

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111120\
 Data File : VN064548.D
 Acq On : 11 Nov 2020 12:24
 Operator : JC/MD
 Sample : VN1111WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/12/2020 9:12:23 AM

Quant Time: Nov 12 01:59:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	295476	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	516068	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	493946	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	218679	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	252755	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
35) Dibromofluoromethane	7.55	113	175808	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
50) Toluene-d8	10.06	98	641640	47.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.50%	
62) 4-Bromofluorobenzene	12.38	95	235061	45.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.84	85	71189	18.508	ug/l	98
3) Chloromethane	2.04	50	80116	17.148	ug/l	99
4) Vinyl Chloride	2.17	62	86036	17.933	ug/l	97
5) Bromomethane	2.54	94	58720	19.159	ug/l	91
6) Chloroethane	2.68	64	55703	18.135	ug/l	98
7) Trichlorofluoromethane	2.99	101	132249	18.720	ug/l	97
8) Diethyl Ether	3.37	74	50781	20.355	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.71	101	62519	18.636	ug/l	98
10) Methyl Iodide	3.90	142	73260	18.794	ug/l	99
11) Tert butyl alcohol	4.75	59	55903	98.494	ug/l	99
12) 1,1-Dichloroethene	3.69	96	57152	18.086	ug/l	99
13) Acrolein	3.57	56	29157	82.818	ug/l	98
14) Allyl chloride	4.28	41	108186	17.501	ug/l	97
15) Acrylonitrile	4.94	53	159959	101.227	ug/l	99
16) Acetone	3.78	43	176229	89.890	ug/l	99
17) Carbon Disulfide	4.01	76	166118	17.578	ug/l	99
18) Methyl Acetate	4.29	43	78385	20.337	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	207571	18.251	ug/l	99
20) Methylene Chloride	4.50	84	71956	18.499	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	61343	17.097	ug/l	97
22) Diisopropyl ether	5.91	45	238528	18.178	ug/l	99
23) Vinyl Acetate	5.85	43	973391	91.186	ug/l	98
24) 1,1-Dichloroethane	5.80	63	133355	18.494	ug/l	98
25) 2-Butanone	6.79	43	233999	93.677	ug/l	96
26) 2,2-Dichloropropane	6.77	77	117187	17.953	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	78453	18.870	ug/l	93
28) Bromochloromethane	7.15	49	59501	16.788	ug/l	99
29) Tetrahydrofuran	7.17	42	140615	91.753	ug/l	97
30) Chloroform	7.33	83	143072	18.876	ug/l	98
31) Cyclohexane	7.61	56	101454	16.216	ug/l	# 93
32) 1,1,1-Trichloroethane	7.53	97	123872	18.426	ug/l	98
36) 1,1-Dichloropropene	7.76	75	94267	17.291	ug/l	96
37) Ethyl Acetate	6.89	43	95526	17.763	ug/l	98
38) Carbon Tetrachloride	7.73	117	107162	18.391	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	85291	17.452	ug/l	95
40) Benzene	8.00	78	288563	18.012	ug/l	99
41) Methacrylonitrile	7.13	41	49824m	20.613	ug/l	
42) 1,2-Dichloroethane	8.09	62	124340	19.232	ug/l	98
43) Isopropyl Acetate	8.13	43	165427	18.723	ug/l	99
44) Trichloroethene	8.80	130	70944	17.552	ug/l	99
45) 1,2-Dichloropropane	9.08	63	77328	18.090	ug/l	97
46) Dibromomethane	9.17	93	54377	19.324	ug/l	100
47) Bromodichloromethane	9.37	83	118526	19.589	ug/l	98
48) Methyl methacrylate	9.17	41	83058	18.630	ug/l	98
49) 1,4-Dioxane	9.17	88	23495	400.105	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	508826	98.754	ug/l	100
52) Toluene	10.13	92	179295	18.349	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	118722	18.508	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	126685	18.472	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	74151	19.459	ug/l	97
56) Ethyl methacrylate	10.40	69	100305	17.250	ug/l	97
57) 1,3-Dichloropropane	10.68	76	127667	19.194	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	271677	105.341	ug/l	99
59) 2-Hexanone	10.72	43	360398	88.424	ug/l	99
60) Dibromochloromethane	10.87	129	84329	19.766	ug/l	98
61) 1,2-Dibromoethane	10.98	107	76009	19.665	ug/l	100
64) Tetrachloroethene	10.60	164	67661	17.783	ug/l	95
65) Chlorobenzene	11.41	112	190142	17.560	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	75318	18.645	ug/l	98
67) Ethyl Benzene	11.49	91	328841	17.073	ug/l	99
68) m/p-Xylenes	11.59	106	246327	35.264	ug/l	98
69) o-Xylene	11.92	106	116252	17.223	ug/l	100
70) Styrene	11.94	104	197108	17.354	ug/l	98
71) Bromoform	12.10	173	53139	18.347	ug/l #	99
73) Isopropylbenzene	12.23	105	303207	17.444	ug/l	98
74) N-amyl acetate	12.05	43	133574	16.675	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	103471	19.381	ug/l	95
76) 1,2,3-Trichloropropane	12.53	75	99081m	18.700	ug/l	
77) Bromobenzene	12.50	156	74188	17.483	ug/l	93
78) n-propylbenzene	12.57	91	352706	17.799	ug/l	99
79) 2-Chlorotoluene	12.65	91	223562	17.788	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	258571	18.033	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	32244	16.992	ug/l	91
82) 4-Chlorotoluene	12.75	91	239603	18.204	ug/l	100
83) tert-Butylbenzene	12.97	119	196811	17.574	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	256373	17.786	ug/l	100
85) sec-Butylbenzene	13.15	105	260645	18.377	ug/l	100
86) p-Isopropyltoluene	13.26	119	228782	17.933	ug/l	97
87) 1,3-Dichlorobenzene	13.26	146	132997	18.131	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	131596	17.359	ug/l	98
89) n-Butylbenzene	13.59	91	190636	17.380	ug/l	99
90) Hexachloroethane	13.85	117	46807	19.020	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	135278	19.172	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	22534	21.200	ug/l	96

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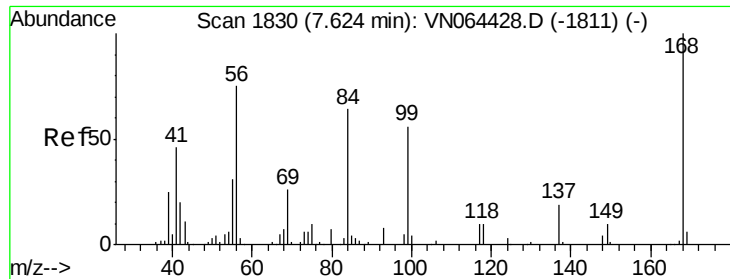
Manual Integrations
APPROVED

MMDadoda
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	53368	17.062	ug/l	99
94) Hexachlorobutadiene	14.98	225	27906	19.425	ug/l	100
95) Naphthalene	15.11	128	167400	16.569	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	56283	18.434	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

Tot Ion:168 Resp: 295476

Ion Ratio Lower Upper

168 100

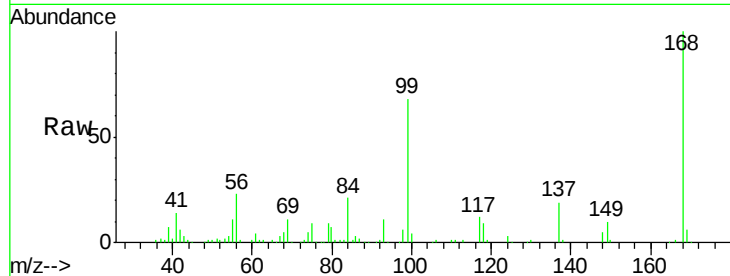
99 67.8 53.4 80.2

Manual Integrations

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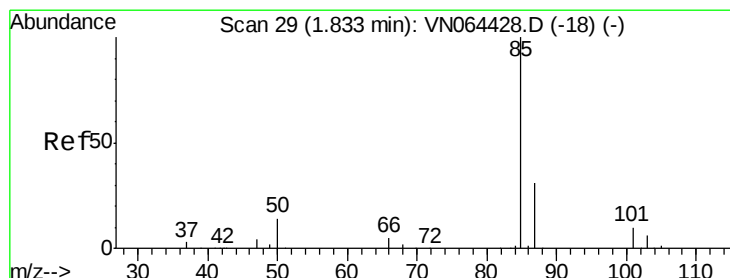
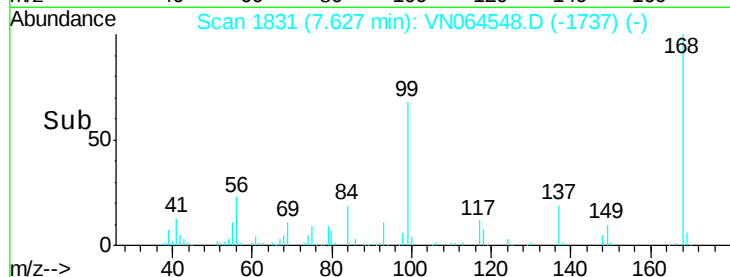
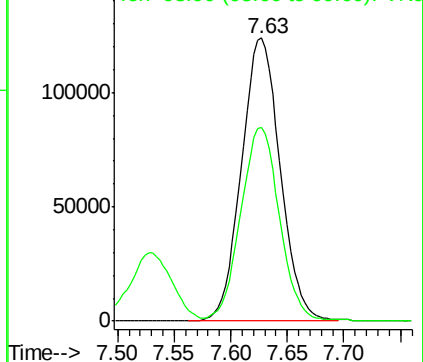
MMDadoda

11/12/2020 9:12:23 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 18.508 ug/l

RT: 1.84 min Scan# 30

Delta R.T. 0.00 min

Lab File: VN064548.D

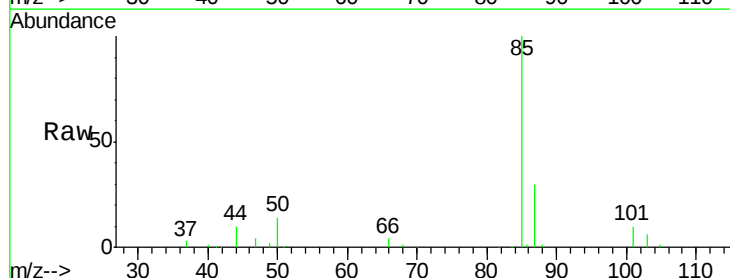
Acq: 11 Nov 2020 12:24

Tgt Ion: 85 Resp: 71189

Ion Ratio Lower Upper

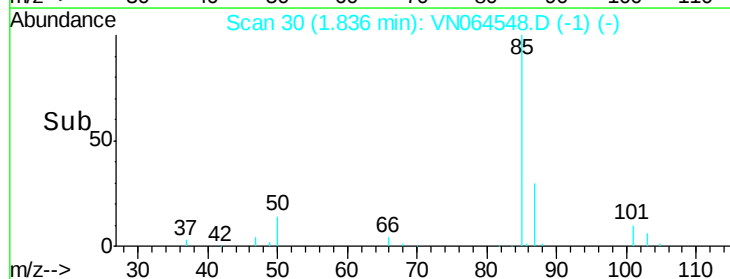
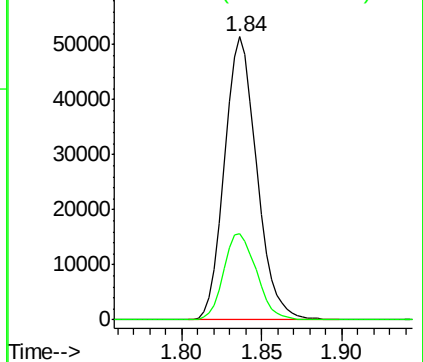
85 100

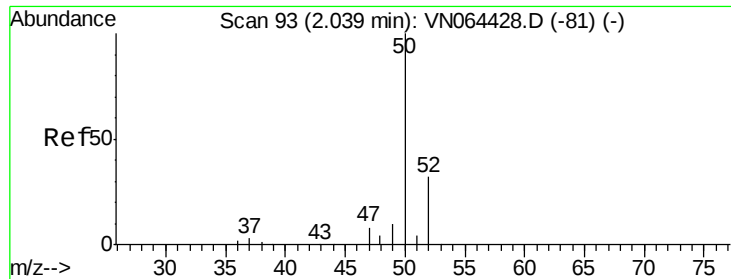
87 30.4 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 17.148 ug/l

RT: 2.04 min Scan# 94

Delta R.T. 0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

Tot Ion: 50 Resp: 80116

Ion Ratio Lower Upper

50 100

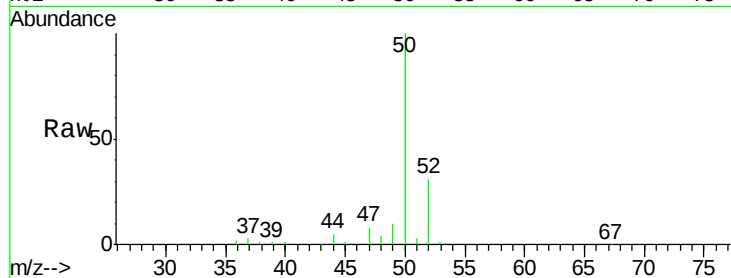
52 30.9 25.3 37.9

Manual Integrations

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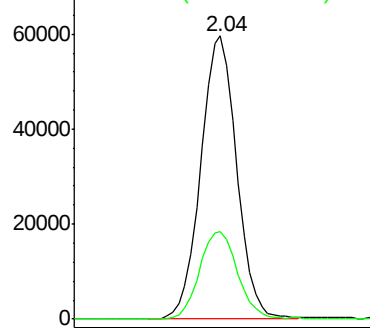
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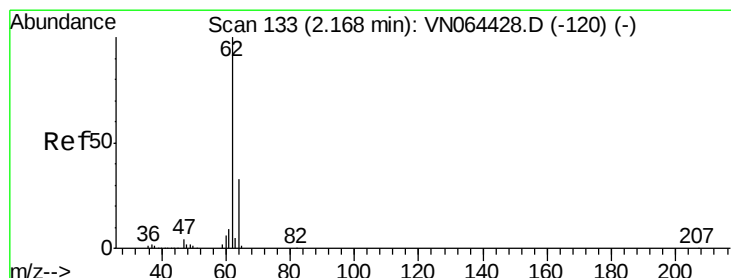
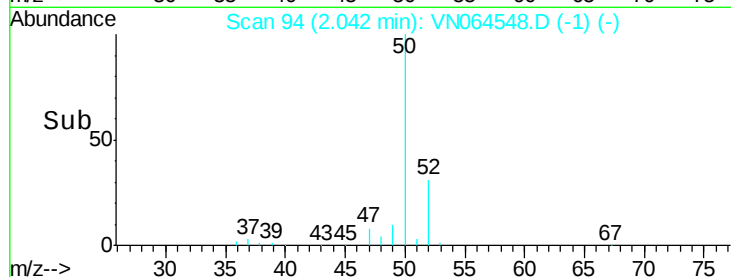


Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



Time-->



#4

Vinyl Chloride

Concen: 17.933 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064548.D

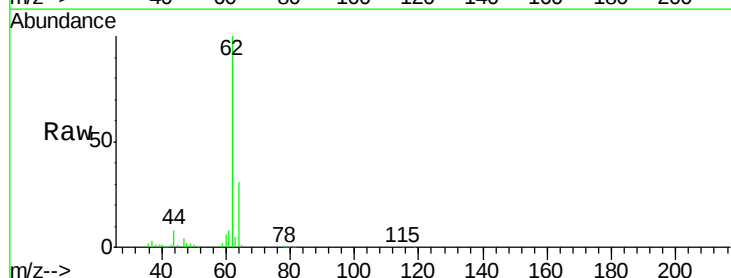
Acq: 11 Nov 2020 12:24

Tgt Ion: 62 Resp: 86036

Ion Ratio Lower Upper

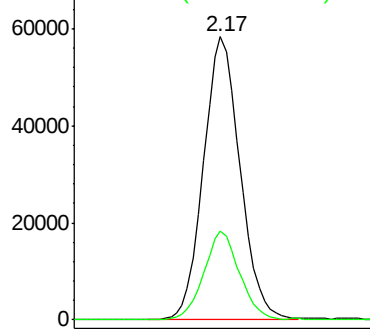
62 100

64 31.2 26.3 39.5

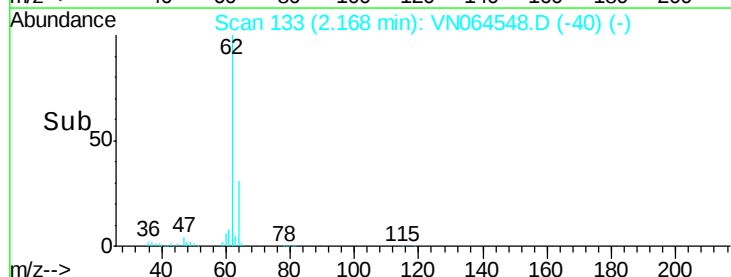


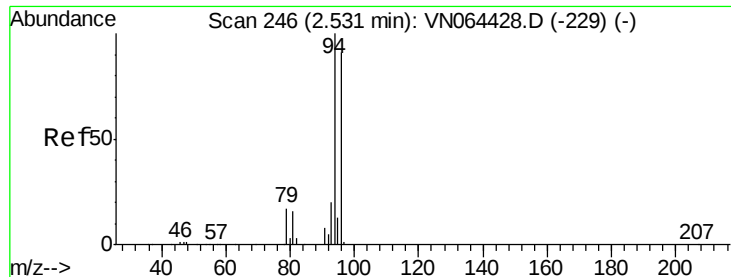
Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO



Time-->





#5

Bromomethane

Concen: 19.159 ug/l

RT: 2.54 min Scan# 249

Delta R.T. 0.01 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

Tot Ion: 94 Resp: 58720

Ion Ratio Lower Upper

94 100

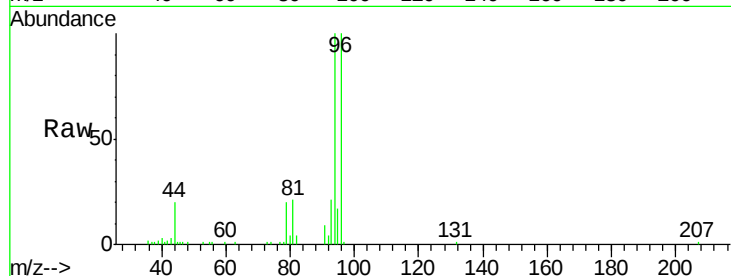
96 99.7 73.1 109.7

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.54

30000

25000

20000

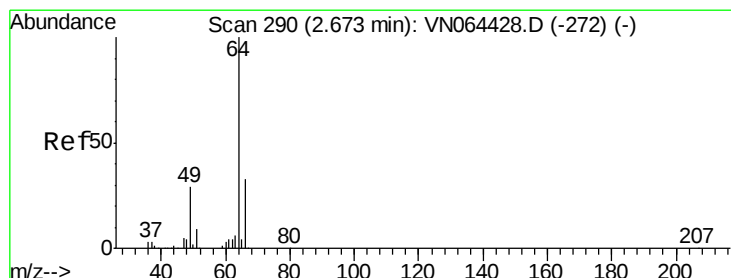
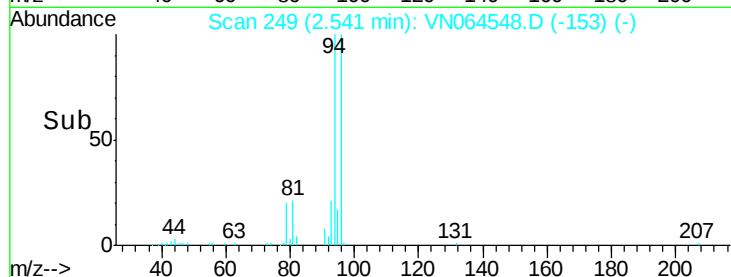
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 18.135 ug/l

RT: 2.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VN064548.D

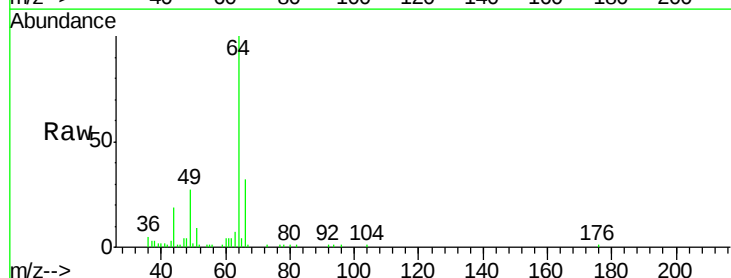
Acq: 11 Nov 2020 12:24

Tgt Ion: 64 Resp: 55703

Ion Ratio Lower Upper

64 100

66 31.6 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.68

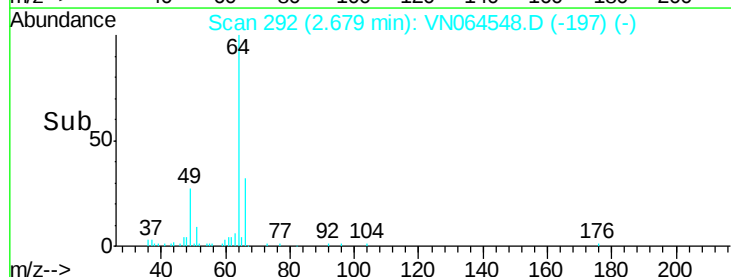
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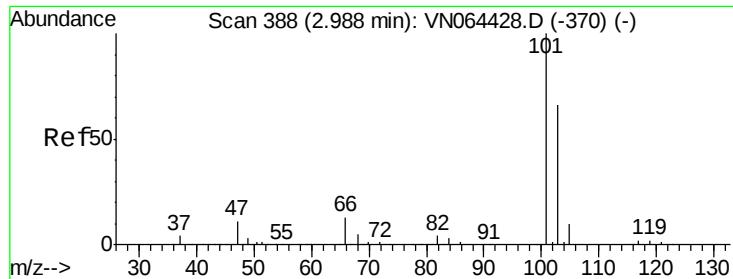
20000

10000

0

Time-->





#7

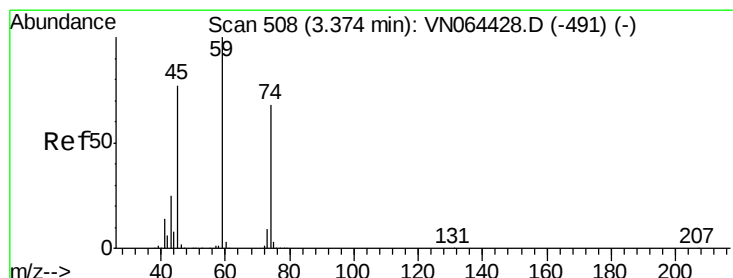
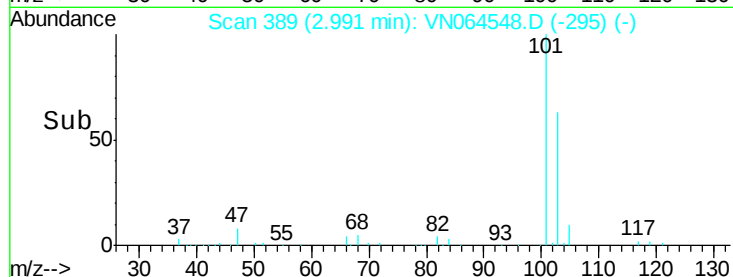
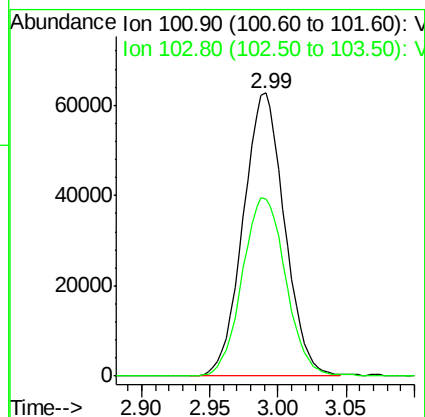
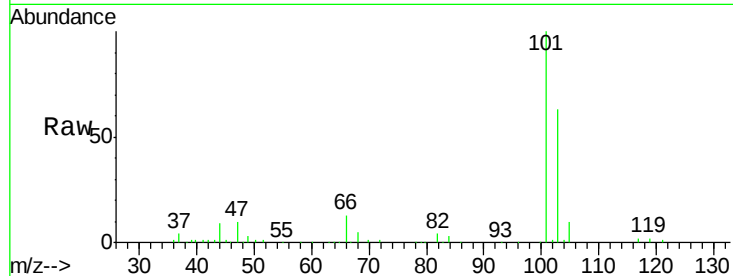
Trichlorofluoromethane
Concen: 18.720 ug/l
RT: 2.99 min Scan# 389
Delta R.T. 0.00 min
Lab File: VN064548.D
Acq: 11 Nov 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

Tot Ion:101 Resp: 132249
Ion Ratio Lower Upper
101 100
103 62.8 52.4 78.6

Manual Integrations
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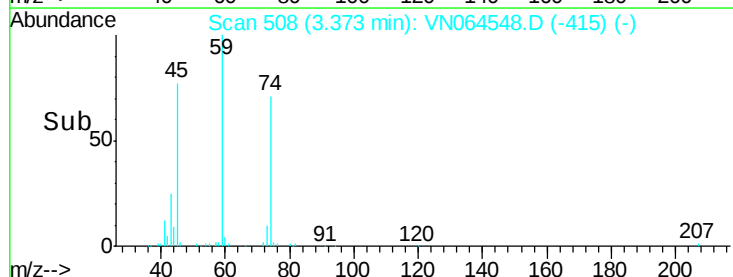
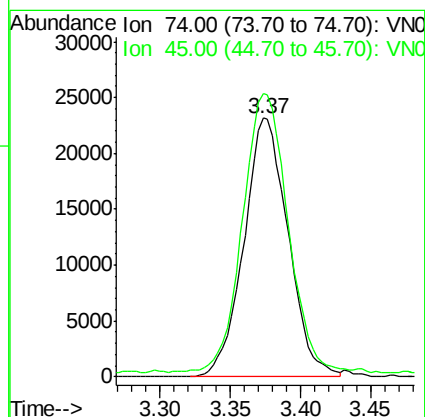
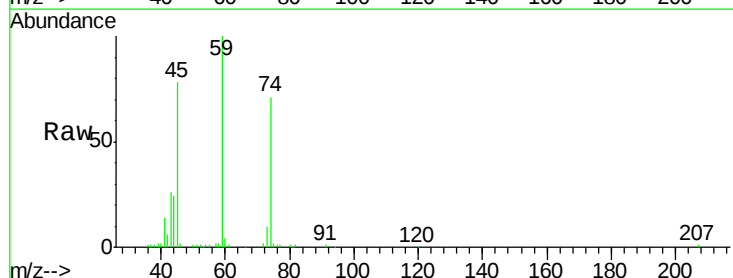
MMDadoda
11/12/2020 9:12:23 AM

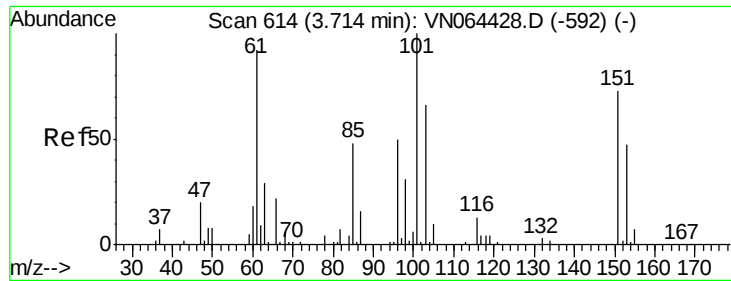


#8

Diethyl Ether
Concen: 20.355 ug/l
RT: 3.37 min Scan# 508
Delta R.T. -0.00 min
Lab File: VN064548.D
Acq: 11 Nov 2020 12:24

Tgt Ion: 74 Resp: 50781
Ion Ratio Lower Upper
74 100
45 108.5 55.9 167.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.636 ug/l

RT: 3.71 min Scan# 614

Delta R.T. -0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_N

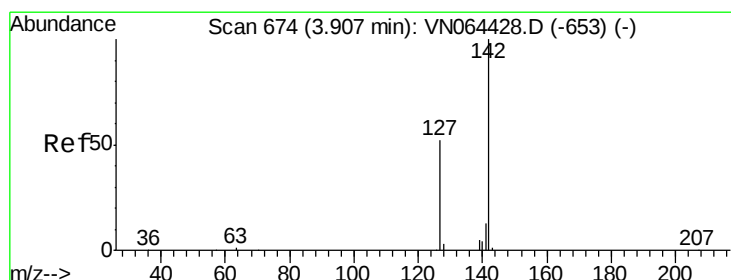
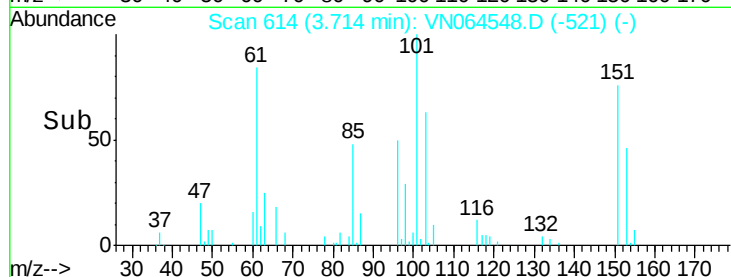
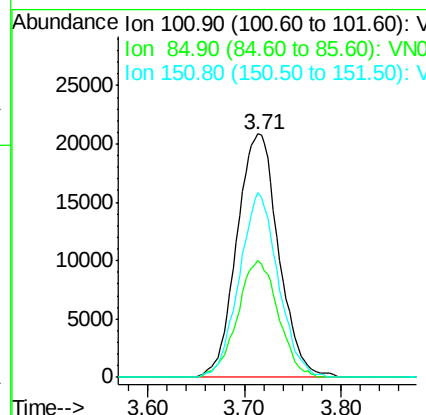
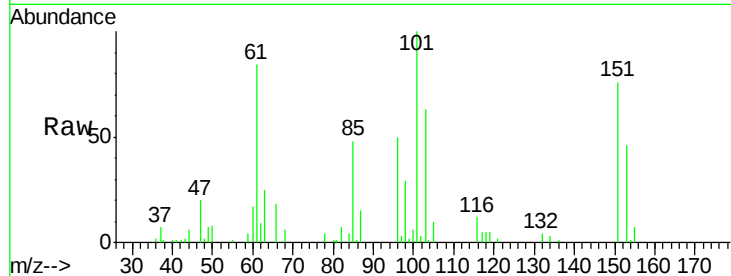
ClientSampleId :

VN1111WBSD01

Tot Ion:	101	Resp:	62519
Ion Ratio	Lower	Upper	
101	100		
85	46.9	38.6	57.8
151	70.8	57.5	86.3

Manual Integrations
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#10

Methyl Iodide

Concen: 18.794 ug/l

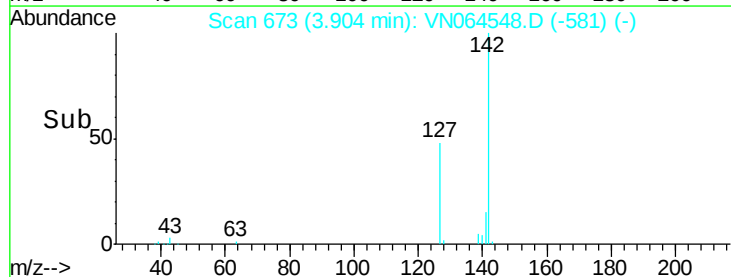
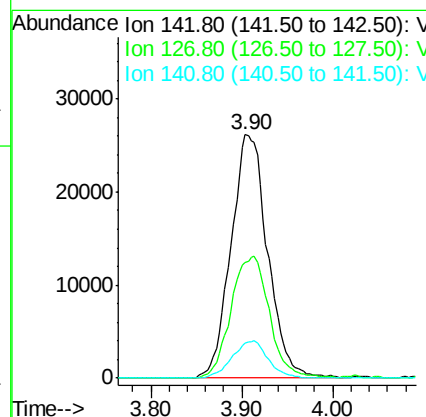
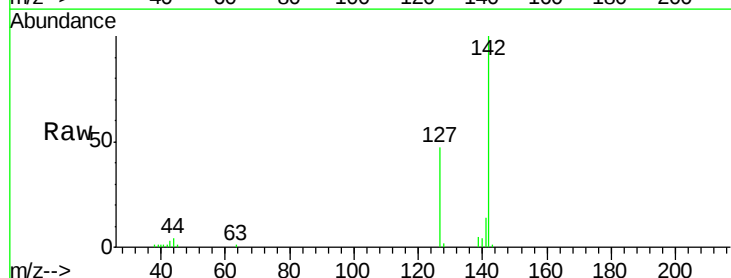
RT: 3.90 min Scan# 673

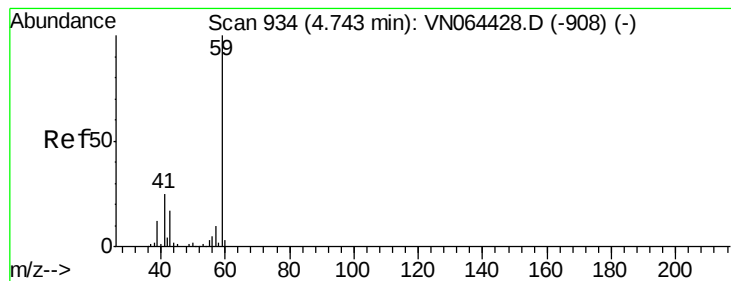
Delta R.T. -0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

Tgt Ion:	142	Resp:	73260
Ion Ratio	Lower	Upper	
142	100		
127	52.1	41.8	62.8
141	14.9	11.4	17.2





#11

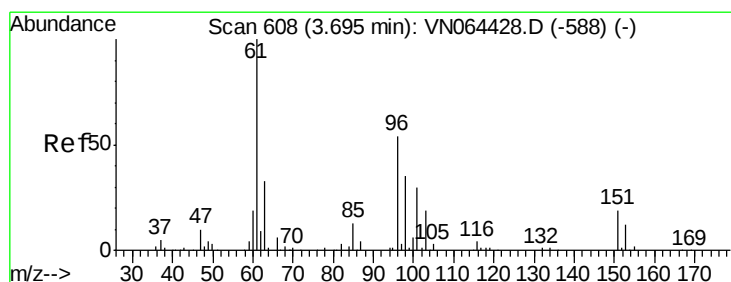
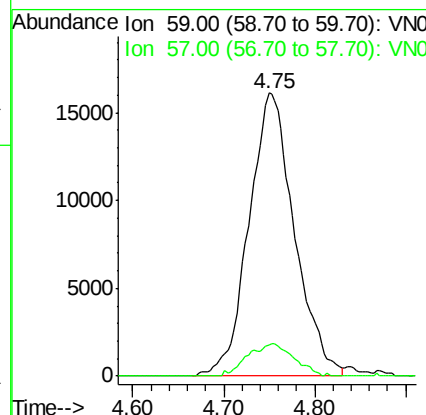
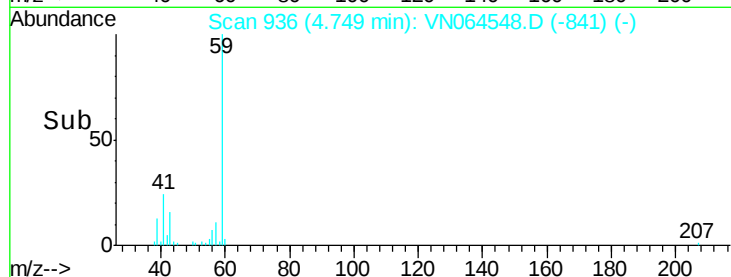
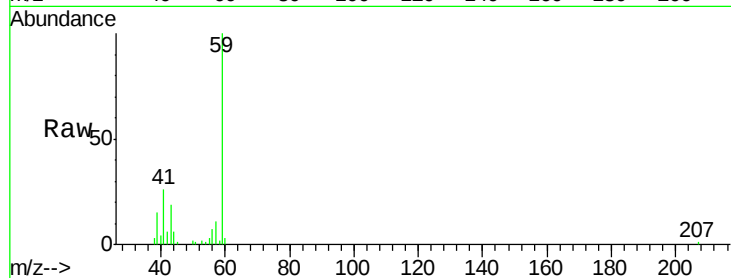
Tert butyl alcohol
Concen: 98.494 ug/l
RT: 4.75 min Scan# 936
Delta R.T. 0.01 min
Lab File: VN064548.D
Acq: 11 Nov 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.6	9.0	13.4

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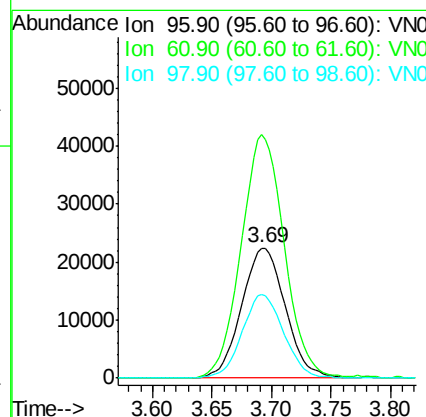
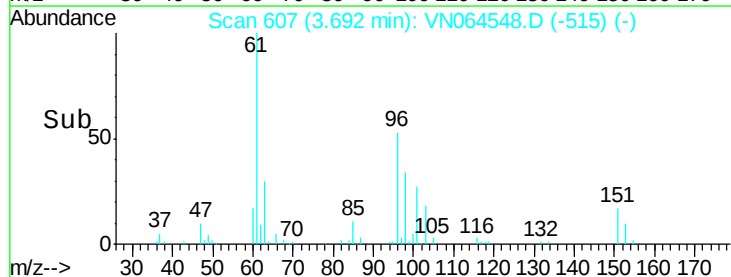
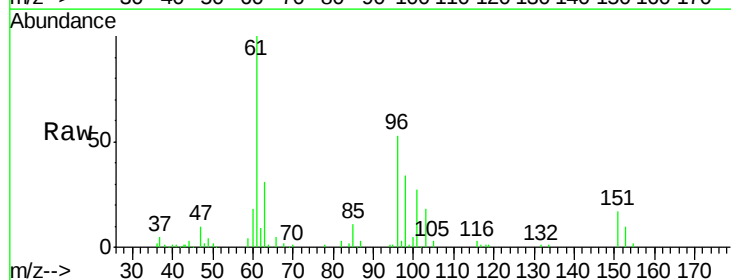
MMDadoda
11/12/2020 9:12:23 AM

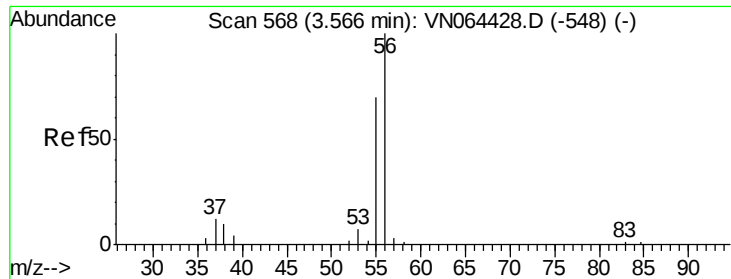


#12

1,1-Dichloroethene
Concen: 18.086 ug/l
RT: 3.69 min Scan# 607
Delta R.T. -0.00 min
Lab File: VN064548.D
Acq: 11 Nov 2020 12:24

Tgt Ion	Ratio	Lower	Upper
96	100		
61	187.7	149.5	224.3
98	64.6	52.4	78.6





#13

Acrolein

Concen: 82.818 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

Tot Ion: 56 Resp: 29157

Ion Ratio Lower Upper

56 100

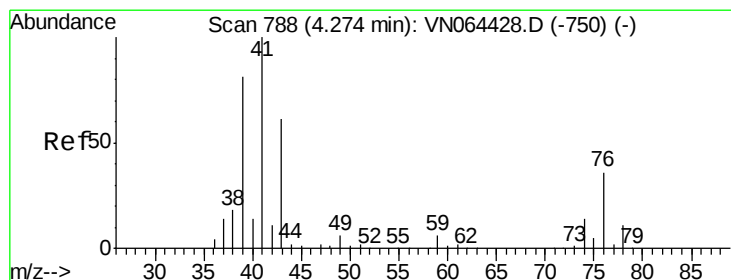
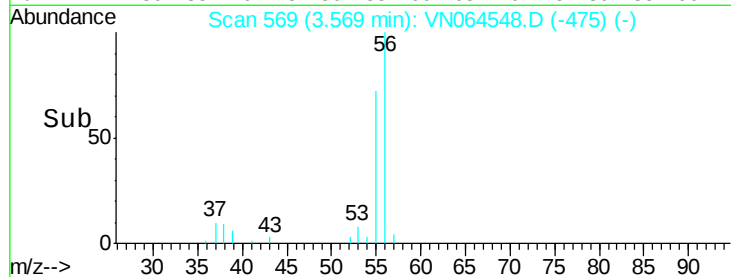
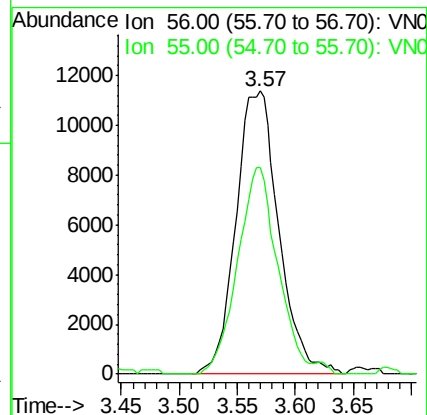
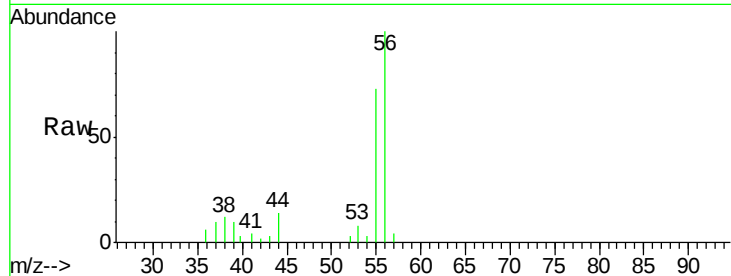
55 68.2 55.9 83.9

Manual Integrations

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#14

Allyl chloride

Concen: 17.501 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

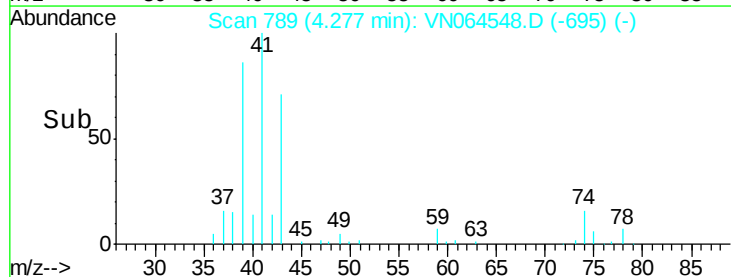
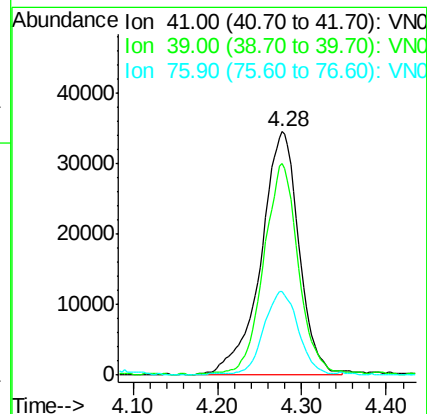
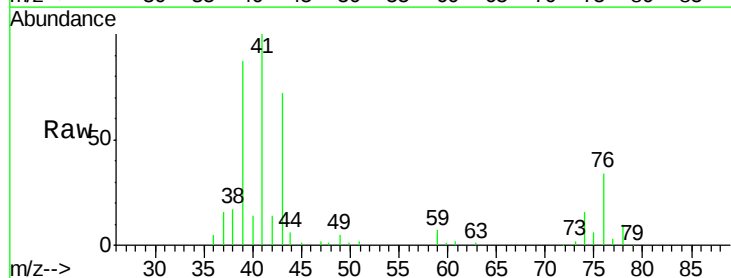
Tgt Ion: 41 Resp: 108186

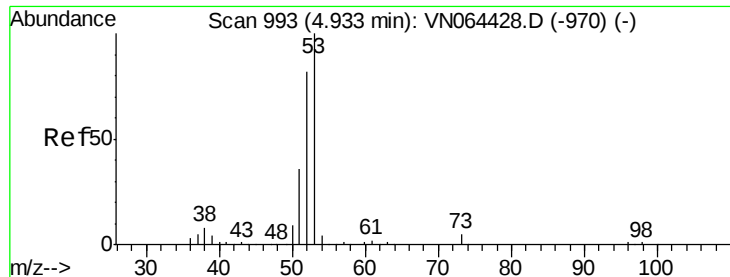
Ion Ratio Lower Upper

41 100

39 80.1 61.8 92.8

76 30.1 25.4 38.0





#15

Acrylonitrile

Concen: 101.227 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_N

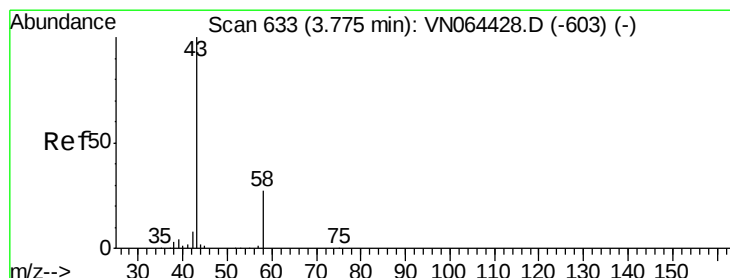
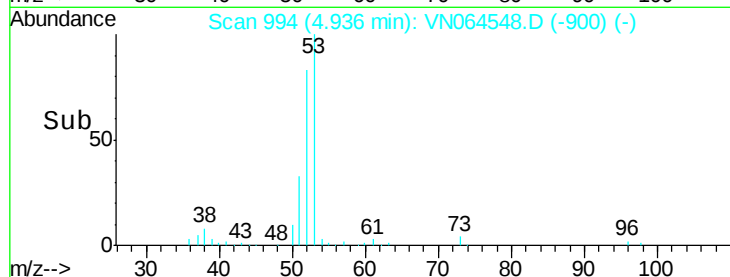
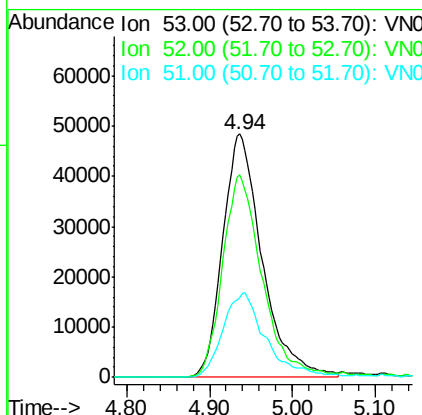
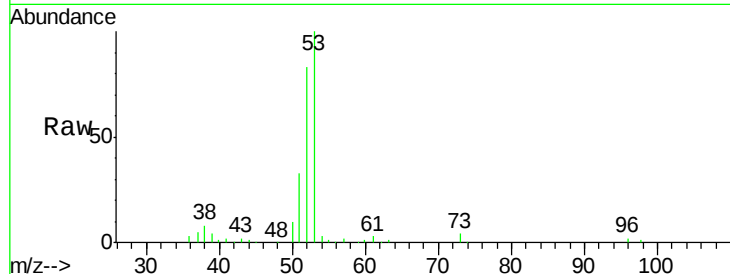
ClientSampleId :

VN1111WBSD01

Tot Ion:	53	Resp:	159959
Ion	Ratio	Lower	Upper
53	100		
52	82.8	65.6	98.4
51	37.3	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 89.890 ug/l

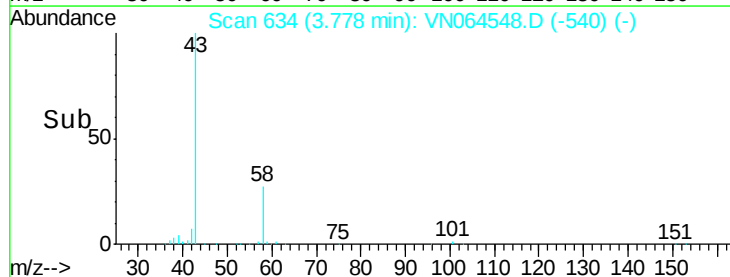
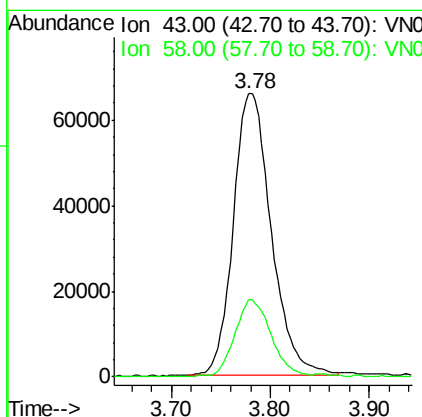
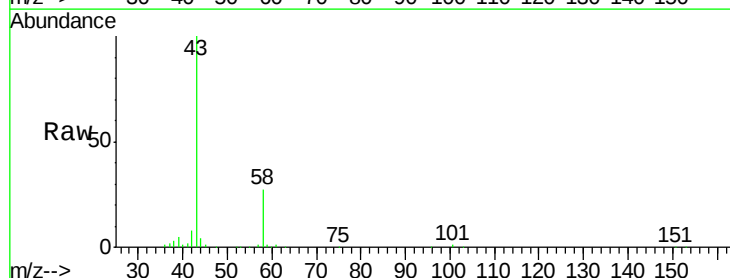
RT: 3.78 min Scan# 634

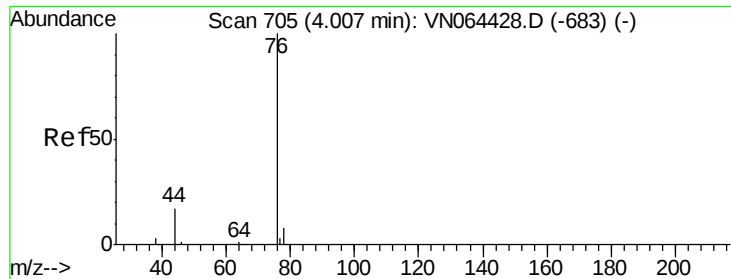
Delta R.T. 0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

Tgt Ion:	43	Resp:	176229
Ion	Ratio	Lower	Upper
43	100		
58	27.4	21.4	32.0





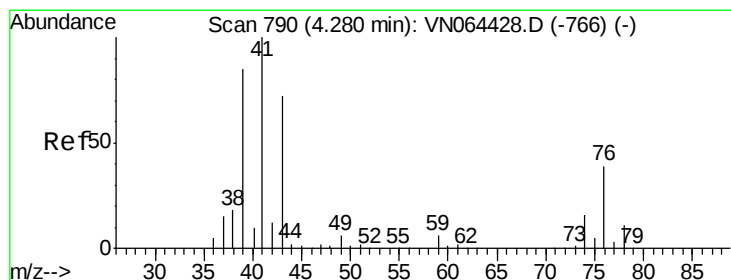
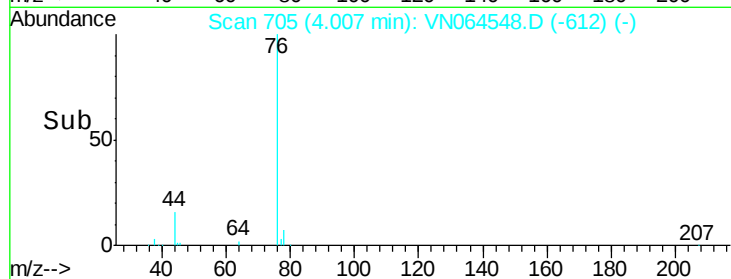
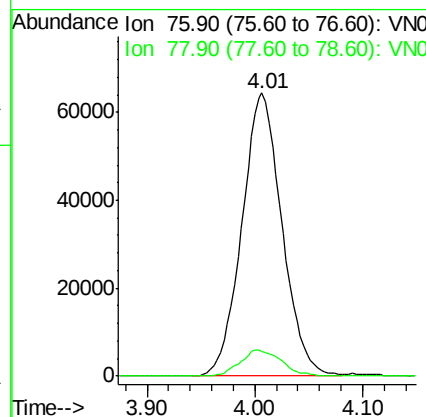
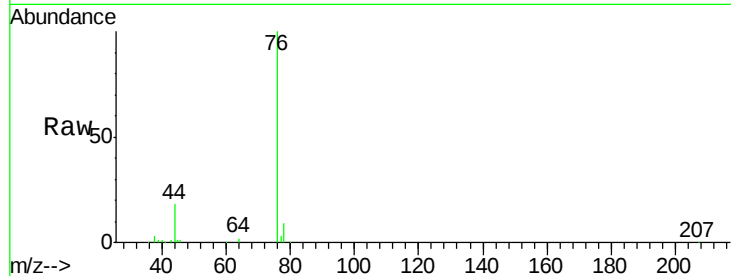
#17
Carbon Disulfide
Concen: 17.578 ug/l
RT: 4.01 min Scan# 705
Delta R.T. -0.00 min
Lab File: VN064548.D
Acq: 11 Nov 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
76	100	166118		
78	8.7	6.8	6.8	10.2

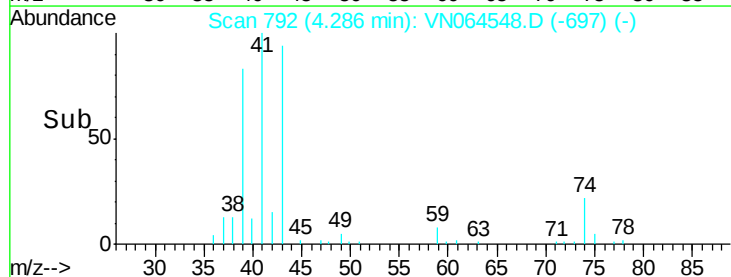
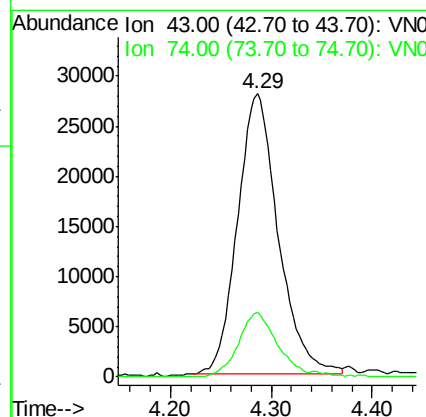
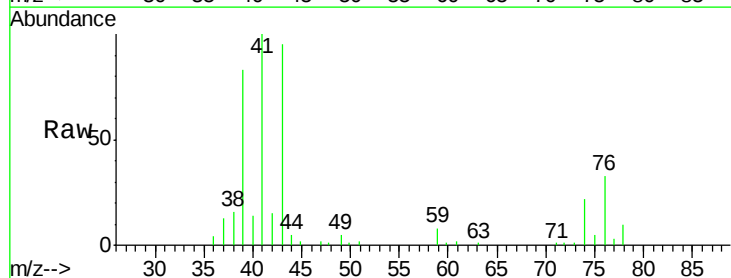
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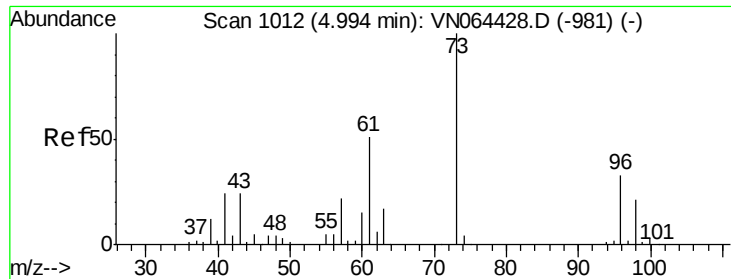
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#18
Methyl Acetate
Concen: 20.337 ug/l
RT: 4.29 min Scan# 792
Delta R.T. 0.01 min
Lab File: VN064548.D
Acq: 11 Nov 2020 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	78385		
74	21.8	17.0	17.0	25.4





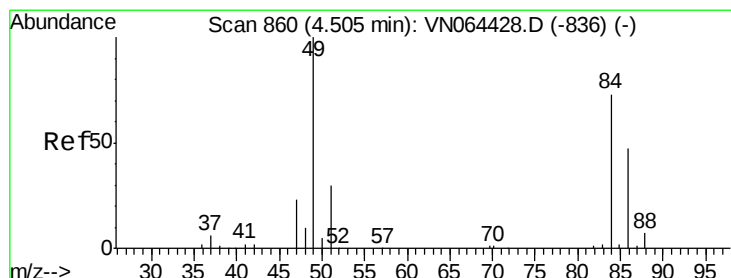
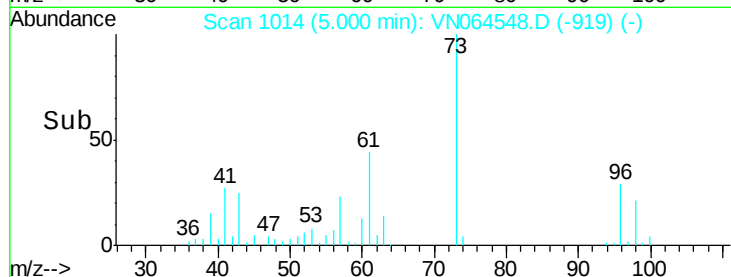
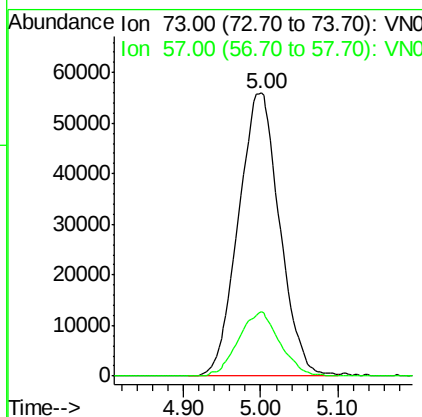
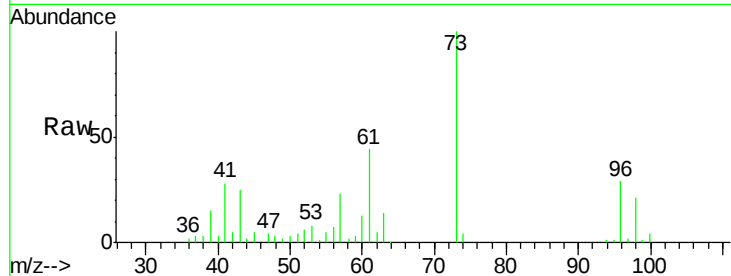
#19
Methvl tert-butvl Ether
Concen: 18.251 ug/l
RT: 5.00 min Scan# 1014
Delta R.T. 0.01 min
Lab File: VN064548.D
Acq: 11 Nov 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

Tot Ion: 73 Resp: 207571
Ion Ratio Lower Upper
73 100
57 22.8 17.7 26.5

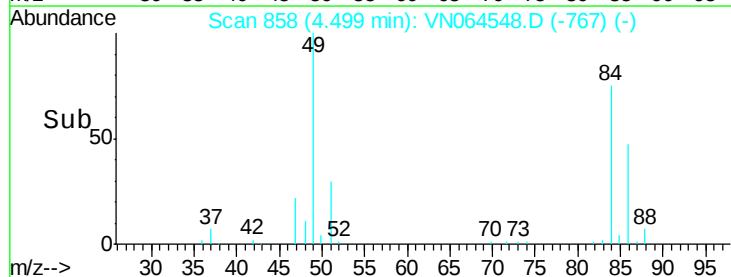
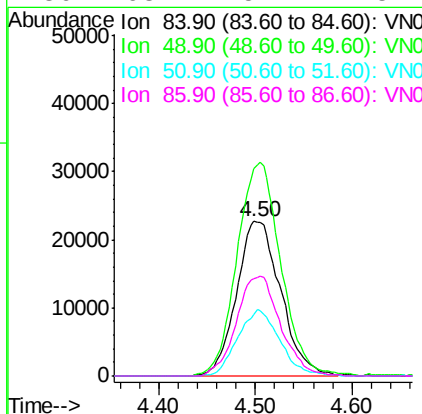
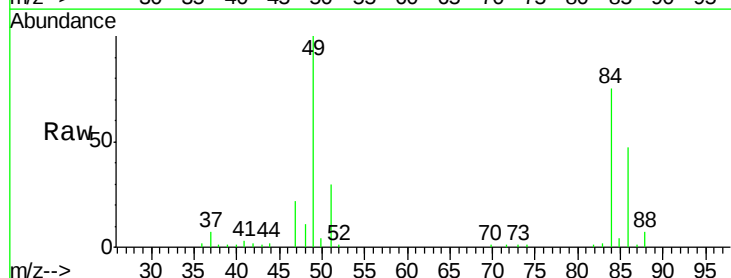
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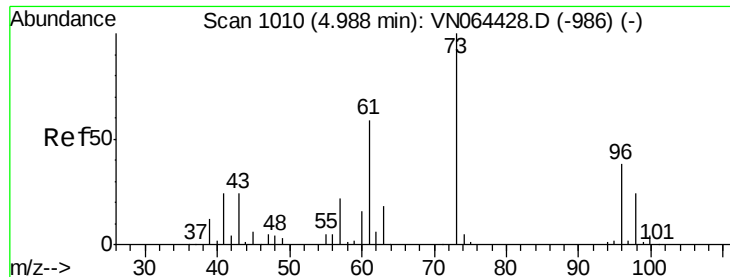
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#20
Methylene Chloride
Concen: 18.499 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.01 min
Lab File: VN064548.D
Acq: 11 Nov 2020 12:24

Tgt Ion: 84 Resp: 71956
Ion Ratio Lower Upper
84 100
49 134.1 110.1 165.1
51 40.1 33.6 50.4
86 63.4 52.1 78.1





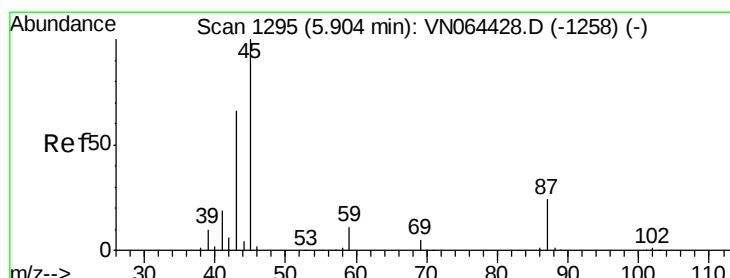
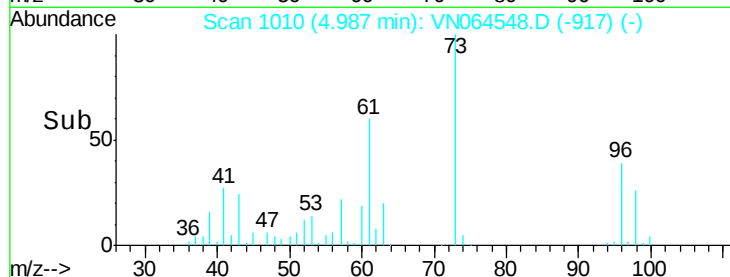
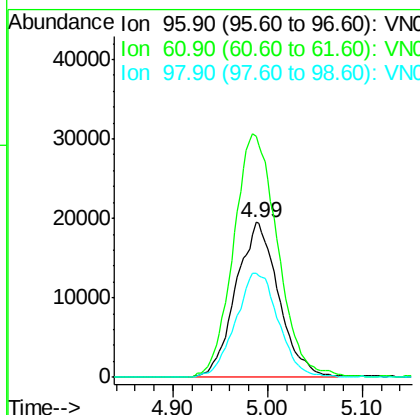
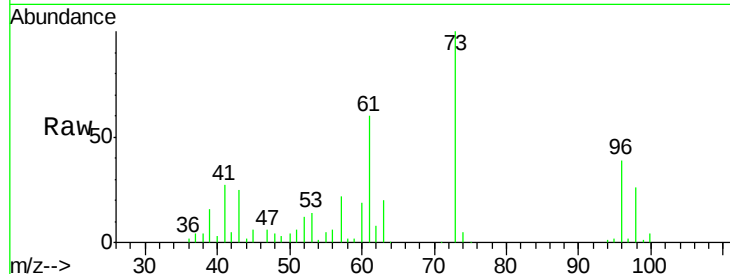
#21
trans-1,2-Dichloroethene
Concen: 17.097 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN064548.D
Acq: 11 Nov 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	155.7	122.4	183.6
98	67.4	50.4	75.6

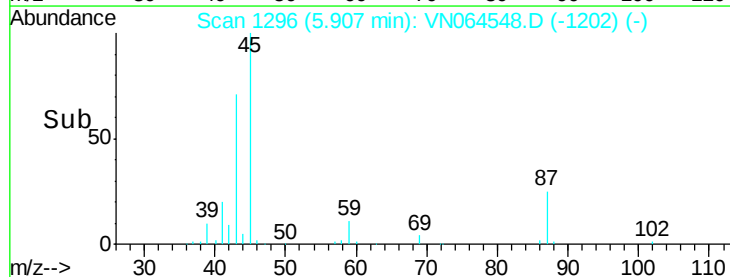
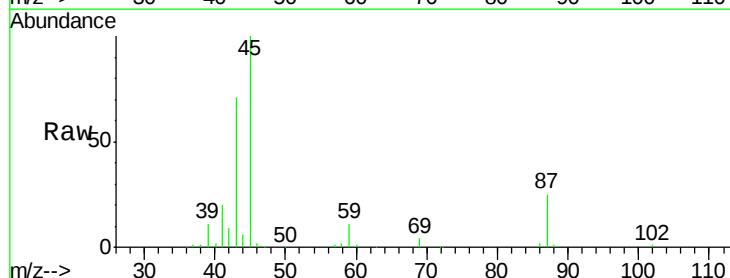
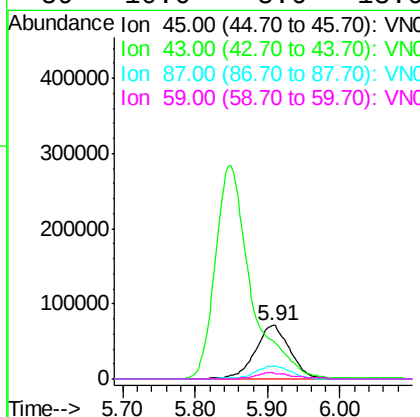
Manual Integrations
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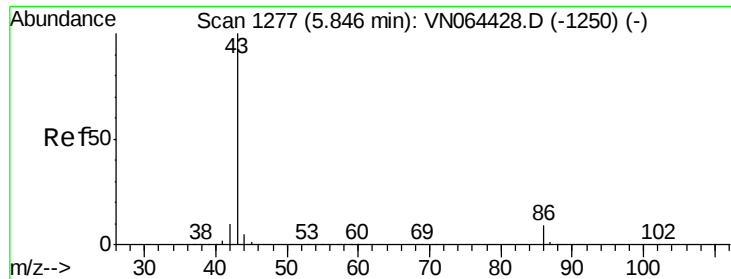
MMDadoda
11/12/2020 9:12:23 AM



#22
Diisopropyl ether
Concen: 18.178 ug/l
RT: 5.91 min Scan# 1296
Delta R.T. 0.00 min
Lab File: VN064548.D
Acq: 11 Nov 2020 12:24

Tgt Ion	Ratio	Lower	Upper
45	100		
43	68.0	53.2	79.8
87	24.9	19.9	29.9
59	10.6	8.6	13.0





#23

Vinyl Acetate

Concen: 91.186 ug/l

RT: 5.85 min Scan# 1278

Delta R.T. 0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

Tot Ion: 43 Resp: 973391

Ion Ratio Lower Upper

43 100

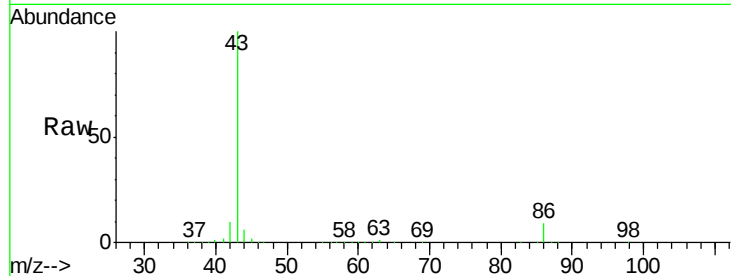
86 9.3 6.8 10.2

Manual Integrations

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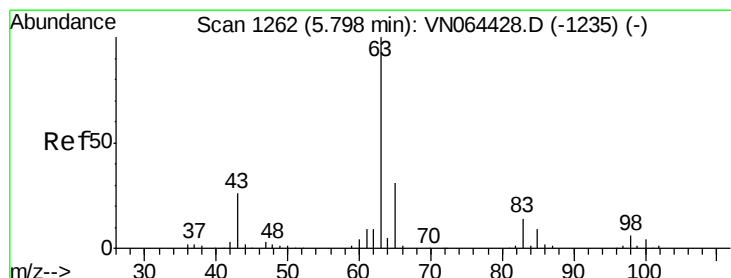
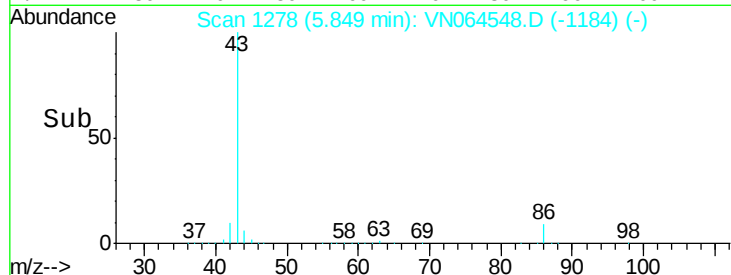
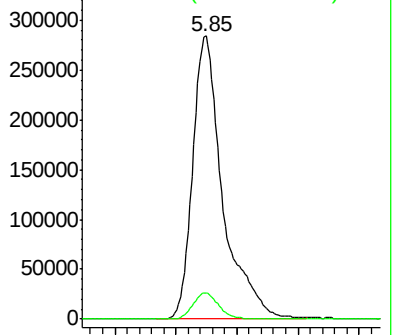
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 18.494 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

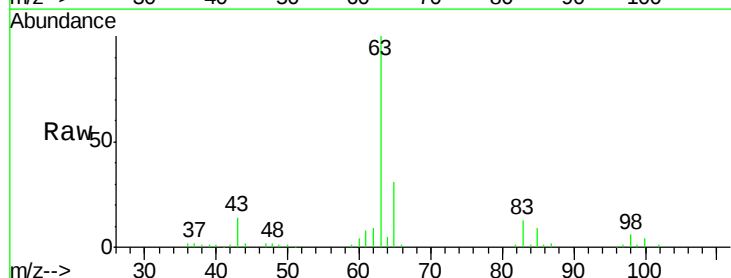
Tgt Ion: 63 Resp: 133355

Ion Ratio Lower Upper

63 100

98 5.7 3.0 9.2

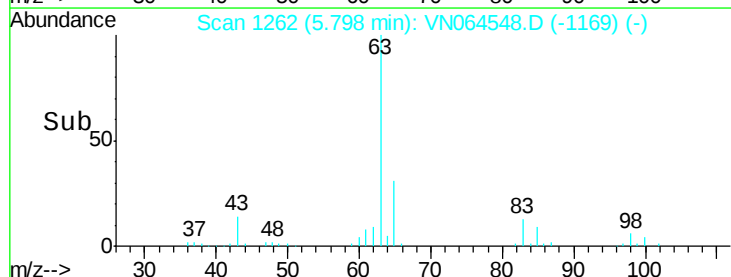
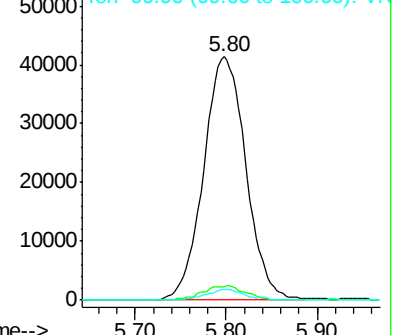
100 4.4 1.8 5.3

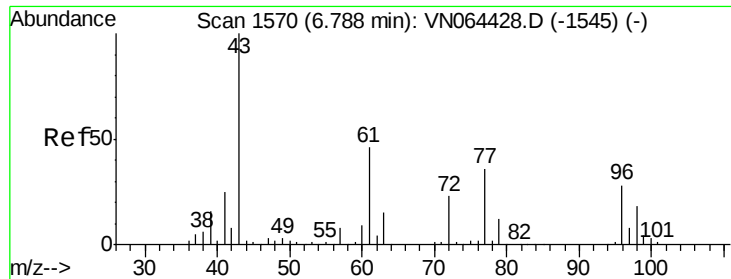


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 93.677 ug/l

RT: 6.79 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

Tot Ion: 43 Resp: 233999

Ion Ratio Lower Upper

43 100

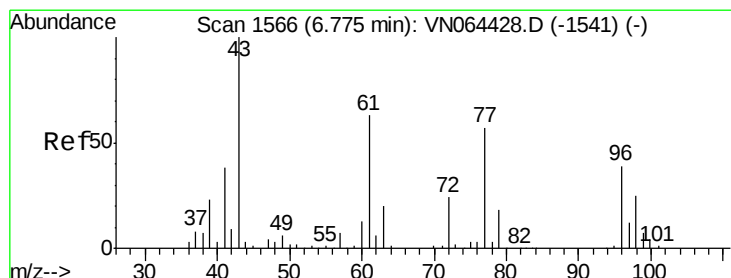
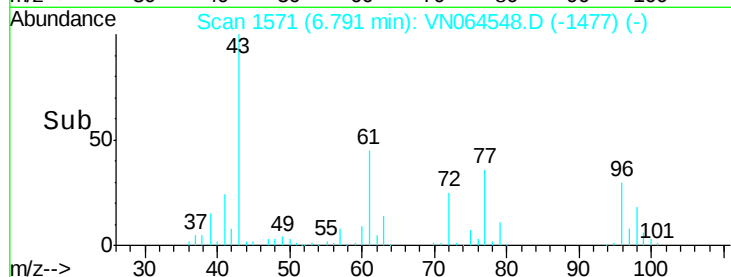
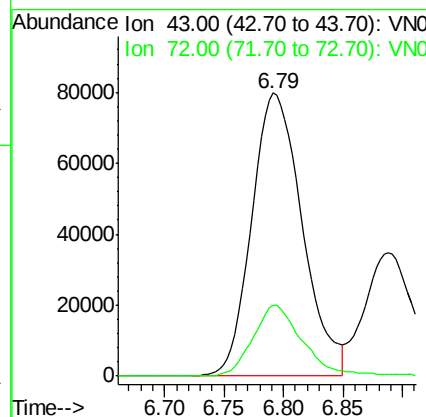
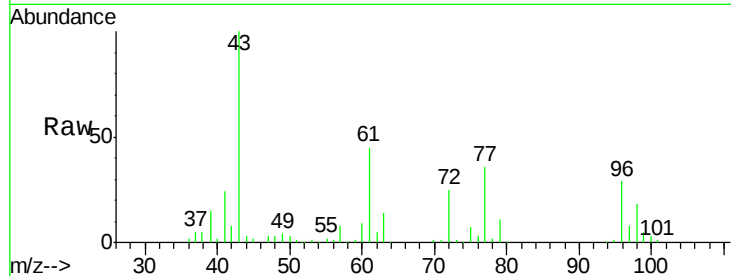
72 24.9 18.5 27.7

Manual Integrations

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11/12/2020 9:12:23 AM



#26

2,2-Dichloropropane

Concen: 17.953 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN064548.D

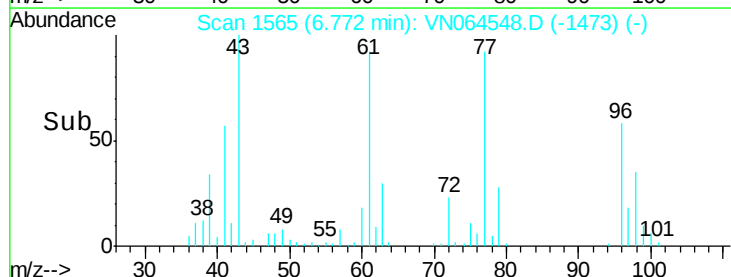
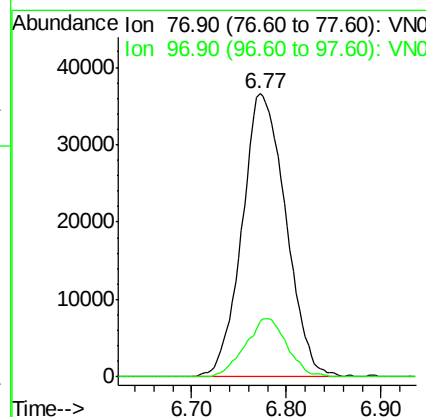
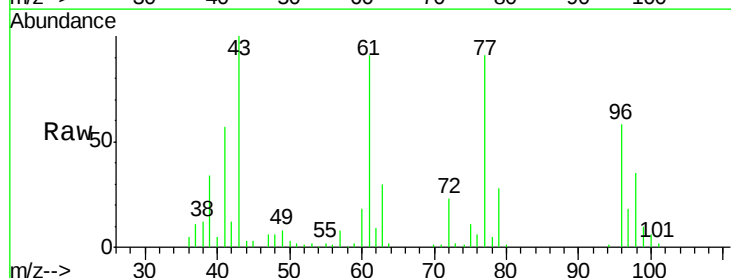
Acq: 11 Nov 2020 12:24

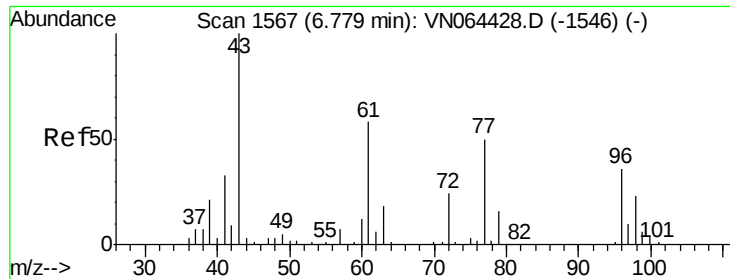
Tgt Ion: 77 Resp: 117187

Ion Ratio Lower Upper

77 100

97 19.7 10.2 30.6





#27

cis-1,2-Dichloroethene

Concen: 18.870 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_N

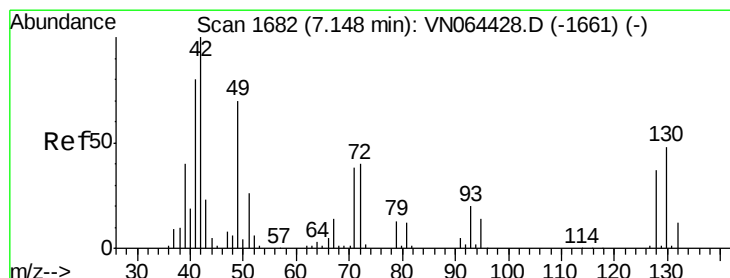
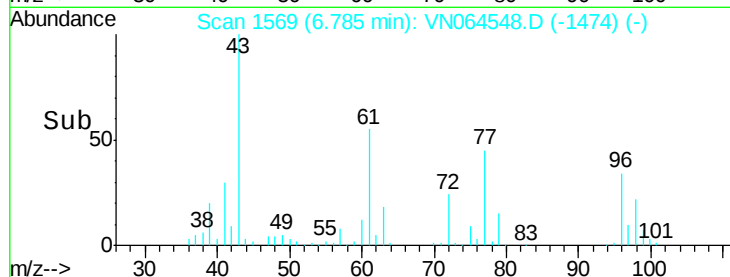
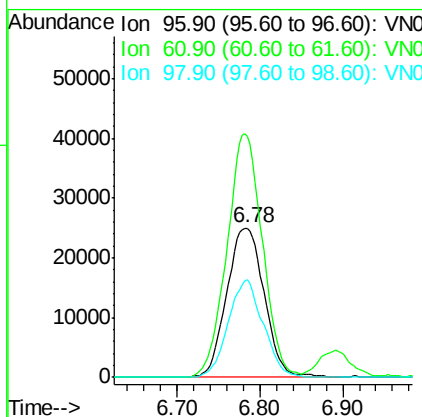
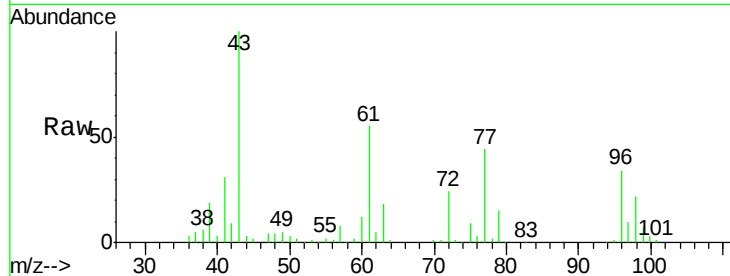
ClientSampleId :

VN1111WBSD01

Tot Ion:	96	Resp:	78453
Ion	Ratio	Lower	Upper
96	100		
61	154.3	0.0	329.6
98	60.8	0.0	131.2

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#28

Bromochloromethane

Concen: 16.788 ug/l

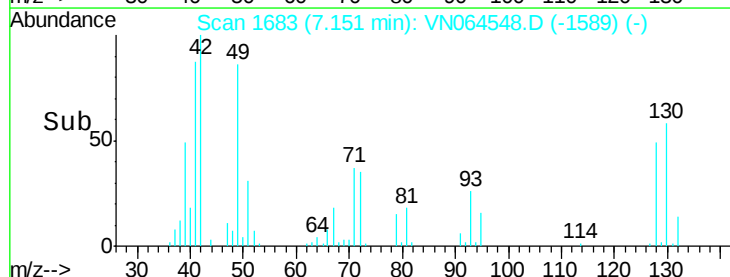
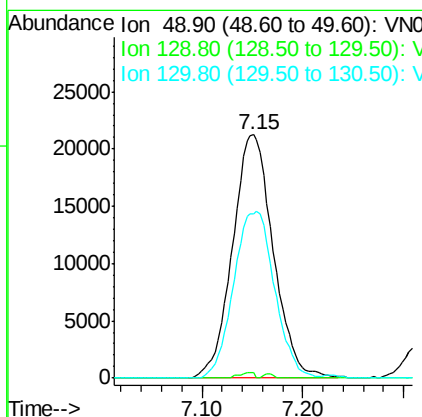
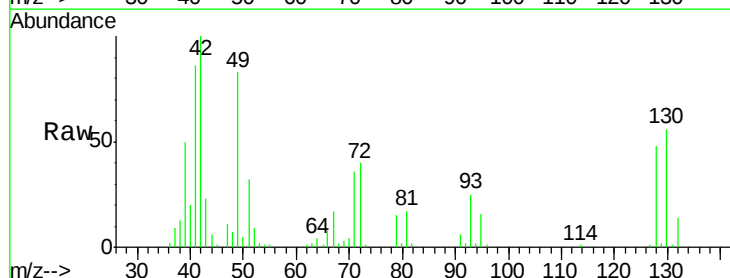
RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

Tgt Ion:	49	Resp:	59501
Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	3.6
130	68.7	54.2	81.4





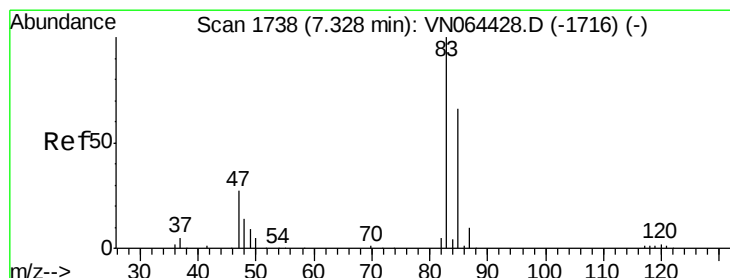
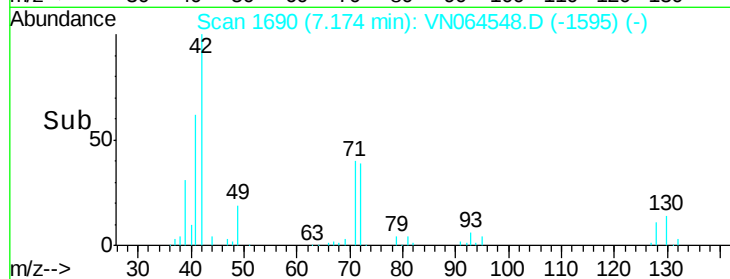
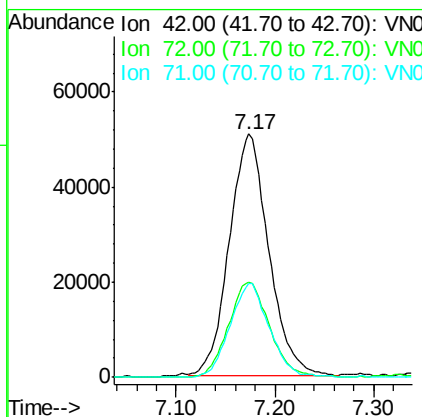
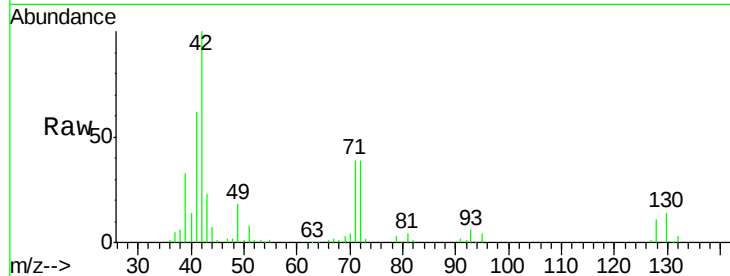
#29
Tetrahydrofuran
Concen: 91.753 ug/l
RT: 7.17 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VN064548.D
Acq: 11 Nov 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.1	31.7	47.5
71	38.9	29.8	44.6

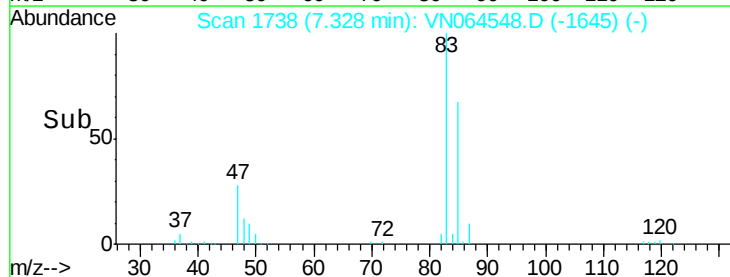
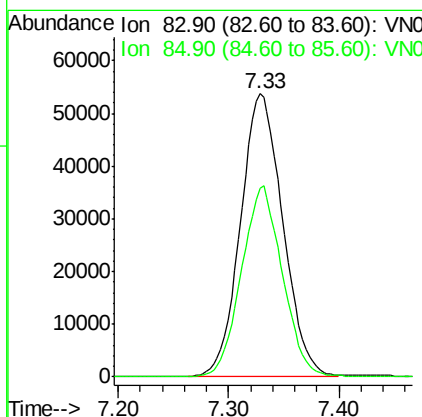
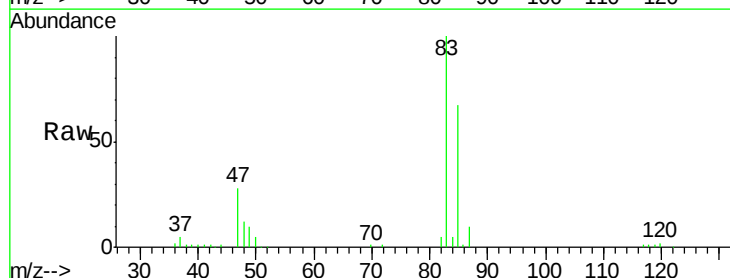
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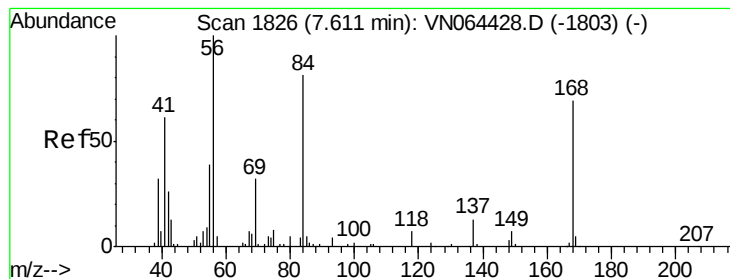
MMDadoda
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#30
Chloroform
Concen: 18.876 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN064548.D
Acq: 11 Nov 2020 12:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.9	52.5	78.7





#31

Cyclohexane

Concen: 16.216 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_N

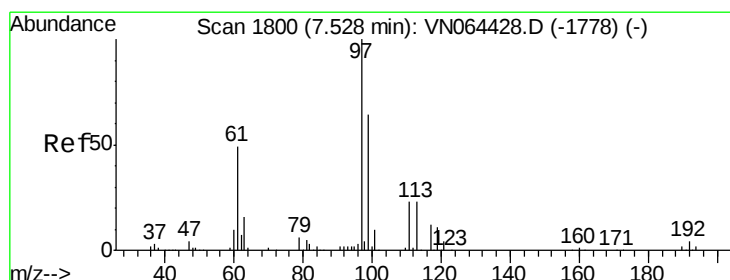
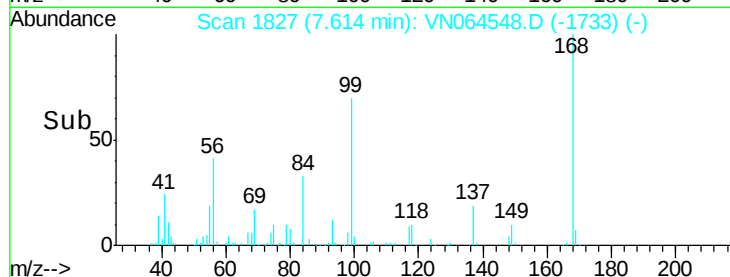
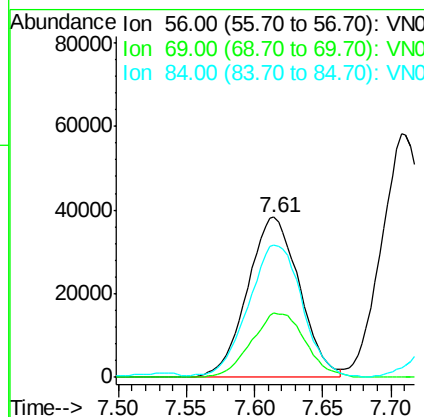
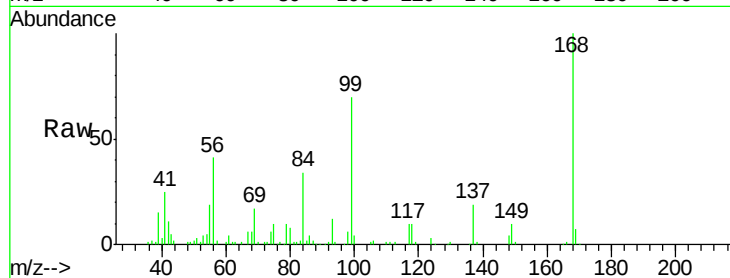
ClientSampleId :

VN1111WBSD01

Tot Ion:	56	Resp:	101454
Ion Ratio	Lower	Upper	
56	100		
69	40.1	25.6	38.4#
84	81.7	63.0	94.6

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#32

1,1,1-Trichloroethane

Concen: 18.426 ug/l

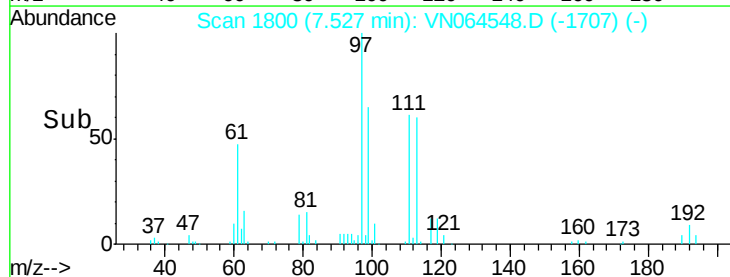
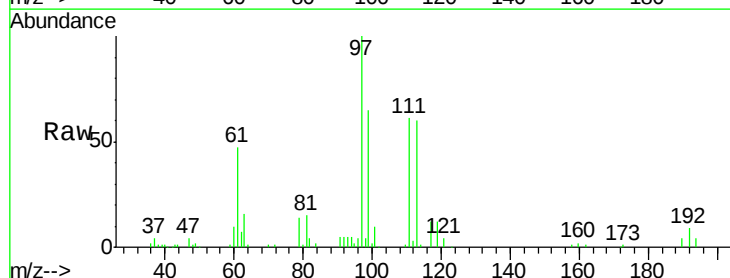
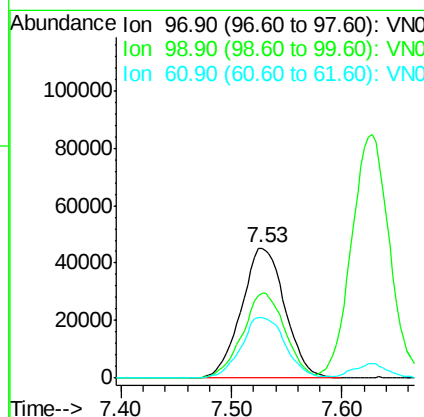
RT: 7.53 min Scan# 1800

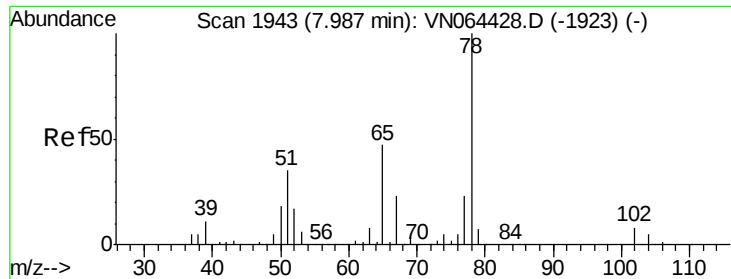
Delta R.T. -0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

Tgt Ion:	97	Resp:	123872
Ion Ratio	Lower	Upper	
97	100		
99	63.6	51.3	76.9
61	47.0	39.1	58.7





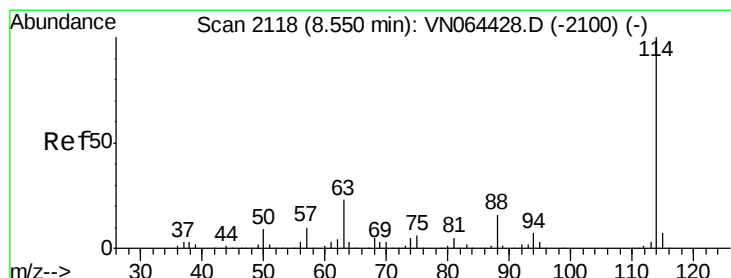
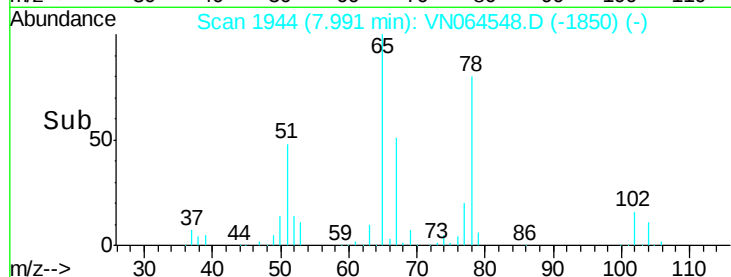
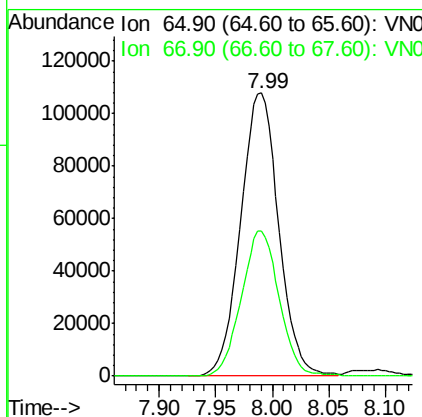
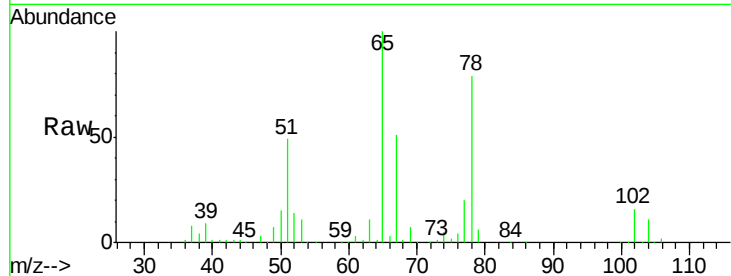
#33
 1,2-Dichloroethane-d4
 Concen: 49.110 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN064548.D
 Acq: 11 Nov 2020 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	252755		
67	50.9	0.0	101.6	

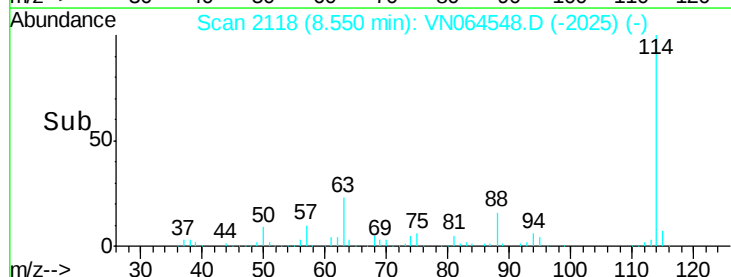
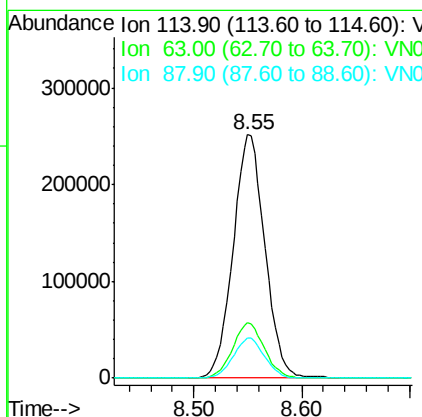
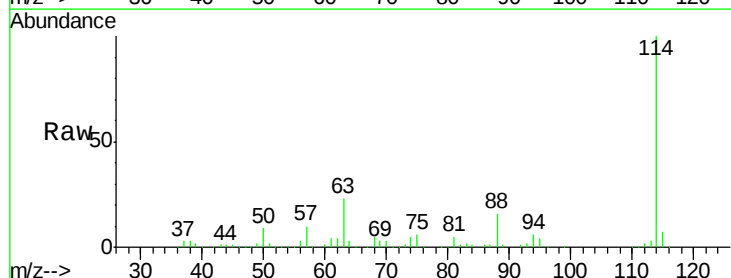
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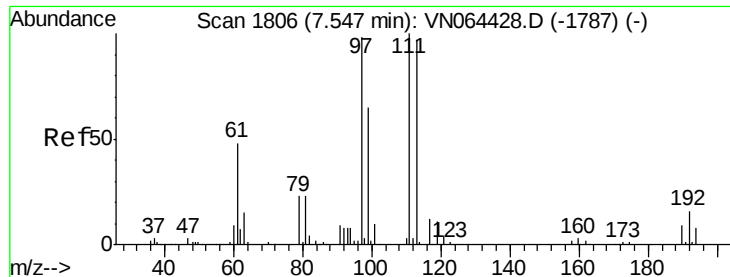
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064548.D
 Acq: 11 Nov 2020 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	516068		
63	22.7	0.0	45.6	
88	16.4	0.0	32.8	





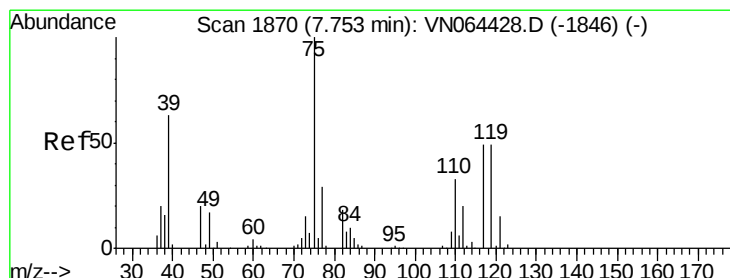
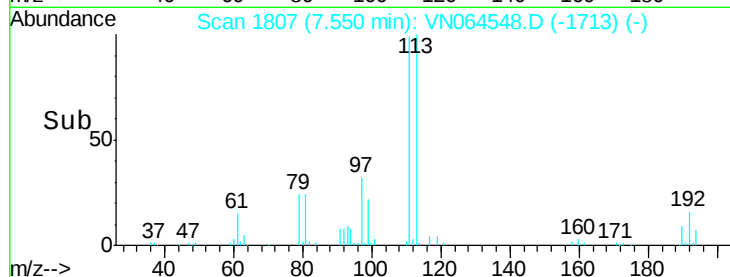
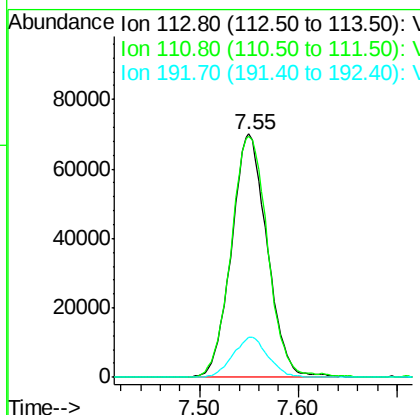
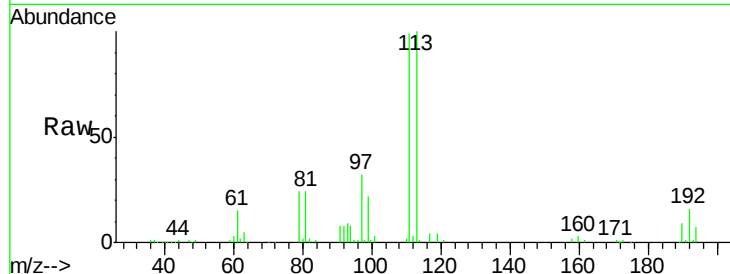
#35
 Dibromofluoromethane
 Concen: 50.035 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064548.D
 Acq: 11 Nov 2020 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	175808		
111	102.3	81.1	121.7	
192	16.2	12.8	19.2	

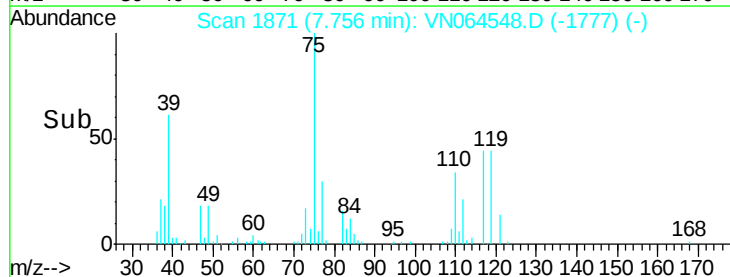
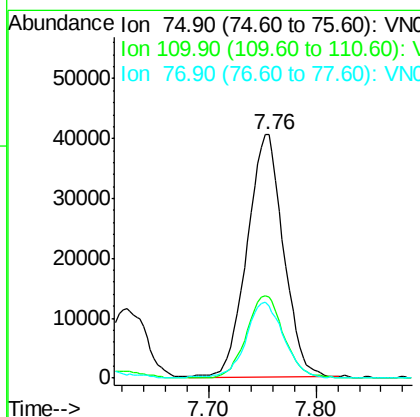
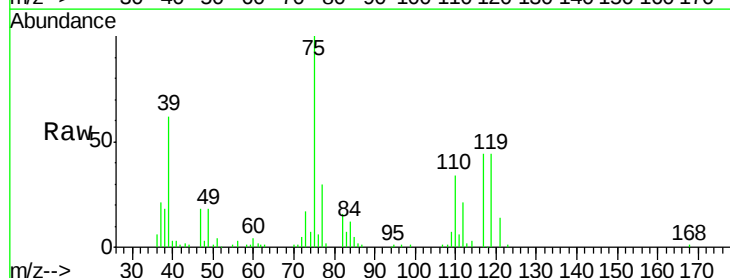
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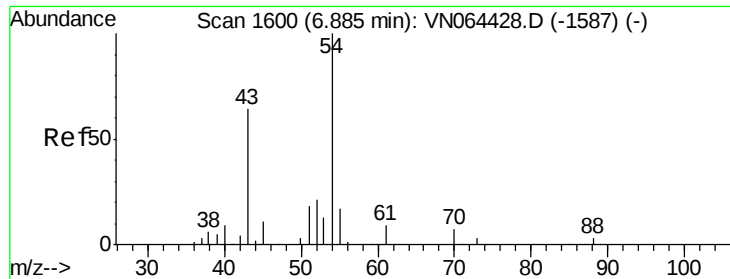
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#36
 1,1-Dichloropropene
 Concen: 17.291 ug/l
 RT: 7.76 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN064548.D
 Acq: 11 Nov 2020 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	94267		
110	35.0	16.0	48.0	
77	31.6	24.0	36.0	





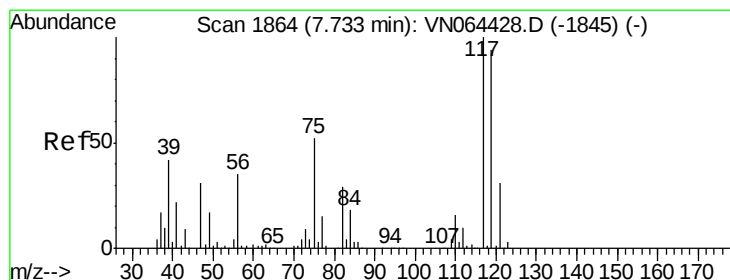
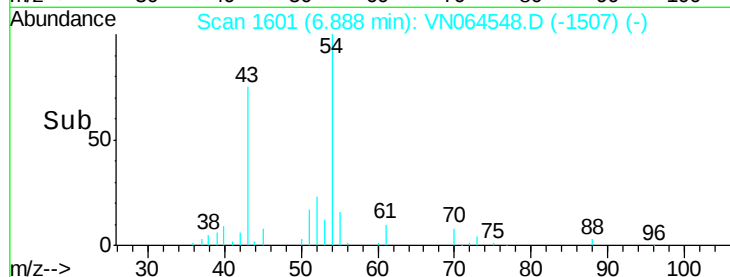
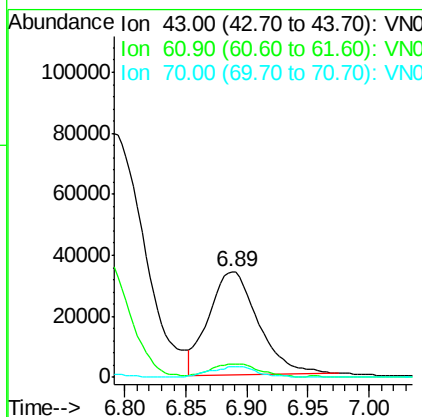
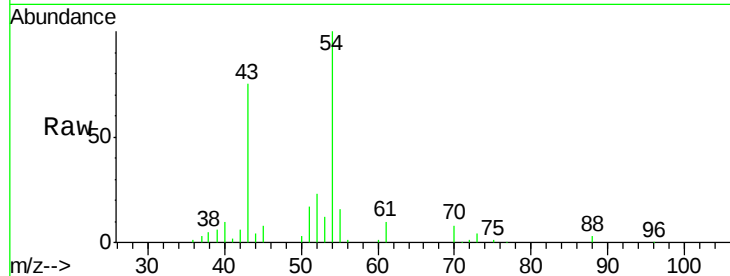
#37
Ethyl Acetate
Concen: 17.763 ug/l
RT: 6.89 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VN064548.D
Acq: 11 Nov 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

Tot Ion	43	61	70
Resp	95526		
Ratio	100	12.3	10.1
Lower		10.0	7.1
Upper		15.0	10.7

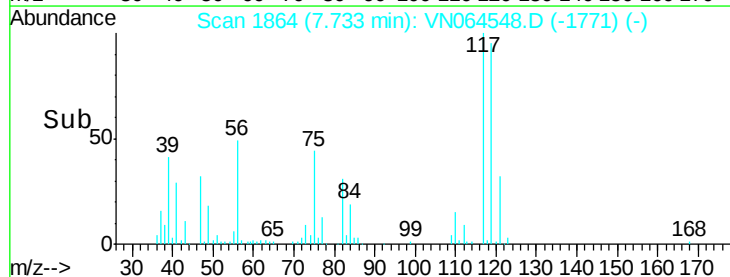
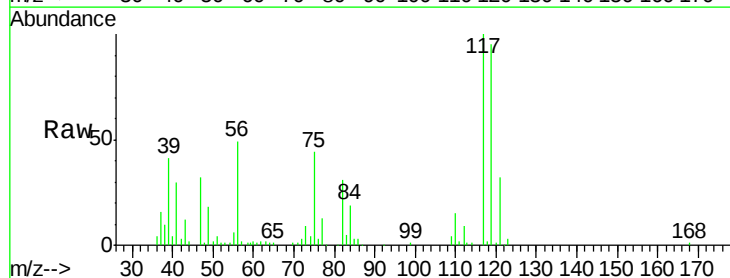
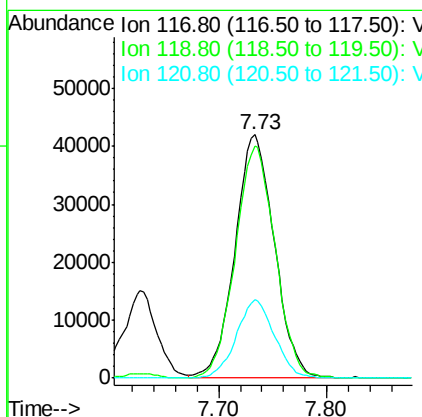
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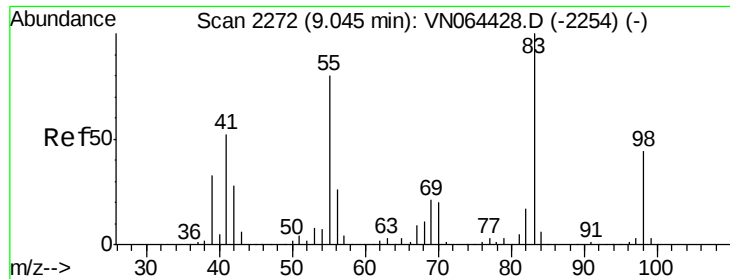
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#38
Carbon Tetrachloride
Concen: 18.391 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064548.D
Acq: 11 Nov 2020 12:24

Tgt Ion	117	119	121
Resp	107162		
Ratio	100	95.1	32.1
Lower		75.5	24.4
Upper		113.3	36.6





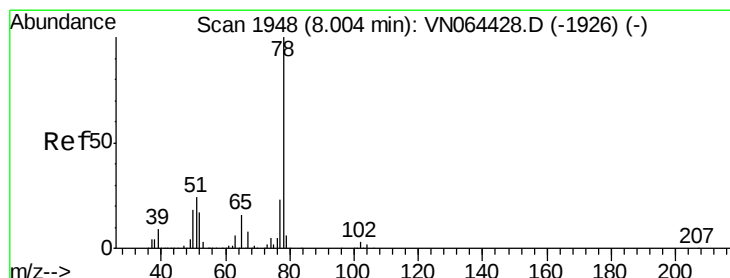
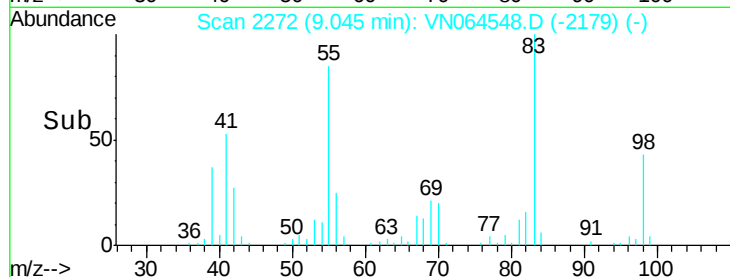
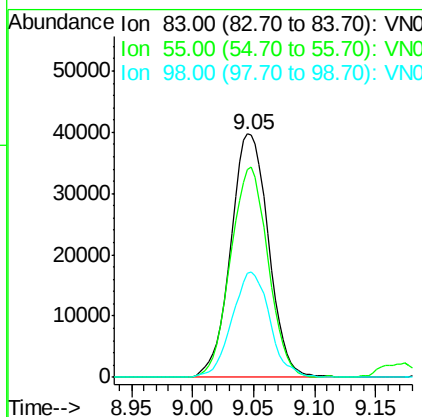
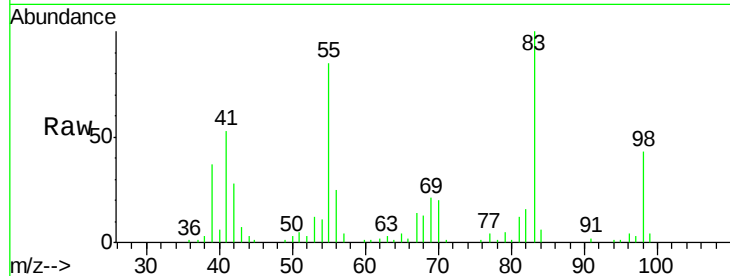
#39
Methvlcvclohexane
Concen: 17.452 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064548.D
Acq: 11 Nov 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	85.2	63.8	95.6
98	42.6	35.4	53.2

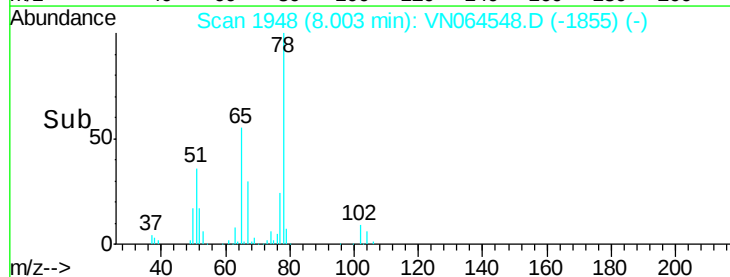
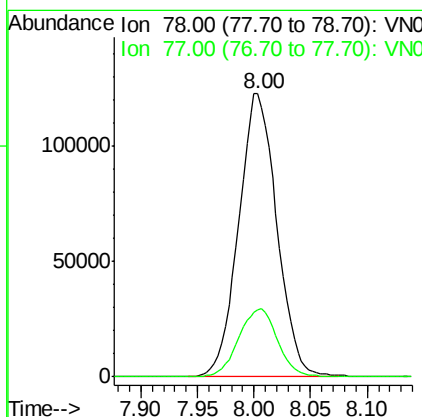
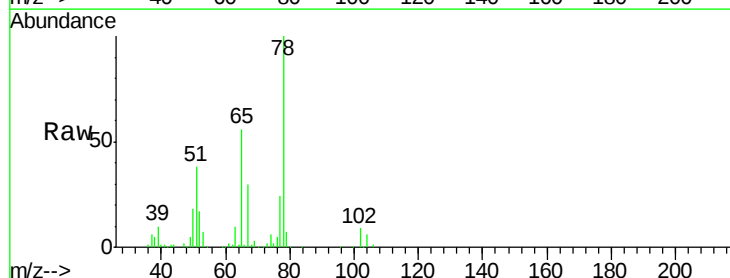
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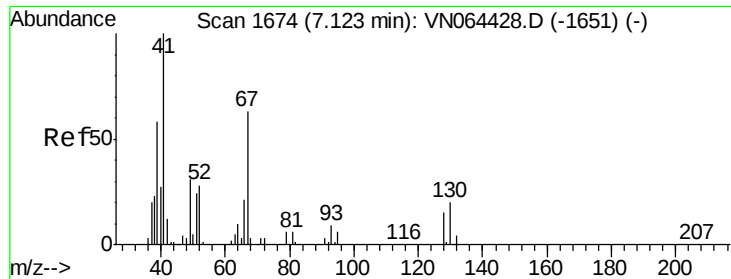
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11/12/2020 9:12:23 AM



#40
Benzene
Concen: 18.012 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN064548.D
Acq: 11 Nov 2020 12:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.7	28.1





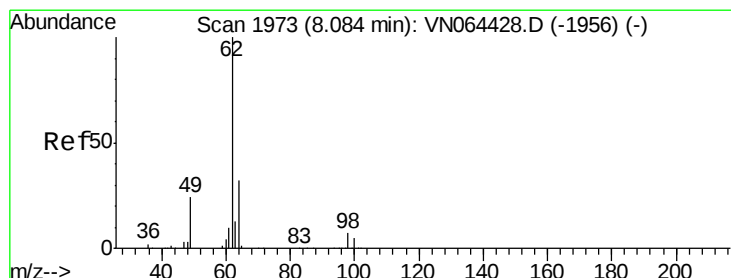
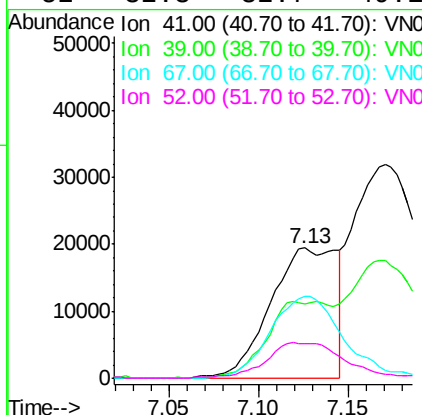
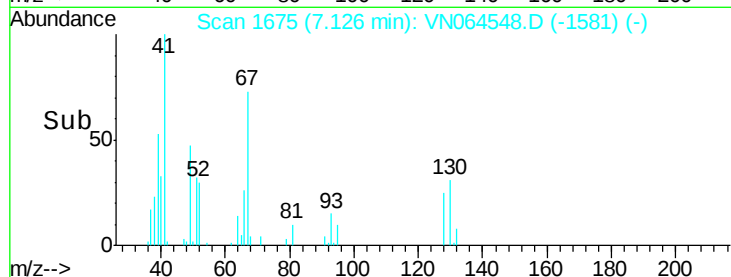
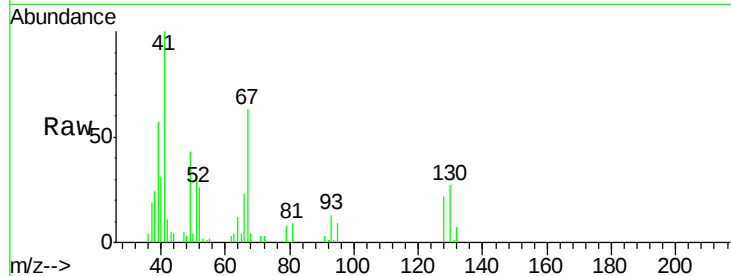
#41
Methacrylonitrile
Concen: 20.613 ug/l m
RT: 7.13 min Scan# 1675
Delta R.T. 0.00 min
Lab File: VN064548.D
Acq: 11 Nov 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	35.0	50.0	75.0#	
67	69.9	68.3	102.5	
52	32.3	32.7	49.1#	

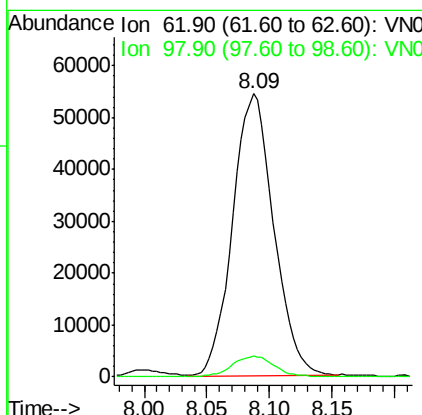
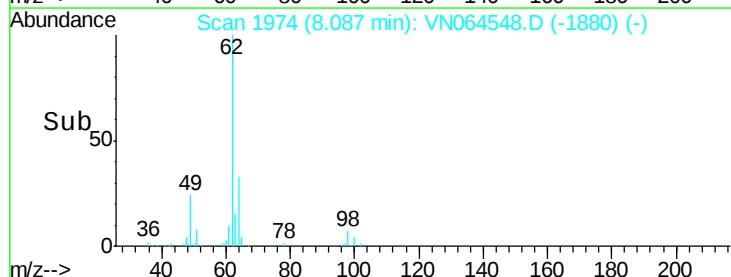
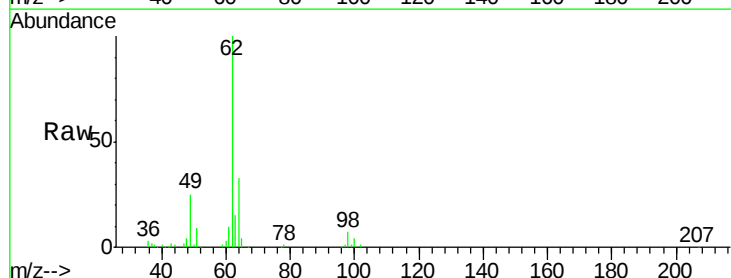
Manual Integrations
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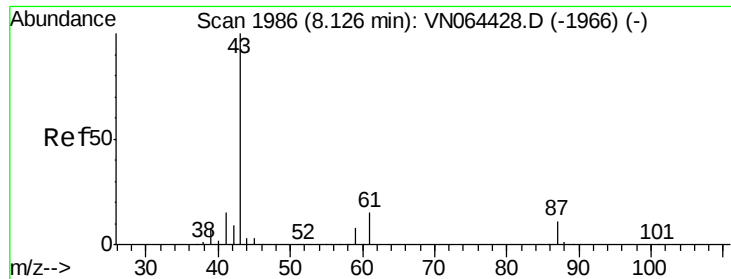
MMDadoda
11/12/2020 9:12:23 AM



#42
1,2-Dichloroethane
Concen: 19.232 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064548.D
Acq: 11 Nov 2020 12:24

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	7.5	0.0	14.0	





#43

Isopropyl Acetate

Concen: 18.723 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_N

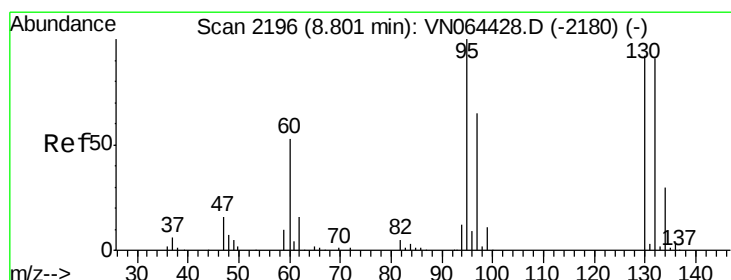
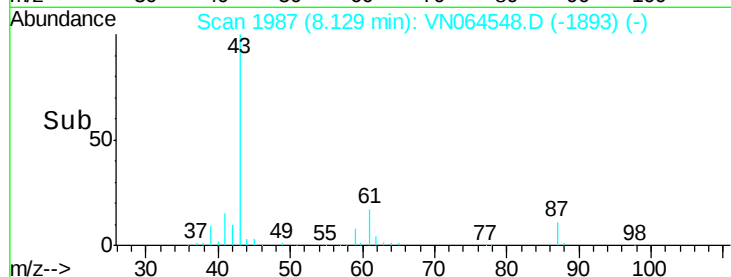
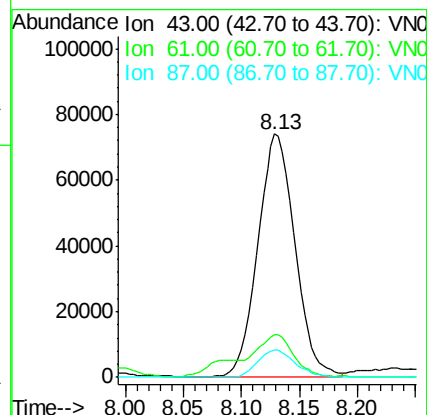
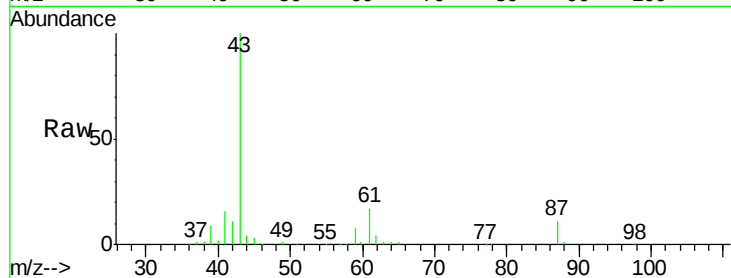
ClientSampleId :

VN1111WBSD01

Tot Ion:	43	Resp:	165427
Ion	Ratio	Lower	Upper
43	100		
61	16.6	14.0	21.0
87	11.2	9.1	13.7

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#44

Trichloroethene

Concen: 17.552 ug/l

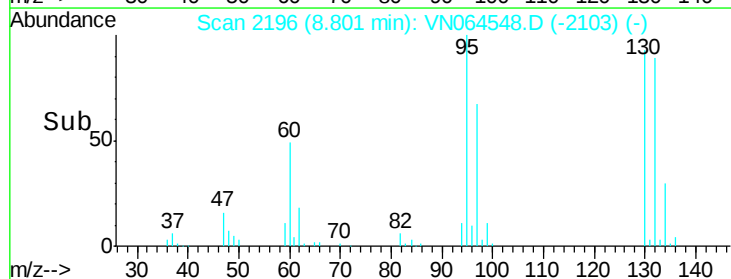
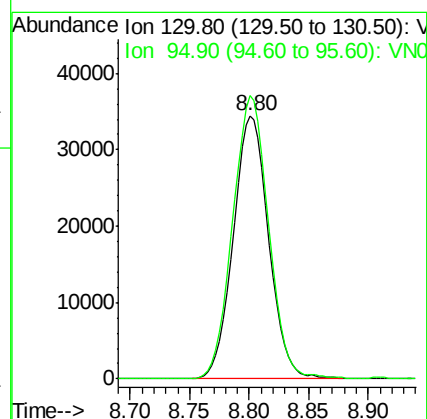
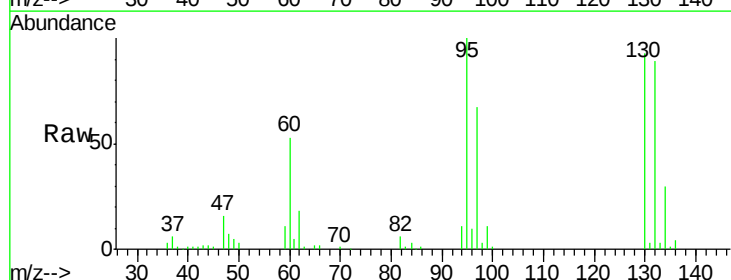
RT: 8.80 min Scan# 2196

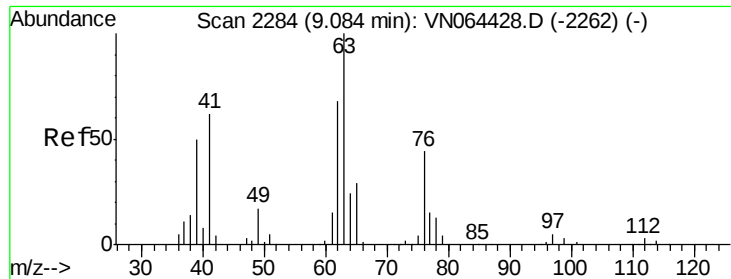
Delta R.T. -0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

Tgt Ion:	130	Resp:	70944
Ion	Ratio	Lower	Upper
130	100		
95	107.5	0.0	216.8





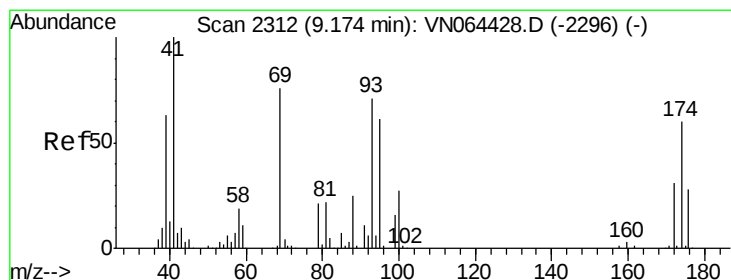
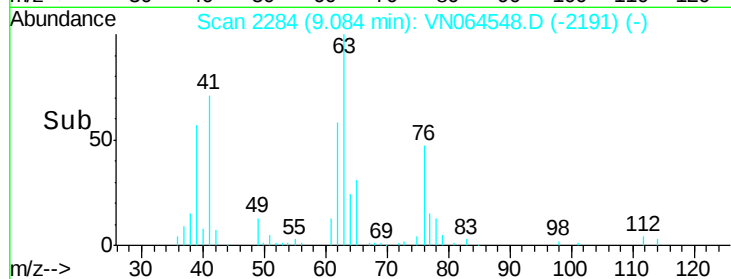
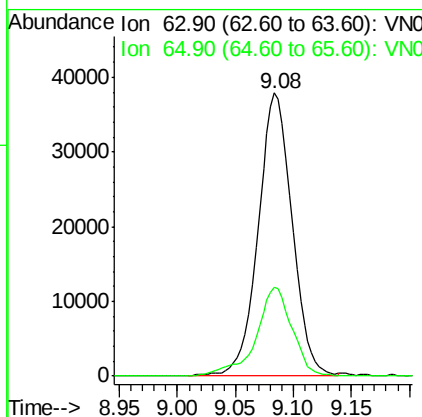
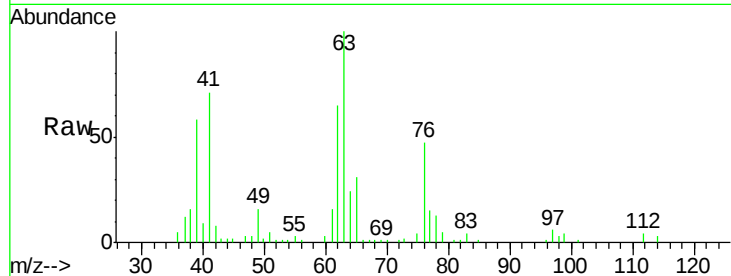
#45
 1,2-Dichloropropane
 Concen: 18.090 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064548.D
 Acq: 11 Nov 2020 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBSD01

Tot Ion: 63 Resp: 77328
 Ion Ratio Lower Upper
 63 100
 65 31.3 23.6 35.4

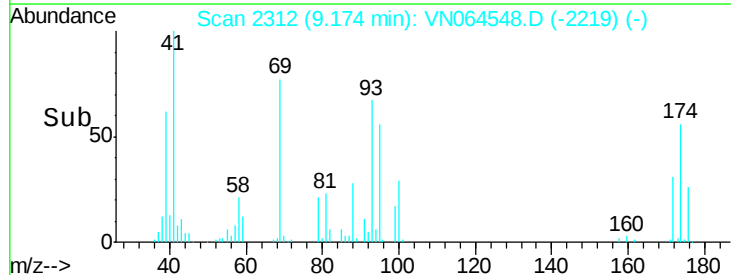
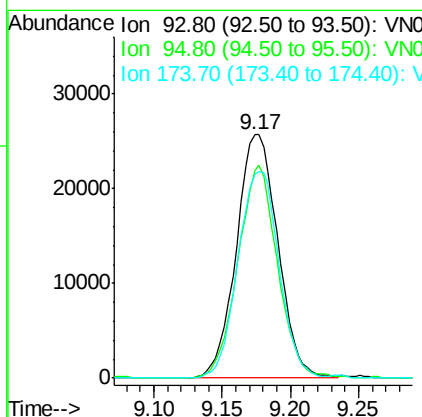
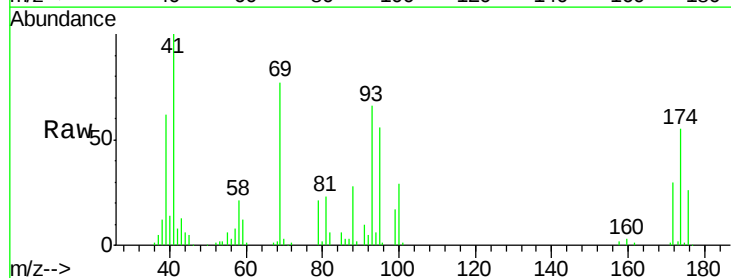
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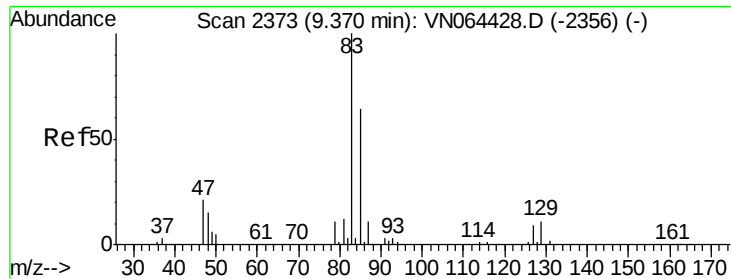
MMDadoda
 11/12/2020 9:12:23 AM



#46
 Dibromomethane
 Concen: 19.324 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN064548.D
 Acq: 11 Nov 2020 12:24

Tgt Ion: 93 Resp: 54377
 Ion Ratio Lower Upper
 93 100
 95 83.5 66.4 99.6
 174 84.3 67.2 100.8





#47

Bromodichloromethane

Concen: 19.589 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_N

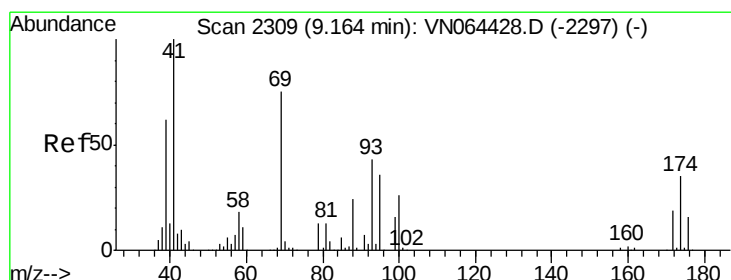
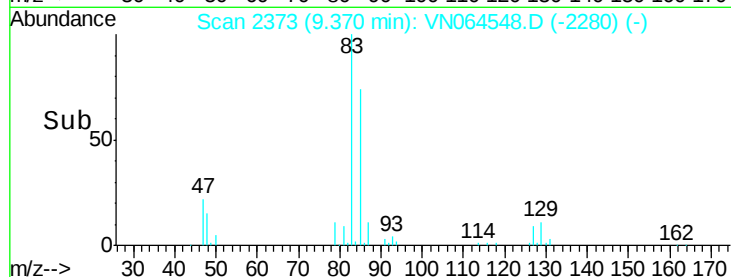
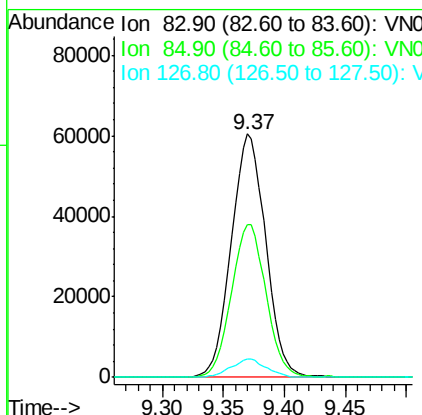
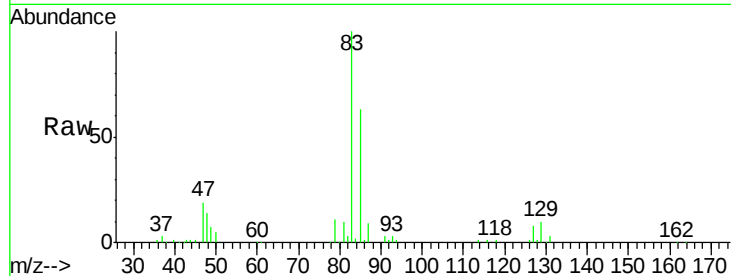
ClientSampleId :

VN1111WBSD01

Tot Ion	83	Resp	118526
Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.2	76.8
127	7.7	6.9	10.3

Manual Integrations
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MMDadoda
11/12/2020 9:12:23 AM



#48

Methyl methacrylate

Concen: 18.630 ug/l

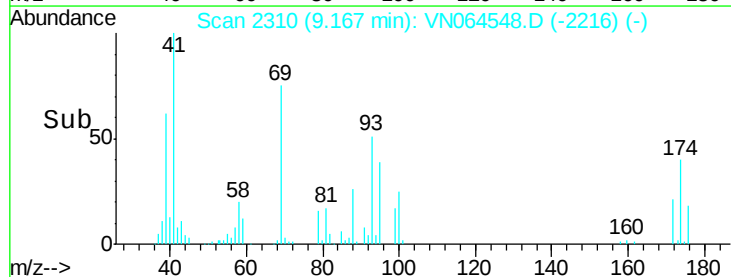
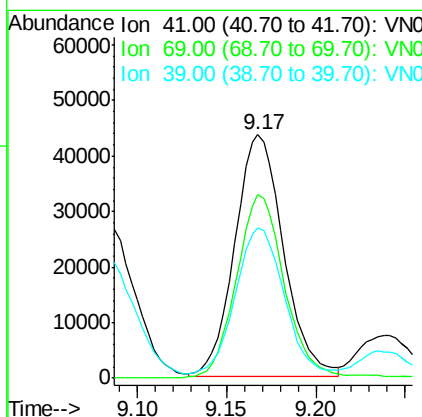
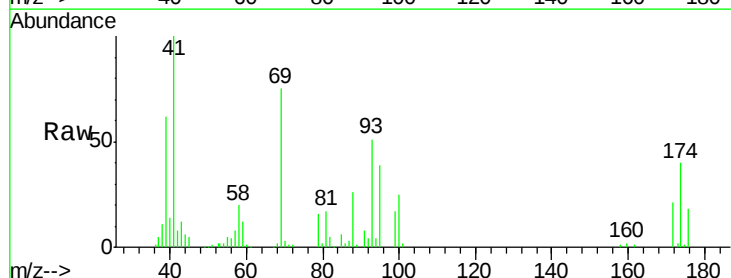
RT: 9.17 min Scan# 2310

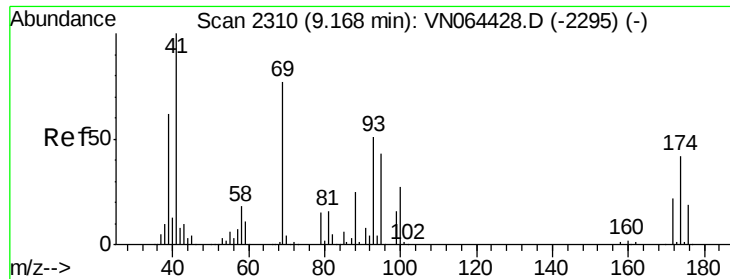
Delta R.T. 0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

Tgt Ion	41	Resp	83058
Ion	Ratio	Lower	Upper
41	100		
69	75.0	60.4	90.6
39	61.9	51.2	76.8





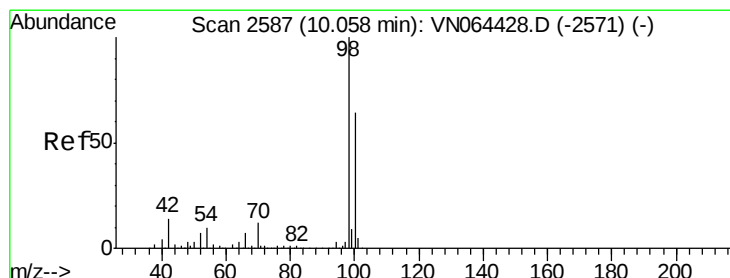
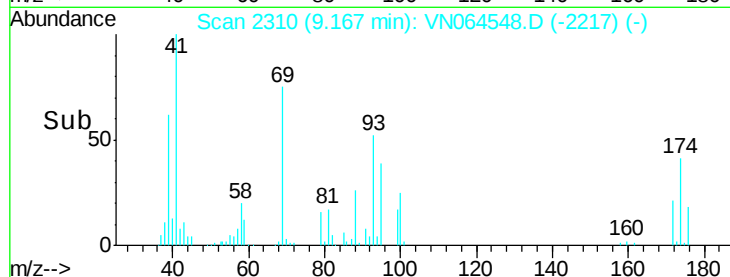
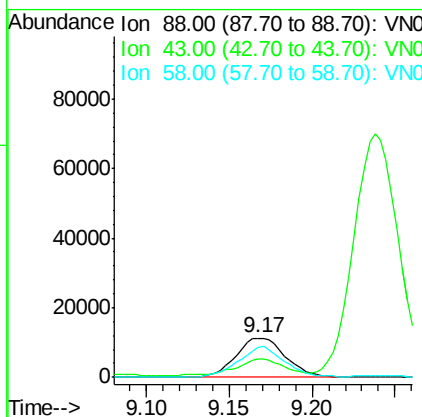
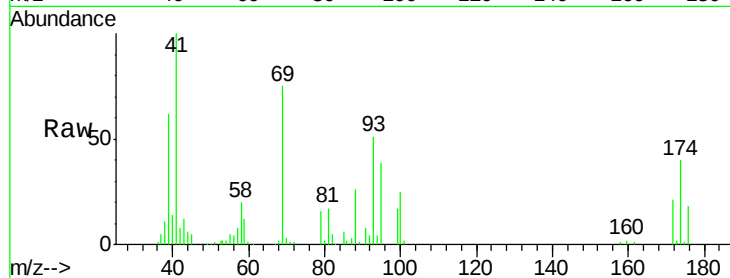
#49
1,4-Dioxane
Concen: 400.105 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN064548.D
Acq: 11 Nov 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	41.7	31.0	46.6
58	73.7	58.4	87.6

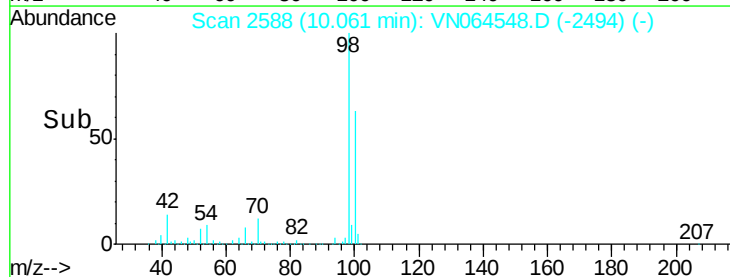
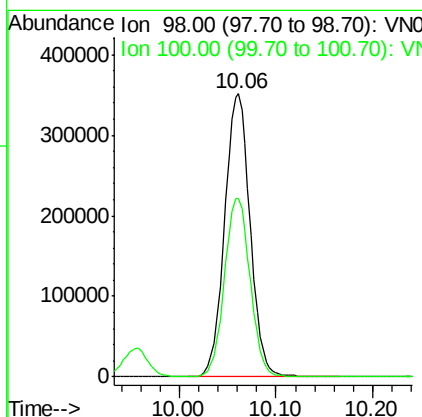
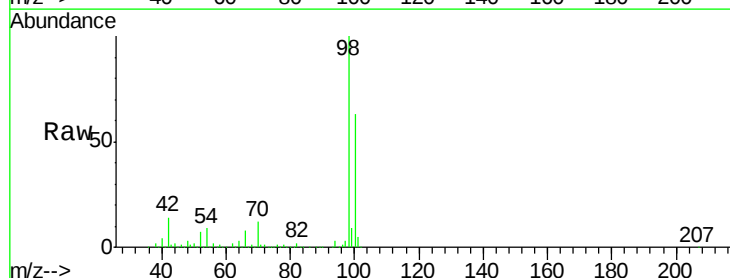
Manual Integrations
APPROVED

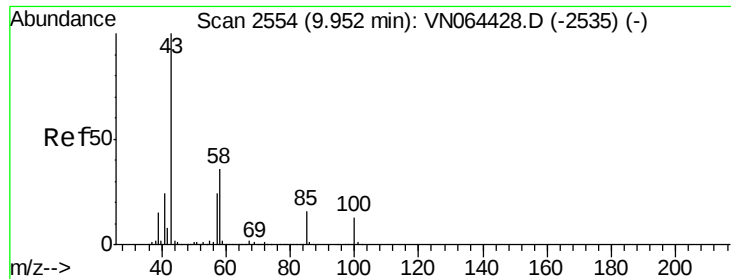
MMDadoda
11/12/2020 9:12:23 AM



#50
Toluene-d8
Concen: 47.247 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064548.D
Acq: 11 Nov 2020 12:24

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	50.7	76.1





#51

4-Methyl-2-Pentanone

Concen: 98.754 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

Tot Ion: 43 Resp: 508826

Ion Ratio Lower Upper

43 100

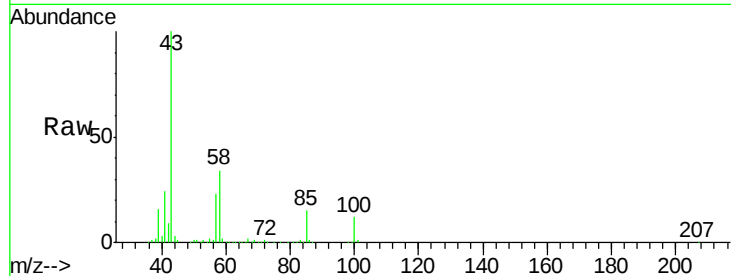
58 35.3 28.4 42.6

Manual Integrations

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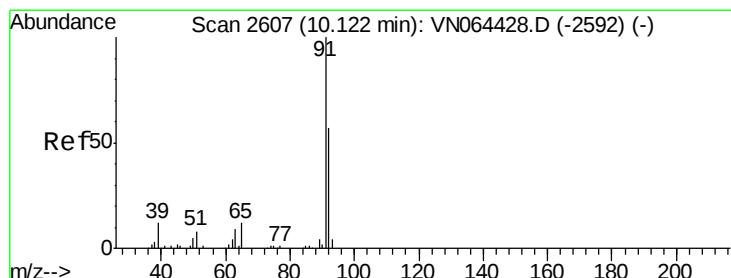
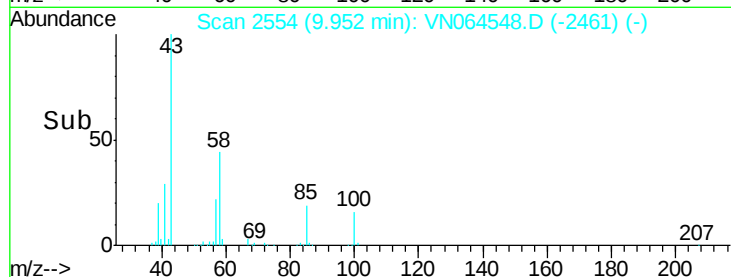
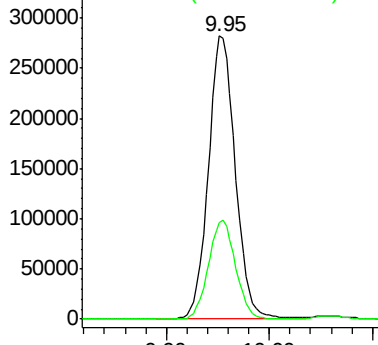
MMDadoda

11/12/2020 9:12:23 AM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 18.349 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064548.D

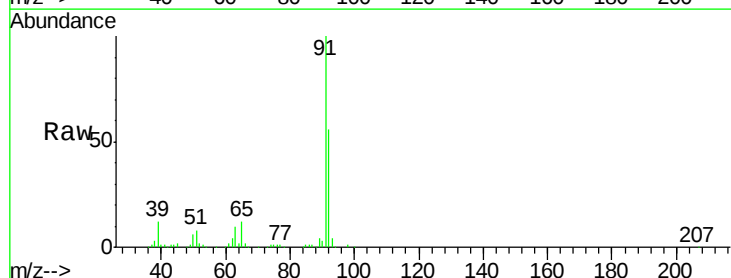
Acq: 11 Nov 2020 12:24

Tgt Ion: 92 Resp: 179295

Ion Ratio Lower Upper

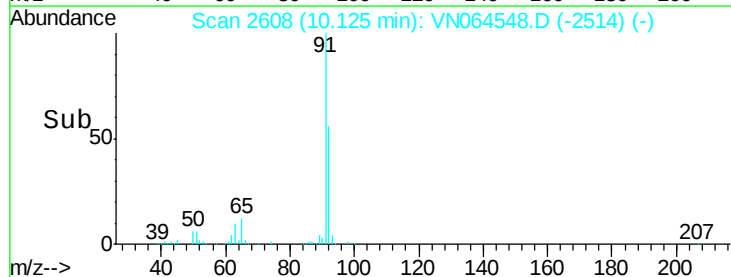
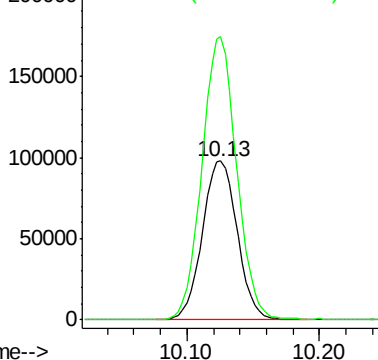
92 100

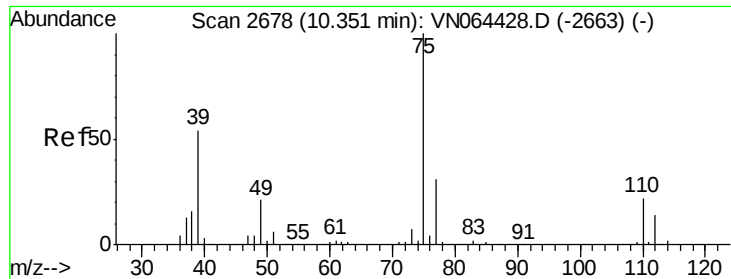
91 176.8 139.6 209.4



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





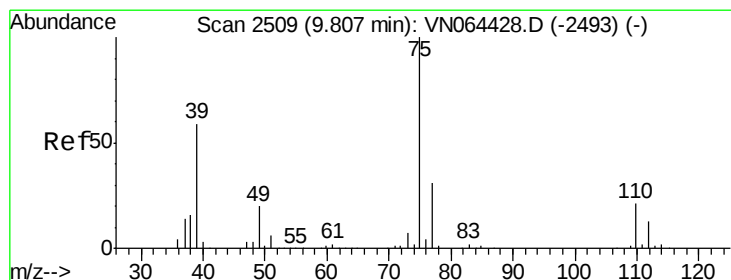
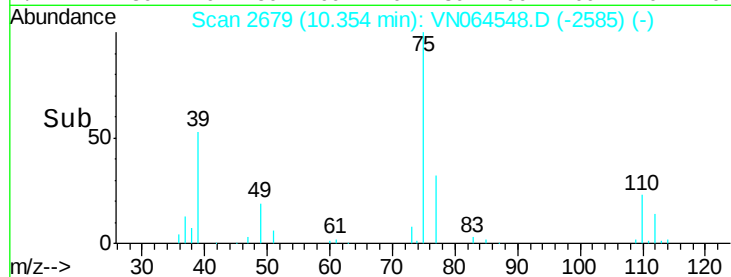
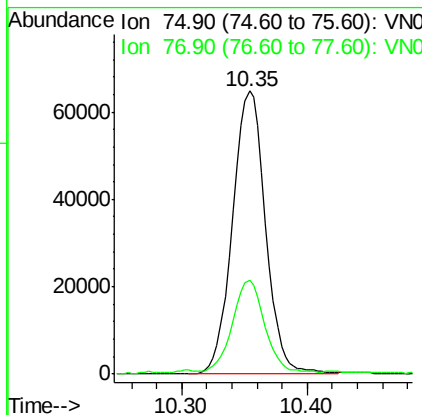
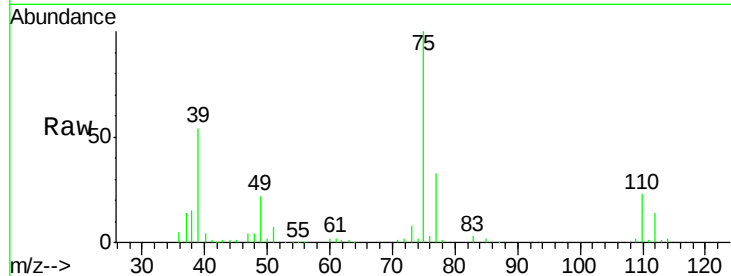
#53
t-1,3-Dichloropropene
Concen: 18.508 ug/l
RT: 10.35 min Scan# 2679
Delta R.T. 0.00 min
Lab File: VN064548.D
Acq: 11 Nov 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

Tot Ion: 75 Resp: 118722
Ion Ratio Lower Upper
75 100
77 32.1 24.8 37.2

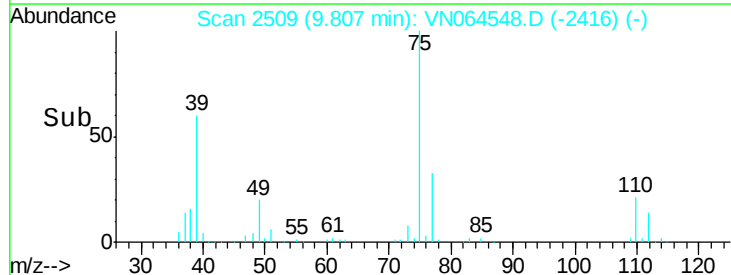
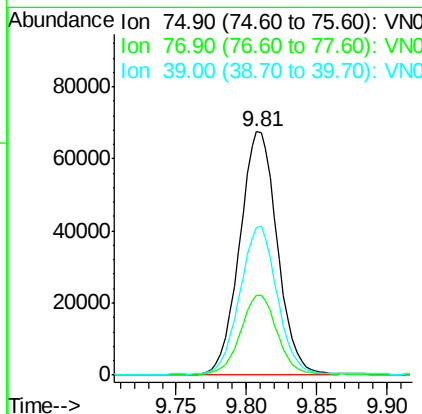
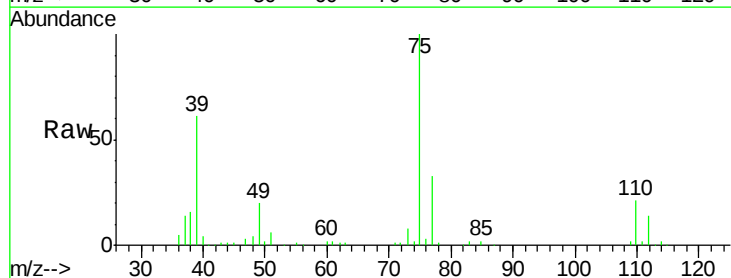
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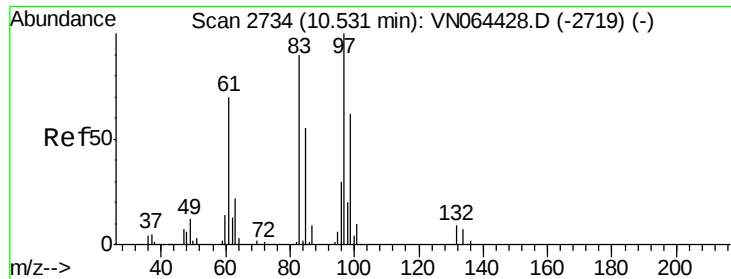
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#54
cis-1,3-Dichloropropene
Concen: 18.472 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN064548.D
Acq: 11 Nov 2020 12:24

Tgt Ion: 75 Resp: 126685
Ion Ratio Lower Upper
75 100
77 32.6 24.9 37.3
39 60.2 47.1 70.7





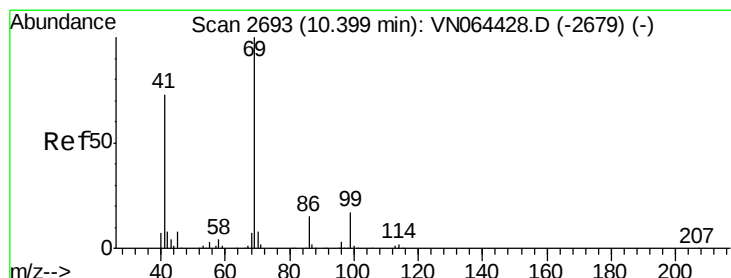
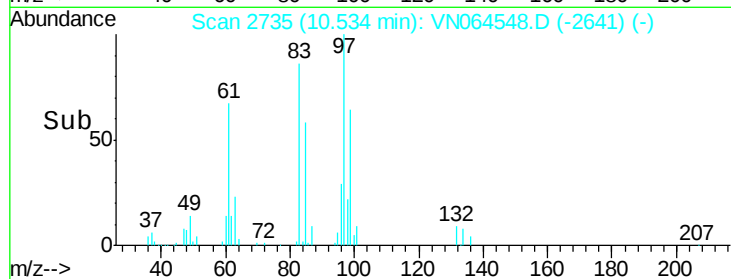
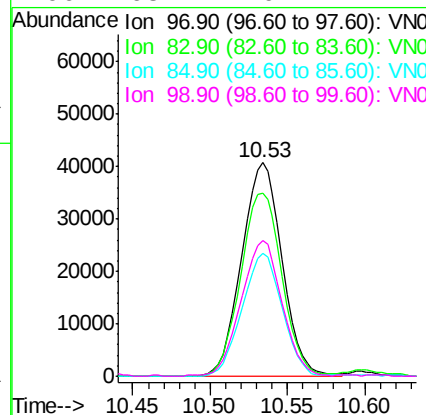
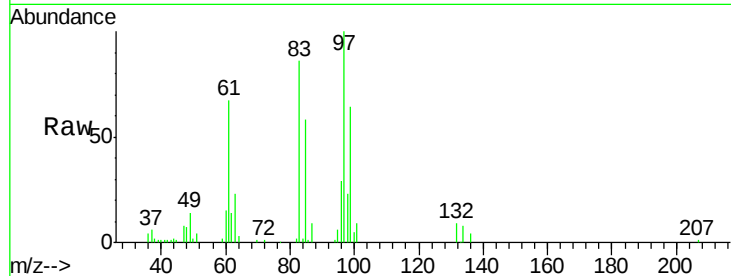
#55
 1,1,2-Trichloroethane
 Concen: 19.459 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064548.D
 Acq: 11 Nov 2020 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBSD01

Tot Ion:	97	Resp:	74151
Ion	Ratio	Lower	Upper
97	100		
83	85.8	71.7	107.5
85	57.6	44.3	66.5
99	63.4	49.4	74.2

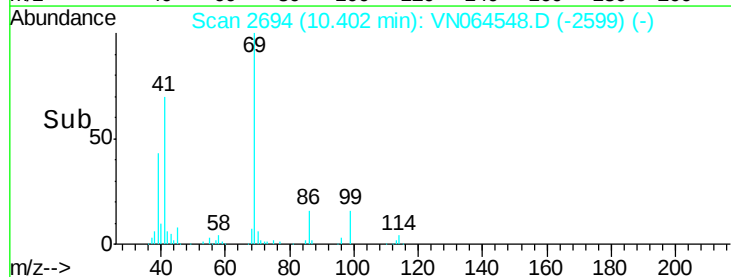
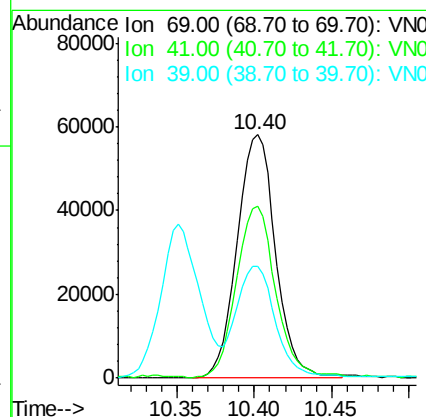
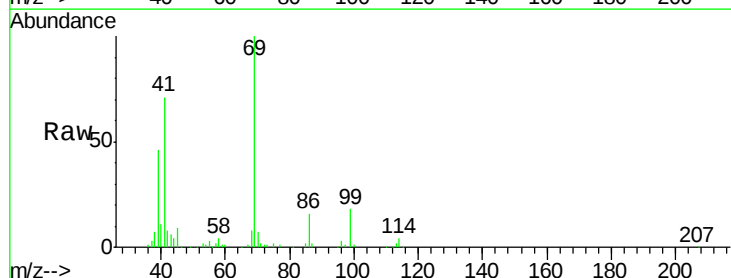
Manual Integrations
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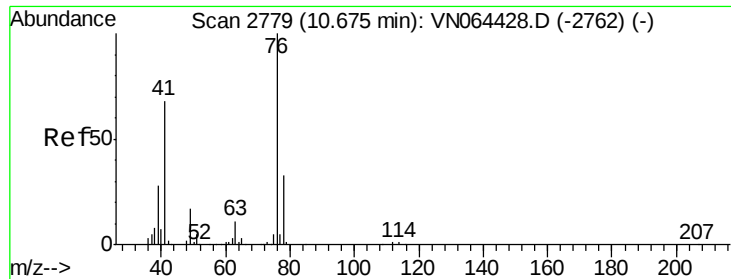
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 11/12/2020 9:12:23 AM



#56
 Ethyl methacrylate
 Concen: 17.250 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN064548.D
 Acq: 11 Nov 2020 12:24

Tgt Ion:	69	Resp:	100305
Ion	Ratio	Lower	Upper
69	100		
41	71.5	59.3	88.9
39	45.3	35.4	53.0





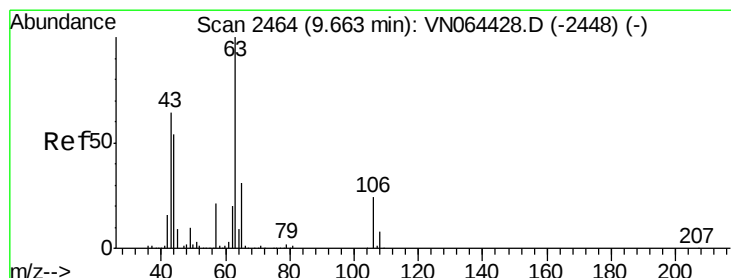
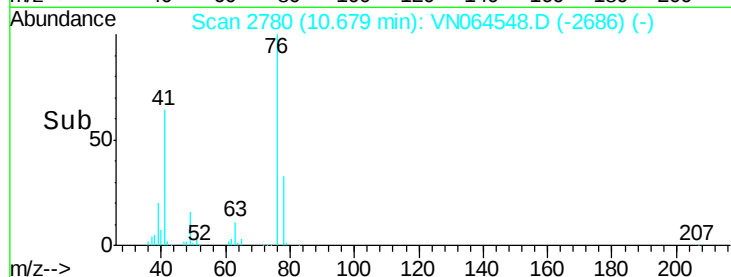
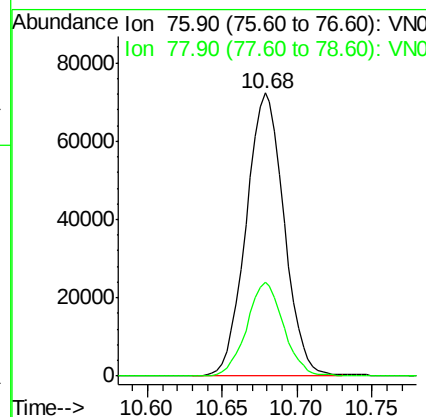
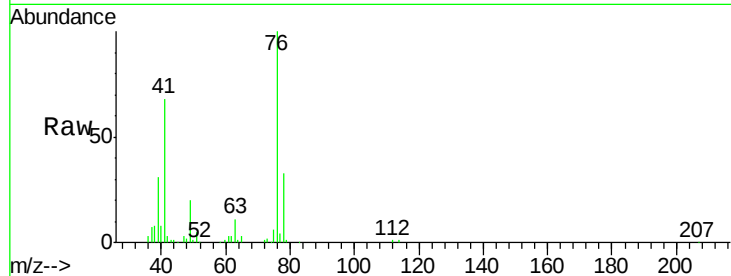
#57
 1,3-Dichloropropane
 Concen: 19.194 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN064548.D
 Acq: 11 Nov 2020 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.8	38.6

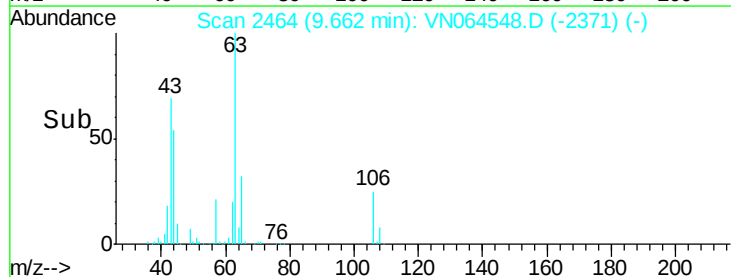
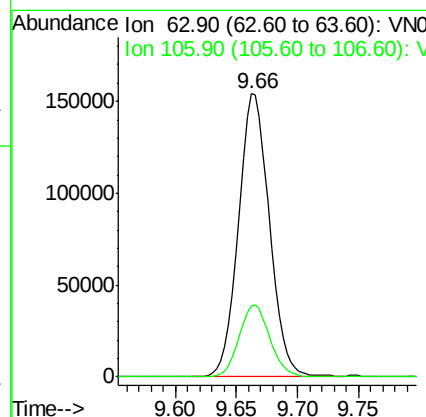
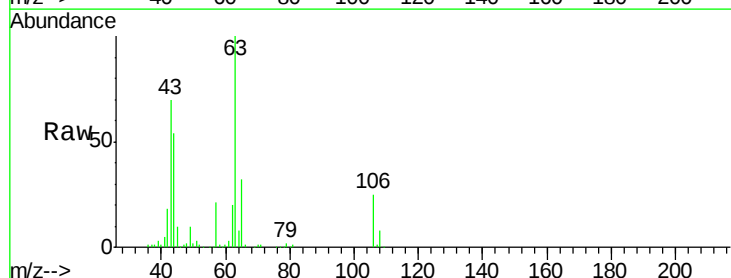
Manual Integrations
 APPROVED

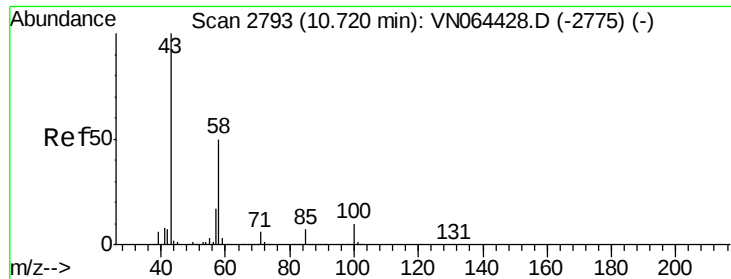
MMDadoda
 11/12/2020 9:12:23 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 105.341 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064548.D
 Acq: 11 Nov 2020 12:24

Tgt Ion	Ratio	Lower	Upper
63	100		
106	25.1	19.5	29.3





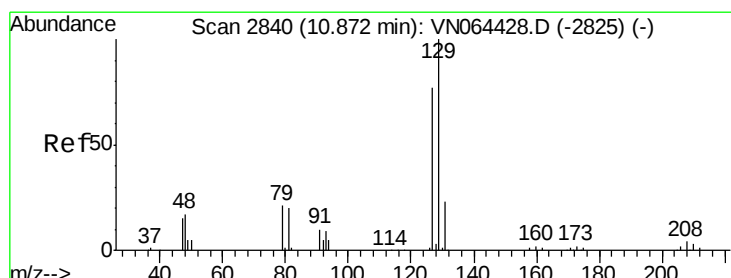
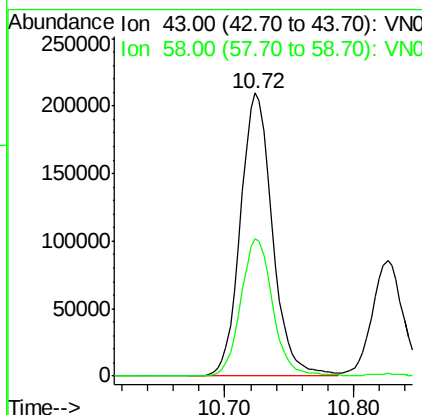
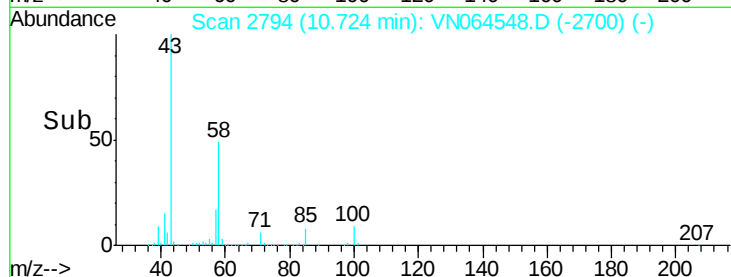
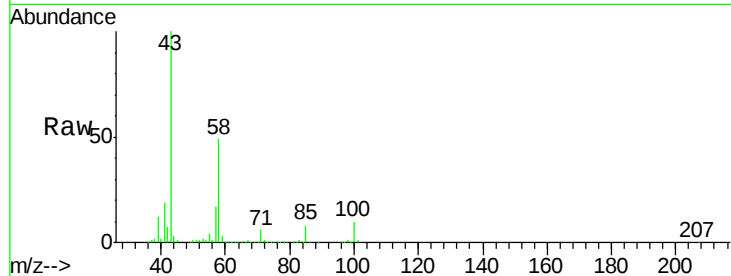
#59
2-Hexanone
Concen: 88.424 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064548.D
Acq: 11 Nov 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

Tot Ion: 43 Resp: 360398
Ion Ratio Lower Upper
43 100
58 48.7 24.7 74.1

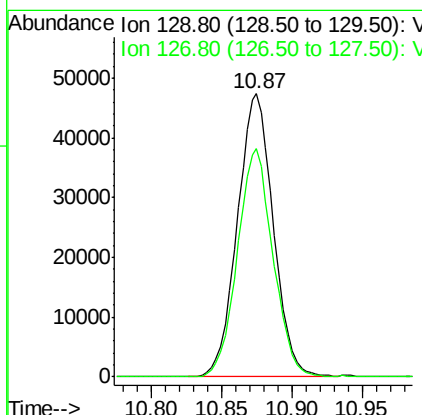
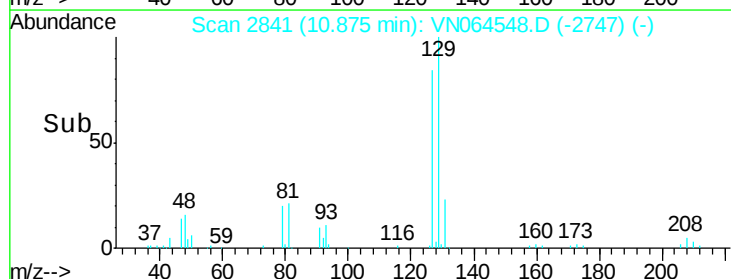
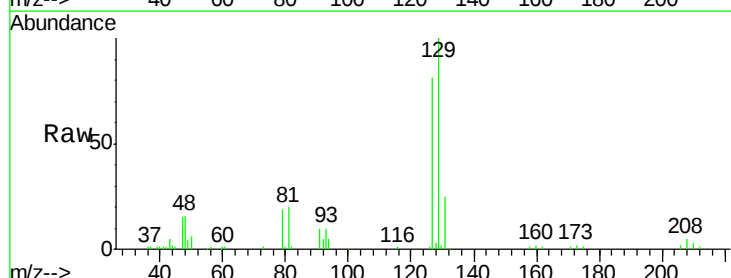
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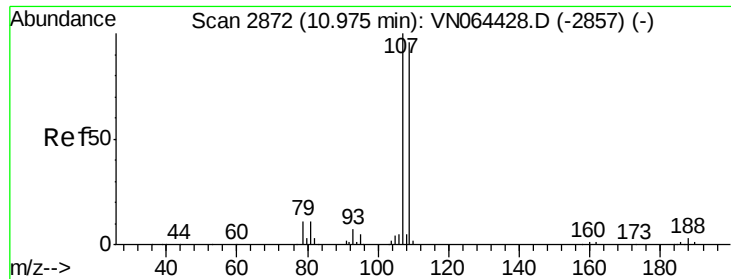
MMDadoda
11/12/2020 9:12:23 AM



#60
Dibromochloromethane
Concen: 19.766 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064548.D
Acq: 11 Nov 2020 12:24

Tgt Ion: 129 Resp: 84329
Ion Ratio Lower Upper
129 100
127 79.8 38.9 116.7





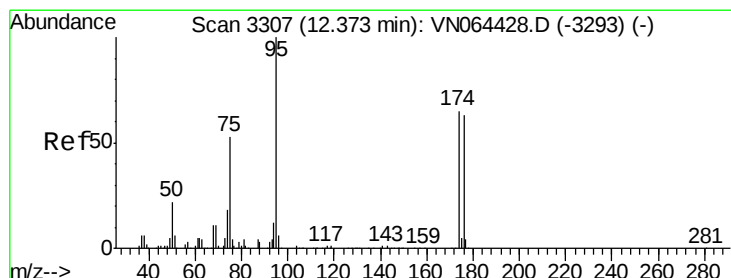
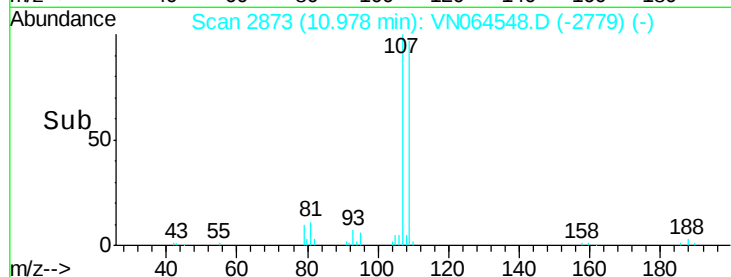
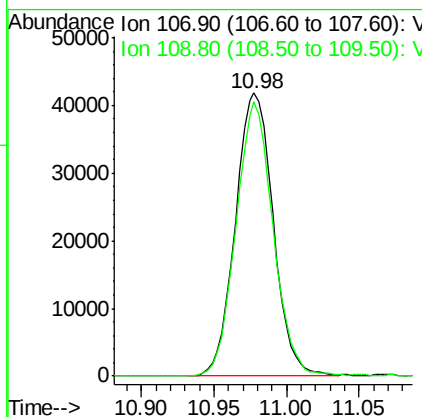
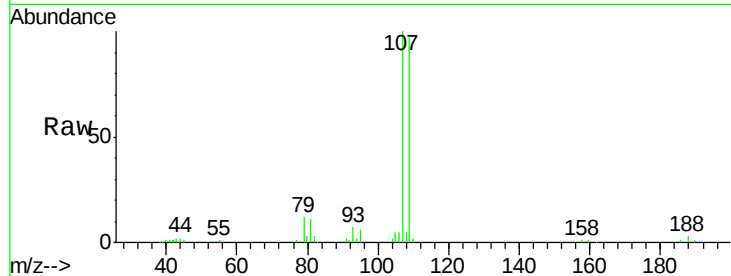
#61
 1,2-Dibromoethane
 Concen: 19.665 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064548.D
 Acq: 11 Nov 2020 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBSD01

Tot Ion: 107 Resp: 76009
 Ion Ratio Lower Upper
 107 100
 109 94.9 75.9 113.9

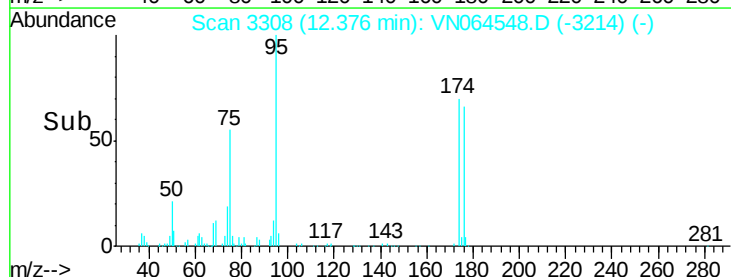
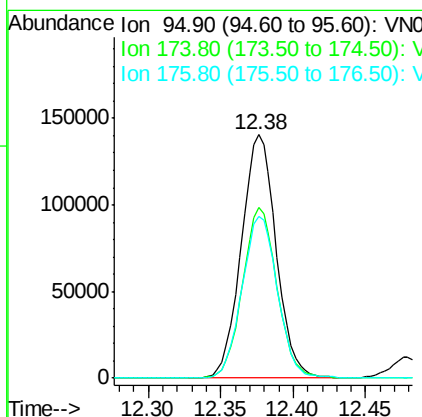
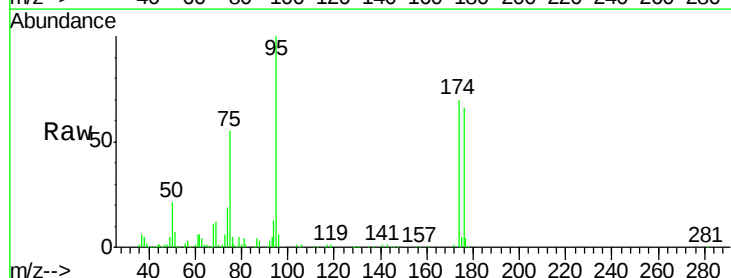
Manual Integrations
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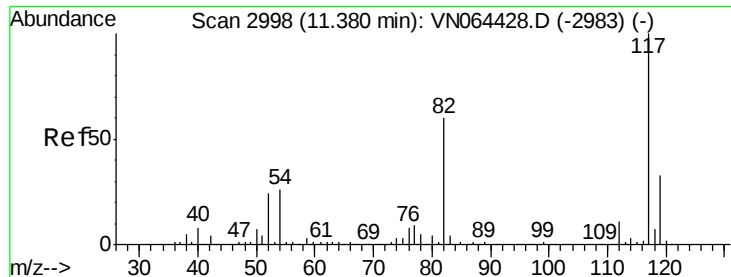
MMDadoda
 11/12/2020 9:12:23 AM



#62
 4-Bromofluorobenzene
 Concen: 45.767 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064548.D
 Acq: 11 Nov 2020 12:24

Tgt Ion: 95 Resp: 235061
 Ion Ratio Lower Upper
 95 100
 174 69.6 0.0 132.6
 176 67.6 0.0 129.2





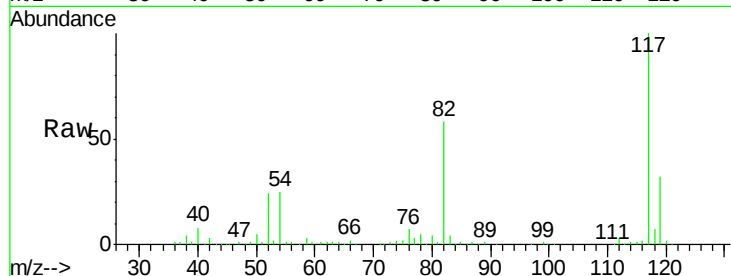
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064548.D
Acq: 11 Nov 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

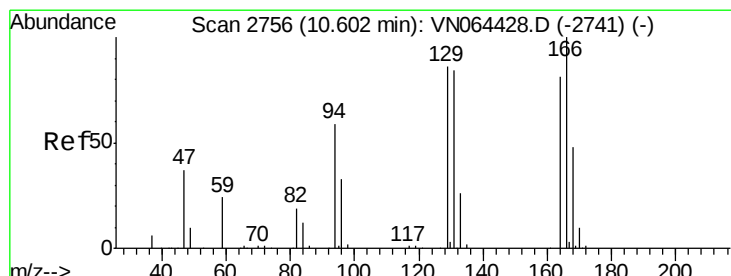
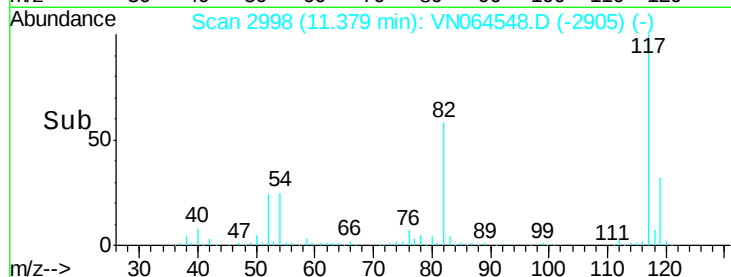
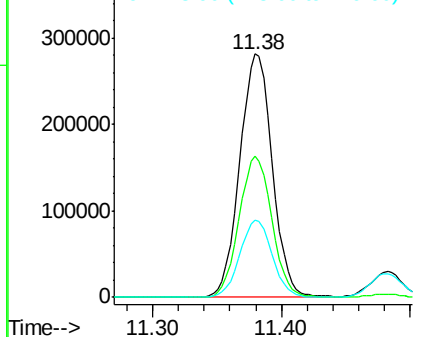
Tot Ion	Ratio	Lower	Upper
117	100		
82	58.3	48.1	72.1
119	31.8	26.2	39.4

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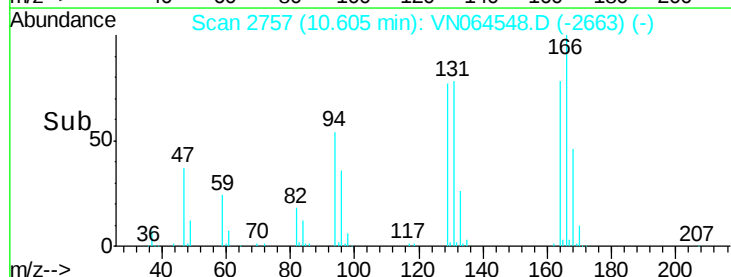
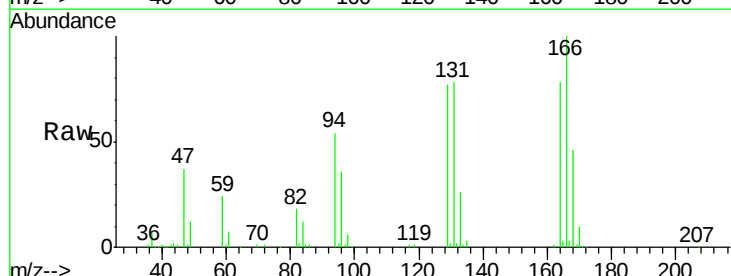
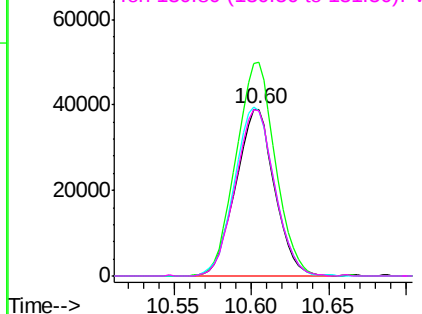
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

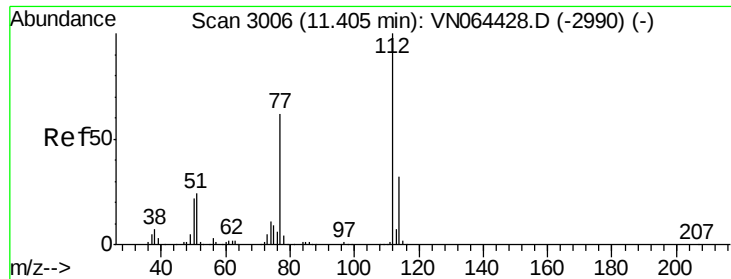


#64
Tetrachloroethene
Concen: 17.783 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN064548.D
Acq: 11 Nov 2020 12:24

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.1	98.2	147.2
129	98.7	84.6	127.0
131	99.3	82.2	123.2

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





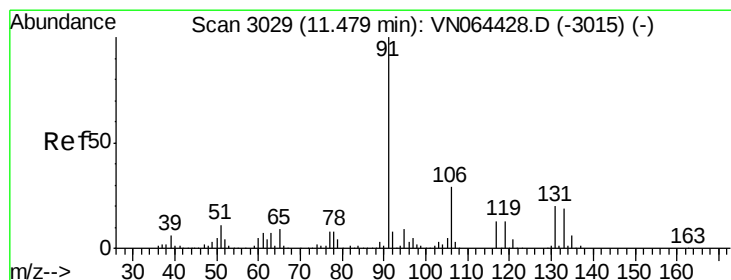
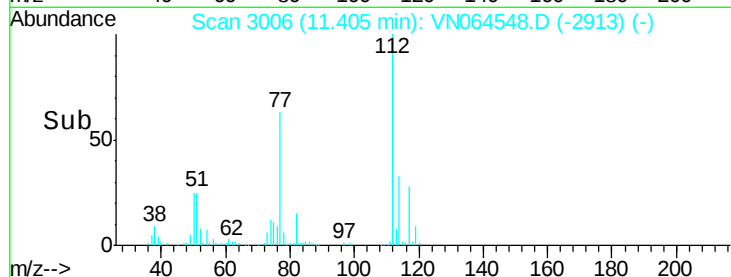
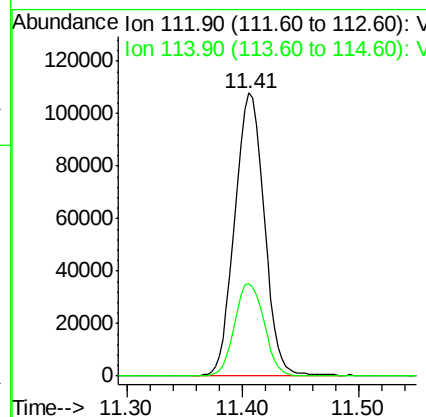
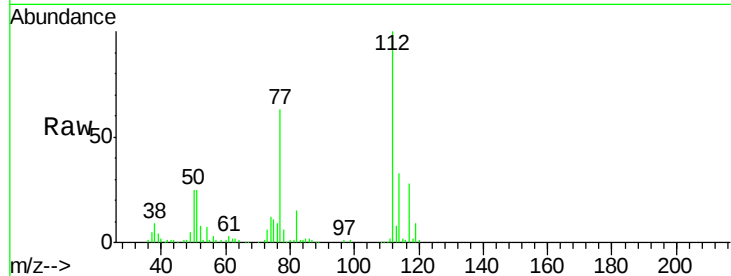
#65
Chlorobenzene
Concen: 17.560 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN064548.D
Acq: 11 Nov 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

Tot Ion:112 Resp: 190142
Ion Ratio Lower Upper
112 100
114 32.7 25.6 38.4

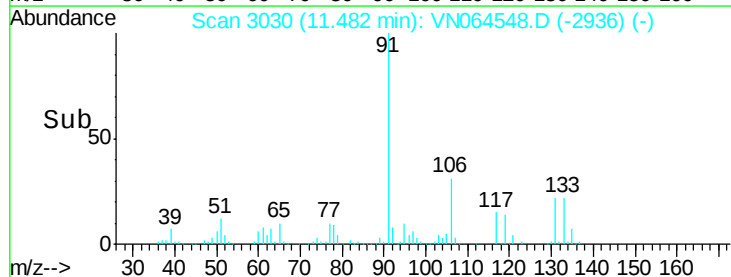
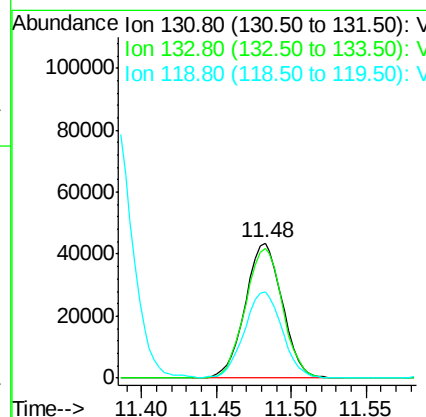
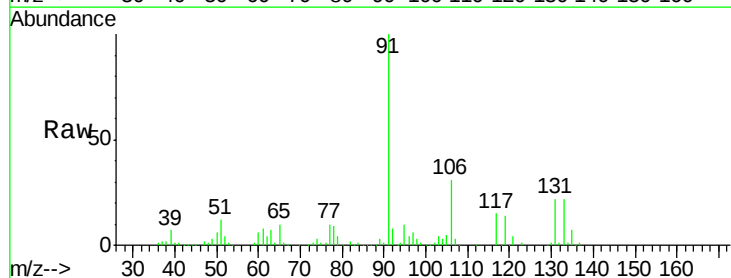
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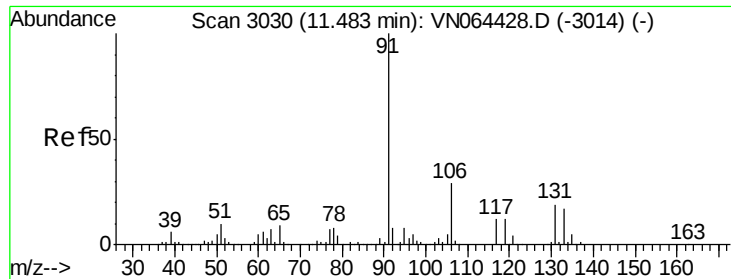
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.645 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064548.D
Acq: 11 Nov 2020 12:24

Tgt Ion:131 Resp: 75318
Ion Ratio Lower Upper
131 100
133 96.5 46.9 140.7
119 65.2 32.1 96.5





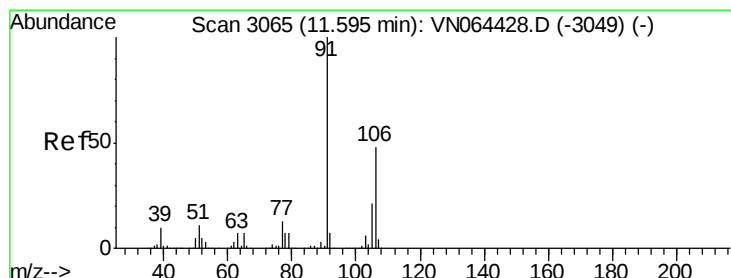
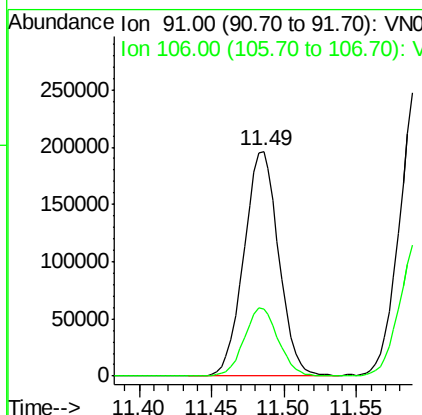
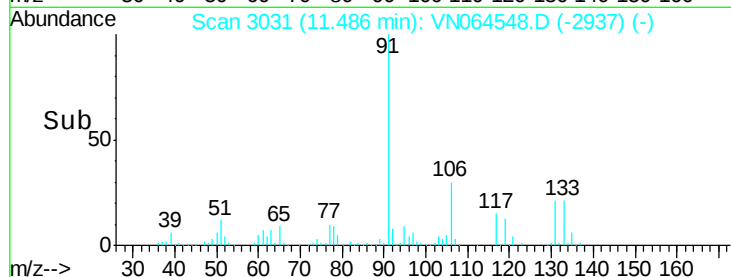
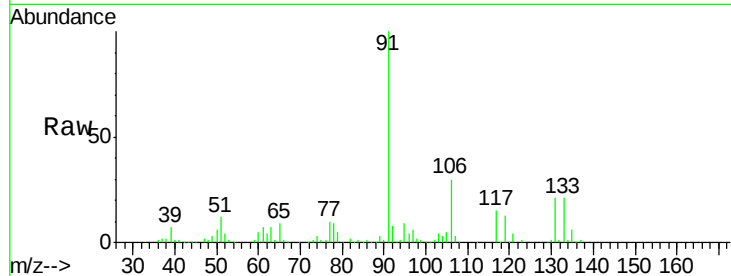
#67
Ethyl Benzene
Concen: 17.073 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN064548.D
Acq: 11 Nov 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

Tot Ion: 91 Resp: 328841
Ion Ratio Lower Upper
91 100
106 30.1 23.6 35.4

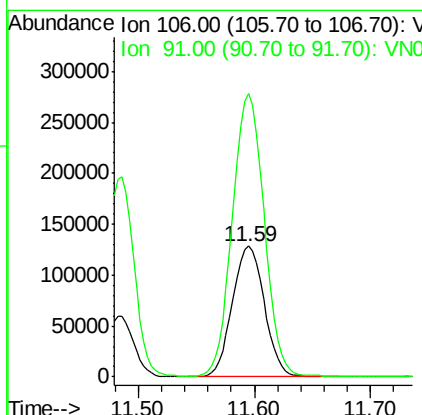
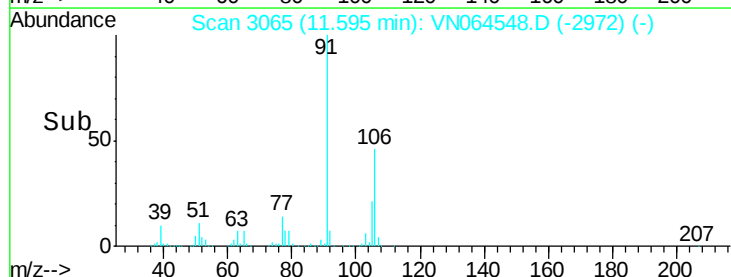
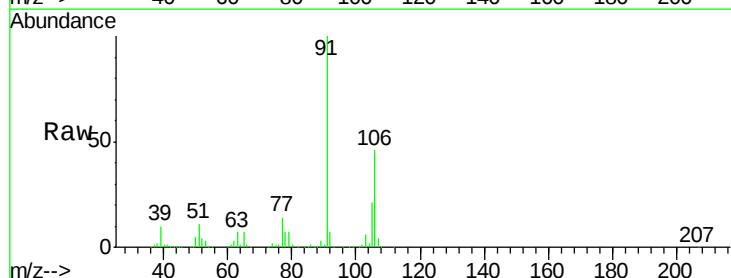
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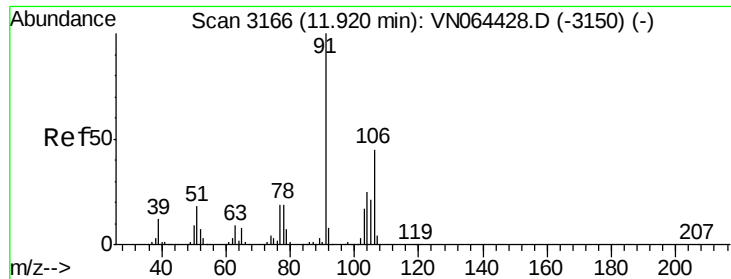
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11/12/2020 9:12:23 AM



#68
m/p-Xylenes
Concen: 35.264 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN064548.D
Acq: 11 Nov 2020 12:24

Tgt Ion: 106 Resp: 246327
Ion Ratio Lower Upper
106 100
91 215.3 169.4 254.2





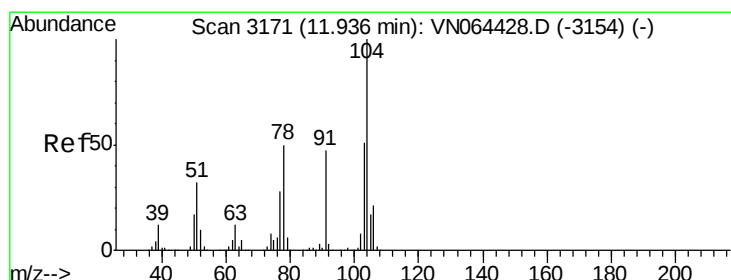
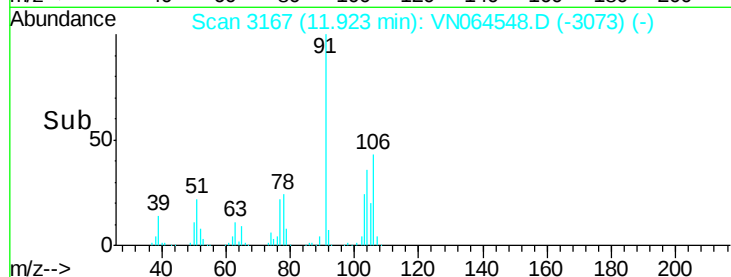
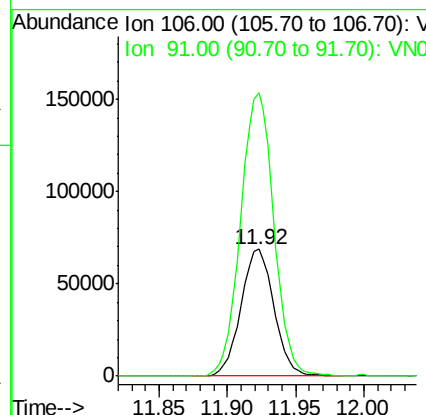
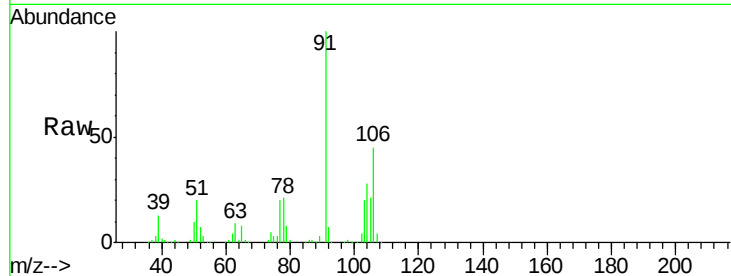
#69
o-Xylene
Concen: 17.223 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064548.D
Acq: 11 Nov 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

Tot Ion:106 Resp: 116252
Ion Ratio Lower Upper
106 100
91 223.1 111.7 334.9

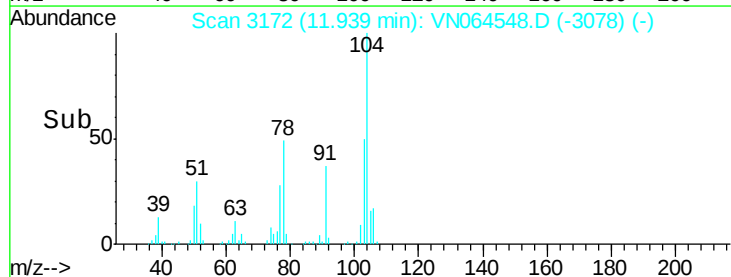
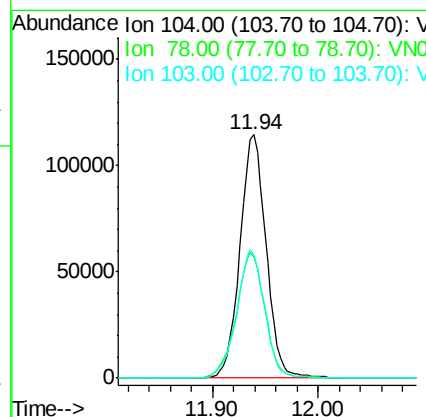
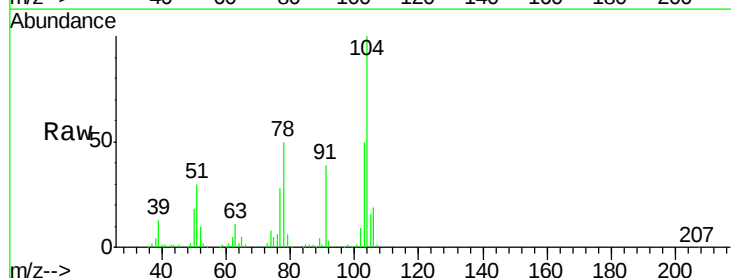
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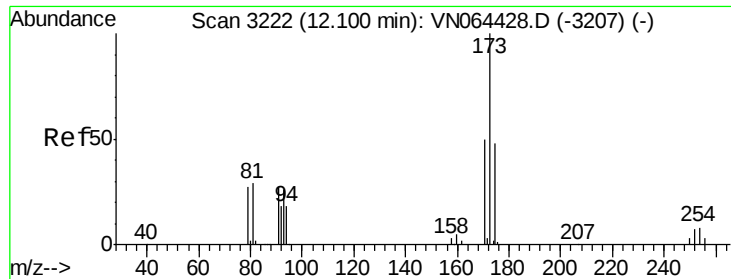
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#70
Styrene
Concen: 17.354 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064548.D
Acq: 11 Nov 2020 12:24

Tgt Ion:104 Resp: 197108
Ion Ratio Lower Upper
104 100
78 56.4 44.0 66.0
103 56.0 43.8 65.6





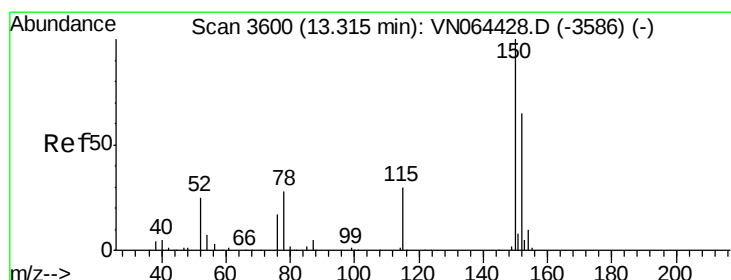
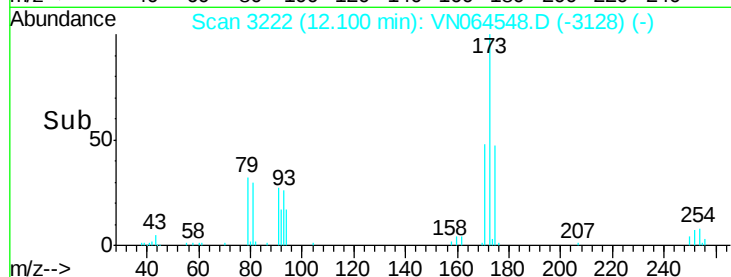
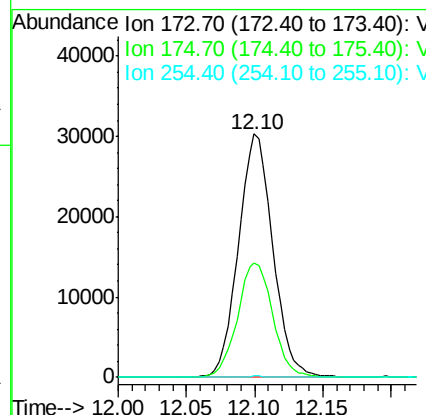
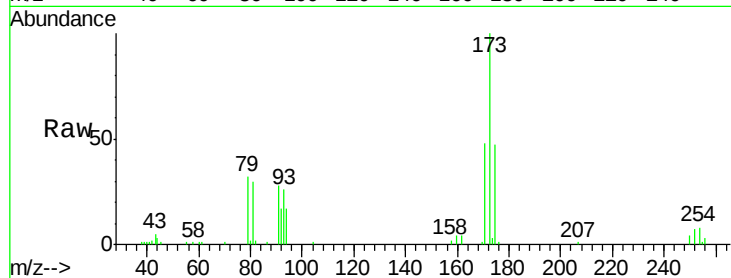
#71
Bromoform
Concen: 18.347 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN064548.D
Acq: 11 Nov 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.1	23.7	71.1
254	0.1	0.0	0.0

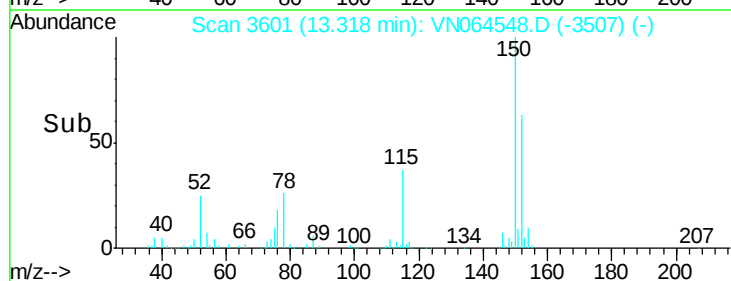
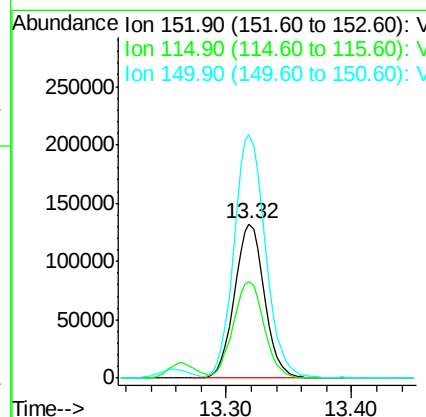
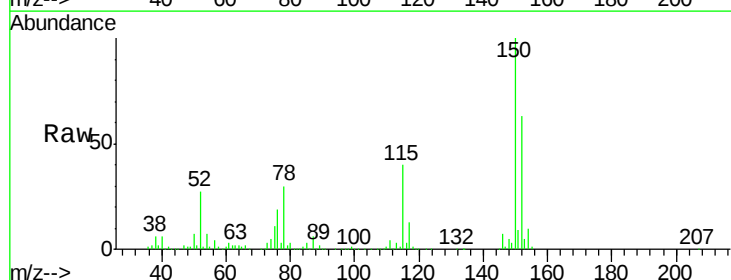
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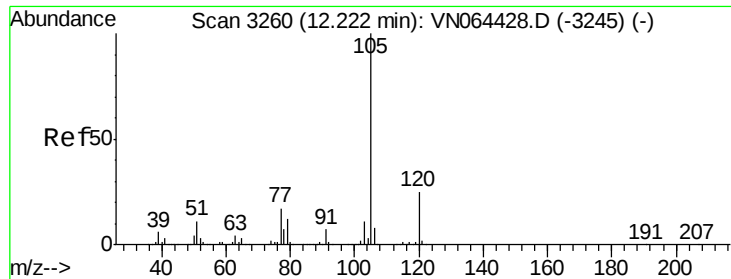
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064548.D
Acq: 11 Nov 2020 12:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.1	32.0	96.0
150	165.3	0.0	353.8





#73

Isopropylbenzene

Concen: 17.444 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

Tot Ion: 105 Resp: 303207

Ion Ratio Lower Upper

105 100

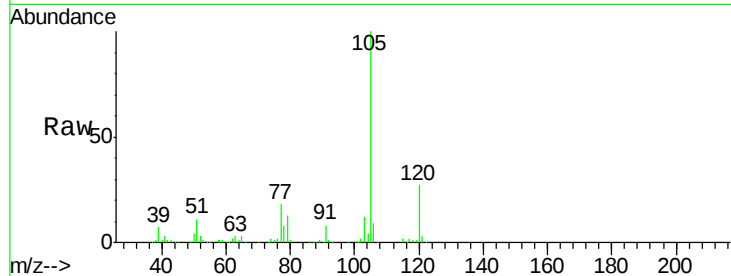
120 26.3 12.8 38.3

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.23

200000

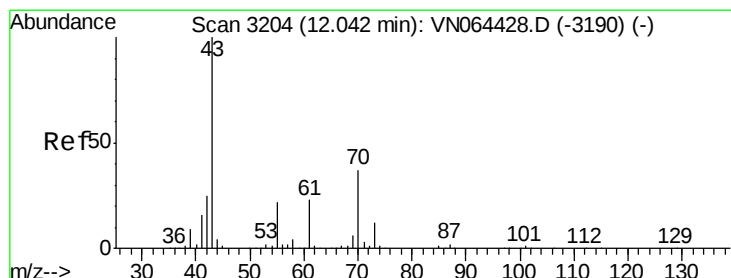
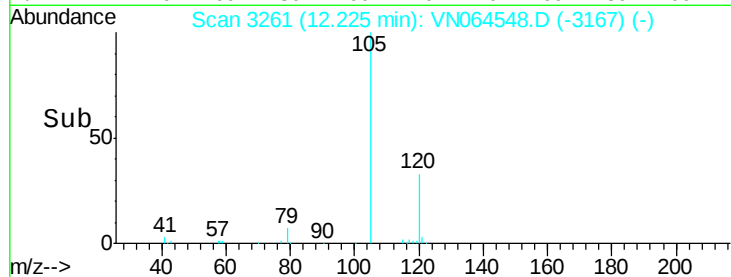
150000

100000

50000

0

Time--> 12.15 12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 16.675 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

Tgt Ion: 43 Resp: 133574

Ion Ratio Lower Upper

43 100

70 36.9 29.6 44.4

55 24.5 18.4 27.6

61 21.7 17.8 26.6

Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

120000

100000

80000

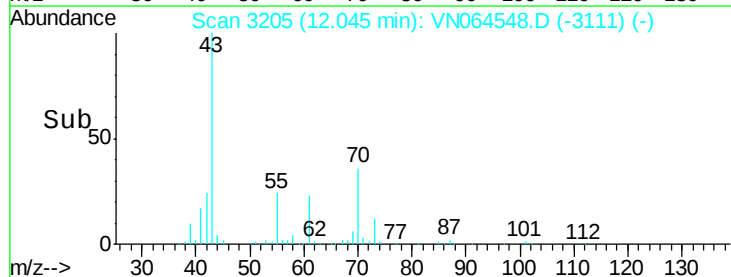
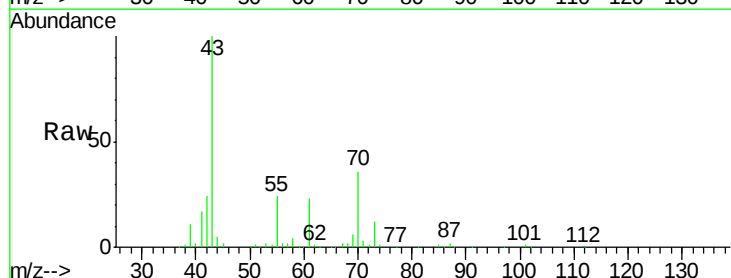
60000

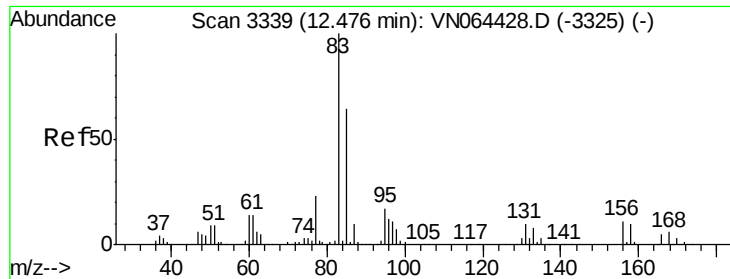
40000

20000

0

Time--> 12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 19.381 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_N

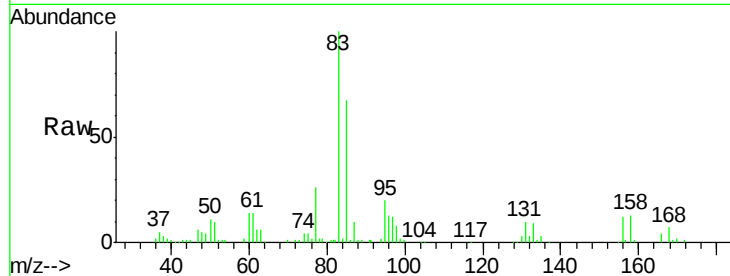
ClientSampleId :

VN1111WBSD01

Tot Ion:	83	Resp:	103471
Ion Ratio	Lower	Upper	
83	100		
131	10.9	4.9	14.7
85	68.5	32.1	96.5

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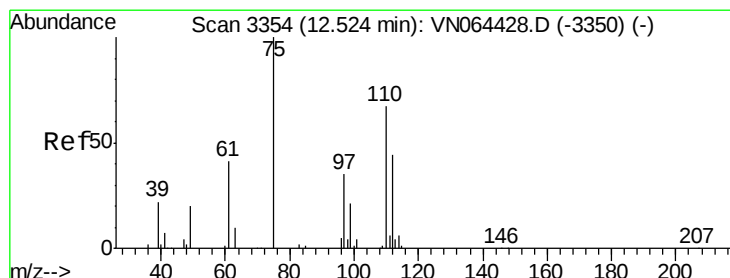
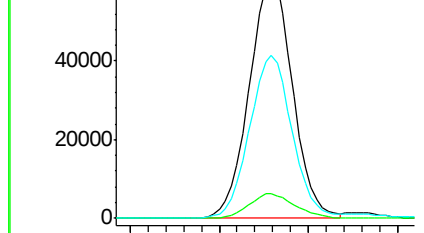
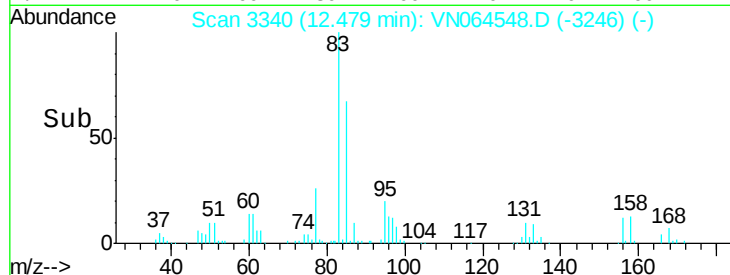


Abundance Ion 82.90 (82.60 to 83.60): VN064548.D (-3340) (-)

Ion 130.80 (130.50 to 131.50): VN064548.D (-3340) (-)

Ion 84.90 (84.60 to 85.60): VN064548.D (-3340) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 18.700 ug/l m

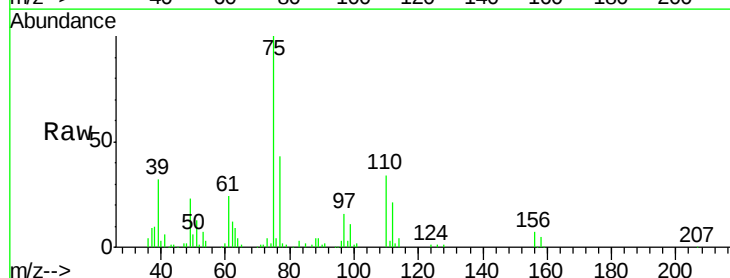
RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

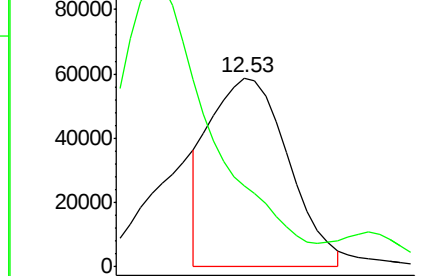
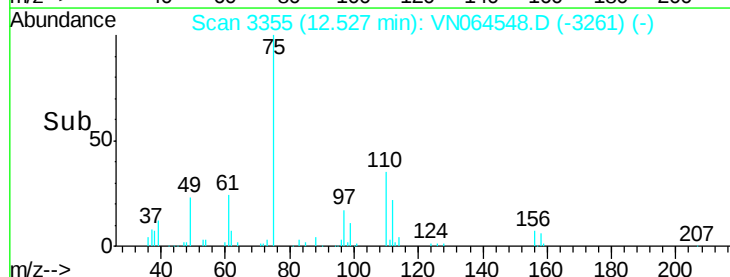
Tgt Ion:	75	Resp:	99081
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0

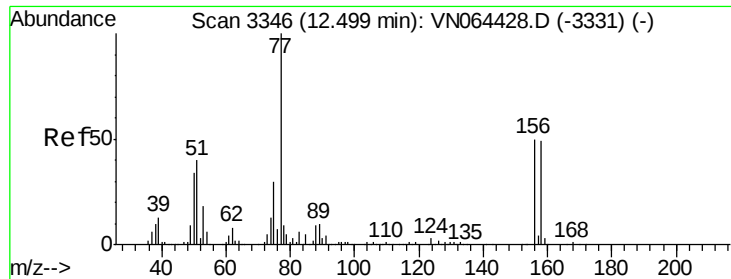


Abundance Ion 74.90 (74.60 to 75.60): VN064548.D (-3355) (-)

Ion 77.00 (76.70 to 77.70): VN064548.D (-3355) (-)

Time-->





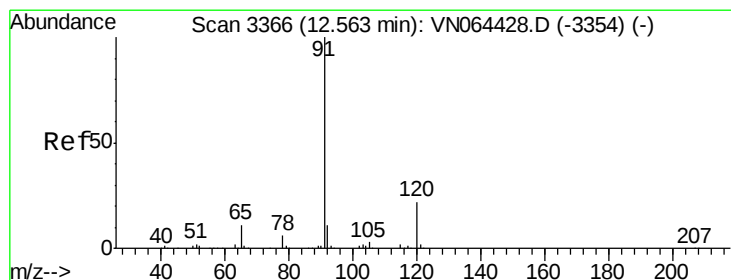
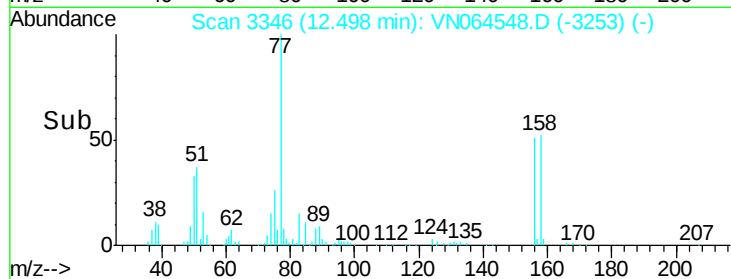
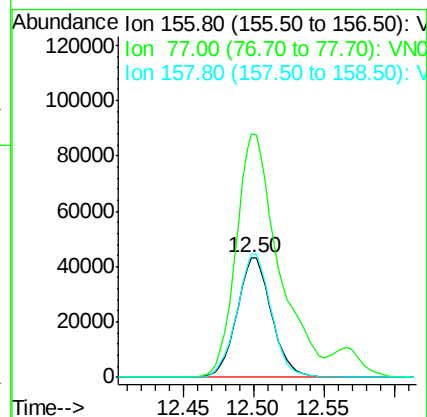
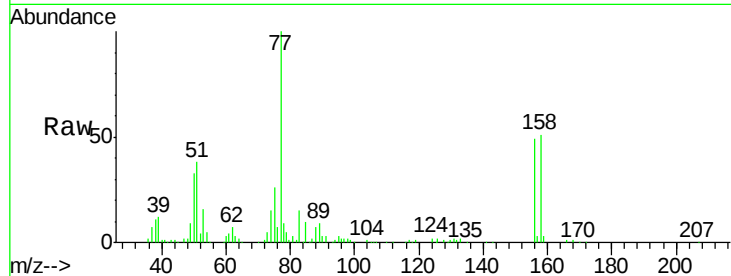
#77
Bromobenzene
Concen: 17.483 ug/l
RT: 12.50 min Scan# 3346
Delta R.T. -0.00 min
Lab File: VN064548.D
Acq: 11 Nov 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	250.1	119.0	357.0	
158	101.8	48.4	145.3	

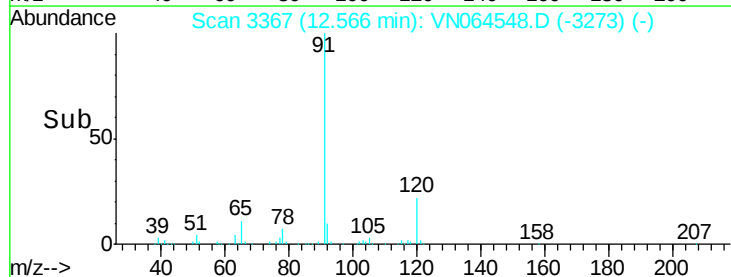
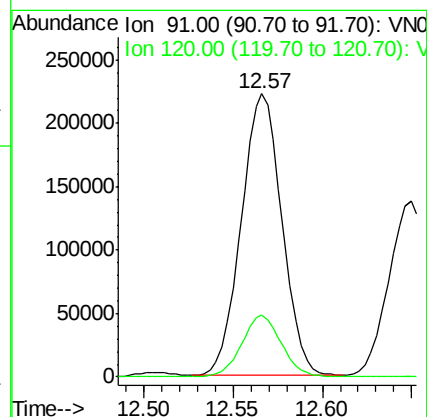
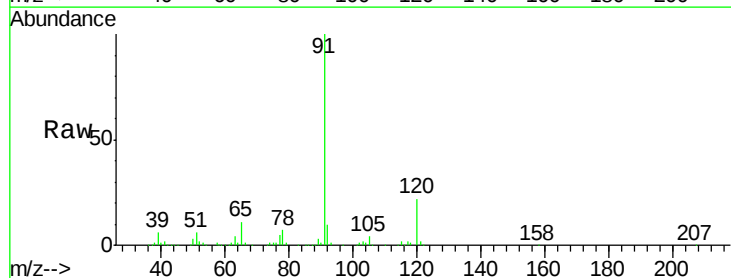
Manual Integrations
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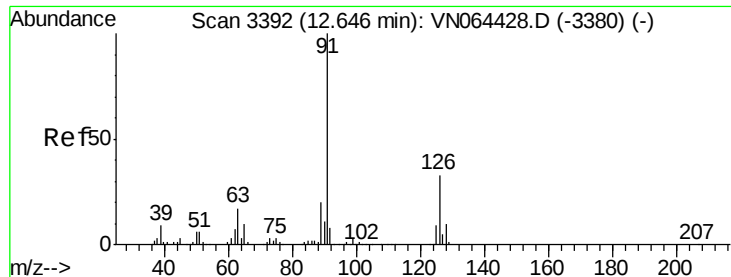
MMDadoda
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#78
n-propylbenzene
Concen: 17.799 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. 0.00 min
Lab File: VN064548.D
Acq: 11 Nov 2020 12:24

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	21.4	11.0	33.0	





#79

2-Chlorotoluene

Concen: 17.788 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

Tot Ion: 91 Resp: 223562

Ion Ratio Lower Upper

91 100

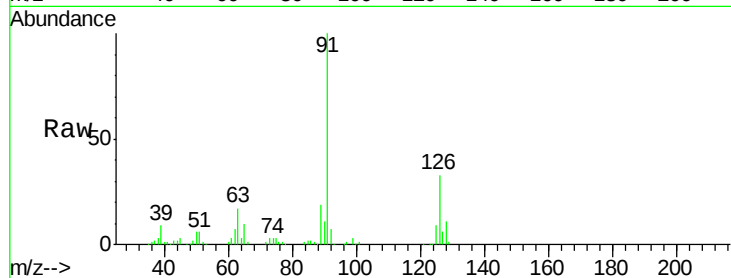
126 32.8 16.4 49.1

Manual Integrations

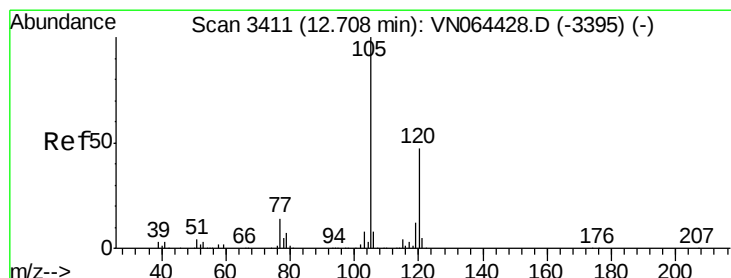
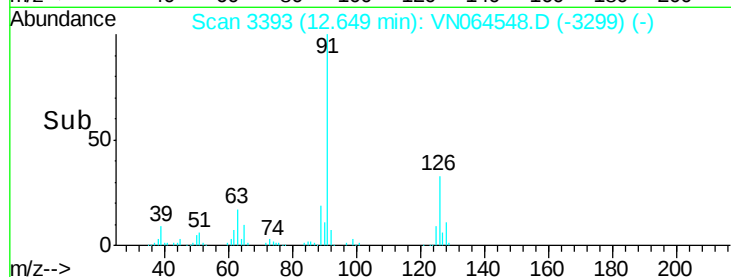
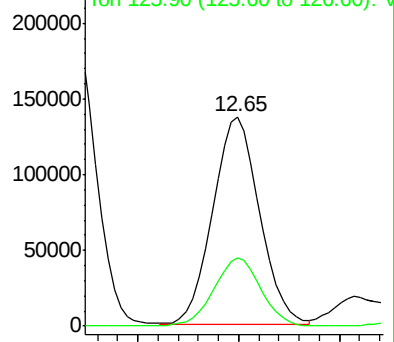
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Abundance Ion 91.00 (90.70 to 91.70): VN064428.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.033 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064548.D

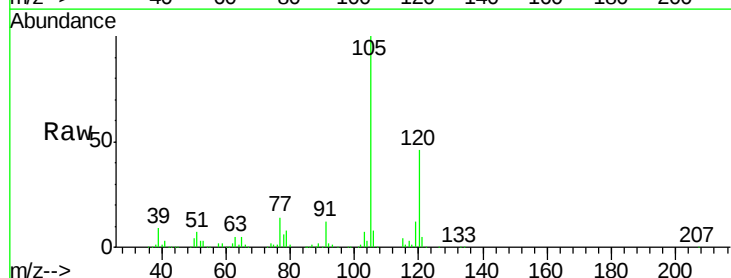
Acq: 11 Nov 2020 12:24

Tgt Ion: 105 Resp: 258571

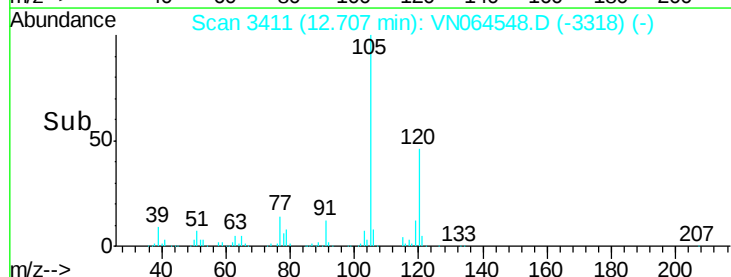
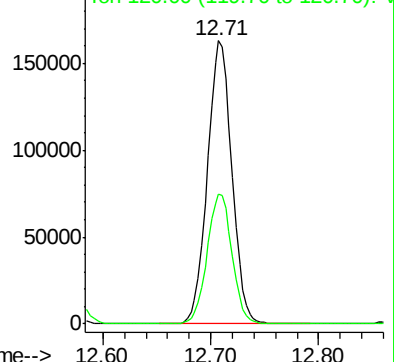
Ion Ratio Lower Upper

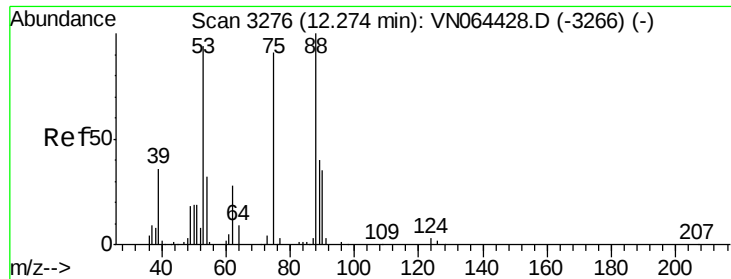
105 100

120 46.6 23.4 70.2



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





#81

trans-1,4-Dichloro-2-butene

Concen: 16.992 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_N

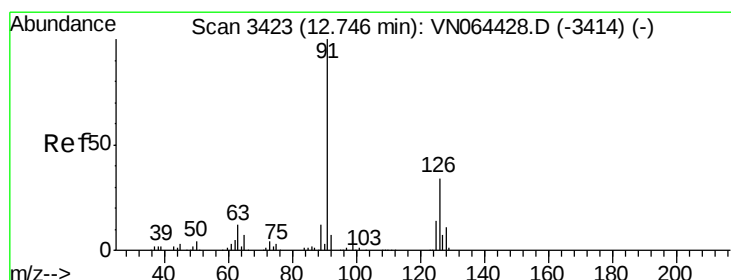
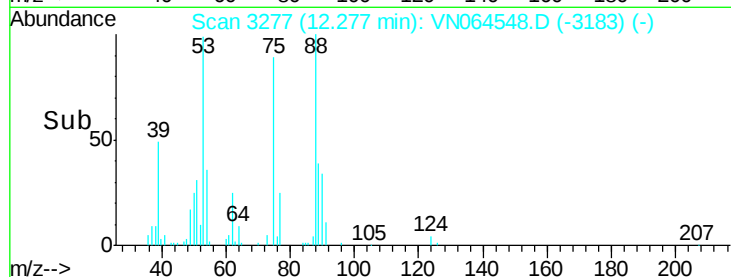
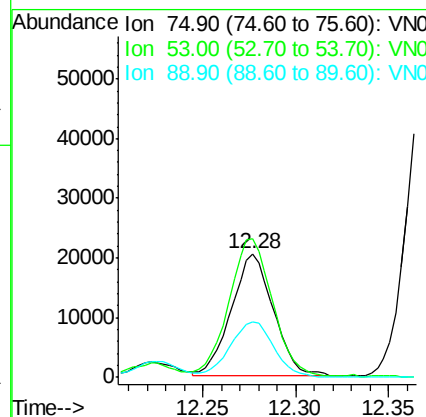
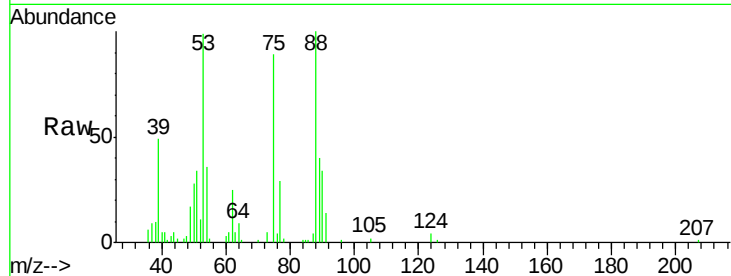
ClientSampleId :

VN1111WBSD01

Tot Ion:	75	Resp:	32244
Ion	Ratio	Lower	Upper
75	100		
53	117.5	84.0	126.0
89	47.3	36.3	54.5

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#82

4-Chlorotoluene

Concen: 18.204 ug/l

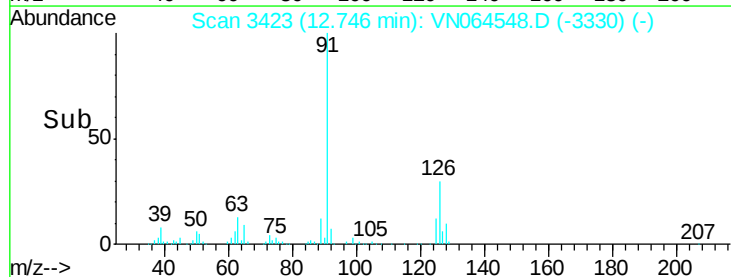
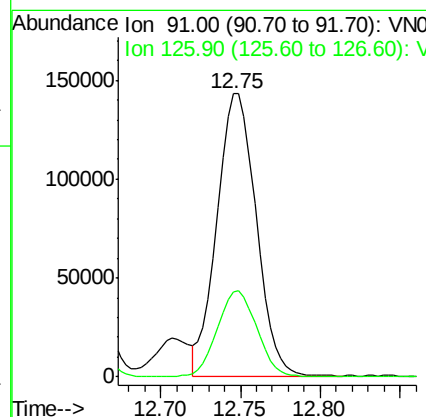
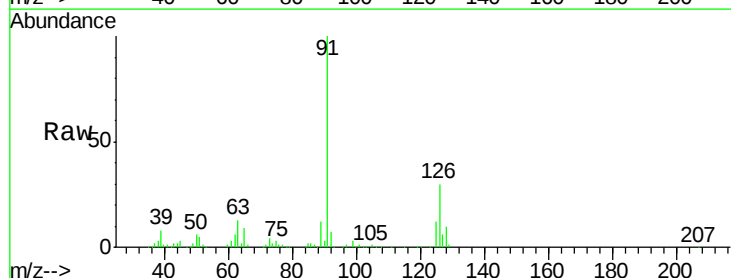
RT: 12.75 min Scan# 3423

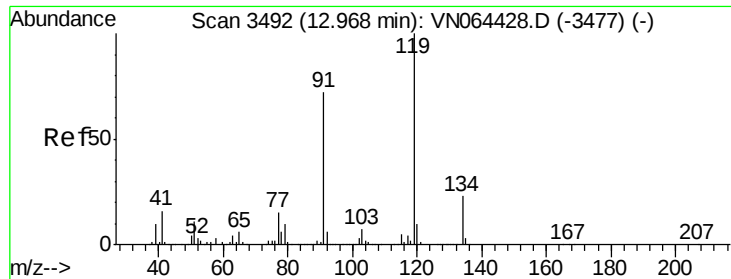
Delta R.T. -0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

Tgt Ion:	91	Resp:	239603
Ion	Ratio	Lower	Upper
91	100		
126	30.7	15.4	46.2





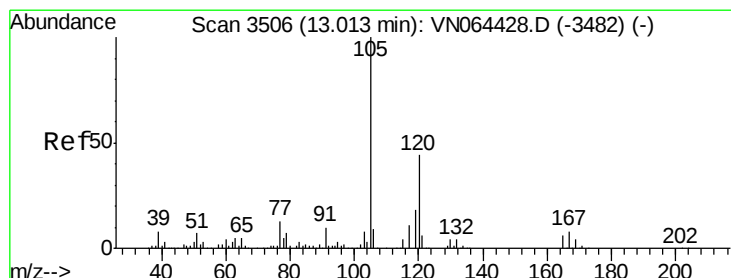
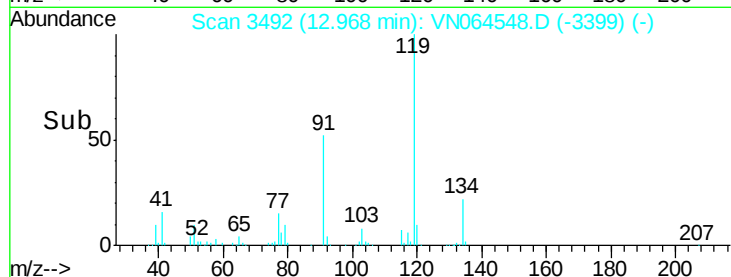
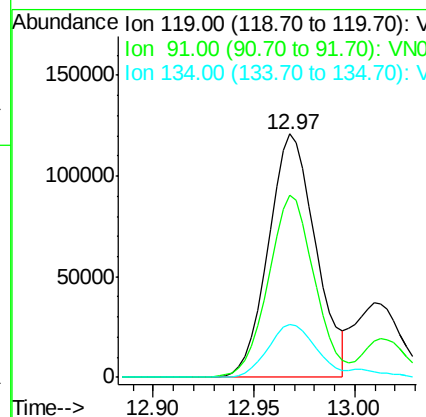
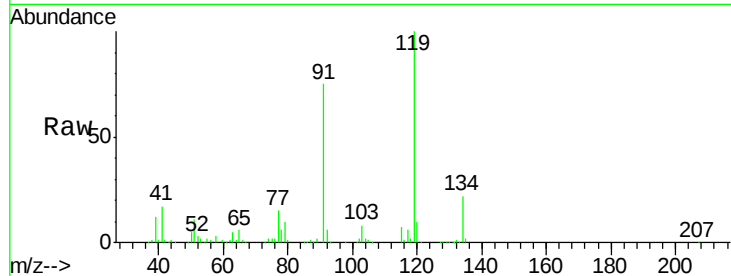
#83
tert-Butylbenzene
Concen: 17.574 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN064548.D
Acq: 11 Nov 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	196811		
91	72.4	36.1	108.3	
134	22.4	11.7	35.1	

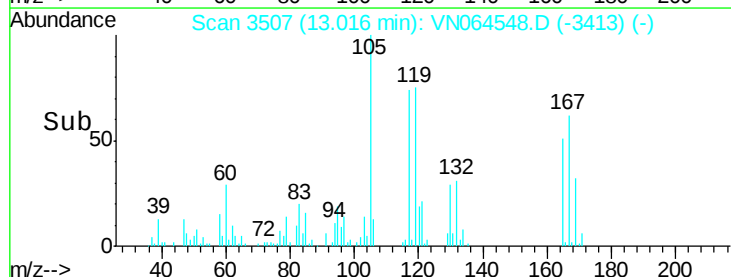
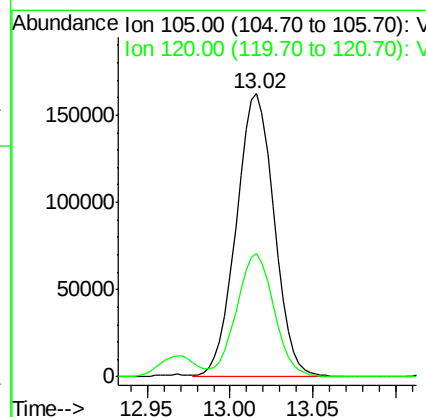
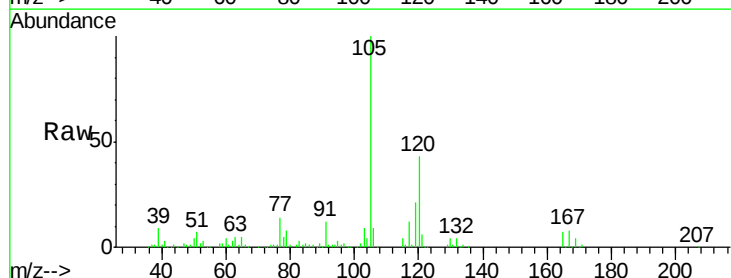
Manual Integrations
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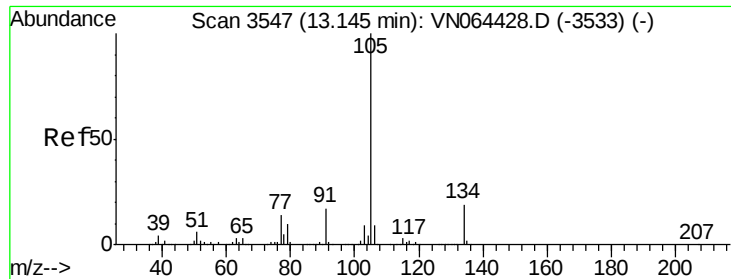
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 17.786 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN064548.D
Acq: 11 Nov 2020 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	256373		
120	43.6	21.9	65.7	





#85

sec-Butylbenzene

Concen: 18.377 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

Tot Ion:105 Resp: 260645

Ion Ratio Lower Upper

105 100

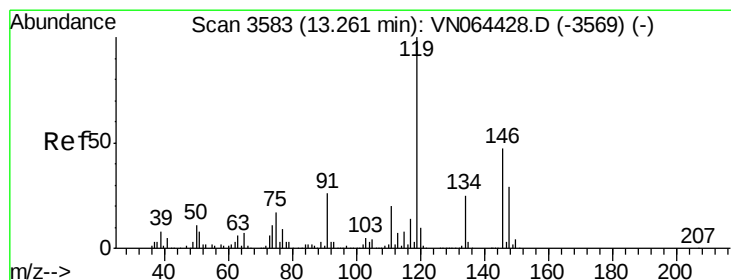
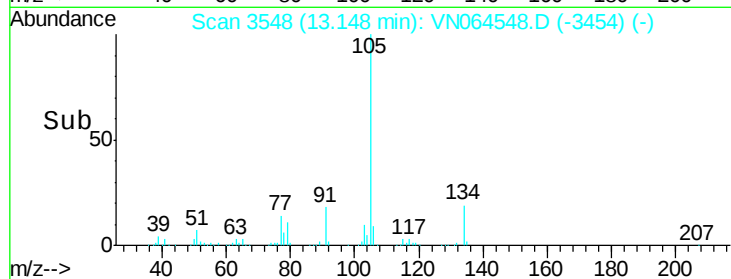
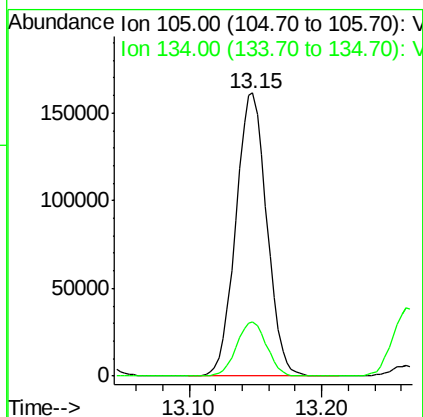
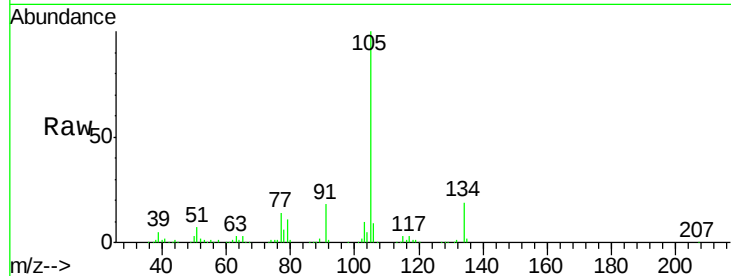
134 18.9 9.4 28.2

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 17.933 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064548.D

Acq: 11 Nov 2020 12:24

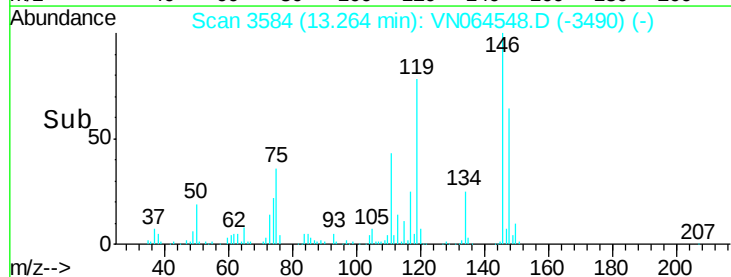
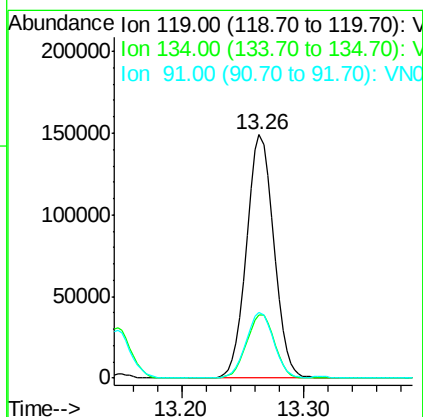
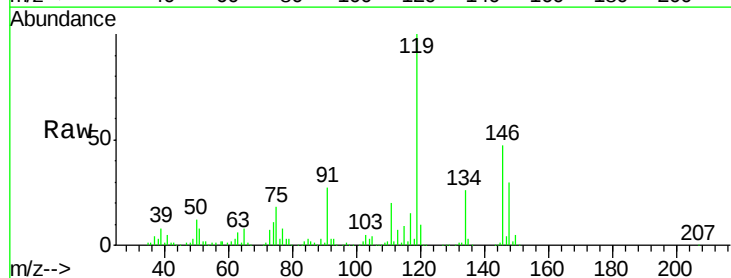
Tgt Ion:119 Resp: 228782

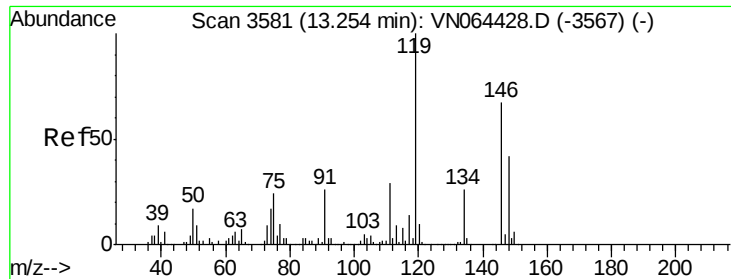
Ion Ratio Lower Upper

119 100

134 26.5 12.6 37.6

91 27.1 12.8 38.3





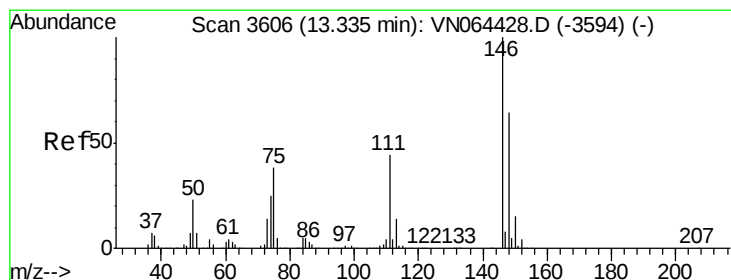
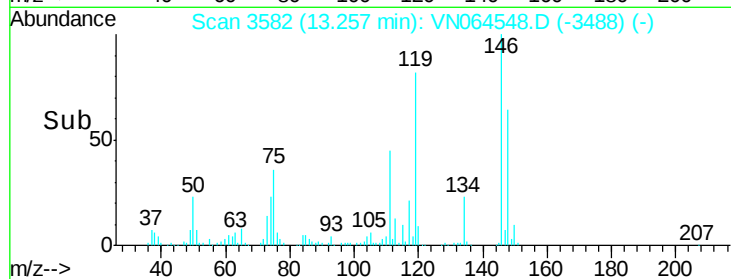
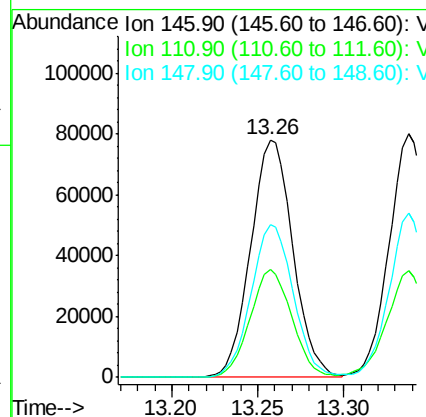
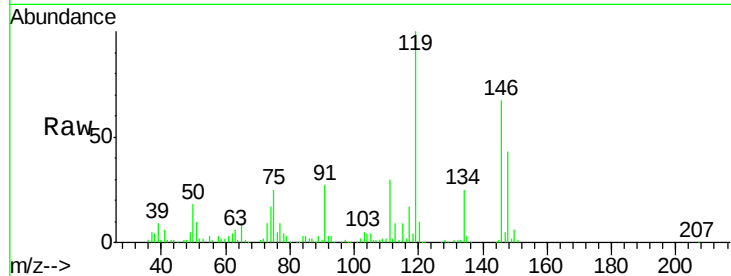
#87
 1,3-Dichlorobenzene
 Concen: 18.131 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064548.D
 Acq: 11 Nov 2020 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.8	22.1	66.1
148	64.2	31.7	95.1

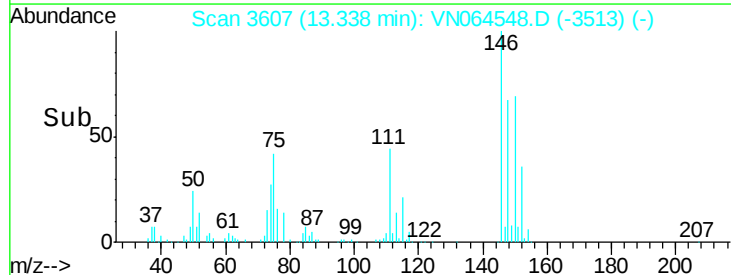
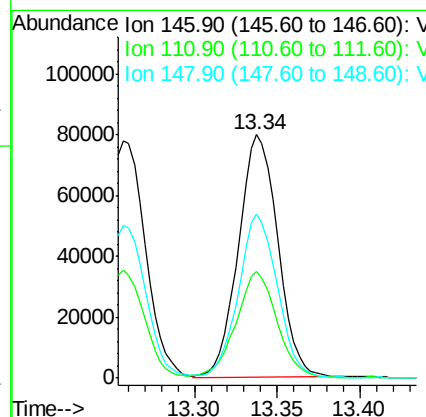
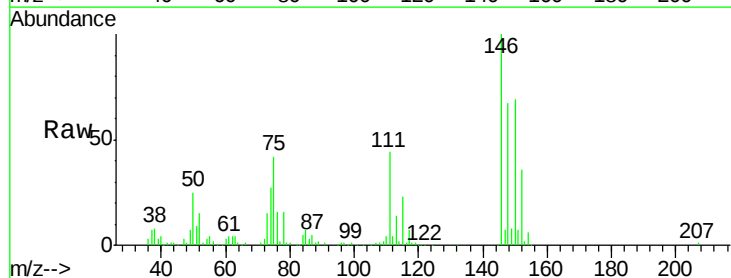
Manual Integrations
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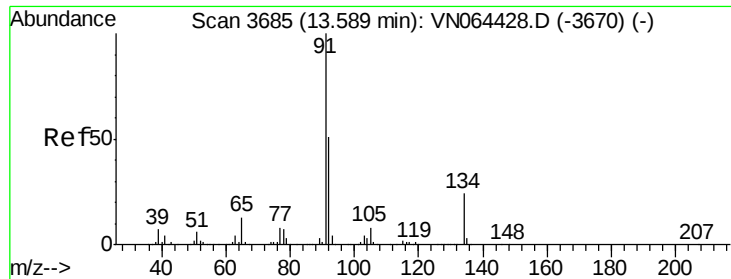
MMDadoda
 11/12/2020 9:12:23 AM



#88
 1,4-Dichlorobenzene
 Concen: 17.359 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064548.D
 Acq: 11 Nov 2020 12:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.3	21.8	65.3
148	66.2	32.4	97.2





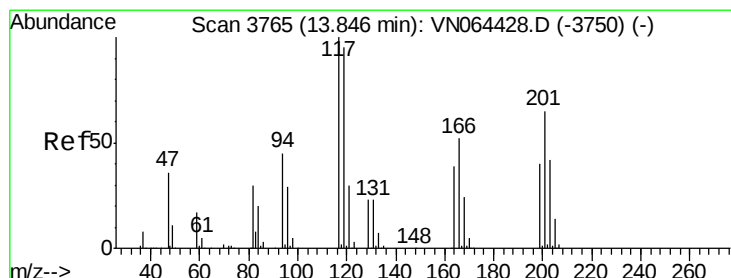
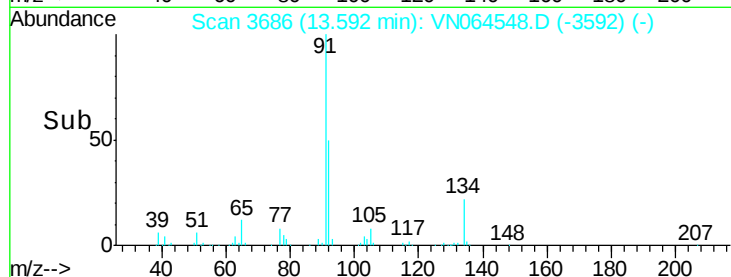
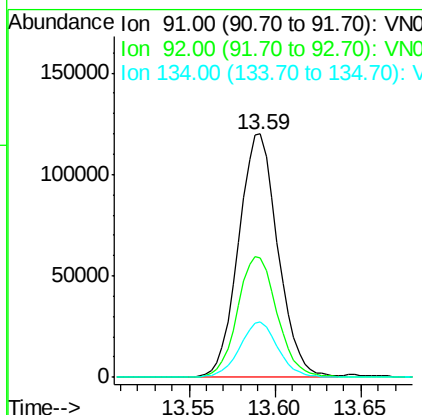
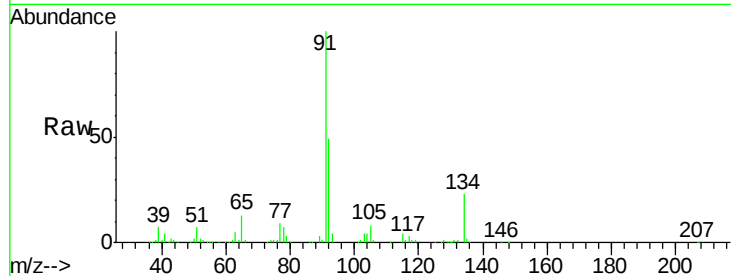
#89
n-Butylbenzene
Concen: 17.380 ug/l
RT: 13.59 min Scan# 3686
Delta R.T. 0.00 min
Lab File: VN064548.D
Acq: 11 Nov 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.4	25.3	75.9
134	22.3	11.8	35.4

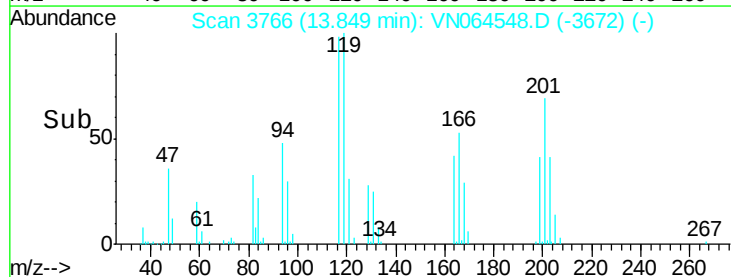
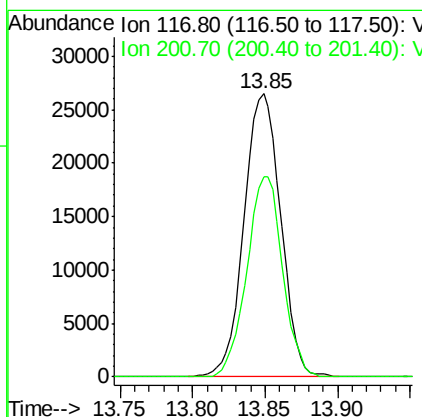
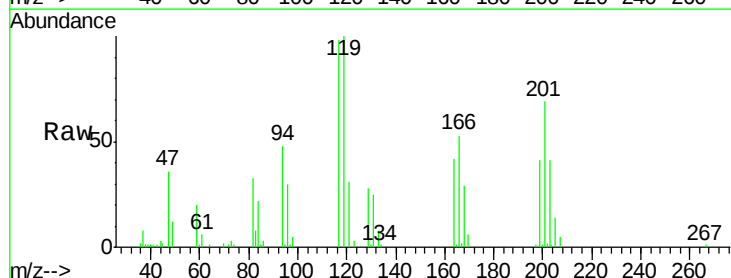
Manual Integrations
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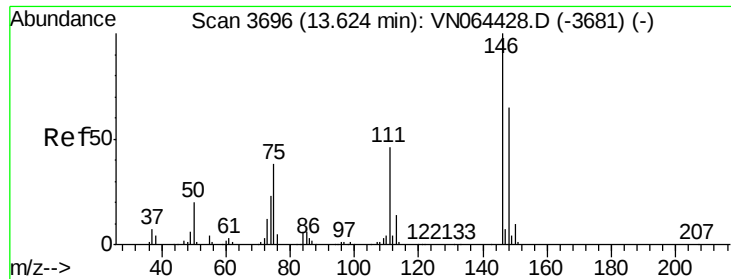
MMDadoda
11/12/2020 9:12:23 AM



#90
Hexachloroethane
Concen: 19.020 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064548.D
Acq: 11 Nov 2020 12:24

Tgt Ion	Ratio	Lower	Upper
117	100		
201	68.8	32.5	97.5





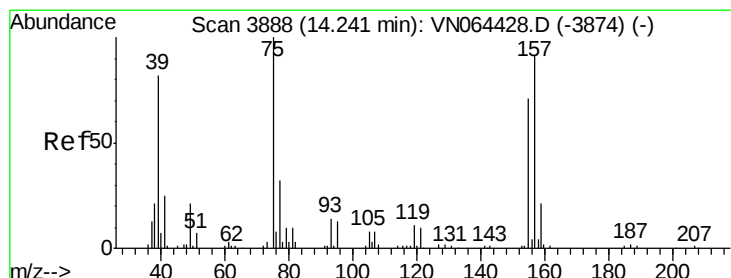
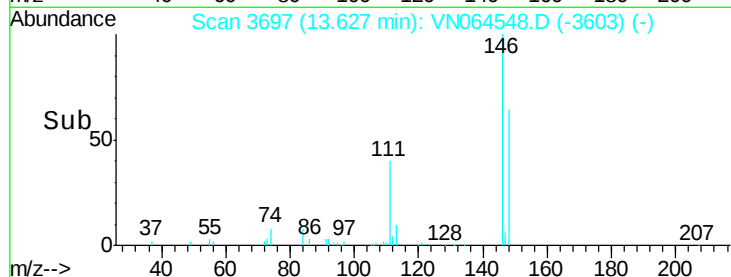
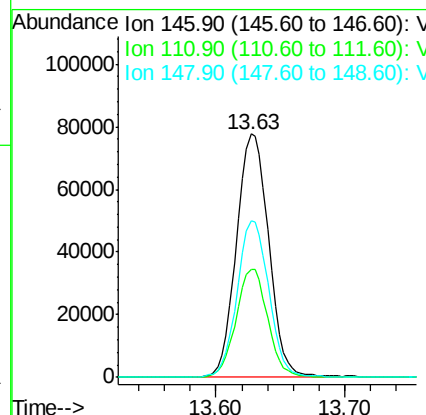
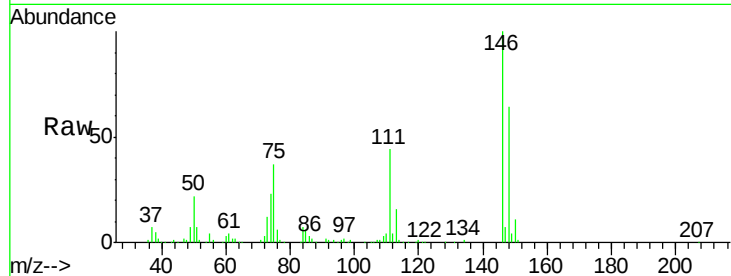
#91
 1,2-Dichlorobenzene
 Concen: 19.172 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064548.D
 Acq: 11 Nov 2020 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.6	22.9	68.7
148	63.2	32.0	96.2

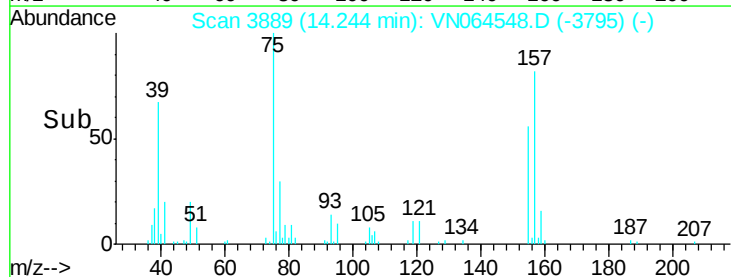
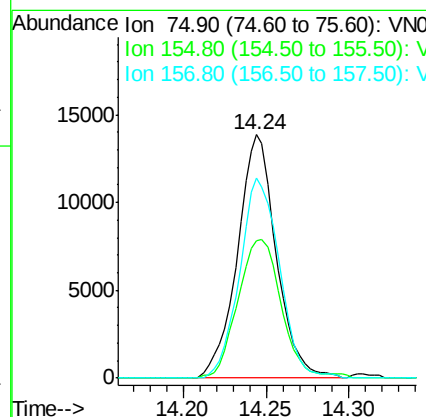
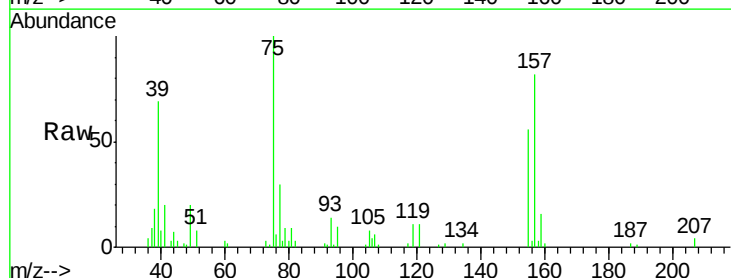
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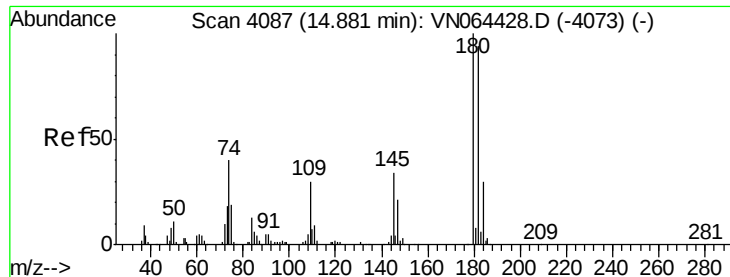
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.200 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064548.D
 Acq: 11 Nov 2020 12:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	63.3	34.6	103.9
157	84.3	43.0	128.8





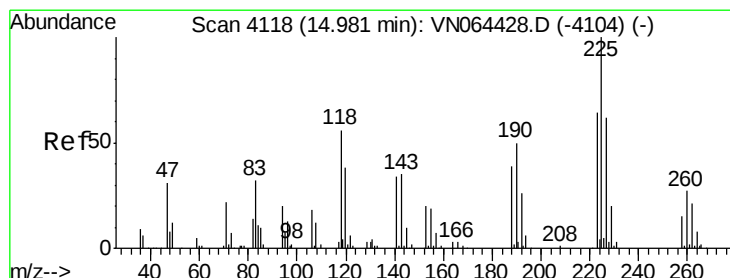
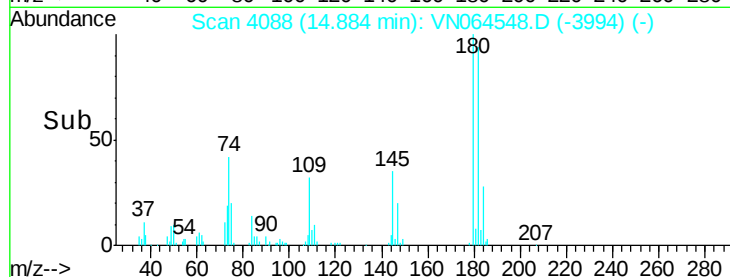
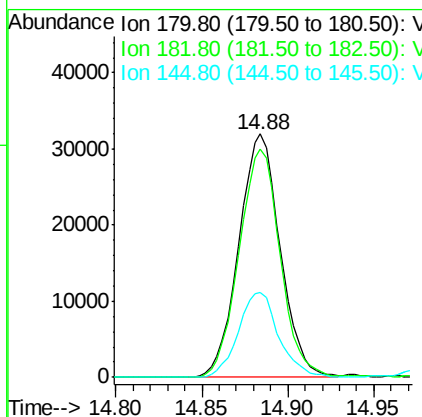
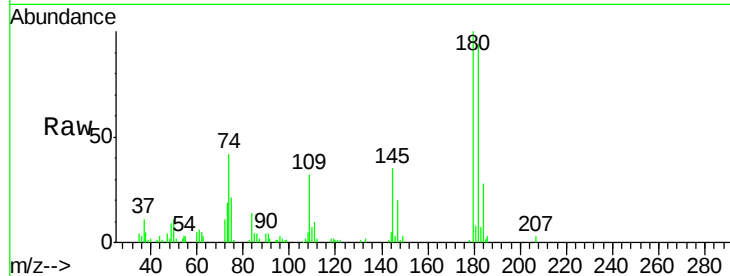
#93
1,2,4-Trichlorobenzene
Concen: 17.062 ug/l
RT: 14.88 min Scan# 4088
Delta R.T. 0.00 min
Lab File: VN064548.D
Acq: 11 Nov 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.4	47.3	142.0
145	34.1	16.7	50.1

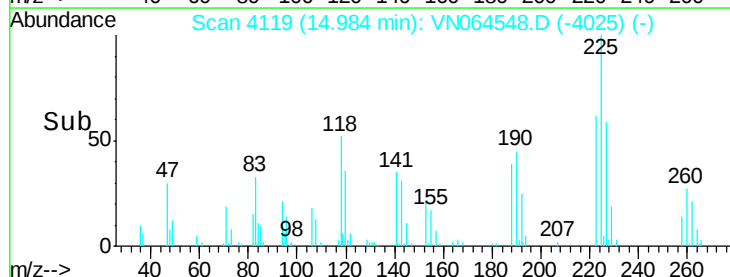
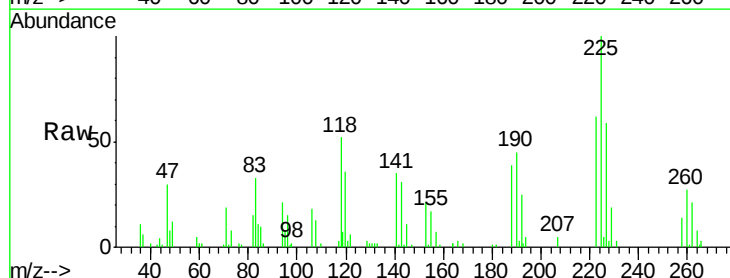
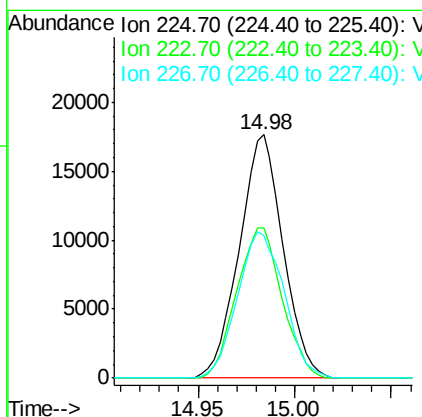
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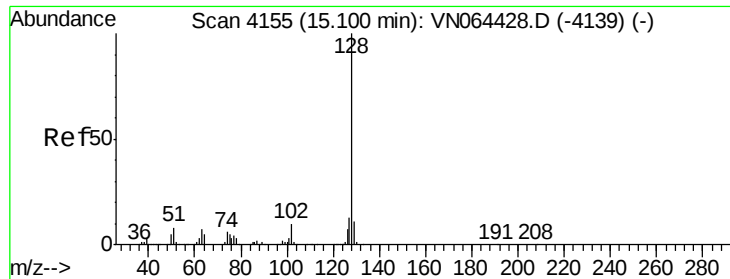
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11/12/2020 9:12:23 AM



#94
Hexachlorobutadiene
Concen: 19.425 ug/l
RT: 14.98 min Scan# 4119
Delta R.T. 0.00 min
Lab File: VN064548.D
Acq: 11 Nov 2020 12:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	31.8	95.4
227	64.0	31.8	95.4





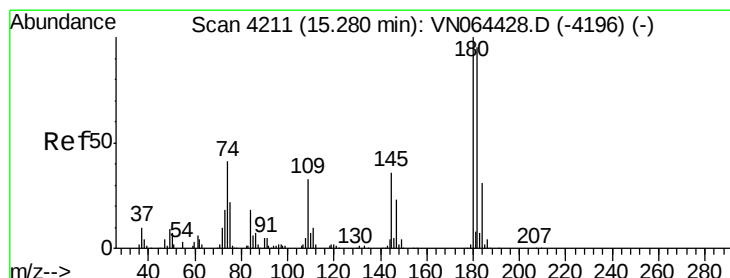
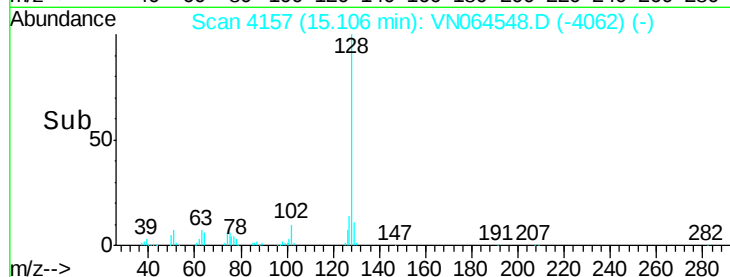
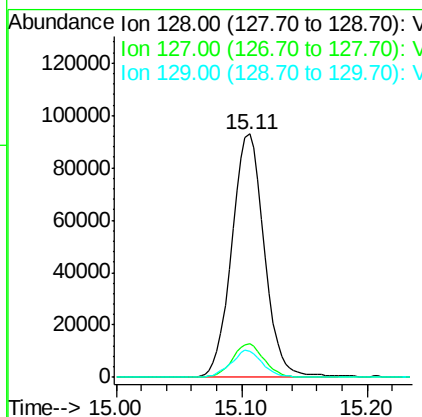
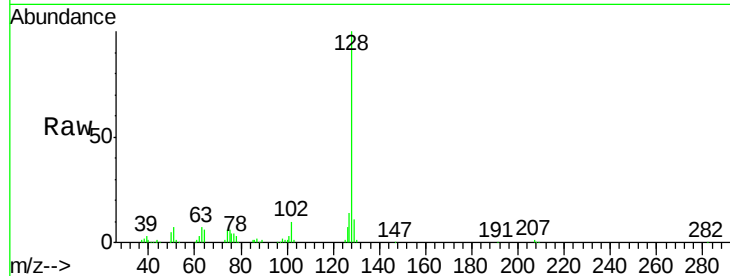
#95
Naphthalene
Concen: 16.569 ug/l
RT: 15.11 min Scan# 4157
Delta R.T. 0.01 min
Lab File: VN064548.D
Acq: 11 Nov 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.5	15.7
129	10.7	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 18.434 ug/l
RT: 15.29 min Scan# 4213
Delta R.T. 0.01 min
Lab File: VN064548.D
Acq: 11 Nov 2020 12:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.7	143.1
145	35.8	18.3	54.8

