

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120820\
 Data File : VN064962.D
 Acq On : 8 Dec 2020 12:13
 Operator : JC/MD
 Sample : VN1208WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/10/2020 9:55:46 AM

Quant Time: Dec 08 16:27:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	196018	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	300959	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	276156	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	130130	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	109152	47.90	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.80%
35) Dibromofluoromethane	7.55	113	96484	53.58	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	107.16%
50) Toluene-d8	10.06	98	362646	49.29	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.58%
62) 4-Bromofluorobenzene	12.37	95	128053	48.63	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.26%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	25528	15.027	ug/l	99
3) Chloromethane	2.04	50	32578	14.757	ug/l	99
4) Vinyl Chloride	2.17	62	35821	15.563	ug/l	97
5) Bromomethane	2.54	94	24836	16.447	ug/l	98
6) Chloroethane	2.68	64	23610	16.585	ug/l	99
7) Trichlorofluoromethane	2.99	101	54095	17.003	ug/l	96
8) Diethyl Ether	3.37	74	22042	17.551	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.71	101	33898	17.761	ug/l	100
10) Methyl Iodide	3.91	142	36791	14.861	ug/l	97
11) Tert butyl alcohol	4.74	59	27458	77.261	ug/l	99
12) 1,1-Dichloroethene	3.70	96	30903	16.258	ug/l	97
13) Acrolein	3.57	56	18894	87.038	ug/l	96
14) Allyl chloride	4.28	41	51984	16.581	ug/l	99
15) Acrylonitrile	4.93	53	84919	86.495	ug/l	97
16) Acetone	3.78	43	72935	97.361	ug/l	99
17) Carbon Disulfide	4.01	76	73882	15.058	ug/l	99
18) Methyl Acetate	4.28	43	40180	17.840	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	109910	18.029	ug/l	99
20) Methylene Chloride	4.50	84	41226	17.562	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	35154	16.654	ug/l	96
22) Diisopropyl ether	5.90	45	116826	18.618	ug/l	99
23) Vinyl Acetate	5.84	43	442342	88.151	ug/l	98
24) 1,1-Dichloroethane	5.79	63	65527	17.473	ug/l	98
25) 2-Butanone	6.78	43	105735	87.071	ug/l	96
26) 2,2-Dichloropropane	6.78	77	55904	17.188	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	42044	17.701	ug/l	100
28) Bromochloromethane	7.15	49	30407	17.724	ug/l	95
29) Tetrahydrofuran	7.17	42	67880	80.977	ug/l	99
30) Chloroform	7.33	83	69417	17.950	ug/l	98
31) Cyclohexane	7.61	56	51321	16.158	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	57755	17.388	ug/l	99
36) 1,1-Dichloropropene	7.75	75	48808	17.496	ug/l	100
37) Ethyl Acetate	6.88	43	45235	16.834	ug/l	99
38) Carbon Tetrachloride	7.73	117	51424	17.717	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	45940	15.298	ug/l	97
40) Benzene	8.00	78	153313	17.935	ug/l	97
41) Methacrylonitrile	7.13	41	22689	18.299	ug/l	90
42) 1,2-Dichloroethane	8.08	62	53060	18.400	ug/l	100
43) Isopropyl Acetate	8.13	43	74036	17.122	ug/l	99
44) Trichloroethene	8.80	130	42416	16.817	ug/l	98
45) 1,2-Dichloropropane	9.08	63	40850	18.453	ug/l	97
46) Dibromomethane	9.17	93	26728	18.073	ug/l	97
47) Bromodichloromethane	9.37	83	53362	17.932	ug/l	98
48) Methyl methacrylate	9.16	41	35361	17.115	ug/l	99
49) 1,4-Dioxane	9.16	88	12178	311.856	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	219215	84.448	ug/l	100
52) Toluene	10.12	92	95466	18.134	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	58284	17.585	ug/l	100
54) cis-1,3-Dichloropropene	9.80	75	64347	18.113	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	40182	18.562	ug/l	97
56) Ethyl methacrylate	10.40	69	52578	17.601	ug/l	97
57) 1,3-Dichloropropane	10.68	76	65743	18.411	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	142006	86.419	ug/l	100
59) 2-Hexanone	10.72	43	159294	85.266	ug/l	100
60) Dibromochloromethane	10.87	129	44163	18.353	ug/l	99
61) 1,2-Dibromoethane	10.97	107	39314	17.875	ug/l	97
64) Tetrachloroethene	10.60	164	43861	16.325	ug/l	99
65) Chlorobenzene	11.40	112	107034	18.048	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	39946	18.329	ug/l	98
67) Ethyl Benzene	11.48	91	174377	17.601	ug/l	99
68) m/p-Xylenes	11.59	106	136793	36.469	ug/l	99
69) o-Xylene	11.92	106	64739	18.188	ug/l	99
70) Styrene	11.94	104	110979	18.469	ug/l	98
71) Bromoform	12.10	173	29952	17.207	ug/l #	99
73) Isopropylbenzene	12.22	105	172001	19.003	ug/l	99
74) N-amyl acetate	12.04	43	59760	16.777	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	51530	19.423	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	49751m	17.753	ug/l	
77) Bromobenzene	12.50	156	45377	18.595	ug/l	98
78) n-propylbenzene	12.56	91	190491	18.474	ug/l	99
79) 2-Chlorotoluene	12.65	91	116941	18.347	ug/l	98
80) 1,3,5-Trimethylbenzene	12.70	105	143704	19.101	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	16785	16.415	ug/l	98
82) 4-Chlorotoluene	12.75	91	122929	18.400	ug/l	98
83) tert-Butylbenzene	12.97	119	117750	18.672	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	146500	19.259	ug/l	98
85) sec-Butylbenzene	13.14	105	148991	17.794	ug/l	98
86) p-Isopropyltoluene	13.26	119	138668	18.191	ug/l	100
87) 1,3-Dichlorobenzene	13.25	146	79718	18.387	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	81094	17.687	ug/l	99
89) n-Butylbenzene	13.59	91	112989	16.878	ug/l	99
90) Hexachloroethane	13.85	117	23929	18.070	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	77846	18.287	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	9026	15.120	ug/l	95

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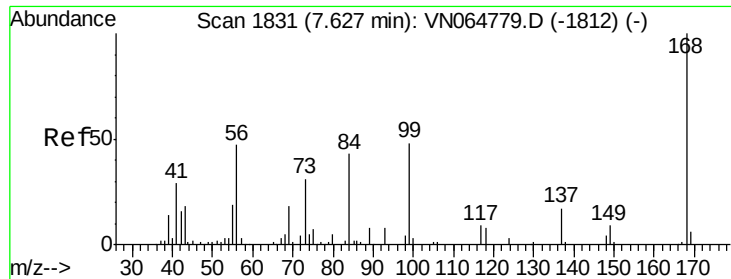
Manual Integrations
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MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	40200	15.265	ug/l	96
94) Hexachlorobutadiene	14.98	225	21455	18.330	ug/l	99
95) Naphthalene	15.10	128	115310	14.616	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	38906	16.506	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064962.D

Acq: 8 Dec 2020 12:13

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBSD01

Tot Ion:168 Resp: 196018

Ion Ratio Lower Upper

168 100

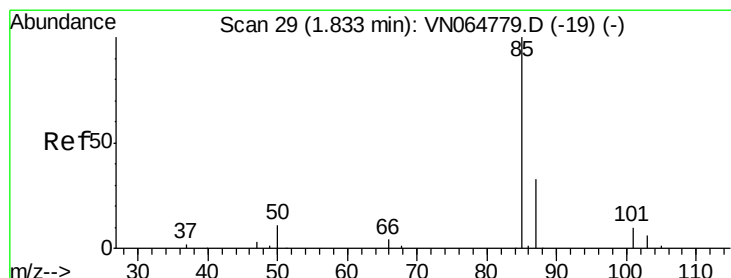
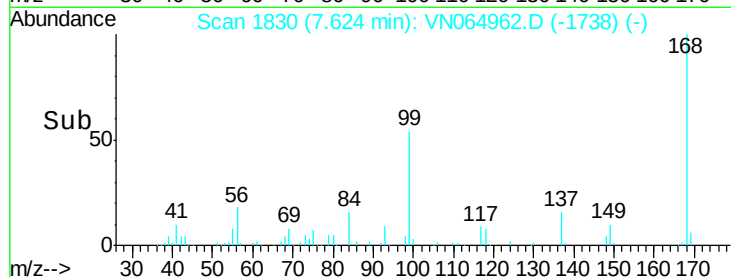
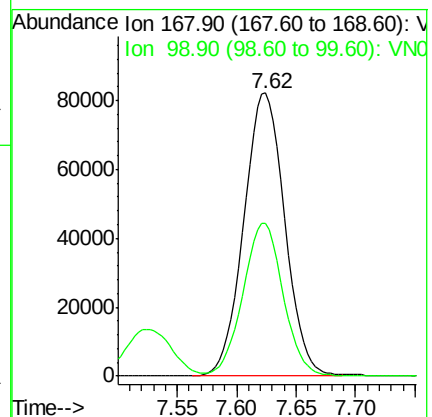
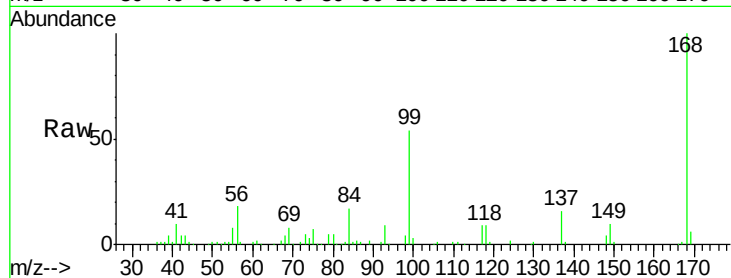
99 53.5 43.0 64.4

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 15.027 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064962.D

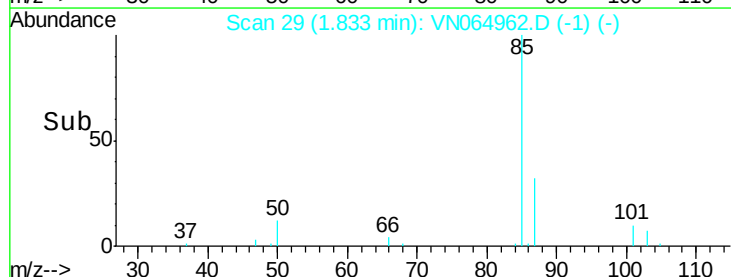
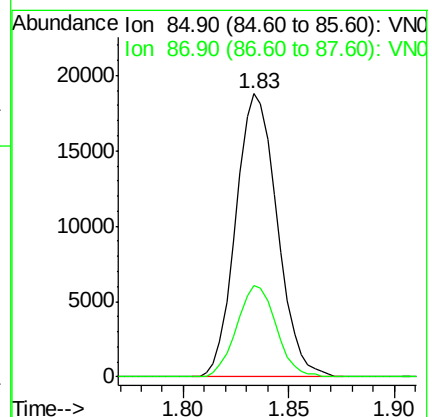
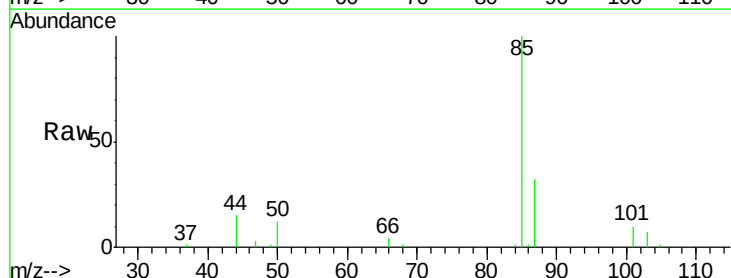
Acq: 8 Dec 2020 12:13

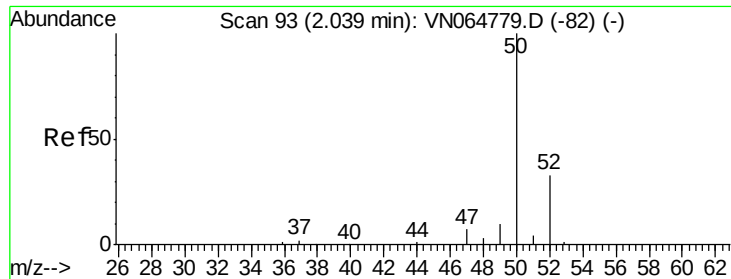
Tgt Ion: 85 Resp: 25528

Ion Ratio Lower Upper

85 100

87 32.4 16.4 49.4





#3

Chloromethane

Concen: 14.757 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064962.D

Acq: 8 Dec 2020 12:13

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBSD01

Tot Ion: 50 Resp: 32578

Ion Ratio Lower Upper

50 100

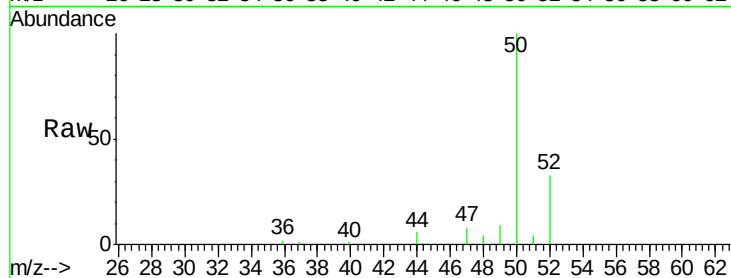
52 32.8 26.6 39.8

Manual Integrations

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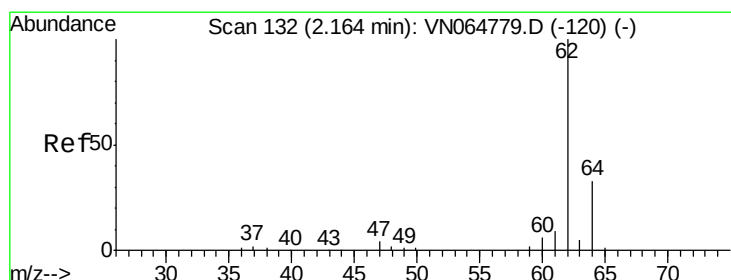
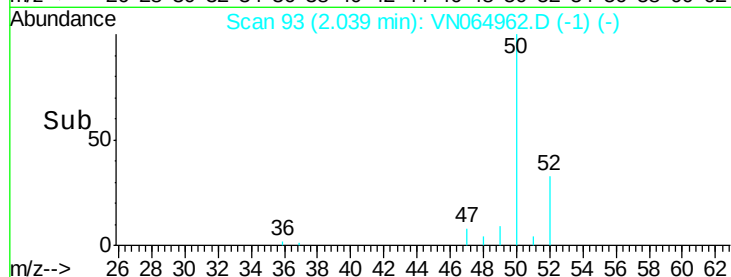
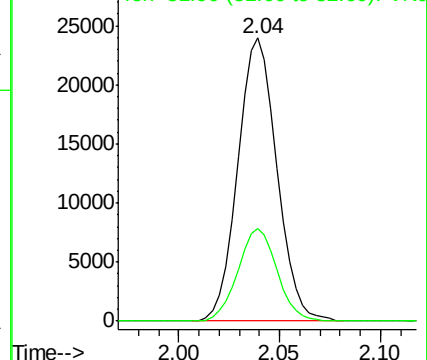
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 15.563 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN064962.D

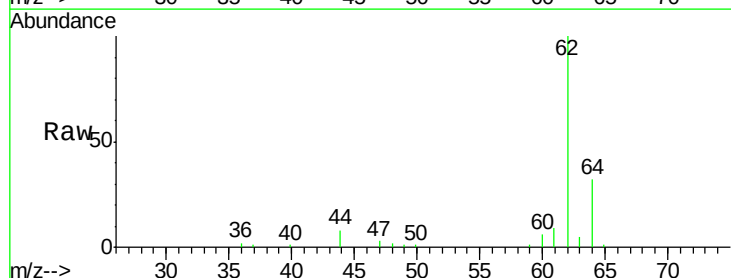
Acq: 8 Dec 2020 12:13

Tgt Ion: 62 Resp: 35821

Ion Ratio Lower Upper

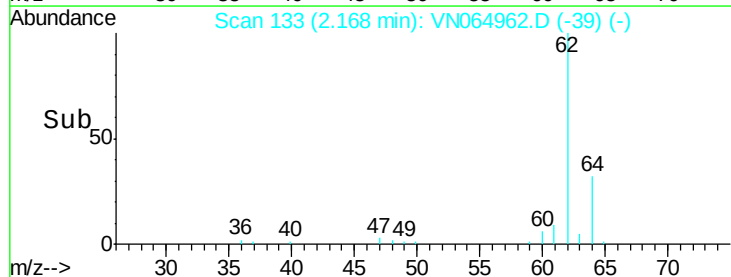
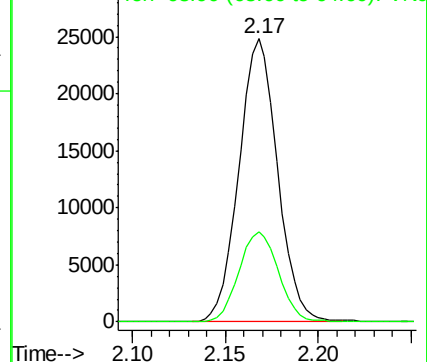
62 100

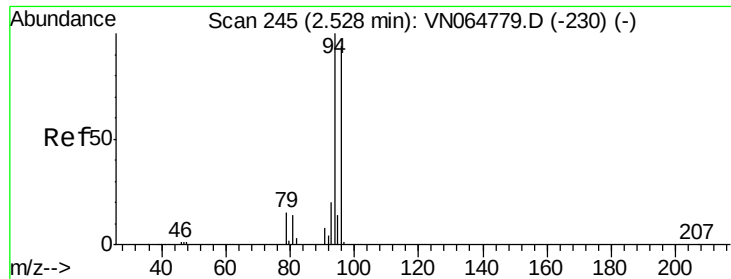
64 31.7 26.5 39.7



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 16.447 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN064962.D

Acq: 8 Dec 2020 12:13

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ClientSampleId :

VN1208WBSD01

Tot Ion: 94 Resp: 24836

Ion Ratio Lower Upper

94 100

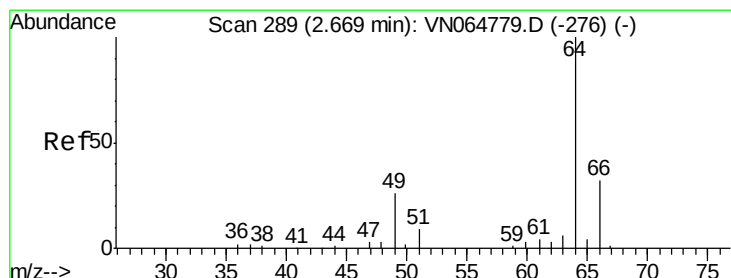
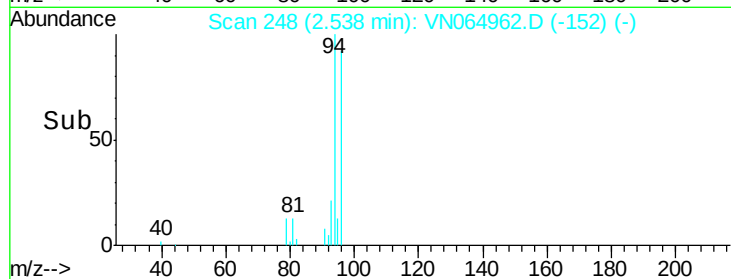
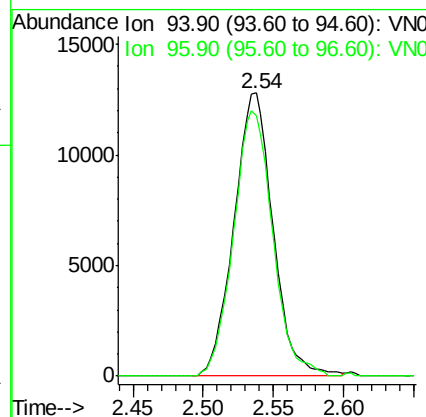
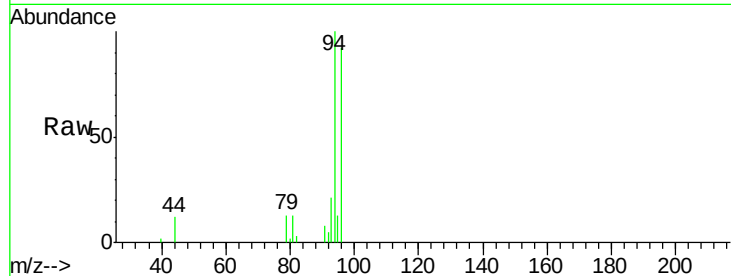
96 91.8 75.4 113.0

Manual Integrations

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12/10/2020 9:55:46 AM



#6

Chloroethane

Concen: 16.585 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN064962.D

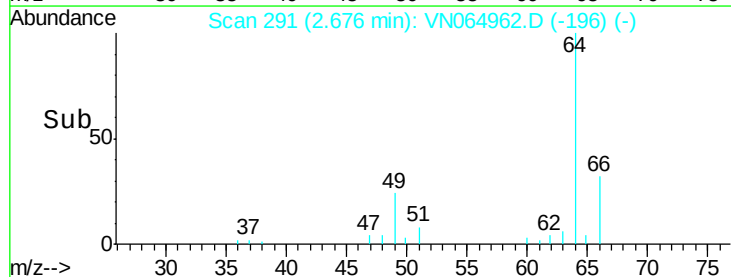
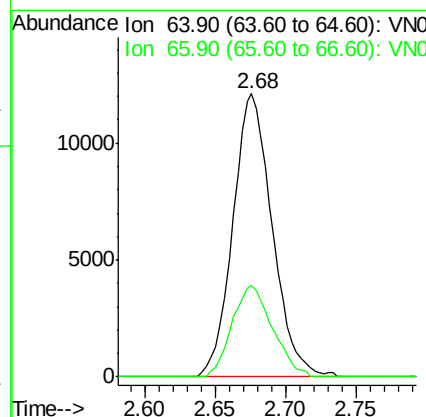
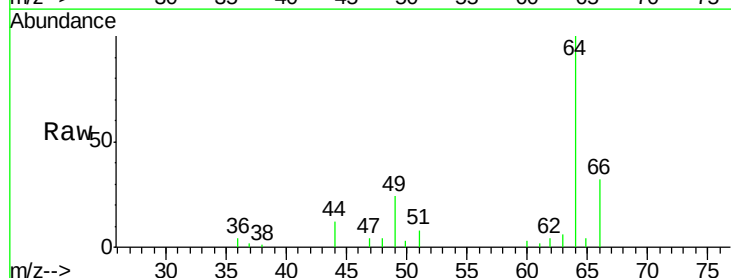
Acq: 8 Dec 2020 12:13

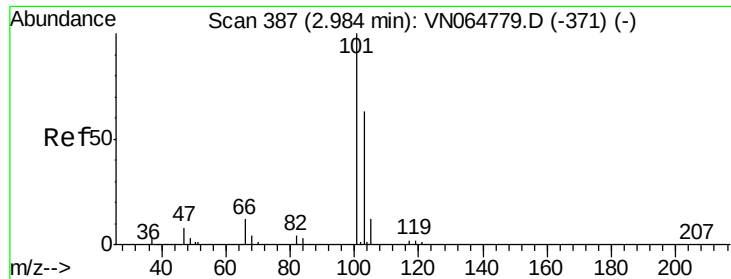
Tgt Ion: 64 Resp: 23610

Ion Ratio Lower Upper

64 100

66 32.3 25.6 38.4





#7

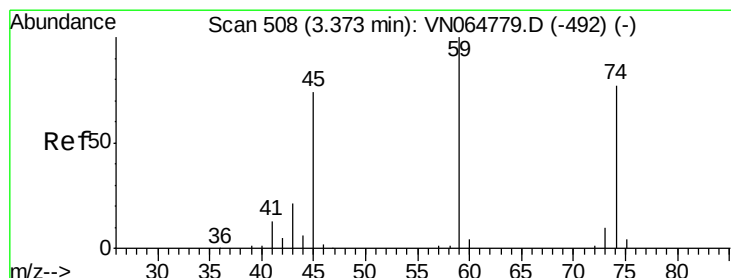
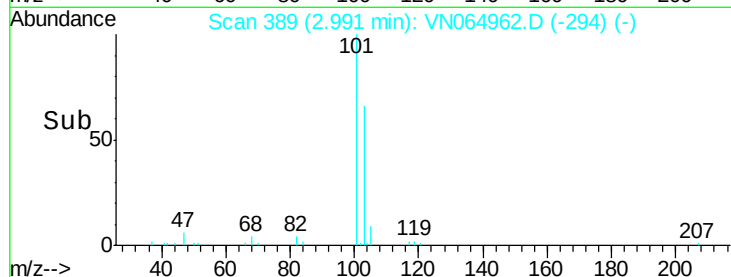
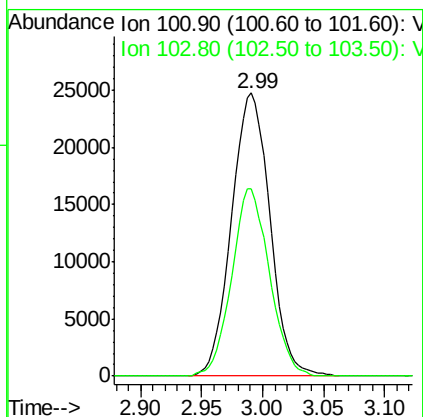
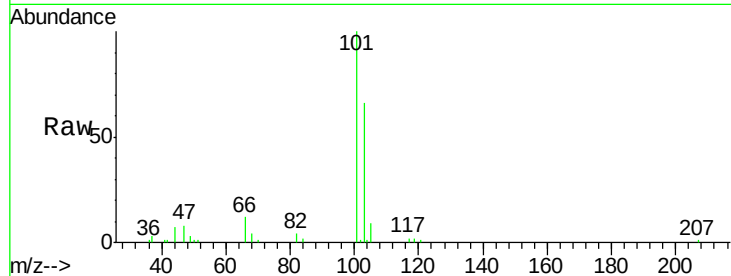
Trichlorofluoromethane
Concen: 17.003 ug/l
RT: 2.99 min Scan# 389
Delta R.T. 0.01 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD01

Tot Ion:101 Resp: 54095
Ion Ratio Lower Upper
101 100
103 66.2 50.5 75.7

Manual Integrations
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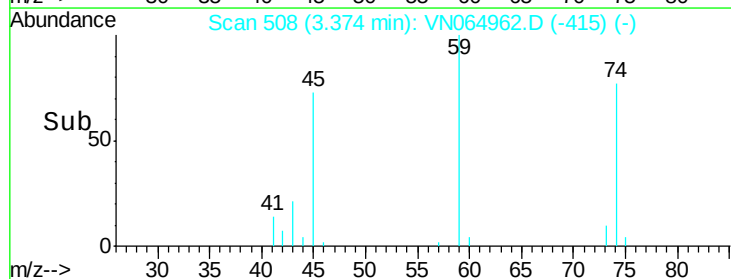
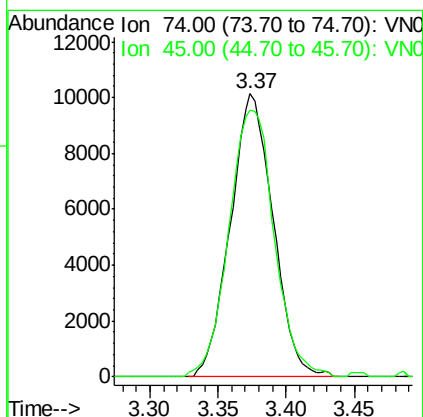
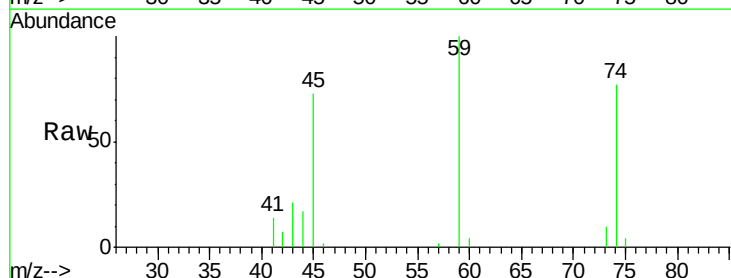
MMDadoda
12/10/2020 9:55:46 AM

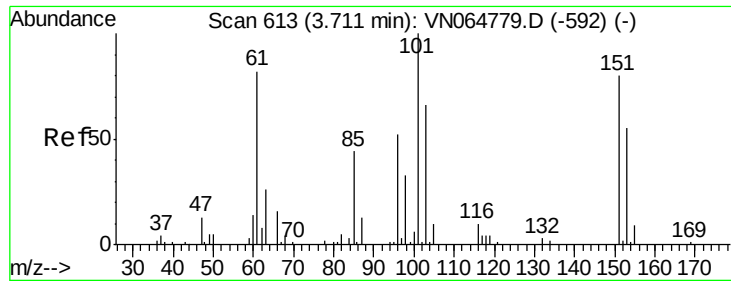


#8

Diethyl Ether
Concen: 17.551 ug/l
RT: 3.37 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

Tgt Ion: 74 Resp: 22042
Ion Ratio Lower Upper
74 100
45 100.5 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.761 ug/l

RT: 3.71 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN064962.D

Acq: 8 Dec 2020 12:13

Instrument :

MSVOA_N

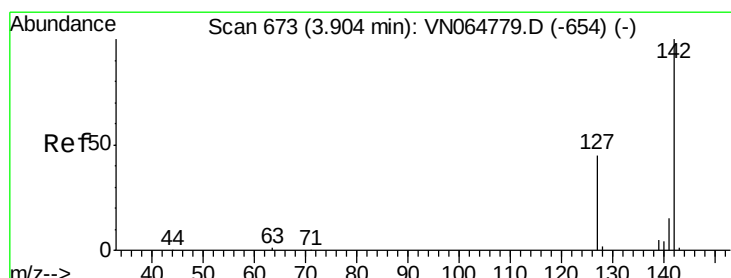
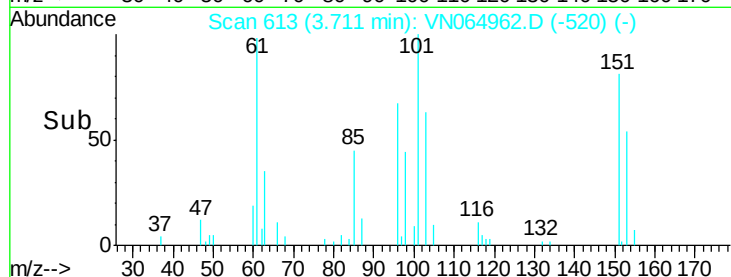
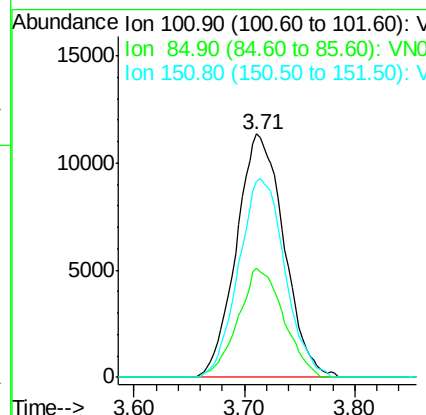
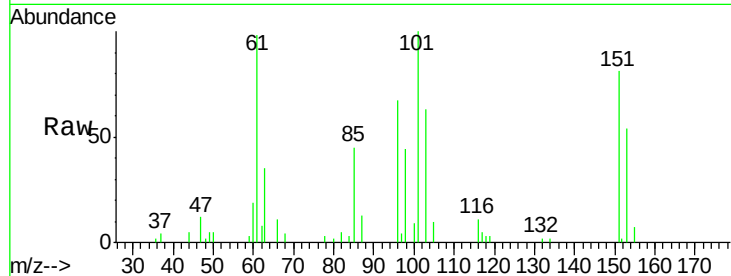
ClientSampleId :

VN1208WBSD01

Tot Ion:	101	Resp:	33898
Ion Ratio	Lower	Upper	
101	100		
85	43.0	34.4	51.6
151	79.8	64.0	96.0

Manual Integrations
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MMDadoda
12/10/2020 9:55:46 AM



#10

Methyl Iodide

Concen: 14.861 ug/l

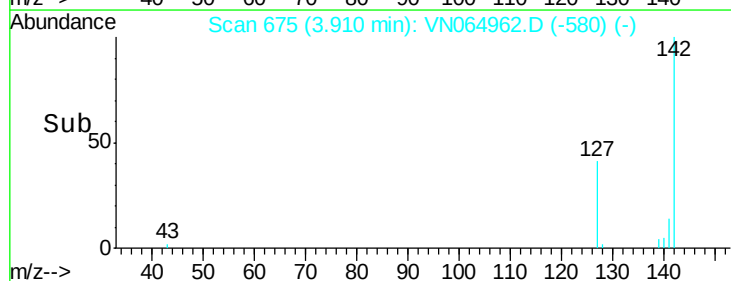
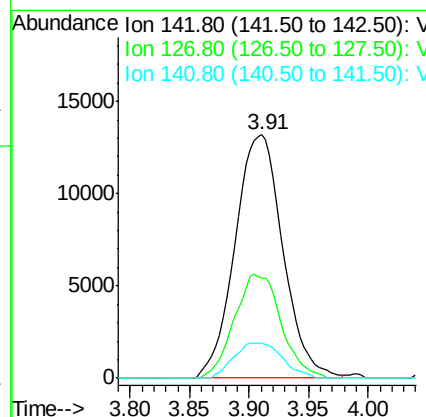
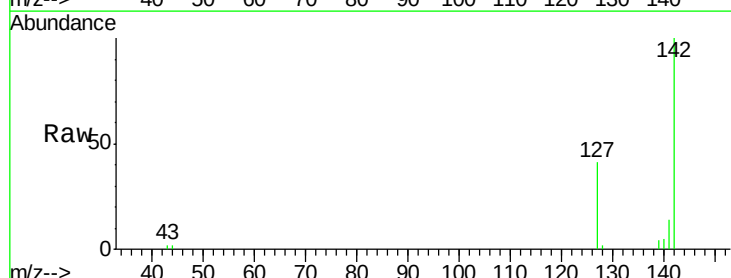
RT: 3.91 min Scan# 675

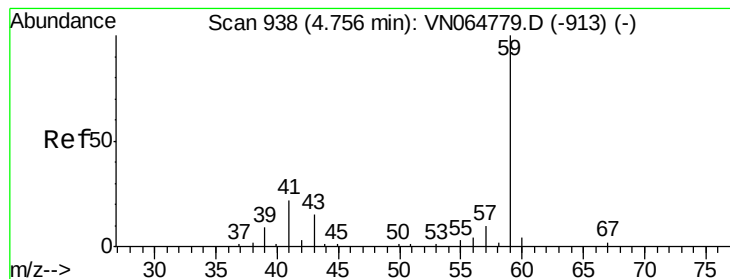
Delta R.T. 0.01 min

Lab File: VN064962.D

Acq: 8 Dec 2020 12:13

Tgt Ion:	142	Resp:	36791
Ion Ratio	Lower	Upper	
142	100		
127	41.6	35.0	52.6
141	14.6	11.8	17.6





#11

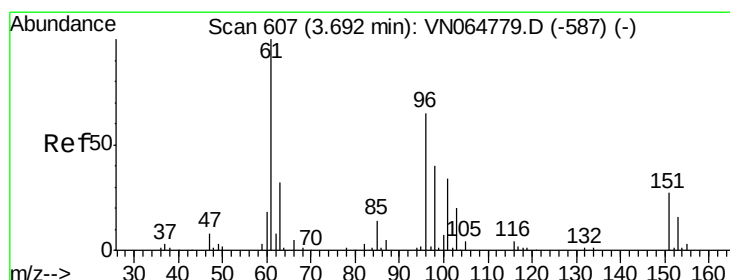
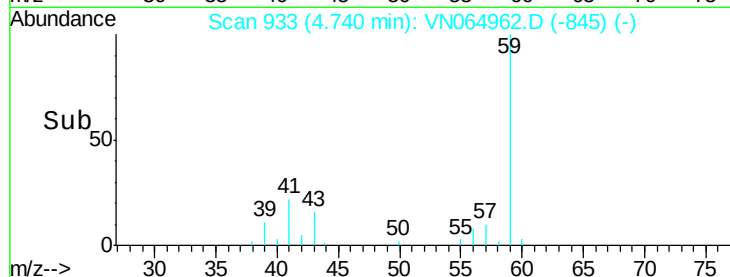
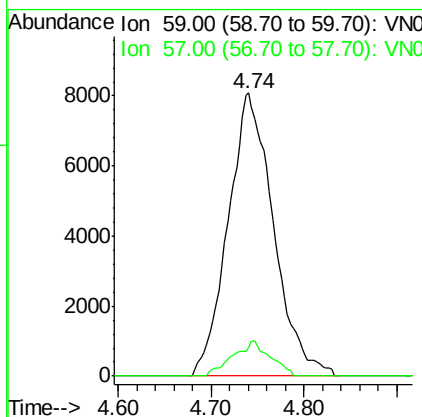
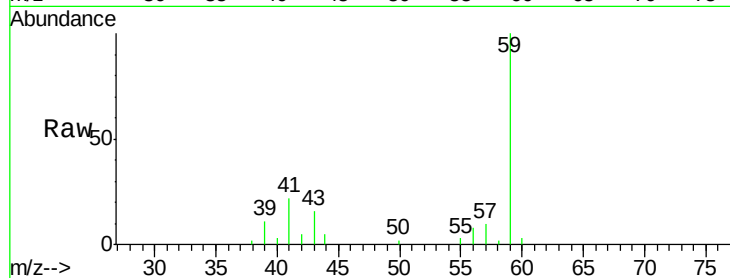
Tert butyl alcohol
Concen: 77.261 ug/l
RT: 4.74 min Scan# 933
Delta R.T. -0.02 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	7.9	11.9

Manual Integrations
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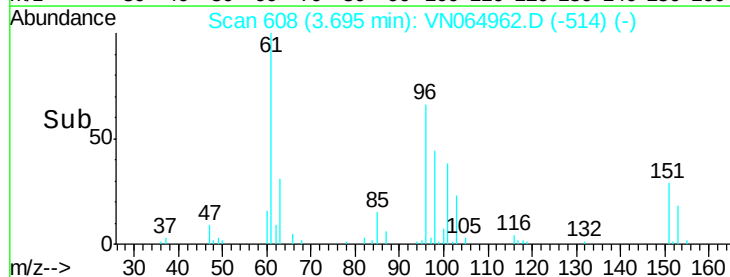
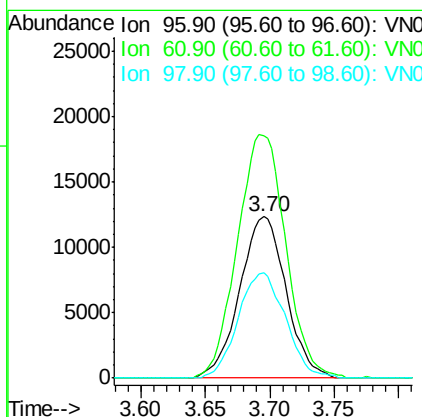
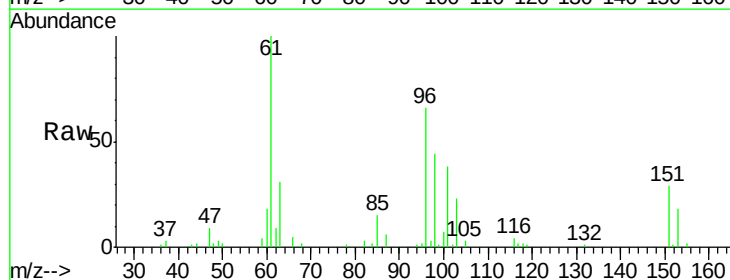
MMDadoda
12/10/2020 9:55:46 AM

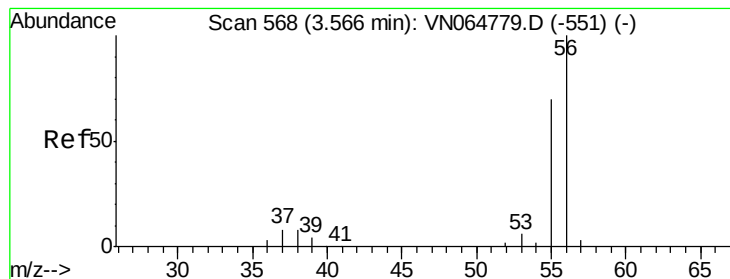


#12

1,1-Dichloroethene
Concen: 16.258 ug/l
RT: 3.70 min Scan# 608
Delta R.T. 0.00 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

Tgt Ion	Ratio	Lower	Upper
96	100		
61	150.7	123.4	185.2
98	65.6	49.8	74.8





#13

Acrolein

Concen: 87.038 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN064962.D

Acq: 8 Dec 2020 12:13

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBSD01

Tot Ion: 56 Resp: 18894

Ion Ratio Lower Upper

56 100

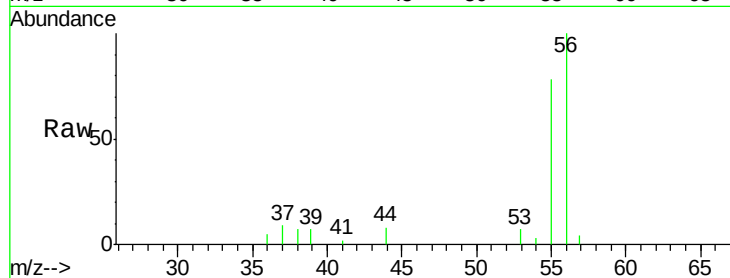
55 73.6 56.5 84.7

Manual Integrations

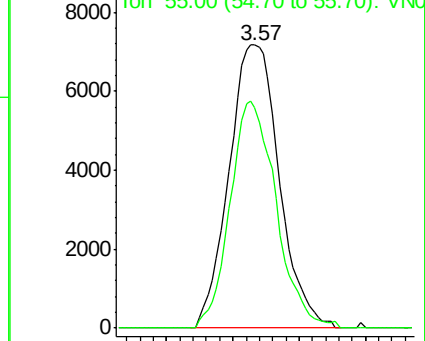
APPROVED

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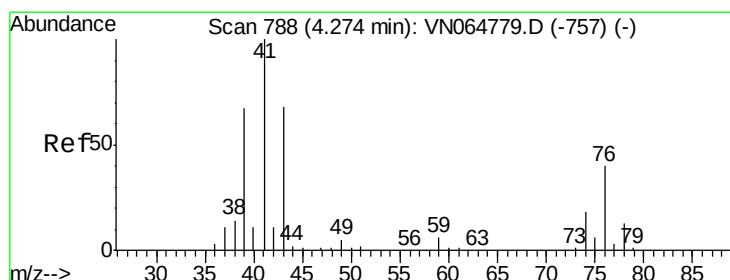
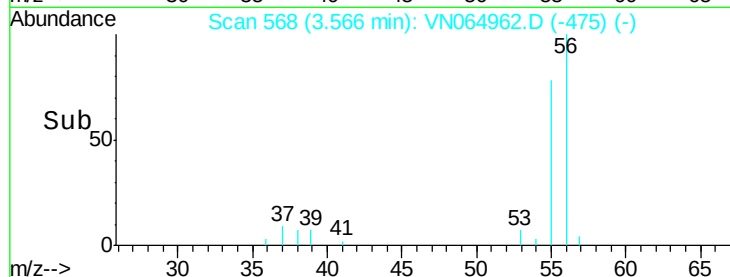
12/10/2020 9:55:46 AM



Abundance Ion 56.00 (55.70 to 56.70): VN064962.D (-475) (-)



Time-->



#14

Allyl chloride

Concen: 16.581 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN064962.D

Acq: 8 Dec 2020 12:13

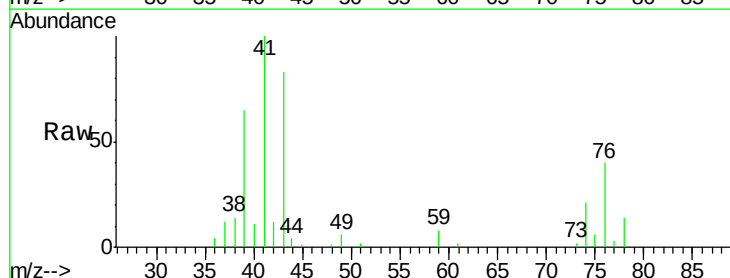
Tgt Ion: 41 Resp: 51984

Ion Ratio Lower Upper

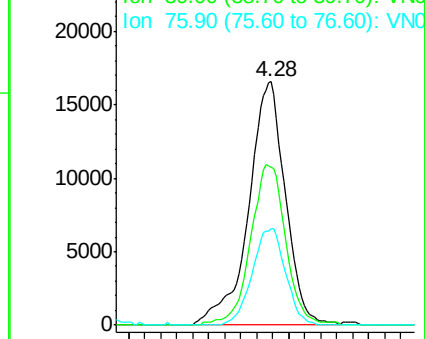
41 100

39 62.6 50.9 76.3

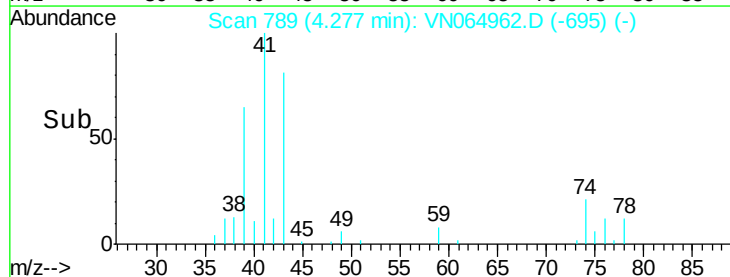
76 35.8 29.0 43.4

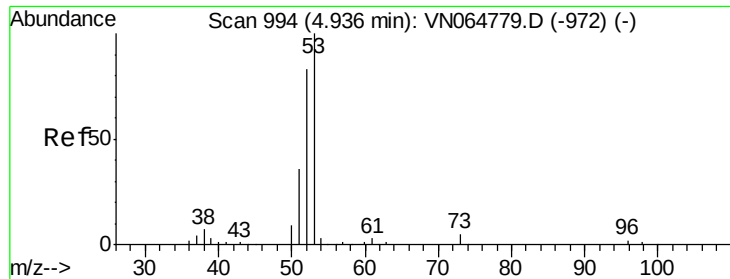


Abundance Ion 41.00 (40.70 to 41.70): VN064962.D (-695) (-)



Time-->





#15

Acrylonitrile

Concen: 86.495 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.01 min

Lab File: VN064962.D

Acq: 8 Dec 2020 12:13

Instrument :

MSVOA_N

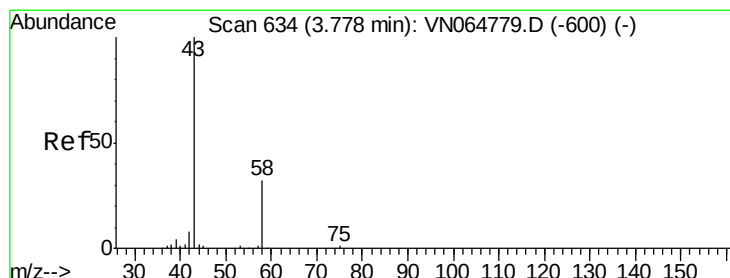
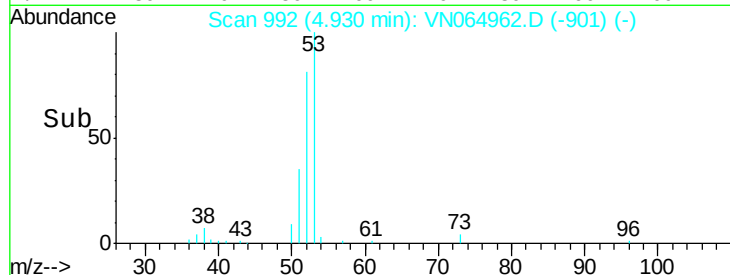
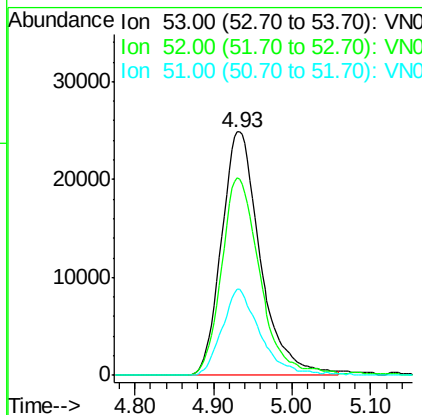
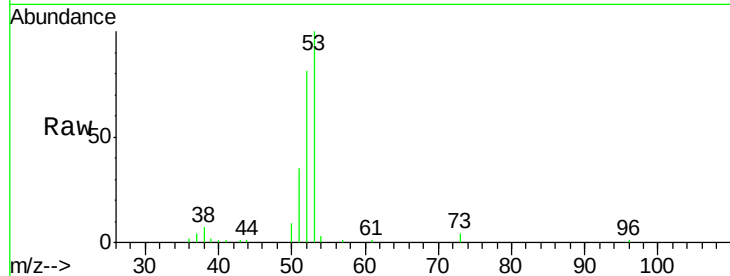
ClientSampleId :

VN1208WBSD01

Tot Ion:	53	Resp:	84919
Ion	Ratio	Lower	Upper
53	100		
52	78.8	65.5	98.3
51	34.0	28.6	43.0

Manual Integrations
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MMDadoda
12/10/2020 9:55:46 AM



#16

Acetone

Concen: 97.361 ug/l

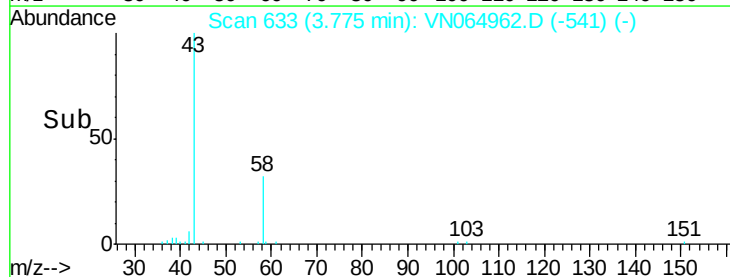
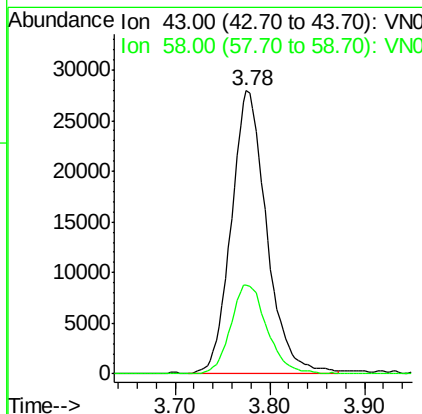
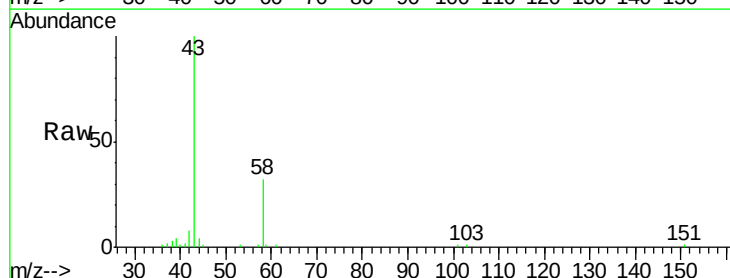
RT: 3.78 min Scan# 633

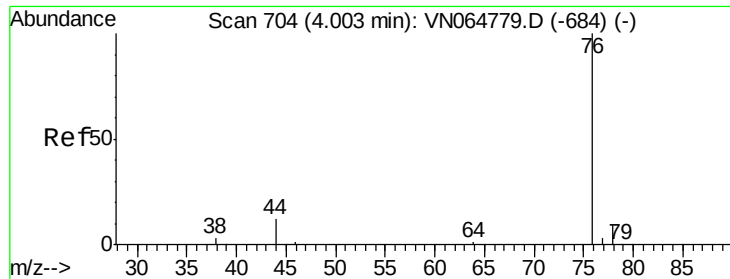
Delta R.T. -0.00 min

Lab File: VN064962.D

Acq: 8 Dec 2020 12:13

Tgt Ion:	43	Resp:	72935
Ion	Ratio	Lower	Upper
43	100		
58	31.5	25.7	38.5





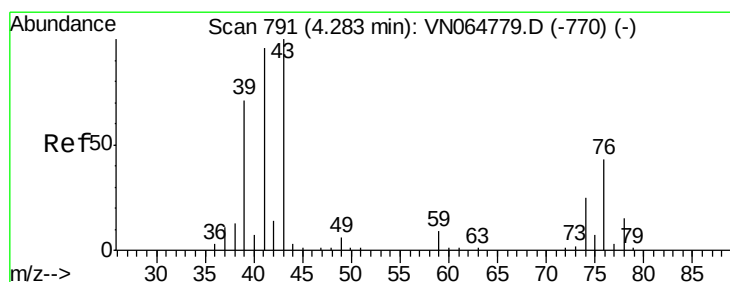
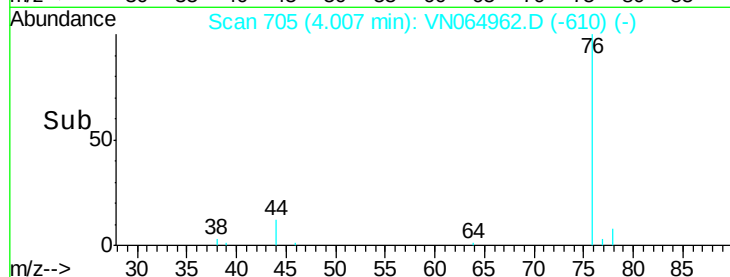
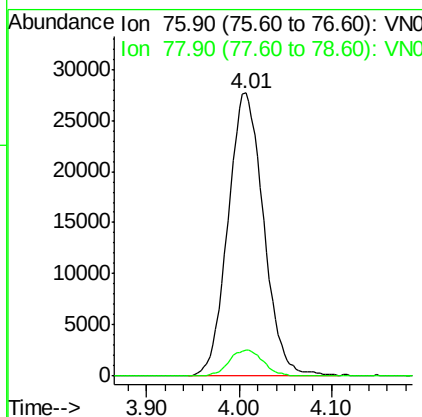
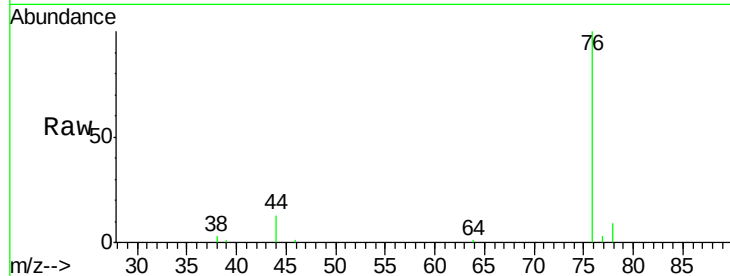
#17
Carbon Disulfide
Concen: 15.058 ug/l
RT: 4.01 min Scan# 705
Delta R.T. 0.00 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD01

Tot Ion: 76 Resp: 73882
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0

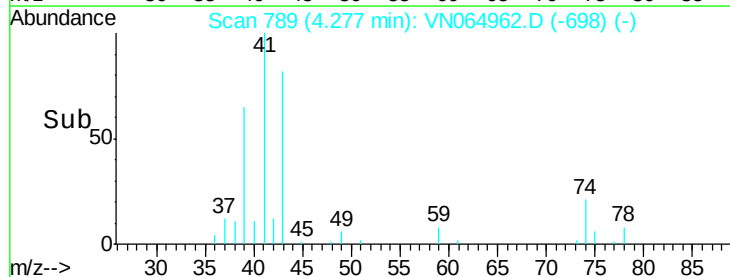
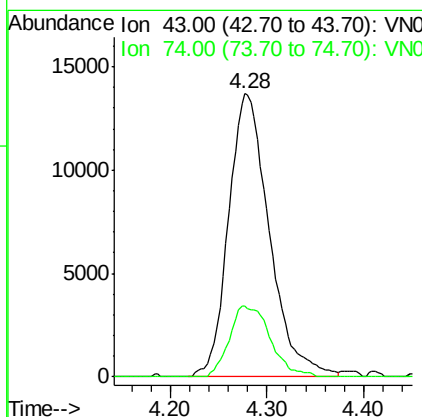
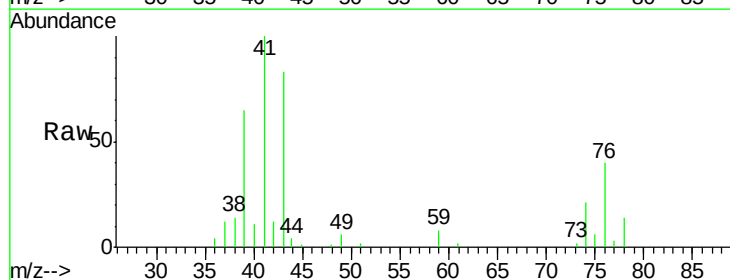
Manual Integrations
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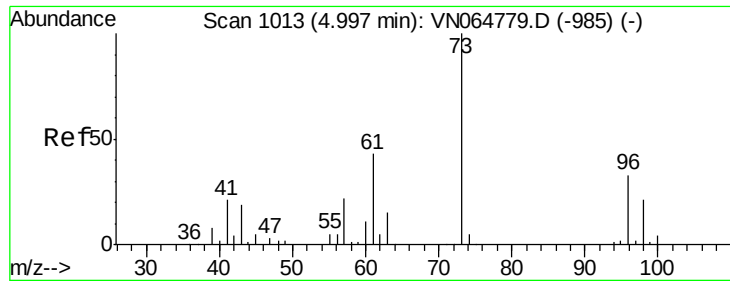
MMDadoda
12/10/2020 9:55:46 AM



#18
Methyl Acetate
Concen: 17.840 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.01 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

Tgt Ion: 43 Resp: 40180
Ion Ratio Lower Upper
43 100
74 25.1 20.2 30.2





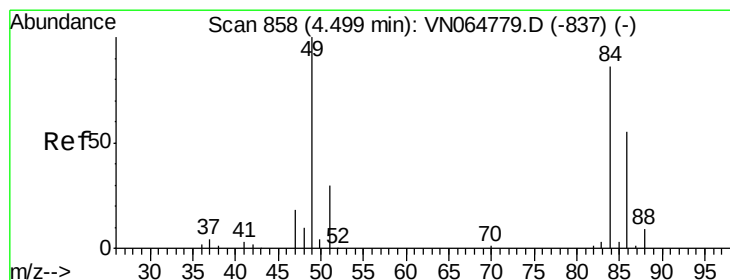
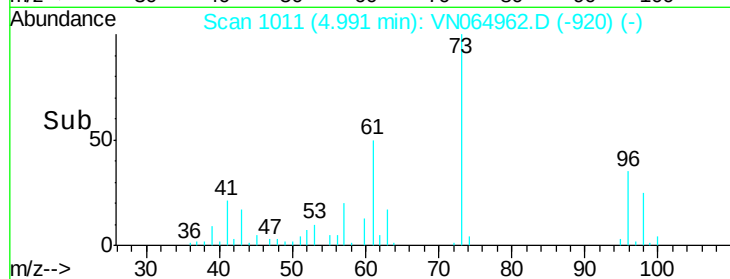
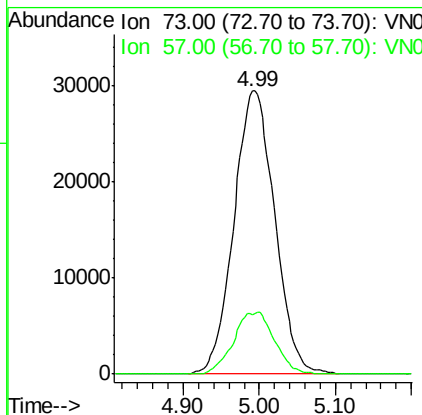
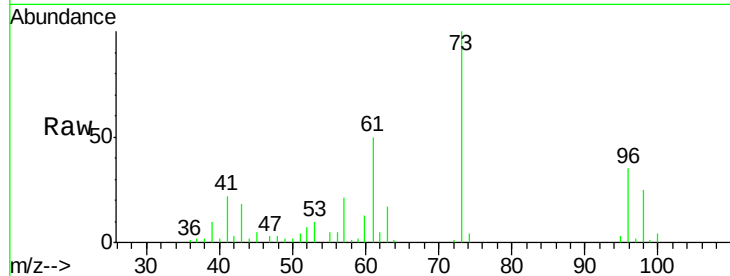
#19
Methyl tert-butyl Ether
Concen: 18.029 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD01

Tot Ion: 73 Resp: 109910
Ion Ratio Lower Upper
73 100
57 21.0 17.4 26.0

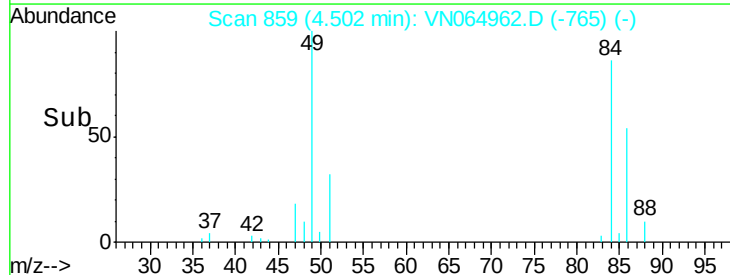
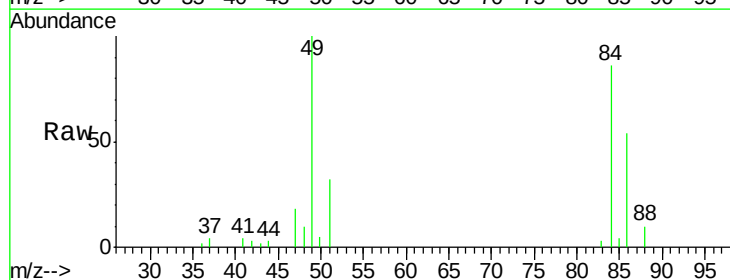
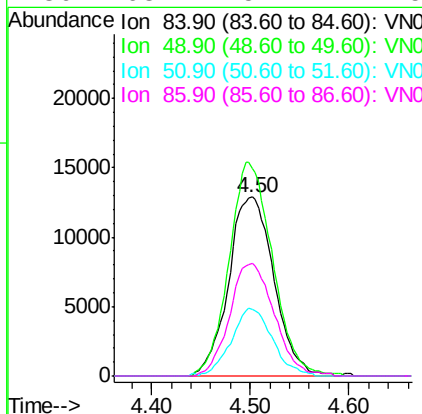
Manual Integrations
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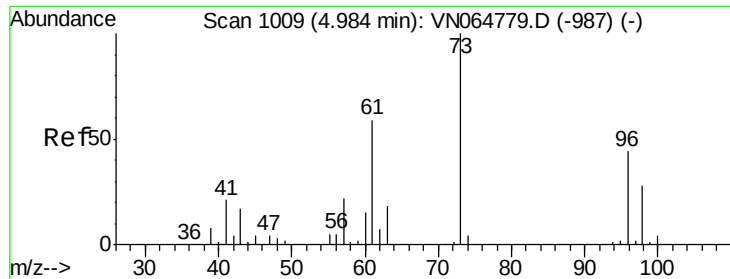
MMDadoda
12/10/2020 9:55:46 AM



#20
Methylene Chloride
Concen: 17.562 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

Tgt Ion: 84 Resp: 41226
Ion Ratio Lower Upper
84 100
49 116.0 93.4 140.0
51 37.3 28.2 42.4
86 63.2 51.7 77.5





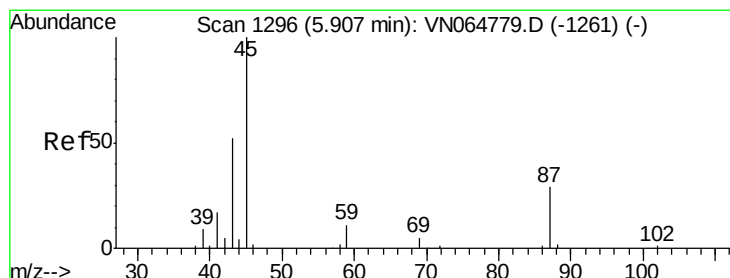
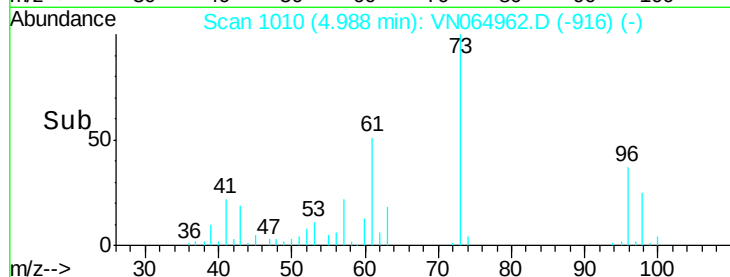
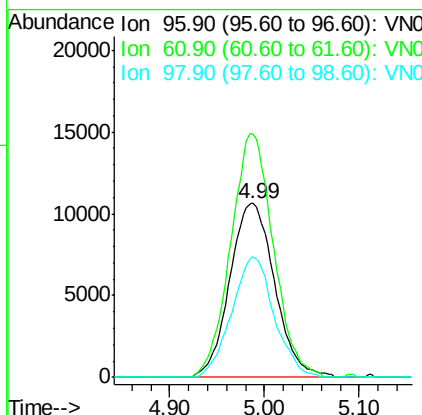
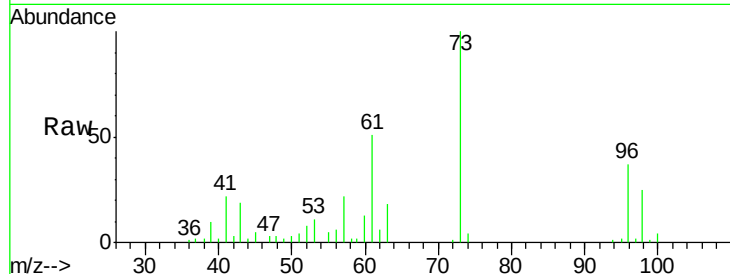
#21
trans-1,2-Dichloroethene
Concen: 16.654 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	139.6	108.4	162.6	
98	69.0	51.3	76.9	

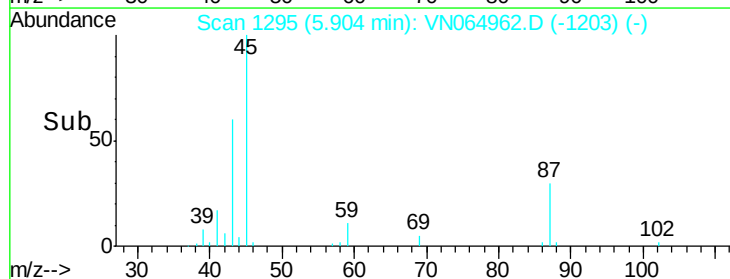
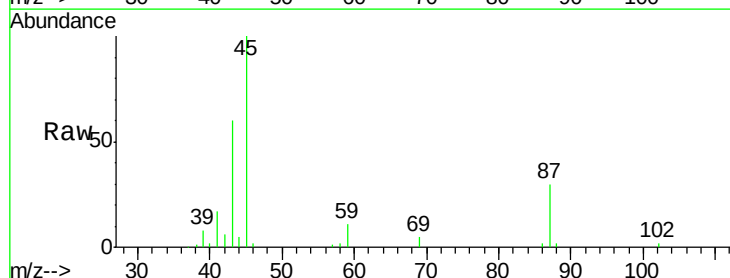
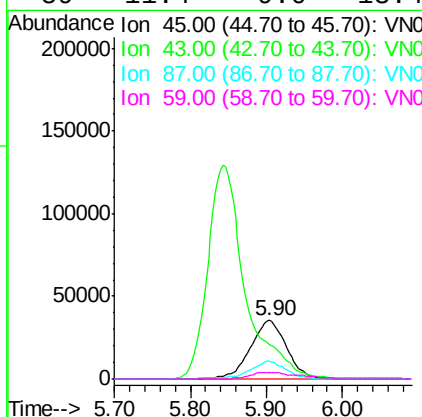
Manual Integrations
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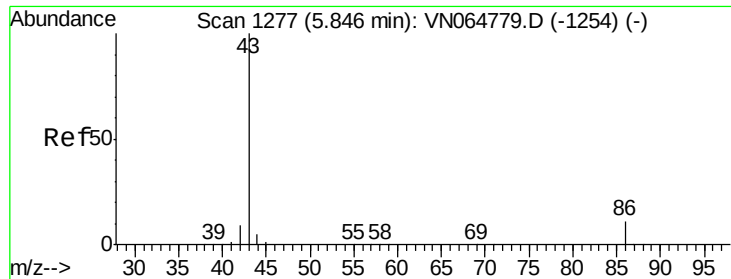
MMDadoda
12/10/2020 9:55:46 AM



#22
Diisopropyl ether
Concen: 18.618 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

Tgt Ion	Ion	Ratio	Lower	Upper
45	100			
43	58.4	46.2	69.2	
87	30.2	24.1	36.1	
59	11.4	9.0	13.4	





#23

Vinyl Acetate

Concen: 88.151 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN064962.D

Acq: 8 Dec 2020 12:13

Instrument :

MSVOA_N

ClientSampleID :

VN1208WBSD01

Tot Ion: 43 Resp: 442342

Ion Ratio Lower Upper

43 100

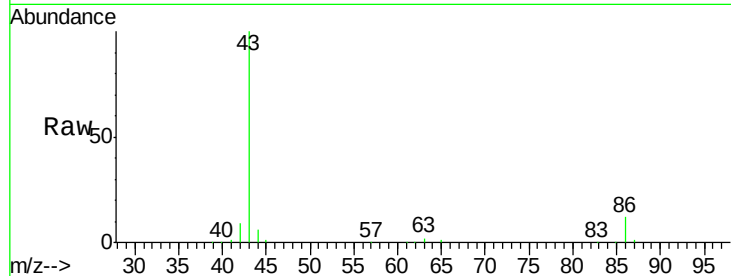
86 11.8 8.9 13.3

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

150000

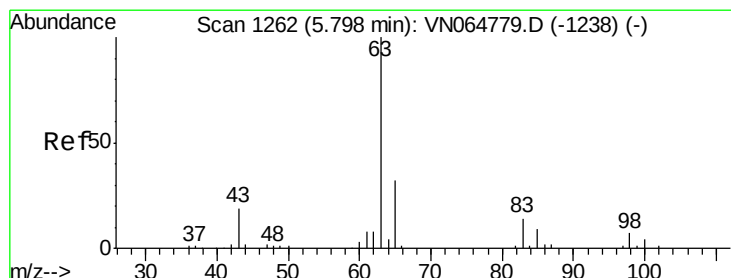
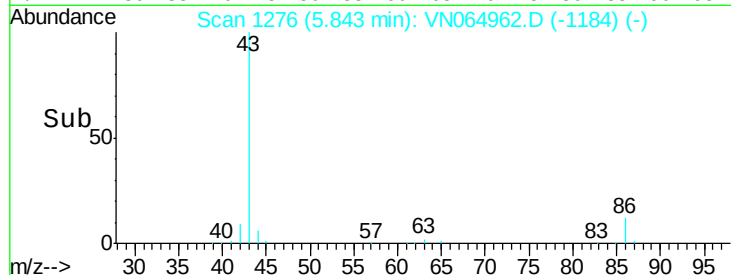
100000

50000

0

5.70 5.80 5.90 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 17.473 ug/l

RT: 5.79 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VN064962.D

Acq: 8 Dec 2020 12:13

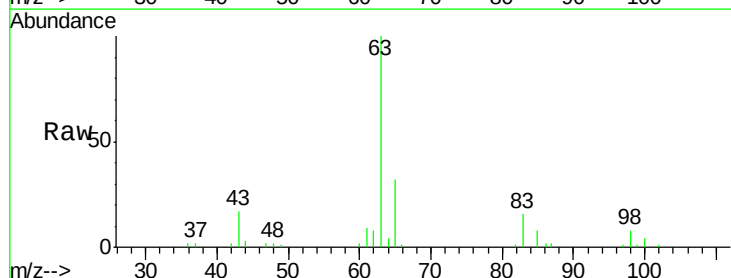
Tgt Ion: 63 Resp: 65527

Ion Ratio Lower Upper

63 100

98 8.1 3.5 10.5

100 4.2 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

25000

20000

15000

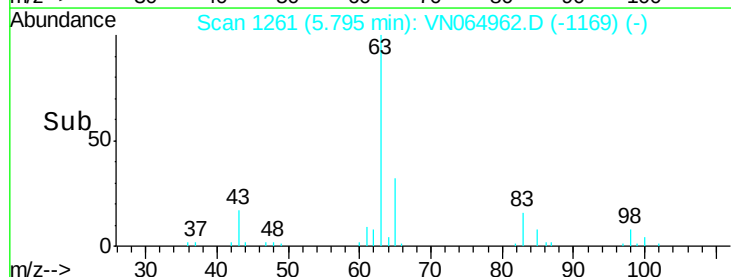
10000

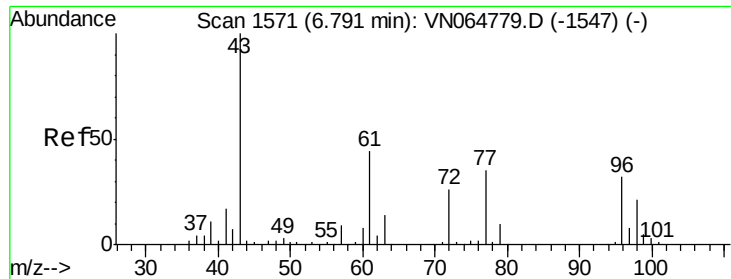
5000

0

5.70 5.80 5.90

Time-->





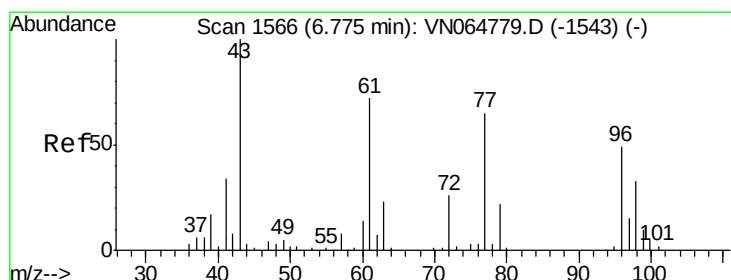
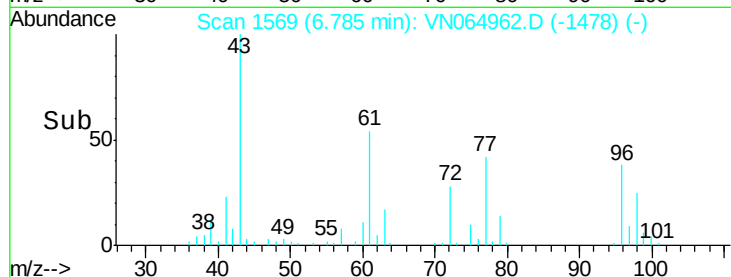
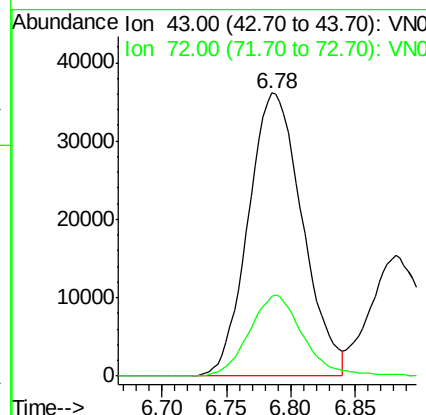
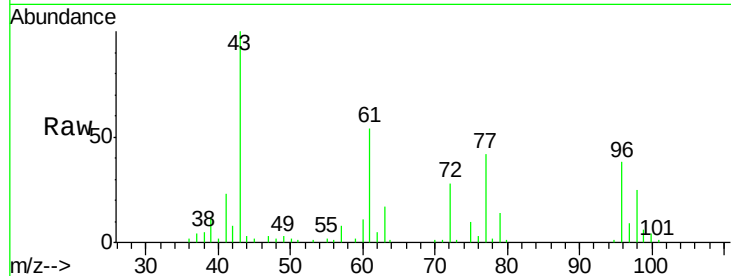
#25
2-Butanone
Concen: 87.071 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. -0.01 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD01

Tot Ion: 43 Resp: 105735
Ion Ratio Lower Upper
43 100
72 28.2 21.0 31.6

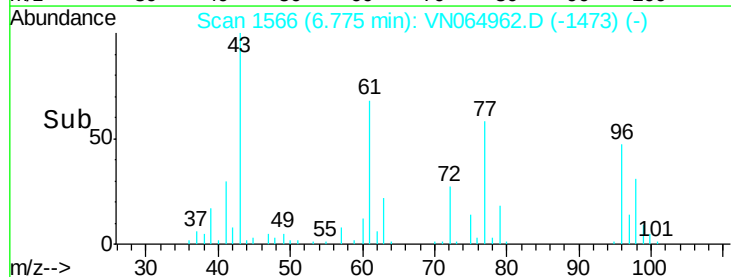
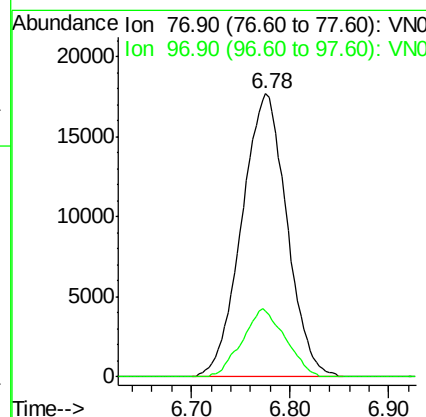
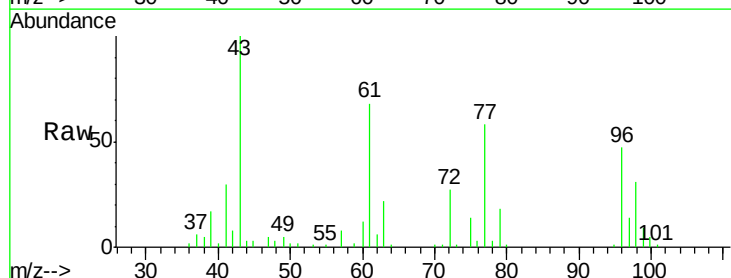
Manual Integrations
APPROVED

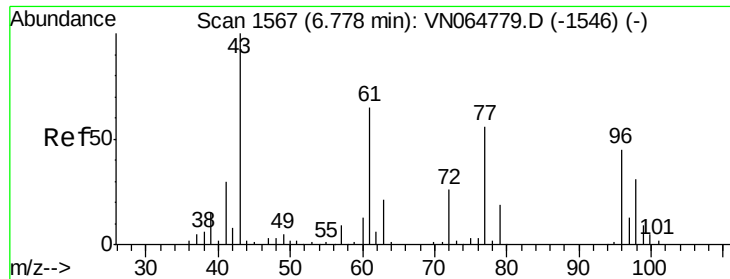
MMDadoda
12/10/2020 9:55:46 AM



#26
2,2-Dichloropropane
Concen: 17.188 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

Tgt Ion: 77 Resp: 55904
Ion Ratio Lower Upper
77 100
97 23.0 11.7 35.0





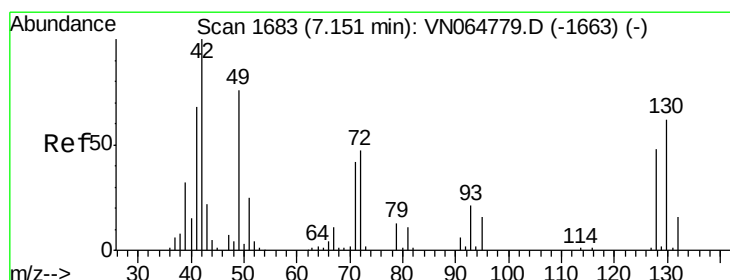
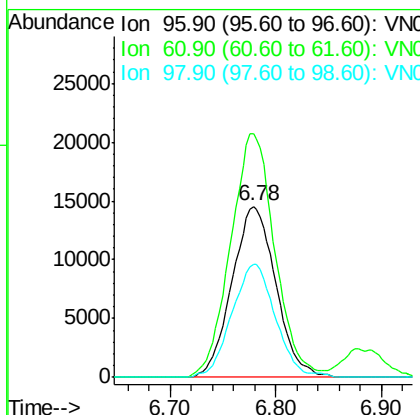
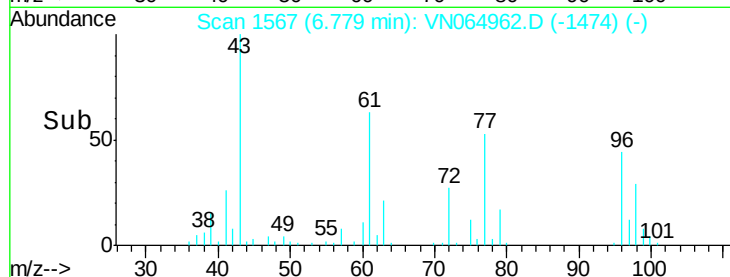
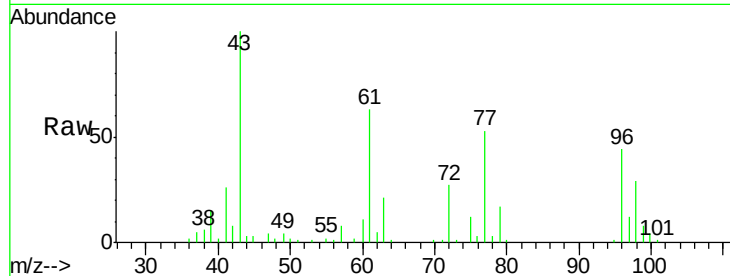
#27
 cis-1,2-Dichloroethene
 Concen: 17.701 ug/l
 RT: 6.78 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: VN064962.D
 Acq: 8 Dec 2020 12:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.2	0.0	285.8
98	65.0	0.0	130.6

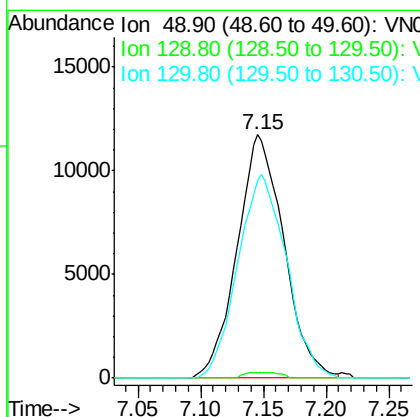
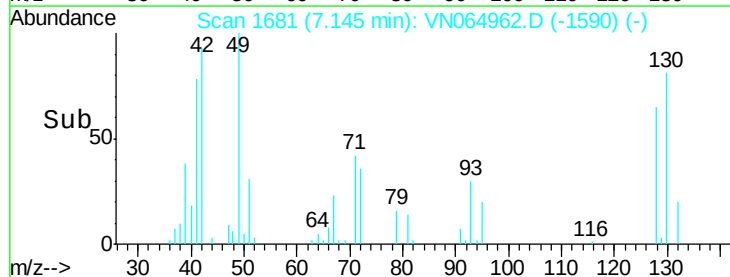
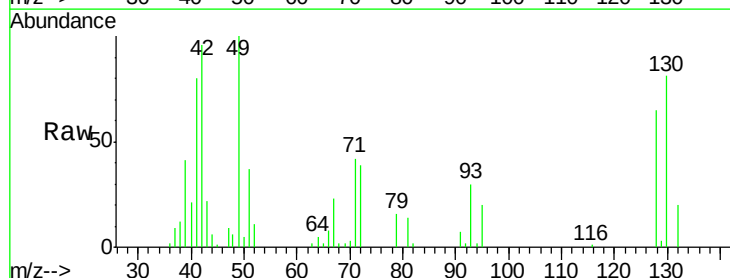
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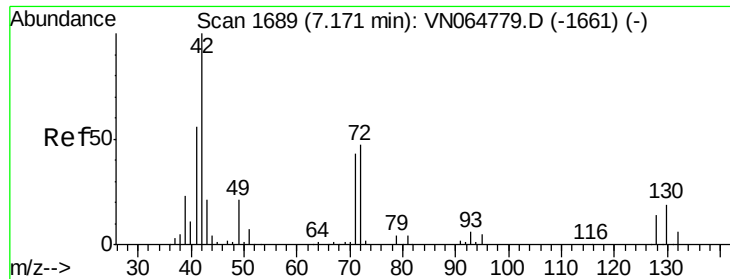
MMDadoda
 12/10/2020 9:55:46 AM



#28
 Bromochloromethane
 Concen: 17.724 ug/l
 RT: 7.15 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: VN064962.D
 Acq: 8 Dec 2020 12:13

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	86.9	66.2	99.2





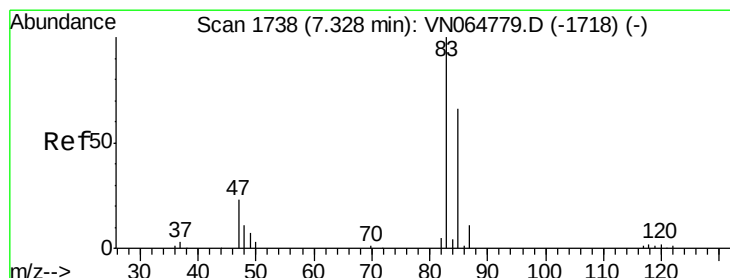
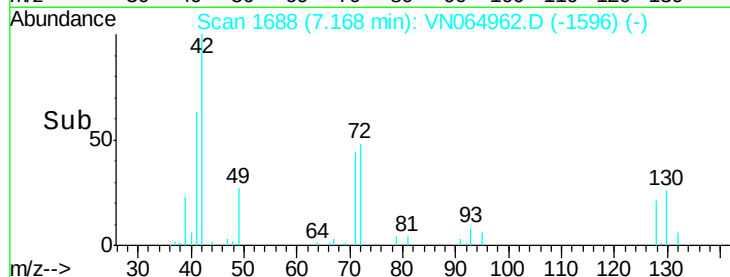
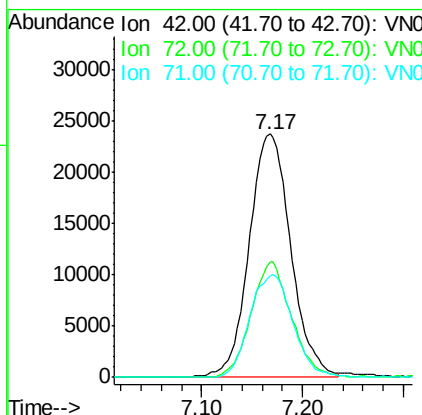
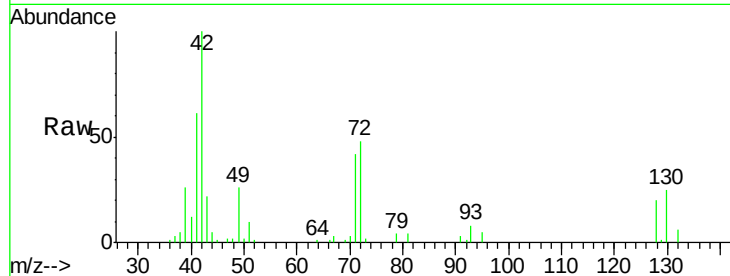
#29
Tetrahydrofuran
Concen: 80.977 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.9	36.6	54.8
71	43.6	33.6	50.4

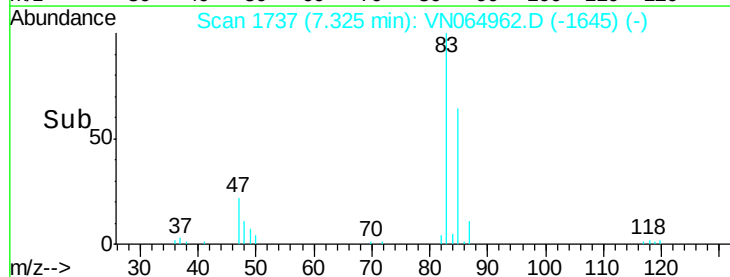
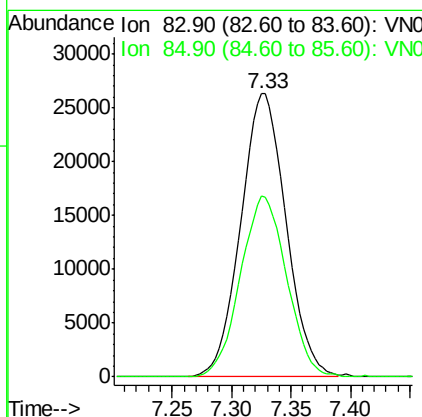
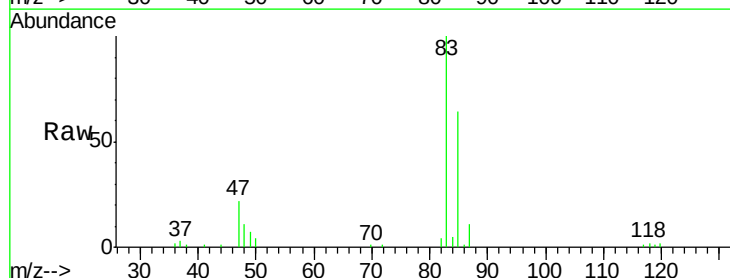
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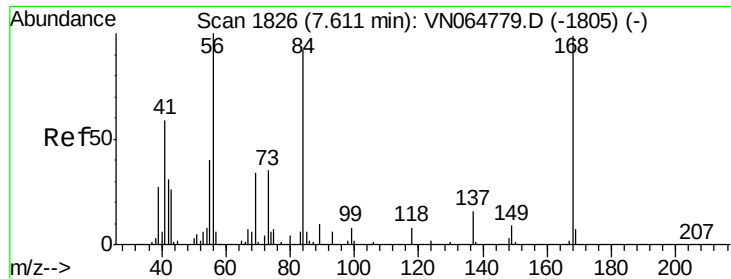
MMDadoda
12/10/2020 9:55:46 AM



#30
Chloroform
Concen: 17.950 ug/l
RT: 7.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	52.6	78.8





#31

Cyclohexane

Concen: 16.158 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN064962.D

Acq: 8 Dec 2020 12:13

Instrument :

MSVOA_N

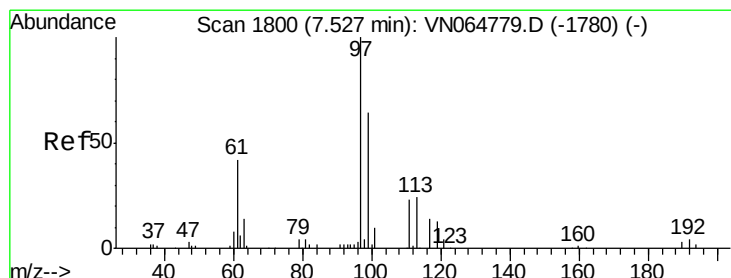
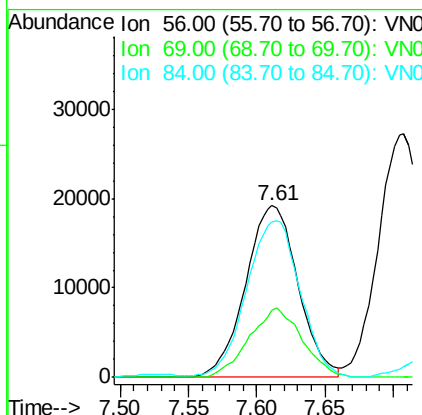
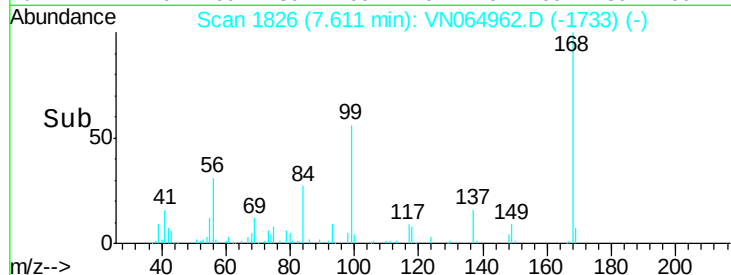
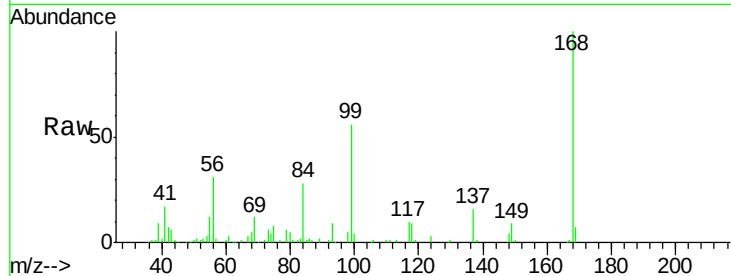
ClientSampleId :

VN1208WBSD01

Tot Ion:	56	Resp:	51321
Ion Ratio	Lower	Upper	
56	100		
69	39.1	27.5	41.3
84	89.7	73.9	110.9

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 17.388 ug/l

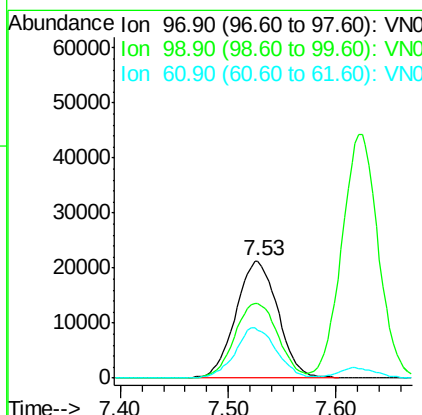
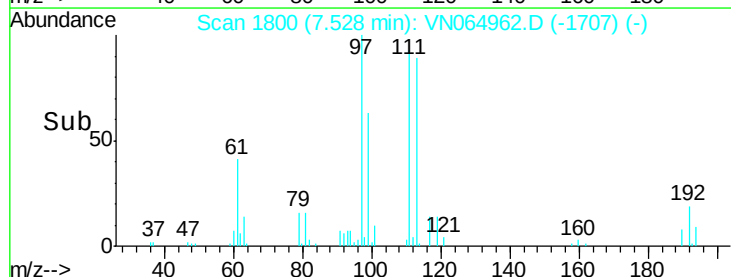
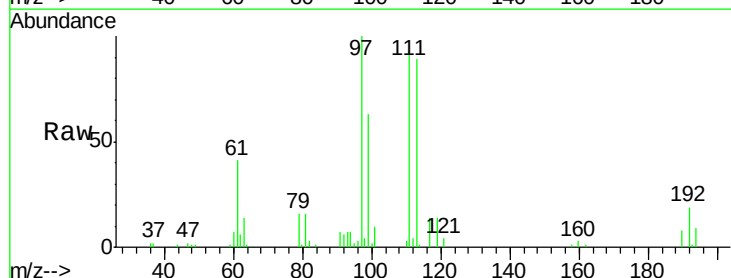
RT: 7.53 min Scan# 1800

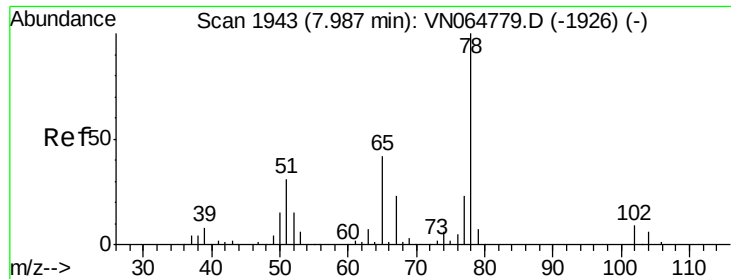
Delta R.T. 0.00 min

Lab File: VN064962.D

Acq: 8 Dec 2020 12:13

Tgt Ion:	97	Resp:	57755
Ion Ratio	Lower	Upper	
97	100		
99	65.4	51.7	77.5
61	42.1	33.9	50.9





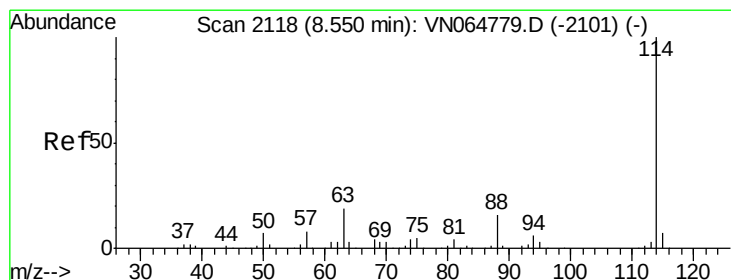
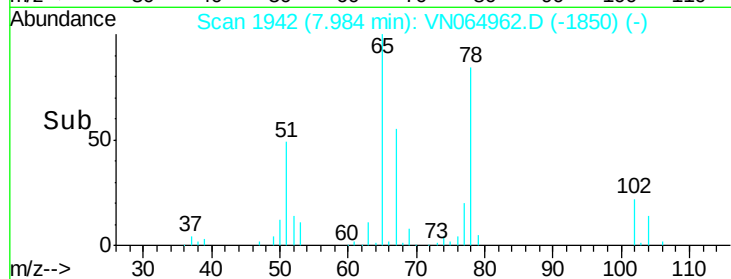
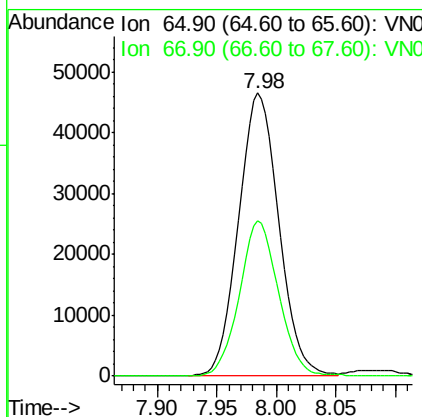
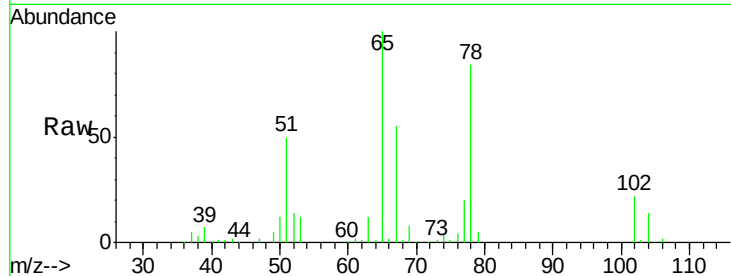
#33
 1,2-Dichloroethane-d4
 Concen: 47.898 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN064962.D
 Acq: 8 Dec 2020 12:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.3	0.0	108.2	

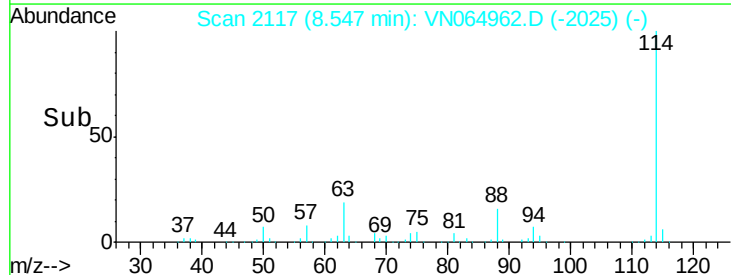
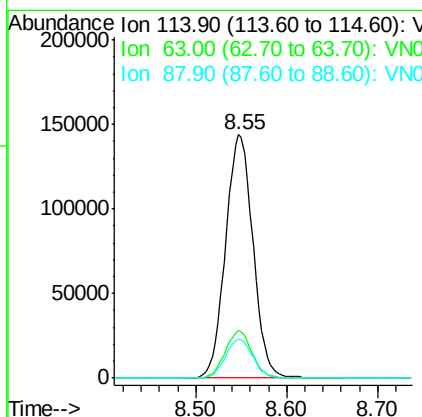
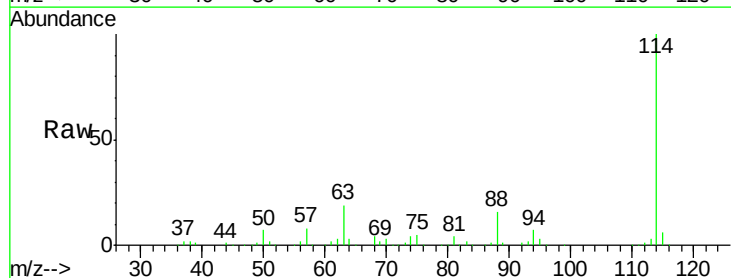
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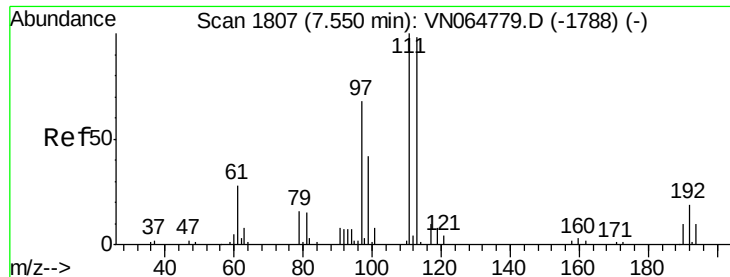
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064962.D
 Acq: 8 Dec 2020 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.4	0.0	38.6	
88	16.1	0.0	32.6	





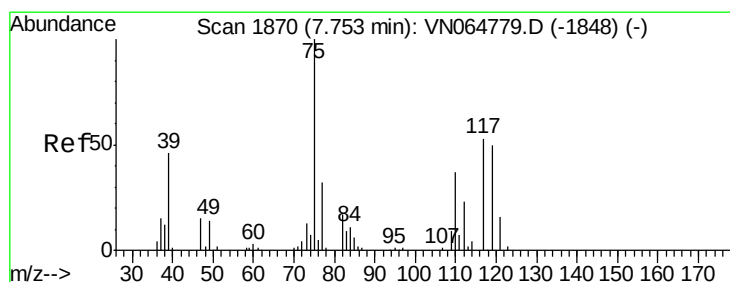
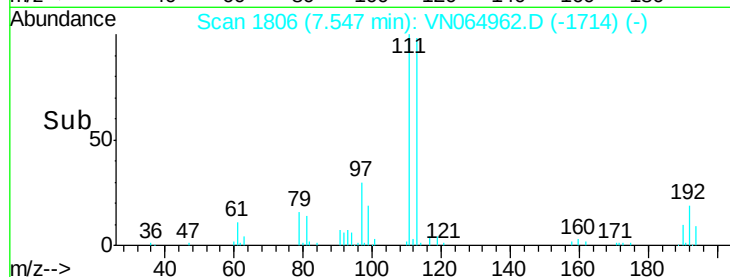
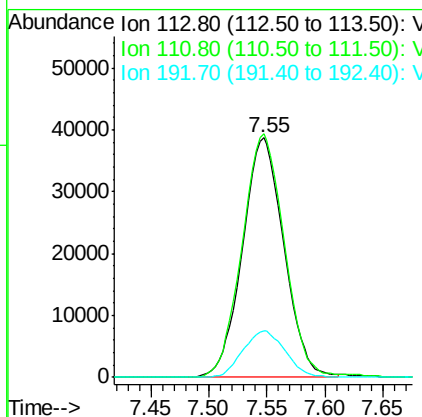
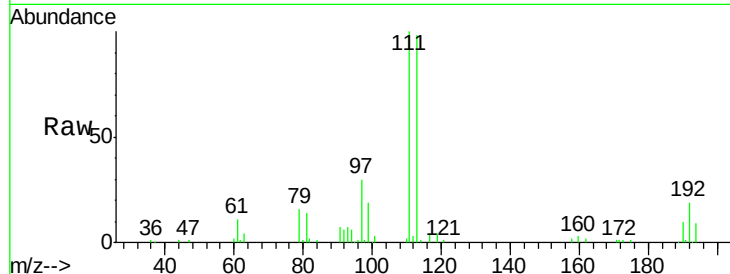
#35
 Dibromofluoromethane
 Concen: 53.577 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064962.D
 Acq: 8 Dec 2020 12:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.6	122.4
192	19.8	16.2	24.2

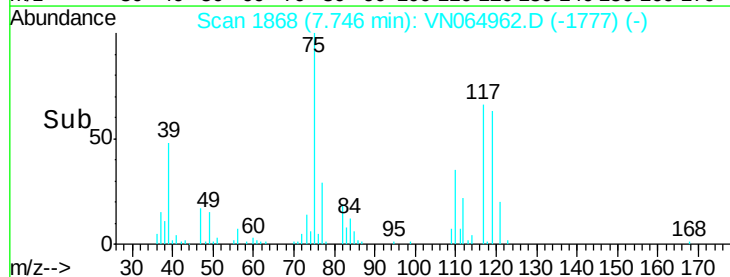
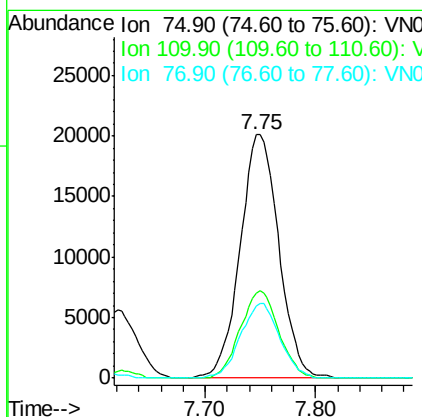
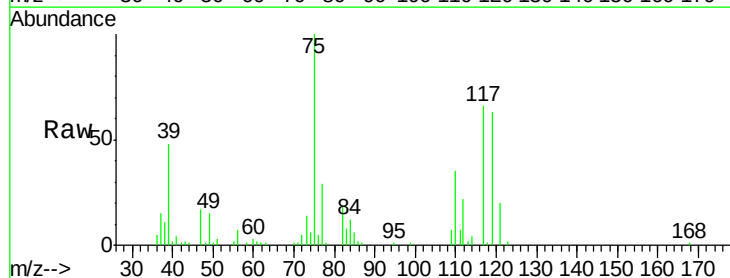
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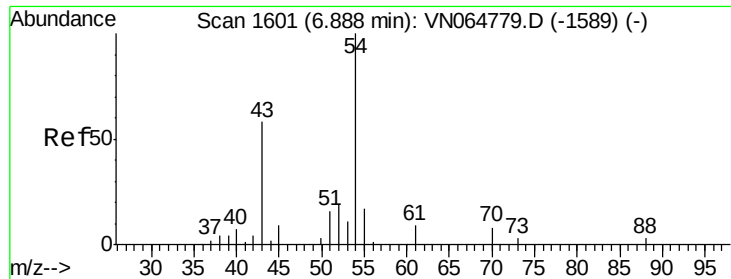
MMDadoda
 12/10/2020 9:55:46 AM



#36
 1,1-Dichloropropene
 Concen: 17.496 ug/l
 RT: 7.75 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: VN064962.D
 Acq: 8 Dec 2020 12:13

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.6	17.8	53.3
77	31.0	25.0	37.4





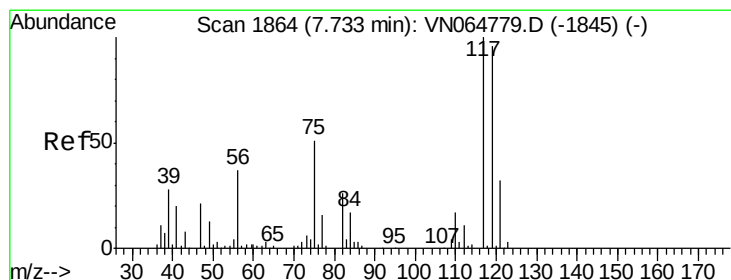
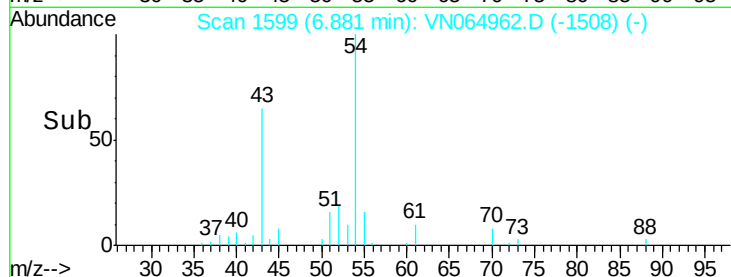
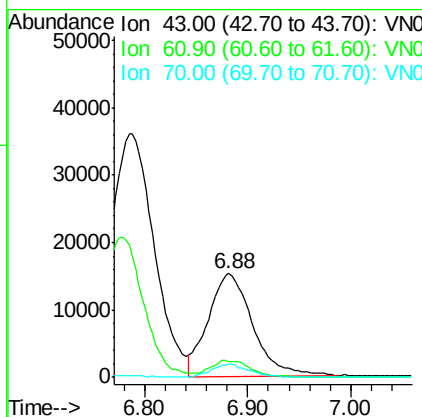
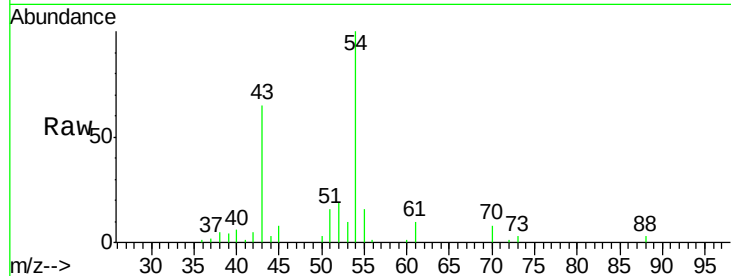
#37
Ethyl Acetate
Concen: 16.834 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.4	12.8	19.2
70	10.8	8.8	13.2

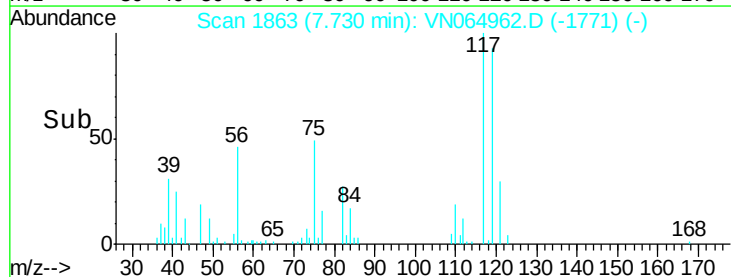
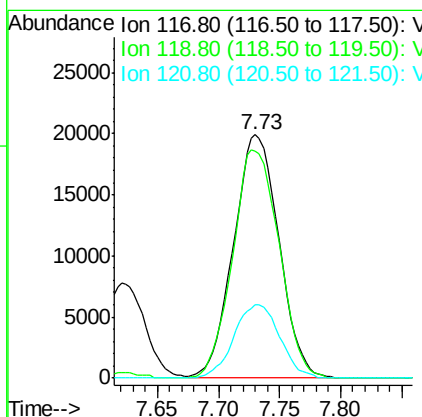
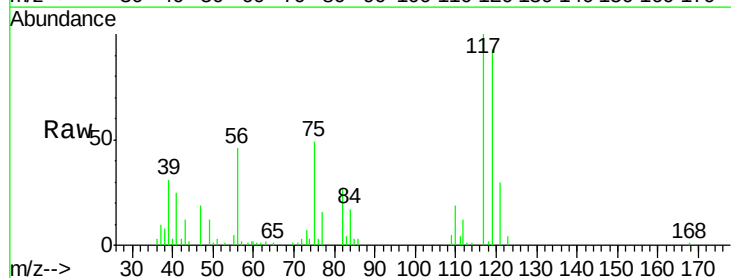
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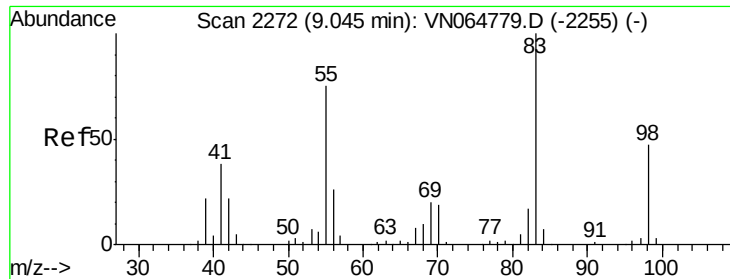
MMDadoda
12/10/2020 9:55:46 AM



#38
Carbon Tetrachloride
Concen: 17.717 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.4	76.7	115.1
121	29.9	25.4	38.2





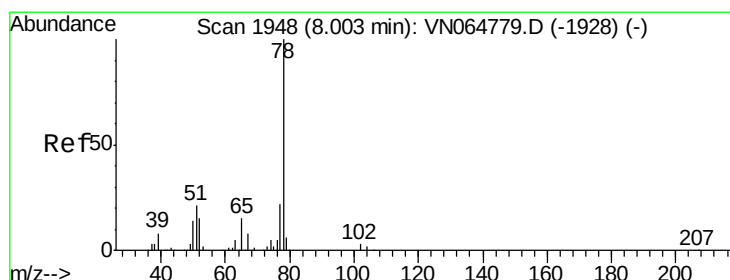
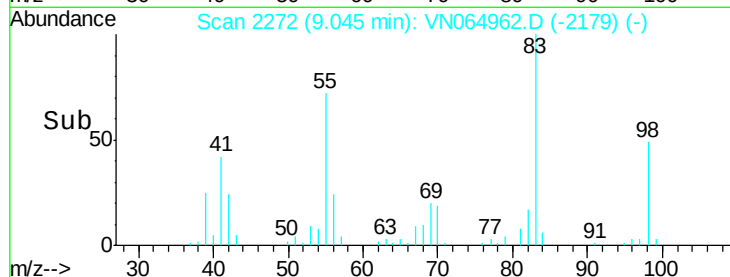
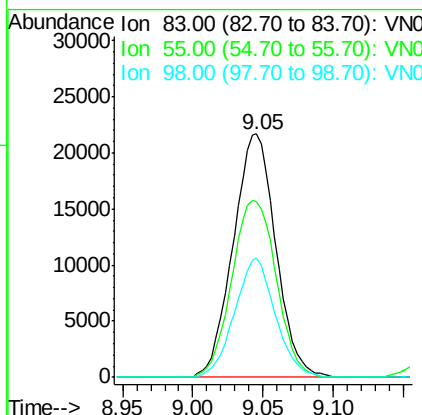
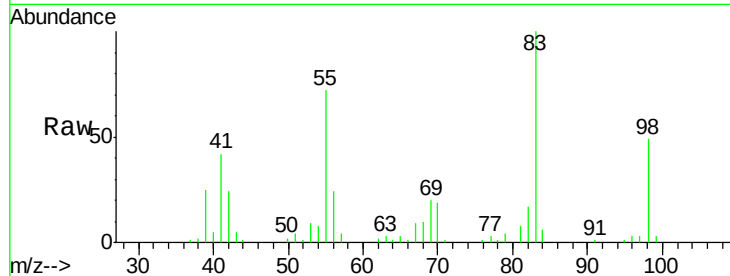
#39
Methylvlcyclohexane
Concen: 15.298 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.2	60.2	90.2
98	48.9	37.4	56.2

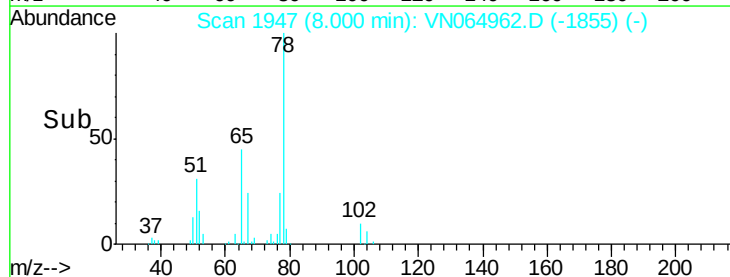
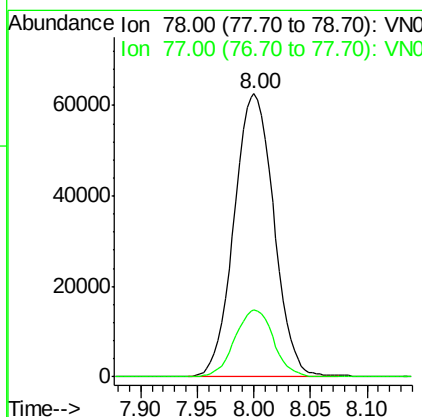
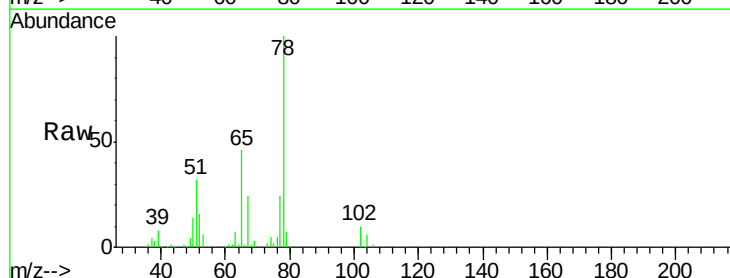
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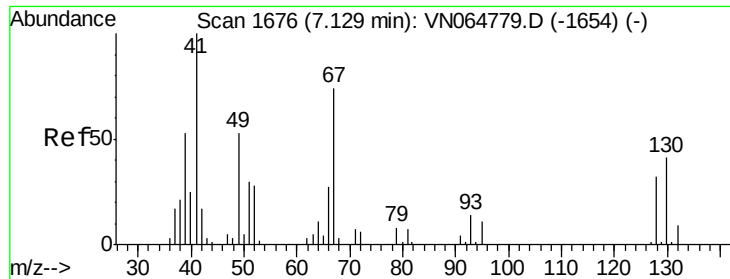
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#40
Benzene
Concen: 17.935 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	17.9	26.9





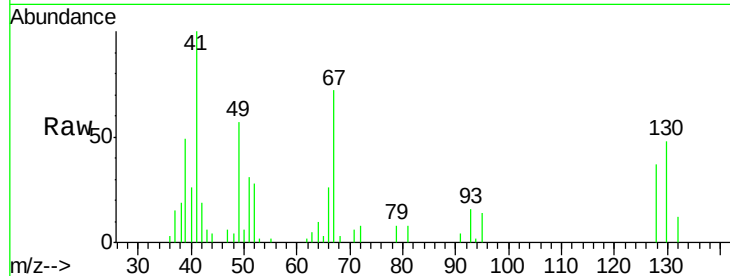
#41
Methacrylonitrile
Concen: 18.299 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD01

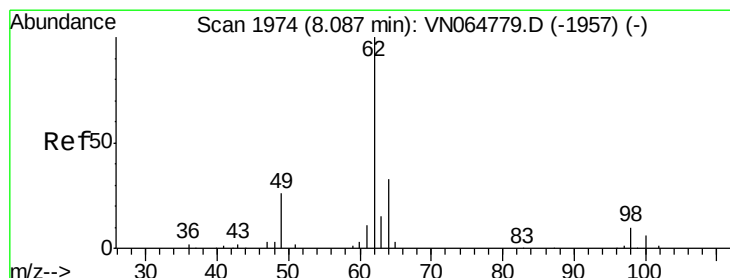
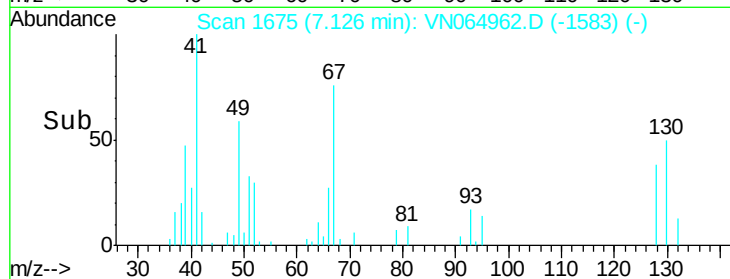
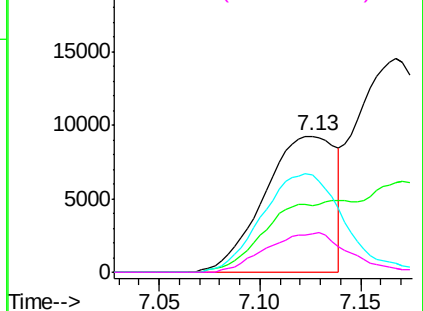
Tot Ion:	41	Resp:	22689
Ion	Ratio	Lower	Upper
41	100		
39	64.2	51.0	76.6
67	83.2	79.8	119.8
52	33.0	31.5	47.3

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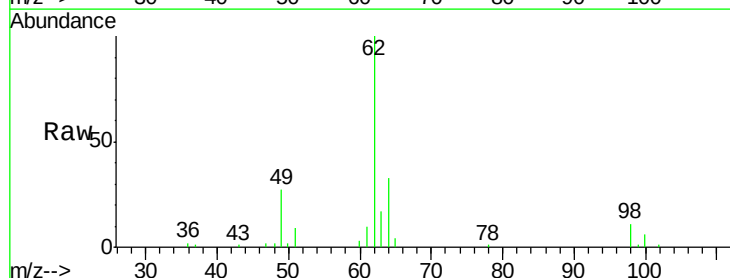


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

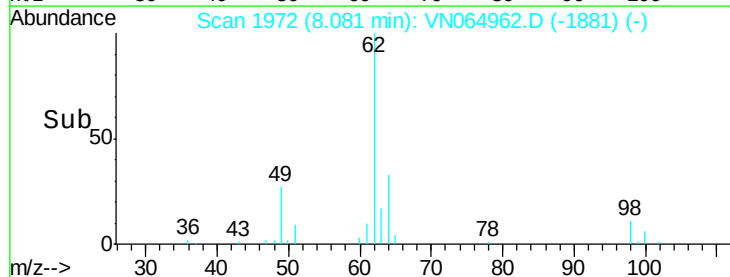
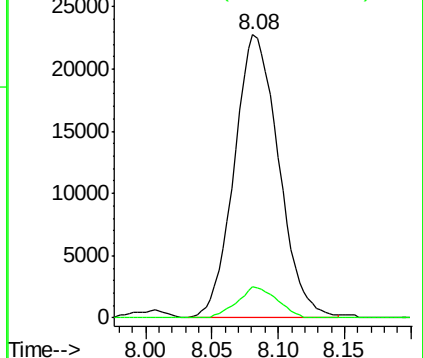


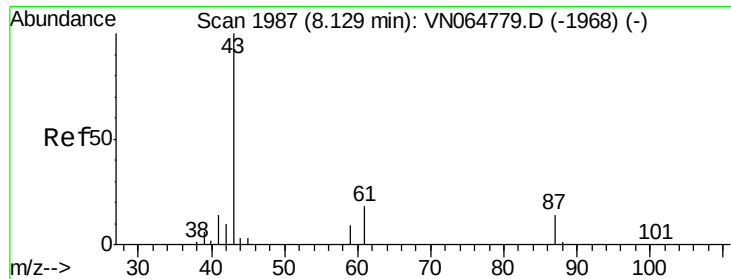
#42
1,2-Dichloroethane
Concen: 18.400 ug/l
RT: 8.08 min Scan# 1972
Delta R.T. -0.01 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

Tgt Ion:	62	Resp:	53060
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.6



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 17.122 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064962.D

Acq: 8 Dec 2020 12:13

Instrument :

MSVOA_N

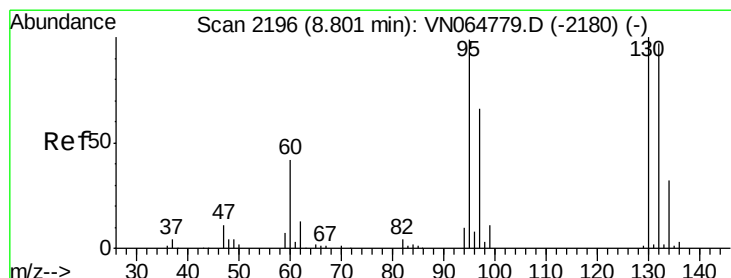
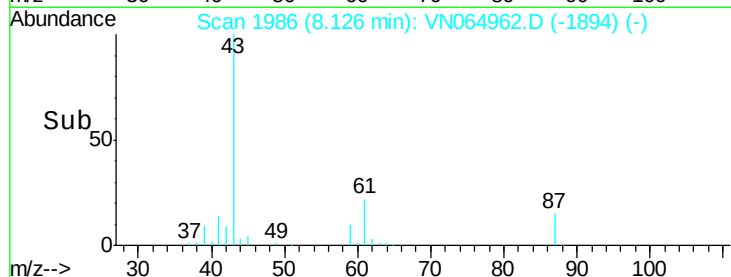
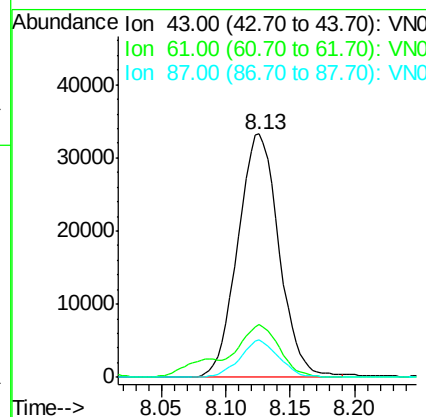
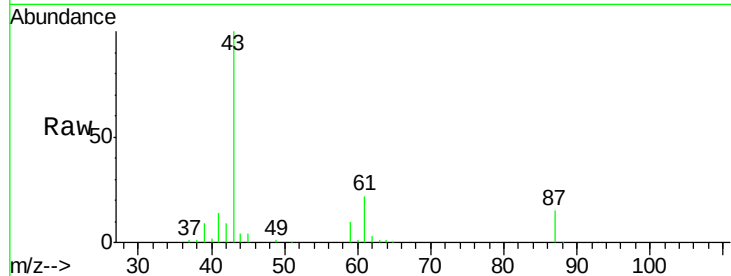
ClientSampleId :

VN1208WBSD01

Tot Ion:	43	Resp:	74036
Ion	Ratio	Lower	Upper
43	100		
61	20.6	17.2	25.8
87	14.3	11.4	17.0

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#44

Trichloroethene

Concen: 16.817 ug/l

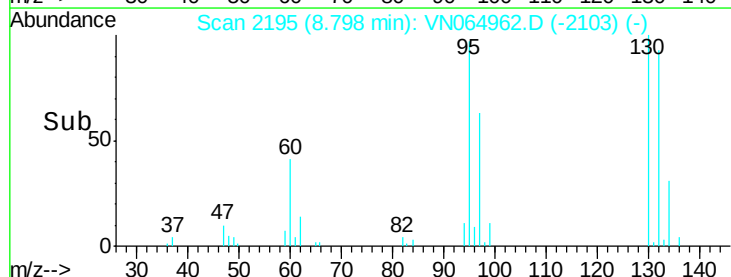
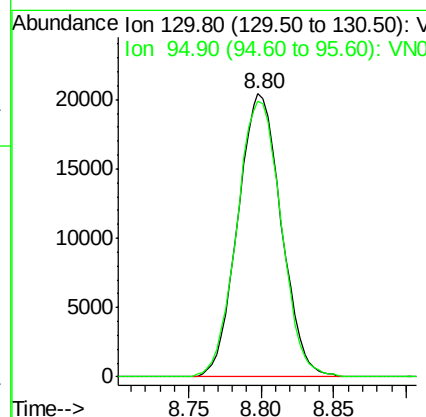
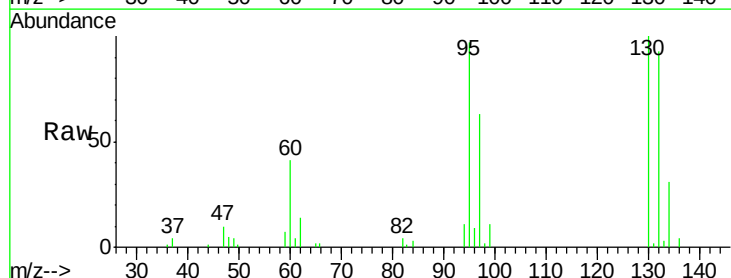
RT: 8.80 min Scan# 2195

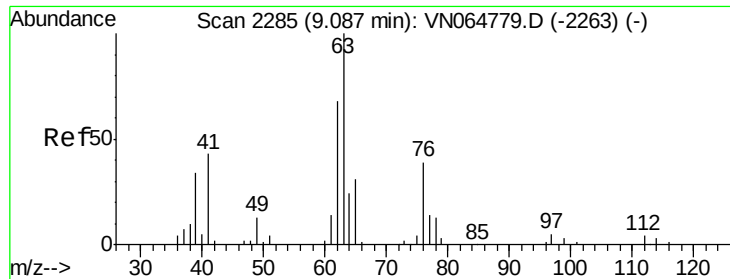
Delta R.T. -0.00 min

Lab File: VN064962.D

Acq: 8 Dec 2020 12:13

Tgt Ion:	130	Resp:	42416
Ion	Ratio	Lower	Upper
130	100		
95	97.2	0.0	197.8





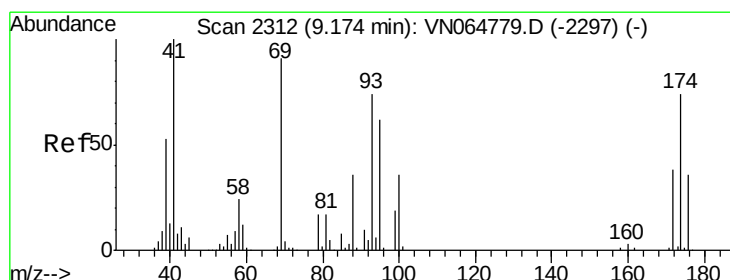
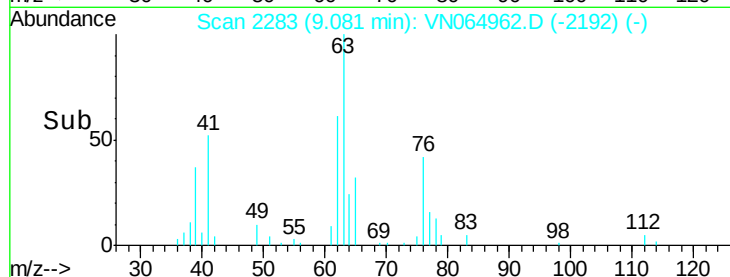
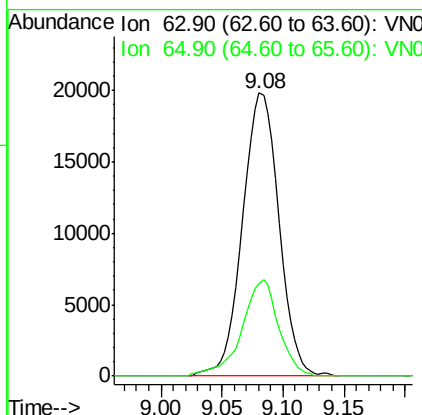
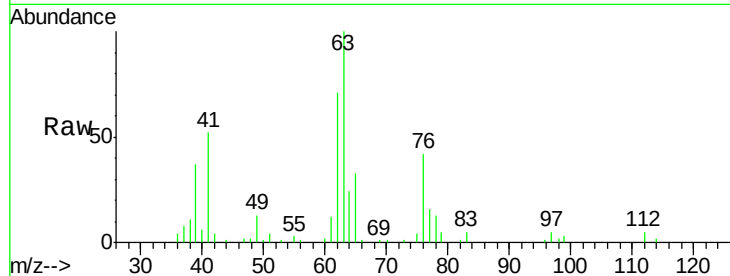
#45
 1,2-Dichloropropane
 Concen: 18.453 ug/l
 RT: 9.08 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: VN064962.D
 Acq: 8 Dec 2020 12:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBSD01

Tot Ion: 63 Resp: 40850
 Ion Ratio Lower Upper
 63 100
 65 32.9 25.0 37.4

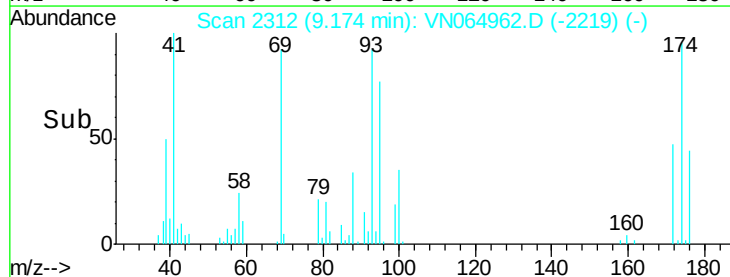
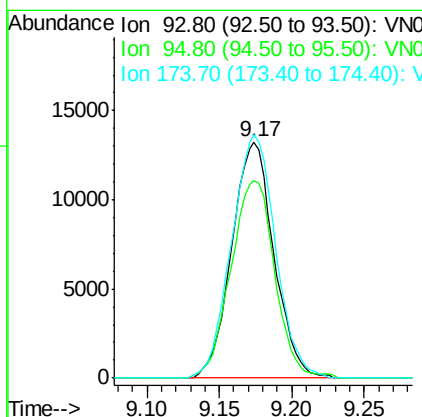
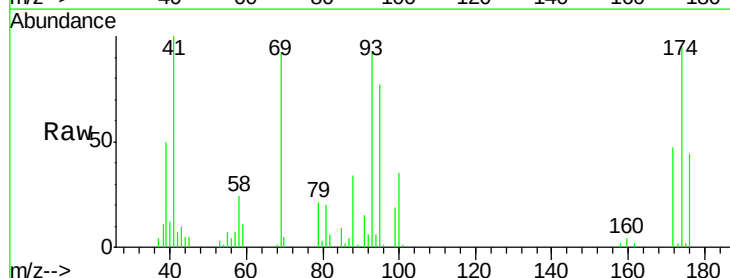
Manual Integrations
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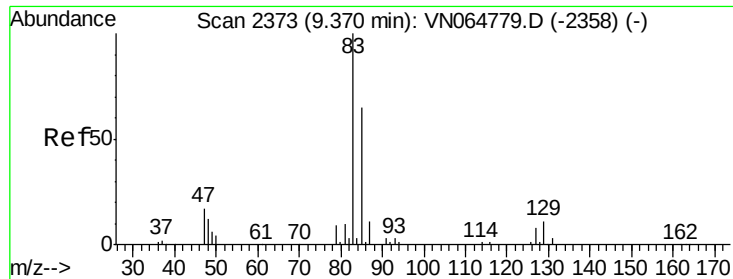
MMDadoda
 12/10/2020 9:55:46 AM



#46
 Dibromomethane
 Concen: 18.073 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064962.D
 Acq: 8 Dec 2020 12:13

Tgt Ion: 93 Resp: 26728
 Ion Ratio Lower Upper
 93 100
 95 87.2 68.8 103.2
 174 107.7 83.1 124.7





#47

Bromodichloromethane

Concen: 17.932 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064962.D

Acq: 8 Dec 2020 12:13

Instrument :

MSVOA_N

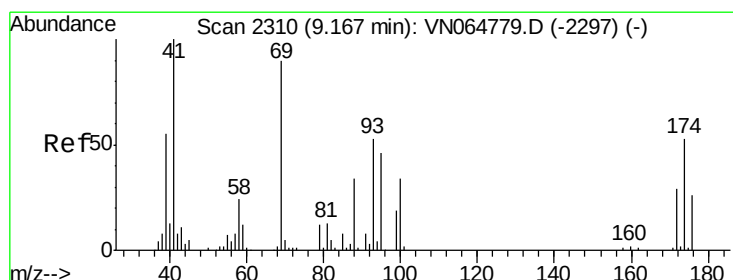
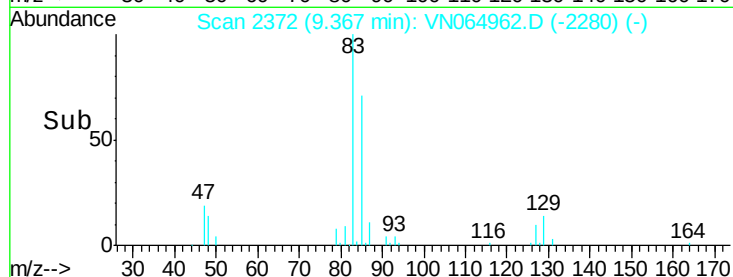
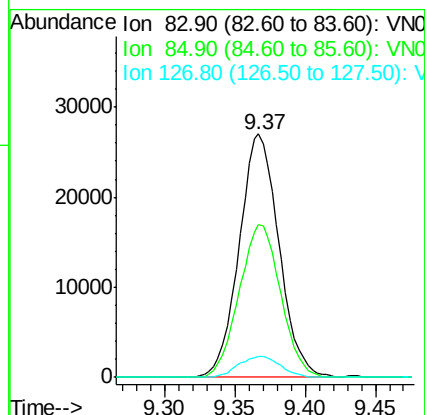
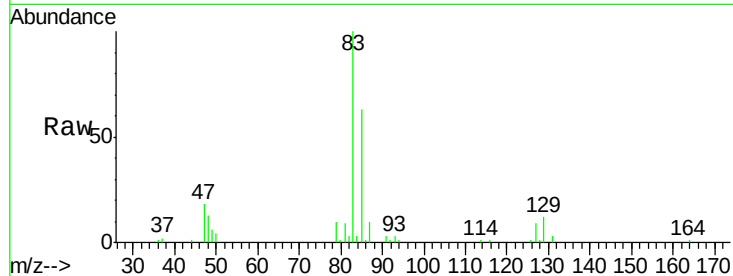
ClientSampleId :

VN1208WBSD01

Tot Ion:	83	Resp:	53362
Ion Ratio	Lower	Upper	
83	100		
85	62.8	51.8	77.8
127	8.7	6.8	10.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 17.115 ug/l

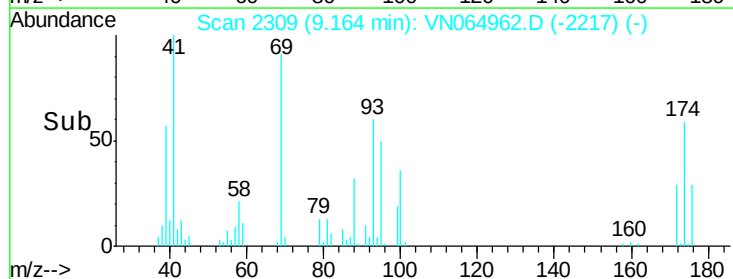
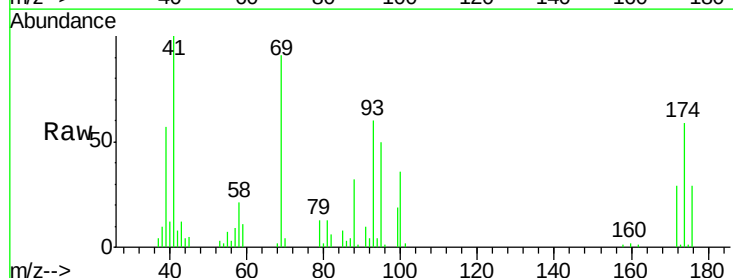
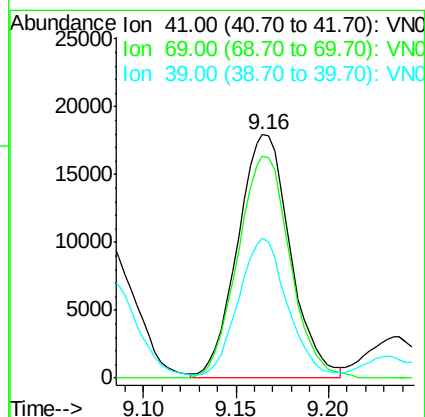
RT: 9.16 min Scan# 2309

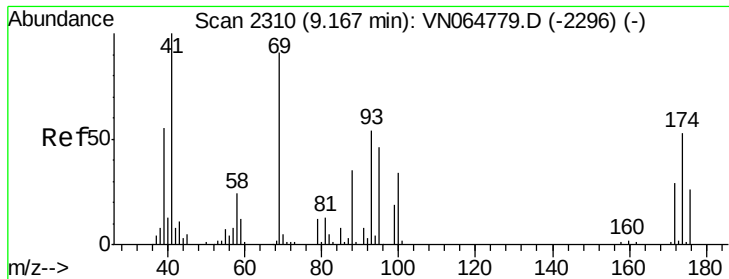
Delta R.T. -0.00 min

Lab File: VN064962.D

Acq: 8 Dec 2020 12:13

Tgt Ion:	41	Resp:	35361
Ion Ratio	Lower	Upper	
41	100		
69	90.4	71.8	107.8
39	54.1	44.1	66.1





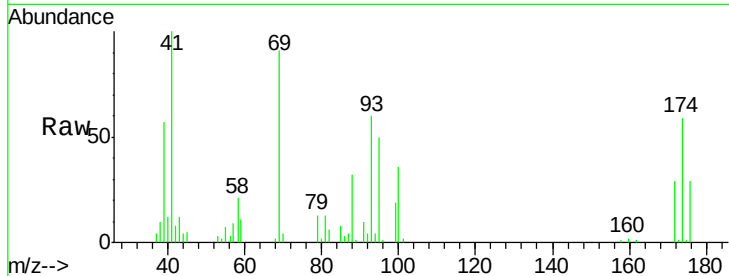
#49
1,4-Dioxane
Concen: 311.856 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD01

Tot Ion	88	Resp	12178
Ion	Ratio	Lower	Upper
88	100		
43	33.6	24.2	36.4
58	66.9	52.5	78.7

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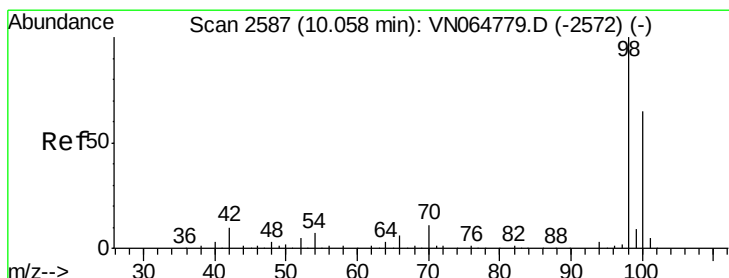
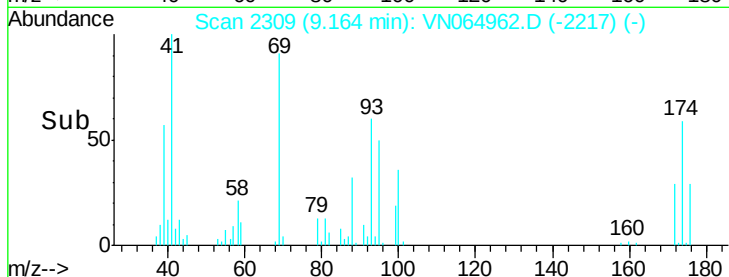
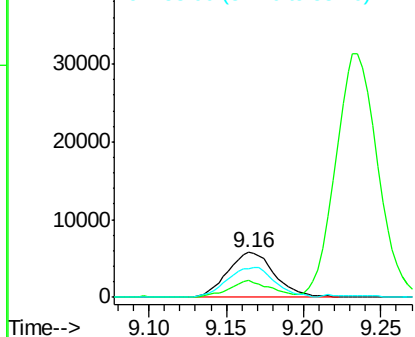


Abundance

Ion 88.00 (87.70 to 88.70): VN0

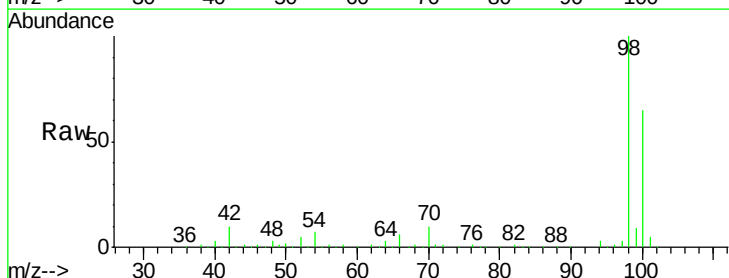
Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50
Toluene-d8
Concen: 49.285 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

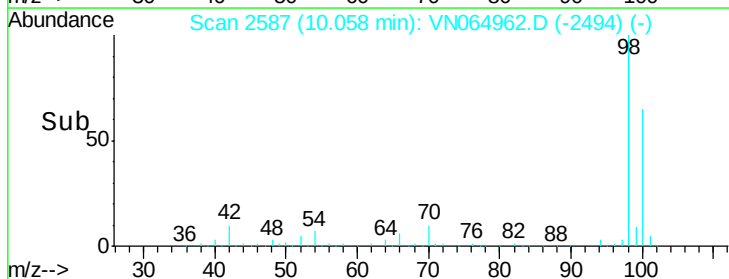
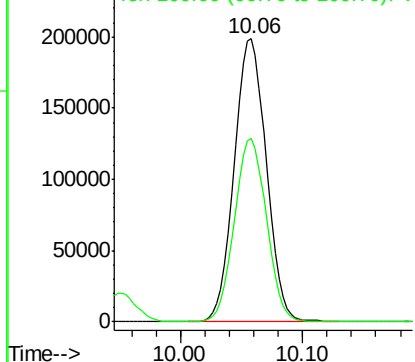
Tgt Ion	98	Resp	362646
Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.7	77.5

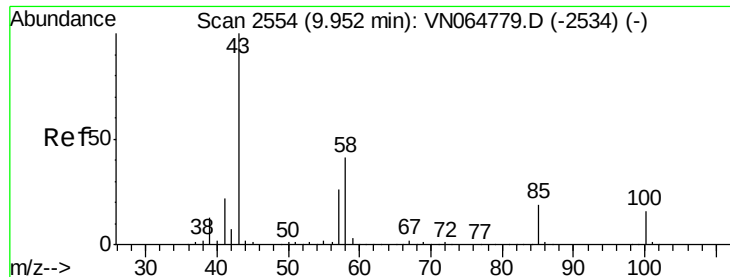


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 84.448 ug/l

RT: 9.95 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN064962.D

Acq: 8 Dec 2020 12:13

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBSD01

Tot Ion: 43 Resp: 219215

Ion Ratio Lower Upper

43 100

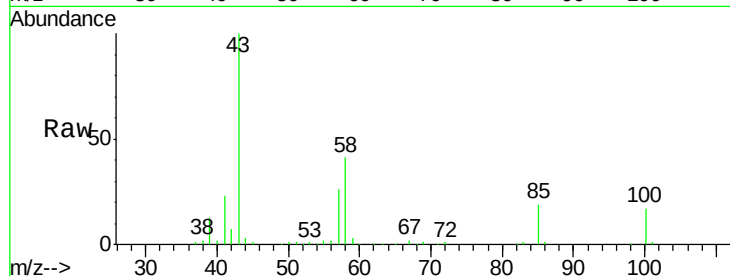
58 40.7 32.4 48.6

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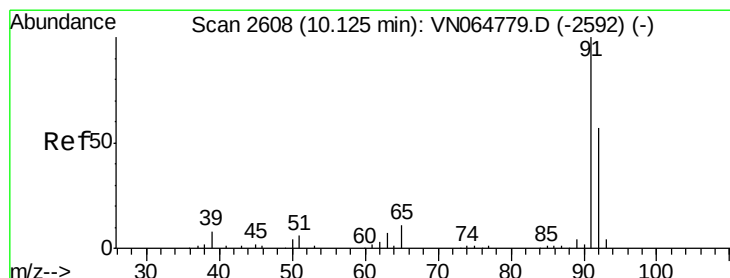
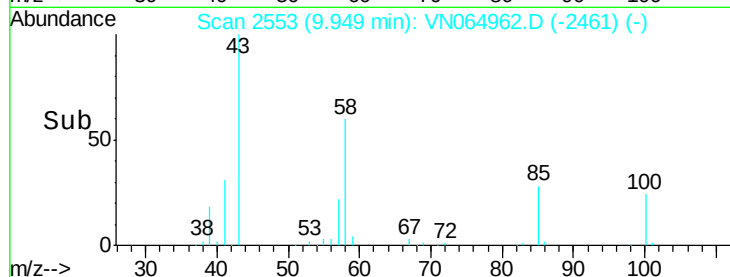
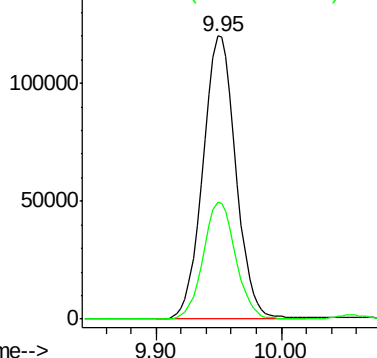
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 18.134 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064962.D

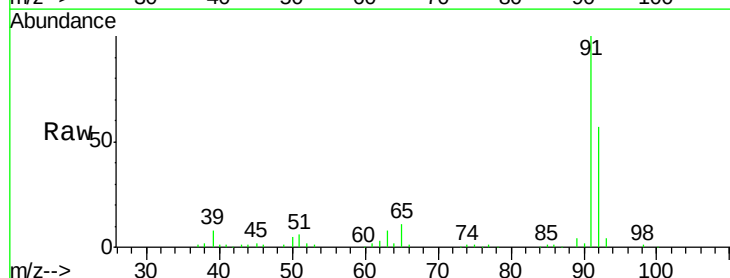
Acq: 8 Dec 2020 12:13

Tgt Ion: 92 Resp: 95466

Ion Ratio Lower Upper

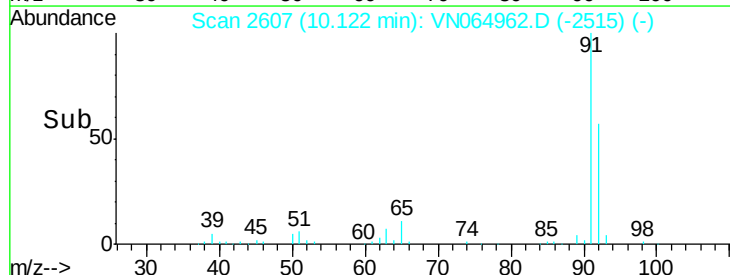
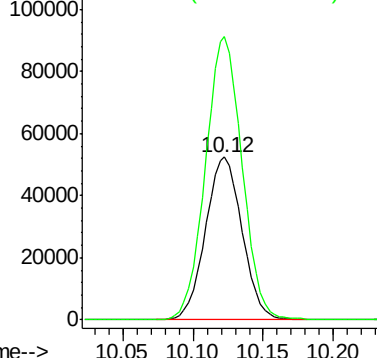
92 100

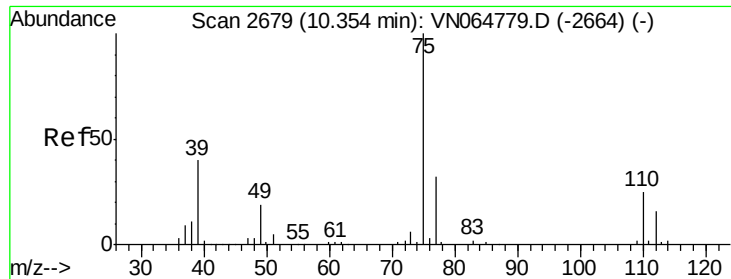
91 173.9 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





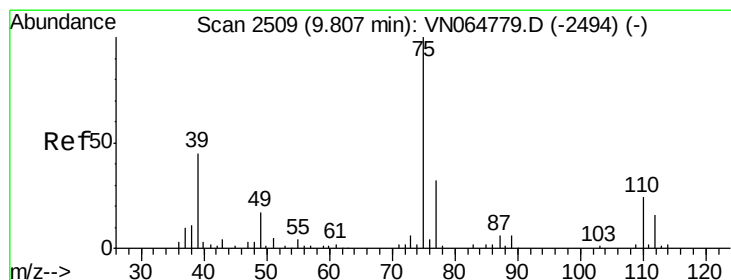
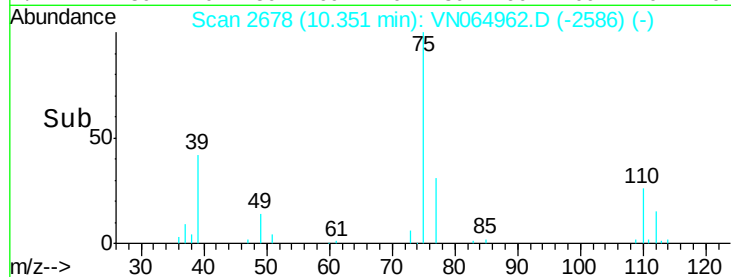
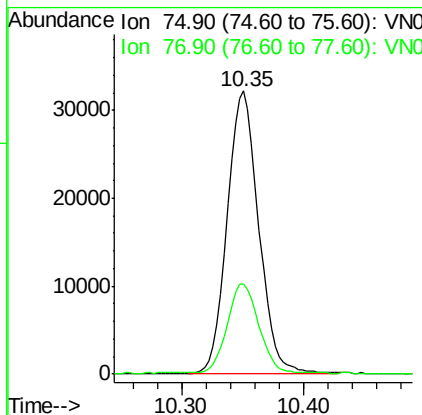
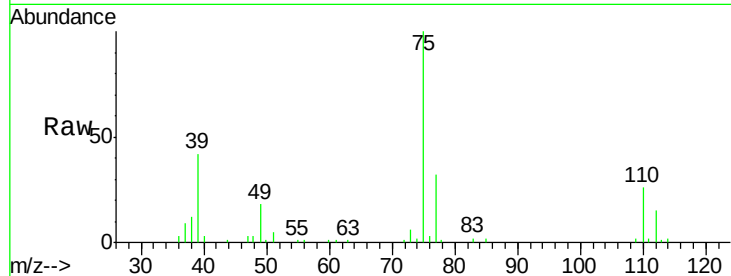
#53
t-1,3-Dichloropropene
Concen: 17.585 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD01

Tot Ion: 75 Resp: 58284
Ion Ratio Lower Upper
75 100
77 31.9 25.8 38.6

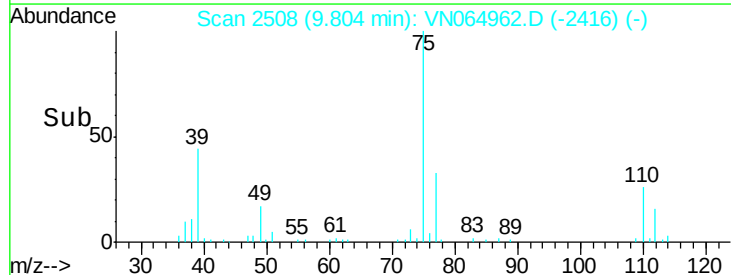
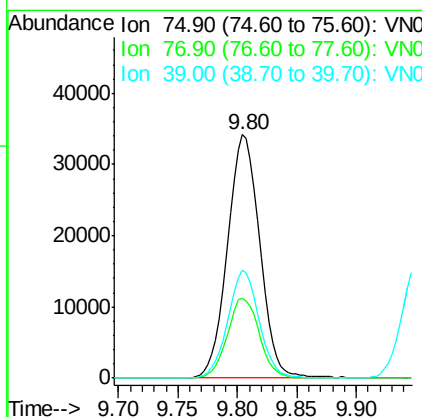
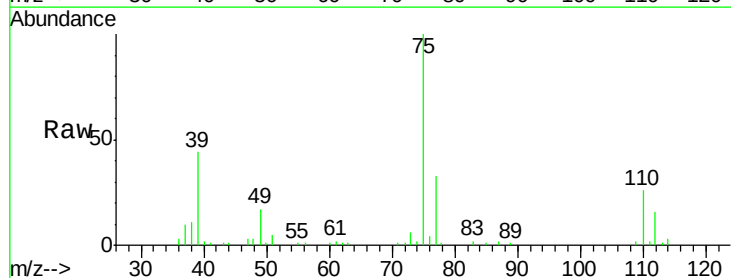
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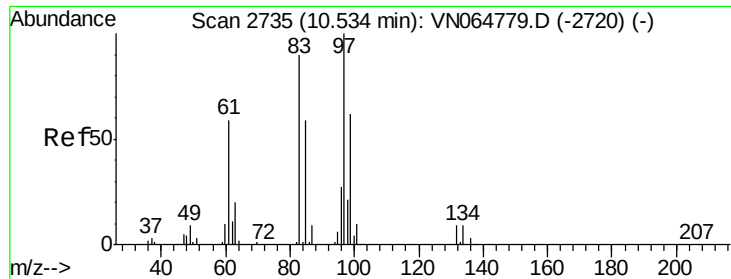
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#54
cis-1,3-Dichloropropene
Concen: 18.113 ug/l
RT: 9.80 min Scan# 2508
Delta R.T. -0.00 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

Tgt Ion: 75 Resp: 64347
Ion Ratio Lower Upper
75 100
77 32.8 25.5 38.3
39 44.3 35.6 53.4





#55

1,1,2-Trichloroethane

Concen: 18.562 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN064962.D

Acq: 8 Dec 2020 12:13

Instrument :

MSVOA_N

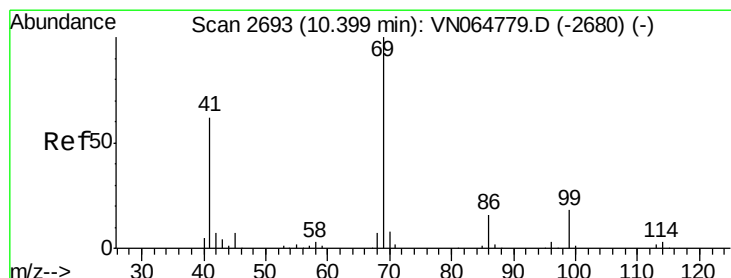
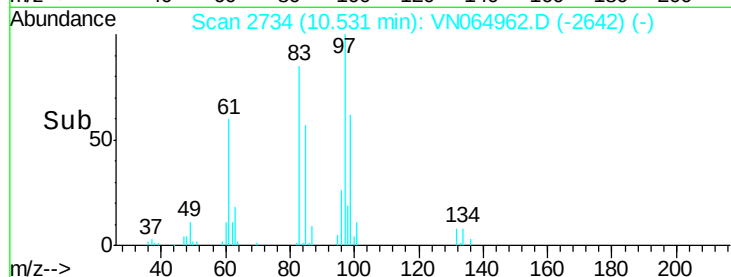
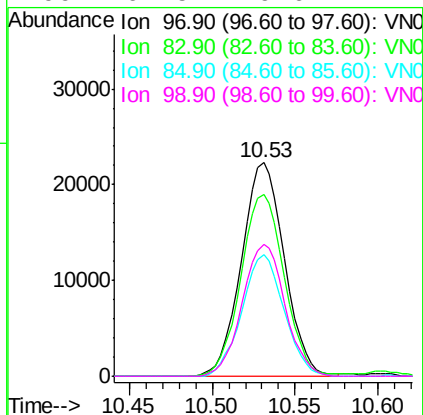
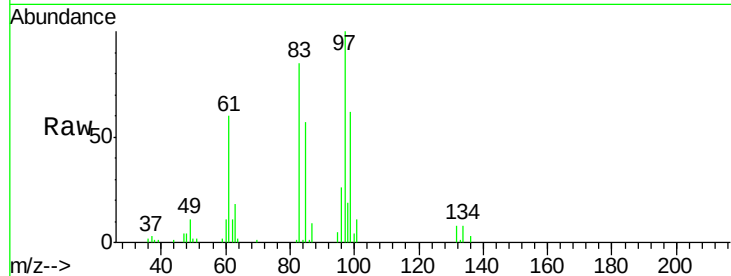
ClientSampleId :

VN1208WBSD01

Tot Ion:	97	Resp:	40182
Ion	Ratio	Lower	Upper
97	100		
83	84.9	72.1	108.1
85	56.7	46.8	70.2
99	61.5	49.6	74.4

Manual Integrations
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#56

Ethyl methacrylate

Concen: 17.601 ug/l

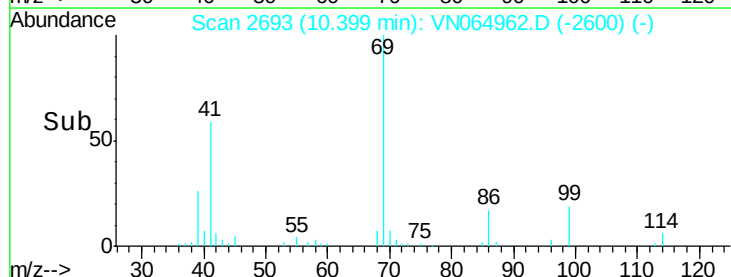
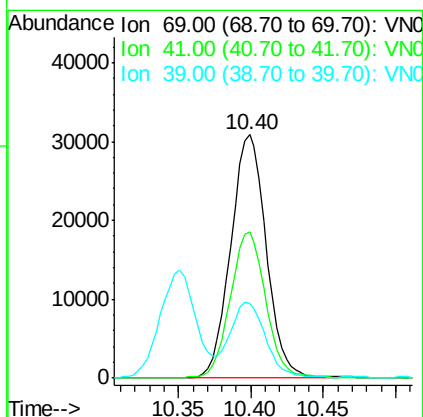
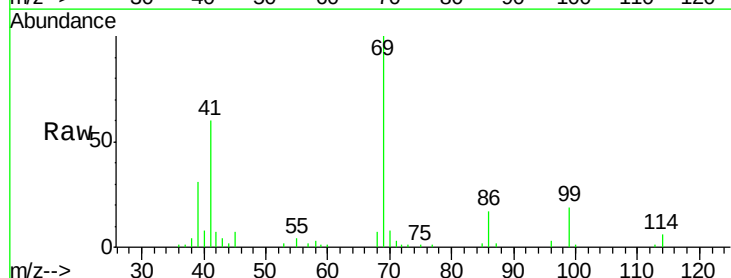
RT: 10.40 min Scan# 2693

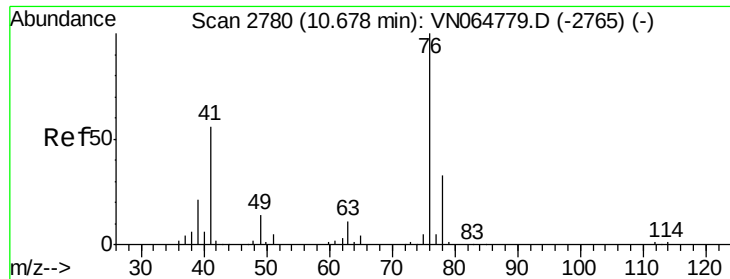
Delta R.T. 0.00 min

Lab File: VN064962.D

Acq: 8 Dec 2020 12:13

Tgt Ion:	69	Resp:	52578
Ion	Ratio	Lower	Upper
69	100		
41	60.1	49.4	74.0
39	29.8	25.9	38.9





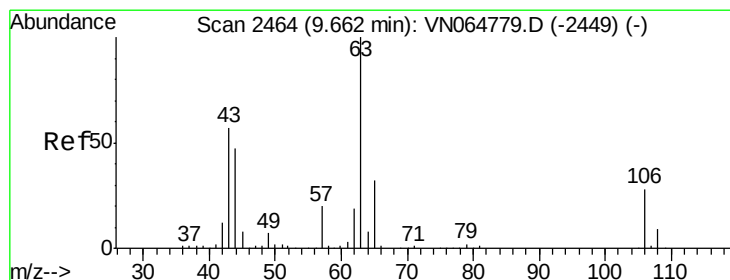
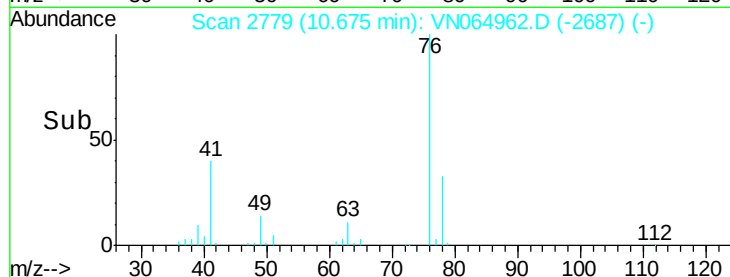
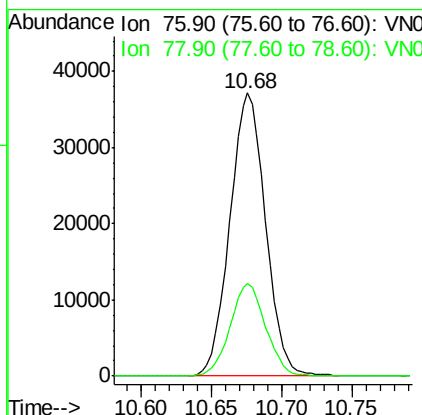
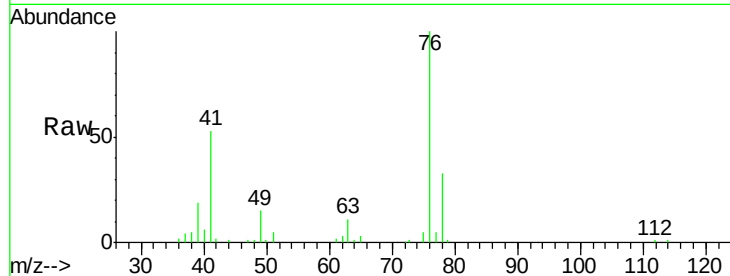
#57
 1,3-Dichloropropane
 Concen: 18.411 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN064962.D
 Acq: 8 Dec 2020 12:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBSD01

Tot Ion: 76 Resp: 65743
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.1 39.1

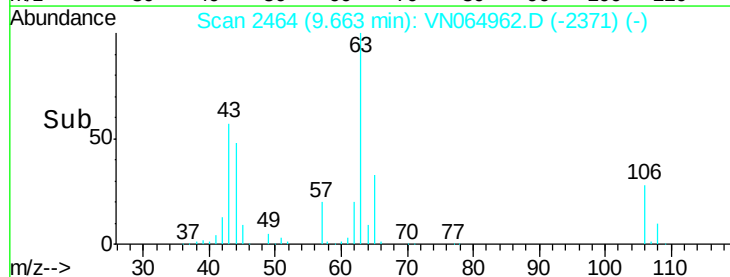
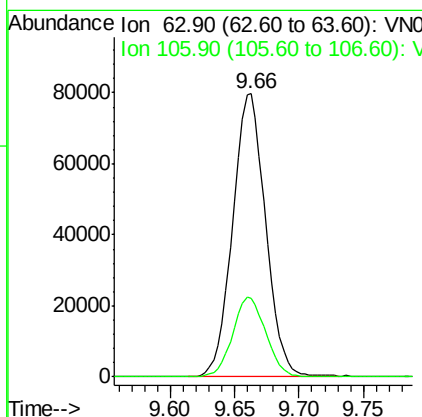
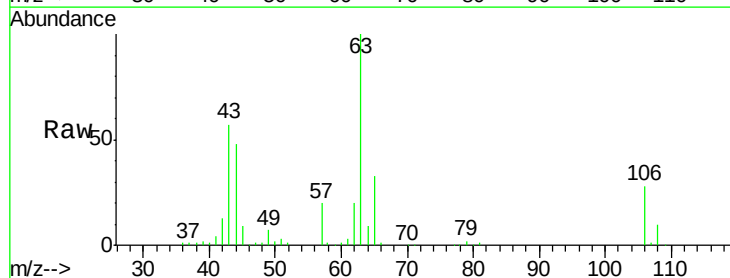
Manual Integrations
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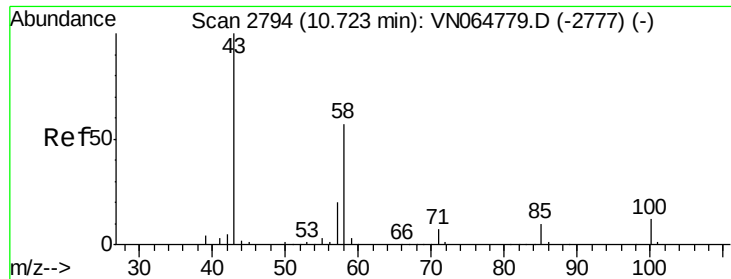
MMDadoda
 12/10/2020 9:55:46 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 86.419 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064962.D
 Acq: 8 Dec 2020 12:13

Tgt Ion: 63 Resp: 142006
 Ion Ratio Lower Upper
 63 100
 106 28.2 22.7 34.1





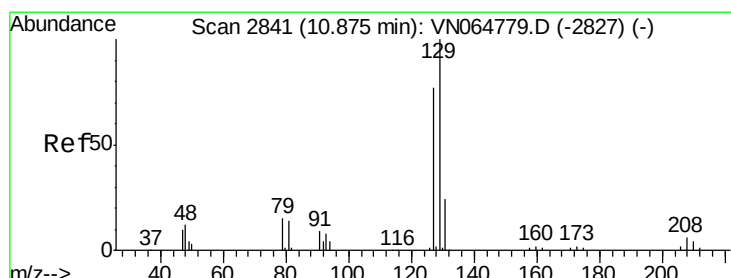
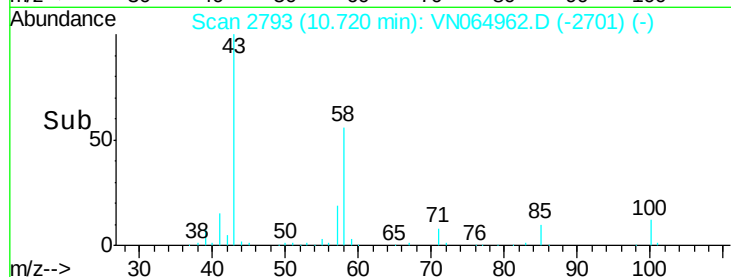
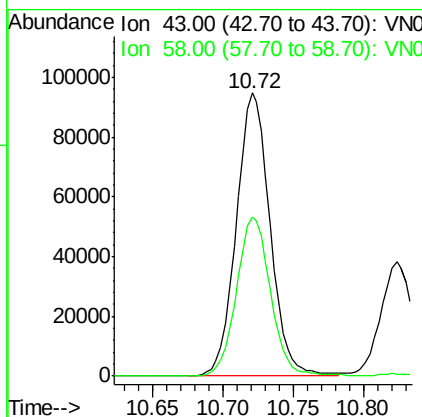
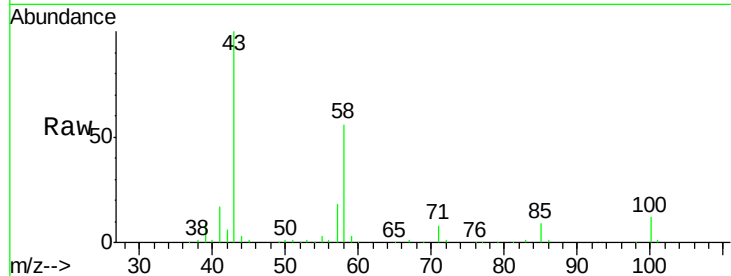
#59
2-Hexanone
Concen: 85.266 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD01

Tot Ion: 43 Resp: 159294
Ion Ratio Lower Upper
43 100
58 56.7 28.3 84.9

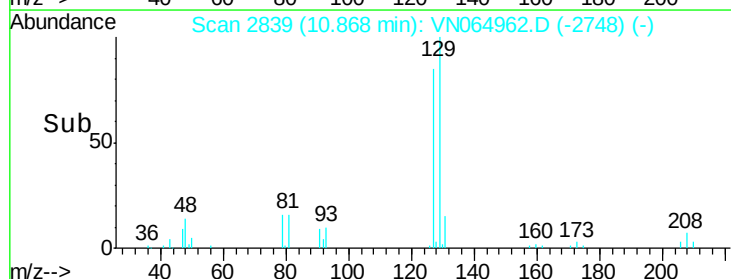
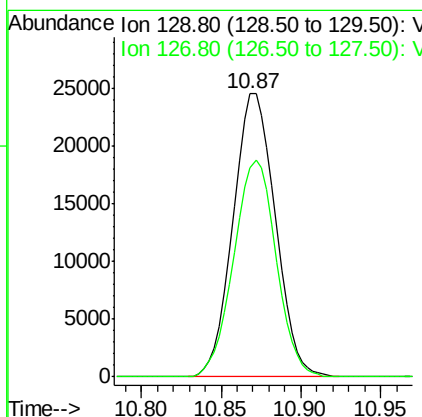
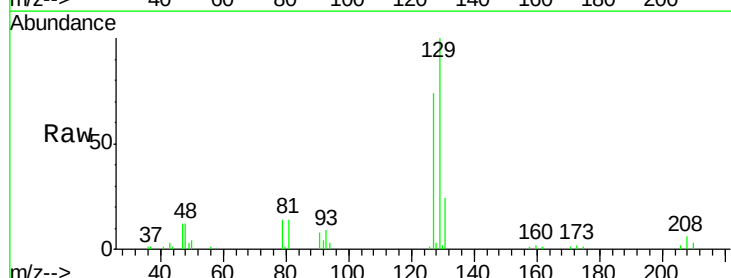
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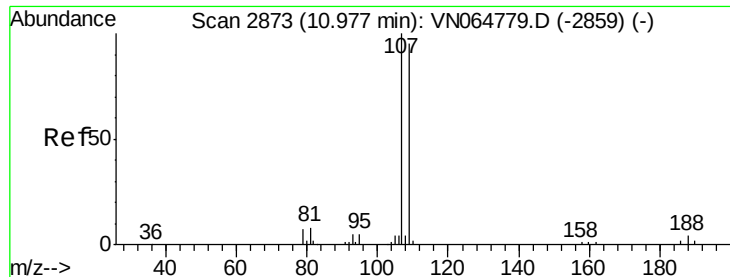
MMDadoda
12/10/2020 9:55:46 AM



#60
Dibromochloromethane
Concen: 18.353 ug/l
RT: 10.87 min Scan# 2839
Delta R.T. -0.01 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

Tgt Ion: 129 Resp: 44163
Ion Ratio Lower Upper
129 100
127 76.9 39.1 117.2





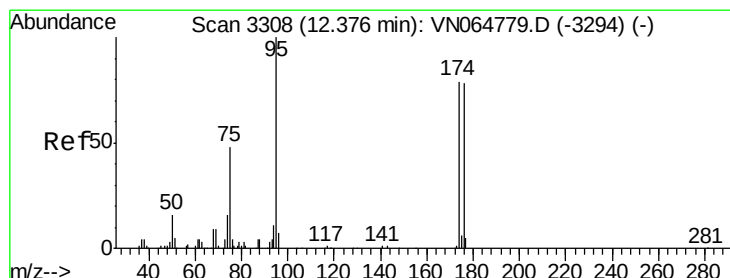
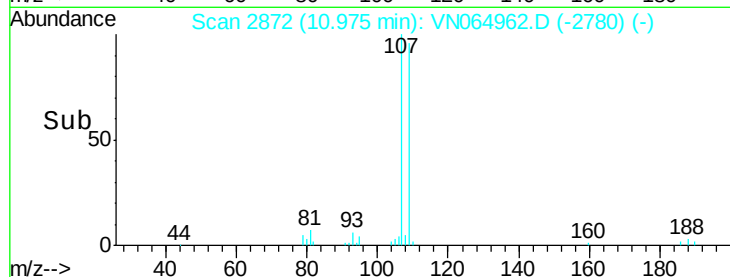
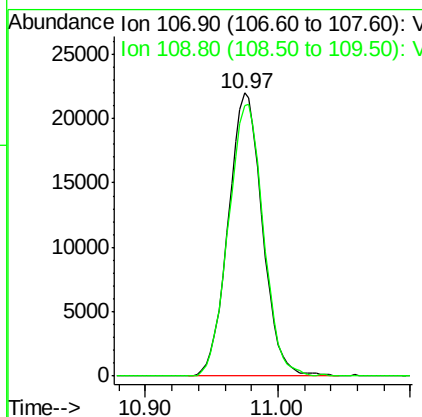
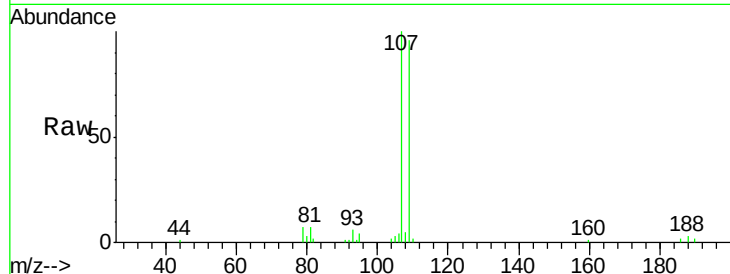
#61
 1,2-Dibromoethane
 Concen: 17.875 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN064962.D
 Acq: 8 Dec 2020 12:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBSD01

Tot Ion: 107 Resp: 39314
 Ion Ratio Lower Upper
 107 100
 109 97.9 76.0 114.0

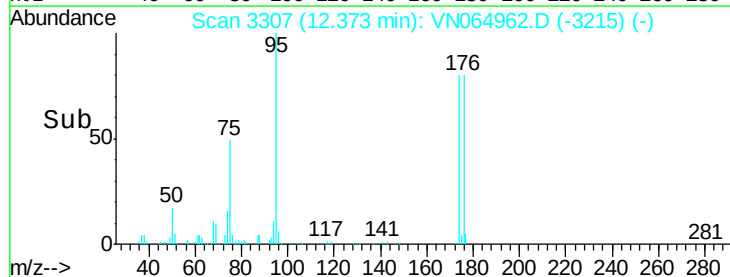
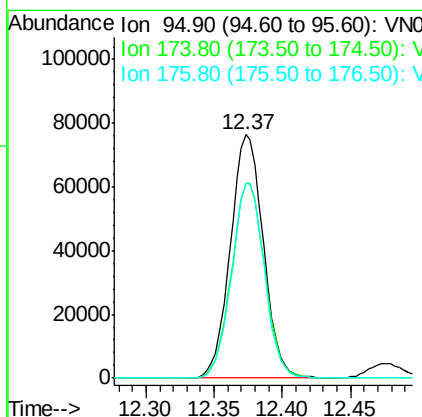
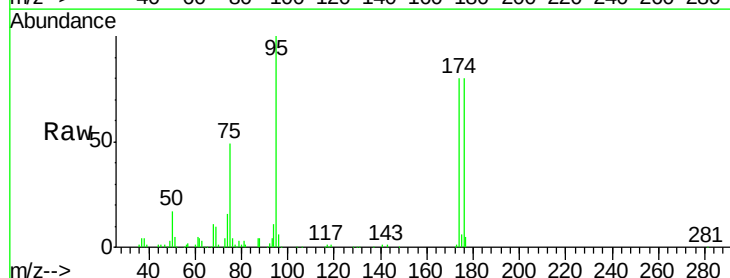
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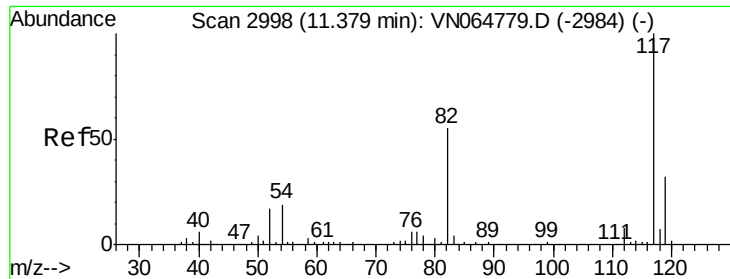
MMDadoda
 12/10/2020 9:55:46 AM



#62
 4-Bromofluorobenzene
 Concen: 48.628 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN064962.D
 Acq: 8 Dec 2020 12:13

Tgt Ion: 95 Resp: 128053
 Ion Ratio Lower Upper
 95 100
 174 81.2 0.0 160.4
 176 79.1 0.0 158.4





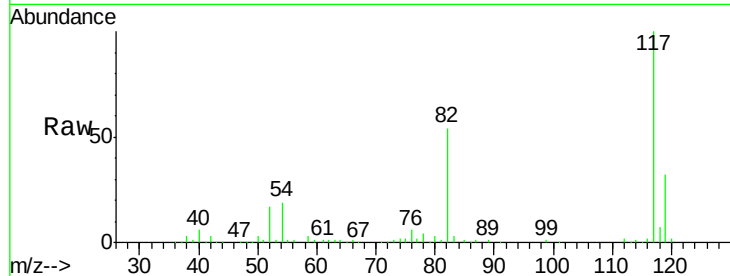
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	44.2	66.2
119	31.9	25.8	38.6

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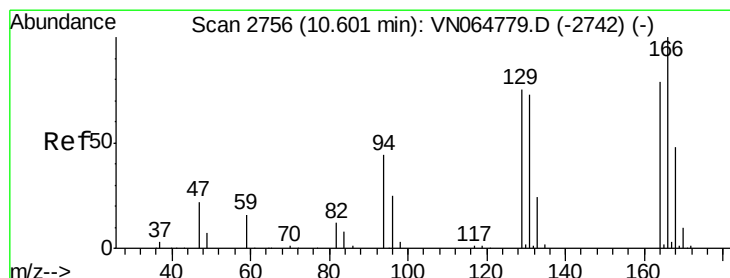
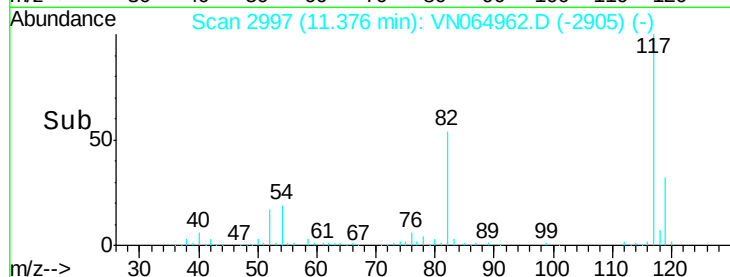
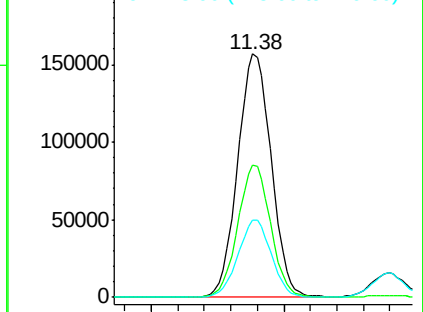


Abundance

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: 16.325 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.8	101.4	152.0
129	93.1	76.1	114.1
131	91.6	74.2	111.2

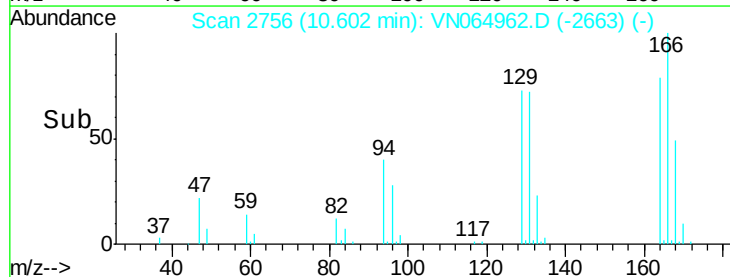
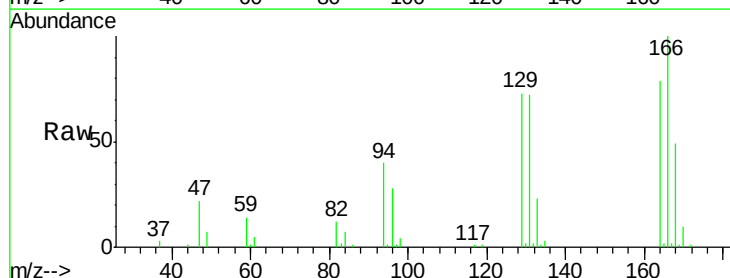
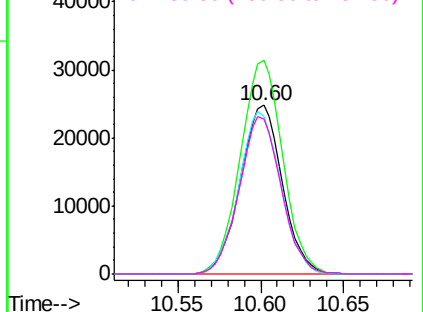
Abundance

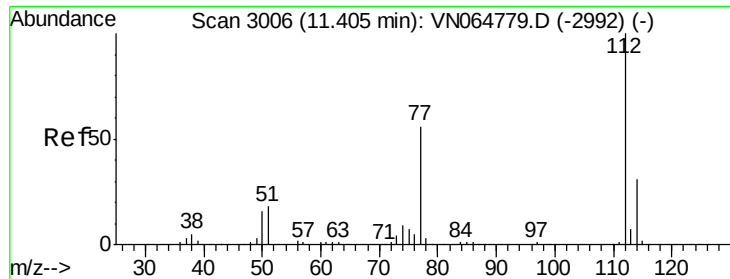
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





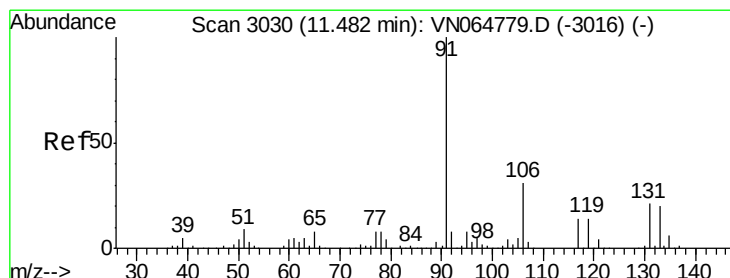
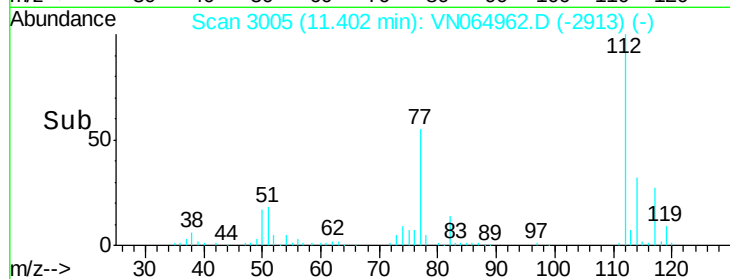
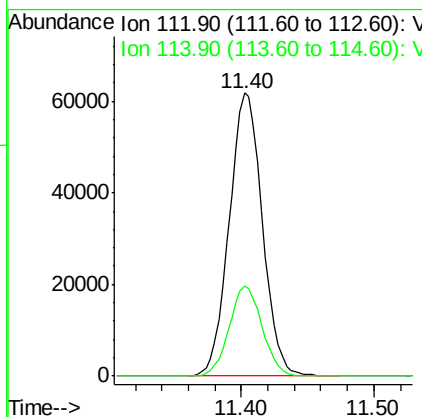
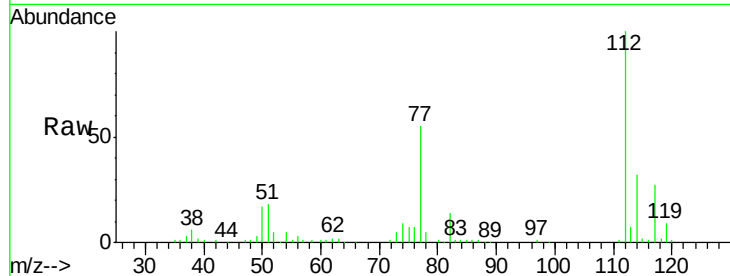
#65
Chlorobenzene
Concen: 18.048 ug/l
RT: 11.40 min Scan# 3005
Delta R.T. -0.00 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD01

Tot Ion:112 Resp: 107034
Ion Ratio Lower Upper
112 100
114 31.7 25.1 37.7

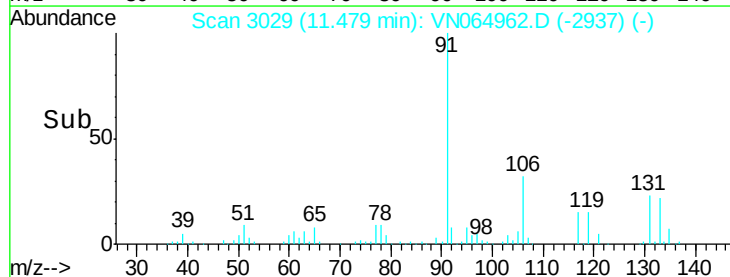
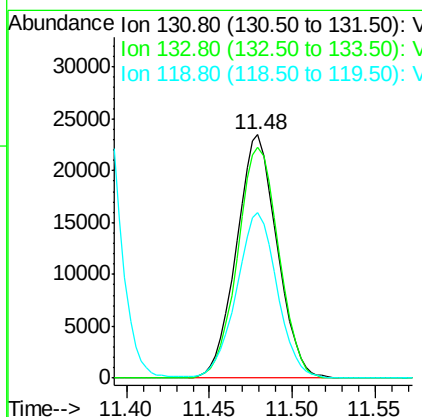
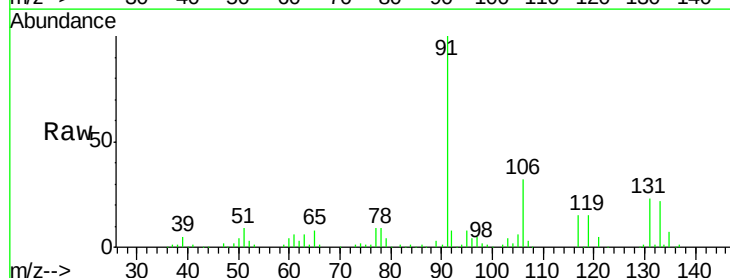
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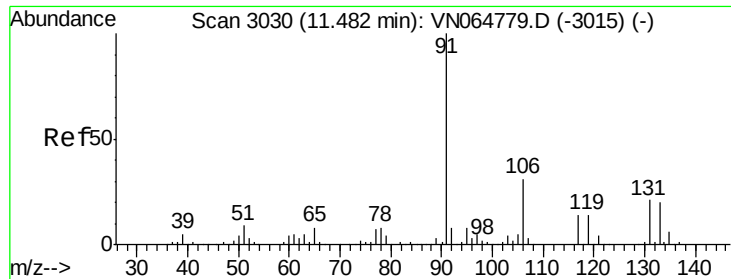
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.329 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

Tgt Ion:131 Resp: 39946
Ion Ratio Lower Upper
131 100
133 96.2 47.5 142.5
119 68.1 33.3 99.8





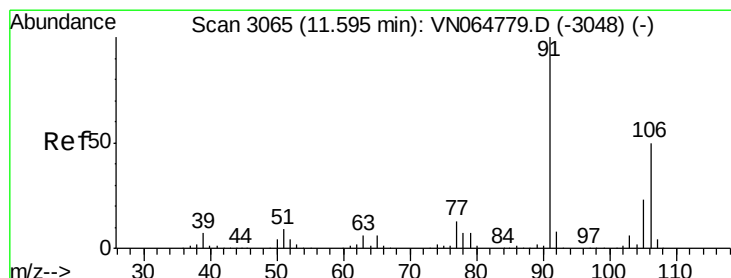
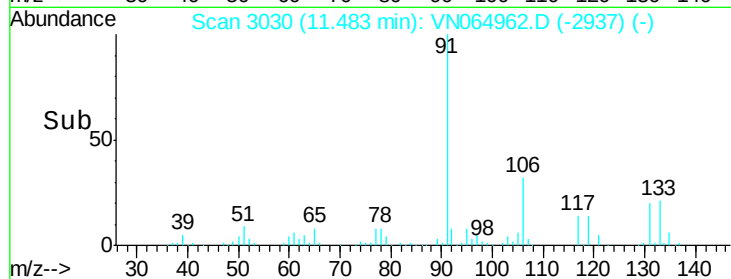
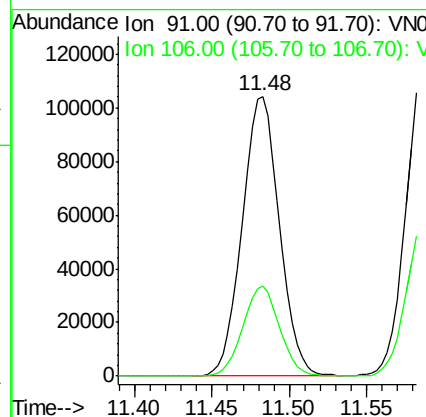
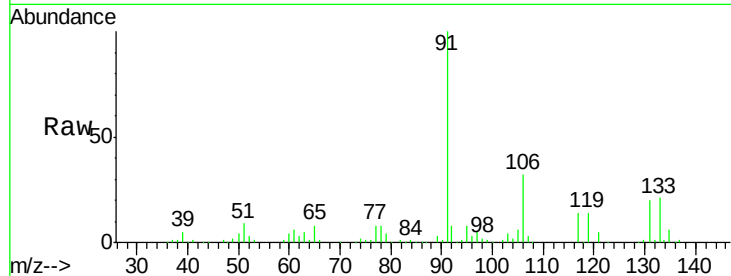
#67
Ethyl Benzene
Concen: 17.601 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD01

Tot Ion: 91 Resp: 174377
Ion Ratio Lower Upper
91 100
106 32.1 25.2 37.8

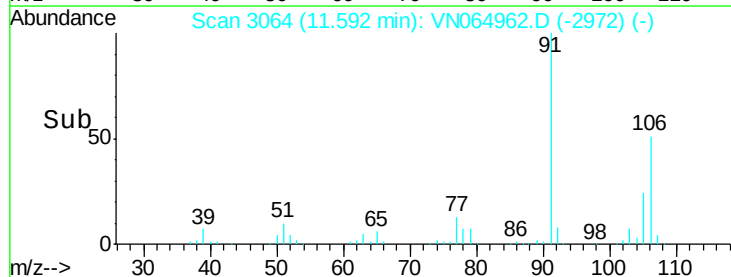
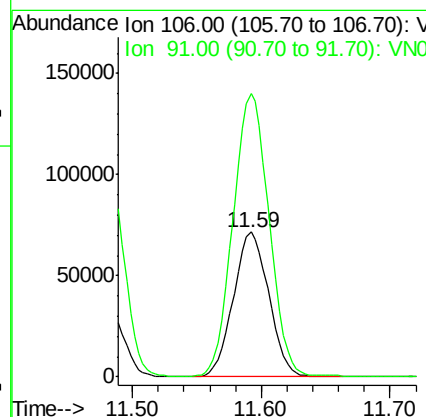
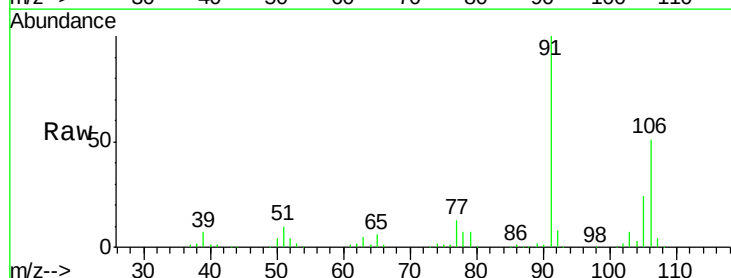
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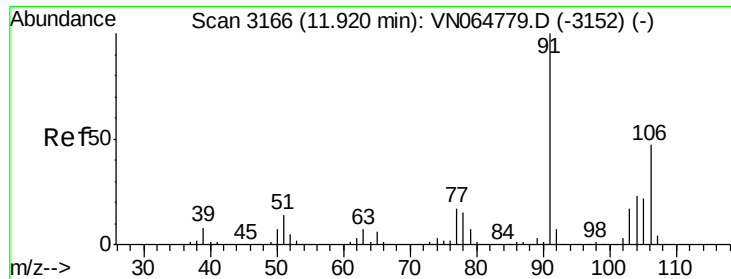
MMDadoda
12/10/2020 9:55:46 AM



#68
m/p-Xylenes
Concen: 36.469 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

Tgt Ion: 106 Resp: 136793
Ion Ratio Lower Upper
106 100
91 199.3 161.0 241.4





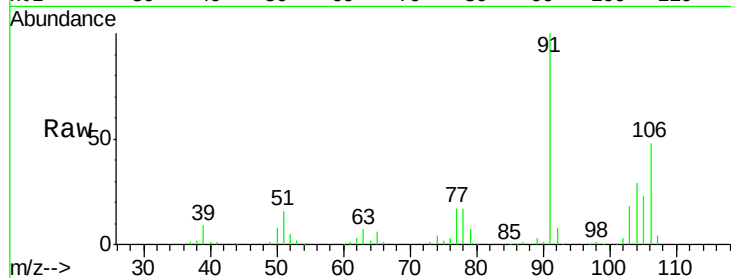
#69
o-Xylene
Concen: 18.188 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD01

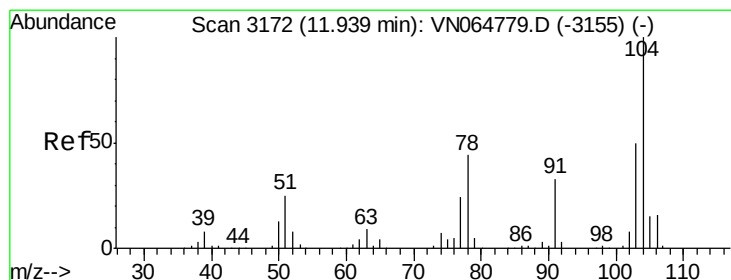
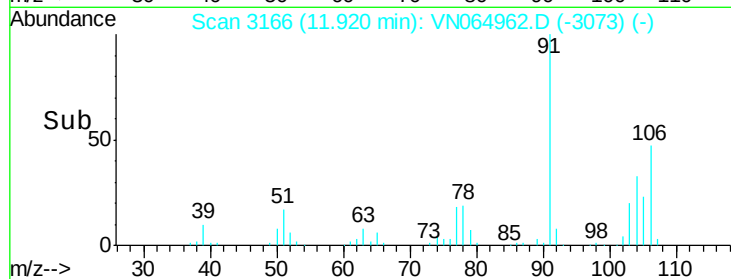
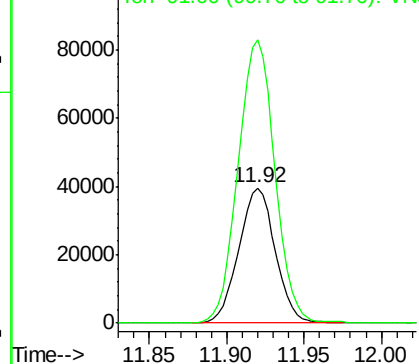
Tot Ion:106 Resp: 64739
Ion Ratio Lower Upper
106 100
91 211.9 105.5 316.5

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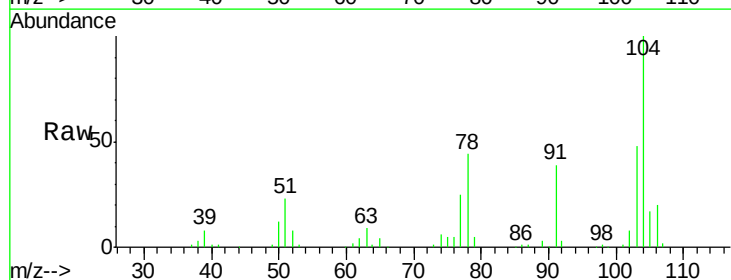


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

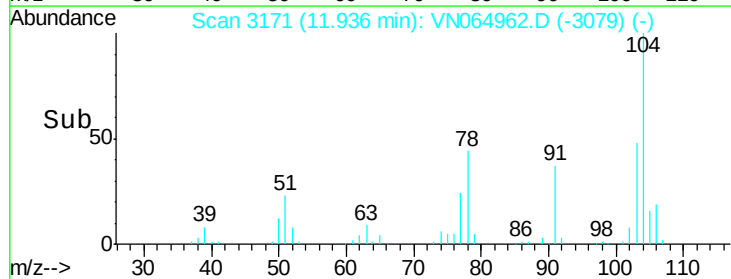
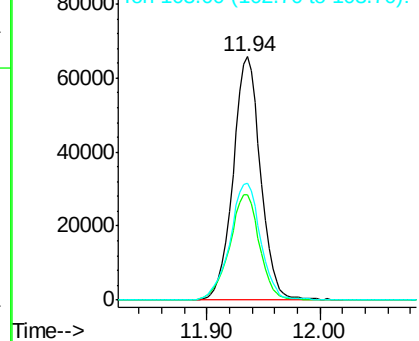


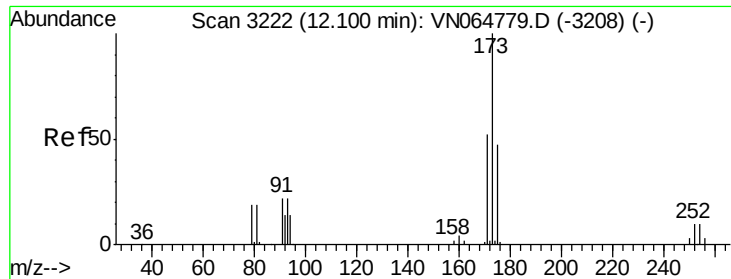
#70
Styrene
Concen: 18.469 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

Tgt Ion:104 Resp: 110979
Ion Ratio Lower Upper
104 100
78 47.2 39.0 58.6
103 53.6 44.3 66.5



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





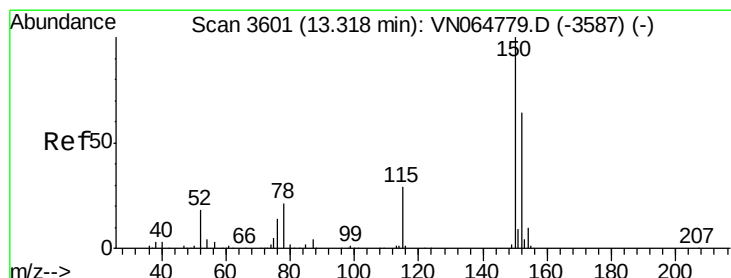
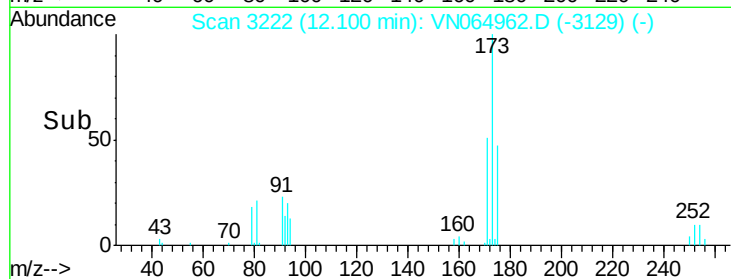
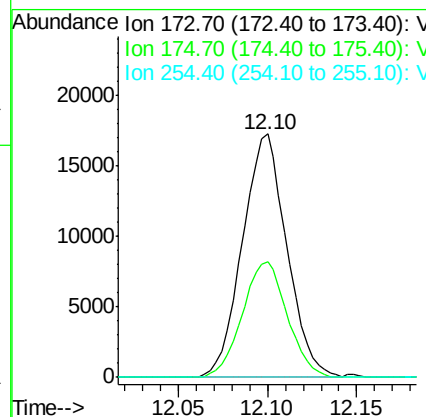
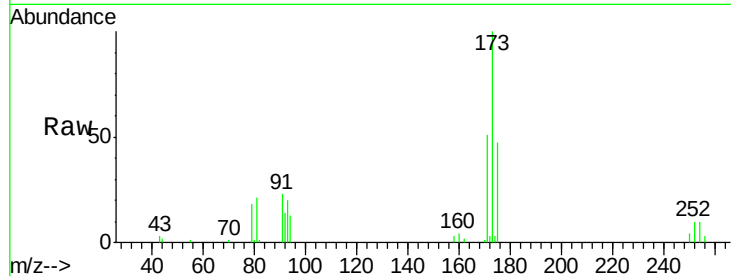
#71
Bromoform
Concen: 17.207 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.3	72.8
254	0.0	0.0	0.0

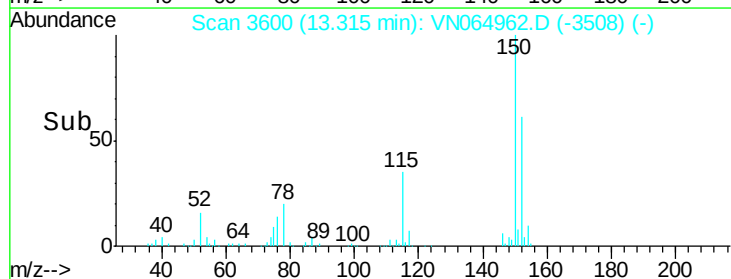
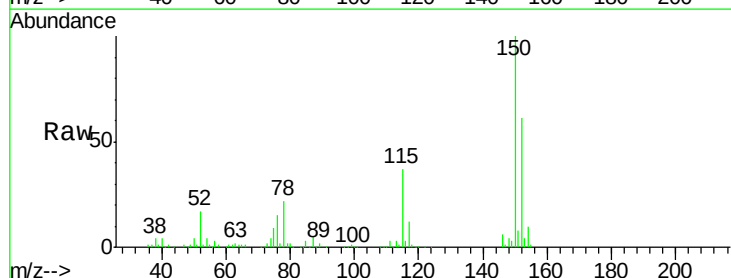
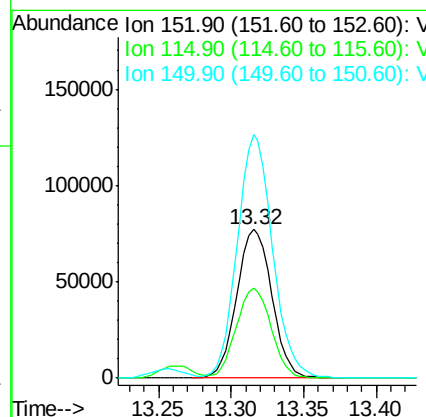
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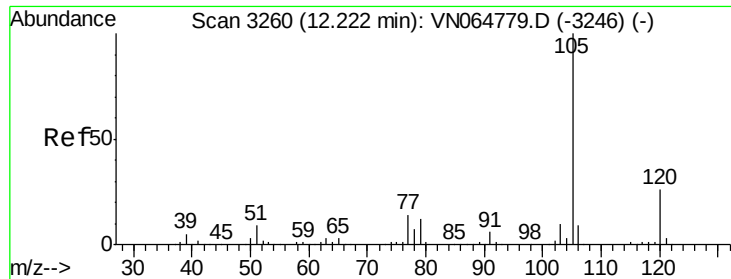
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.1	29.7	89.1
150	163.9	0.0	350.6





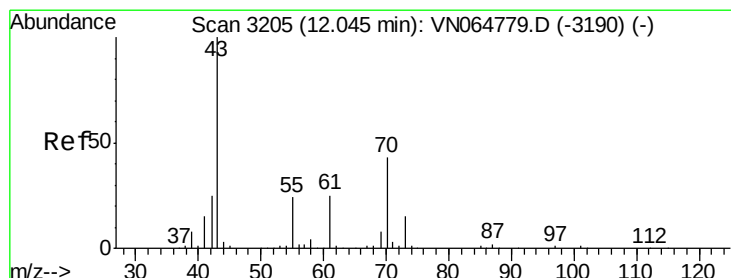
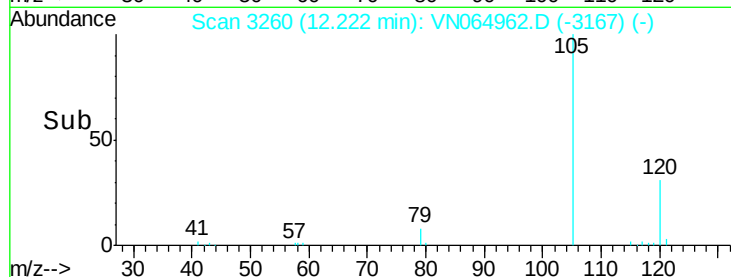
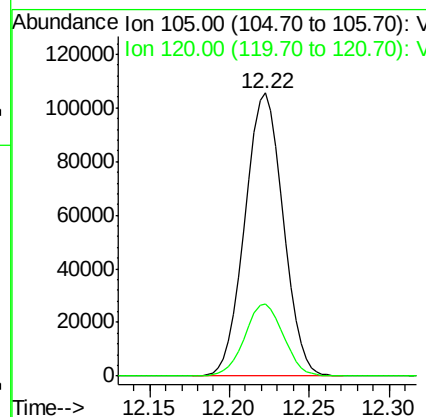
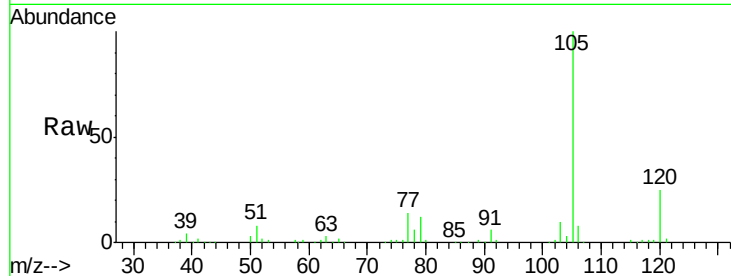
#73
Isopropylbenzene
Concen: 19.003 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.9	13.3	39.9

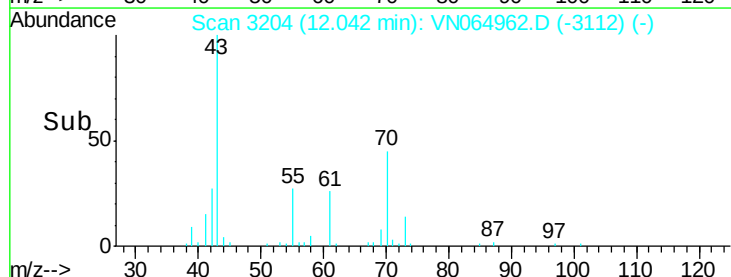
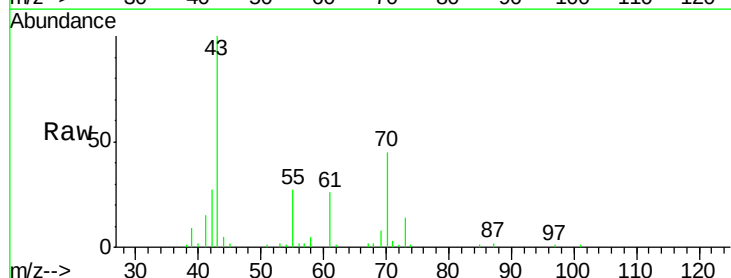
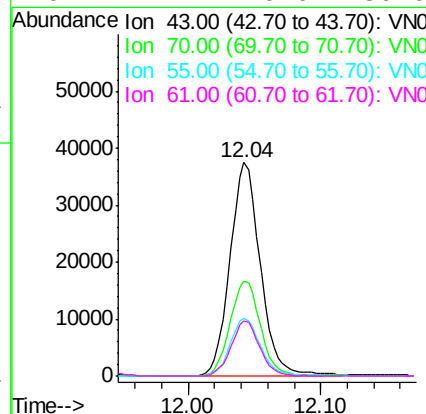
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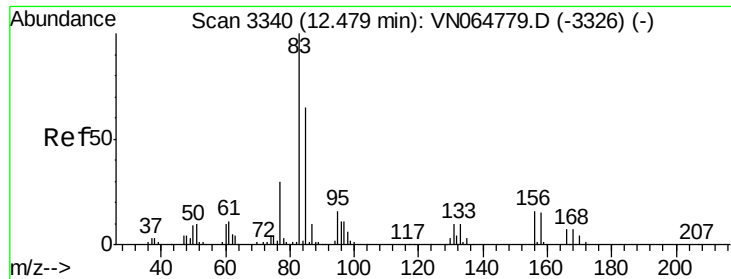
MMDadoda
12/10/2020 9:55:46 AM



#74
N-ethyl acetate
Concen: 16.777 ug/l
RT: 12.04 min Scan# 3204
Delta R.T. -0.00 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

Tgt Ion	Ratio	Lower	Upper
43	100		
70	44.3	34.5	51.7
55	26.9	20.4	30.6
61	24.1	20.0	30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.423 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064962.D

Acq: 8 Dec 2020 12:13

Instrument :

MSVOA_N

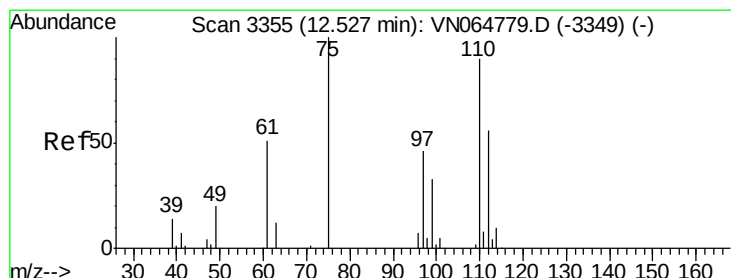
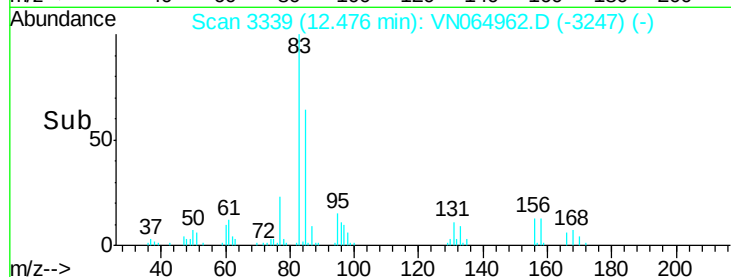
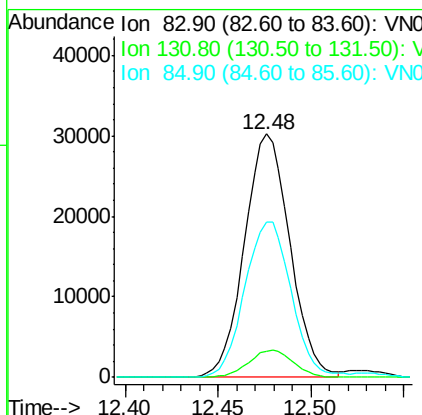
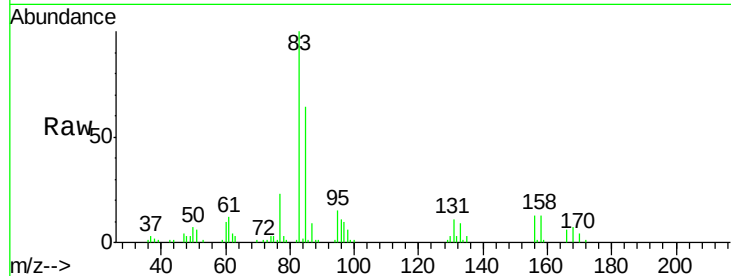
ClientSampleId :

VN1208WBSD01

Tot Ion:	83	Resp:	51530
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.1	15.3
85	65.2	33.0	99.0

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12/10/2020 9:55:46 AM



#76

1,2,3-Trichloropropane

Concen: 17.753 ug/l m

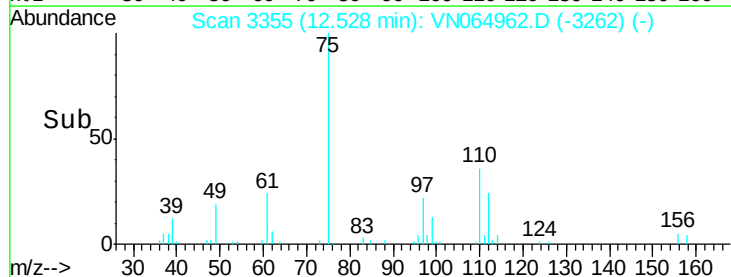
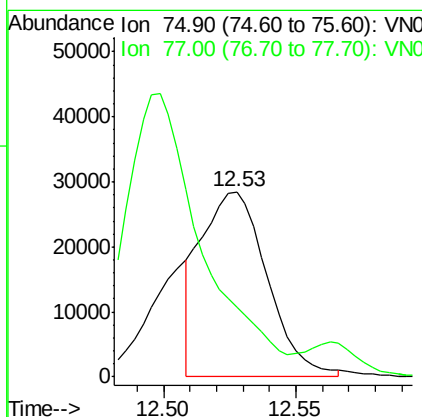
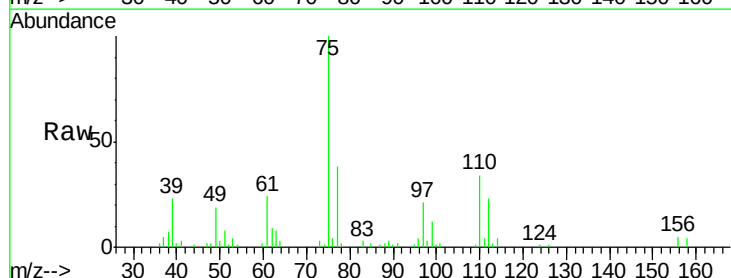
RT: 12.53 min Scan# 3355

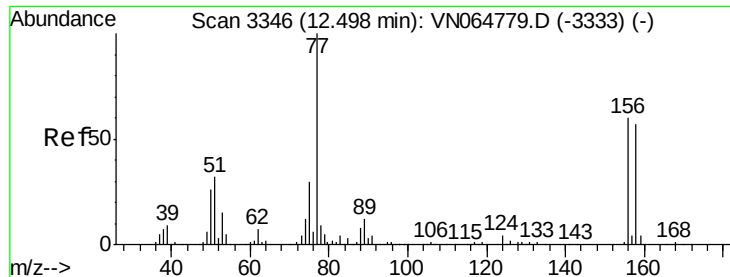
Delta R.T. 0.00 min

Lab File: VN064962.D

Acq: 8 Dec 2020 12:13

Tgt Ion:	75	Resp:	49751
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 18.595 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064962.D

Acq: 8 Dec 2020 12:13

Instrument :

MSVOA_N

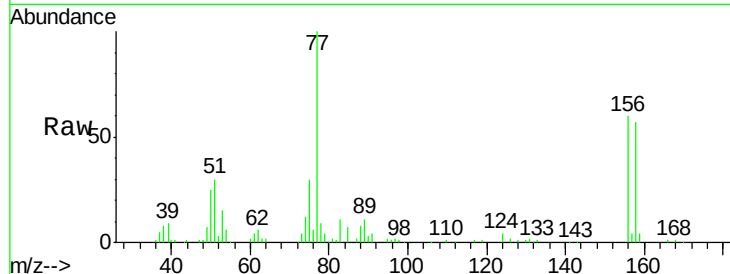
ClientSampleId :

VN1208WBSD01

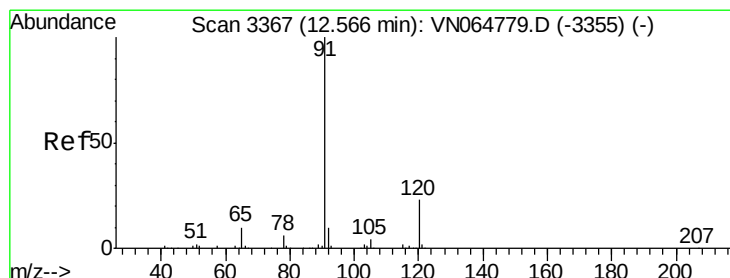
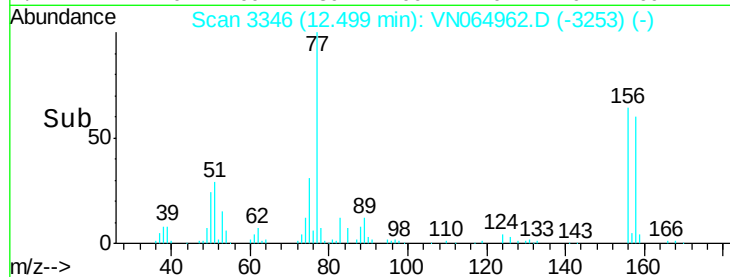
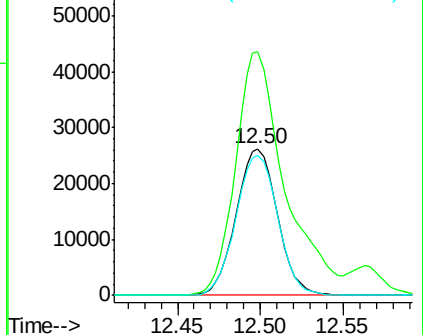
Tot Ion:	156	Resp:	45377
Ion	Ratio	Lower	Upper
156	100		
77	198.2	101.3	303.7
158	97.0	48.2	144.6

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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.474 ug/l

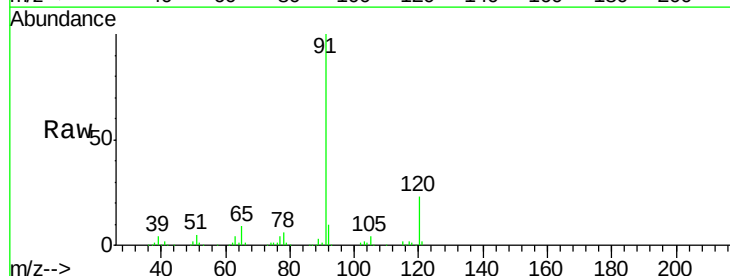
RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

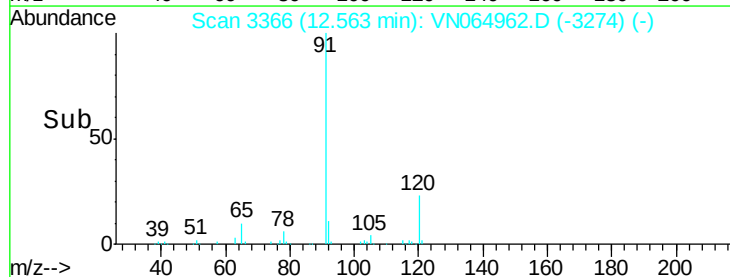
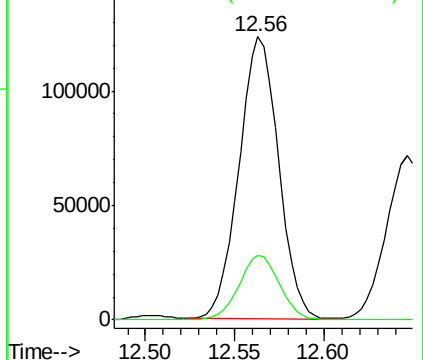
Lab File: VN064962.D

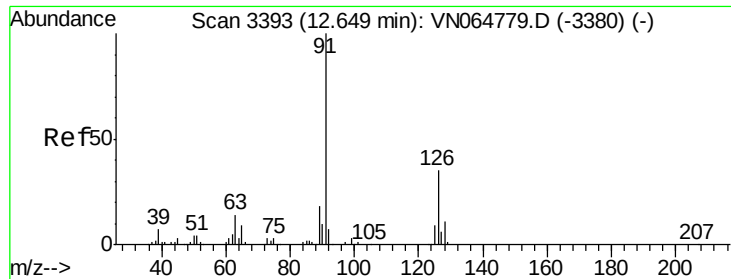
Acq: 8 Dec 2020 12:13

Tgt Ion:	91	Resp:	190491
Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.6	34.7



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 120.00 (119.70 to 120.70): V





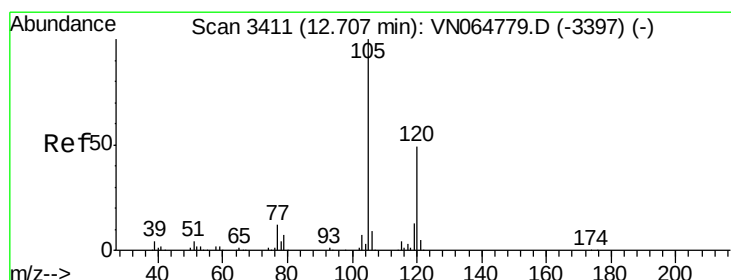
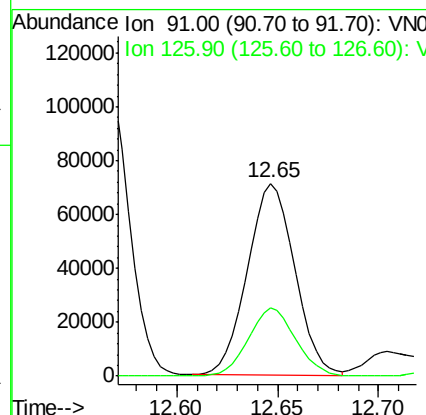
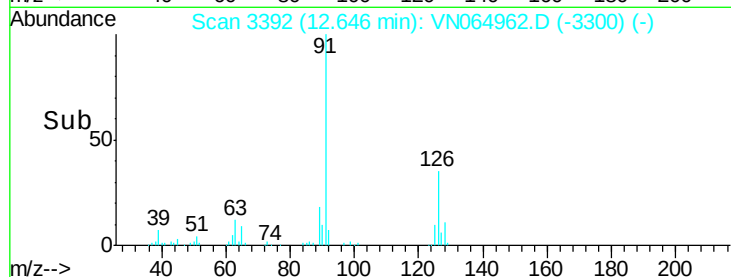
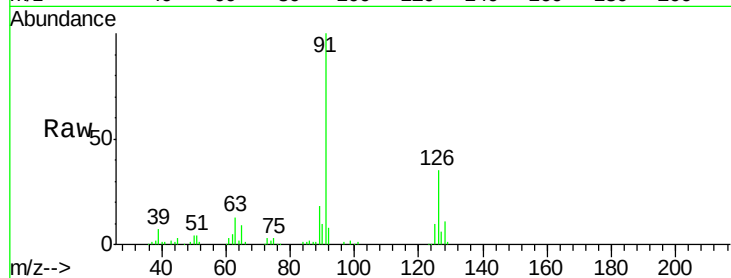
#79
 2-Chlorotoluene
 Concen: 18.347 ug/l
 RT: 12.65 min Scan# 3392
 Delta R.T. -0.00 min
 Lab File: VN064962.D
 Acq: 8 Dec 2020 12:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBSD01

Tot Ion: 91 Resp: 116941
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.2 51.6

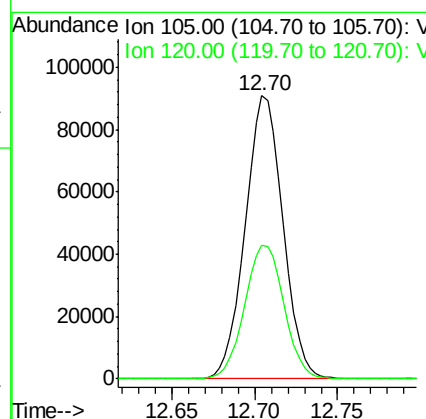
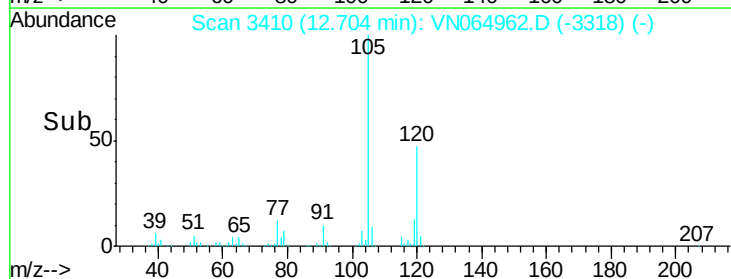
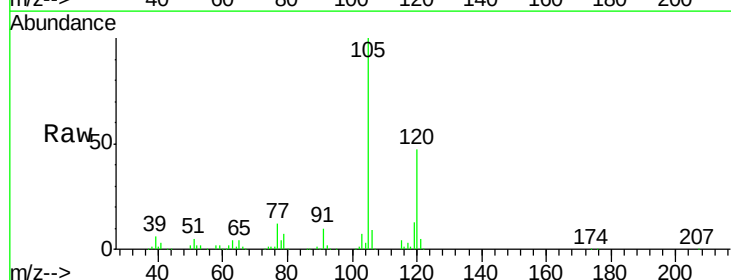
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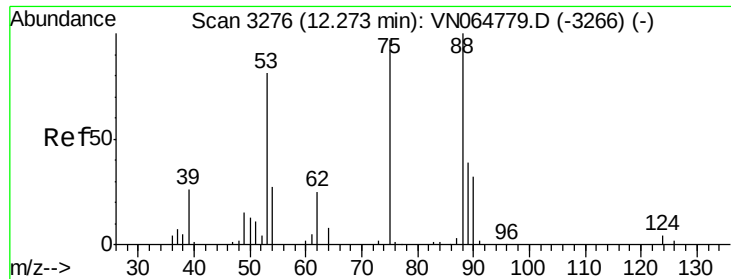
MMDadoda
 12/10/2020 9:55:46 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 19.101 ug/l
 RT: 12.70 min Scan# 3410
 Delta R.T. -0.00 min
 Lab File: VN064962.D
 Acq: 8 Dec 2020 12:13

Tgt Ion: 105 Resp: 143704
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 16.415 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064962.D

Acq: 8 Dec 2020 12:13

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBSD01

Tot Ion: 75 Resp: 16785

Ion Ratio Lower Upper

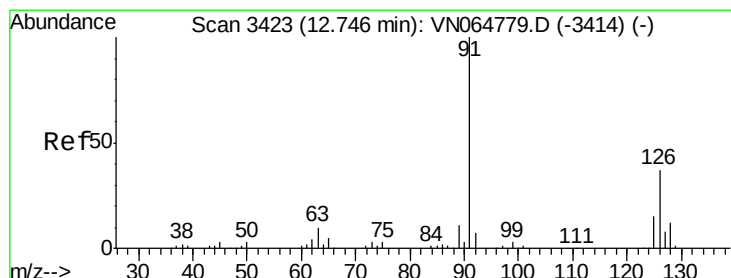
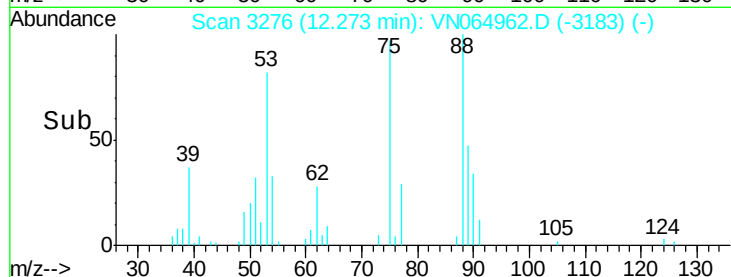
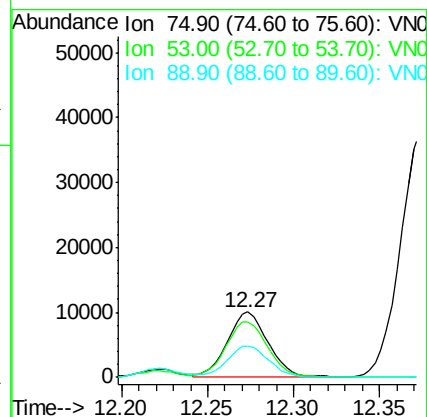
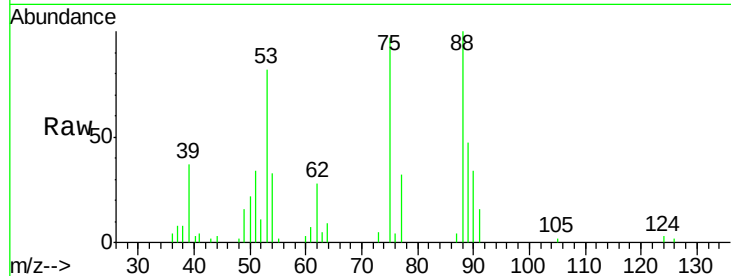
75 100

53 86.7 67.0 100.4

89 48.8 39.6 59.4

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#82

4-Chlorotoluene

Concen: 18.400 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064962.D

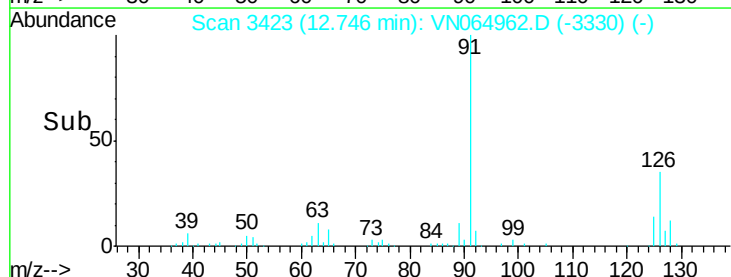
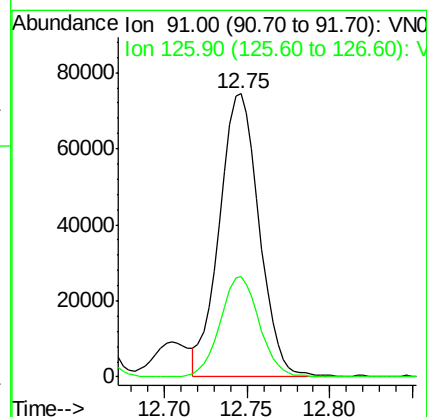
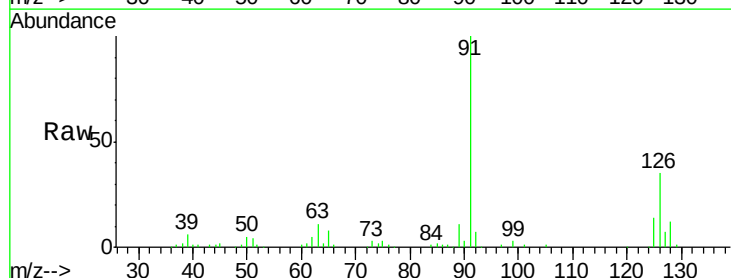
Acq: 8 Dec 2020 12:13

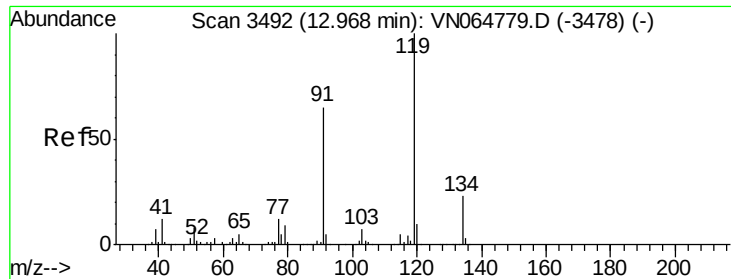
Tgt Ion: 91 Resp: 122929

Ion Ratio Lower Upper

91 100

126 35.2 16.9 50.7





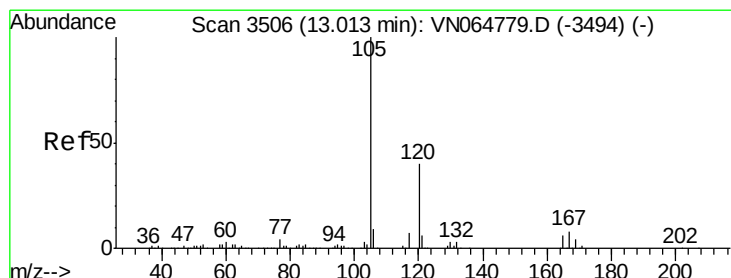
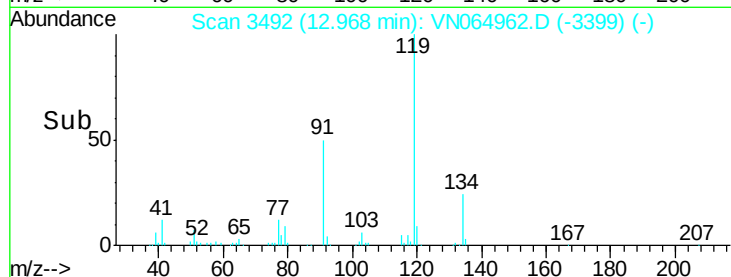
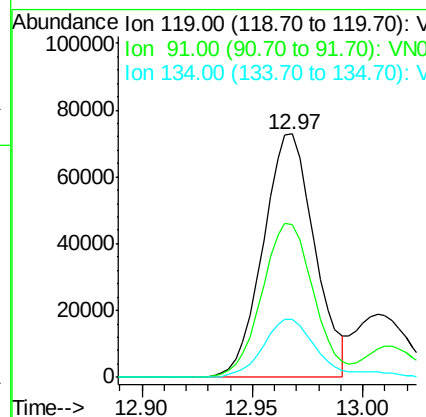
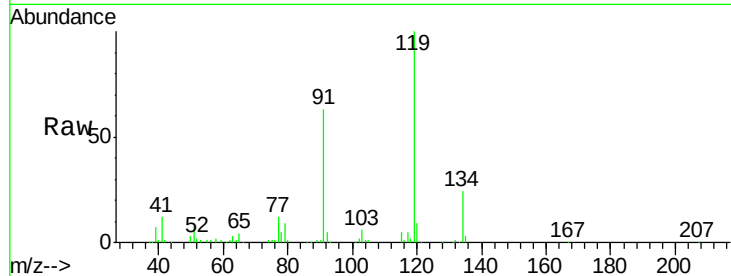
#83
 tert-Butylbenzene
 Concen: 18.672 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064962.D
 Acq: 8 Dec 2020 12:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	117750		
91	63.5		32.3	96.8
134	25.7		12.6	37.6

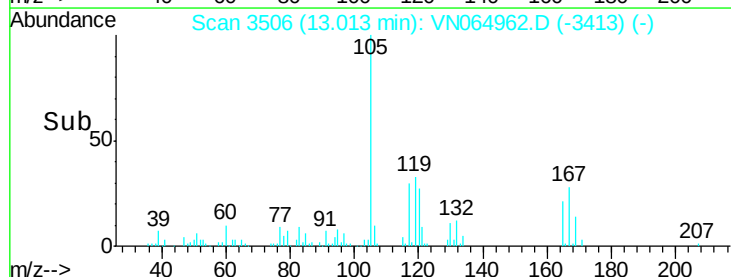
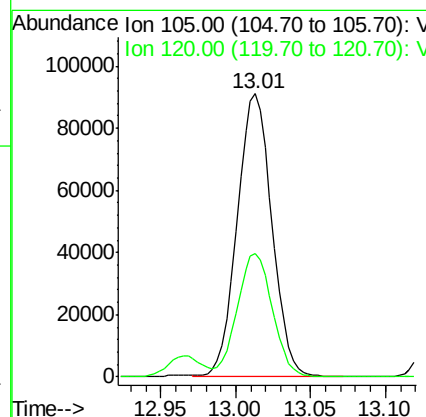
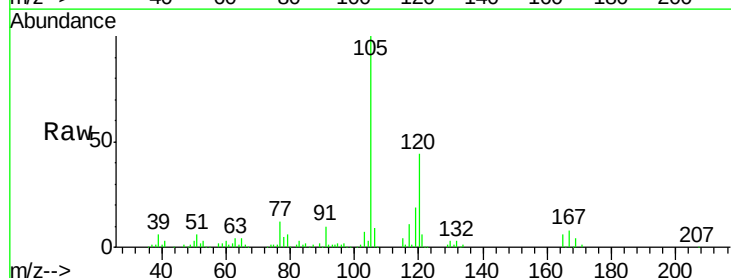
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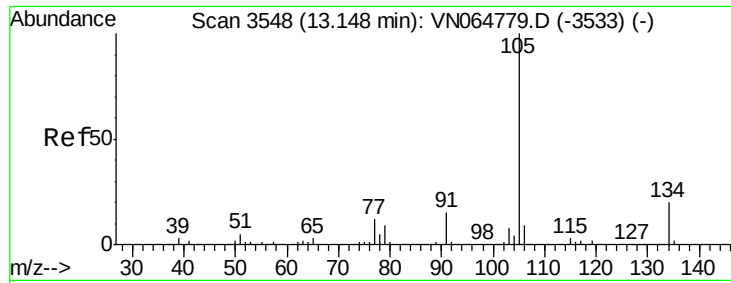
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.259 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064962.D
 Acq: 8 Dec 2020 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	146500		
120	44.5		23.1	69.2





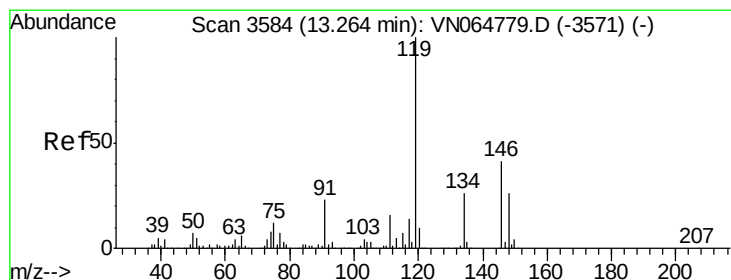
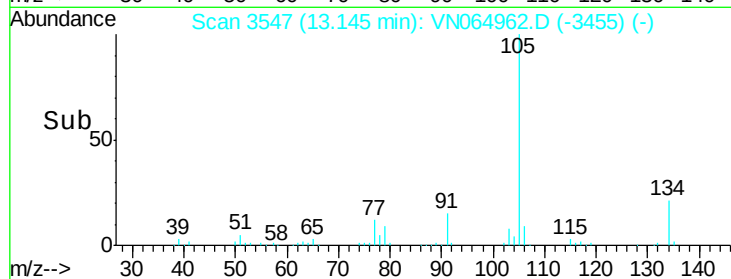
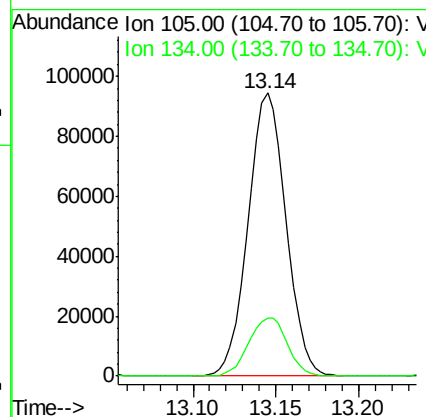
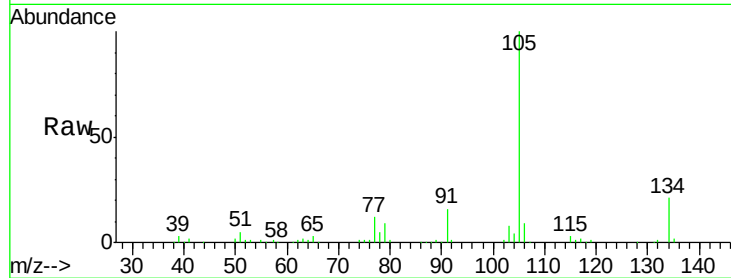
#85
 sec-Butylbenzene
 Concen: 17.794 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064962.D
 Acq: 8 Dec 2020 12:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.2	10.1	30.1

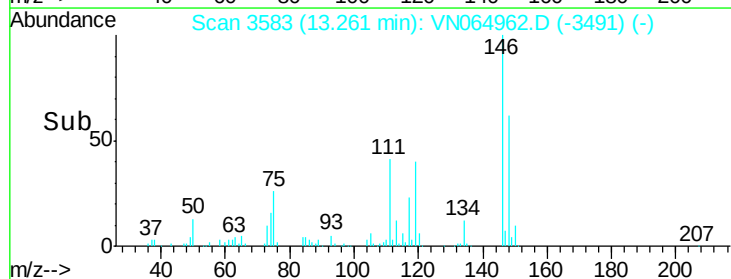
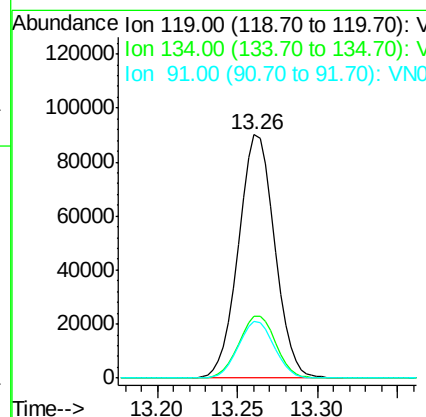
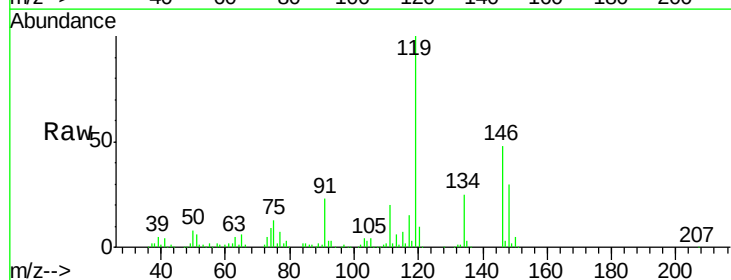
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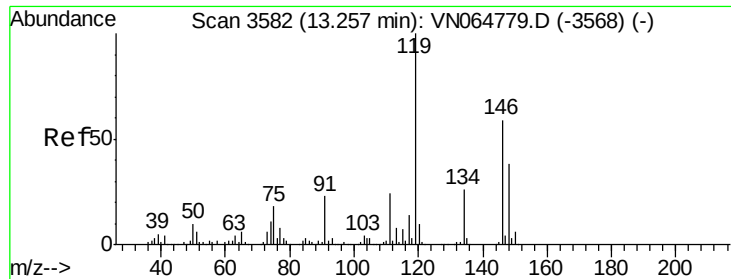
MMDadoda
 12/10/2020 9:55:46 AM



#86
 p-Isopropyltoluene
 Concen: 18.191 ug/l
 RT: 13.26 min Scan# 3583
 Delta R.T. -0.00 min
 Lab File: VN064962.D
 Acq: 8 Dec 2020 12:13

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.1	39.1
91	23.1	11.5	34.5





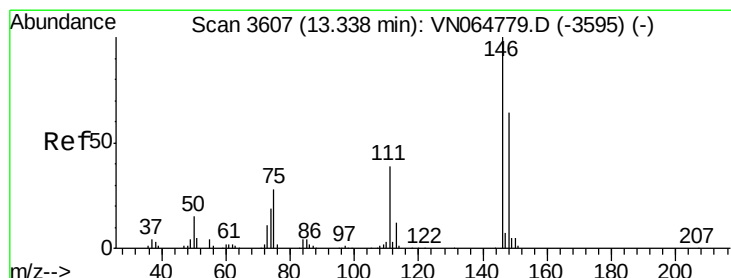
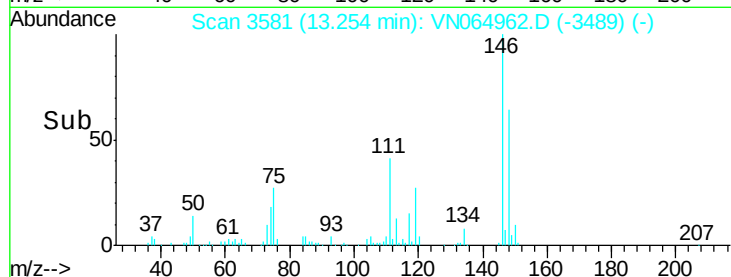
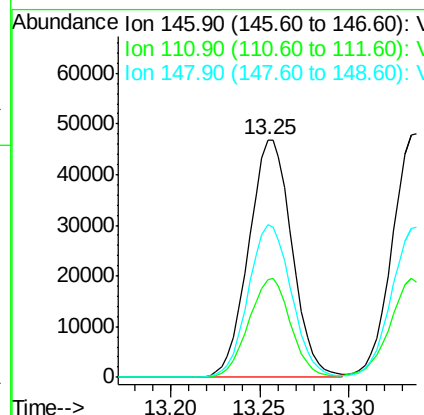
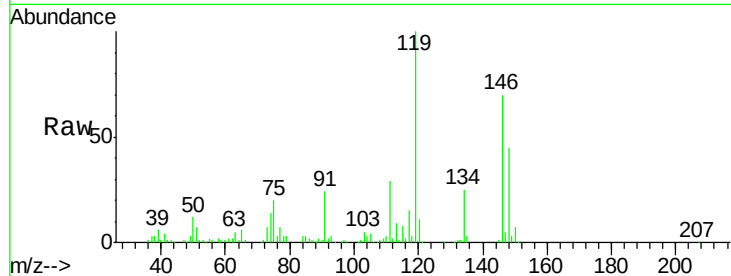
#87
 1,3-Dichlorobenzene
 Concen: 18.387 ug/l
 RT: 13.25 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN064962.D
 Acq: 8 Dec 2020 12:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.6	61.9
148	63.8	31.9	95.5

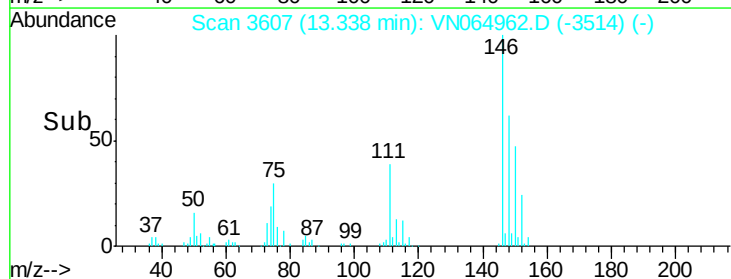
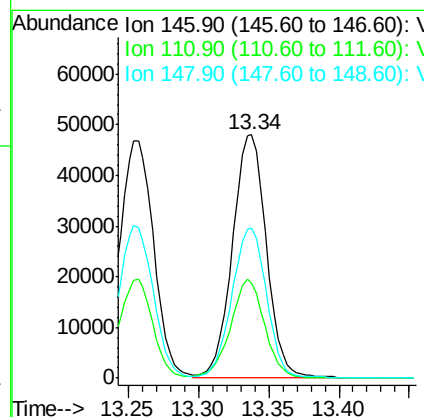
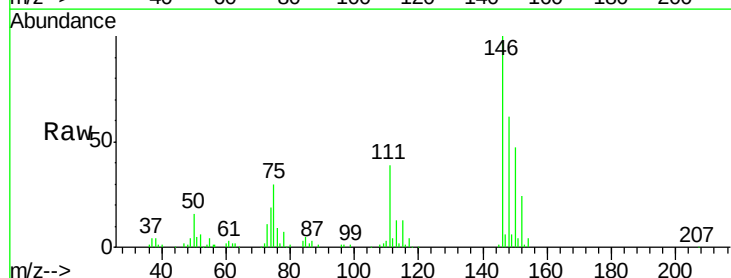
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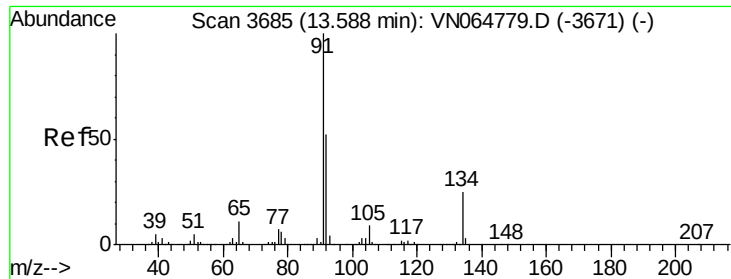
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#88
 1,4-Dichlorobenzene
 Concen: 17.687 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064962.D
 Acq: 8 Dec 2020 12:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	19.8	59.3
148	63.1	31.9	95.5





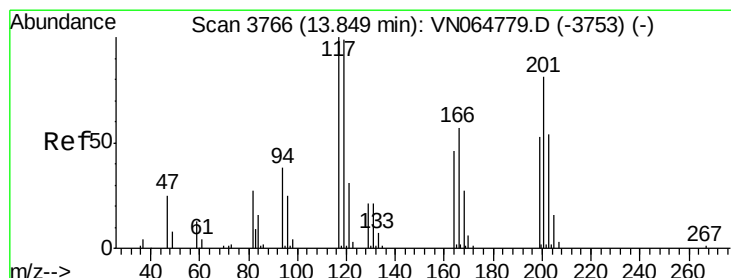
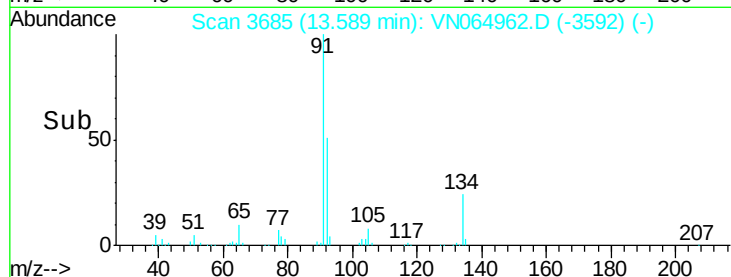
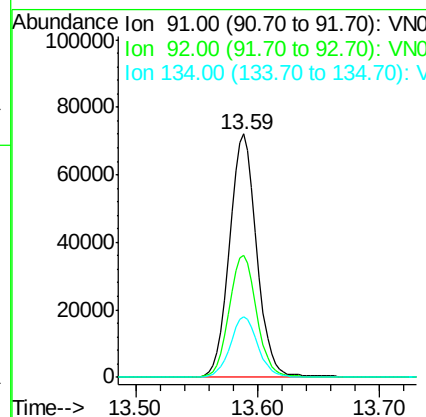
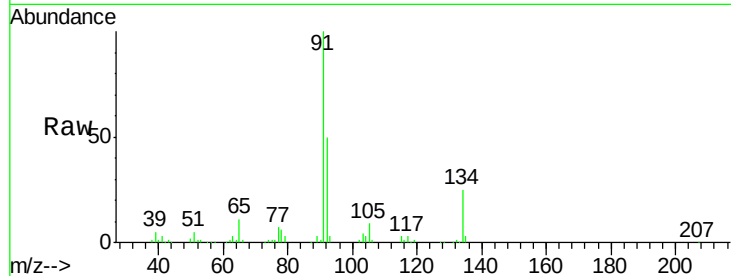
#89
n-Butylbenzene
Concen: 16.878 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.8	26.0	78.0
134	25.2	12.9	38.6

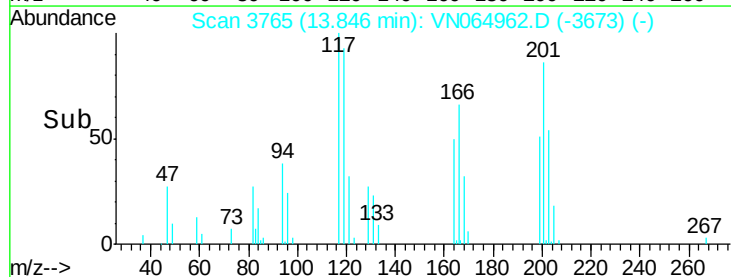
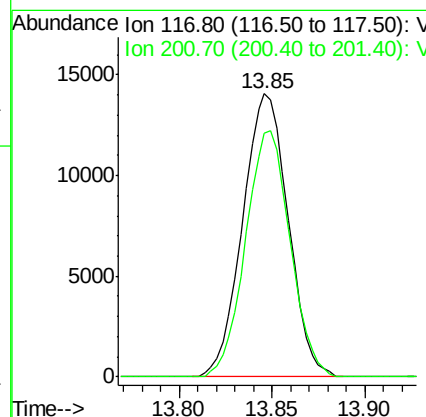
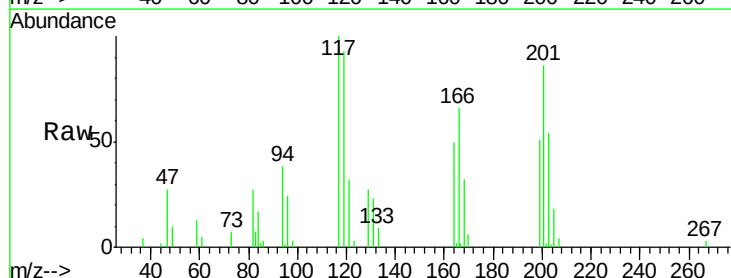
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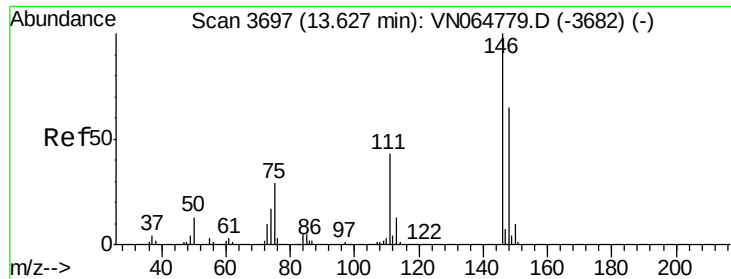
MMDadoda
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#90
Hexachloroethane
Concen: 18.070 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.1	40.1	120.3





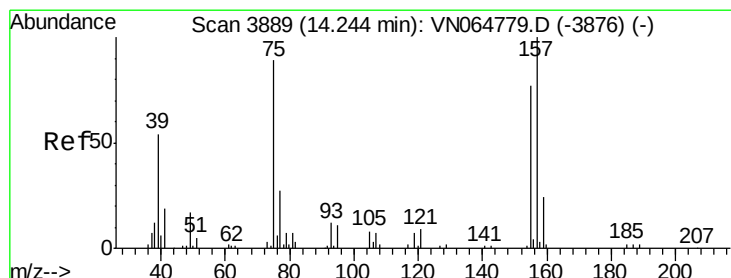
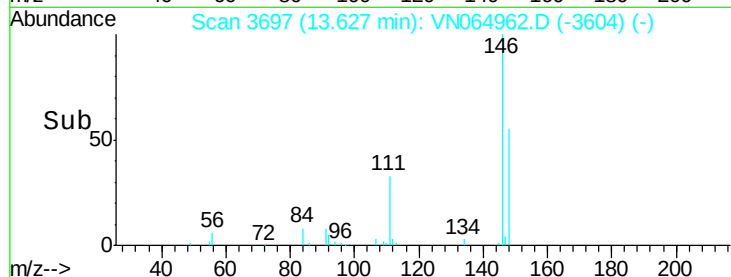
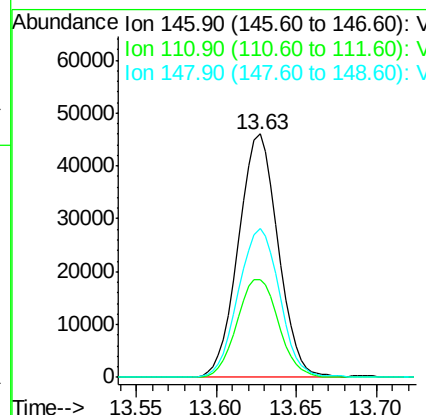
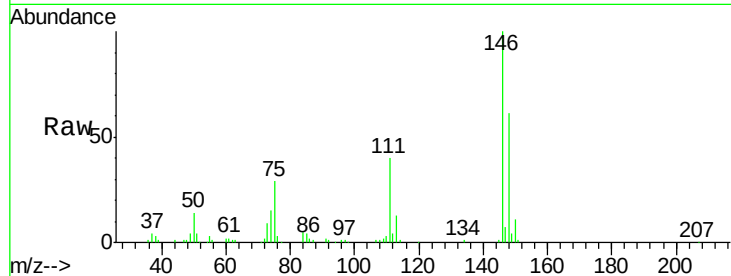
#91
 1,2-Dichlorobenzene
 Concen: 18.287 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064962.D
 Acq: 8 Dec 2020 12:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.1	63.1
148	63.7	32.0	96.2

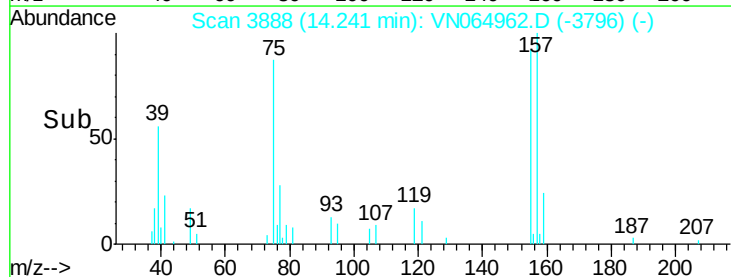
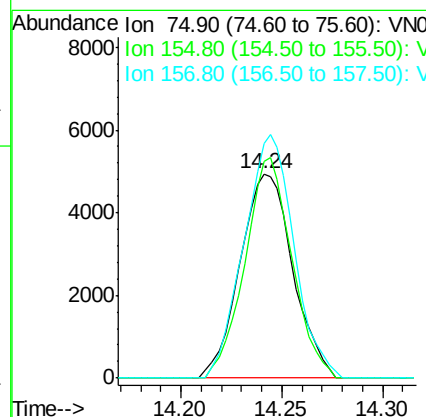
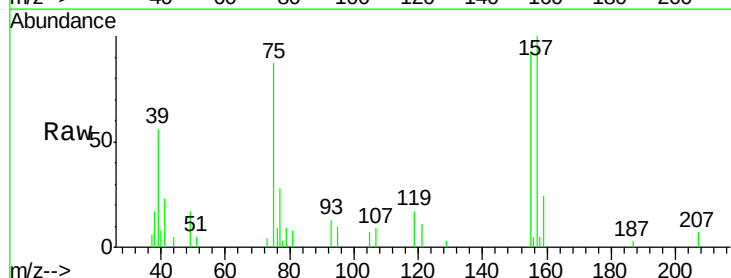
Manual Integrations
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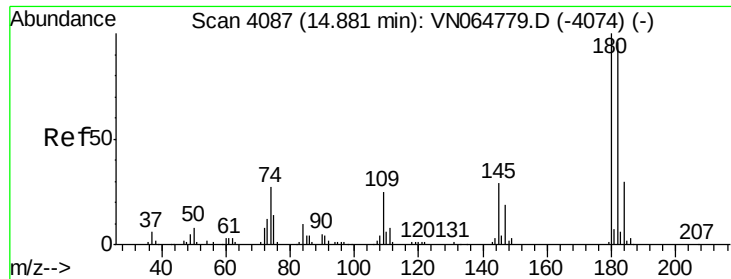
MMDadoda
 12/10/2020 9:55:46 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.120 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064962.D
 Acq: 8 Dec 2020 12:13

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.2	42.8	128.3
157	113.3	56.4	169.1





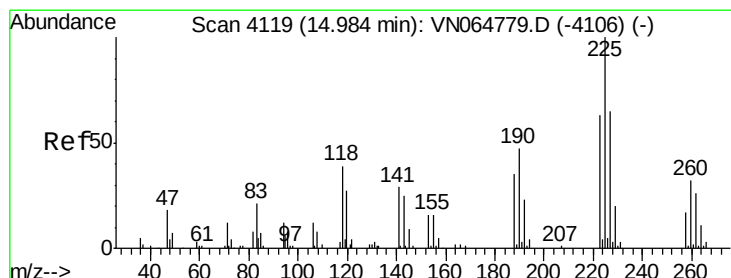
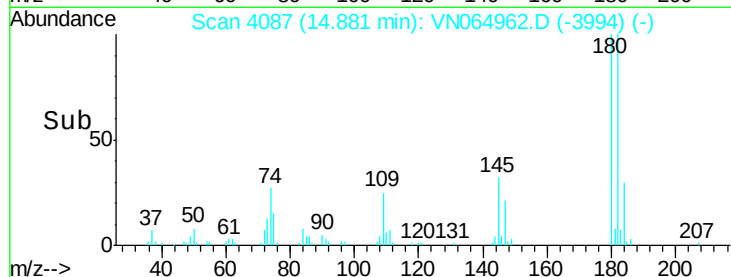
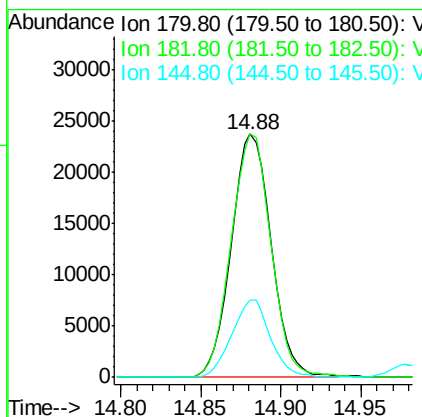
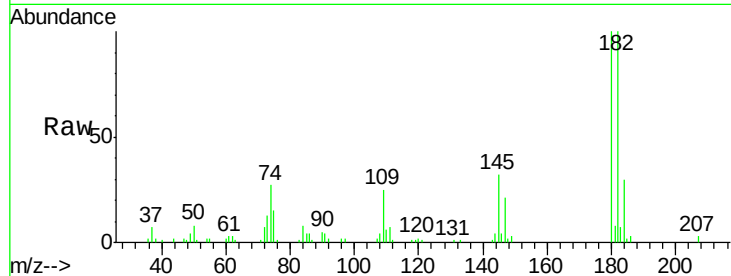
#93
1,2,4-Trichlorobenzene
Concen: 15.265 ug/l
RT: 14.88 min Scan# 4087
Delta R.T. 0.00 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	100.2	47.6	142.9
145	30.6	15.3	45.8

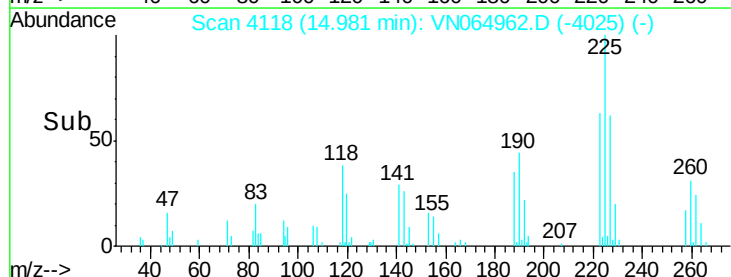
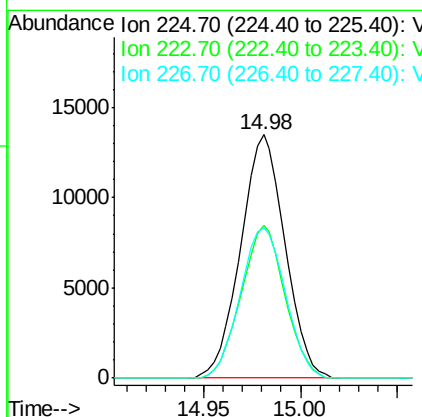
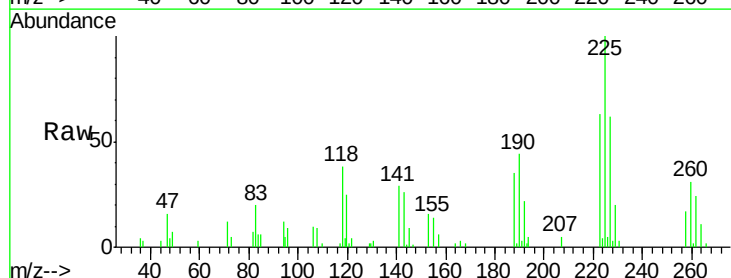
Manual Integrations
APPROVED

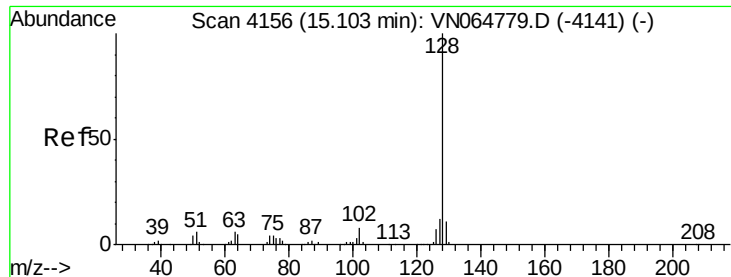
MMDadoda
12/10/2020 9:55:46 AM



#94
Hexachlorobutadiene
Concen: 18.330 ug/l
RT: 14.98 min Scan# 4118
Delta R.T. -0.00 min
Lab File: VN064962.D
Acq: 8 Dec 2020 12:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	31.0	93.0
227	63.0	32.0	96.0





#95

Naphthalene

Concen: 14.616 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064962.D

Acq: 8 Dec 2020 12:13

Instrument :

MSVOA_N

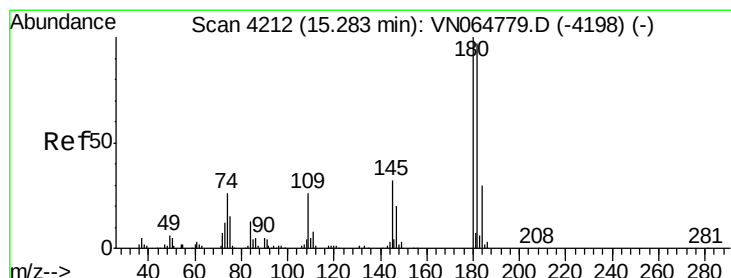
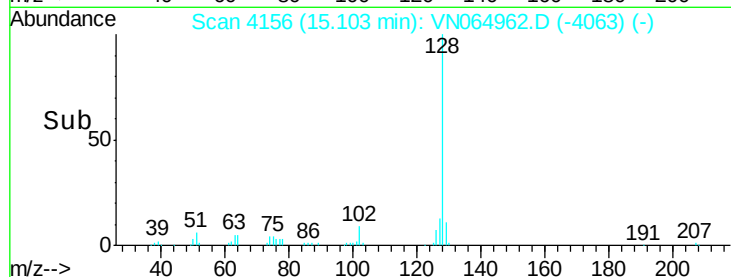
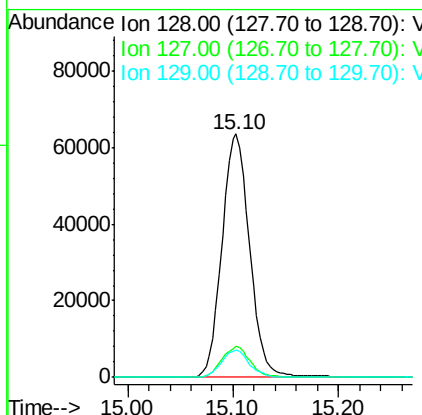
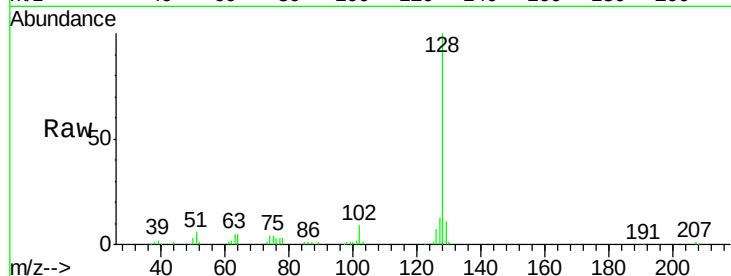
ClientSampleId :

VN1208WBSD01

Tot Ion:	128	Resp:	115310
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.3	15.5
129	11.1	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
12/10/2020 9:55:46 AM



#96

1,2,3-Trichlorobenzene

Concen: 16.506 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064962.D

Acq: 8 Dec 2020 12:13

Tgt Ion:	180	Resp:	38906
Ion Ratio	Lower	Upper	
180	100		
182	95.2	48.1	144.4
145	33.4	16.4	49.1

