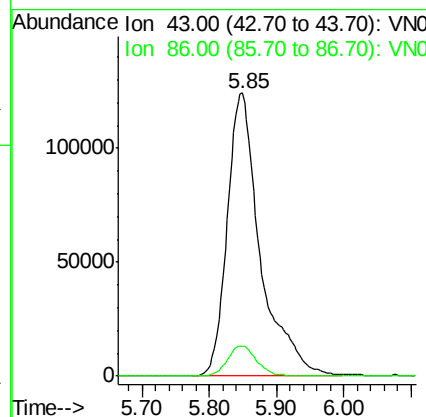
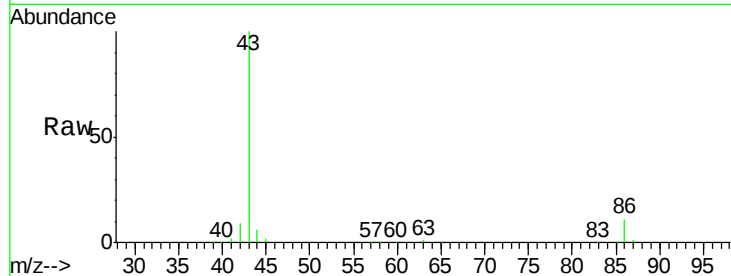
86 10.7 8.6 12.8

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#24

1,1-Dichloroethane

Concen: 18.266 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

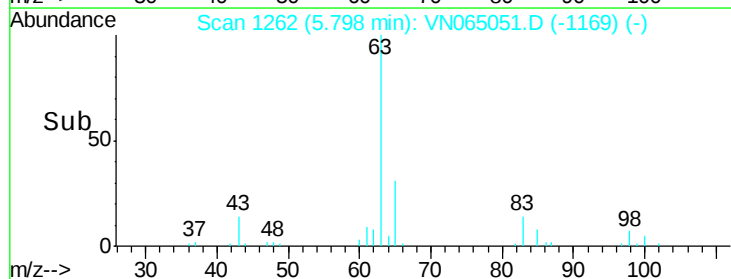
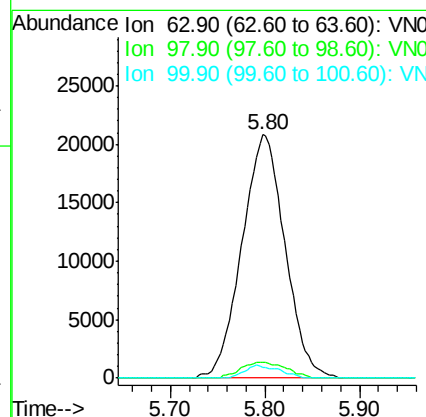
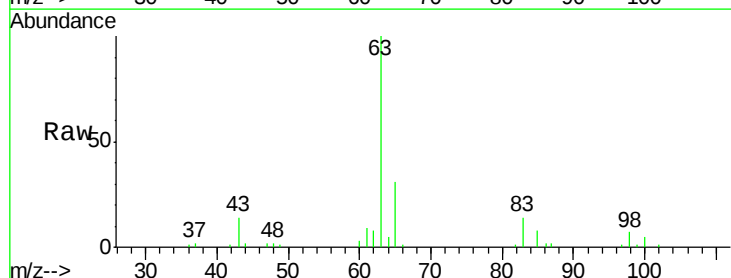
Tgt Ion: 63 Resp: 65673

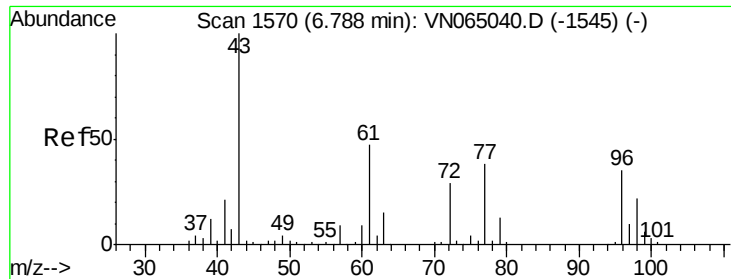
Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.9

100 4.5 2.1 6.2





#25

2-Butanone

Concen: 89.204 ug/l

RT: 6.79 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

Instrument :

MSVOA_N

ClientSampled :

VN1210WBSD01

Tot Ion: 43 Resp: 103514

Ion Ratio Lower Upper

43 100

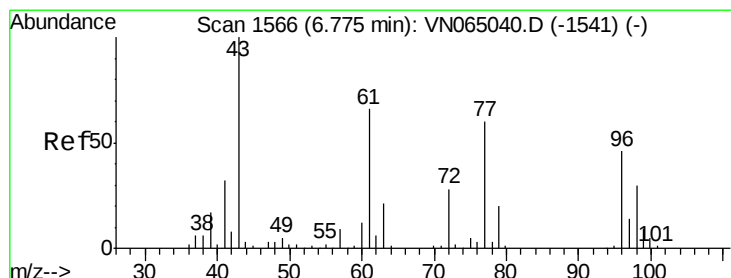
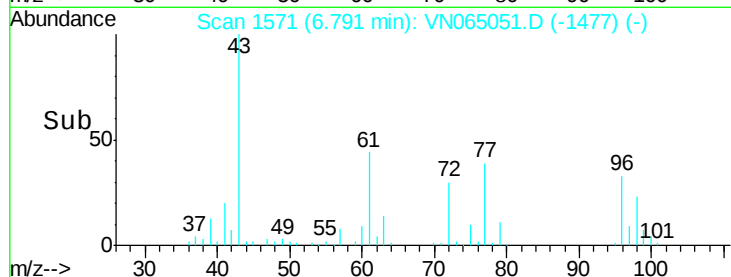
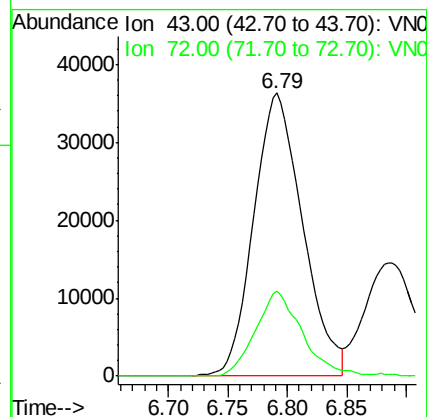
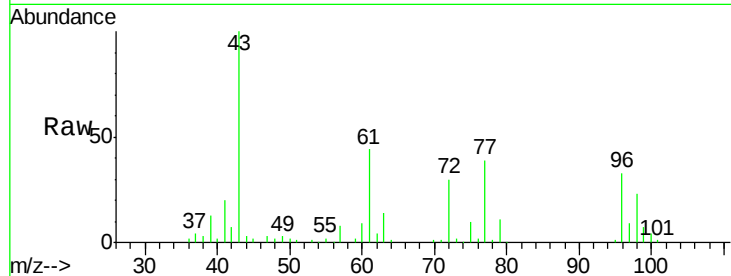
72 29.9 22.9 34.3

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#26

2,2-Dichloropropane

Concen: 18.188 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN065051.D

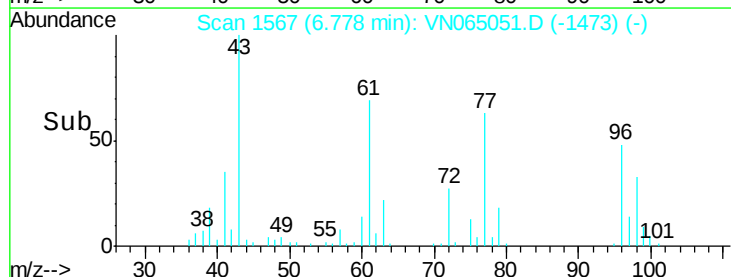
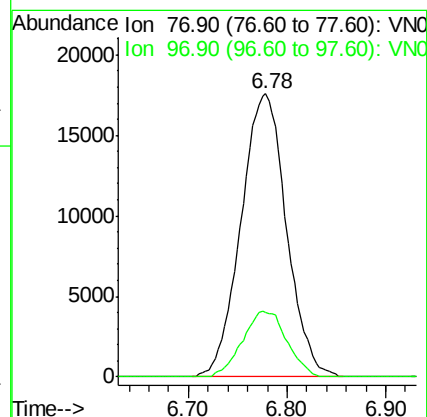
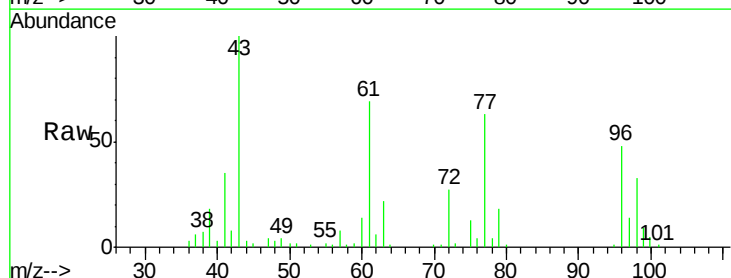
Acq: 10 Dec 2020 18:55

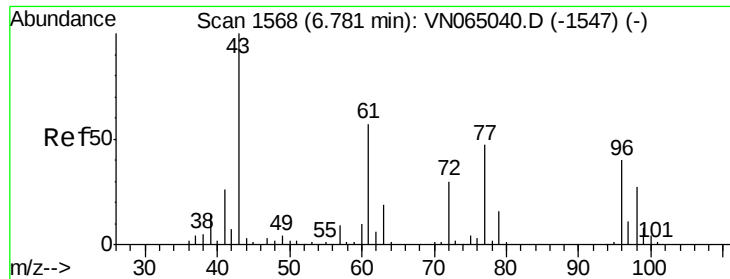
Tgt Ion: 77 Resp: 56035

Ion Ratio Lower Upper

77 100

97 22.6 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 18.003 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

Instrument :

MSVOA_N

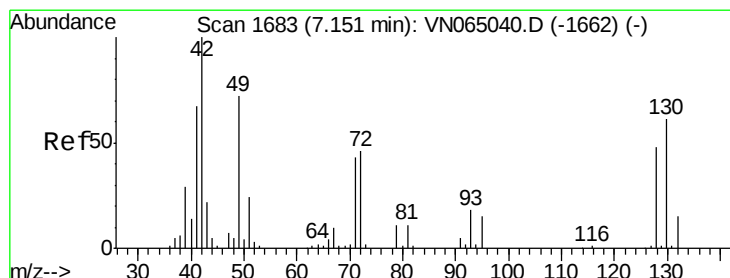
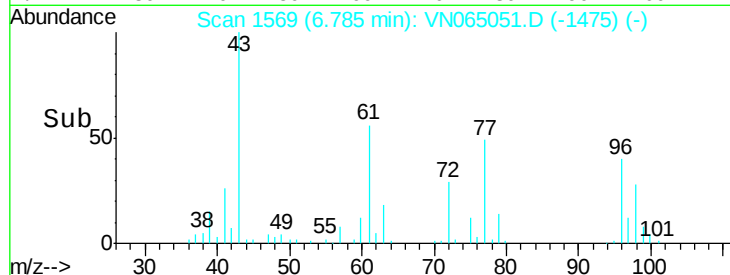
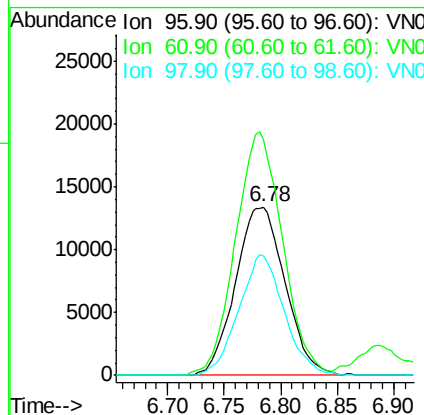
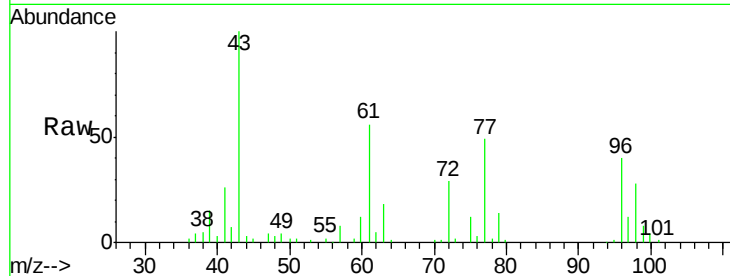
ClientSampleId :

VN1210WBSD01

Tot Ion:	96	Resp:	40773
Ion	Ratio	Lower	Upper
96	100		
61	137.3	0.0	283.6
98	65.7	0.0	130.8

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#28

Bromochloromethane

Concen: 18.670 ug/l

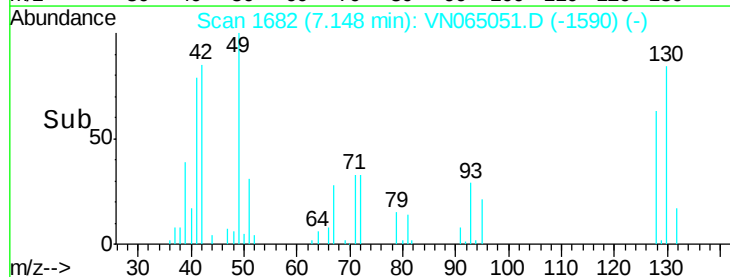
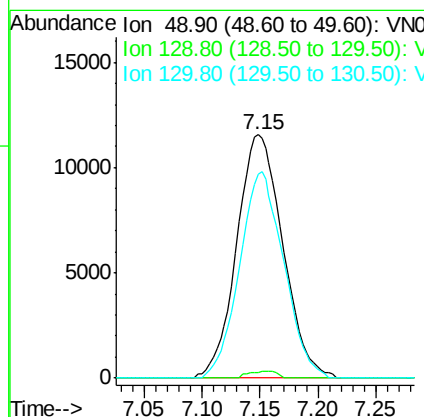
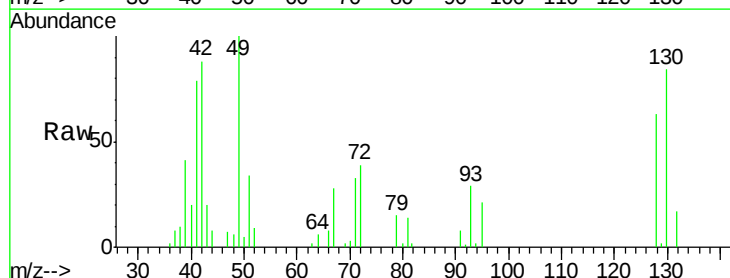
RT: 7.15 min Scan# 1682

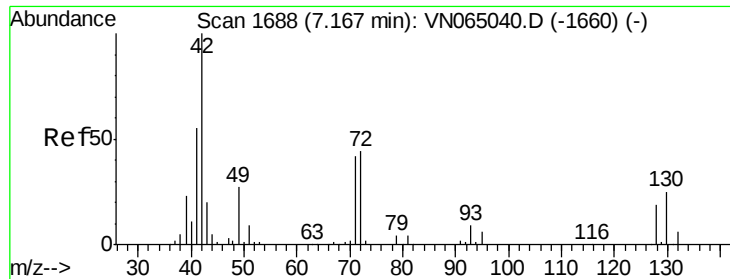
Delta R.T. -0.00 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

Tgt Ion:	49	Resp:	31906
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	2.2
130	81.2	67.9	101.9





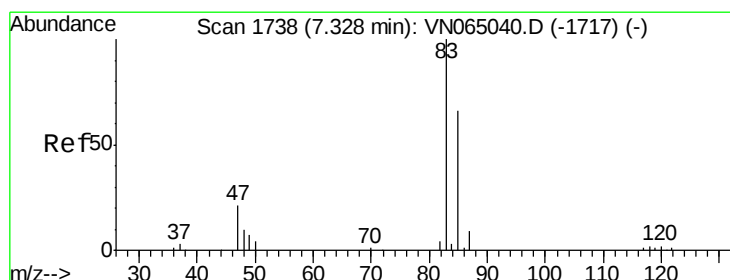
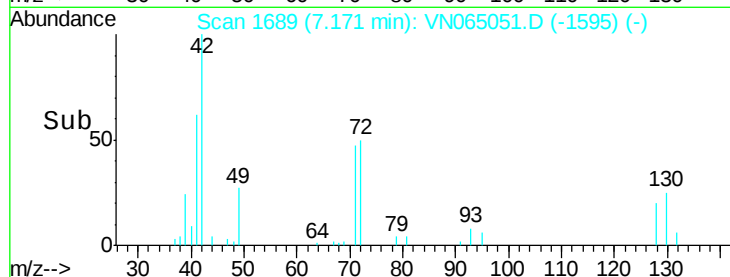
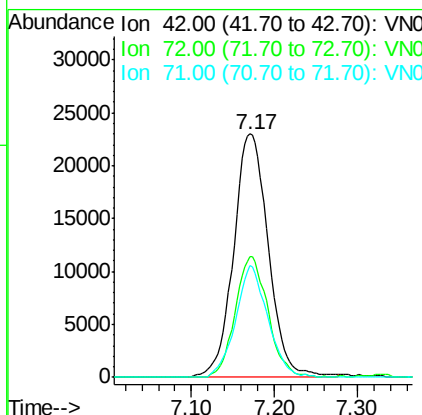
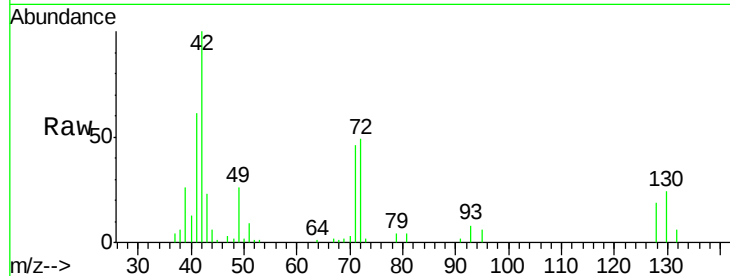
#29
Tetrahydrofuran
Concen: 92.197 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.7	35.8	53.6
71	42.1	33.5	50.3

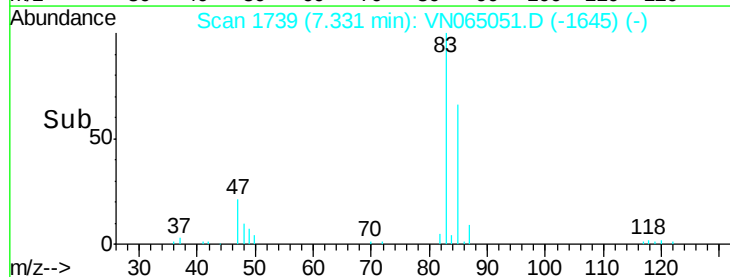
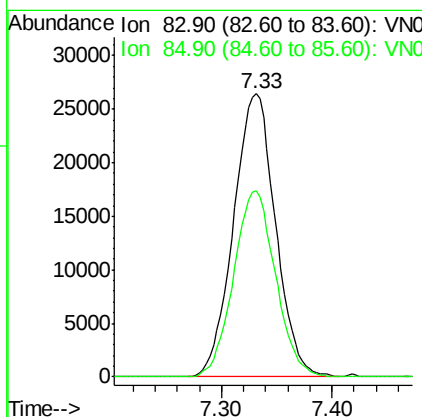
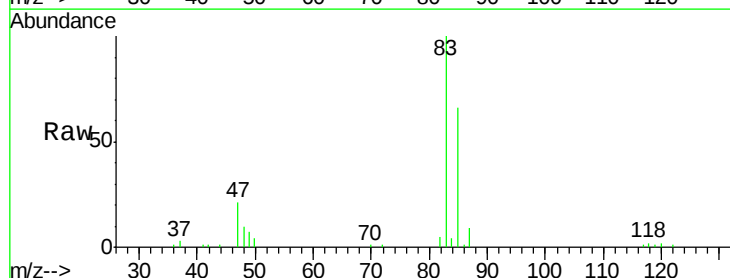
Manual Integrations
APPROVED

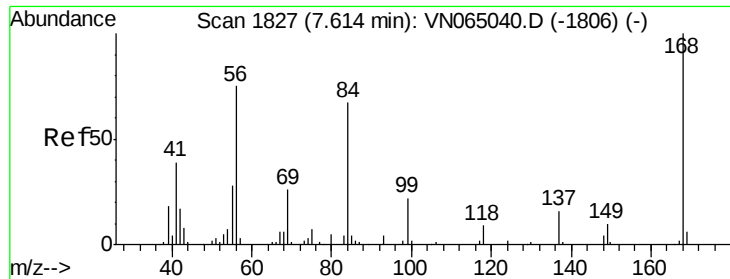
MMDadoda
12/11/2020 12:32:46 PM



#30
Chloroform
Concen: 18.746 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	52.6	78.8





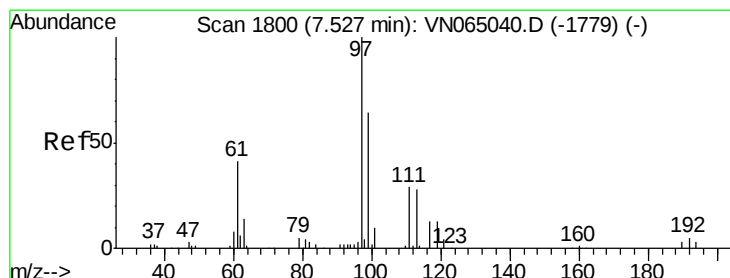
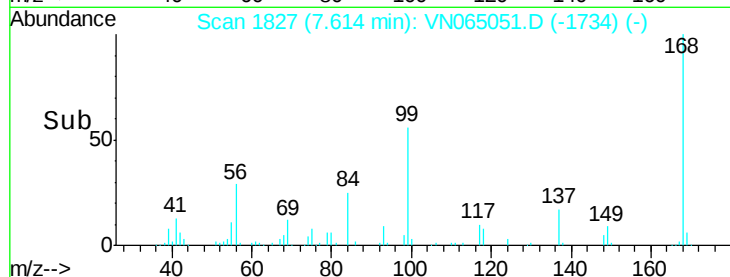
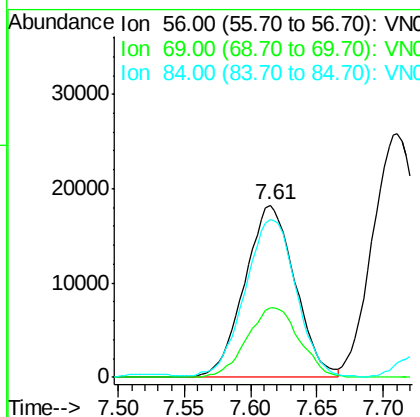
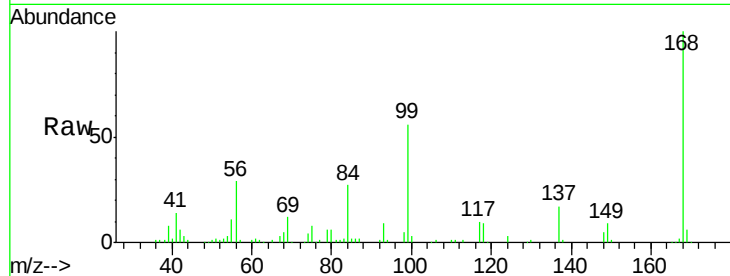
#31
Cyclohexane
Concen: 19.085 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	40.4	27.5	41.3	
84	90.3	72.4	108.6	

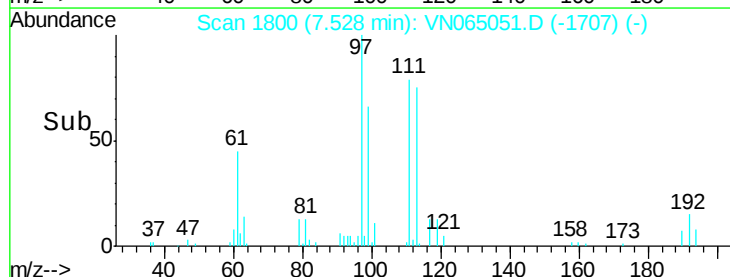
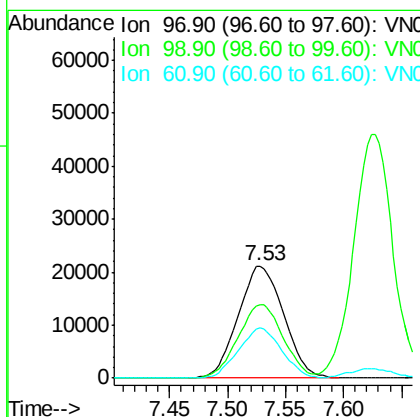
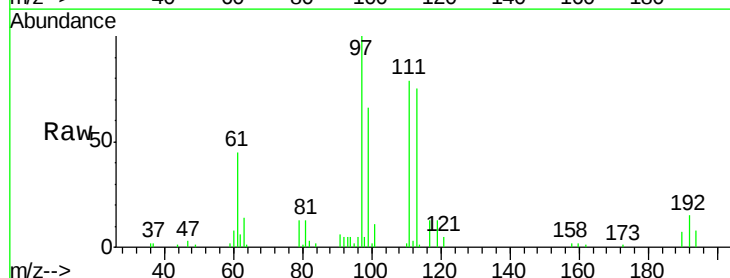
Manual Integrations
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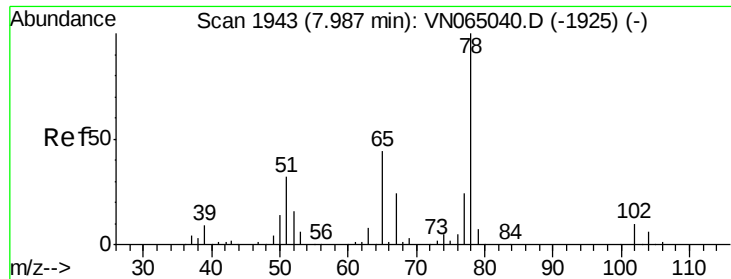
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 18.091 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	65.4	51.7	77.5	
61	42.8	33.5	50.3	





#33

1,2-Dichloroethane-d4

Concen: 47.949 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBSD01

Tot Ion: 65 Resp: 113755

Ion Ratio Lower Upper

65 100

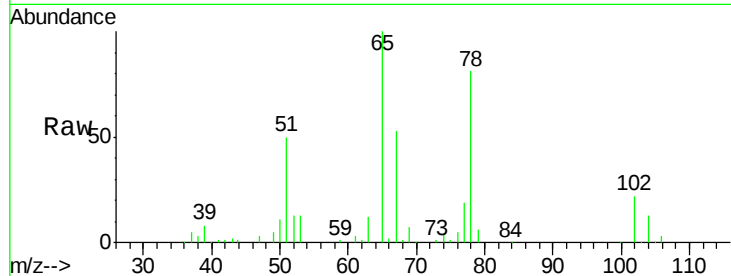
67 53.4 0.0 108.4

Manual Integrations

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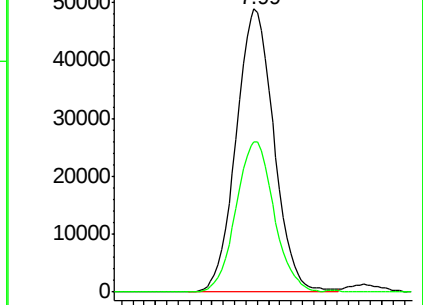
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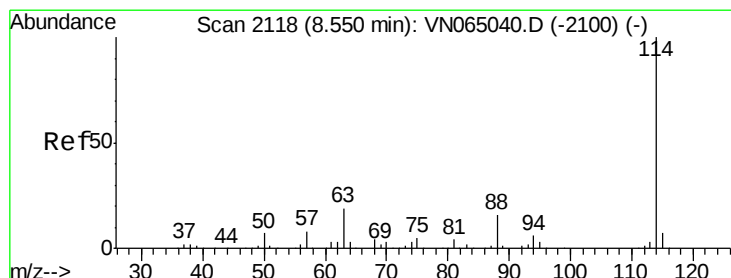
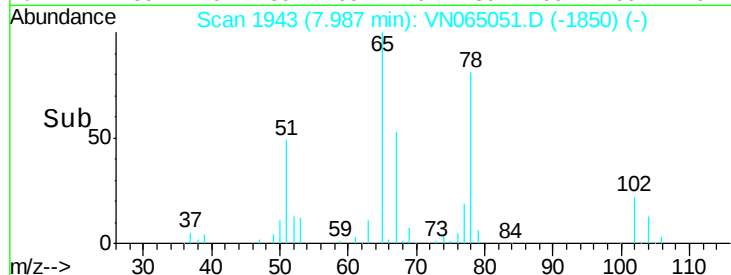


Abundance Ion 64.90 (64.60 to 65.60): VN065040.D (-1925) (-)

Ion 66.90 (66.60 to 67.60): VN065040.D (-1925) (-)



Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

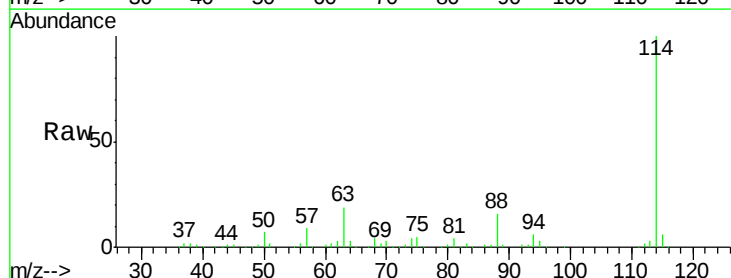
Tgt Ion: 114 Resp: 317878

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.2

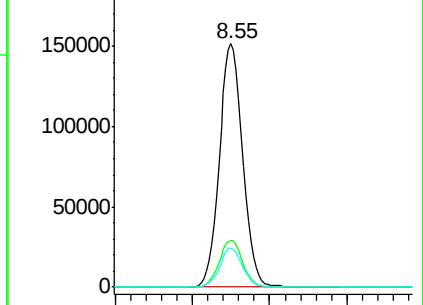
88 15.9 0.0 31.6



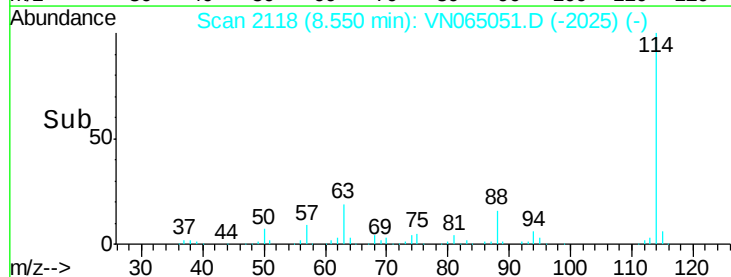
Abundance Ion 113.90 (113.60 to 114.60): VN065040.D (-2100) (-)

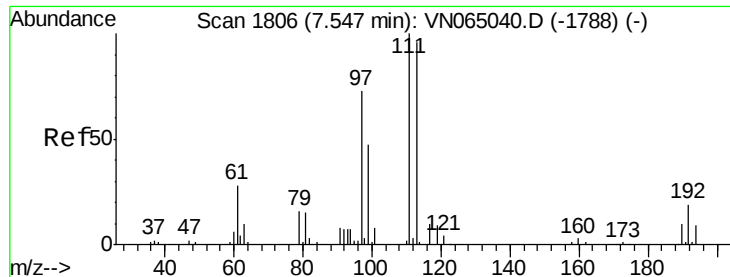
Ion 63.00 (62.70 to 63.70): VN065040.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN065040.D (-2100) (-)



Time-->





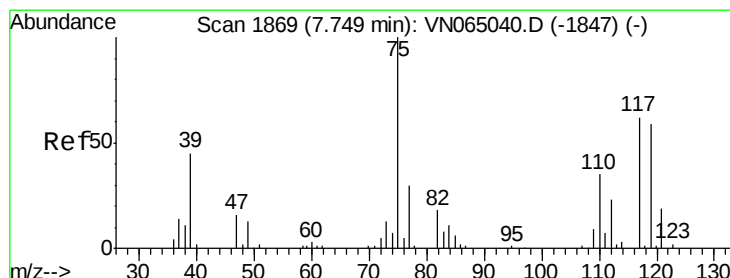
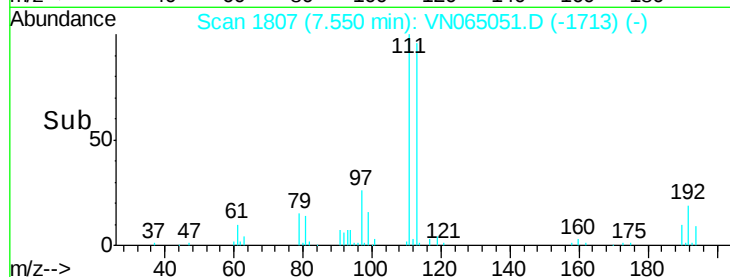
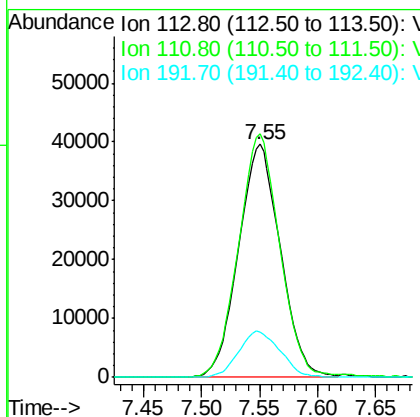
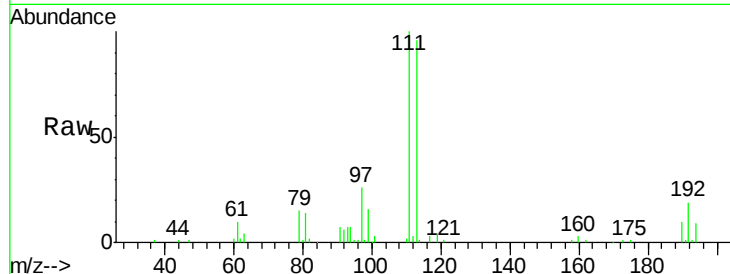
#35
 Dibromofluoromethane
 Concen: 47.218 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN065051.D
 Acq: 10 Dec 2020 18:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	99298		
111	102.8	83.4	125.0	
192	19.7	16.2	24.2	

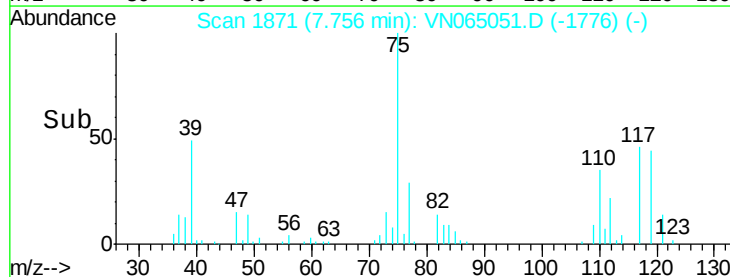
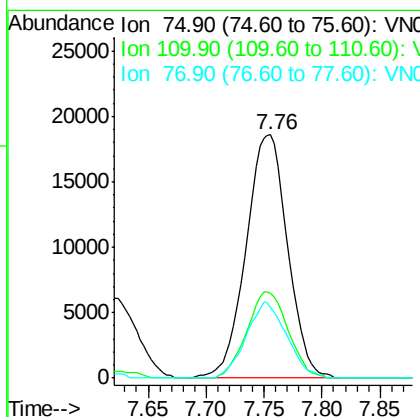
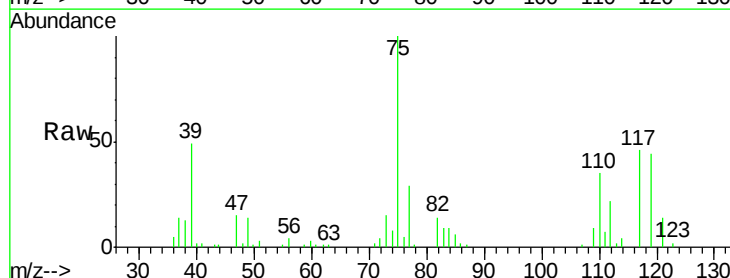
Manual Integrations
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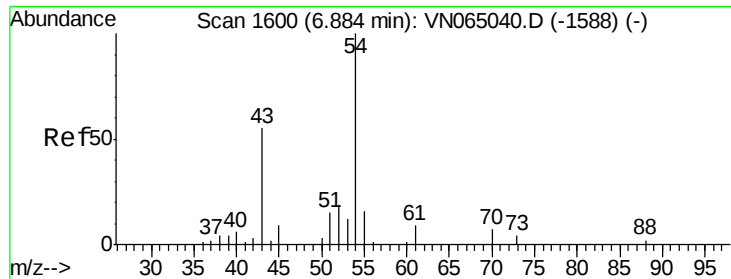
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#36
 1,1-Dichloropropene
 Concen: 17.099 ug/l
 RT: 7.76 min Scan# 1871
 Delta R.T. 0.01 min
 Lab File: VN065051.D
 Acq: 10 Dec 2020 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	46359		
110	35.2	18.1	54.1	
77	30.5	24.5	36.7	





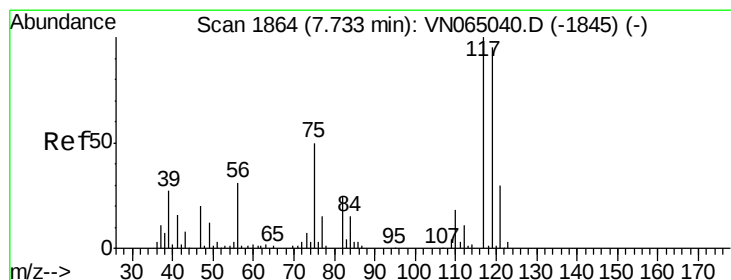
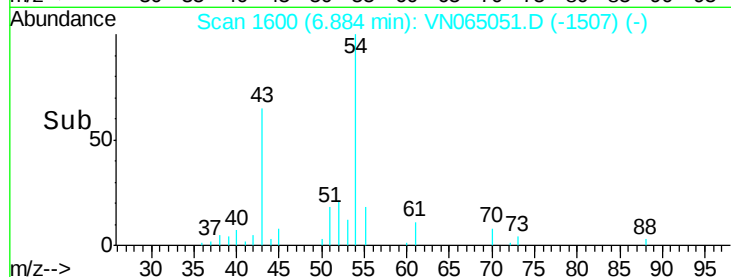
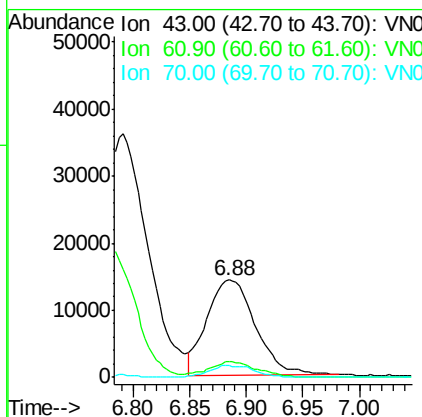
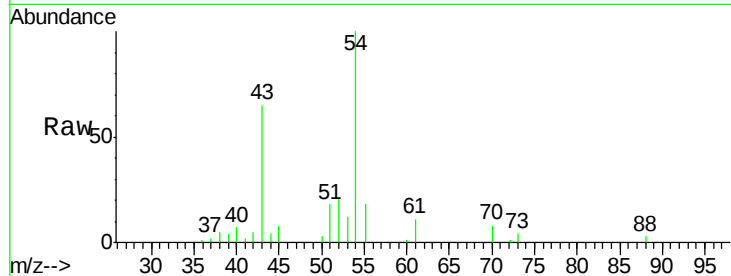
#37
Ethyl Acetate
Concen: 17.275 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.6	11.9	17.9
70	11.4	9.2	13.8

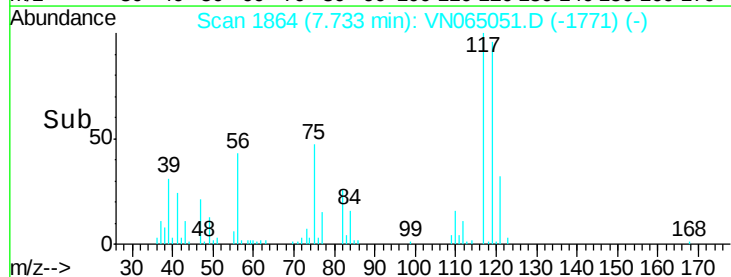
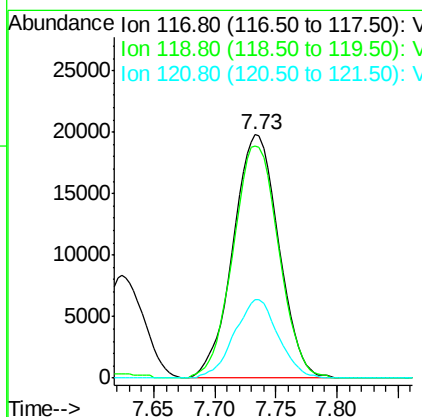
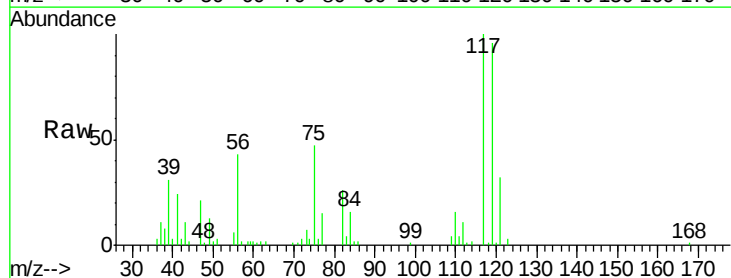
Manual Integrations
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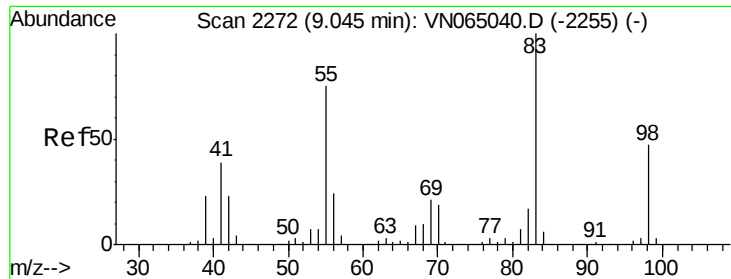
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12/11/2020 12:32:46 PM



#38
Carbon Tetrachloride
Concen: 17.775 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	75.9	113.9
121	32.0	24.1	36.1





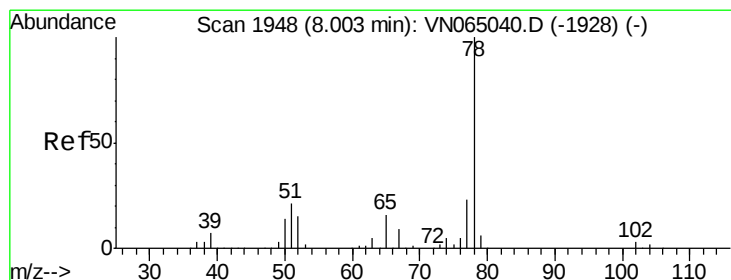
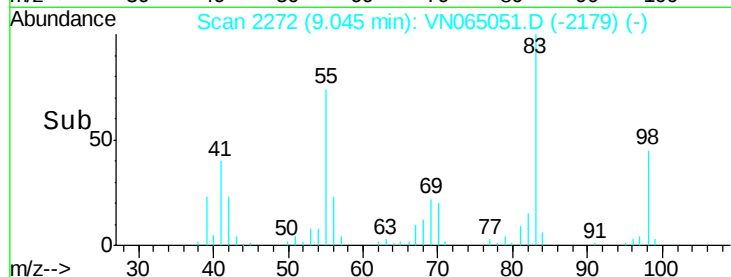
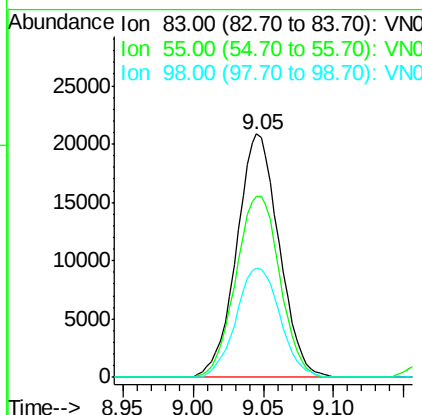
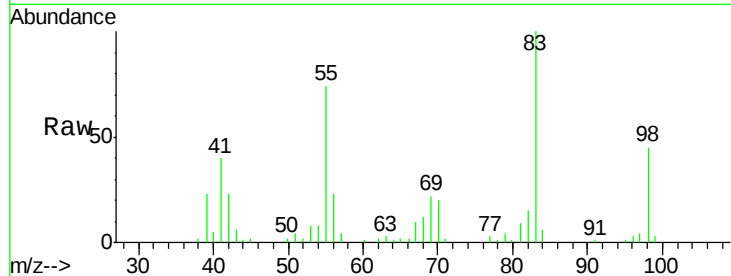
#39
Methvlcvclohexane
Concen: 16.484 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01

Tot Ion	83	Resp	43923
Ion Ratio	Lower	Upper	
83	100		
55	74.4	60.3	90.5
98	45.1	37.4	56.0

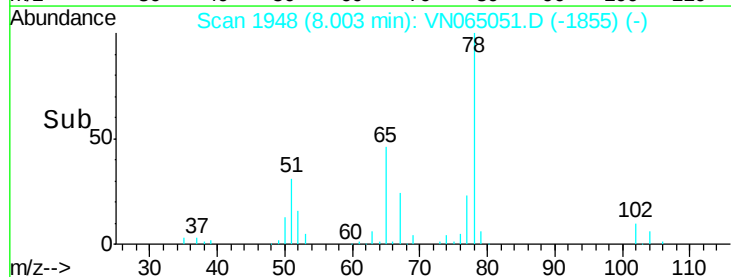
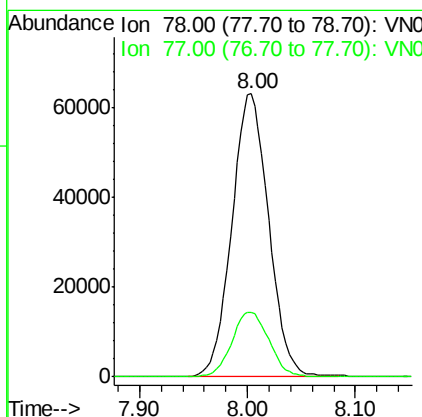
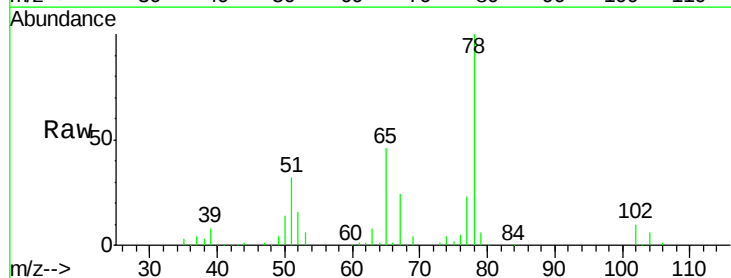
Manual Integrations
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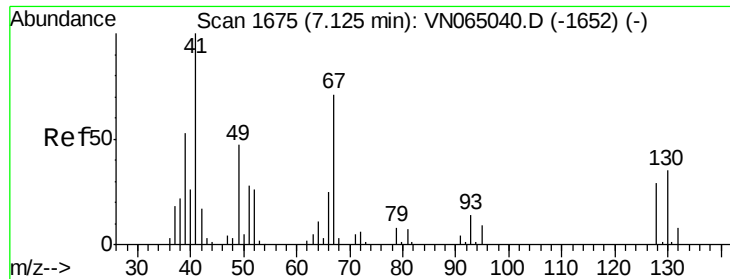
MMDadoda
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#40
Benzene
Concen: 17.859 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

Tgt Ion	78	Resp	149974
Ion Ratio	Lower	Upper	
78	100		
77	23.0	18.7	28.1





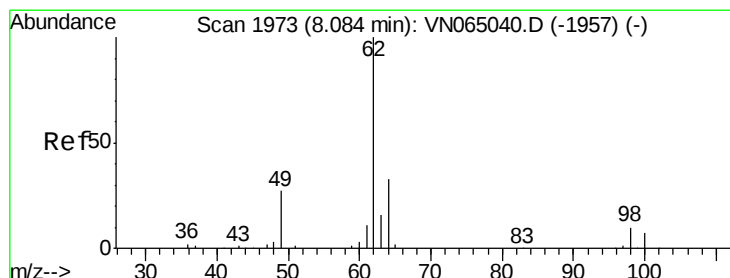
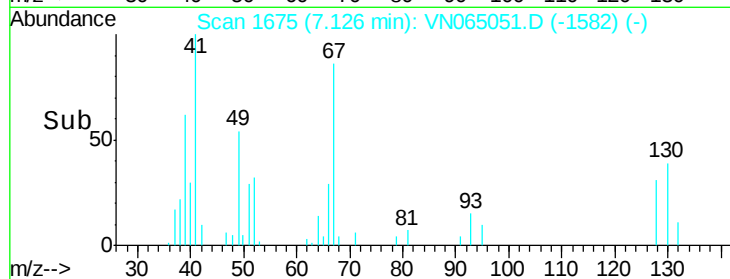
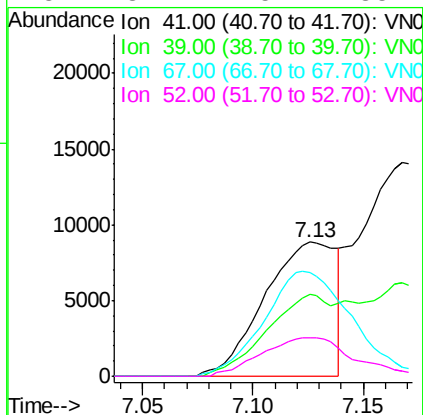
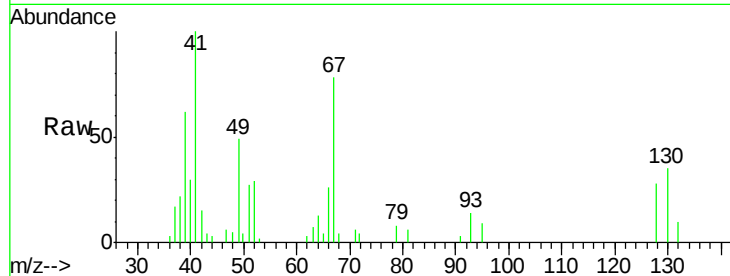
#41
Methacrylonitrile
Concen: 15.582 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01

Tot Ion:	41	Resp:	19959
Ion	Ratio	Lower	Upper
41	100		
39	52.8	36.0	54.0
67	94.5	64.8	97.2
52	37.4	25.4	38.2

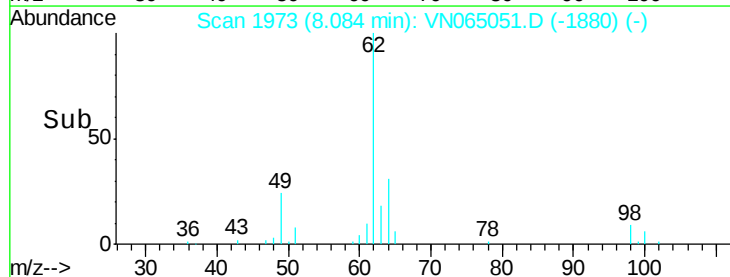
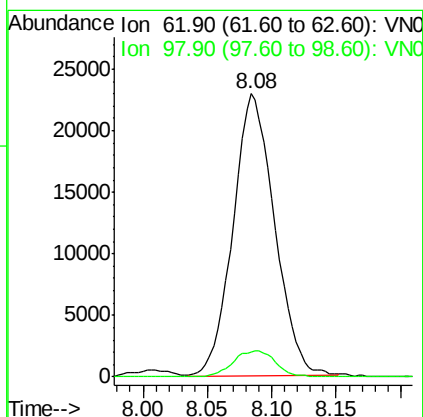
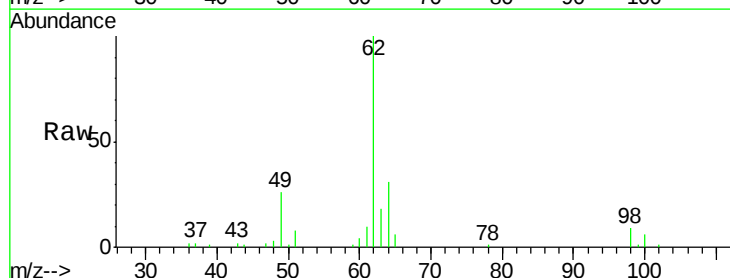
Manual Integrations
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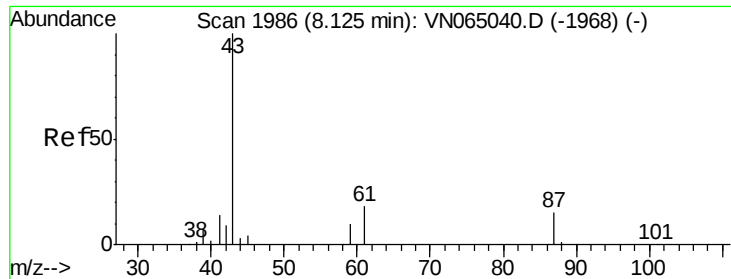
MMDadoda
12/11/2020 12:32:46 PM



#42
1,2-Dichloroethane
Concen: 17.921 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

Tgt Ion:	62	Resp:	51030
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.8





#43

Isopropyl Acetate

Concen: 17.670 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

Instrument :

MSVOA_N

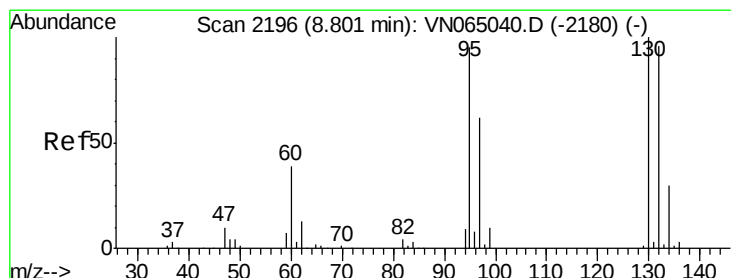
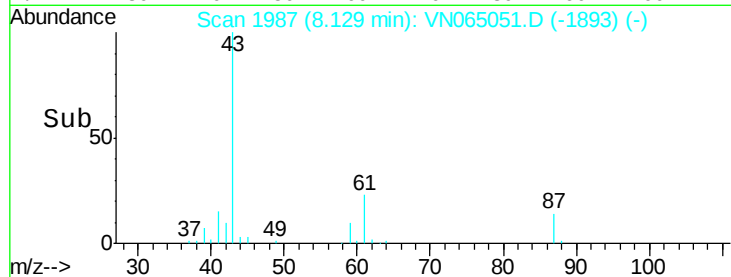
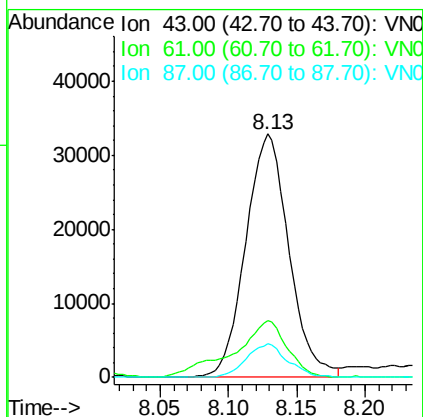
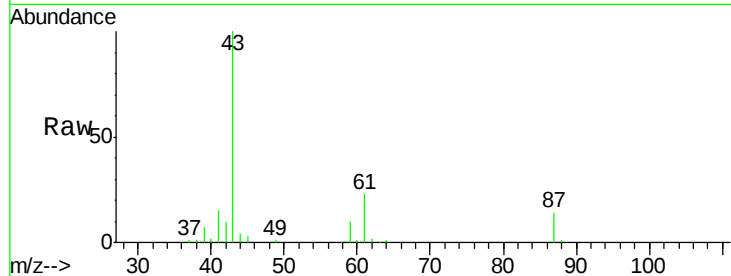
ClientSampleId :

VN1210WBSD01

Tot Ion:	43	Resp:	72410
Ion	Ratio	Lower	Upper
43	100		
61	28.8	16.9	25.3#
87	13.1	11.4	17.2

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#44

Trichloroethene

Concen: 18.021 ug/l

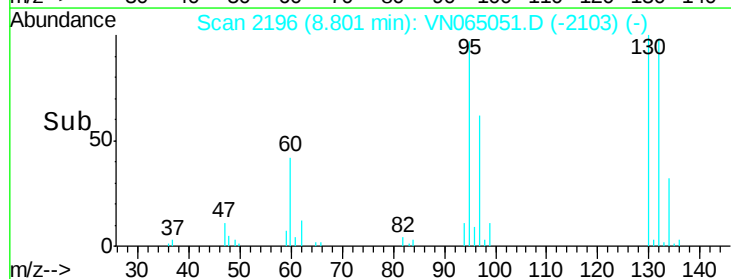
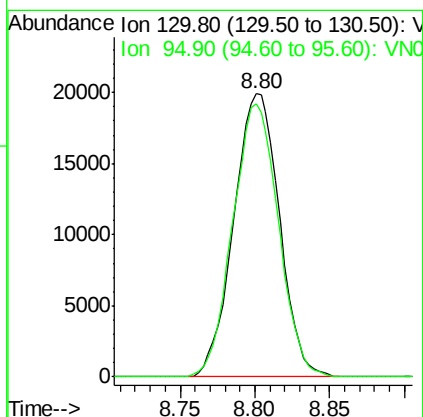
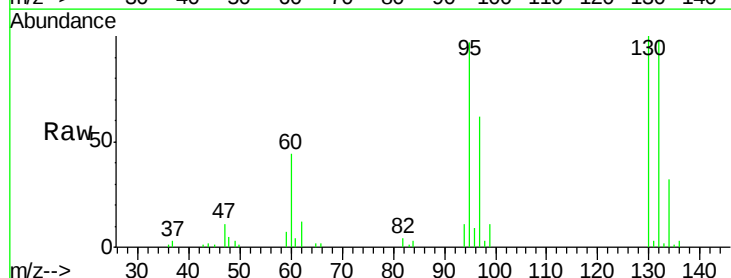
RT: 8.80 min Scan# 2196

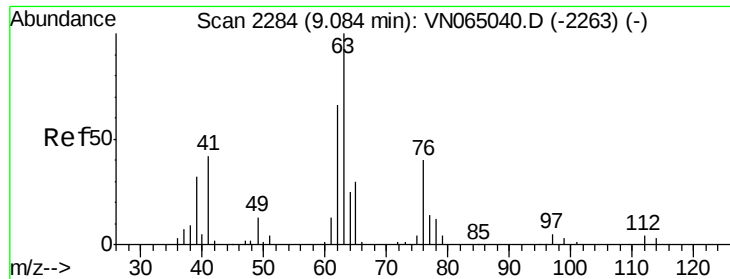
Delta R.T. 0.00 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

Tgt Ion:	130	Resp:	42267
Ion	Ratio	Lower	Upper
130	100		
95	96.6	0.0	190.2





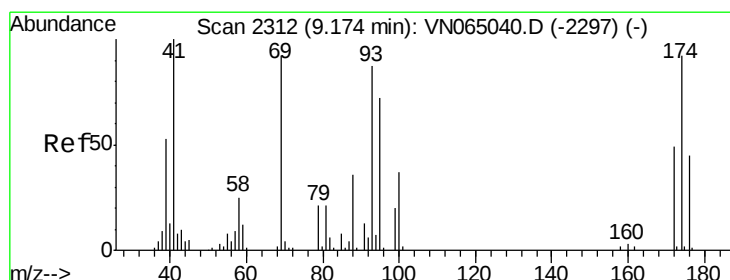
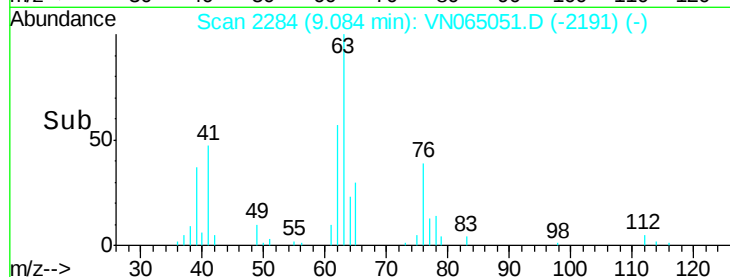
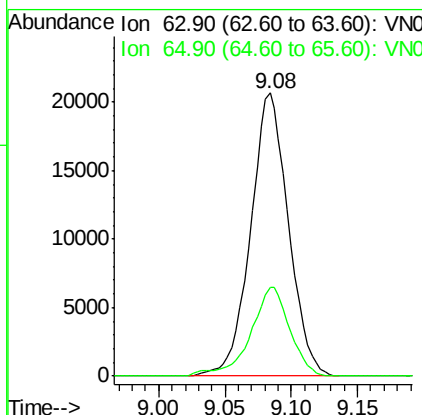
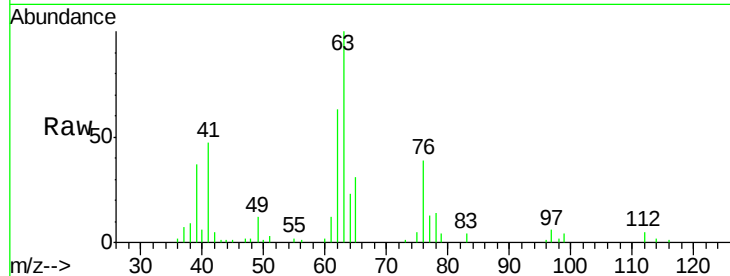
#45
 1,2-Dichloropropane
 Concen: 18.070 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN065051.D
 Acq: 10 Dec 2020 18:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBSD01

Tot Ion: 63 Resp: 41049
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.0 36.0

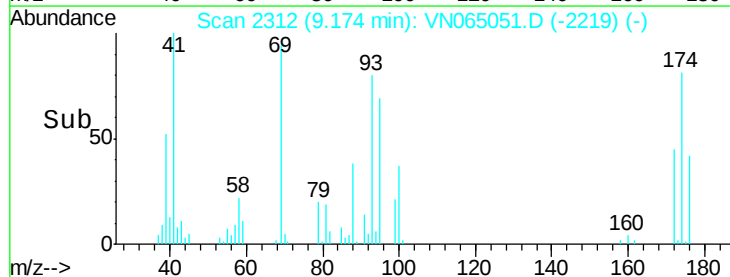
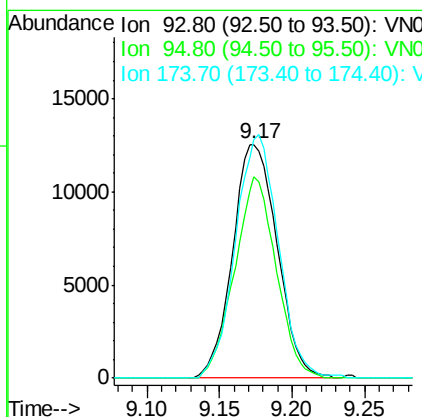
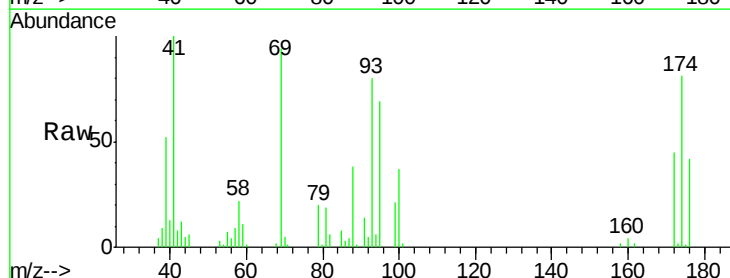
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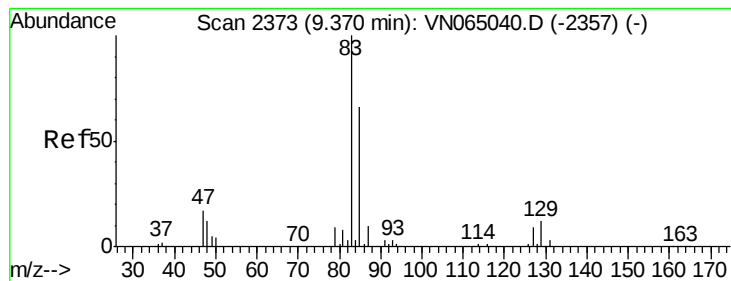
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#46
 Dibromomethane
 Concen: 18.240 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN065051.D
 Acq: 10 Dec 2020 18:55

Tgt Ion: 93 Resp: 26842
 Ion Ratio Lower Upper
 93 100
 95 80.2 65.7 98.5
 174 100.6 83.0 124.4





#47

Bromodichloromethane

Concen: 17.925 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

Instrument :

MSVOA_N

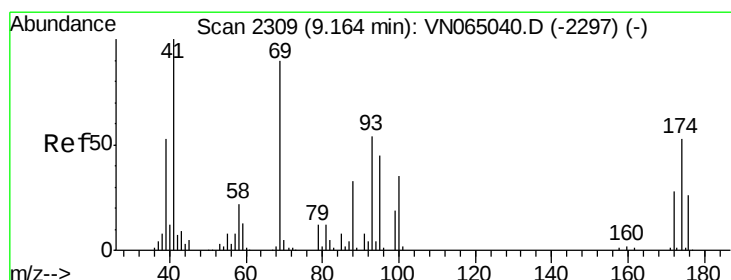
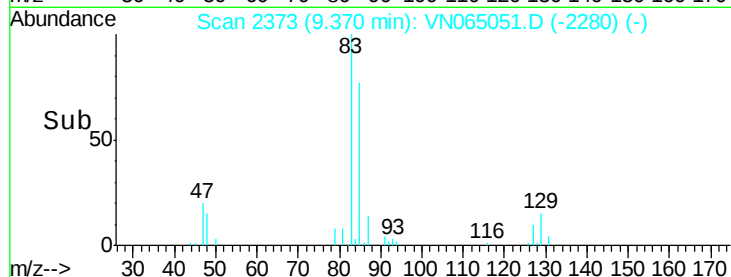
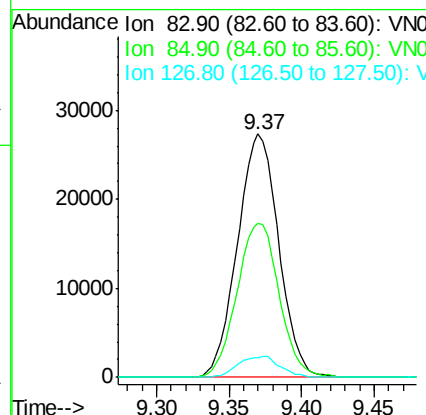
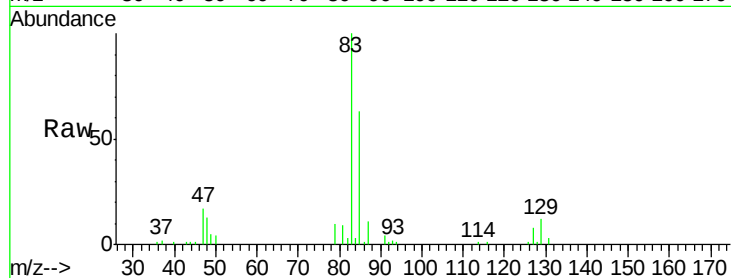
ClientSampleId :

VN1210WBSD01

Tot Ion:	83	Resp:	54032
Ion	Ratio	Lower	Upper
83	100		
85	63.5	52.5	78.7
127	8.2	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 17.365 ug/l

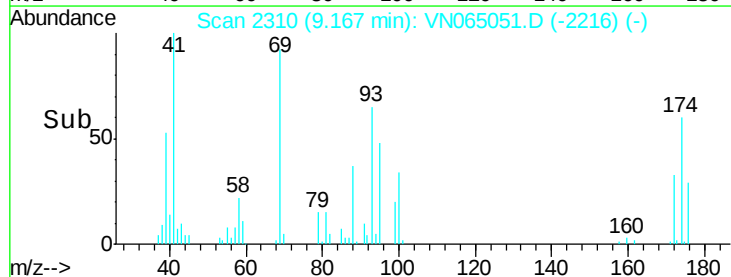
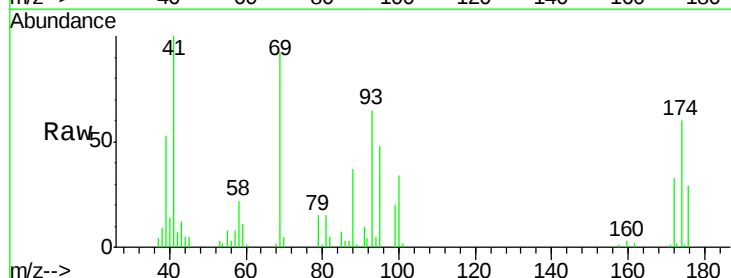
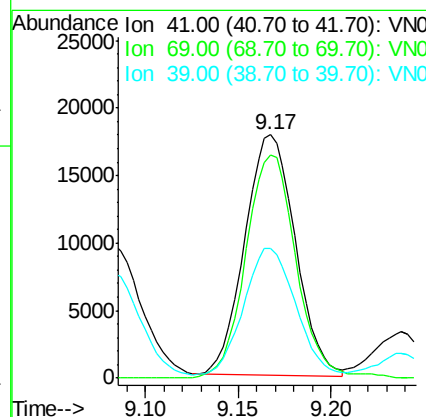
RT: 9.17 min Scan# 2310

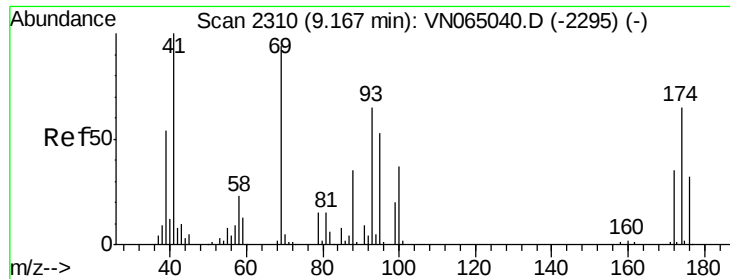
Delta R.T. 0.00 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

Tgt Ion:	41	Resp:	33781
Ion	Ratio	Lower	Upper
41	100		
69	91.9	72.1	108.1
39	56.9	43.8	65.6





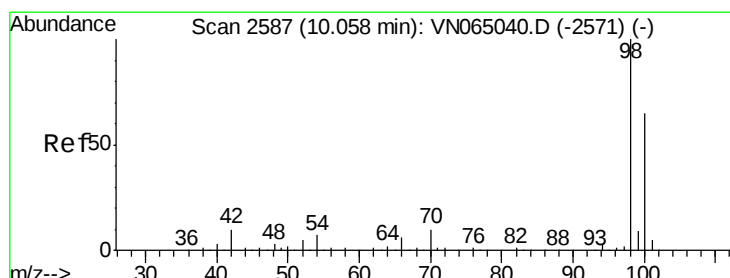
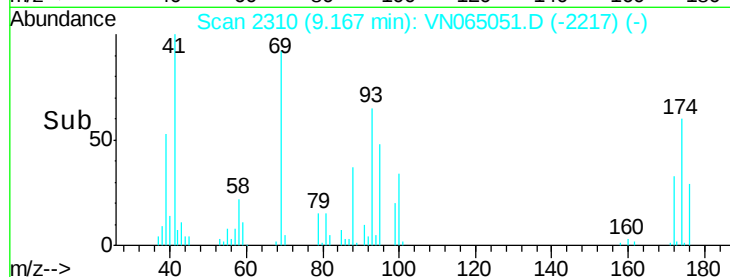
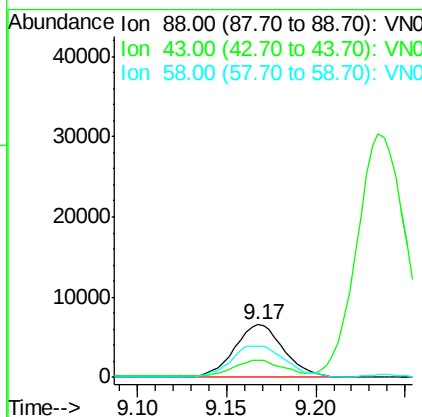
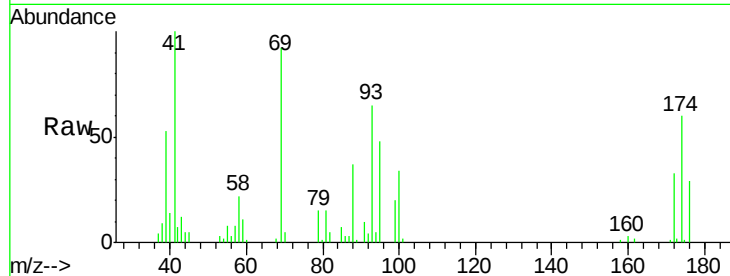
#49
1,4-Dioxane
Concen: 361.408 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.6	21.1	31.7
58	65.5	53.8	80.8

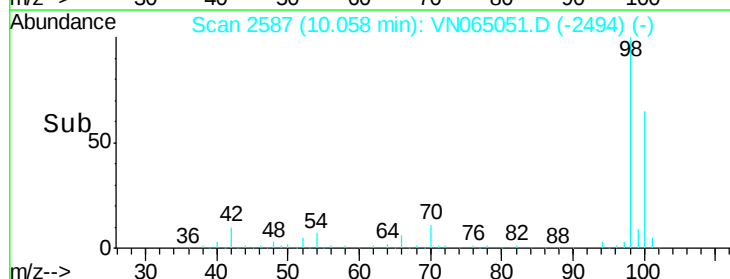
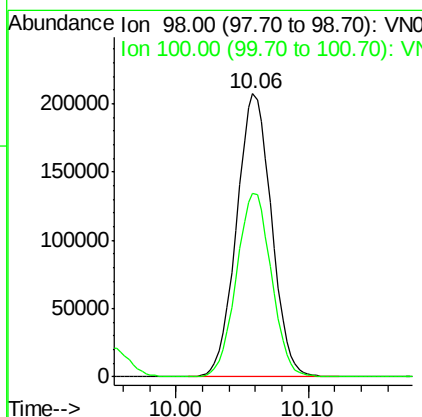
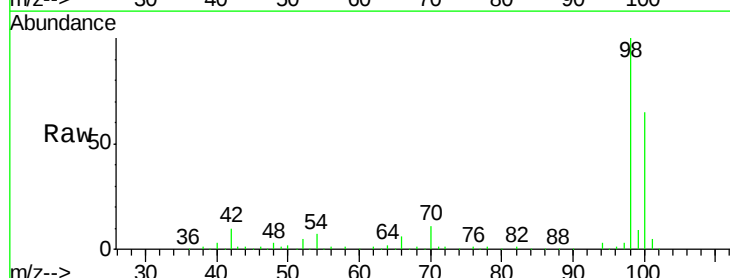
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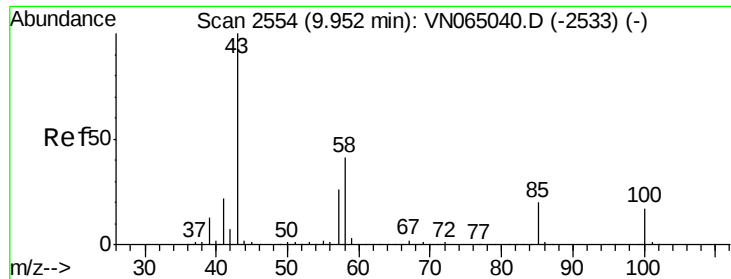
MMDadoda
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#50
Toluene-d8
Concen: 47.095 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 91.008 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBSD01

Tot Ion: 43 Resp: 222958

Ion Ratio Lower Upper

43 100

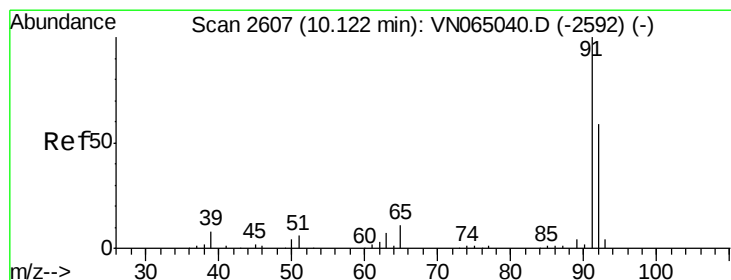
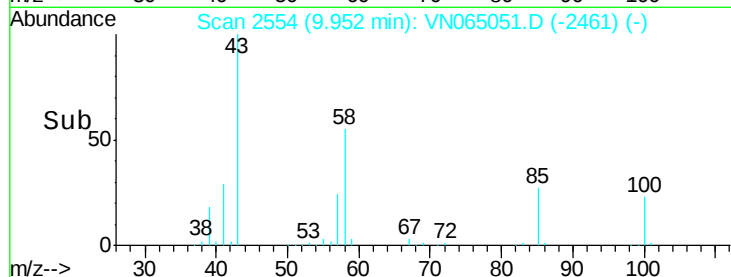
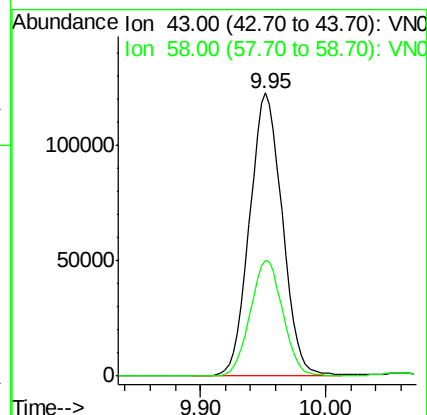
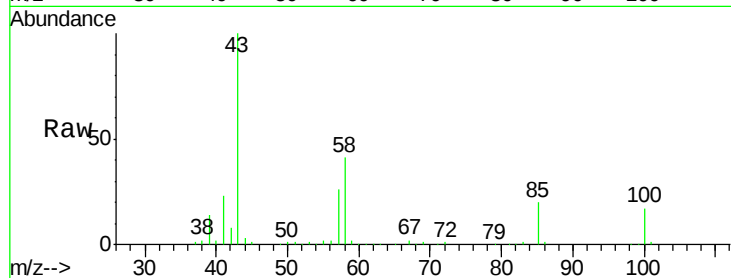
58 40.9 32.4 48.6

Manual Integrations

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#52

Toluene

Concen: 17.943 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN065051.D

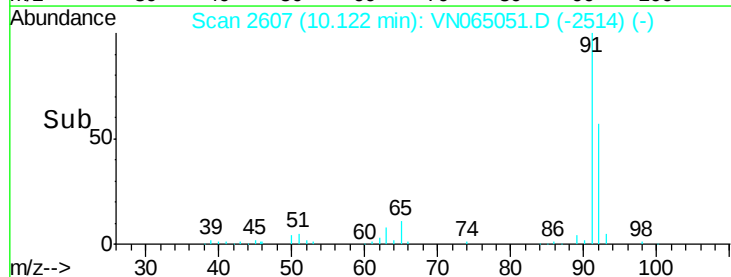
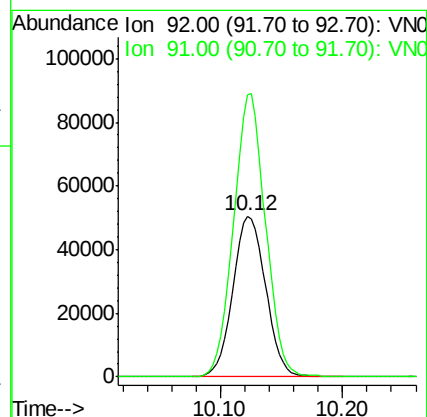
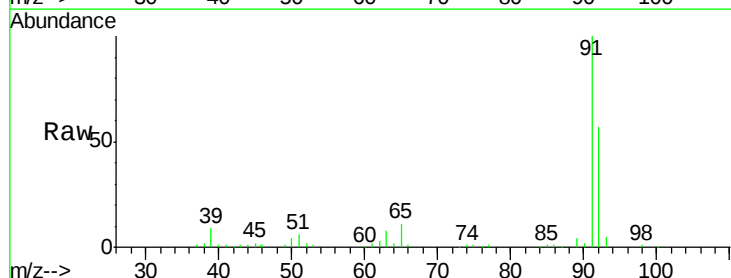
Acq: 10 Dec 2020 18:55

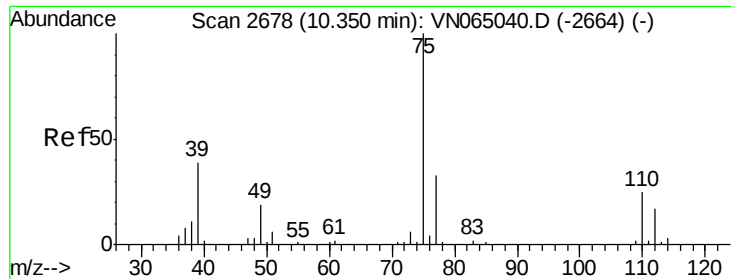
Tgt Ion: 92 Resp: 94422

Ion Ratio Lower Upper

92 100

91 171.6 137.9 206.9





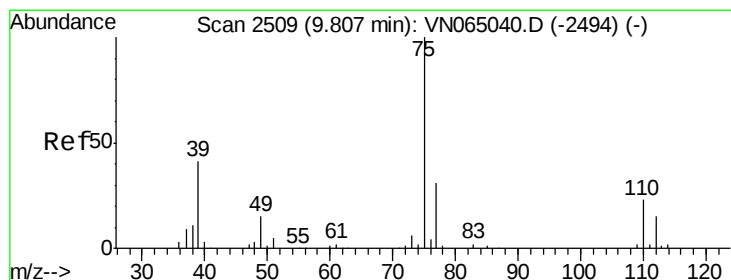
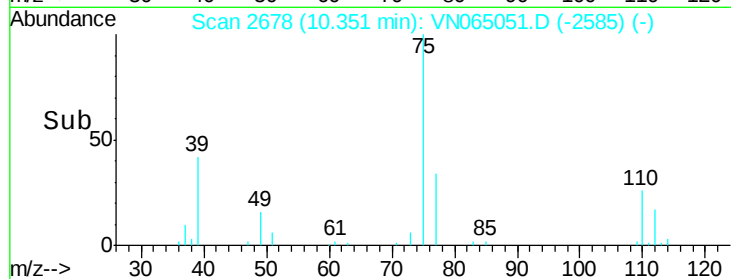
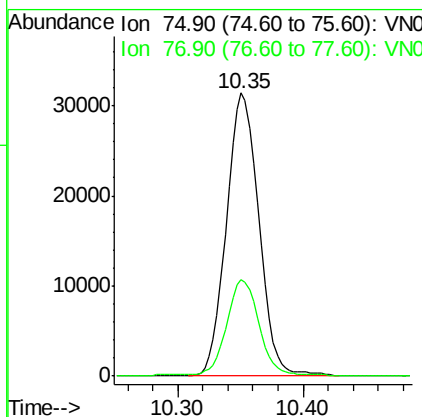
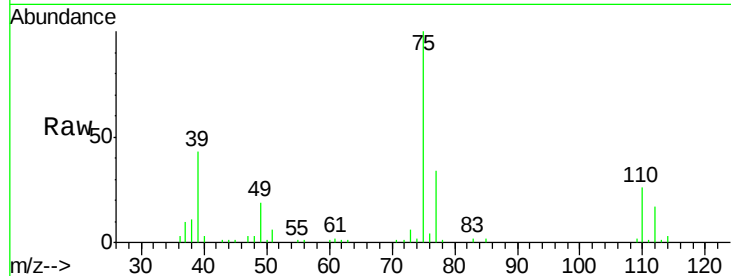
#53
t-1,3-Dichloropropene
Concen: 17.608 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01

Tot Ion: 75 Resp: 56565
Ion Ratio Lower Upper
75 100
77 34.1 26.0 39.0

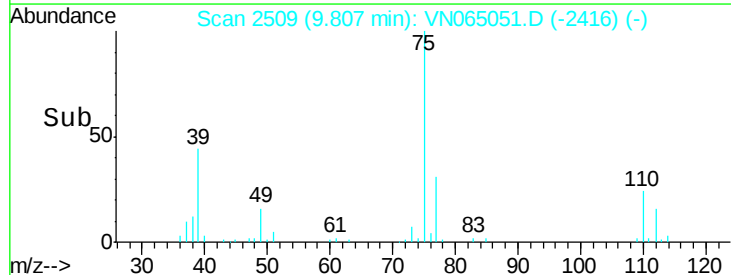
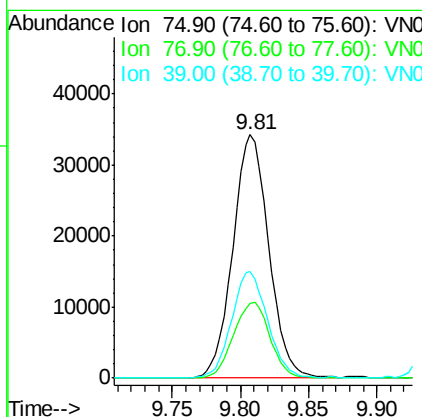
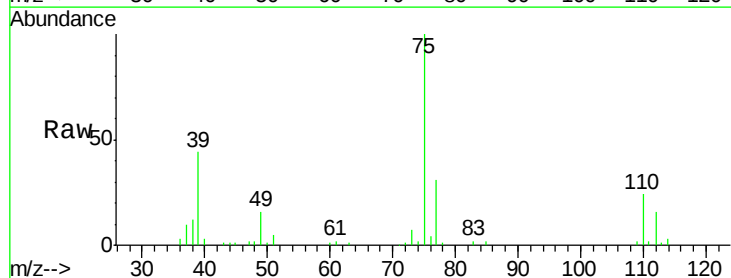
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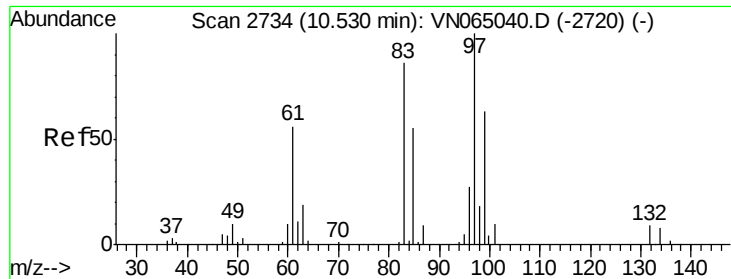
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#54
cis-1,3-Dichloropropene
Concen: 17.446 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

Tgt Ion: 75 Resp: 62686
Ion Ratio Lower Upper
75 100
77 30.7 24.8 37.2
39 43.8 33.0 49.4





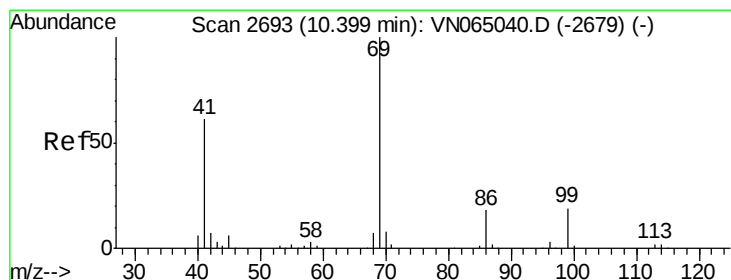
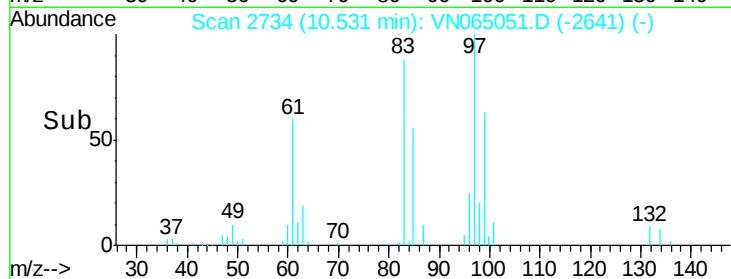
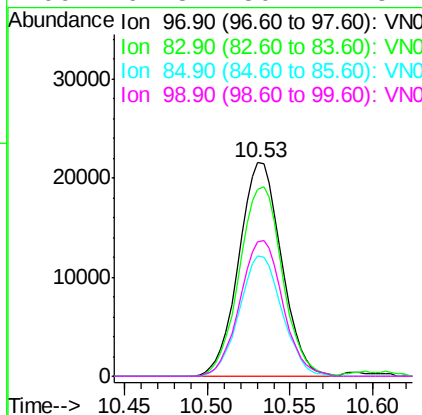
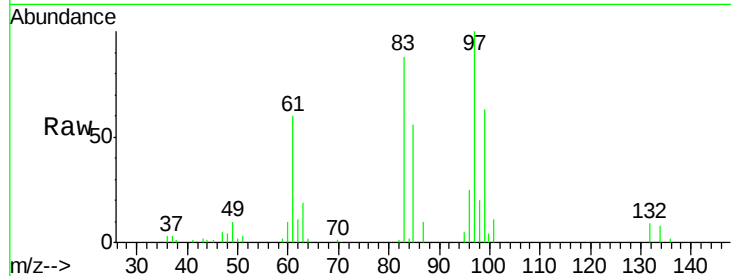
#55
 1,1,2-Trichloroethane
 Concen: 17.758 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN065051.D
 Acq: 10 Dec 2020 18:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBSD01

Tot Ion:	97	Resp:	38691
Ion	Ratio	Lower	Upper
97	100		
83	87.7	69.0	103.6
85	56.4	43.6	65.4
99	62.8	50.1	75.1

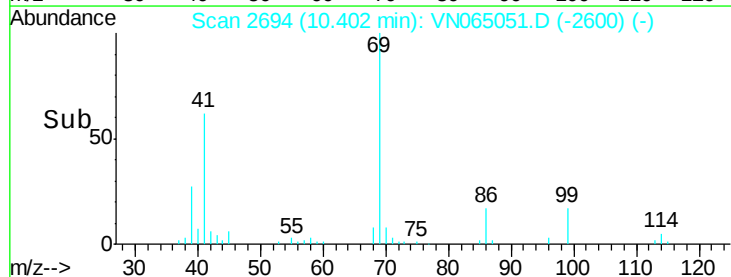
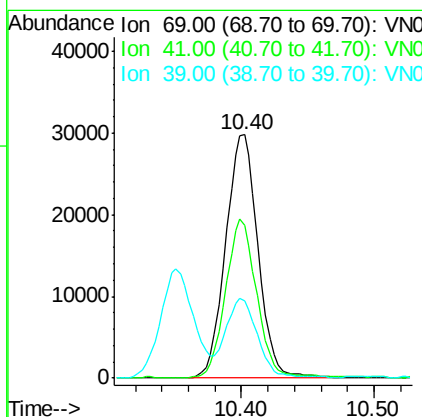
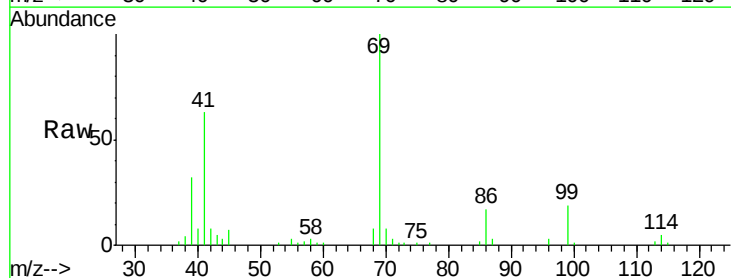
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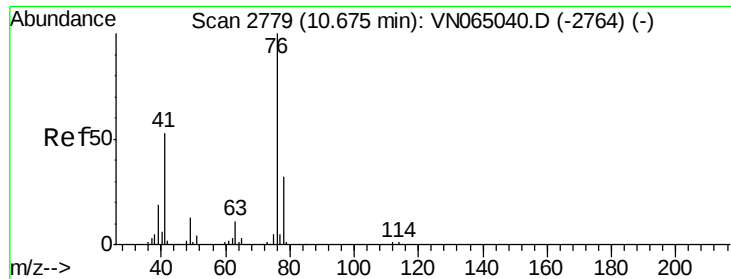
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#56
 Ethyl methacrylate
 Concen: 17.542 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN065051.D
 Acq: 10 Dec 2020 18:55

Tgt Ion:	69	Resp:	50472
Ion	Ratio	Lower	Upper
69	100		
41	63.4	48.2	72.2
39	31.9	24.7	37.1





#57

1,3-Dichloropropane

Concen: 18.043 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBSD01

Tot Ion: 76 Resp: 64677

Ion Ratio Lower Upper

76 100

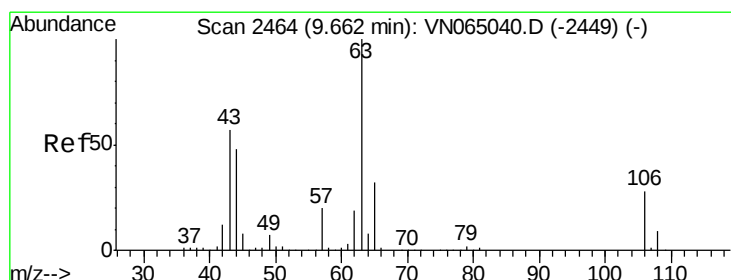
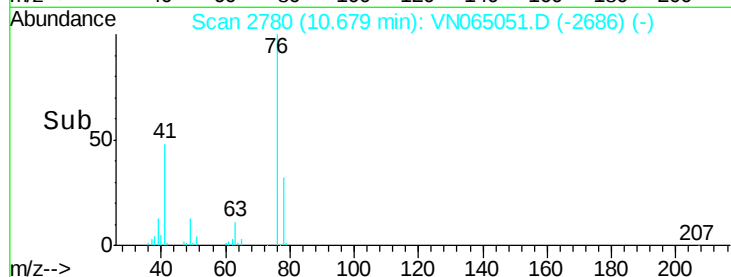
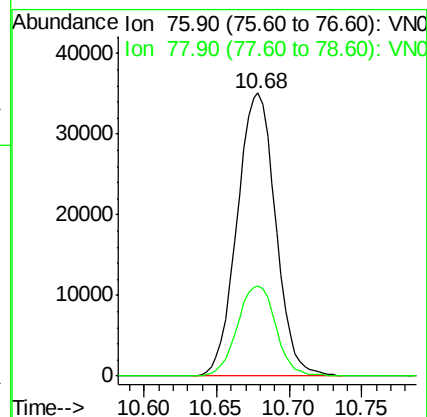
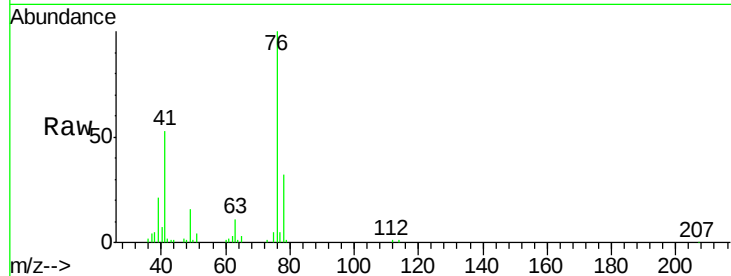
78 31.9 26.5 39.7

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 93.470 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN065051.D

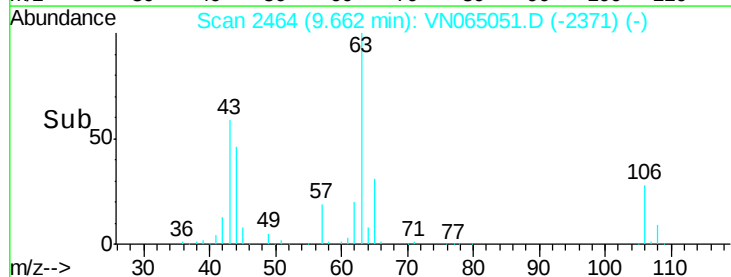
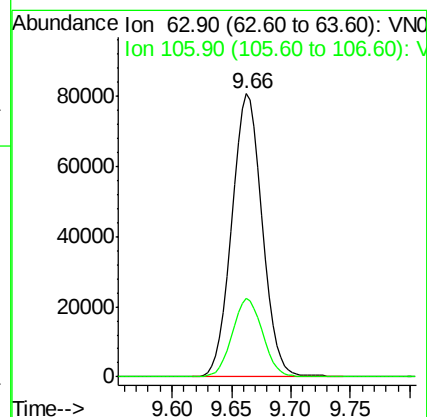
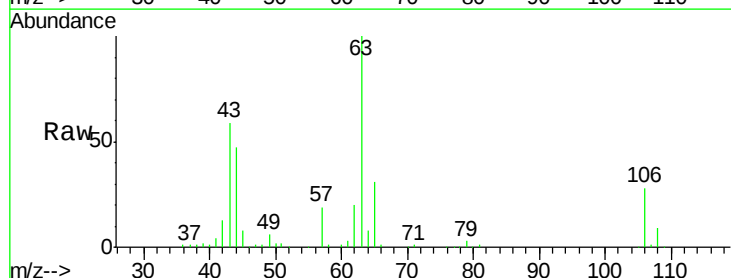
Acq: 10 Dec 2020 18:55

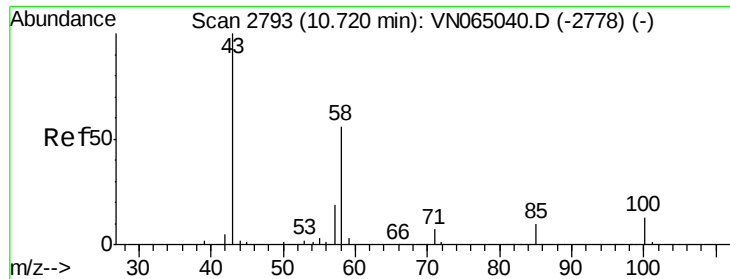
Tgt Ion: 63 Resp: 143313

Ion Ratio Lower Upper

63 100

106 27.6 22.6 33.8





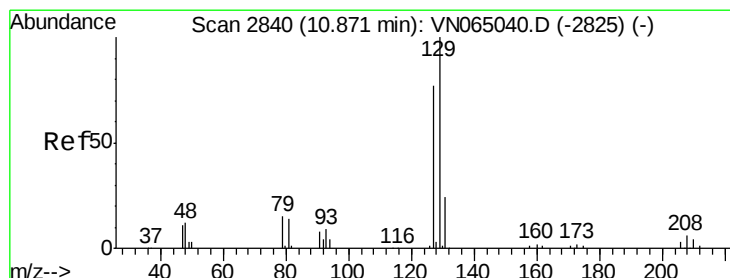
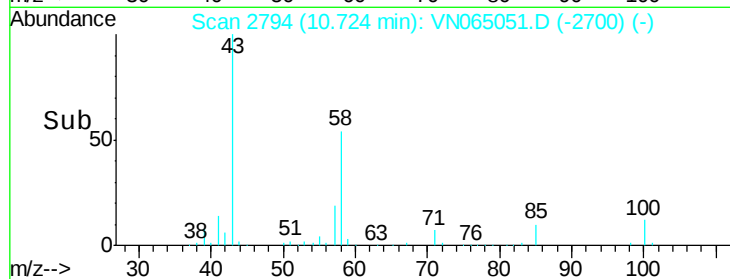
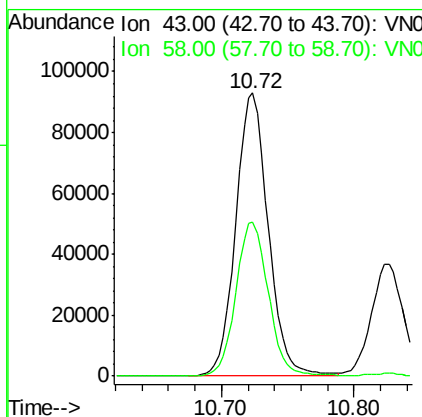
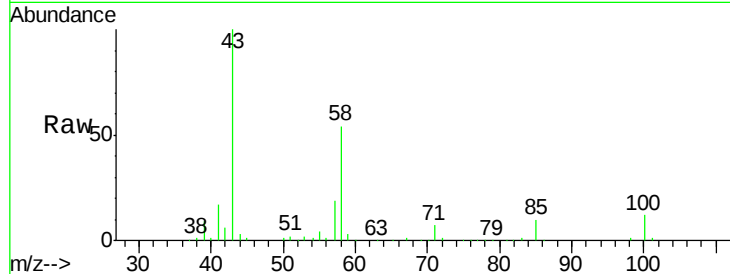
#59
2-Hexanone
Concen: 89.020 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01

Tot Ion: 43 Resp: 157117
Ion Ratio Lower Upper
43 100
58 54.8 28.3 84.9

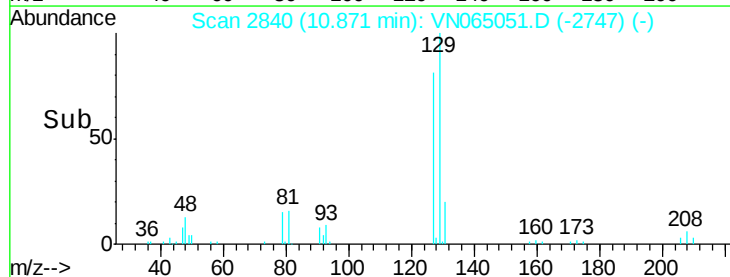
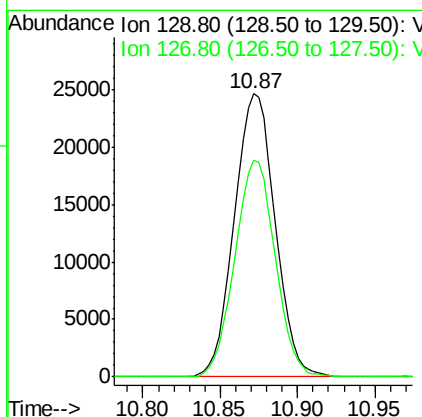
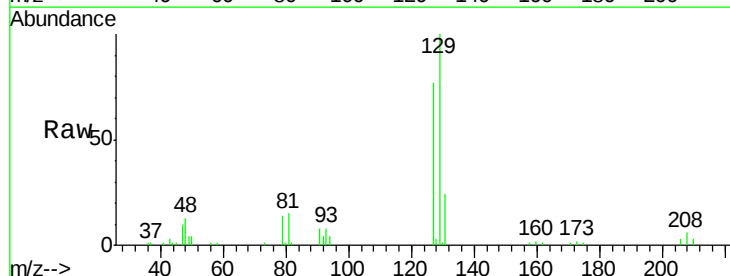
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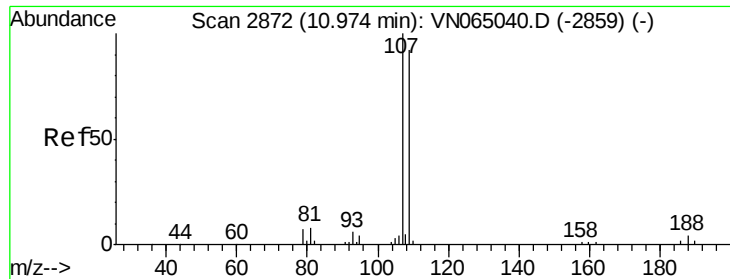
MMDadoda
12/11/2020 12:32:46 PM



#60
Dibromochloromethane
Concen: 18.229 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

Tgt Ion: 129 Resp: 45190
Ion Ratio Lower Upper
129 100
127 75.8 38.4 115.1





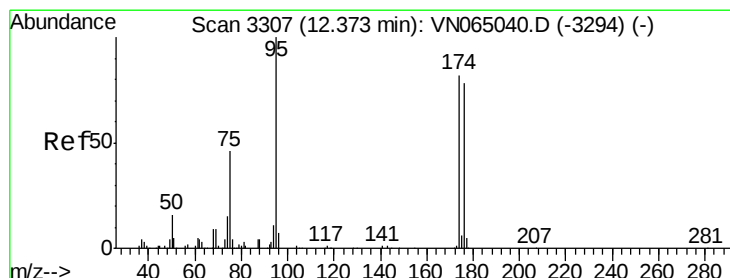
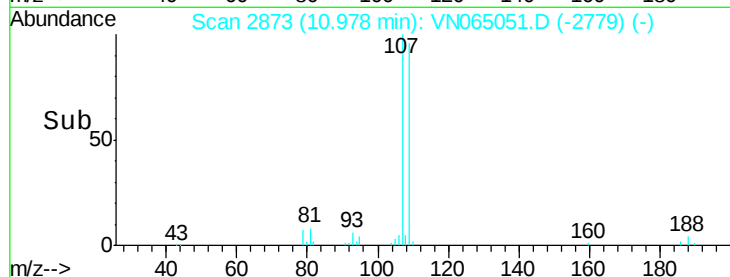
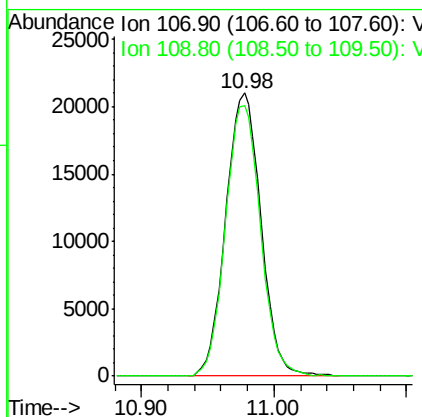
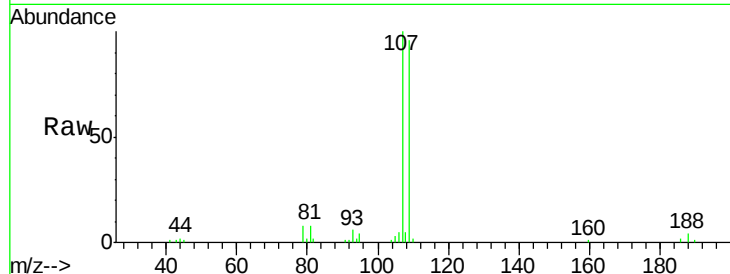
#61
 1,2-Dibromoethane
 Concen: 17.803 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN065051.D
 Acq: 10 Dec 2020 18:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBSD01

Tot Ion: 107 Resp: 38828
 Ion Ratio Lower Upper
 107 100
 109 95.2 74.1 111.1

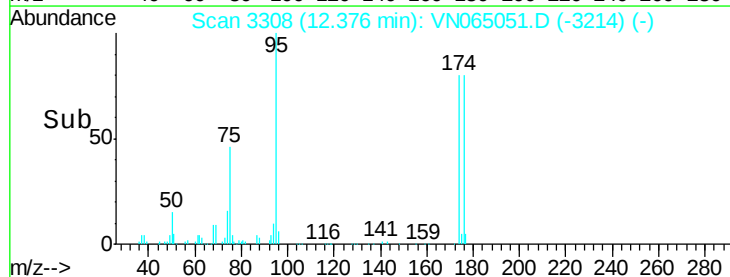
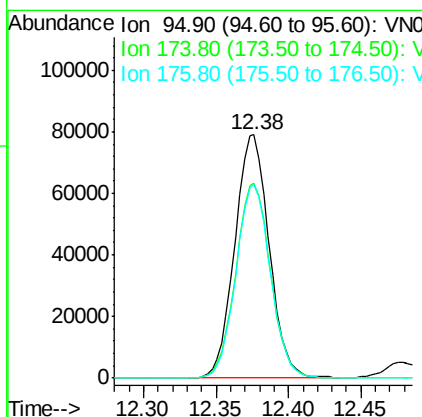
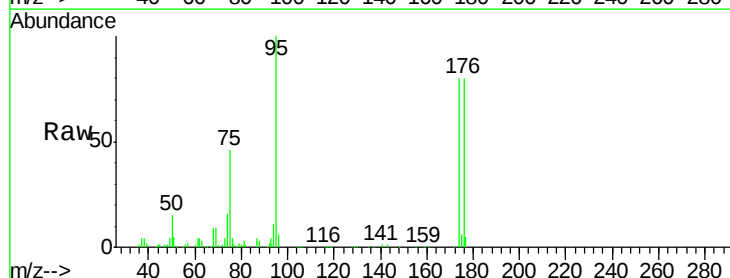
Manual Integrations
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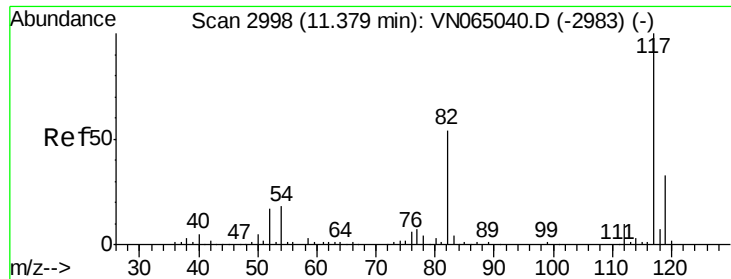
MMDadoda
 12/11/2020 12:32:46 PM



#62
 4-Bromofluorobenzene
 Concen: 47.225 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN065051.D
 Acq: 10 Dec 2020 18:55

Tgt Ion: 95 Resp: 130592
 Ion Ratio Lower Upper
 95 100
 174 80.9 0.0 164.8
 176 79.6 0.0 158.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

Instrument :

MSVOA_N

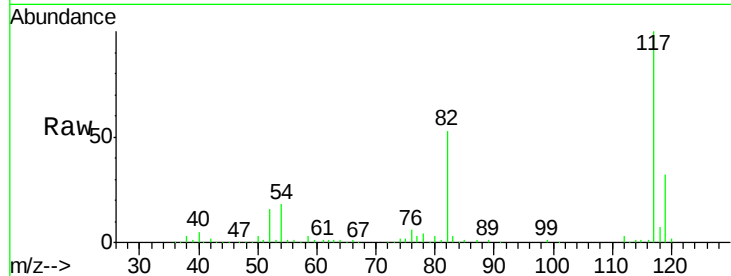
ClientSampleId :

VN1210WBSD01

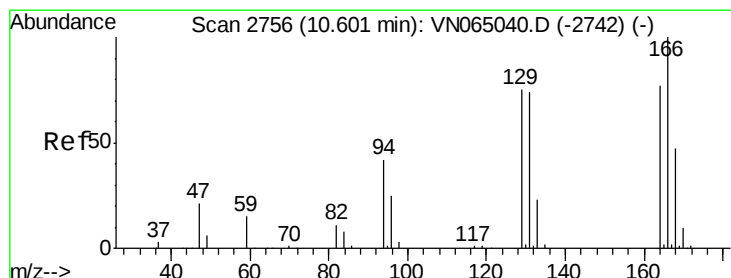
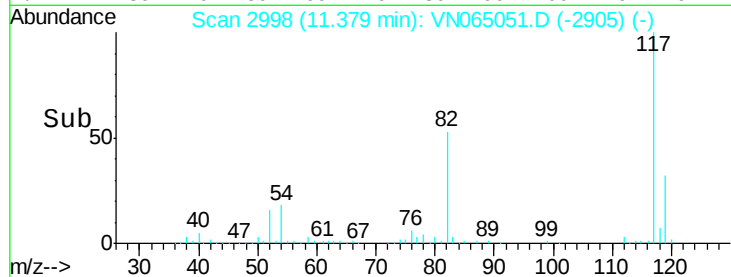
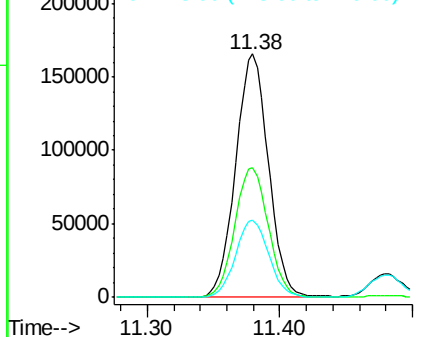
Tot Ion:	117	Resp:	284720
Ion Ratio	Lower	Upper	
117	100		
82	53.1	43.5	65.3
119	31.6	26.4	39.6

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Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 17.787 ug/l

RT: 10.60 min Scan# 2756

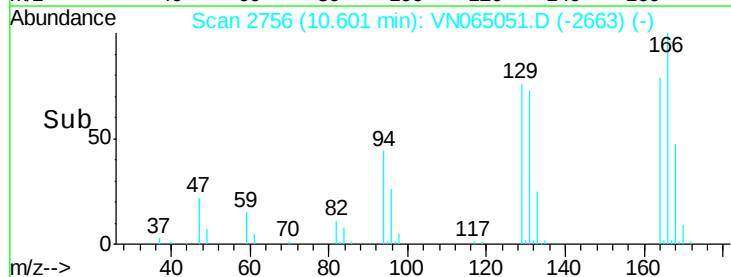
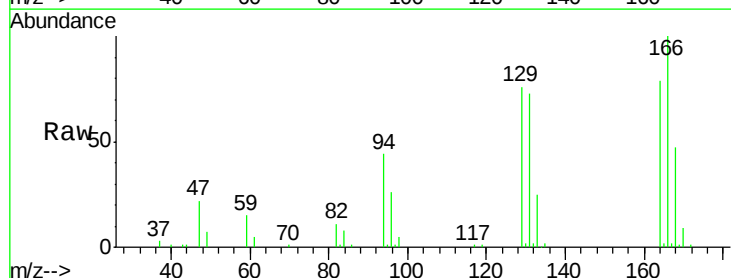
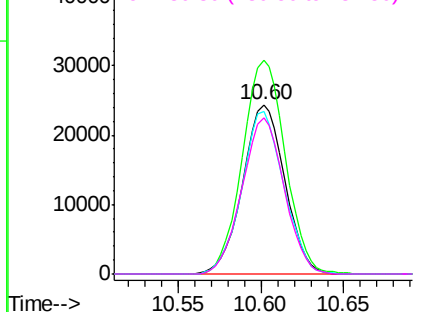
Delta R.T. 0.00 min

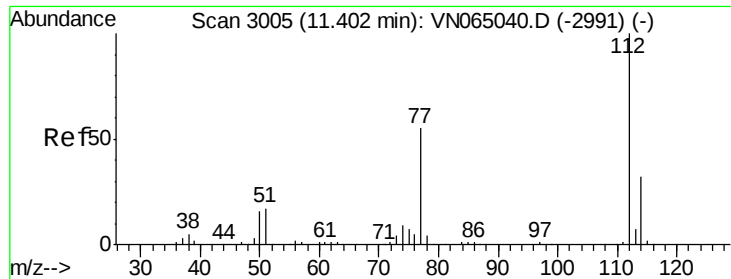
Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

Tgt Ion:	164	Resp:	43030
Ion Ratio	Lower	Upper	
164	100		
166	126.3	103.3	154.9
129	95.9	77.0	115.4
131	92.0	76.1	114.1

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





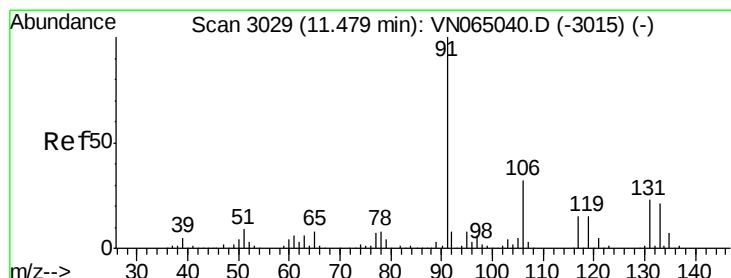
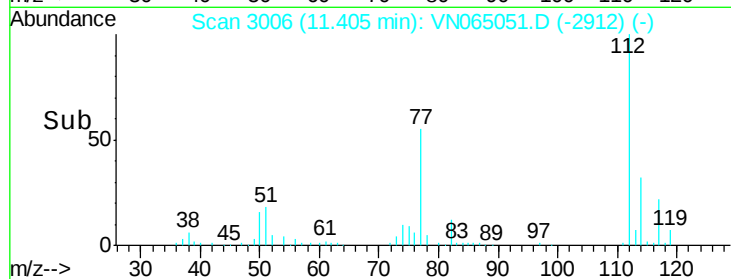
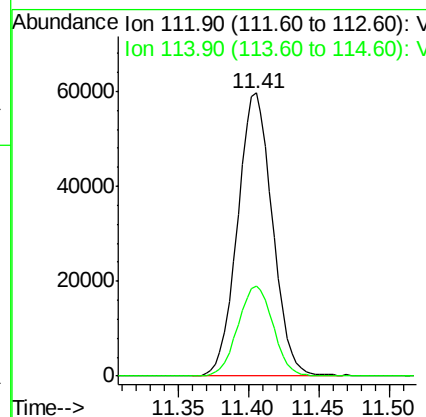
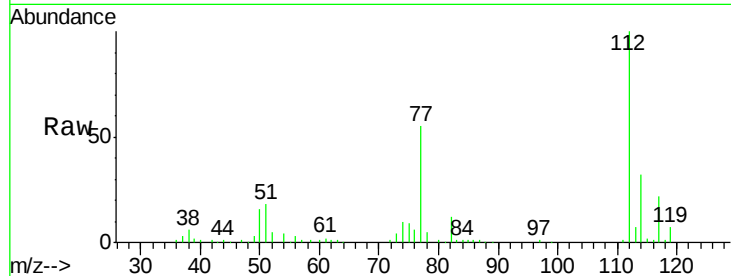
#65
Chlorobenzene
Concen: 17.753 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01

Tot Ion:112 Resp: 103528
Ion Ratio Lower Upper
112 100
114 31.8 25.9 38.9

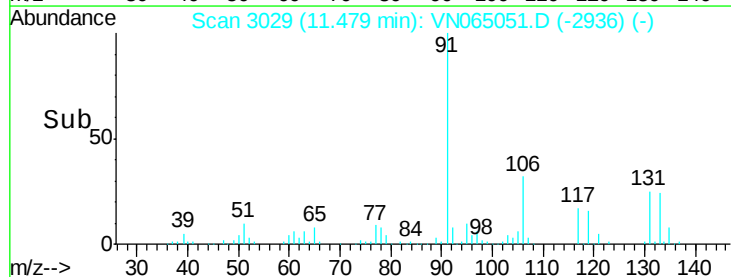
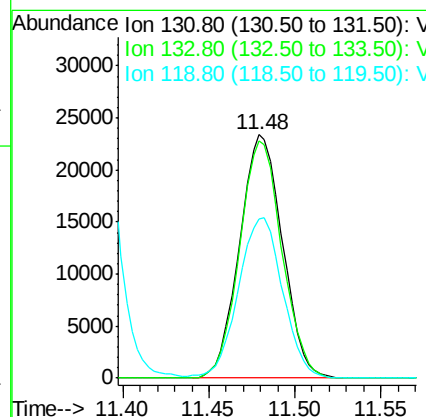
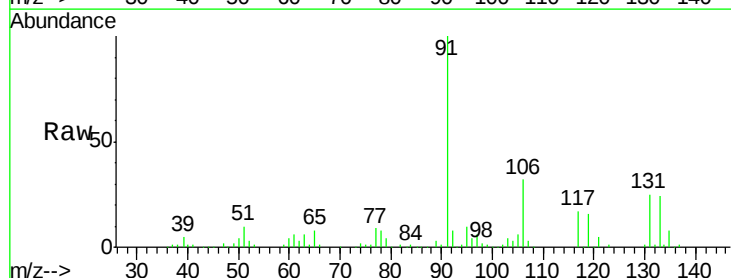
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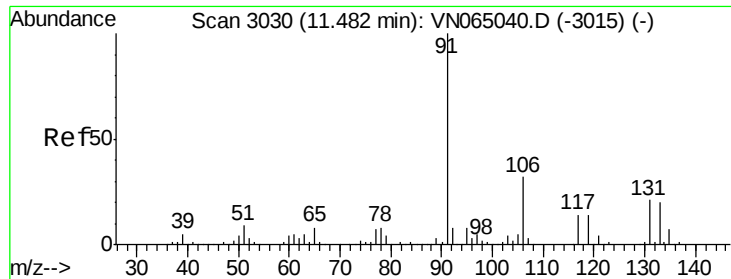
MMDadoda
12/11/2020 12:32:46 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 18.103 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

Tgt Ion:131 Resp: 40579
Ion Ratio Lower Upper
131 100
133 96.3 48.7 146.1
119 68.1 33.2 99.6





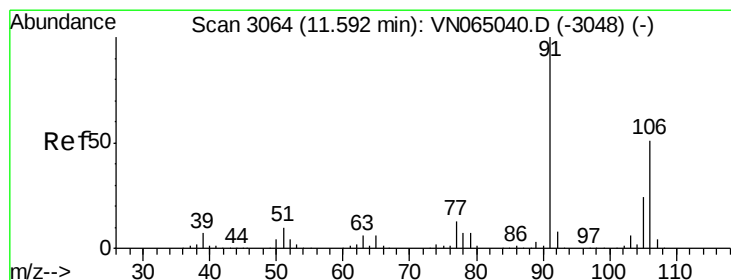
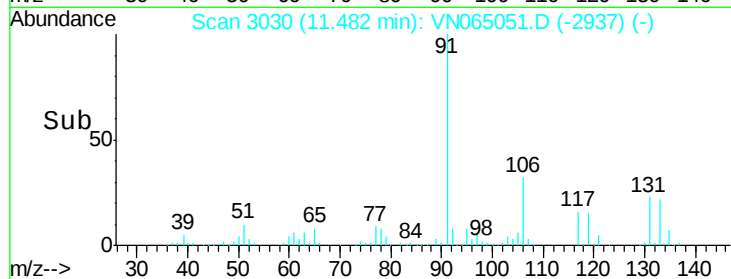
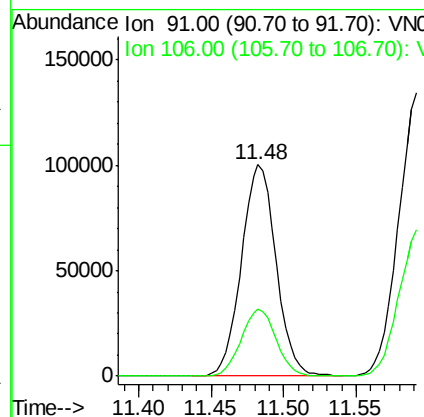
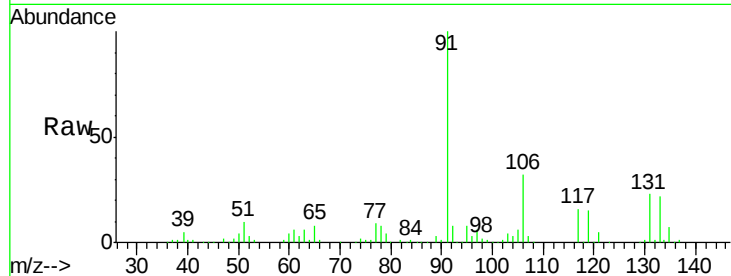
#67
Ethyl Benzene
Concen: 17.131 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01

Tot Ion: 91 Resp: 166685
Ion Ratio Lower Upper
91 100
106 31.6 25.7 38.5

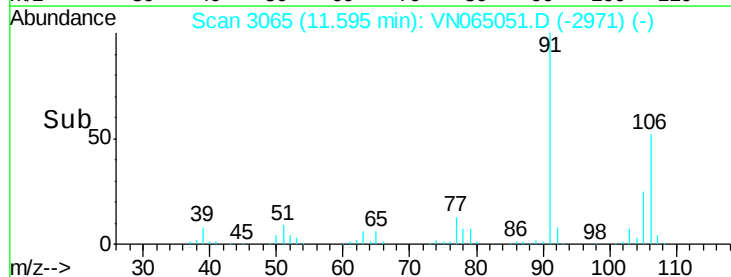
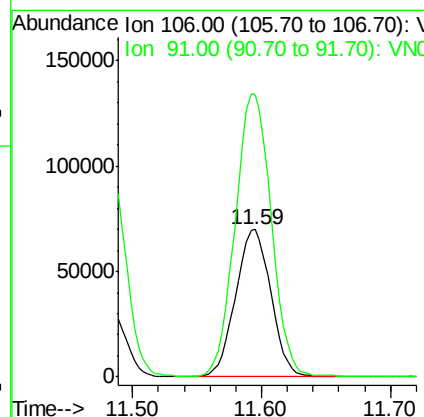
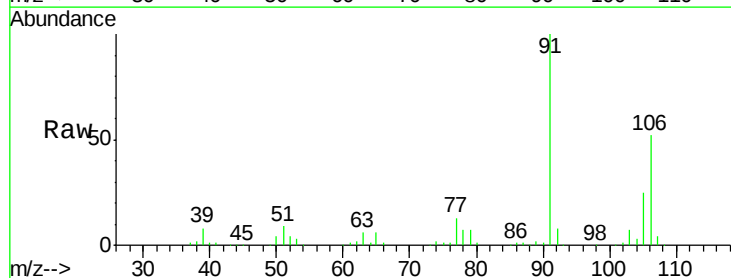
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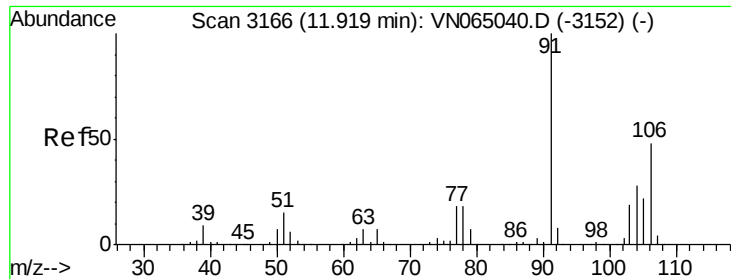
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#68
m/p-Xylenes
Concen: 35.299 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

Tgt Ion: 106 Resp: 133105
Ion Ratio Lower Upper
106 100
91 196.7 157.0 235.6





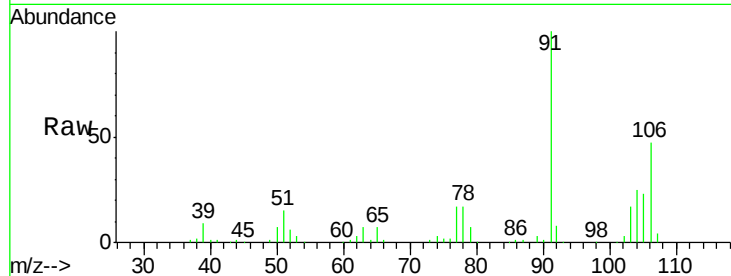
#69
o-Xylene
Concen: 17.271 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01

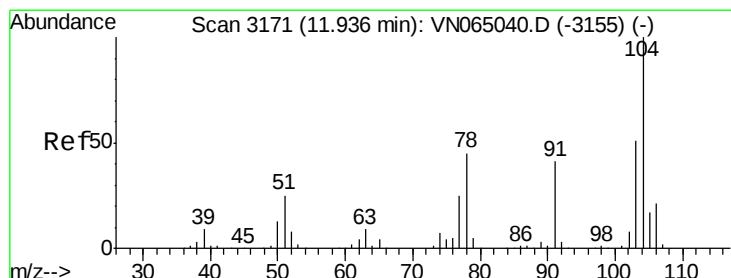
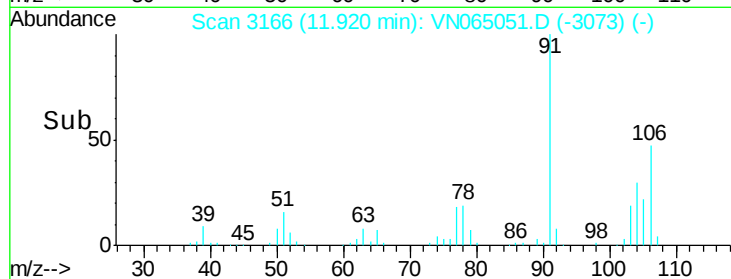
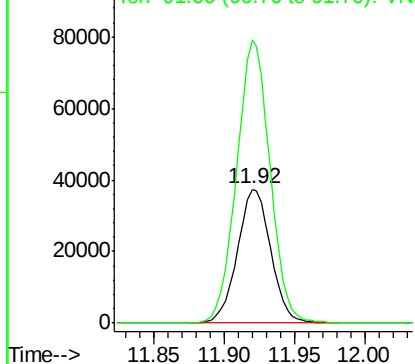
Tot Ion:106 Resp: 62155
Ion Ratio Lower Upper
106 100
91 212.0 104.1 312.3

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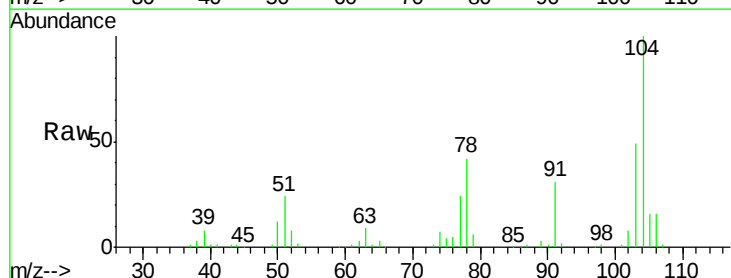


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

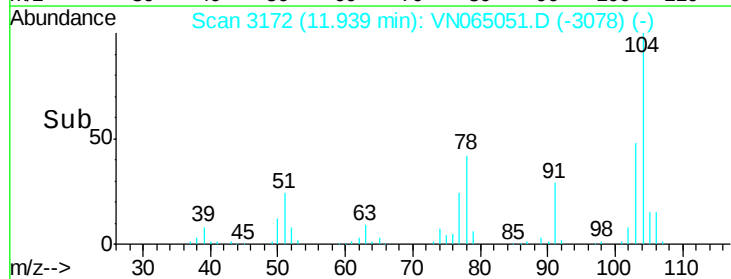
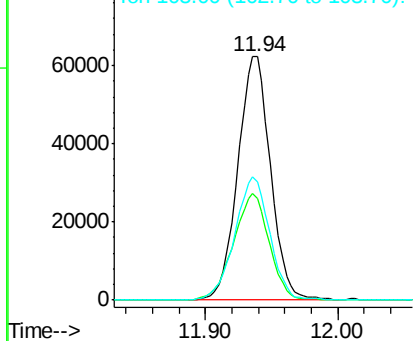


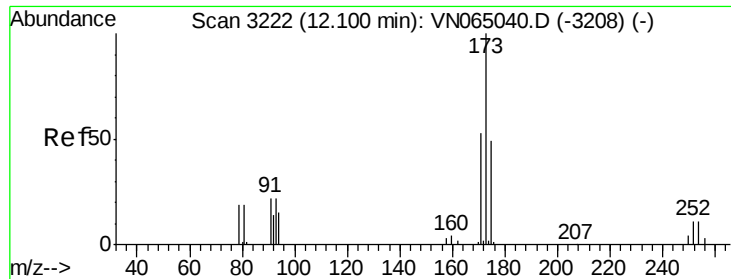
#70
Styrene
Concen: 17.574 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

Tgt Ion:104 Resp: 106965
Ion Ratio Lower Upper
104 100
78 47.8 38.7 58.1
103 54.0 43.8 65.8



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





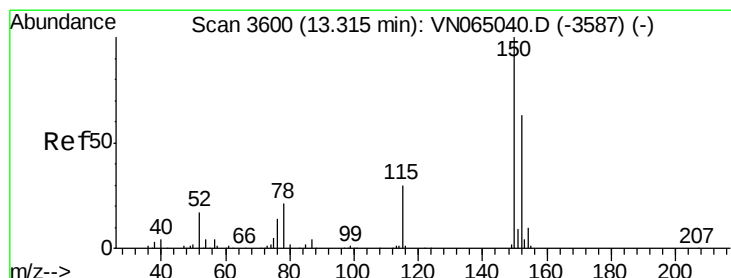
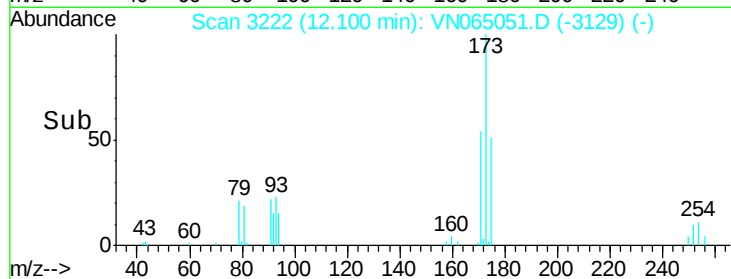
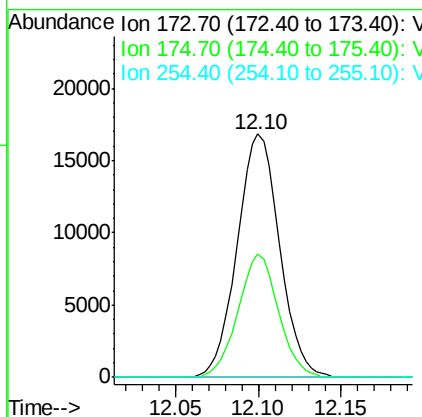
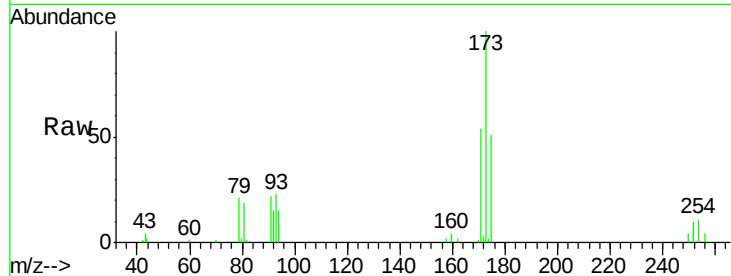
#71
Bromoform
Concen: 17.562 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.5	73.5
254	0.0	0.0	0.0

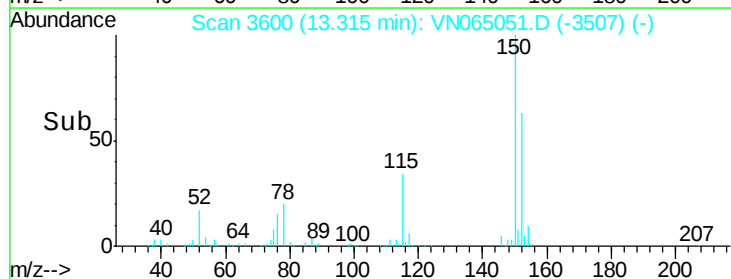
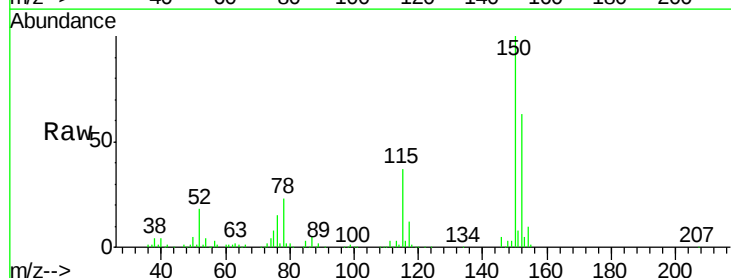
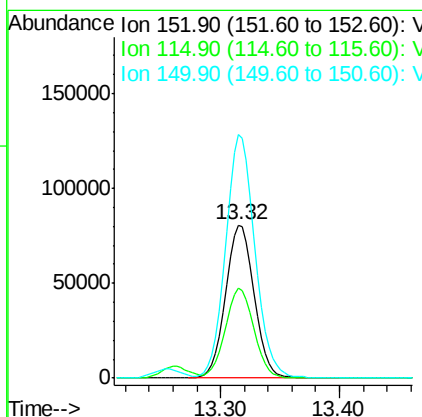
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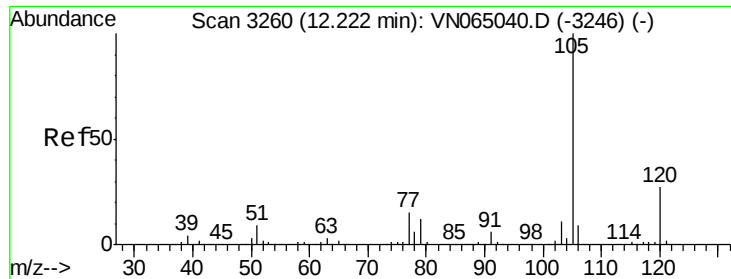
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.9	29.3	88.0
150	163.0	0.0	345.8





#73

Isopropylbenzene

Concen: 18.530 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBSD01

Tot Ion: 105 Resp: 165337

Ion Ratio Lower Upper

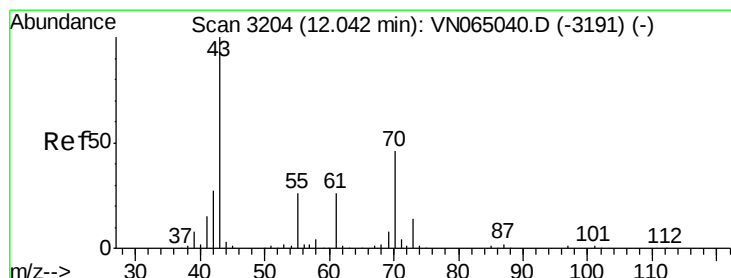
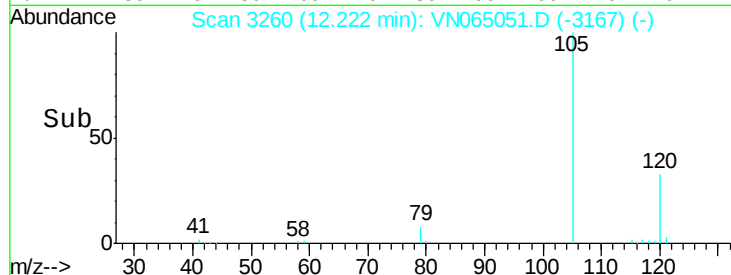
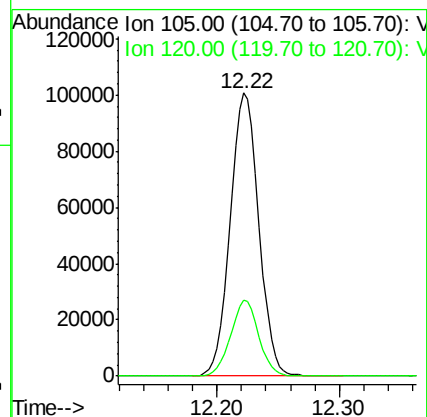
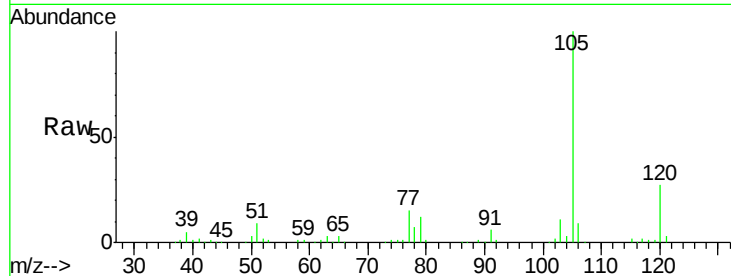
105 100

120 26.2 13.4 40.2

Manual Integrations
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#74

N-ethyl acetate

Concen: 18.654 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

Tgt Ion: 43 Resp: 59953

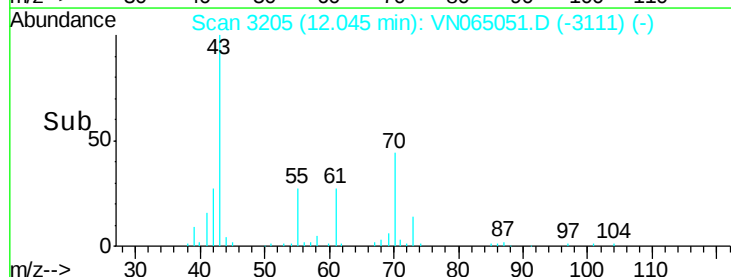
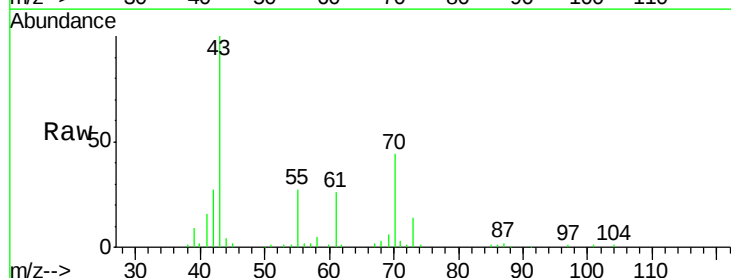
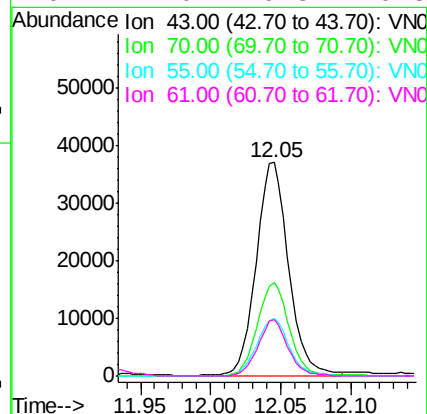
Ion Ratio Lower Upper

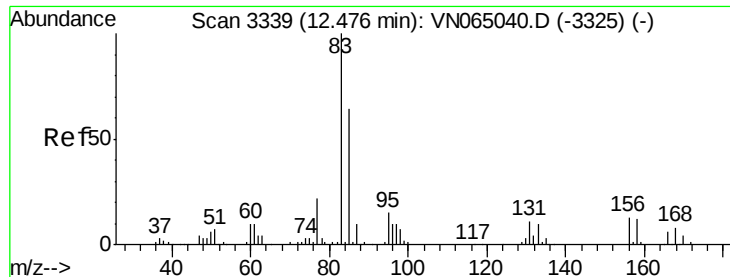
43 100

70 42.5 36.2 54.2

55 26.6 21.4 32.0

61 24.0 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.007 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

Instrument :

MSVOA_N

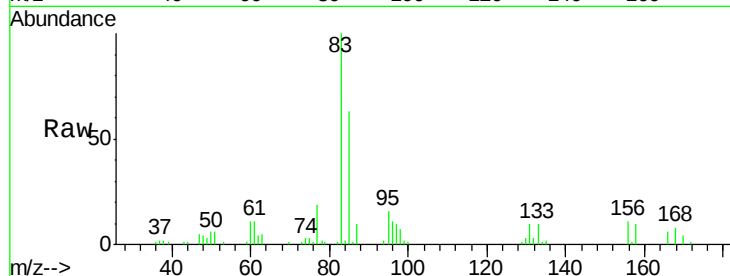
ClientSampleId :

VN1210WBSD01

Tot Ion:	83	Resp:	51510
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.5	16.4
85	67.9	32.3	96.9

Manual Integrations
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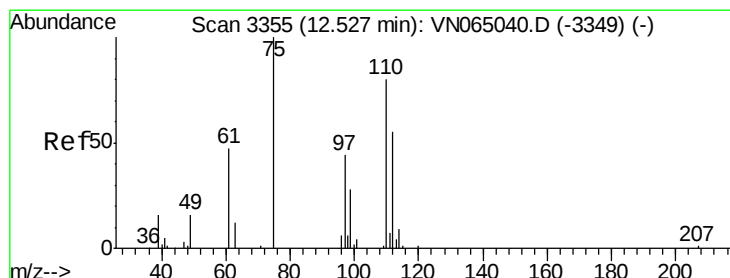
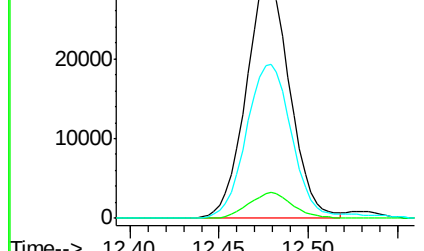
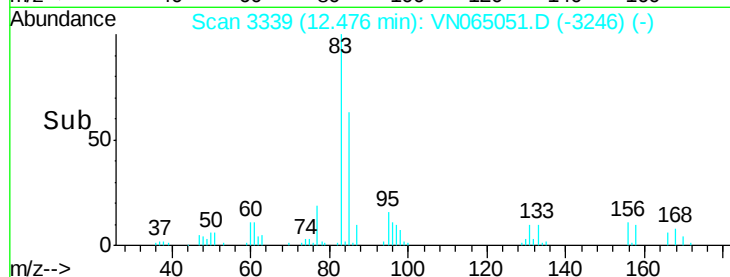


Abundance Ion 82.90 (82.60 to 83.60): VN065051.D (-3246) (-)

Ion 130.80 (130.50 to 131.50): VN065051.D (-3246) (-)

Ion 84.90 (84.60 to 85.60): VN065051.D (-3246) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 19.535 ug/l m

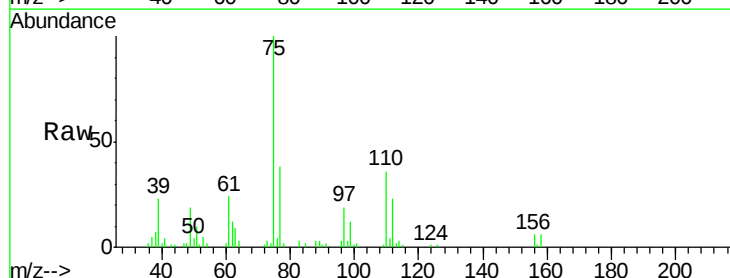
RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

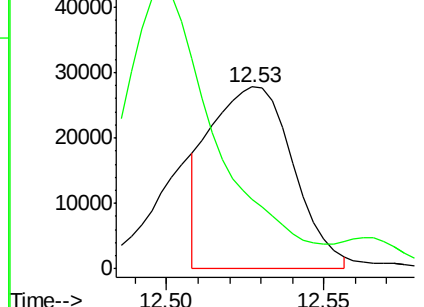
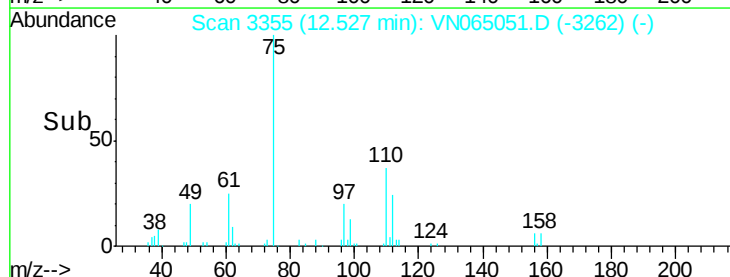
Tgt Ion:	75	Resp:	51060
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0

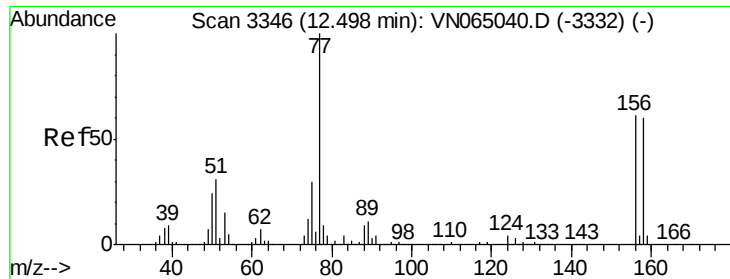


Abundance Ion 74.90 (74.60 to 75.60): VN065051.D (-3262) (-)

Ion 77.00 (76.70 to 77.70): VN065051.D (-3262) (-)

Time-->





#77

Bromobenzene

Concen: 18.849 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

Instrument :

MSVOA_N

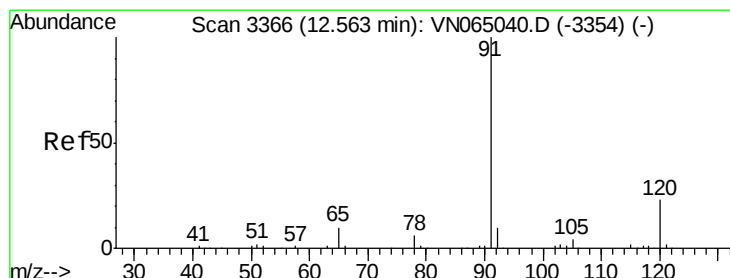
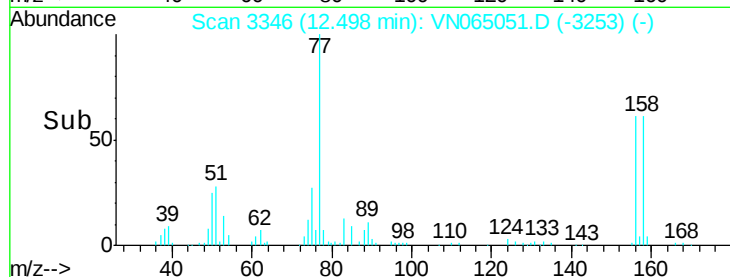
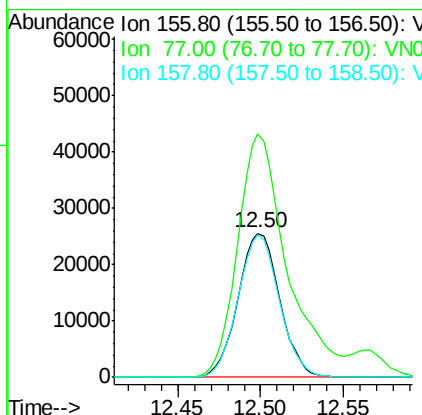
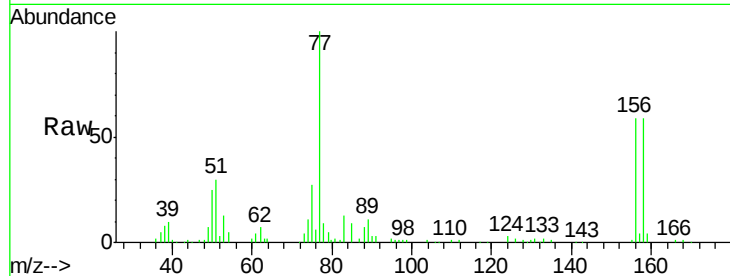
ClientSampleId :

VN1210WBSD01

Tot Ion:	156	Resp:	44724
Ion	Ratio	Lower	Upper
156	100		
77	200.6	99.3	297.8
158	98.0	49.0	147.0

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#78

n-propylbenzene

Concen: 18.121 ug/l

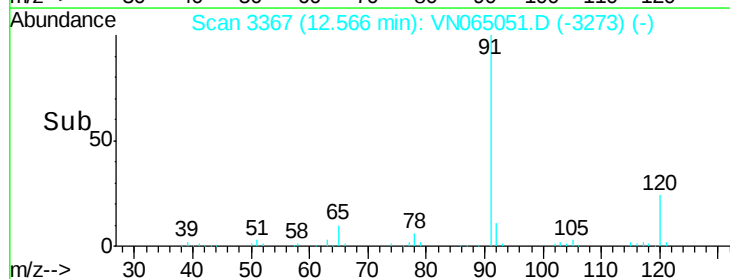
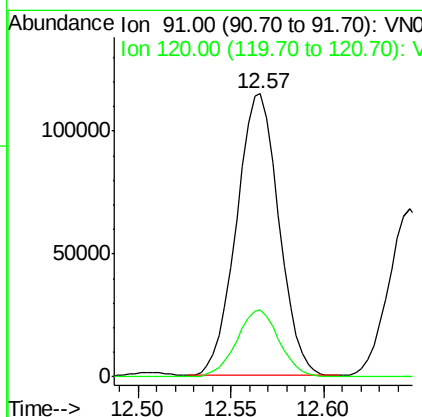
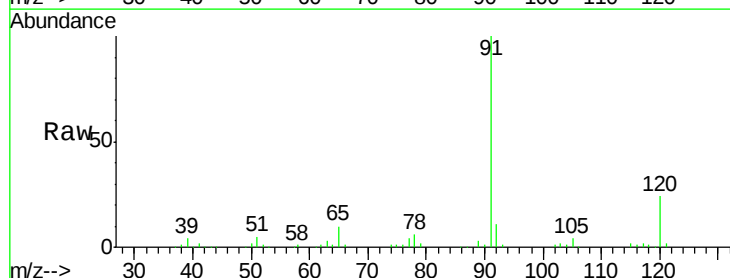
RT: 12.57 min Scan# 3367

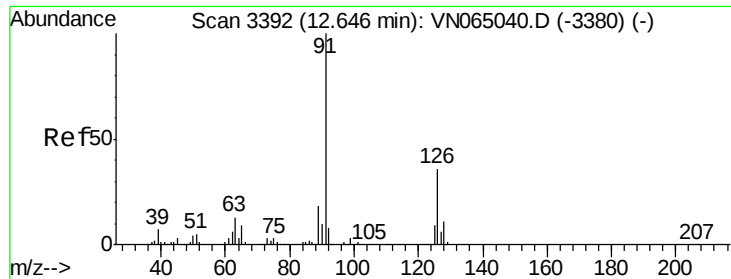
Delta R.T. 0.00 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

Tgt Ion:	91	Resp:	182380
Ion	Ratio	Lower	Upper
91	100		
120	23.9	11.9	35.9





#79

2-Chlorotoluene

Concen: 18.413 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBSD01

Tot Ion: 91 Resp: 113350

Ion Ratio Lower Upper

91 100

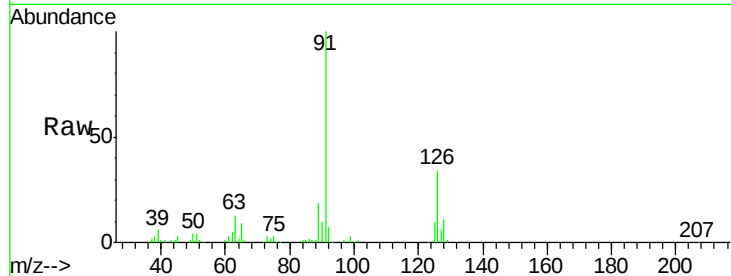
126 35.6 17.6 52.9

Manual Integrations

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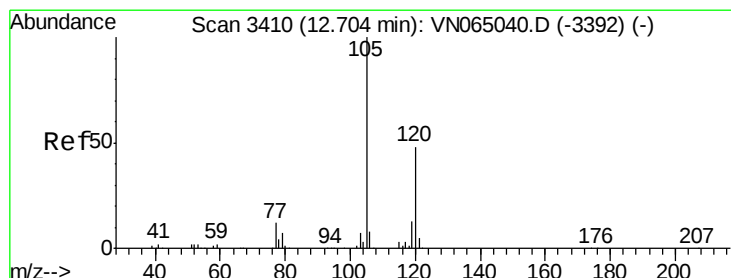
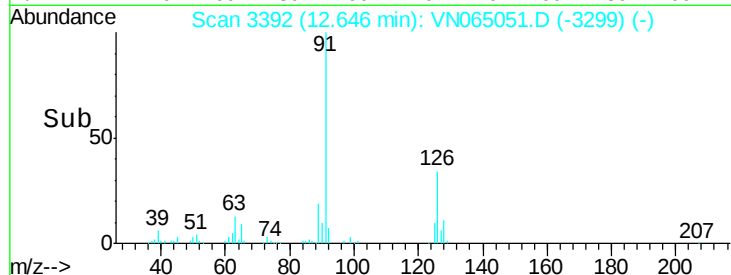
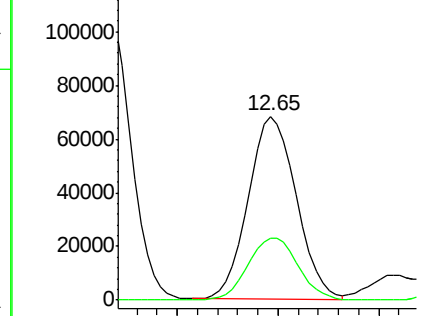
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Abundance Ion 91.00 (90.70 to 91.70): VN065040.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN065040.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.578 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN065051.D

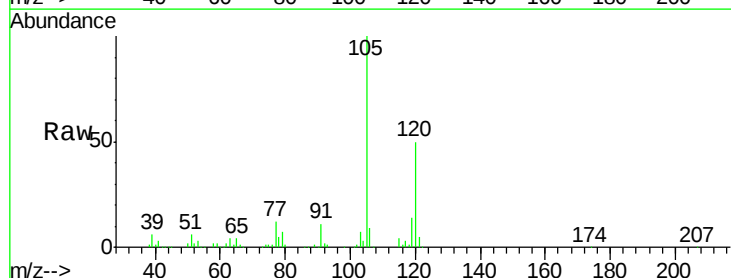
Acq: 10 Dec 2020 18:55

Tgt Ion: 105 Resp: 139495

Ion Ratio Lower Upper

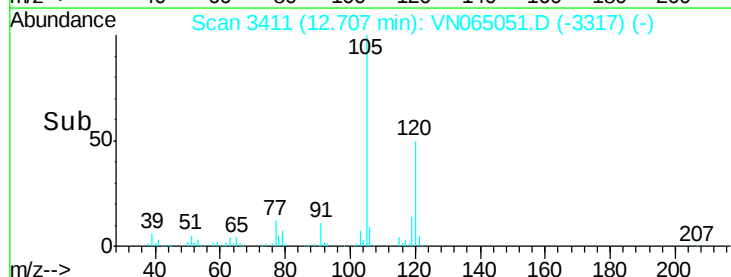
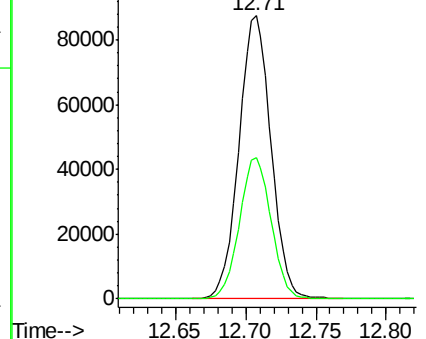
105 100

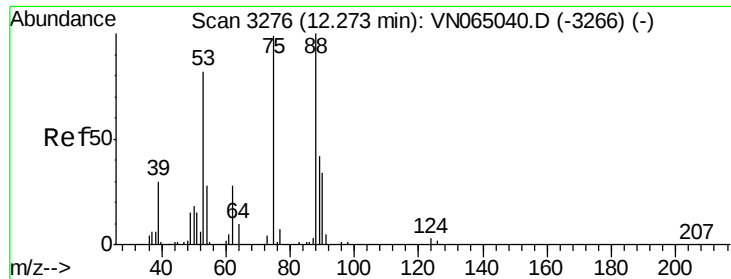
120 49.4 24.5 73.5



Abundance Ion 105.00 (104.70 to 105.70): VN065040.D (-3392) (-)

Ion 120.00 (119.70 to 120.70): VN065040.D (-3392) (-)





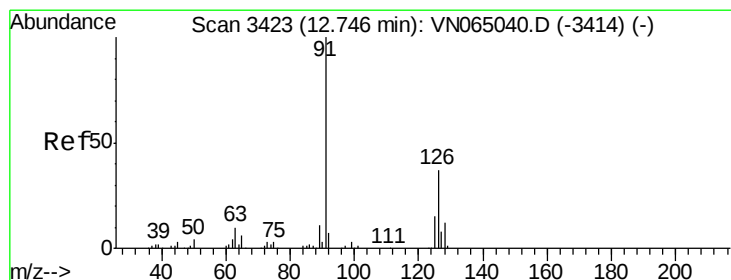
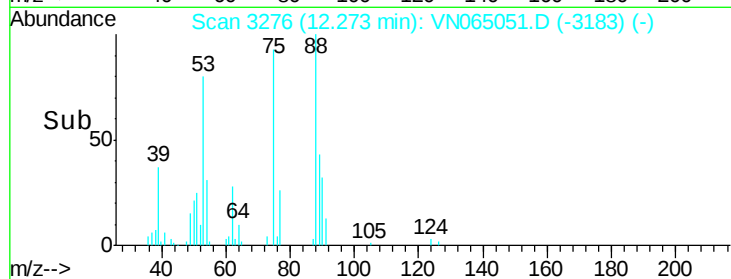
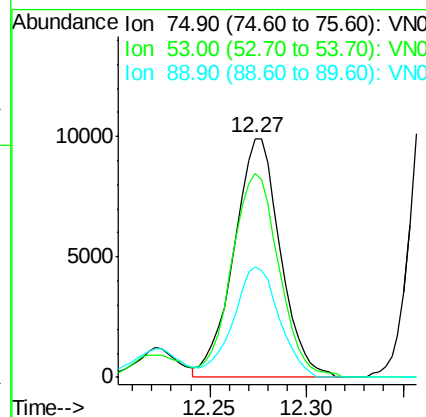
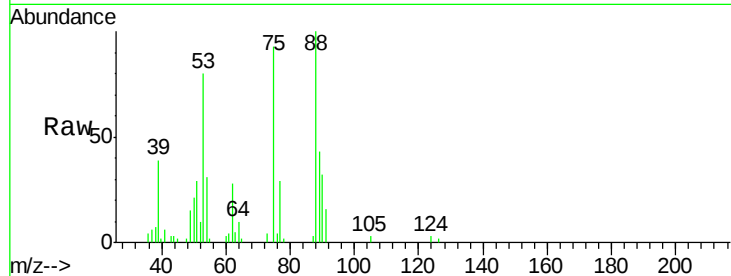
#81
trans-1,4-Dichloro-2-butene
Concen: 18.042 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	86.8	68.6	103.0
89	45.6	36.2	54.4

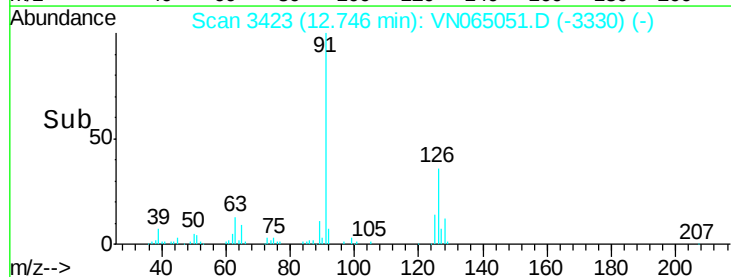
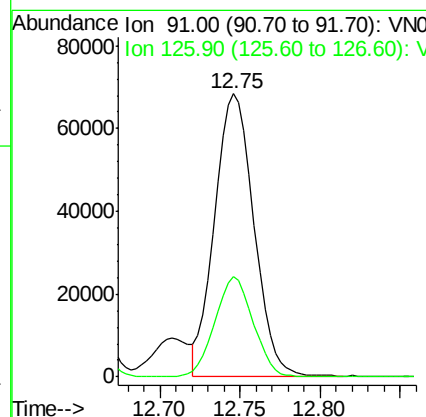
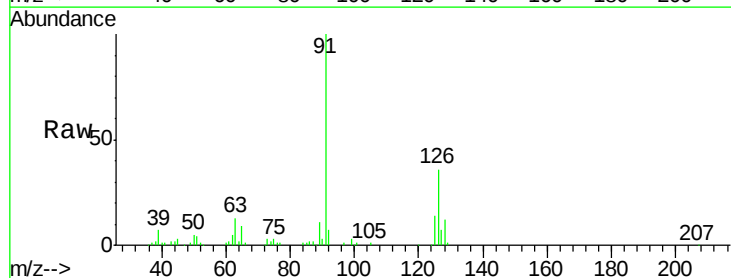
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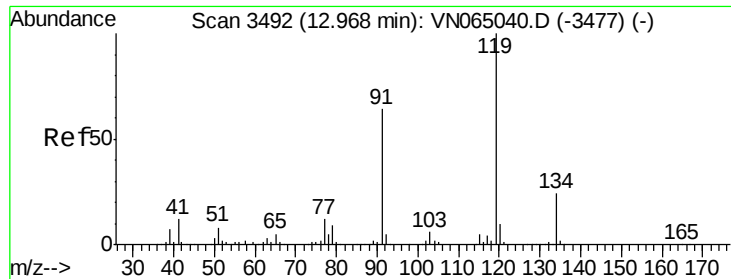
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#82
4-Chlorotoluene
Concen: 17.733 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.6	17.3	52.0





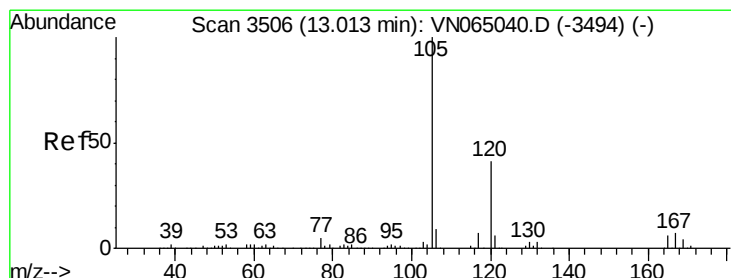
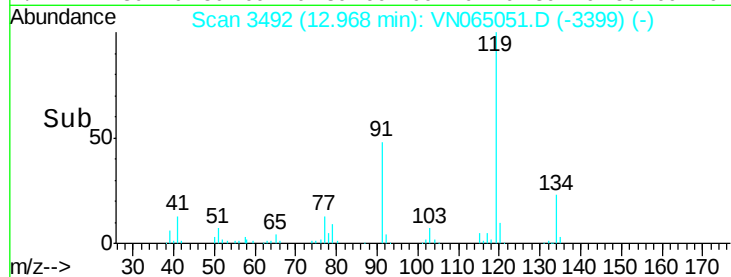
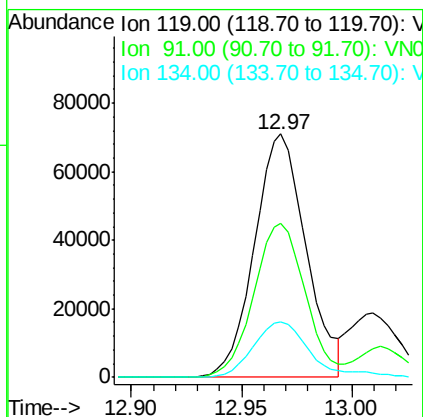
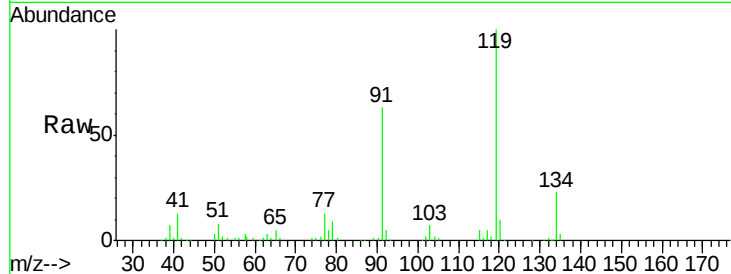
#83
 tert-Butylbenzene
 Concen: 18.605 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN065051.D
 Acq: 10 Dec 2020 18:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	115299		
91	63.5	31.1	93.5	
134	25.1	12.6	37.6	

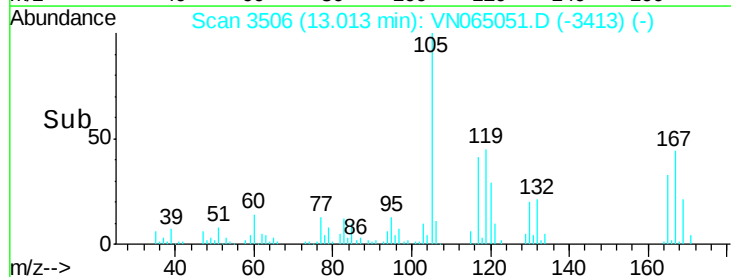
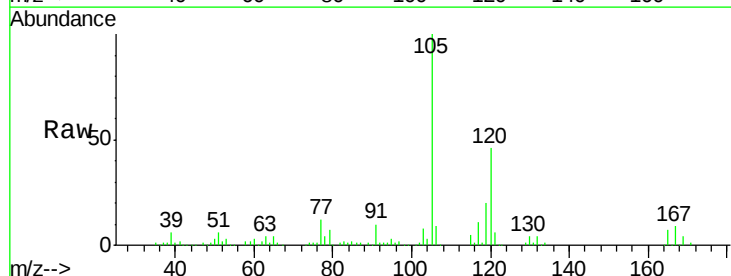
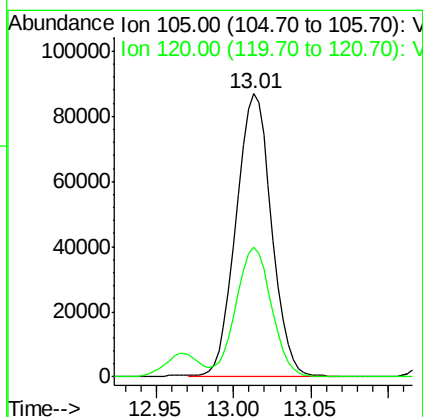
Manual Integrations
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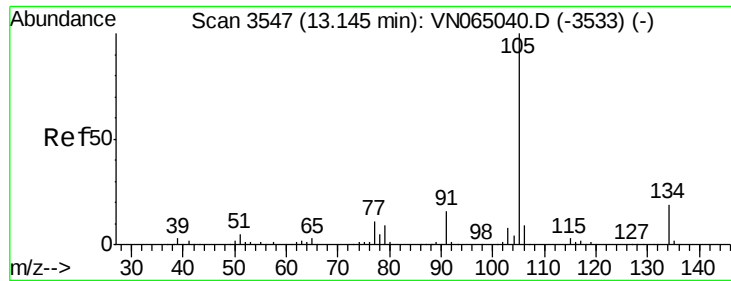
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.146 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN065051.D
 Acq: 10 Dec 2020 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	137559		
120	46.4	23.1	69.2	





#85

sec-Butylbenzene

Concen: 18.313 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBSD01

Tot Ion:105 Resp: 147894

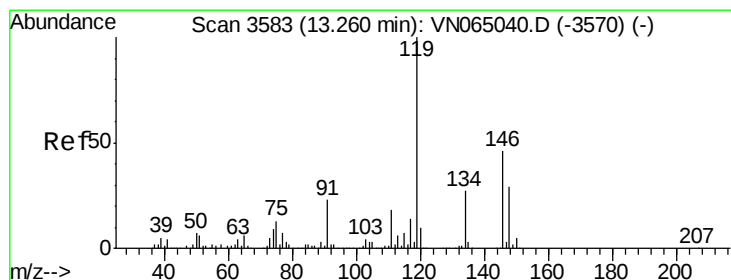
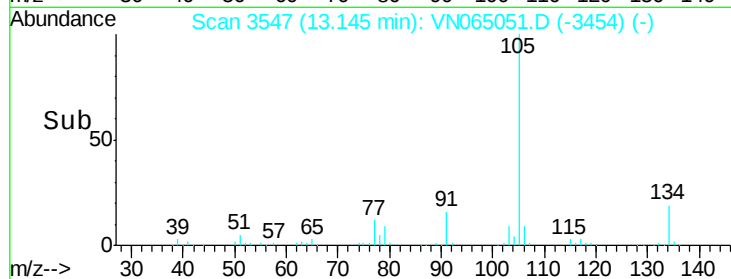
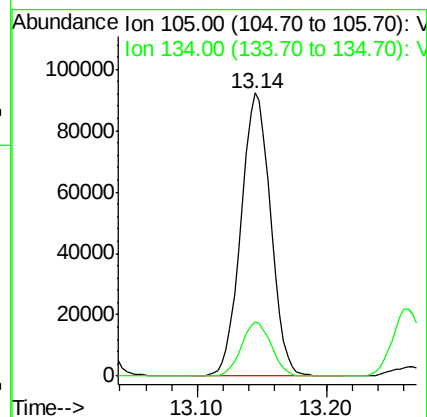
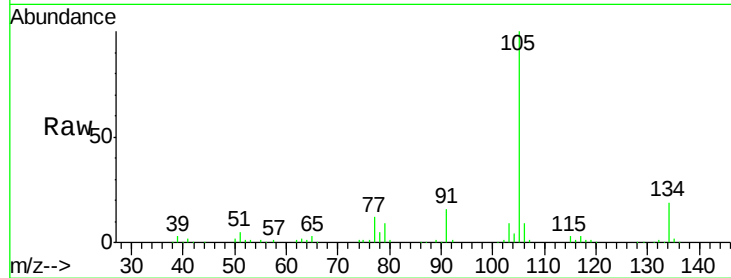
Ion Ratio Lower Upper

105 100

134 19.2 9.8 29.5

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 18.253 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

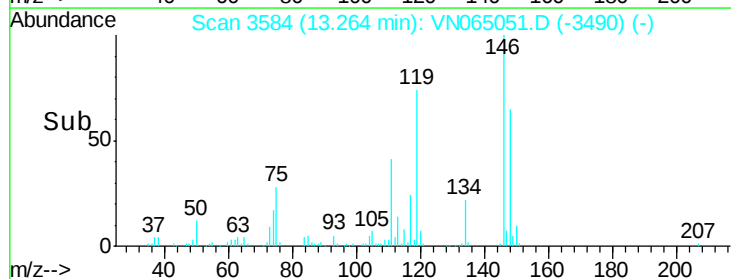
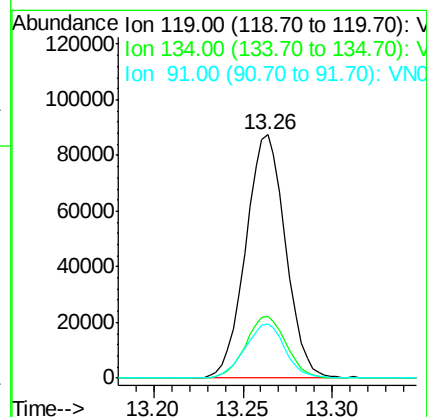
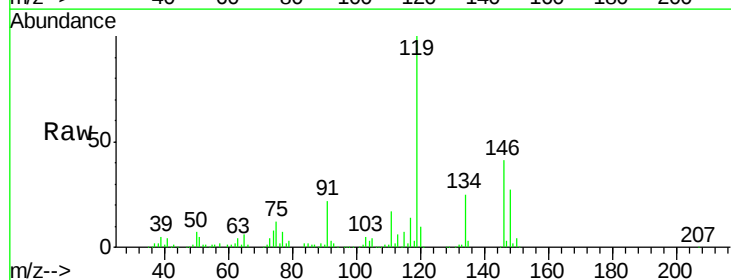
Tgt Ion:119 Resp: 135833

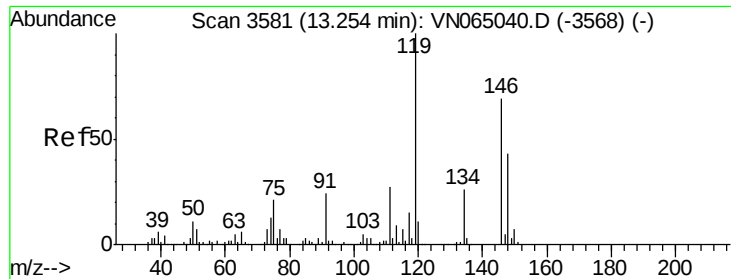
Ion Ratio Lower Upper

119 100

134 25.7 13.0 38.9

91 22.6 11.5 34.4





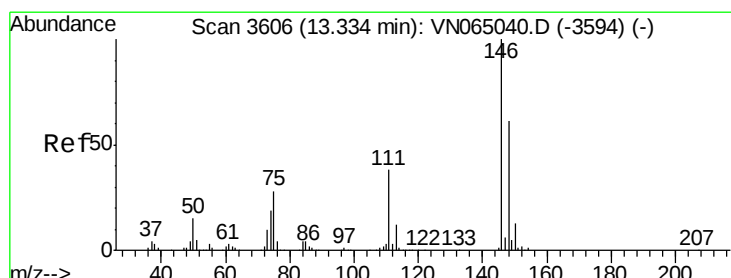
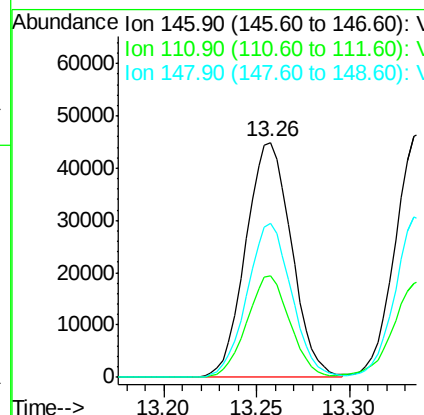
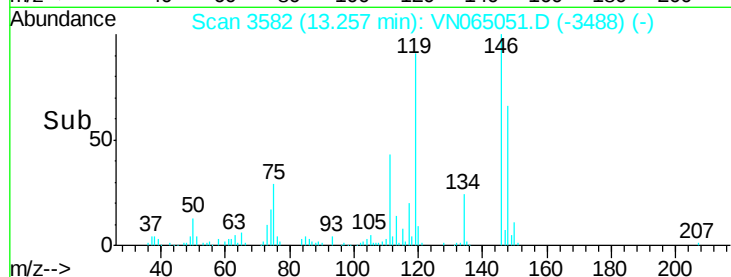
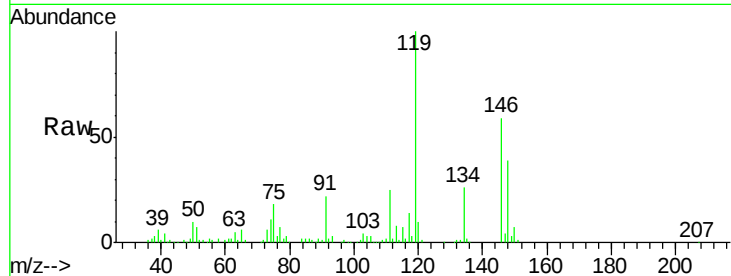
#87
 1,3-Dichlorobenzene
 Concen: 18.244 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN065051.D
 Acq: 10 Dec 2020 18:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.0	59.9
148	63.7	31.6	94.7

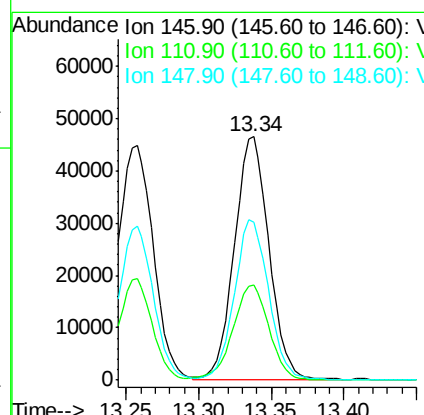
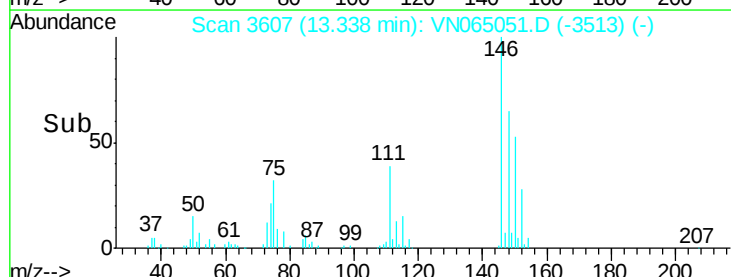
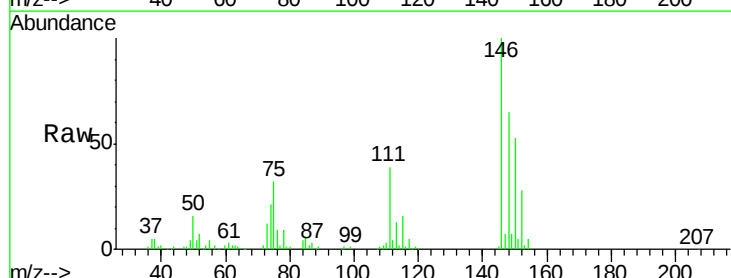
Manual Integrations
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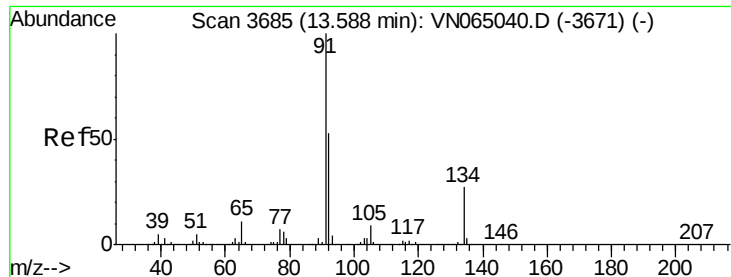
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#88
 1,4-Dichlorobenzene
 Concen: 18.137 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN065051.D
 Acq: 10 Dec 2020 18:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.9	19.2	57.6
148	65.1	31.1	93.3





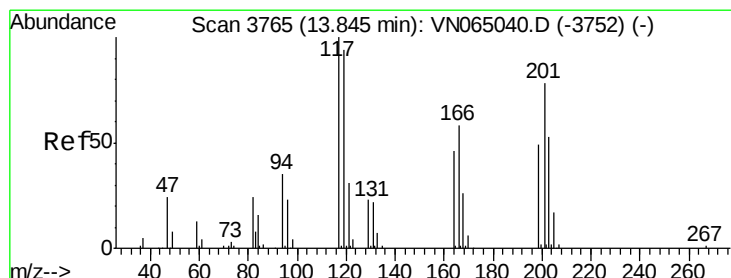
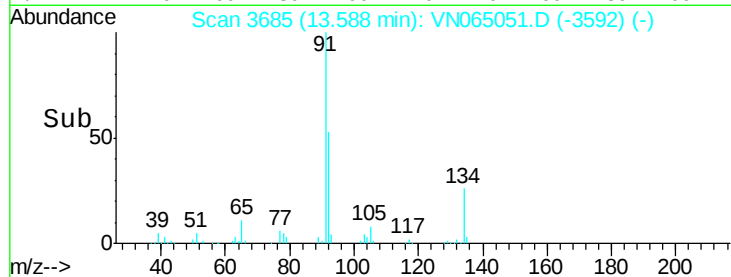
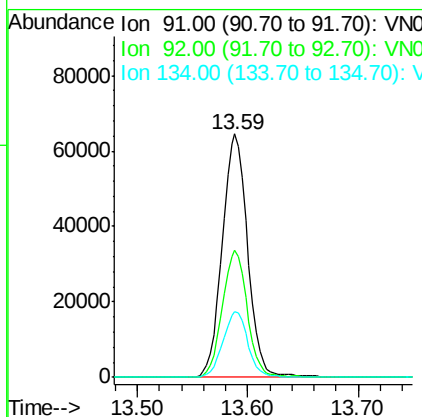
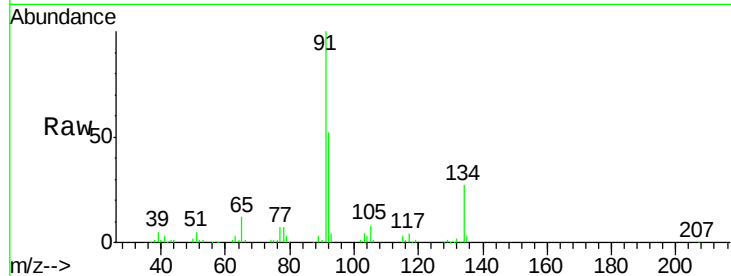
#89
n-Butylbenzene
Concen: 16.889 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.1	25.9	77.8
134	26.3	13.2	39.6

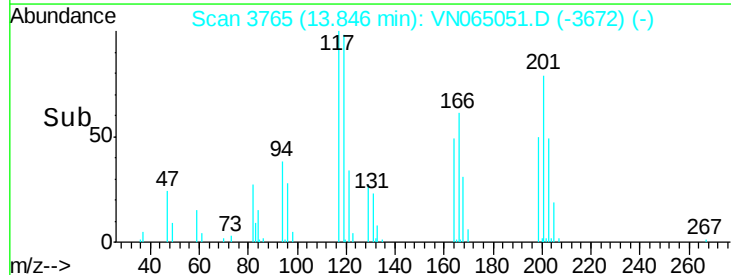
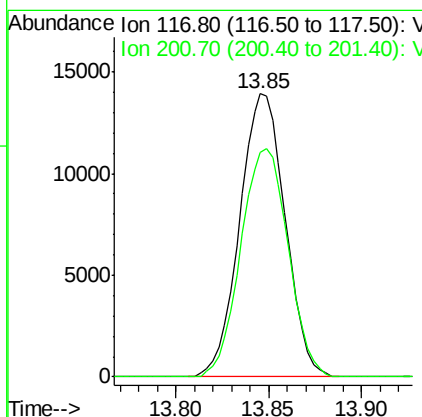
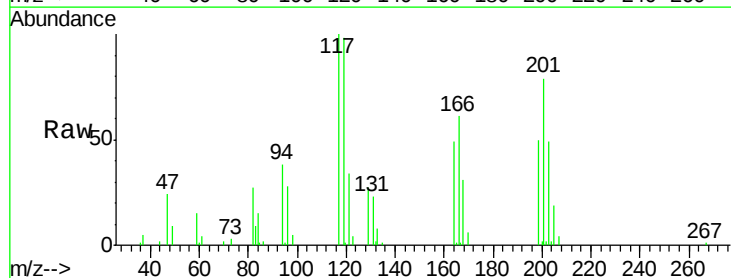
Manual Integrations
APPROVED

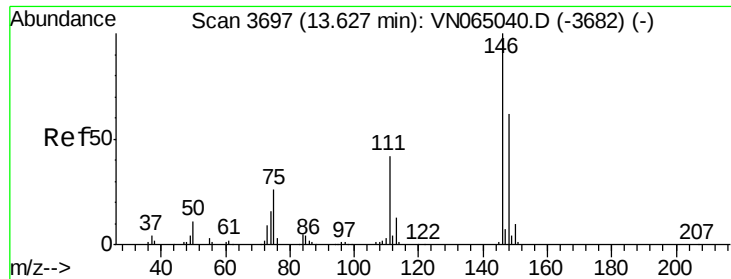
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#90
Hexachloroethane
Concen: 17.591 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.6	39.5	118.3





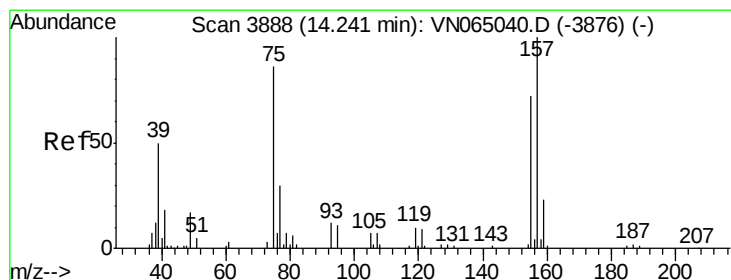
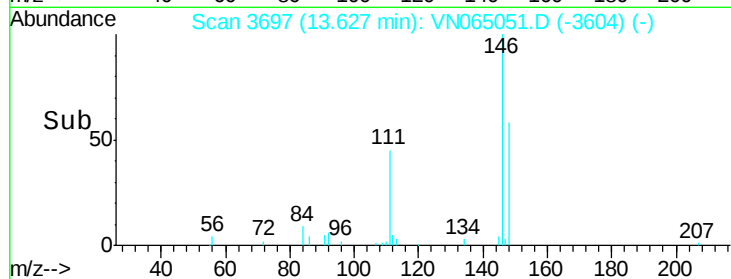
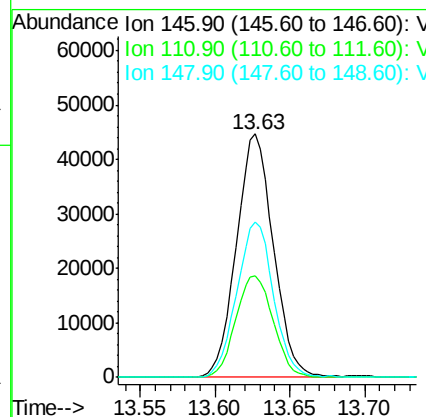
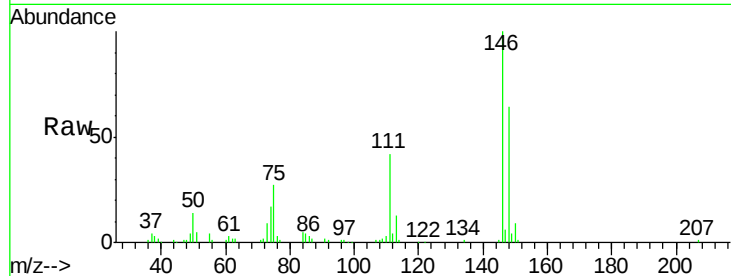
#91
 1,2-Dichlorobenzene
 Concen: 18.285 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN065051.D
 Acq: 10 Dec 2020 18:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.1	63.1
148	63.3	31.7	95.1

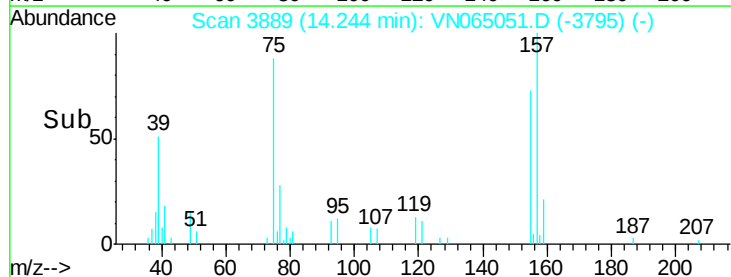
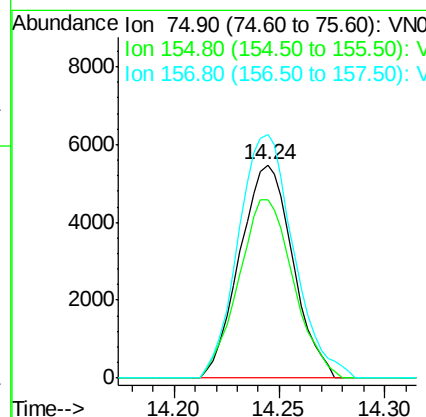
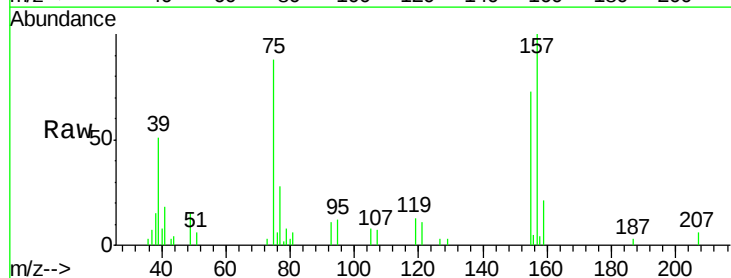
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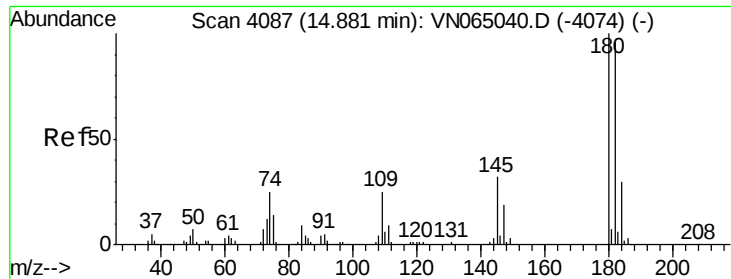
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.046 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN065051.D
 Acq: 10 Dec 2020 18:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.4	43.8	131.4
157	118.8	58.1	174.3





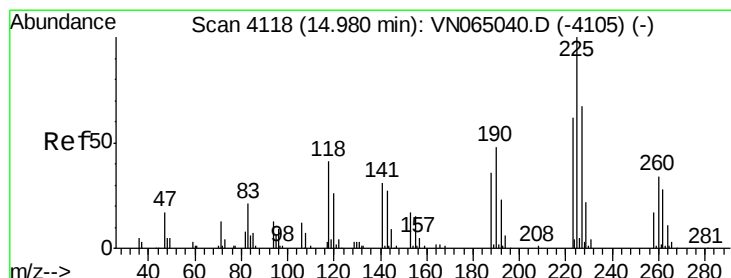
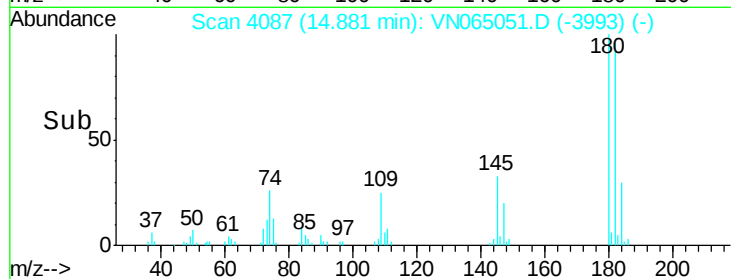
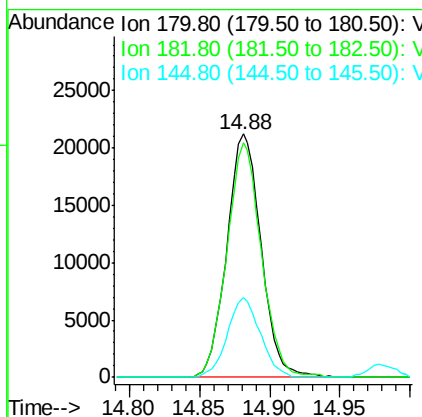
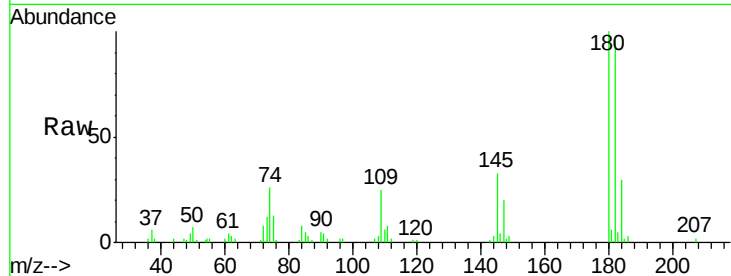
#93
 1,2,4-Trichlorobenzene
 Concen: 19.638 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN065051.D
 Acq: 10 Dec 2020 18:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.0	141.2
145	31.4	15.4	46.4

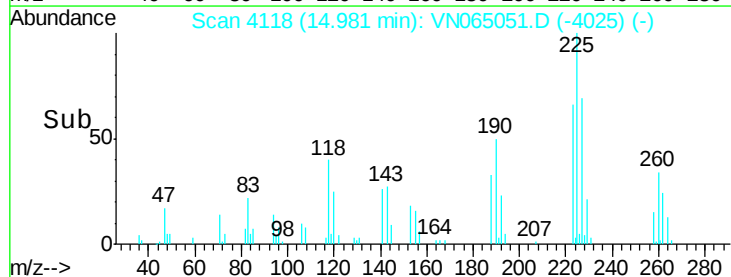
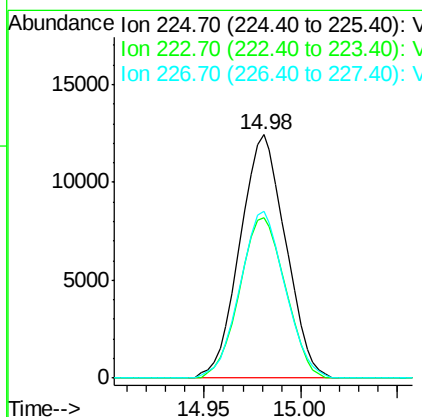
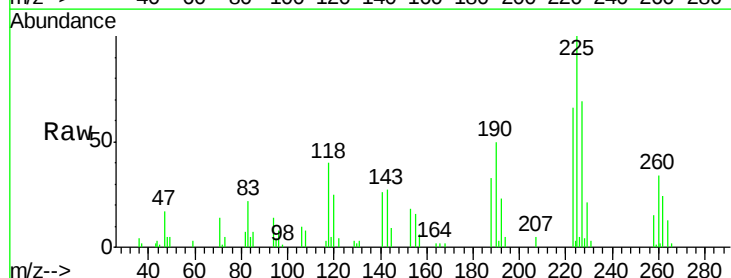
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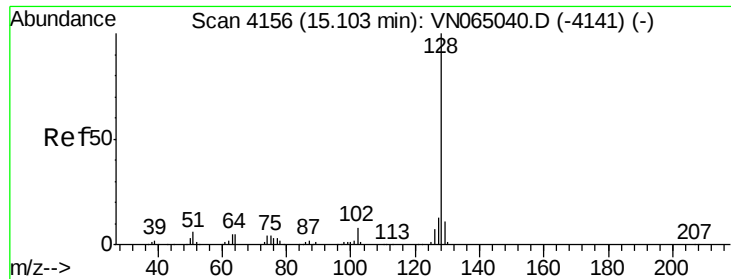
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#94
 Hexachlorobutadiene
 Concen: 17.623 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN065051.D
 Acq: 10 Dec 2020 18:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.9	31.4	94.0
227	67.8	32.3	96.8





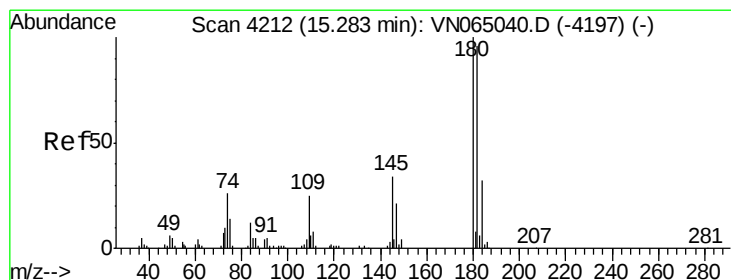
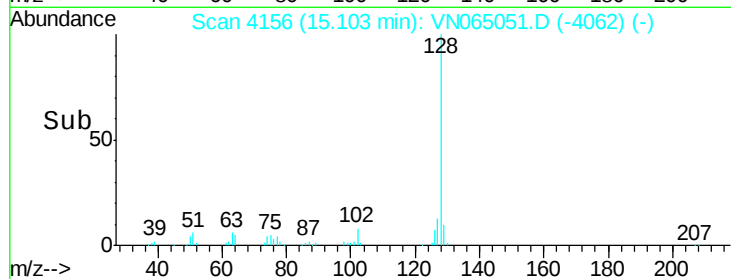
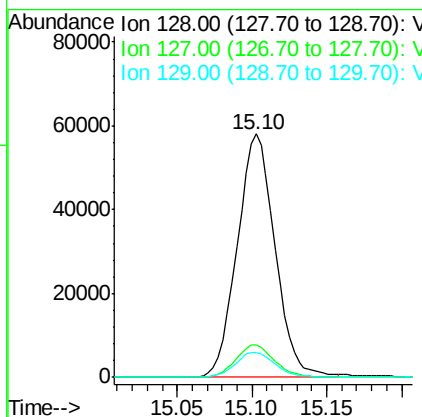
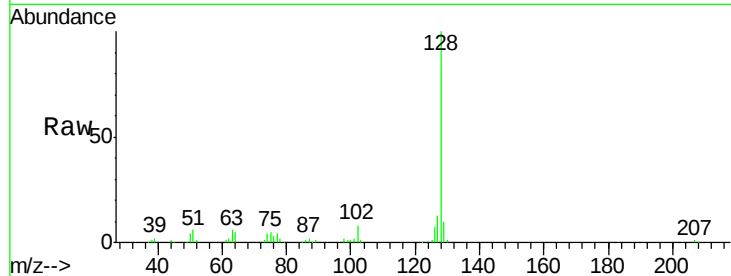
#95
Naphthalene
Concen: 19.561 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	101926		
127	13.5		10.2	15.2
129	10.8		8.5	12.7

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.181 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	33173		
182	100.6		48.3	144.9
145	31.6		16.2	48.6

