

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120120\
 Data File : VN064877.D
 Acq On : 1 Dec 2020 13:03
 Operator : JC/MD
 Sample : VN1201WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1201WBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/2/2020 12:43:25 PM

Quant Time: Dec 02 00:29:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	198764	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	305138	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	276274	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	137534	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	114022	49.34	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.68%
35) Dibromofluoromethane	7.55	113	94290	51.64	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.28%
50) Toluene-d8	10.06	98	371877	49.85	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.70%
62) 4-Bromofluorobenzene	12.37	95	131835	49.38	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.76%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	28629	16.619	ug/l 98
3) Chloromethane	2.04	50	36139	16.144	ug/l 97
4) Vinyl Chloride	2.16	62	38661	16.565	ug/l 97
5) Bromomethane	2.53	94	25264	16.499	ug/l 99
6) Chloroethane	2.67	64	25031	17.340	ug/l 100
7) Trichlorofluoromethane	2.99	101	56190	17.417	ug/l 100
8) Diethyl Ether	3.37	74	22870	17.959	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	35170	18.173	ug/l 98
10) Methyl Iodide	3.90	142	39302	15.656	ug/l 97
11) Tert butyl alcohol	4.75	59	31717	88.012	ug/l 99
12) 1,1-Dichloroethene	3.69	96	33549	17.406	ug/l 96
13) Acrolein	3.56	56	20823	94.599	ug/l 98
14) Allyl chloride	4.27	41	54789	17.235	ug/l 98
15) Acrylonitrile	4.94	53	92955	93.372	ug/l 98
16) Acetone	3.77	43	72570	95.536	ug/l 97
17) Carbon Disulfide	4.00	76	85051	17.094	ug/l 98
18) Methyl Acetate	4.28	43	44810	19.621	ug/l 98
19) Methyl tert-butyl Ether	4.99	73	111198	17.988	ug/l 99
20) Methylene Chloride	4.50	84	41277	17.341	ug/l 98
21) trans-1,2-Dichloroethene	4.98	96	38029	17.767	ug/l 99
22) Diisopropyl ether	5.91	45	118948	18.694	ug/l 98
23) Vinyl Acetate	5.84	43	467989	91.974	ug/l 100
24) 1,1-Dichloroethane	5.79	63	69446	18.262	ug/l 99
25) 2-Butanone	6.79	43	117739	95.616	ug/l 100
26) 2,2-Dichloropropane	6.77	77	56199	17.040	ug/l 97
27) cis-1,2-Dichloroethene	6.78	96	43716	18.151	ug/l 97
28) Bromochloromethane	7.15	49	31142	17.901	ug/l 93
29) Tetrahydrofuran	7.17	42	78114	91.898	ug/l 99
30) Chloroform	7.33	83	72098	18.385	ug/l 95
31) Cyclohexane	7.61	56	54085	16.793	ug/l 96
32) 1,1,1-Trichloroethane	7.52	97	61776	18.342	ug/l 98
36) 1,1-Dichloropropene	7.75	75	51420	18.180	ug/l 99
37) Ethyl Acetate	6.89	43	49756	18.263	ug/l 98
38) Carbon Tetrachloride	7.73	117	54546	18.535	ug/l 98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	52582	17.270	ug/l	98
40) Benzene	8.00	78	157679	18.193	ug/l	100
41) Methacrylonitrile	7.12	41	21402	17.025	ug/l	96
42) 1,2-Dichloroethane	8.08	62	52037	17.798	ug/l	98
43) Isopropyl Acetate	8.13	43	79573	18.151	ug/l #	91
44) Trichloroethene	8.80	130	45962	17.973	ug/l	97
45) 1,2-Dichloropropane	9.08	63	42586	18.974	ug/l	95
46) Dibromomethane	9.17	93	28654	19.110	ug/l	97
47) Bromodichloromethane	9.37	83	57156	18.944	ug/l	97
48) Methyl methacrylate	9.16	41	39374	18.796	ug/l	98
49) 1,4-Dioxane	9.17	88	15041	379.897	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	250897	95.330	ug/l	100
52) Toluene	10.12	92	99150	18.576	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	60597	18.033	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	67024	18.608	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	41444	18.883	ug/l	98
56) Ethyl methacrylate	10.40	69	54512	17.998	ug/l	98
57) 1,3-Dichloropropane	10.68	76	68729	18.983	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	154850	92.945	ug/l	100
59) 2-Hexanone	10.72	43	177692	93.812	ug/l	98
60) Dibromochloromethane	10.87	129	45603	18.692	ug/l	100
61) 1,2-Dibromoethane	10.97	107	41647	18.677	ug/l	100
64) Tetrachloroethene	10.60	164	52191	19.417	ug/l	99
65) Chlorobenzene	11.41	112	108688	18.320	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	41047	18.826	ug/l	97
67) Ethyl Benzene	11.48	91	180547	18.216	ug/l	100
68) m/p-Xylenes	11.59	106	142720	38.033	ug/l	97
69) o-Xylene	11.92	106	65561	18.411	ug/l	98
70) Styrene	11.94	104	112803	18.765	ug/l	98
71) Bromoform	12.10	173	31928	18.334	ug/l #	99
73) Isopropylbenzene	12.22	105	175935	18.391	ug/l	98
74) N-amyl acetate	12.04	43	67460	17.919	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	52060	18.567	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	49455m	16.697	ug/l	
77) Bromobenzene	12.50	156	46782	18.139	ug/l	99
78) n-propylbenzene	12.56	91	201964	18.532	ug/l	99
79) 2-Chlorotoluene	12.65	91	122900	18.244	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	151683	19.076	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	18570	17.183	ug/l	95
82) 4-Chlorotoluene	12.75	91	129720	18.371	ug/l	100
83) tert-Butylbenzene	12.97	119	123711	18.561	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	152767	19.002	ug/l	98
85) sec-Butylbenzene	13.14	105	167706	18.951	ug/l	100
86) p-Isopropyltoluene	13.26	119	154854	19.221	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	83375	18.195	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	84226	17.381	ug/l	96
89) n-Butylbenzene	13.59	91	125805	17.781	ug/l	99
90) Hexachloroethane	13.85	117	26484	18.923	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	81942	18.212	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	10819	17.148	ug/l	97

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ClientSampleId :
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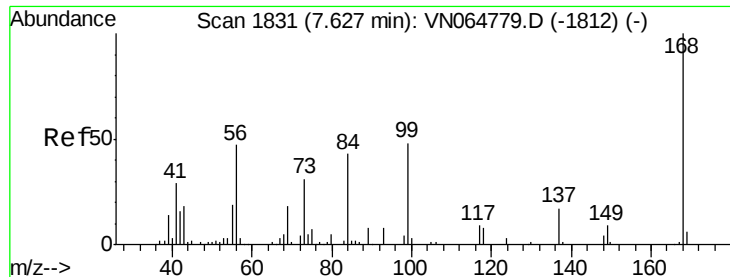
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	47164	16.946	ug/l	99
94) Hexachlorobutadiene	14.98	225	23991	19.372	ug/l	99
95) Naphthalene	15.10	128	138557	16.617	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	46148	18.354	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064877.D

Acq: 1 Dec 2020 13:03

Instrument :

MSVOA_N

ClientSampleId :

VN1201WBSD01

Tot Ion:168 Resp: 198764

Ion Ratio Lower Upper

168 100

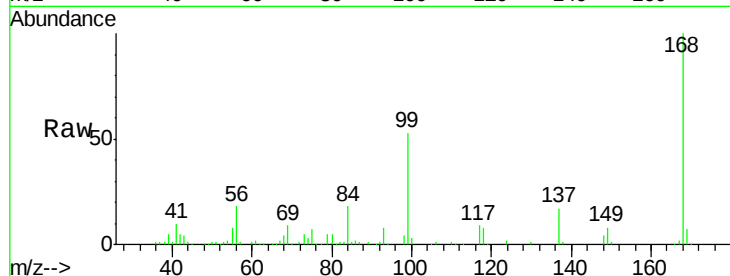
99 53.2 43.0 64.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

80000

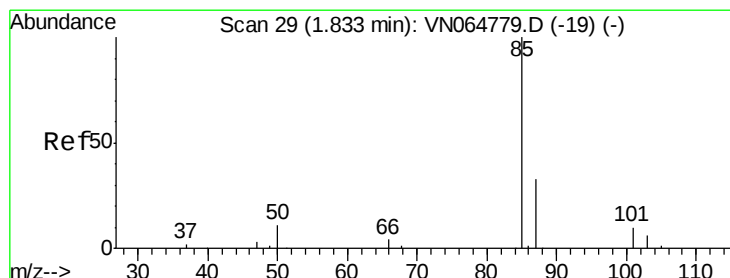
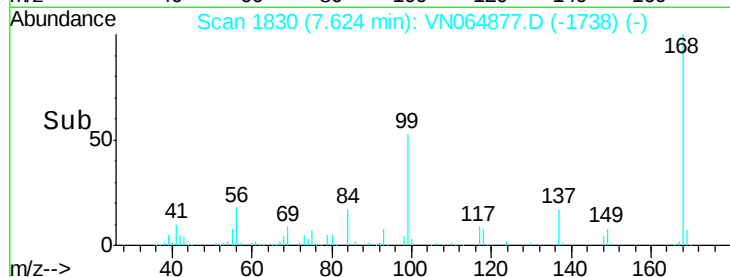
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 16.619 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064877.D

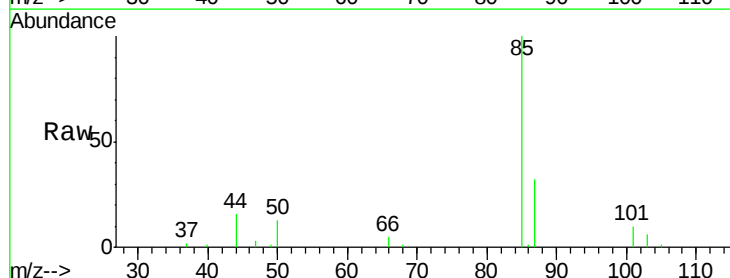
Acq: 1 Dec 2020 13:03

Tgt Ion: 85 Resp: 28629

Ion Ratio Lower Upper

85 100

87 31.6 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

25000

20000

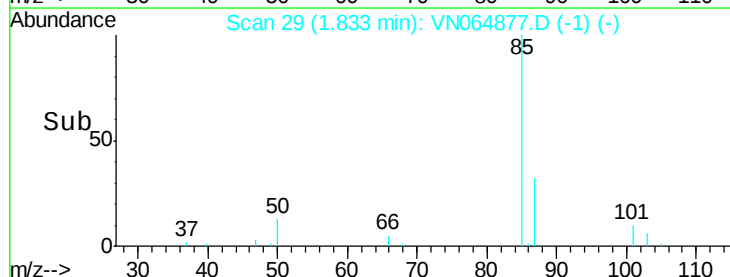
15000

10000

5000

0

Time-->





#3

Chloromethane

Concen: 16.144 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064877.D

Acq: 1 Dec 2020 13:03

Instrument :

MSVOA_N

ClientSampleId :

VN1201WBSD01

Tot Ion: 50 Resp: 36139

Ion Ratio Lower Upper

50 100

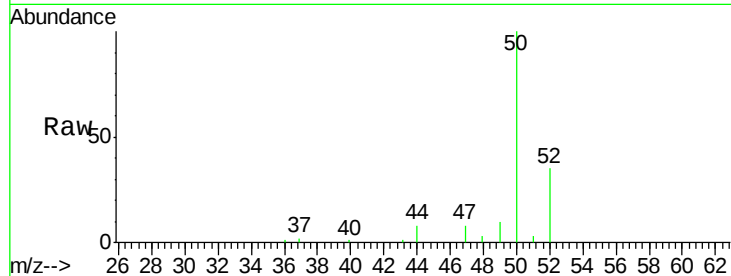
52 34.8 26.6 39.8

Manual Integrations

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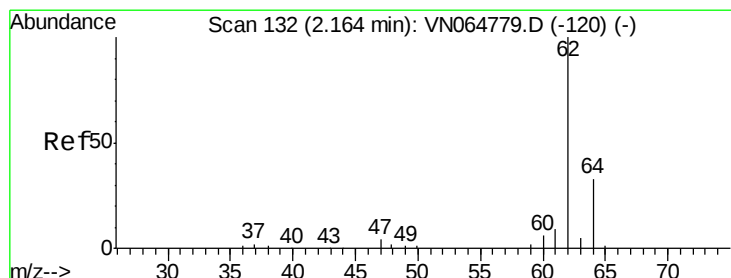
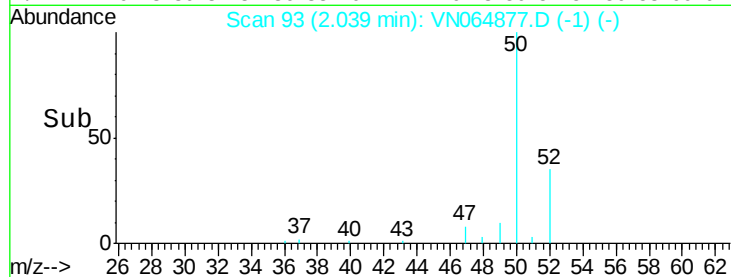
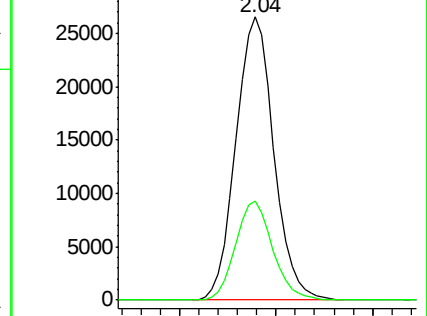
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 16.565 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064877.D

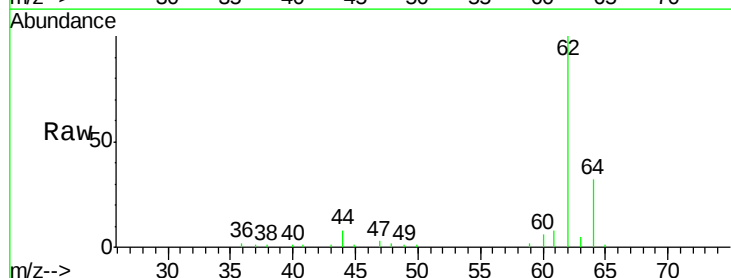
Acq: 1 Dec 2020 13:03

Tgt Ion: 62 Resp: 38661

Ion Ratio Lower Upper

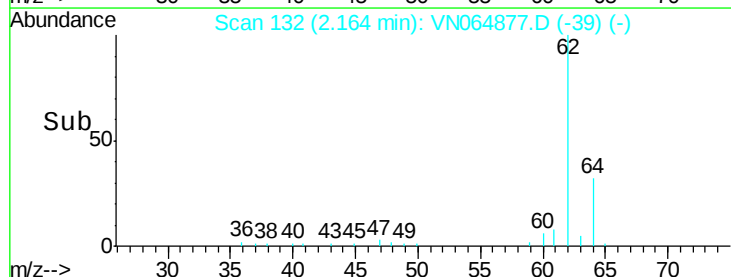
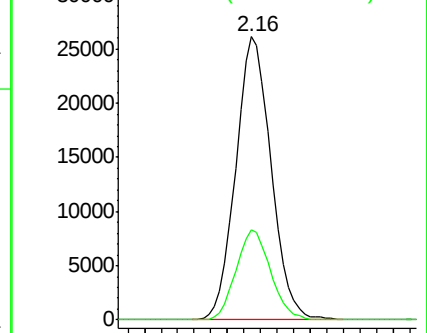
62 100

64 31.7 26.5 39.7



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 16.499 ug/l

RT: 2.53 min Scan# 245

Delta R.T. 0.00 min

Lab File: VN064877.D

Acq: 1 Dec 2020 13:03

Instrument :

MSVOA_N

ClientSampleId :

VN1201WBSD01

Tot Ion: 94 Resp: 25264

Ion Ratio Lower Upper

94 100

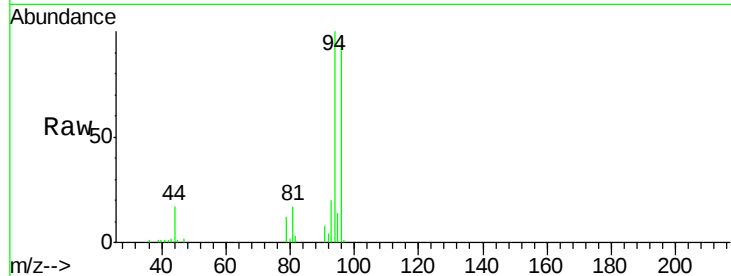
96 94.9 75.4 113.0

Manual Integrations

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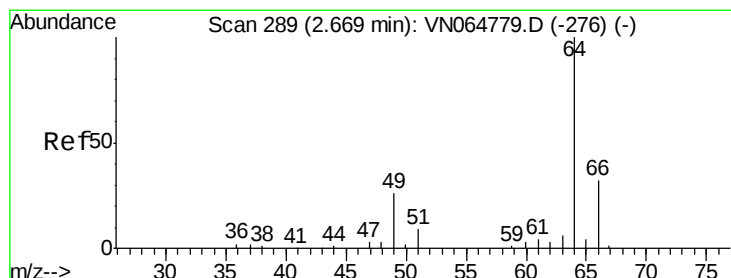
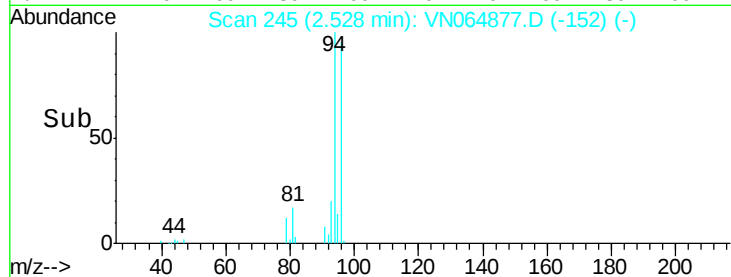
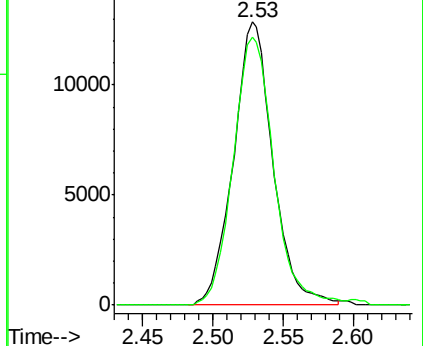
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Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 17.340 ug/l

RT: 2.67 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN064877.D

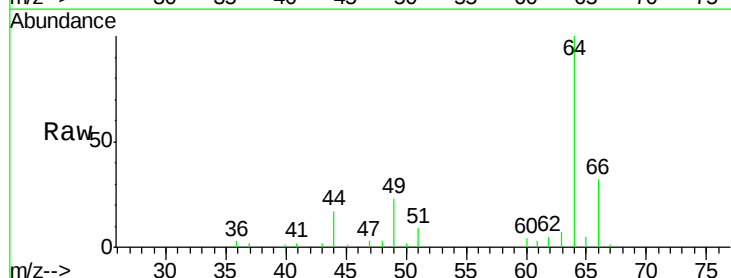
Acq: 1 Dec 2020 13:03

Tgt Ion: 64 Resp: 25031

Ion Ratio Lower Upper

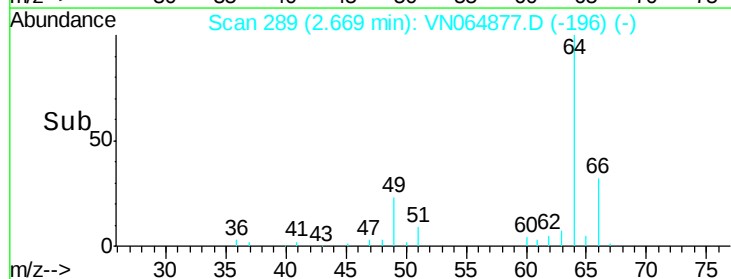
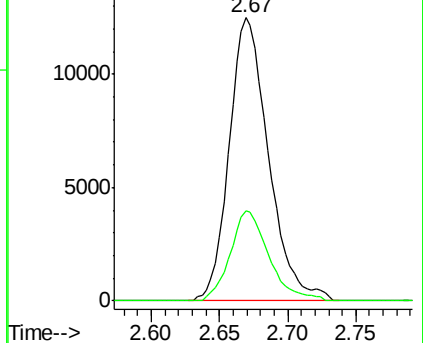
64 100

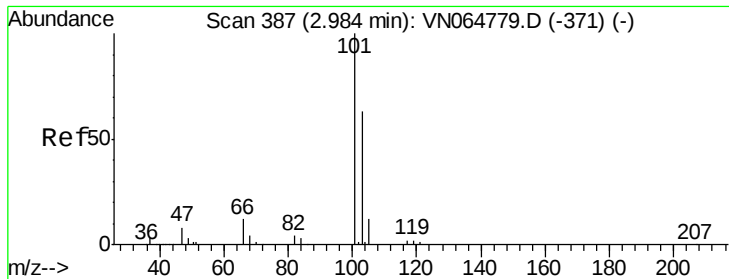
66 32.0 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO





#7

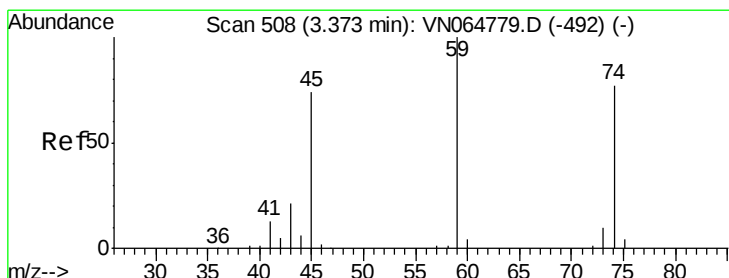
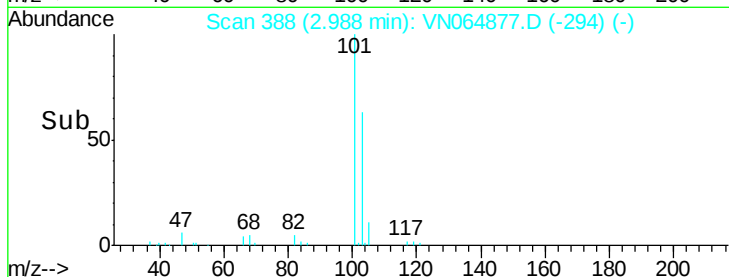
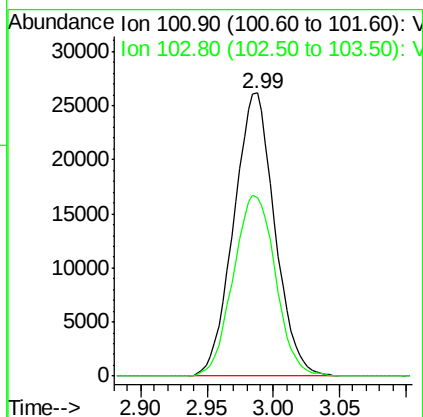
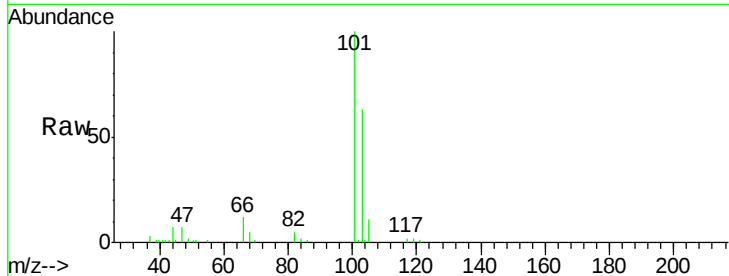
Trichlorofluoromethane
Concen: 17.417 ug/l
RT: 2.99 min Scan# 388
Delta R.T. 0.00 min
Lab File: VN064877.D
Acq: 1 Dec 2020 13:03

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.2	50.5	75.7

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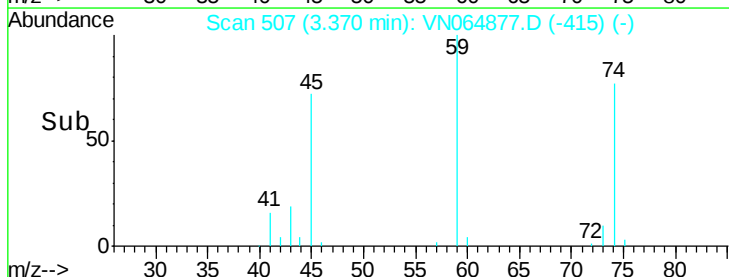
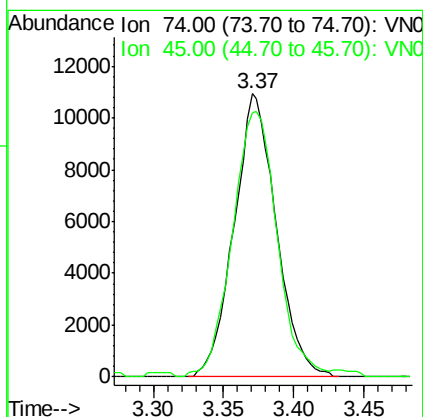
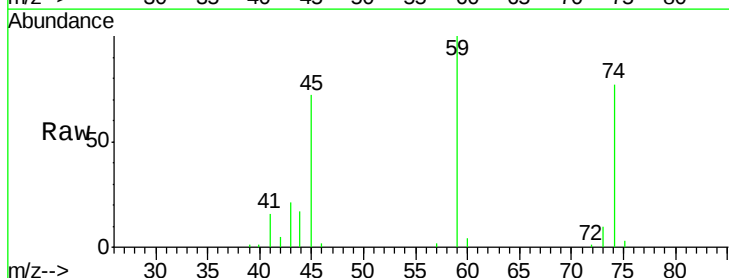
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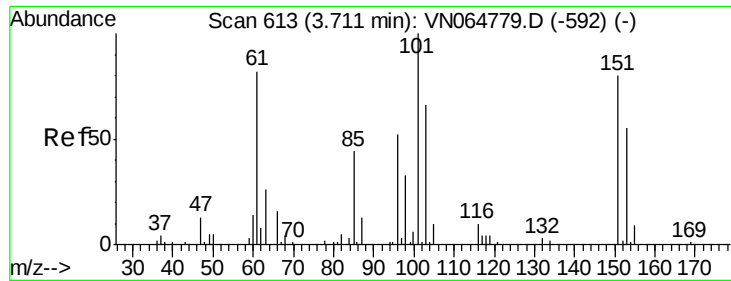


#8

Diethyl Ether
Concen: 17.959 ug/l
RT: 3.37 min Scan# 507
Delta R.T. -0.00 min
Lab File: VN064877.D
Acq: 1 Dec 2020 13:03

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.4	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.173 ug/l

RT: 3.71 min Scan# 612

Delta R.T. -0.00 min

Lab File: VN064877.D

Acq: 1 Dec 2020 13:03

Instrument :

MSVOA_N

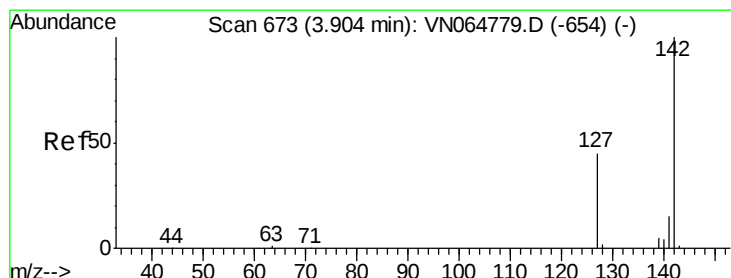
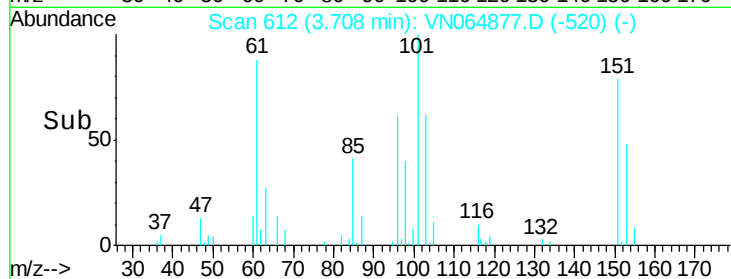
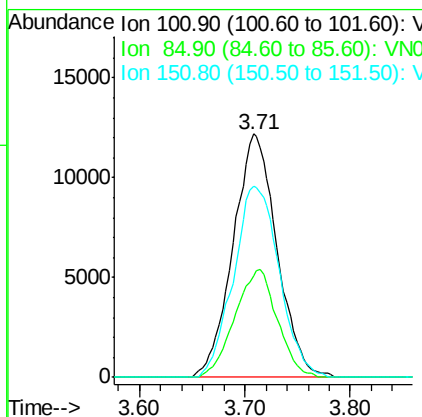
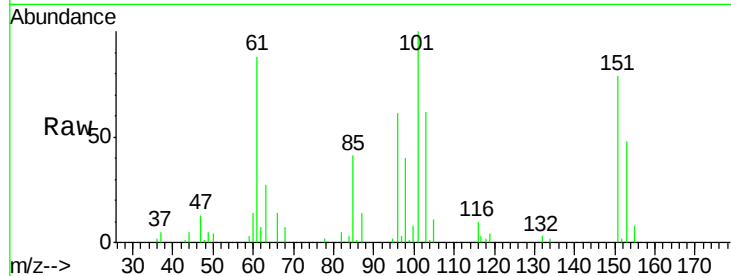
ClientSampleId :

VN1201WBSD01

Tot Ion:	101	Resp:	35170
Ion Ratio	Lower	Upper	
101	100		
85	43.0	34.4	51.6
151	82.1	64.0	96.0

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#10

Methyl Iodide

Concen: 15.656 ug/l

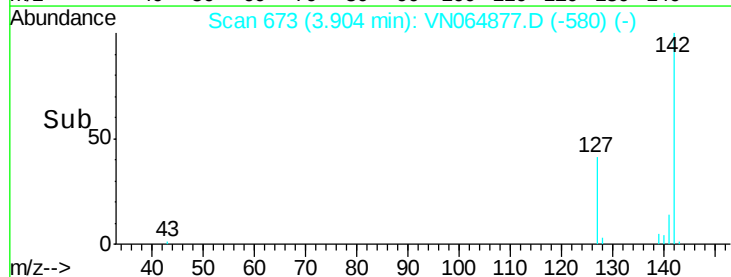
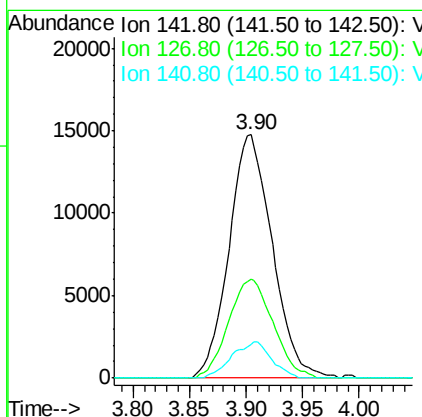
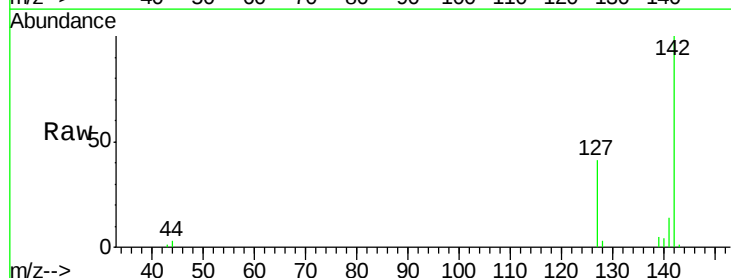
RT: 3.90 min Scan# 673

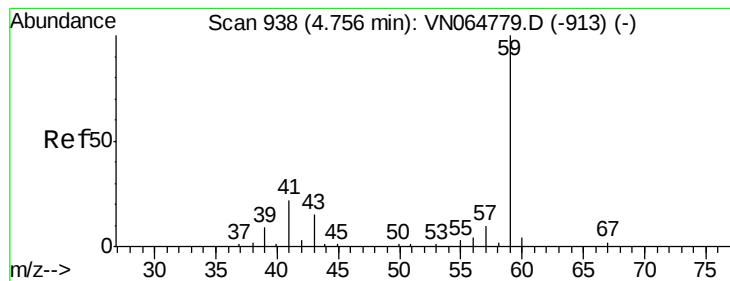
Delta R.T. 0.00 min

Lab File: VN064877.D

Acq: 1 Dec 2020 13:03

Tgt Ion:	142	Resp:	39302
Ion Ratio	Lower	Upper	
142	100		
127	41.7	35.0	52.6
141	13.6	11.8	17.6





#11

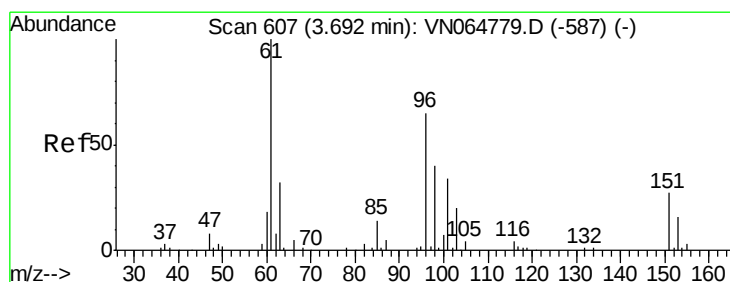
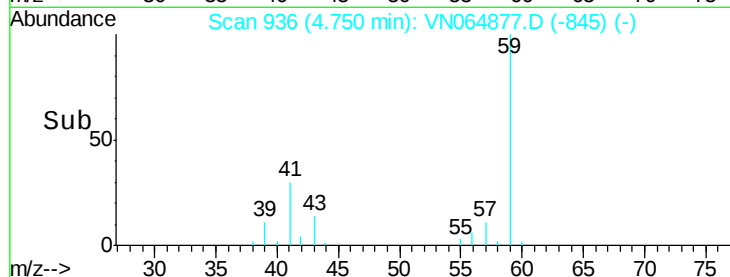
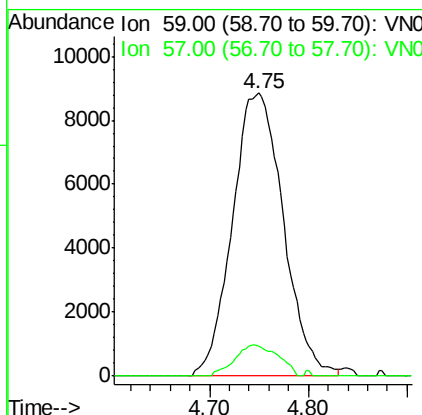
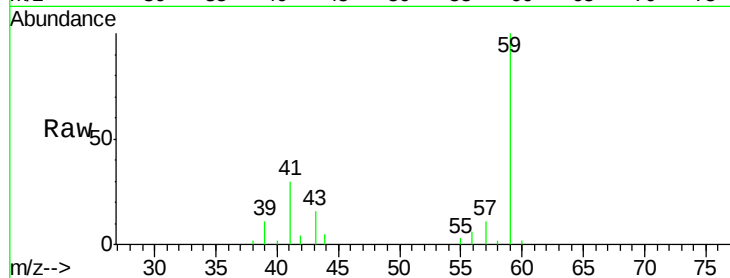
Tert butyl alcohol
 Concen: 88.012 ug/l
 RT: 4.75 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VN064877.D
 Acq: 1 Dec 2020 13:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1201WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.4	7.9	11.9

Manual Integrations
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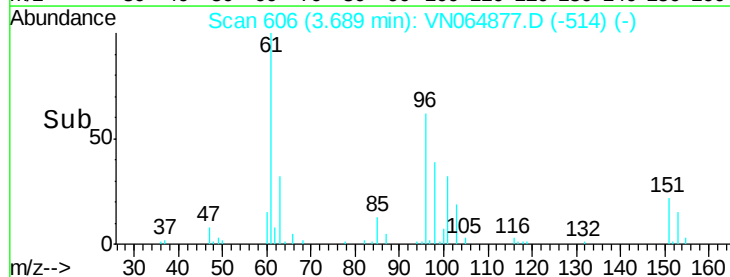
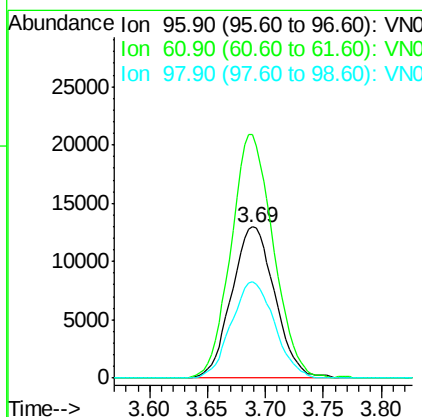
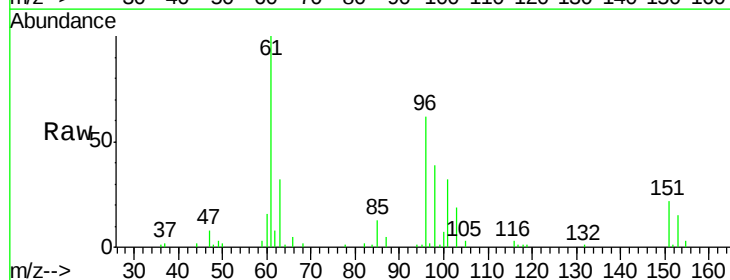
MMDadoda
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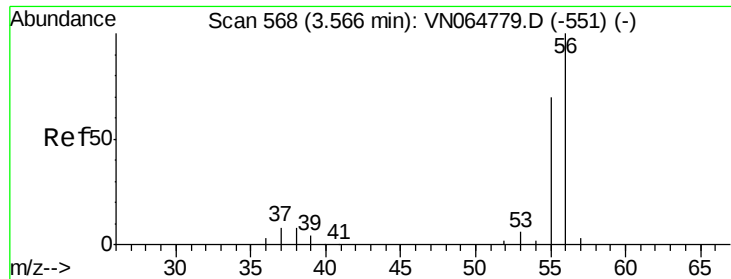


#12

1,1-Dichloroethene
 Concen: 17.406 ug/l
 RT: 3.69 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VN064877.D
 Acq: 1 Dec 2020 13:03

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.2	123.4	185.2
98	63.5	49.8	74.8





#13

Acrolein

Concen: 94.599 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN064877.D

Acq: 1 Dec 2020 13:03

Instrument :

MSVOA_N

ClientSampleID :

VN1201WBSD01

Tot Ion: 56 Resp: 20823

Ion Ratio Lower Upper

56 100

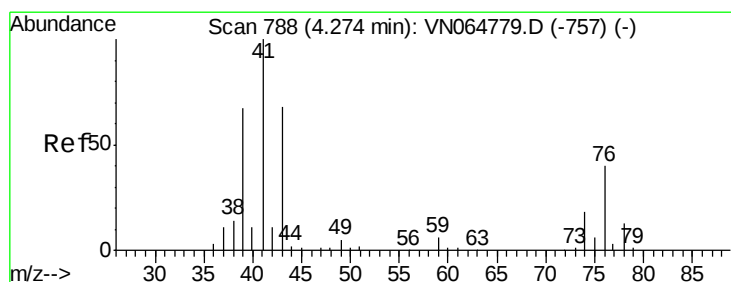
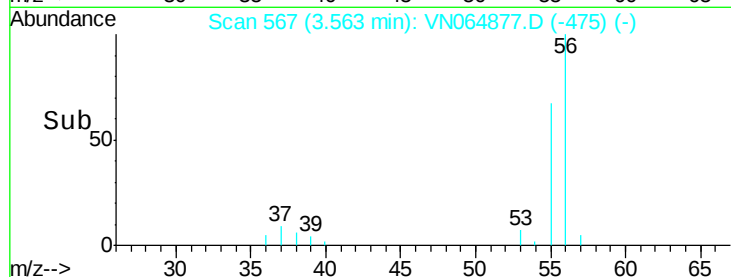
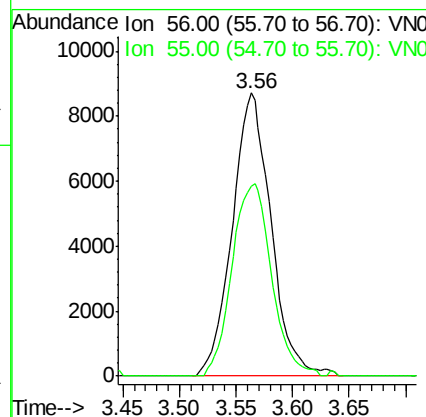
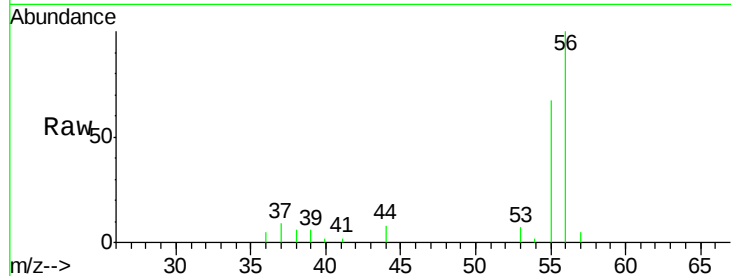
55 69.2 56.5 84.7

Manual Integrations

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#14

Allyl chloride

Concen: 17.235 ug/l

RT: 4.27 min Scan# 787

Delta R.T. -0.00 min

Lab File: VN064877.D

Acq: 1 Dec 2020 13:03

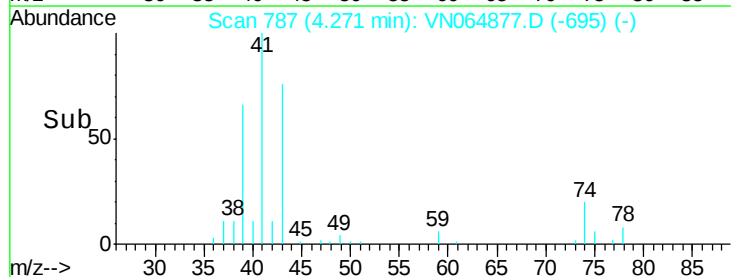
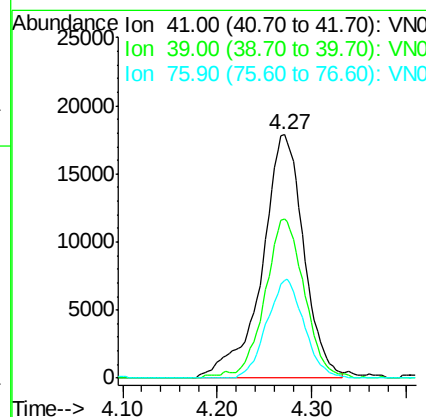
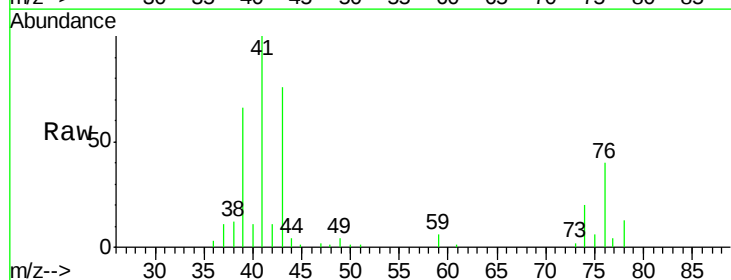
Tgt Ion: 41 Resp: 54789

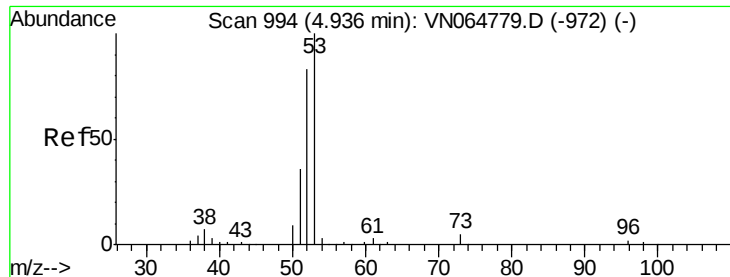
Ion Ratio Lower Upper

41 100

39 60.9 50.9 76.3

76 36.2 29.0 43.4





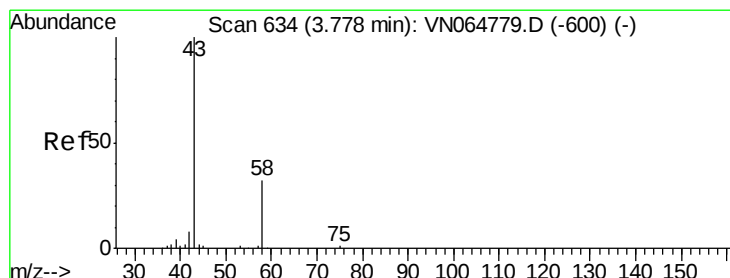
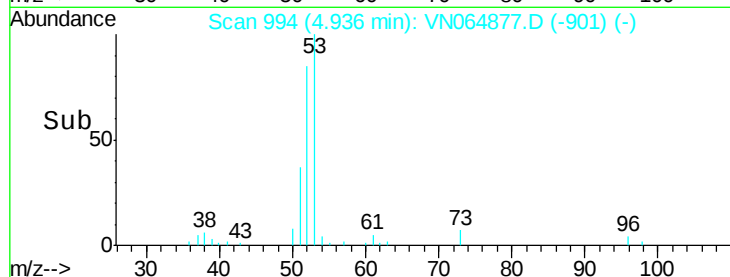
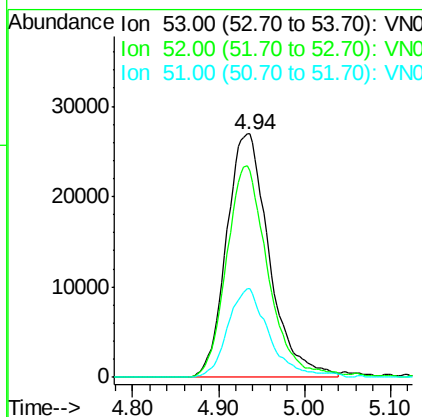
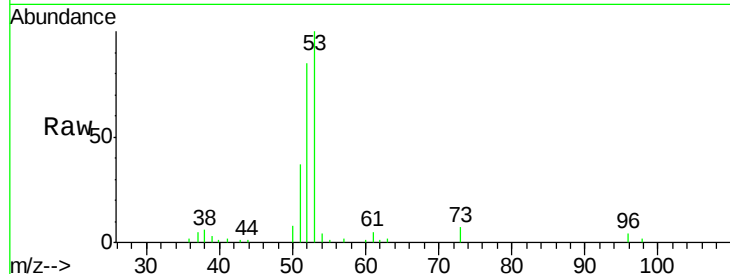
#15
 Acrylonitrile
 Concen: 93.372 ug/l
 RT: 4.94 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VN064877.D
 Acq: 1 Dec 2020 13:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1201WBSD01

Tot Ion:	53	Resp:	92955
Ion	Ratio	Lower	Upper
53	100		
52	84.0	65.5	98.3
51	35.4	28.6	43.0

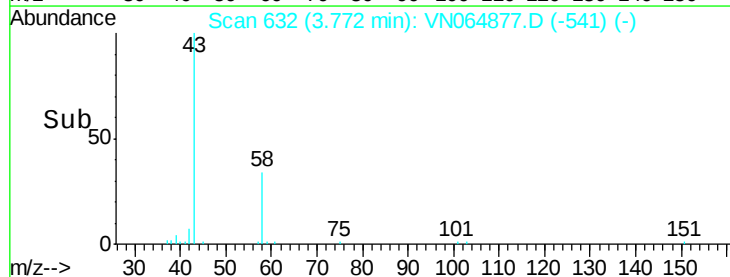
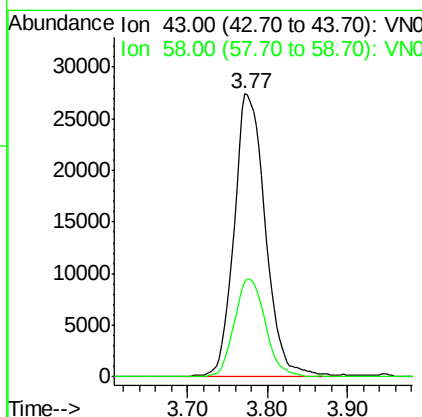
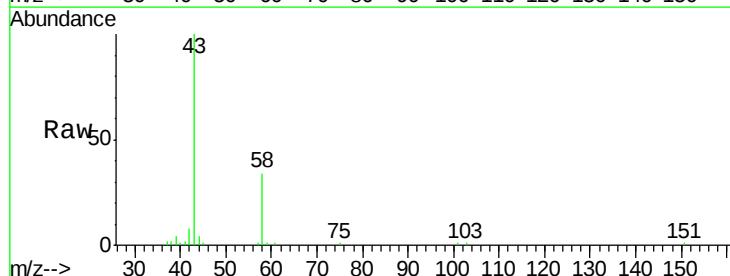
Manual Integrations
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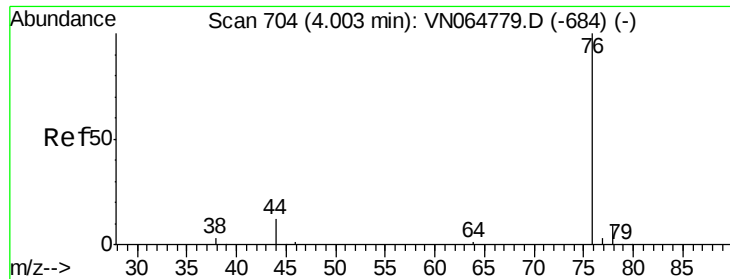
MMDadoda
 12/2/2020 12:43:25 PM



#16
 Acetone
 Concen: 95.536 ug/l
 RT: 3.77 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: VN064877.D
 Acq: 1 Dec 2020 13:03

Tgt Ion:	43	Resp:	72570
Ion	Ratio	Lower	Upper
43	100		
58	33.5	25.7	38.5





#17

Carbon Disulfide

Concen: 17.094 ug/l

RT: 4.00 min Scan# 703

Delta R.T. -0.00 min

Lab File: VN064877.D

Acq: 1 Dec 2020 13:03

Tot Ion: 76 Resp: 85051

Ion Ratio Lower Upper

76 100

78 10.0 7.4 11.0

Instrument :

MSVOA_N

ClientSampled :

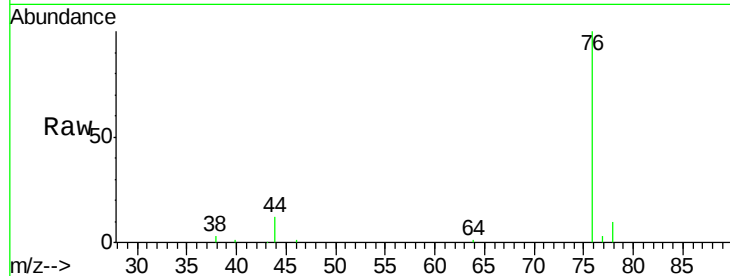
VN1201WBSD01

Manual Integrations

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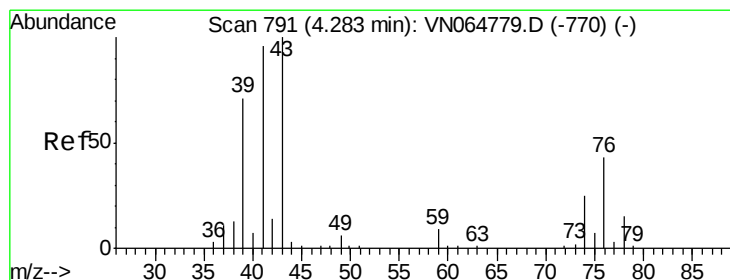
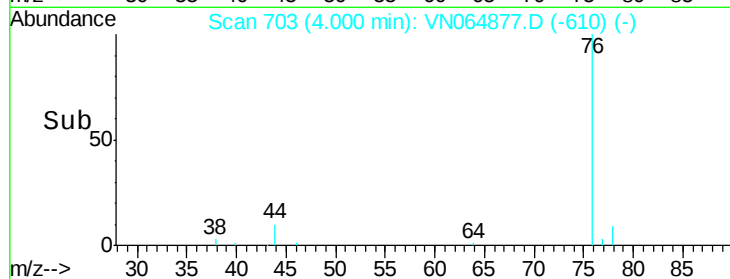
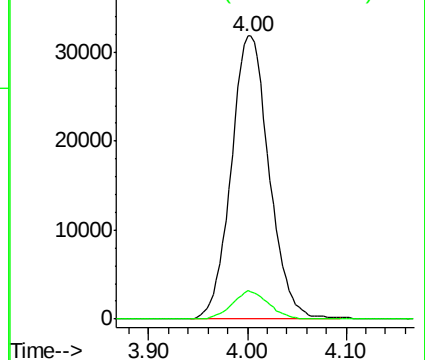
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 19.621 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.01 min

Lab File: VN064877.D

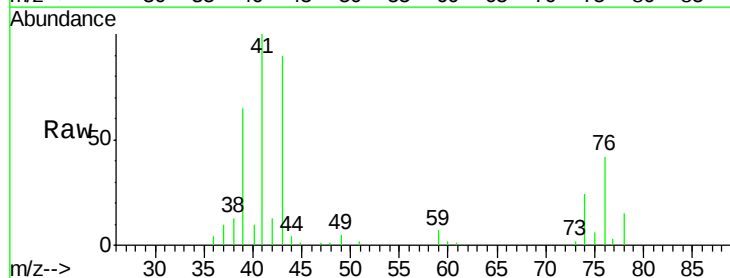
Acq: 1 Dec 2020 13:03

Tgt Ion: 43 Resp: 44810

Ion Ratio Lower Upper

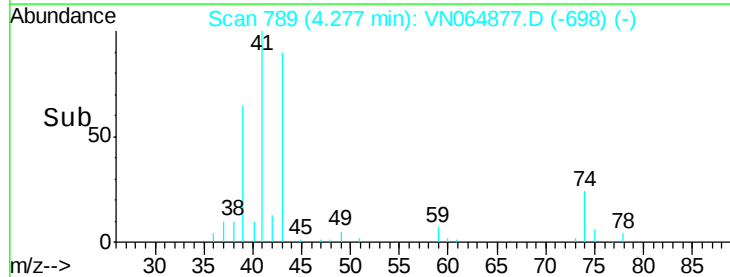
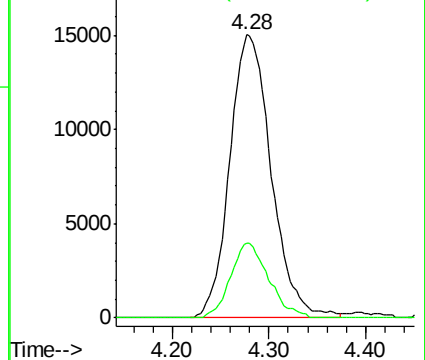
43 100

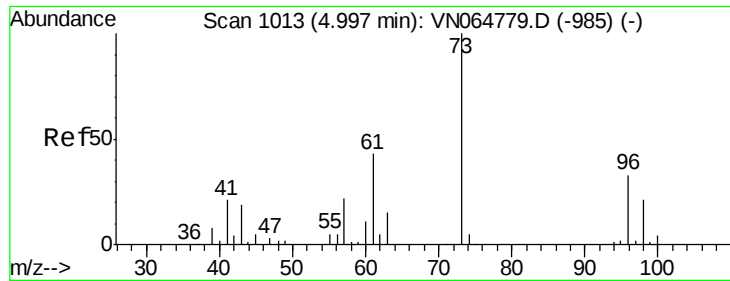
74 24.2 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO





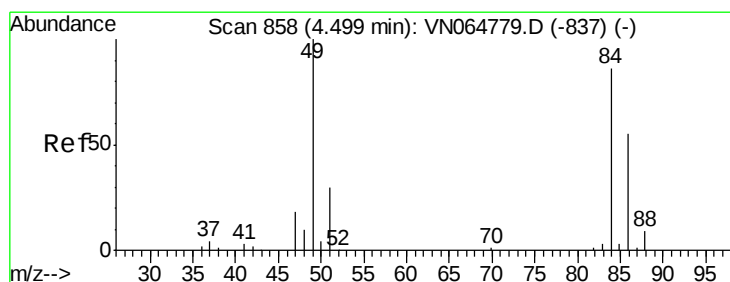
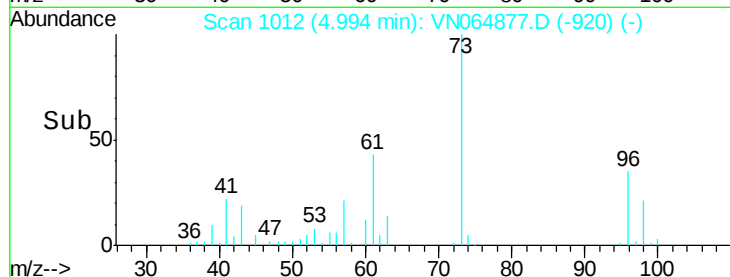
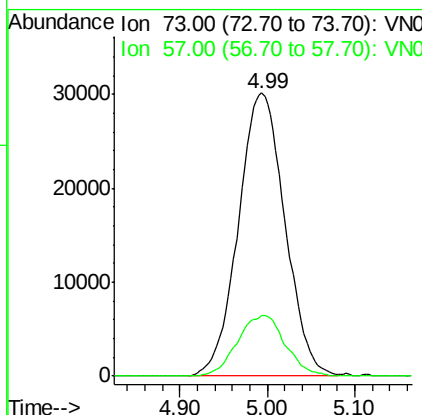
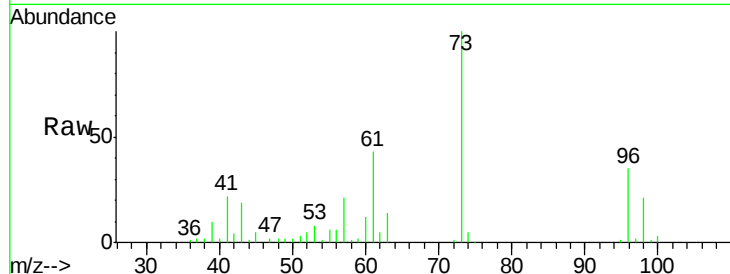
#19
Methvl tert-butvl Ether
Concen: 17.988 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VN064877.D
Acq: 1 Dec 2020 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01

Tot Ion: 73 Resp: 111198
Ion Ratio Lower Upper
73 100
57 21.2 17.4 26.0

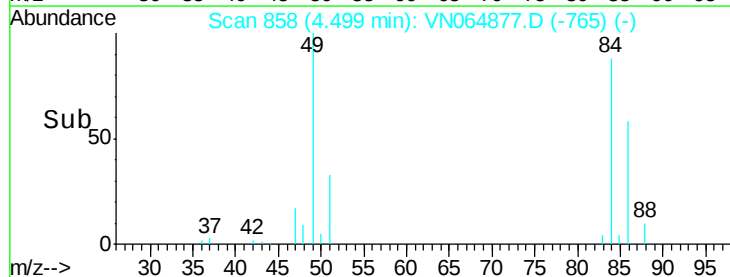
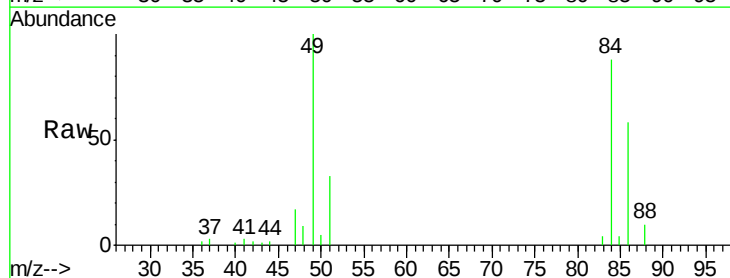
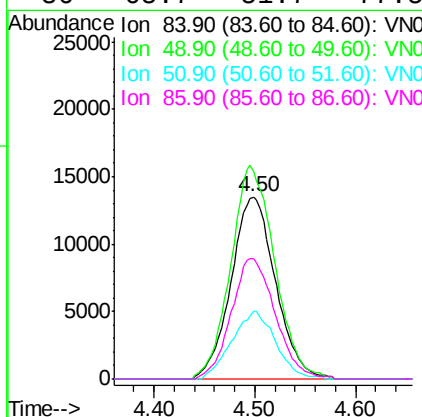
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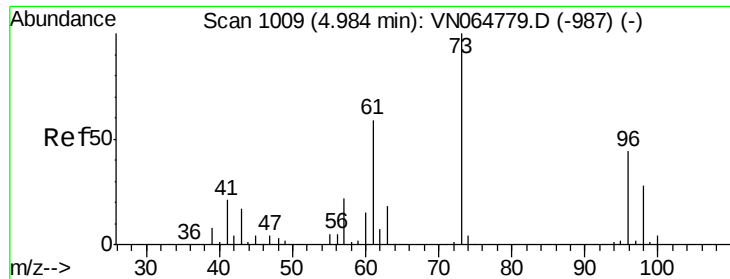
MMDadoda
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#20
Methylene Chloride
Concen: 17.341 ug/l
RT: 4.50 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN064877.D
Acq: 1 Dec 2020 13:03

Tgt Ion: 84 Resp: 41277
Ion Ratio Lower Upper
84 100
49 113.8 93.4 140.0
51 37.0 28.2 42.4
86 65.7 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 17.767 ug/l

RT: 4.98 min Scan# 1008

Delta R.T. -0.00 min

Lab File: VN064877.D

Acq: 1 Dec 2020 13:03

Instrument :

MSVOA_N

ClientSampleId :

VN1201WBSD01

Tot Ion: 96 Resp: 38029

Ion Ratio Lower Upper

96 100

61 136.6 108.4 162.6

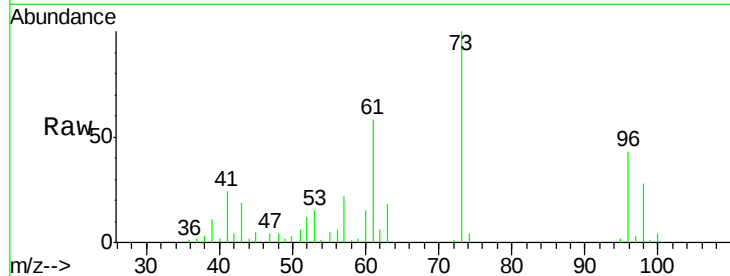
98 65.9 51.3 76.9

Manual Integrations

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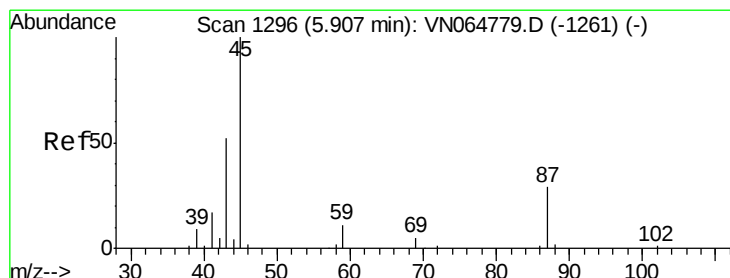
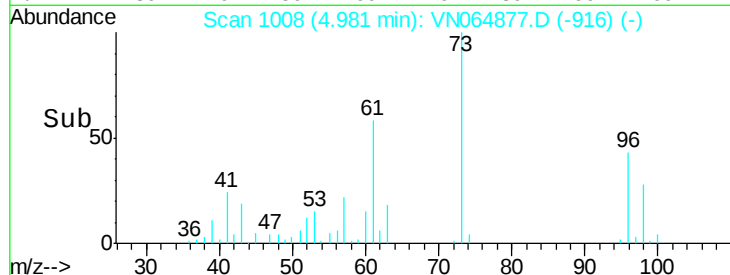
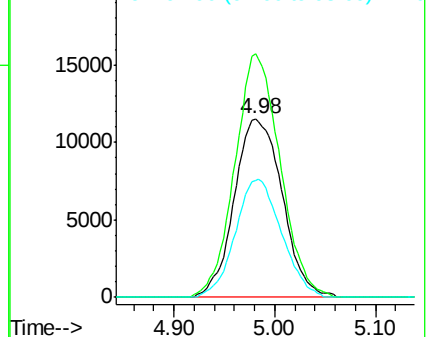


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 18.694 ug/l

RT: 5.91 min Scan# 1296

Delta R.T. 0.00 min

Lab File: VN064877.D

Acq: 1 Dec 2020 13:03

Tgt Ion: 45 Resp: 118948

Ion Ratio Lower Upper

45 100

43 56.7 46.2 69.2

87 29.3 24.1 36.1

59 12.4 9.0 13.4

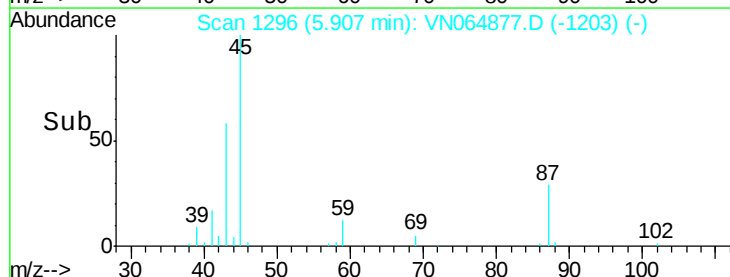
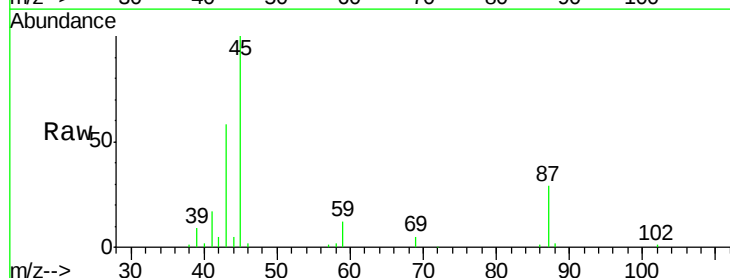
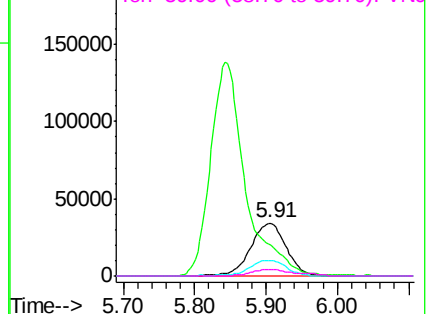
Abundance

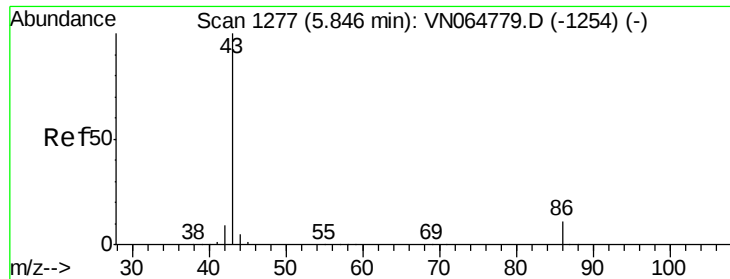
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 91.974 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN064877.D

Acq: 1 Dec 2020 13:03

Instrument :

MSVOA_N

ClientSampleId :

VN1201WBSD01

Tot Ion: 43 Resp: 467989

Ion Ratio Lower Upper

43 100

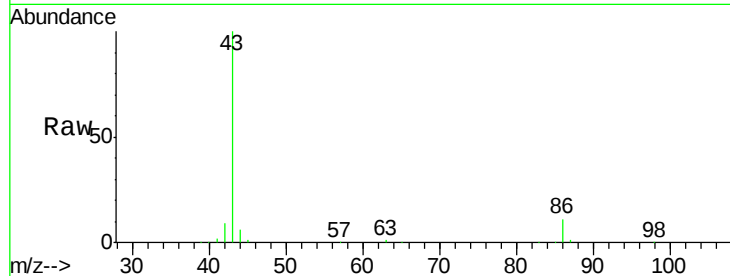
86 11.1 8.9 13.3

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.84

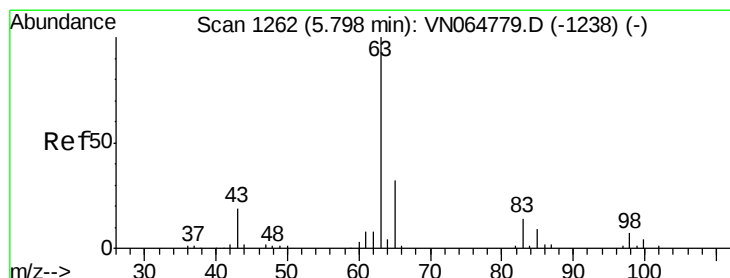
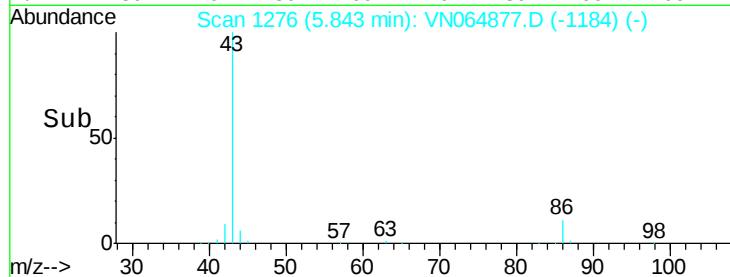
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.262 ug/l

RT: 5.79 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VN064877.D

Acq: 1 Dec 2020 13:03

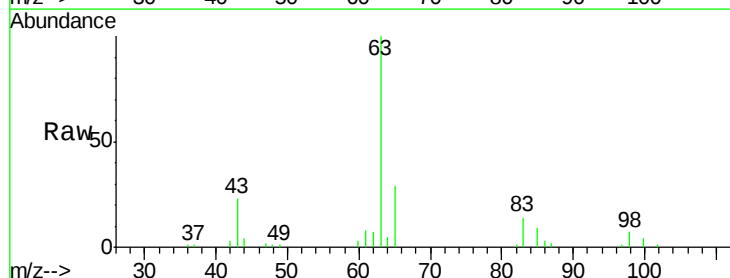
Tgt Ion: 63 Resp: 69446

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.5

100 3.8 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

5.79

25000

20000

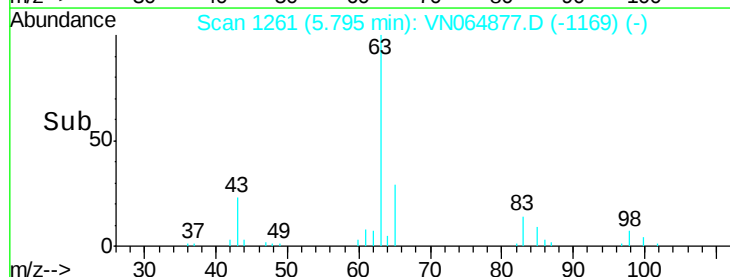
15000

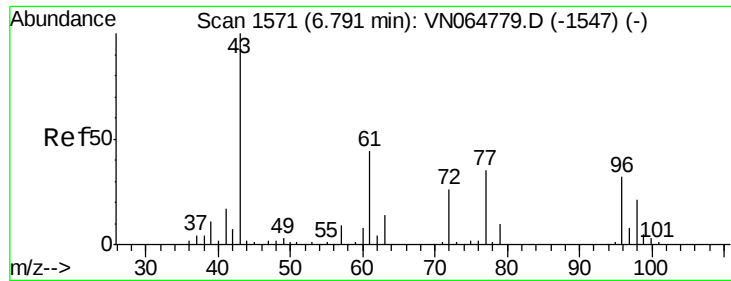
10000

5000

0

Time-->





#25

2-Butanone

Concen: 95.616 ug/l

RT: 6.79 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN064877.D

Acq: 1 Dec 2020 13:03

Instrument :

MSVOA_N

ClientSampleId :

VN1201WBSD01

Tot Ion: 43 Resp: 117739

Ion Ratio Lower Upper

43 100

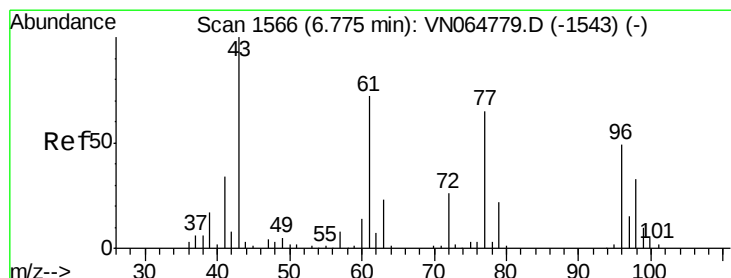
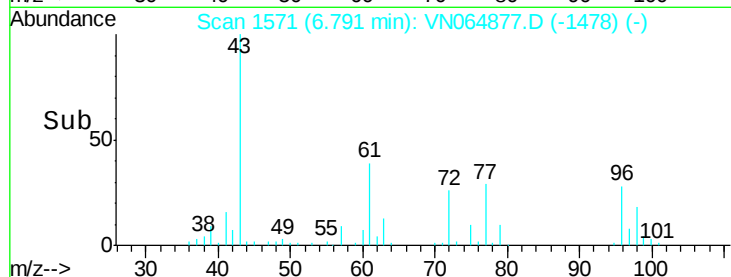
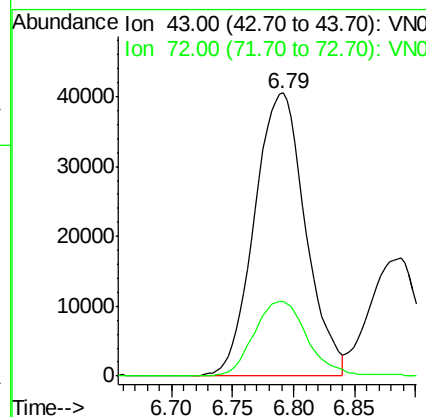
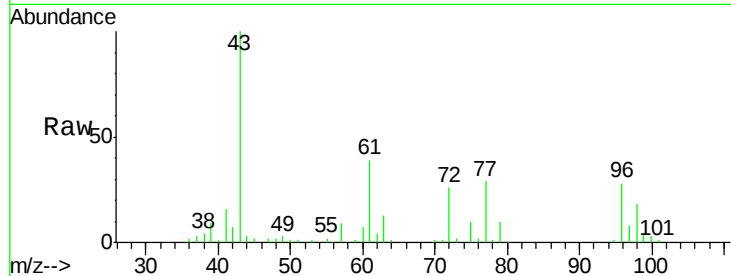
72 26.2 21.0 31.6

Manual Integrations

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MMDadoda

12/2/2020 12:43:25 PM



#26

2,2-Dichloropropane

Concen: 17.040 ug/l

RT: 6.77 min Scan# 1564

Delta R.T. -0.01 min

Lab File: VN064877.D

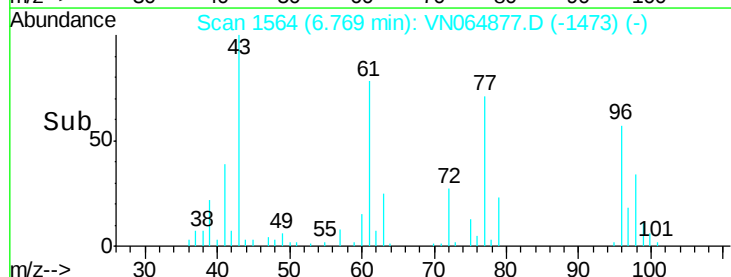
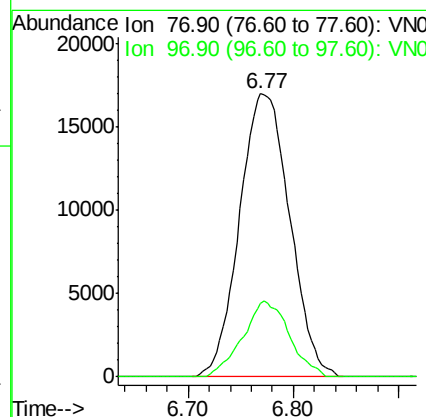
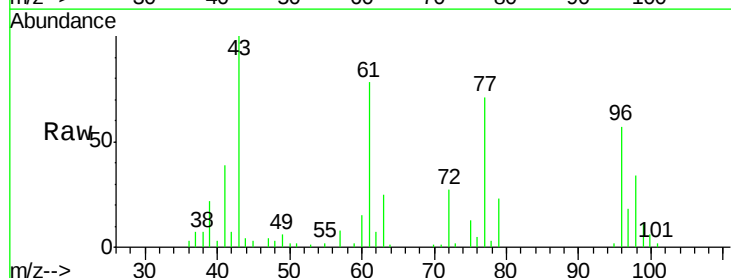
Acq: 1 Dec 2020 13:03

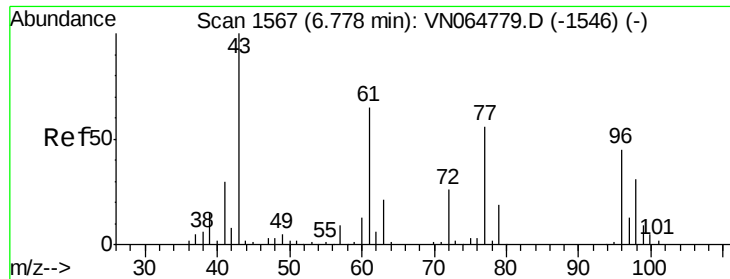
Tgt Ion: 77 Resp: 56199

Ion Ratio Lower Upper

77 100

97 24.9 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 18.151 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN064877.D

Acq: 1 Dec 2020 13:03

Instrument :

MSVOA_N

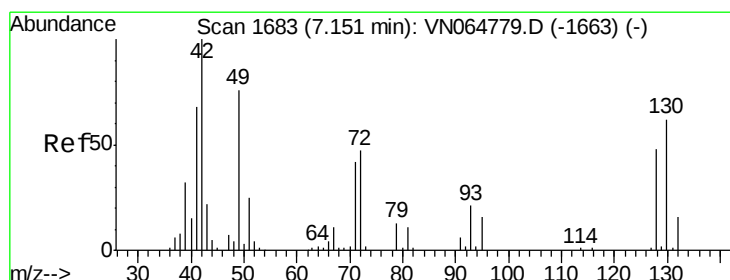
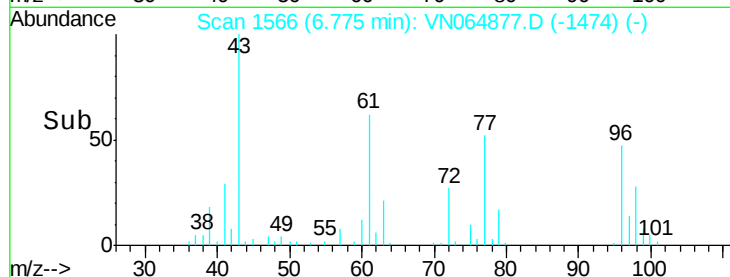
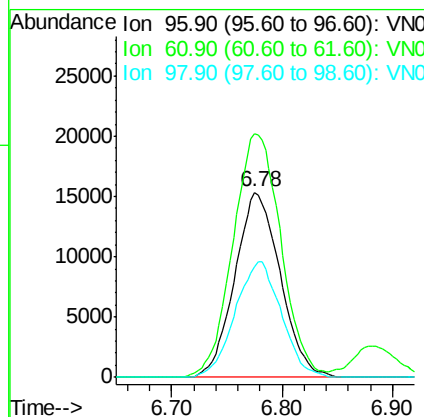
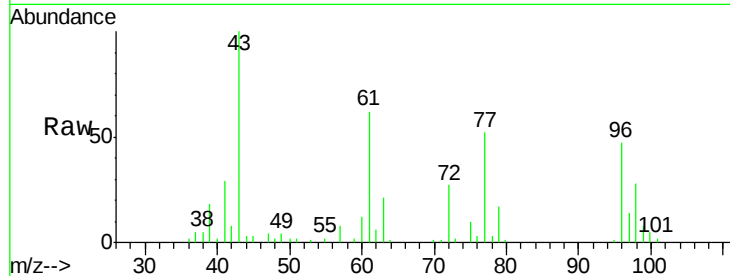
ClientSampleId :

VN1201WBSD01

Tot Ion:	96	Resp:	43716
Ion	Ratio	Lower	Upper
96	100		
61	139.3	0.0	285.8
98	63.4	0.0	130.6

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#28

Bromochloromethane

Concen: 17.901 ug/l

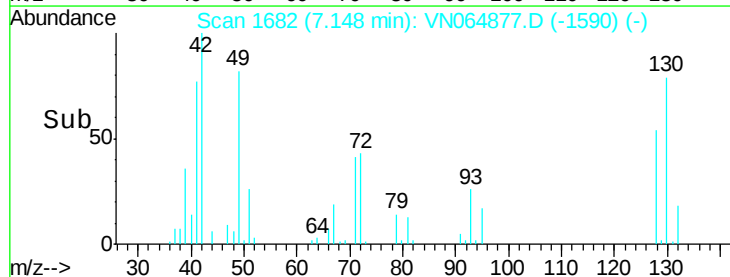
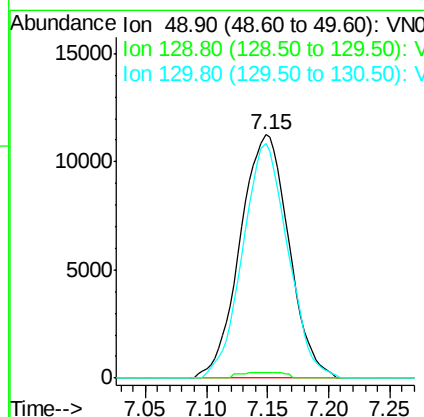
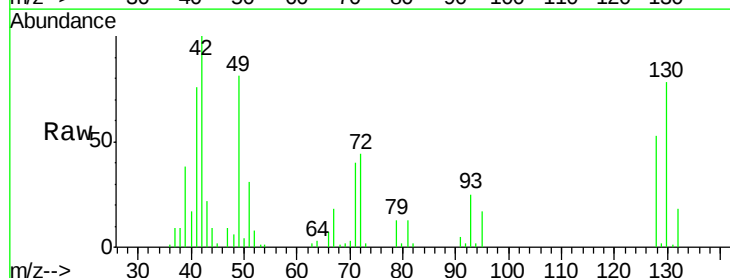
RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN064877.D

Acq: 1 Dec 2020 13:03

Tgt Ion:	49	Resp:	31142
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	89.4	66.2	99.2





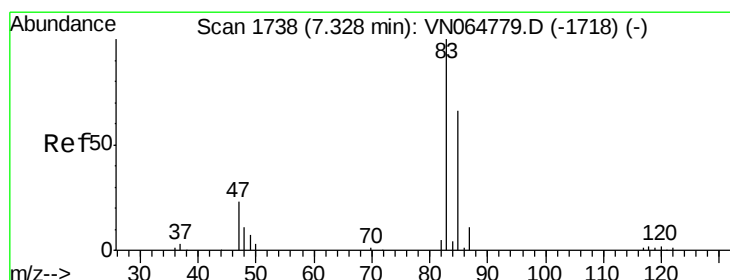
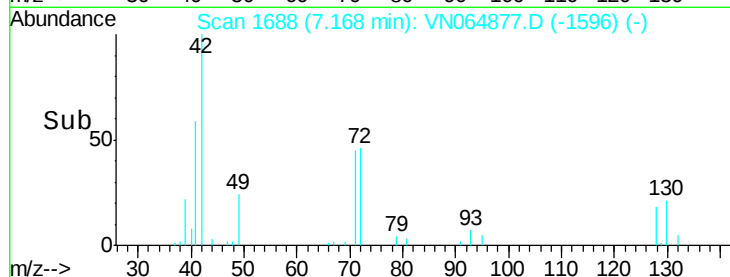
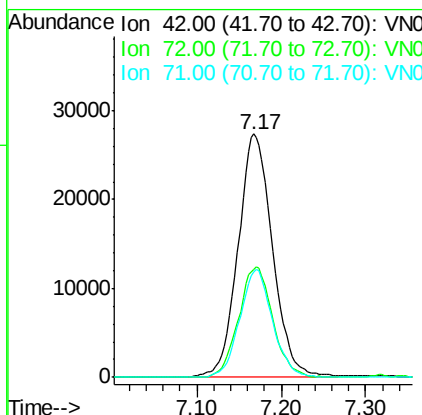
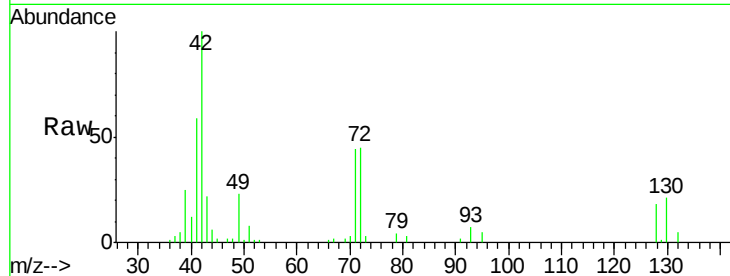
#29
Tetrahydrofuran
Concen: 91.898 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VN064877.D
Acq: 1 Dec 2020 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.5	36.6	54.8
71	41.9	33.6	50.4

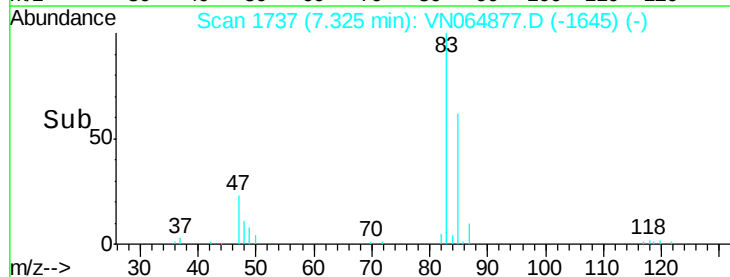
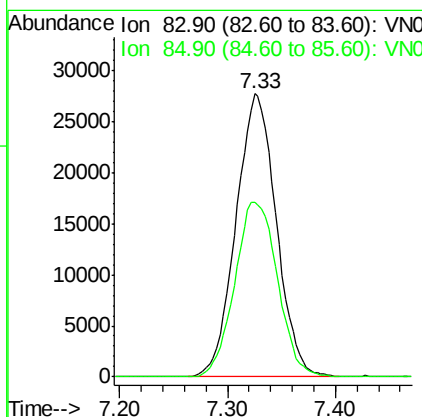
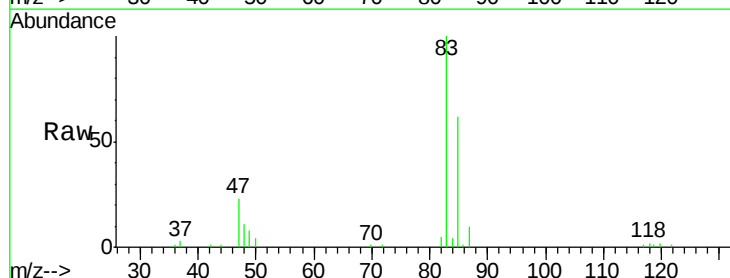
Manual Integrations
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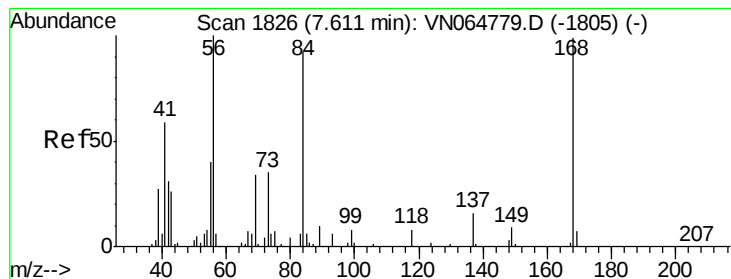
MMDadoda
12/2/2020 12:43:25 PM



#30
Chloroform
Concen: 18.385 ug/l
RT: 7.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN064877.D
Acq: 1 Dec 2020 13:03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.7	52.6	78.8





#31

Cvclohexane

Concen: 16.793 ug/l

RT: 7.61 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN064877.D

Acq: 1 Dec 2020 13:03

Instrument :

MSVOA_N

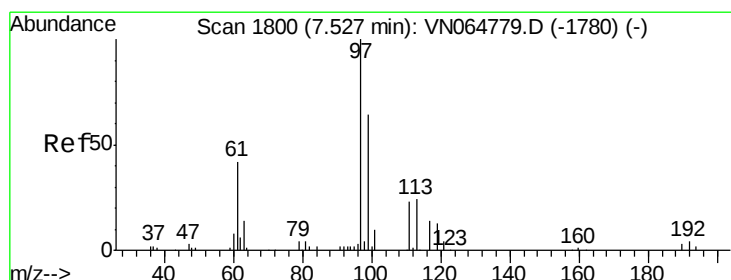
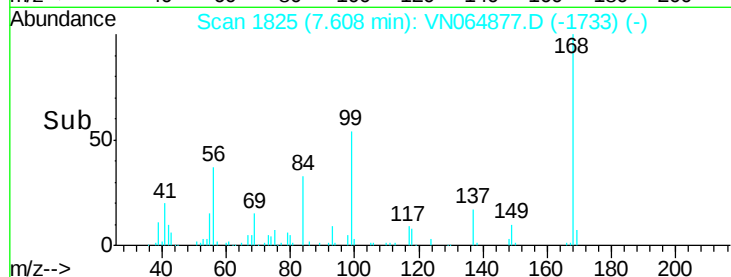
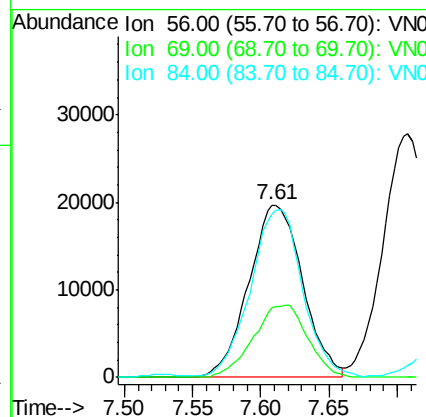
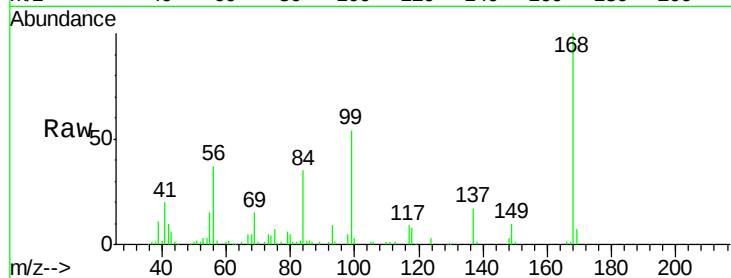
ClientSampled :

VN1201WBSD01

Tot Ion:	56	Resp:	54085
Ion Ratio	Lower	Upper	
56	100		
69	40.6	27.5	41.3
84	93.5	73.9	110.9

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 18.342 ug/l

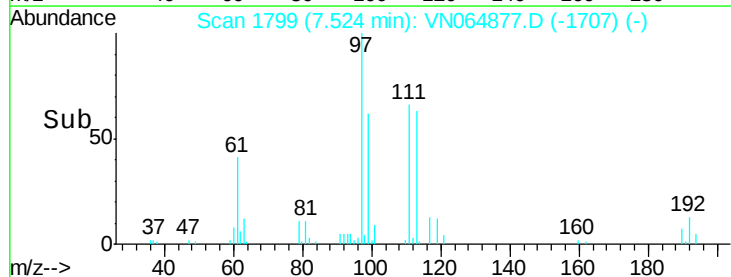
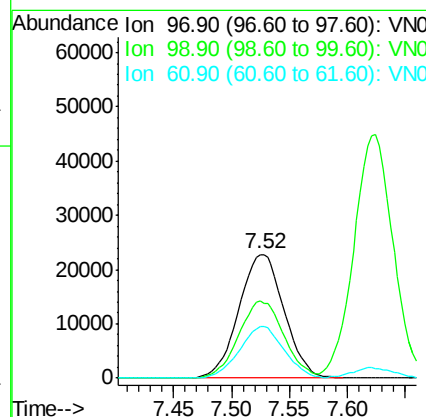
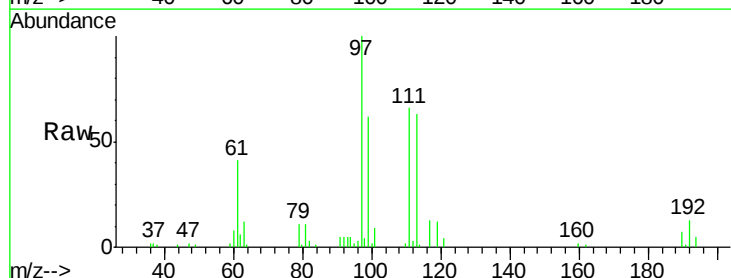
RT: 7.52 min Scan# 1799

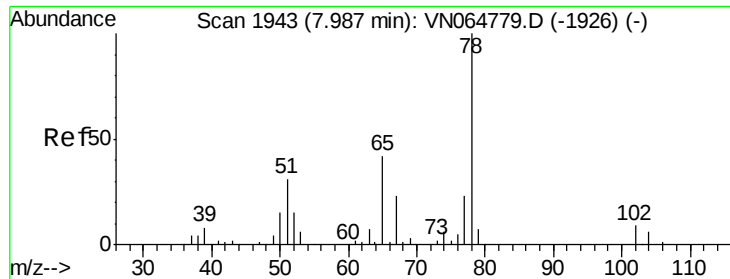
Delta R.T. -0.00 min

Lab File: VN064877.D

Acq: 1 Dec 2020 13:03

Tgt Ion:	97	Resp:	61776
Ion Ratio	Lower	Upper	
97	100		
99	62.4	51.7	77.5
61	41.4	33.9	50.9





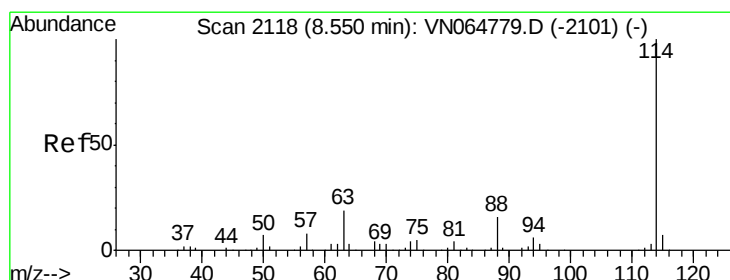
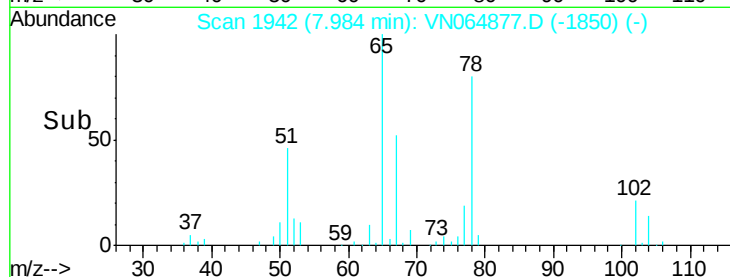
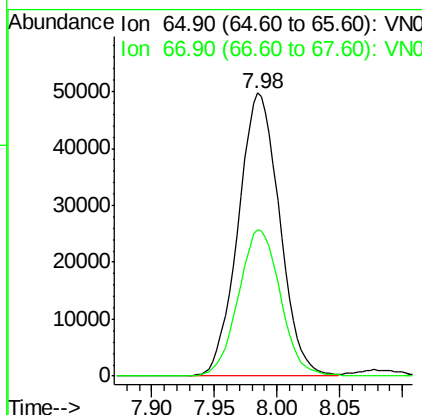
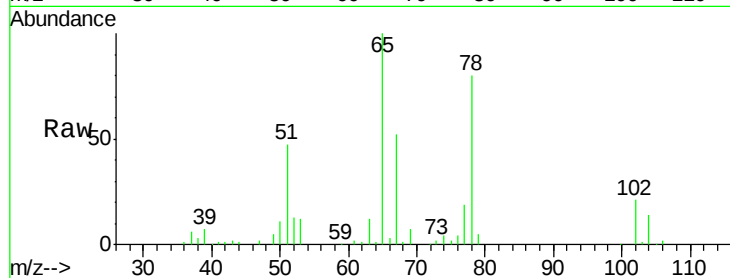
#33
 1,2-Dichloroethane-d4
 Concen: 49.344 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN064877.D
 Acq: 1 Dec 2020 13:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1201WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.5	0.0	108.2	

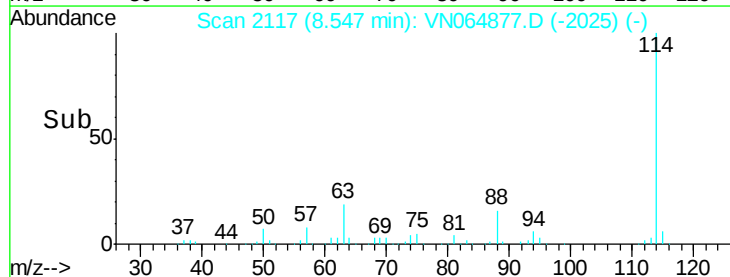
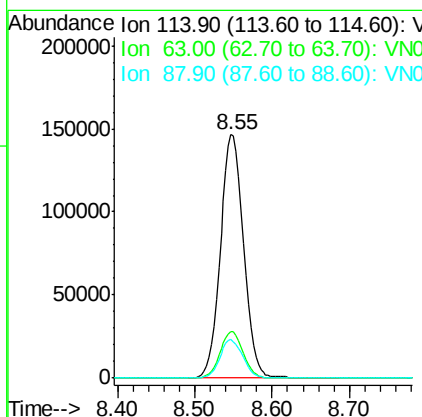
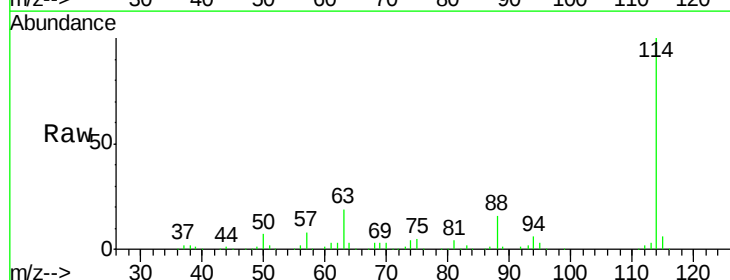
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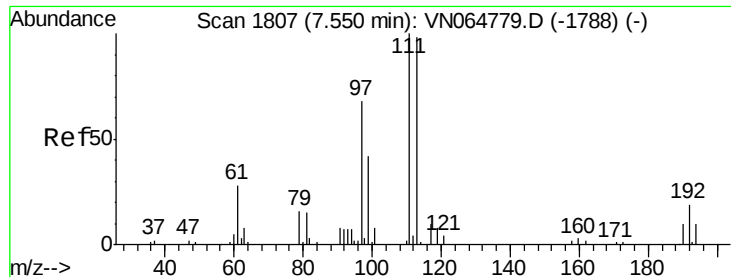
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064877.D
 Acq: 1 Dec 2020 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.3	0.0	38.6	
88	15.7	0.0	32.6	





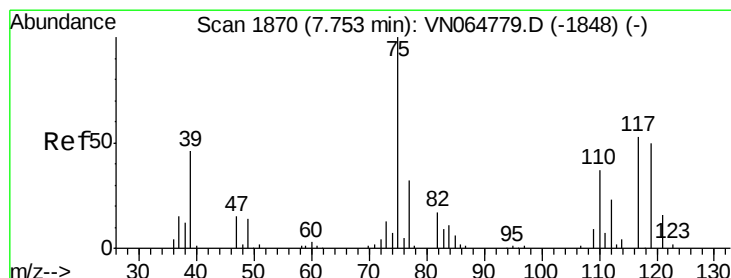
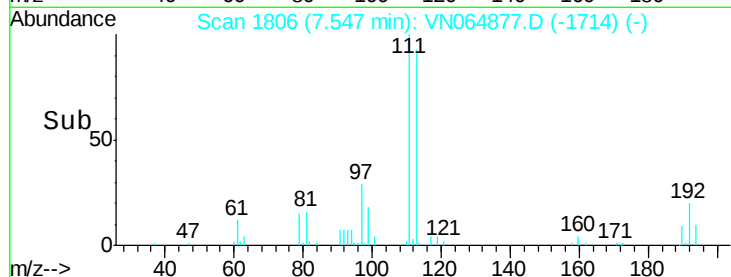
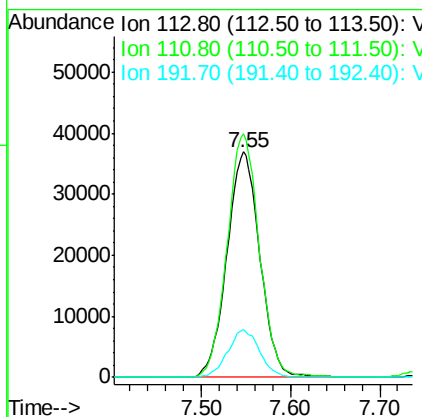
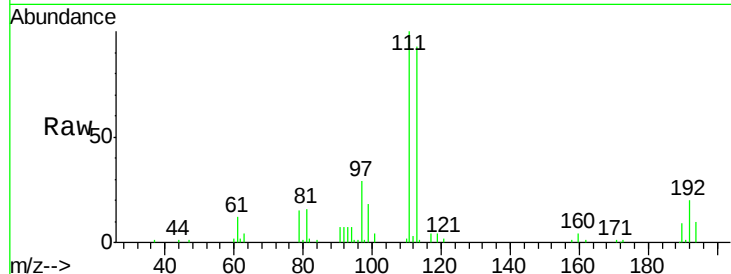
#35
Dibromofluoromethane
Concen: 51.642 ug/l
RT: 7.55 min Scan# 1806
Delta R.T. -0.00 min
Lab File: VN064877.D
Acq: 1 Dec 2020 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	105.1	81.6	122.4
192	20.3	16.2	24.2

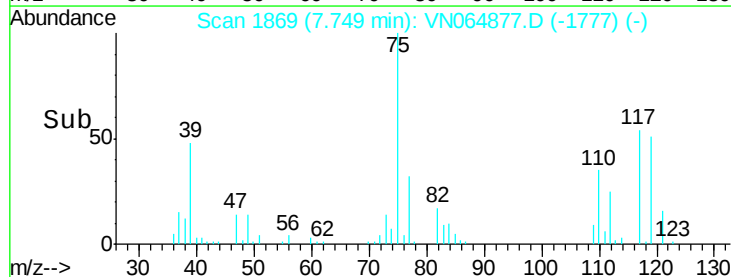
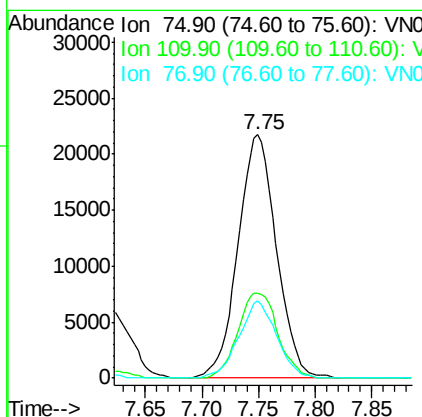
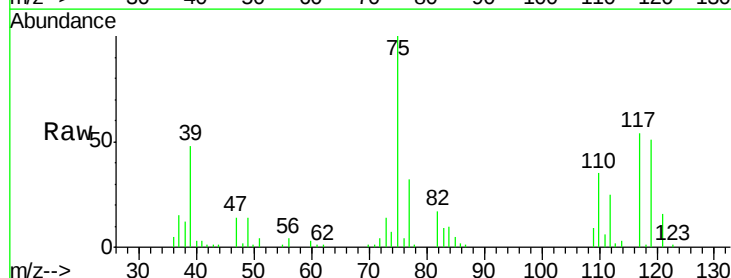
Manual Integrations
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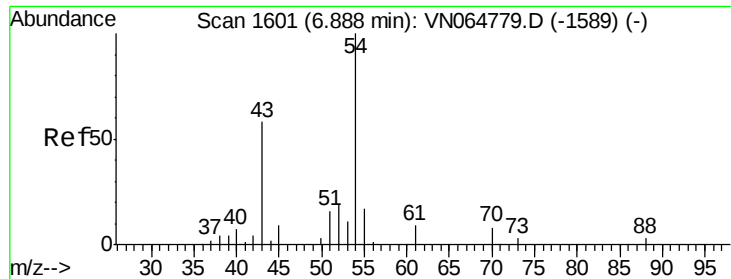
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#36
1,1-Dichloropropene
Concen: 18.180 ug/l
RT: 7.75 min Scan# 1869
Delta R.T. -0.00 min
Lab File: VN064877.D
Acq: 1 Dec 2020 13:03

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.0	17.8	53.3
77	31.1	25.0	37.4





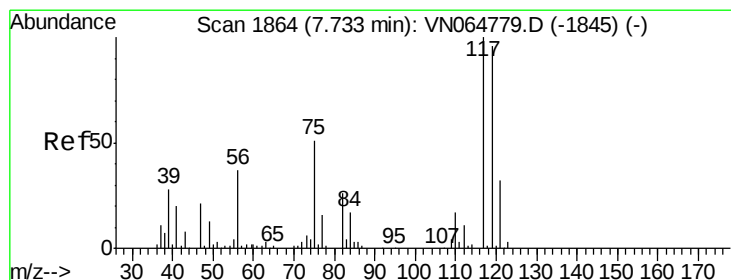
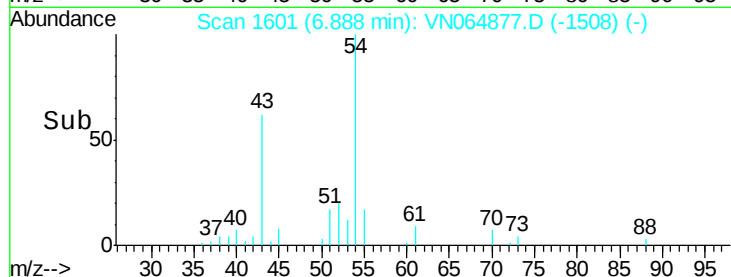
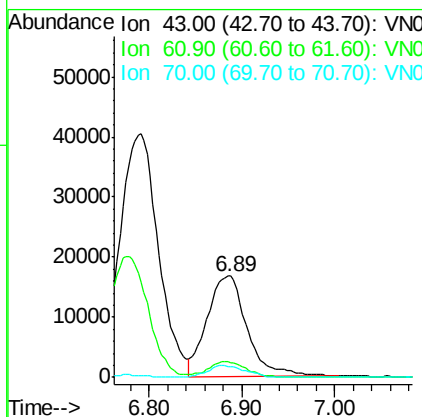
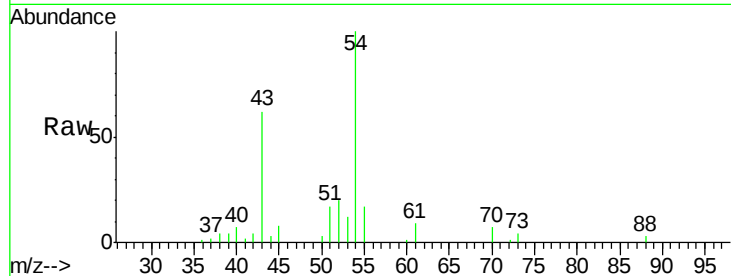
#37
Ethyl Acetate
Concen: 18.263 ug/l
RT: 6.89 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VN064877.D
Acq: 1 Dec 2020 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	12.8	19.2
70	11.0	8.8	13.2

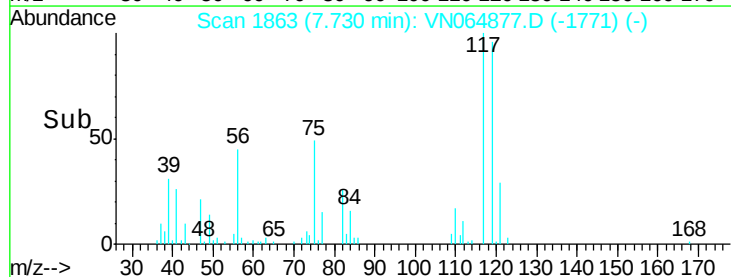
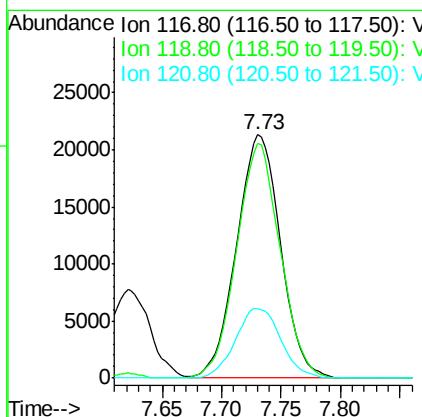
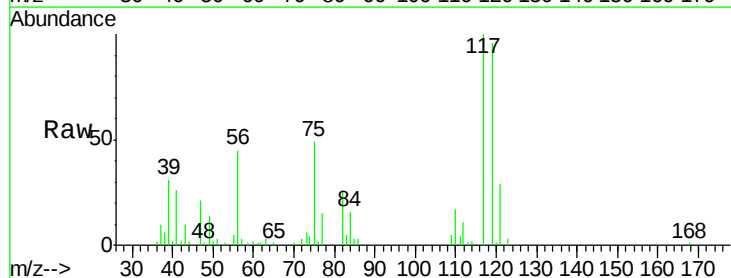
Manual Integrations
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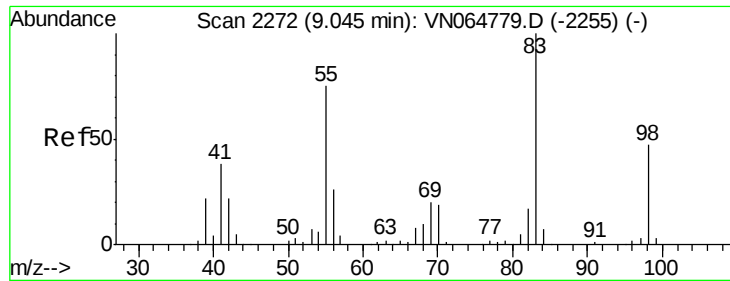
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#38
Carbon Tetrachloride
Concen: 18.535 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN064877.D
Acq: 1 Dec 2020 13:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.7	115.1
121	28.5	25.4	38.2





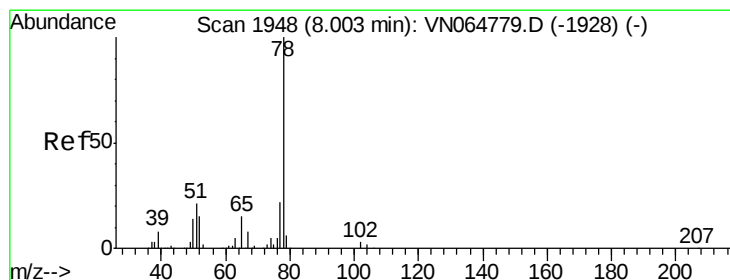
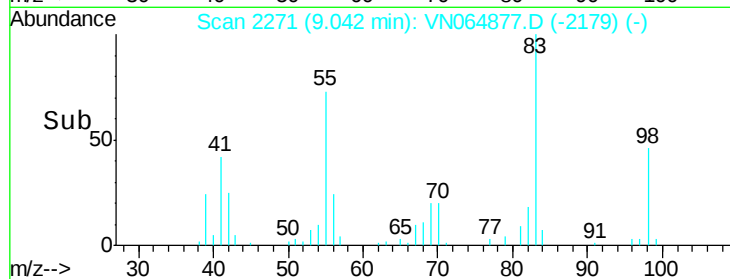
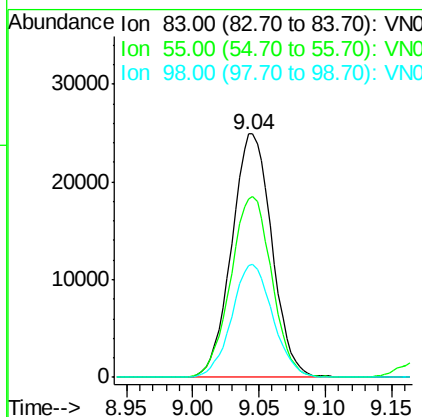
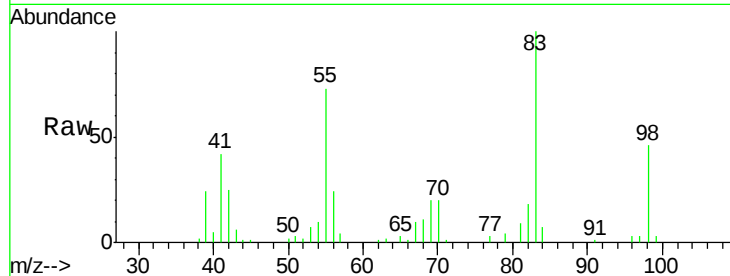
#39
Methvlcvclohexane
Concen: 17.270 ug/l
RT: 9.04 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VN064877.D
Acq: 1 Dec 2020 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.5	60.2	90.2
98	45.7	37.4	56.2

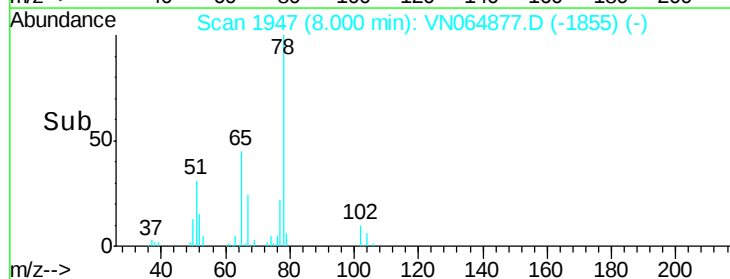
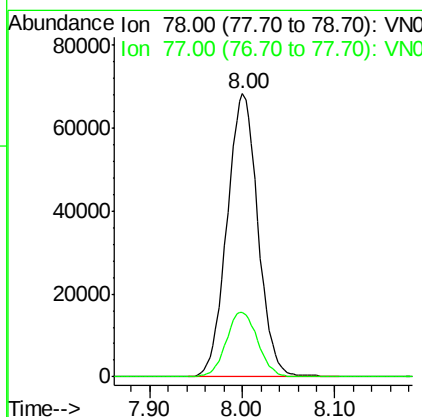
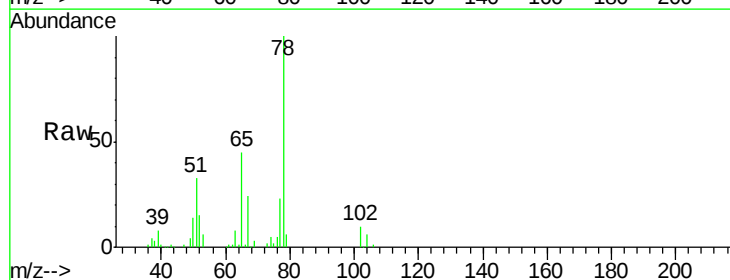
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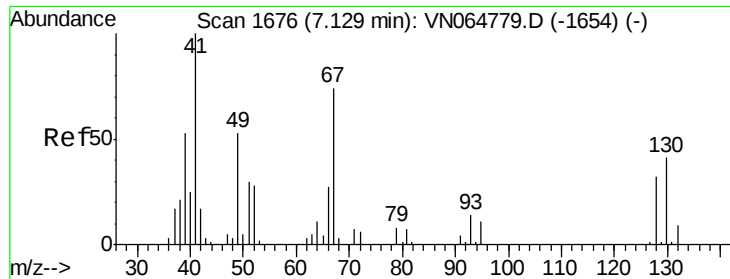
MMDadoda
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#40
Benzene
Concen: 18.193 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064877.D
Acq: 1 Dec 2020 13:03

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.6	17.9	26.9





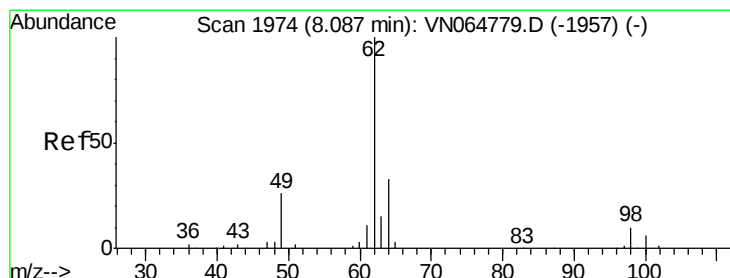
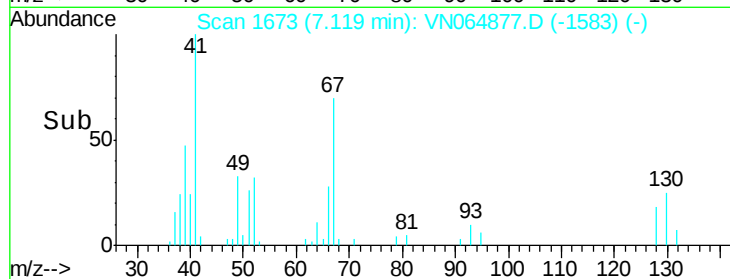
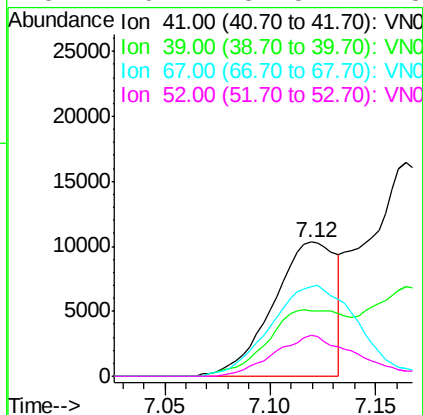
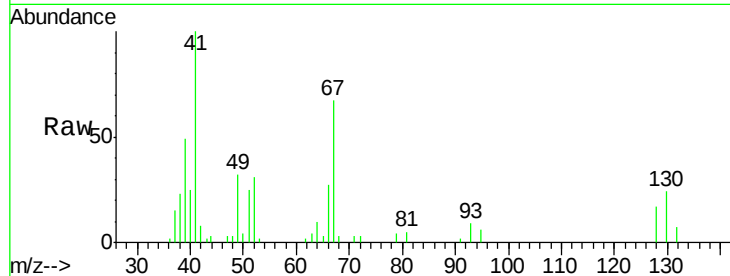
#41
Methacrylonitrile
Concen: 17.025 ug/l
RT: 7.12 min Scan# 1673
Delta R.T. -0.01 min
Lab File: VN064877.D
Acq: 1 Dec 2020 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01

Tot Ion:	41	Resp:	21402
Ion	Ratio	Lower	Upper
41	100		
39	62.0	51.0	76.6
67	94.4	79.8	119.8
52	40.2	31.5	47.3

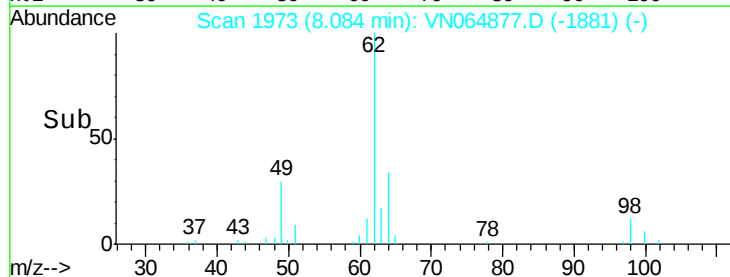
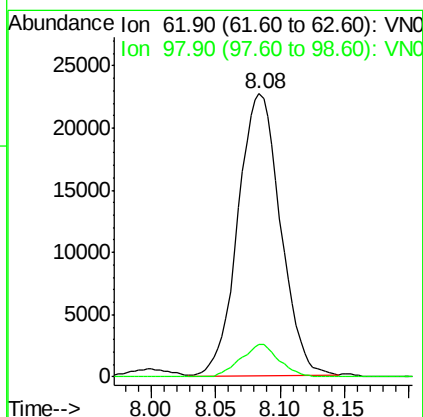
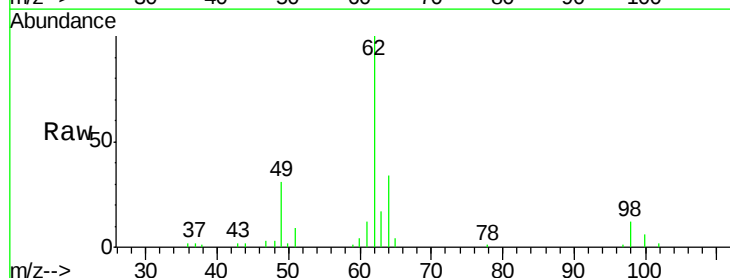
Manual Integrations
APPROVED

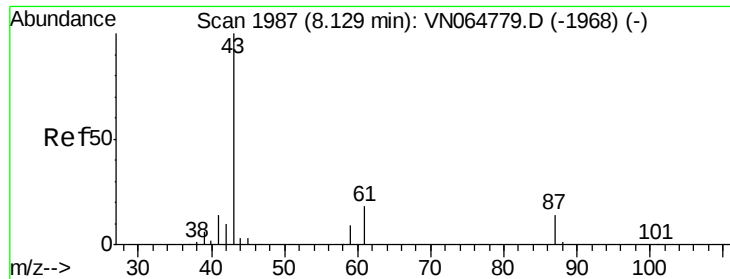
MMDadoda
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#42
1,2-Dichloroethane
Concen: 17.798 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064877.D
Acq: 1 Dec 2020 13:03

Tgt Ion:	62	Resp:	52037
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	19.6





#43

Isopropyl Acetate

Concen: 18.151 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064877.D

Acq: 1 Dec 2020 13:03

Instrument :

MSVOA_N

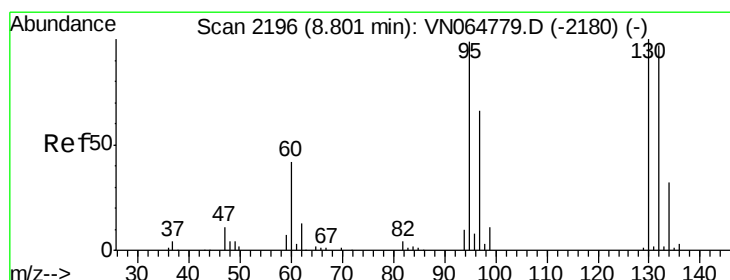
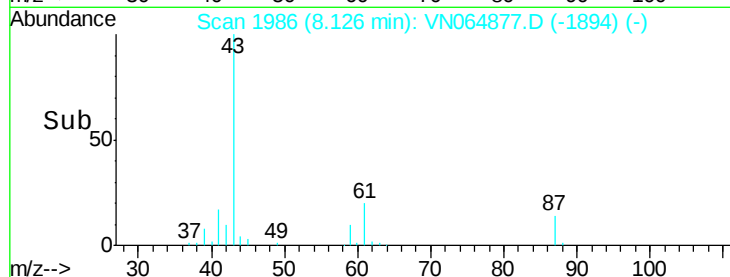
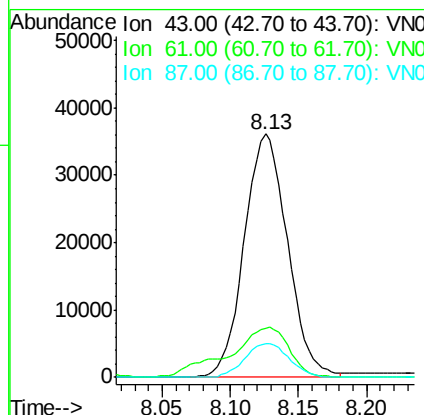
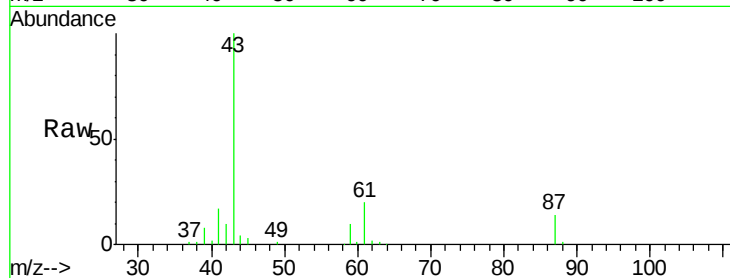
ClientSampleId :

VN1201WBSD01

Tot Ion:	43	Resp:	79573
Ion	Ratio	Lower	Upper
43	100		
61	28.8	17.2	25.8#
87	14.1	11.4	17.0

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#44

Trichloroethene

Concen: 17.973 ug/l

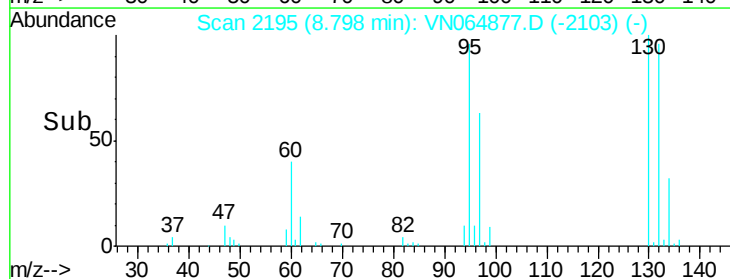
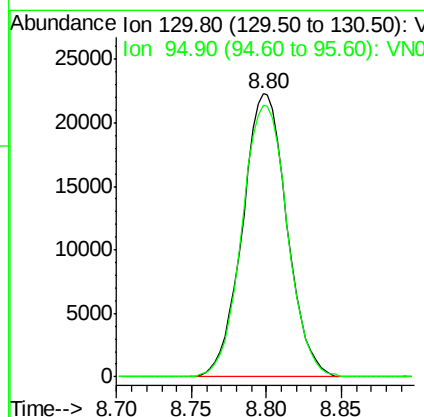
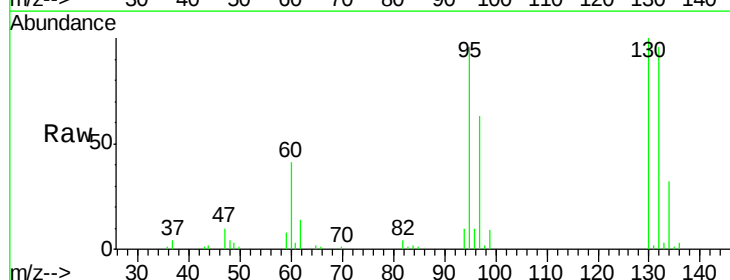
RT: 8.80 min Scan# 2195

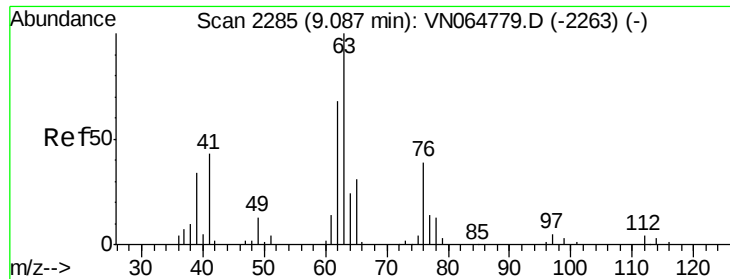
Delta R.T. -0.00 min

Lab File: VN064877.D

Acq: 1 Dec 2020 13:03

Tgt Ion:	130	Resp:	45962
Ion	Ratio	Lower	Upper
130	100		
95	96.0	0.0	197.8





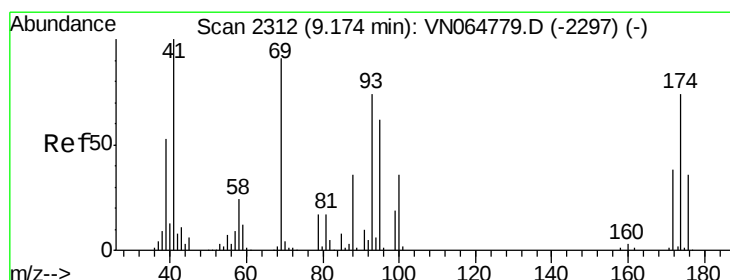
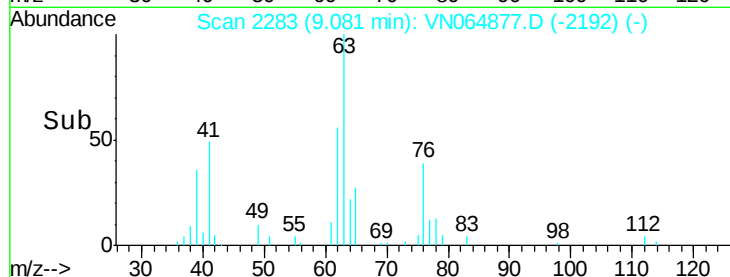
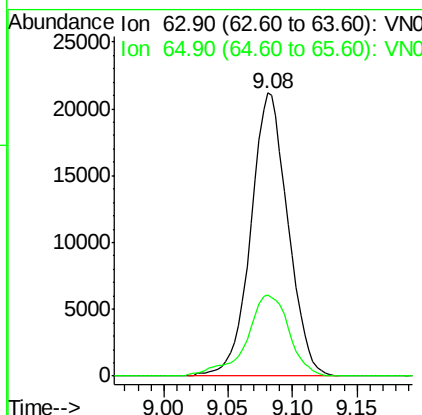
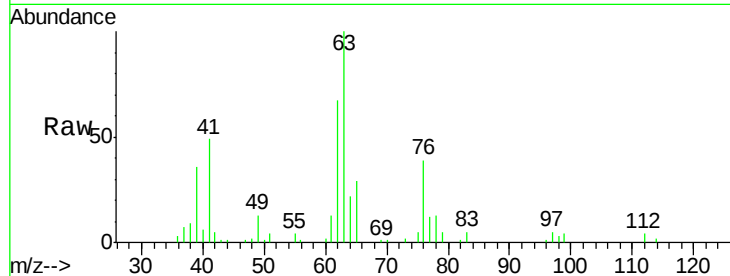
#45
 1,2-Dichloropropane
 Concen: 18.974 ug/l
 RT: 9.08 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: VN064877.D
 Acq: 1 Dec 2020 13:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1201WBSD01

Tot Ion: 63 Resp: 42586
 Ion Ratio Lower Upper
 63 100
 65 28.5 25.0 37.4

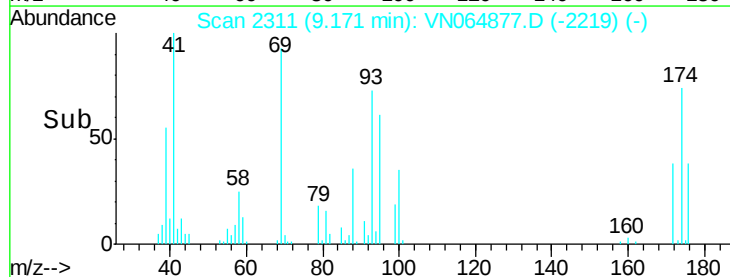
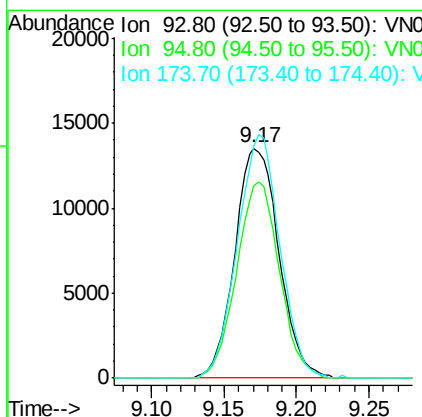
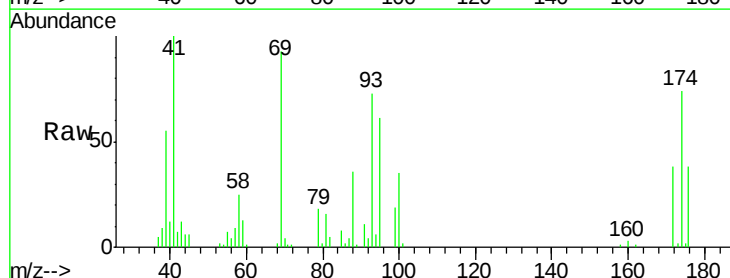
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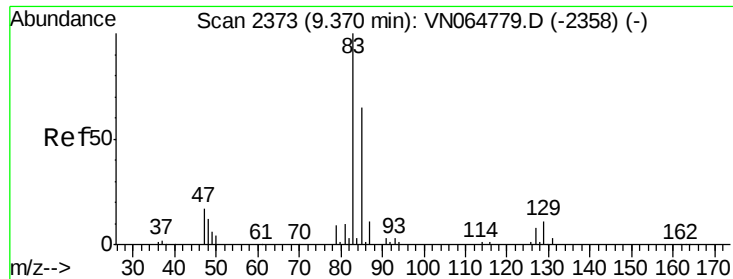
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 12/2/2020 12:43:25 PM



#46
 Dibromomethane
 Concen: 19.110 ug/l
 RT: 9.17 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VN064877.D
 Acq: 1 Dec 2020 13:03

Tgt Ion: 93 Resp: 28654
 Ion Ratio Lower Upper
 93 100
 95 82.6 68.8 103.2
 174 101.9 83.1 124.7





#47

Bromodichloromethane

Concen: 18.944 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064877.D

Acq: 1 Dec 2020 13:03

Instrument :

MSVOA_N

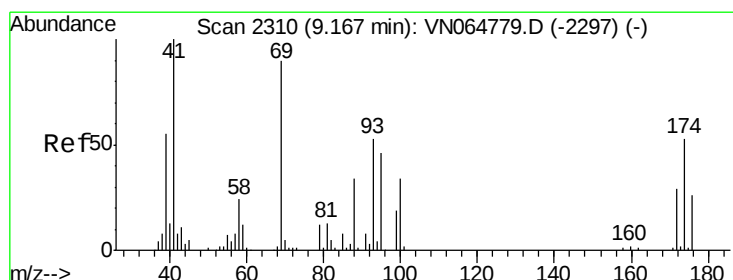
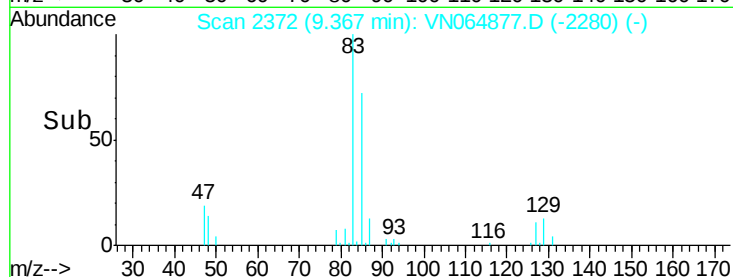
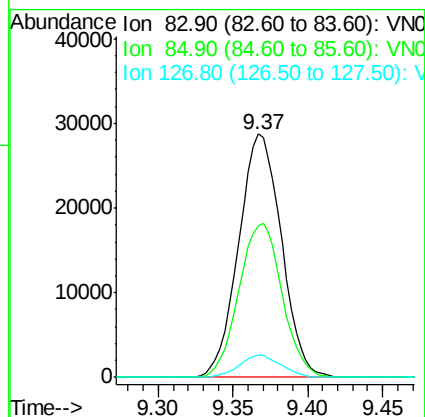
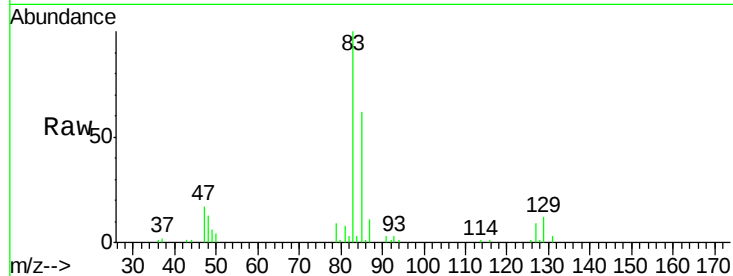
ClientSampleId :

VN1201WBSD01

Tot Ion:	83	Resp:	57156
Ion	Ratio	Lower	Upper
83	100		
85	62.3	51.8	77.8
127	9.2	6.8	10.2

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#48

Methyl methacrylate

Concen: 18.796 ug/l

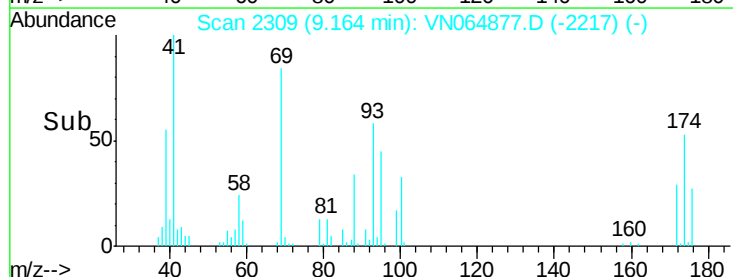
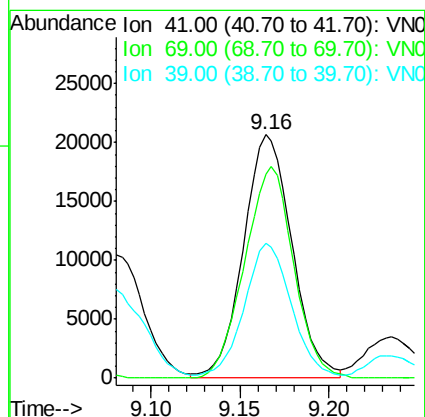
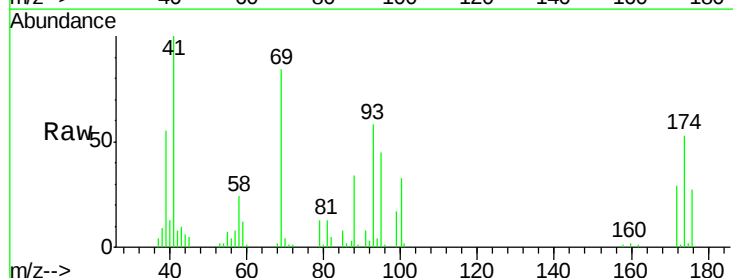
RT: 9.16 min Scan# 2309

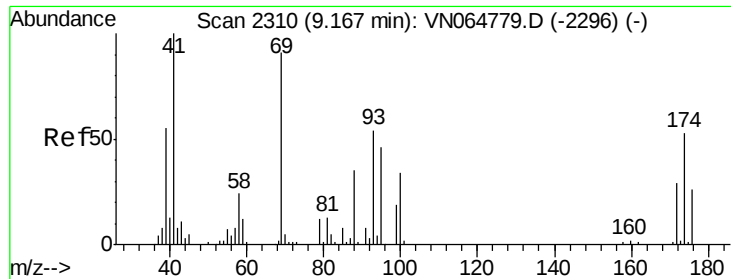
Delta R.T. -0.00 min

Lab File: VN064877.D

Acq: 1 Dec 2020 13:03

Tgt Ion:	41	Resp:	39374
Ion	Ratio	Lower	Upper
41	100		
69	87.3	71.8	107.8
39	54.1	44.1	66.1





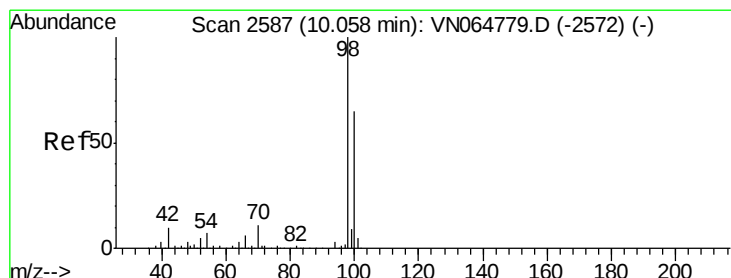
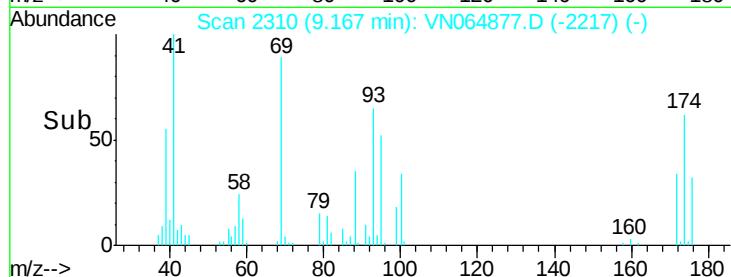
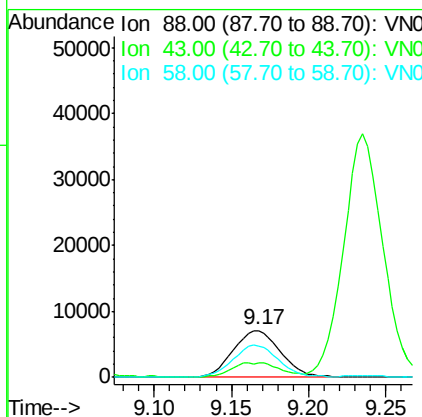
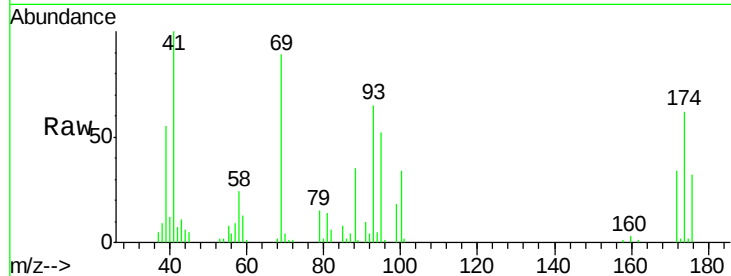
#49
1,4-Dioxane
Concen: 379.897 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064877.D
Acq: 1 Dec 2020 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01

Tot Ion	88	Resp	15041
Ion	Ratio	Lower	Upper
88	100		
43	32.9	24.2	36.4
58	66.8	52.5	78.7

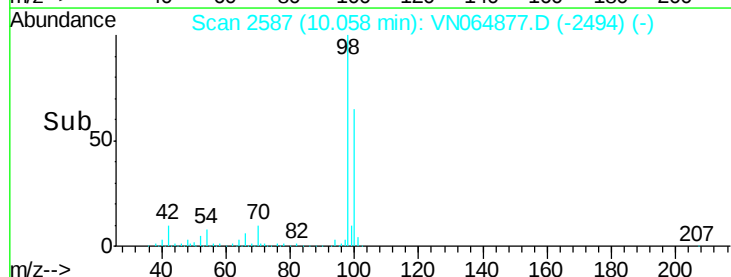
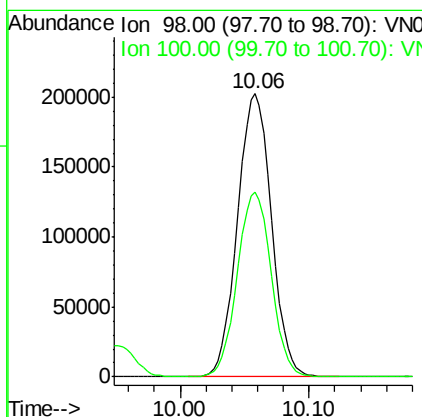
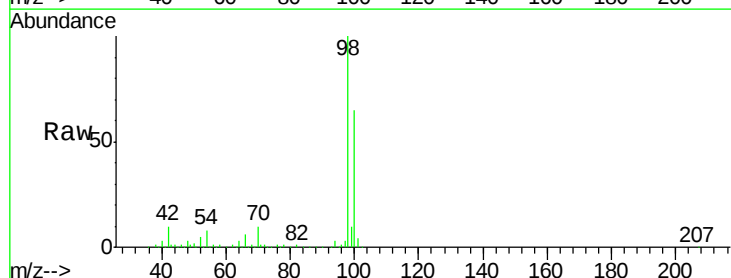
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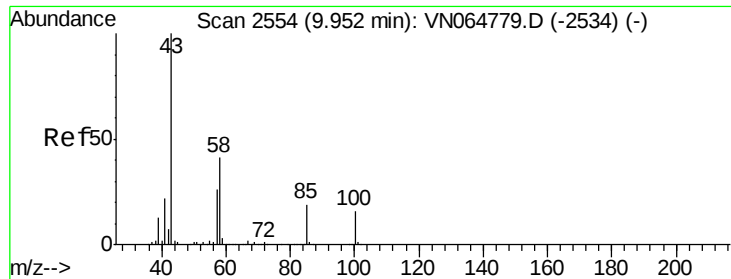
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#50
Toluene-d8
Concen: 49.848 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064877.D
Acq: 1 Dec 2020 13:03

Tgt Ion	98	Resp	371877
Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.7	77.5





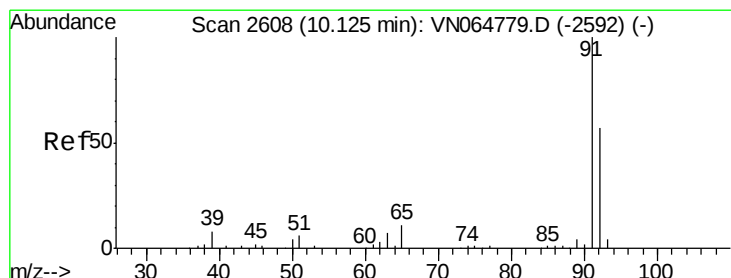
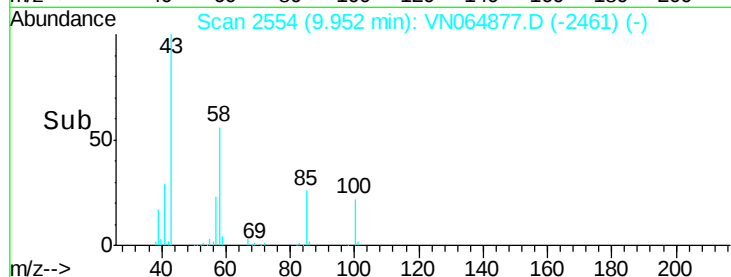
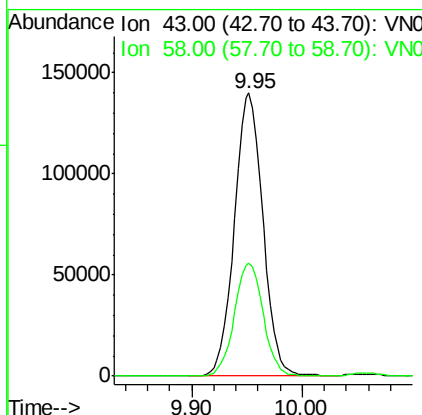
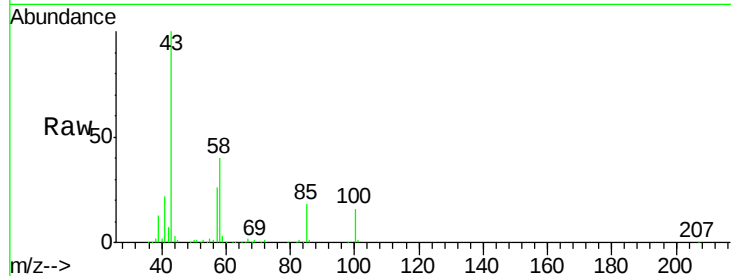
#51
4-Methyl-2-Pentanone
Concen: 95.330 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN064877.D
Acq: 1 Dec 2020 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01

Tot Ion: 43 Resp: 250897
Ion Ratio Lower Upper
43 100
58 40.3 32.4 48.6

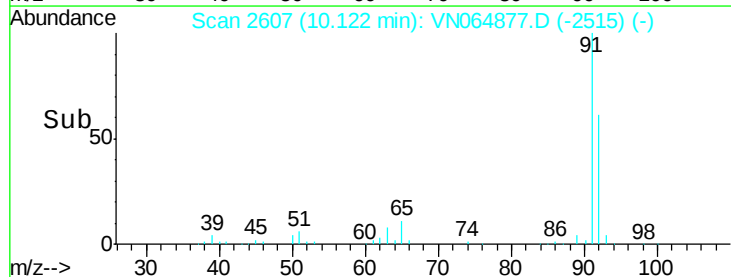
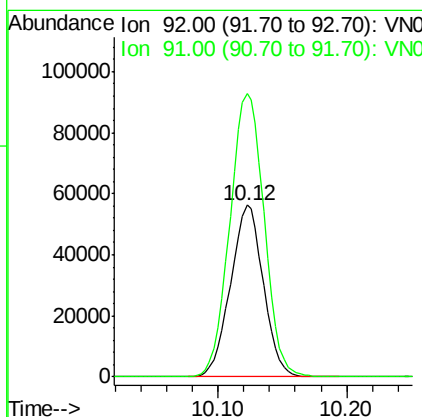
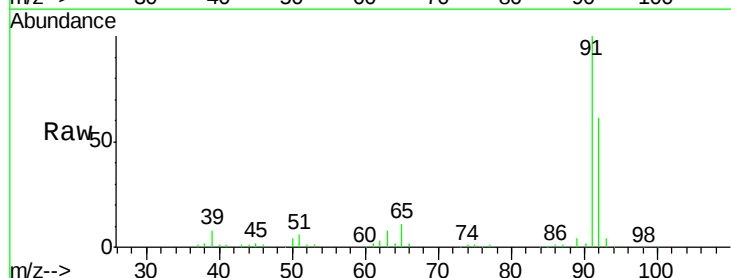
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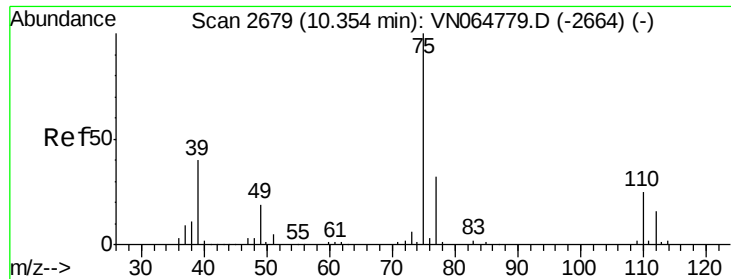
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#52
Toluene
Concen: 18.576 ug/l
RT: 10.12 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN064877.D
Acq: 1 Dec 2020 13:03

Tgt Ion: 92 Resp: 99150
Ion Ratio Lower Upper
92 100
91 172.8 139.1 208.7





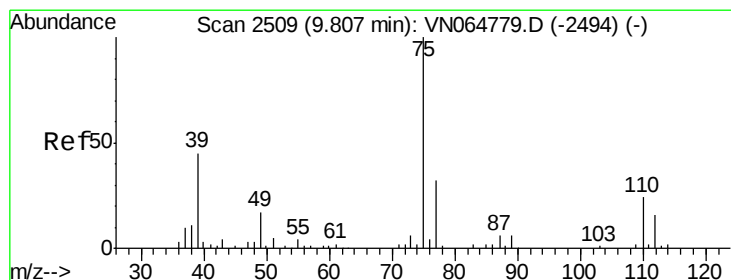
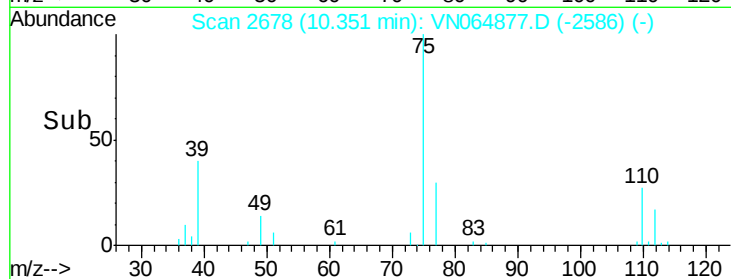
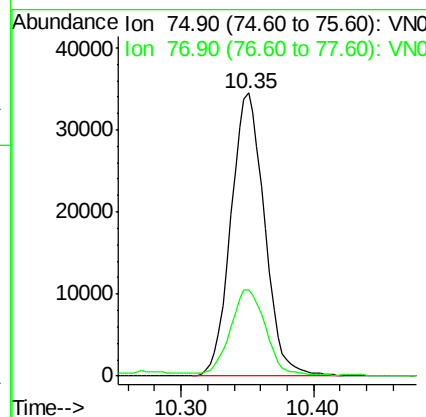
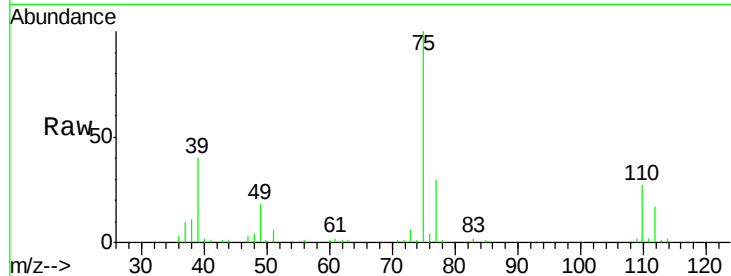
#53
t-1,3-Dichloropropene
Concen: 18.033 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN064877.D
Acq: 1 Dec 2020 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01

Tot Ion: 75 Resp: 60597
Ion Ratio Lower Upper
75 100
77 29.9 25.8 38.6

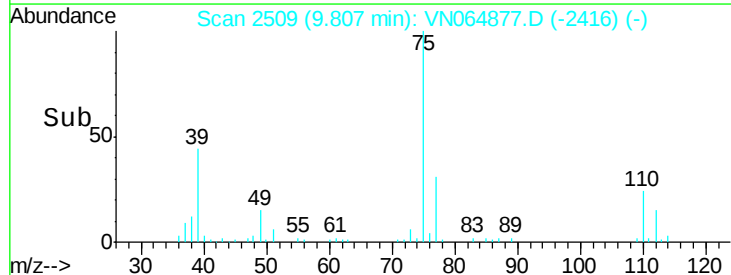
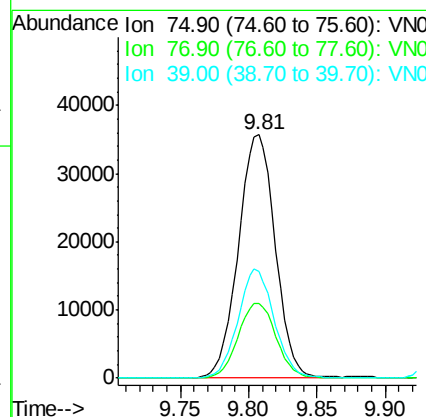
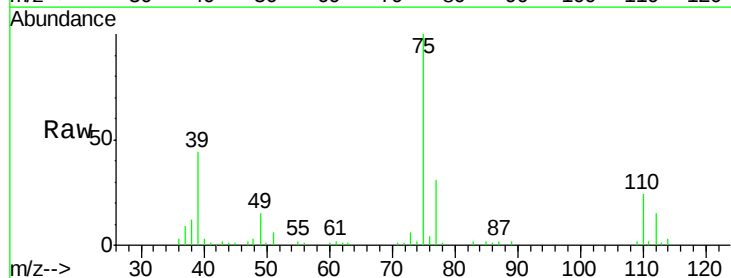
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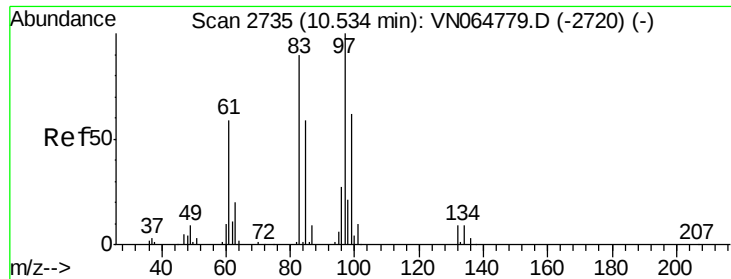
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#54
cis-1,3-Dichloropropene
Concen: 18.608 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN064877.D
Acq: 1 Dec 2020 13:03

Tgt Ion: 75 Resp: 67024
Ion Ratio Lower Upper
75 100
77 30.5 25.5 38.3
39 43.6 35.6 53.4





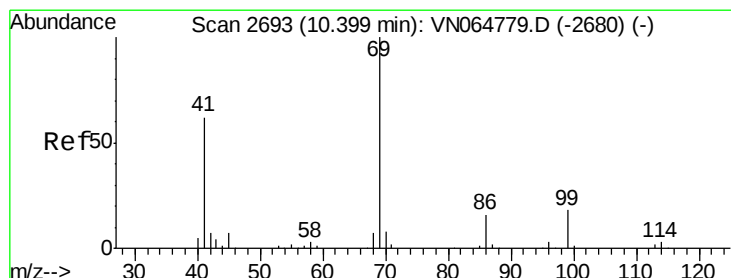
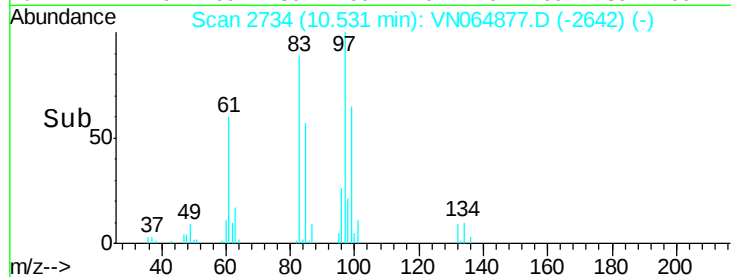
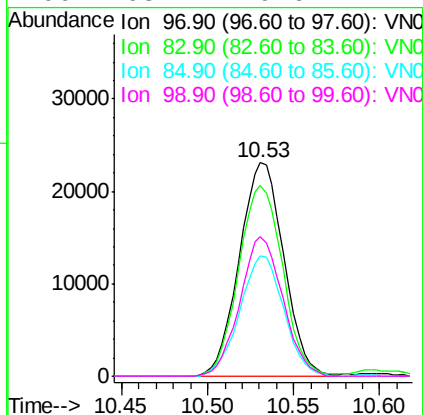
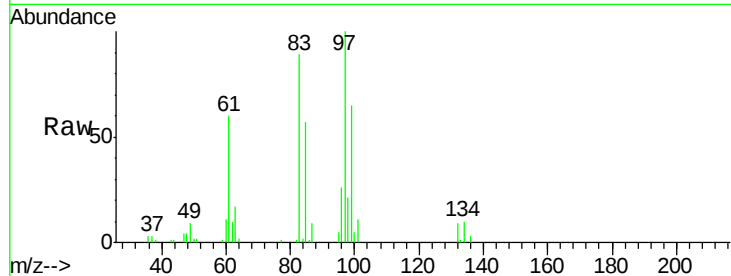
#55
 1,1,2-Trichloroethane
 Concen: 18.883 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064877.D
 Acq: 1 Dec 2020 13:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1201WBSD01

Tot Ion:	97	Resp:	41444
Ion	Ratio	Lower	Upper
97	100		
83	89.1	72.1	108.1
85	56.5	46.8	70.2
99	65.4	49.6	74.4

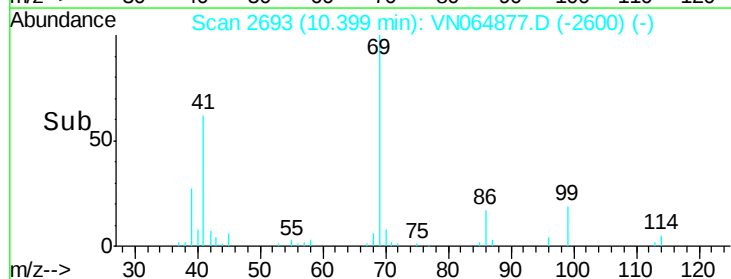
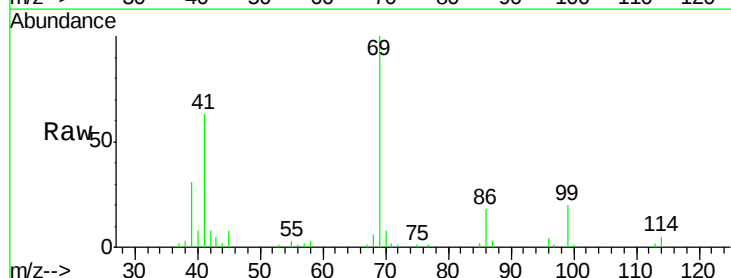
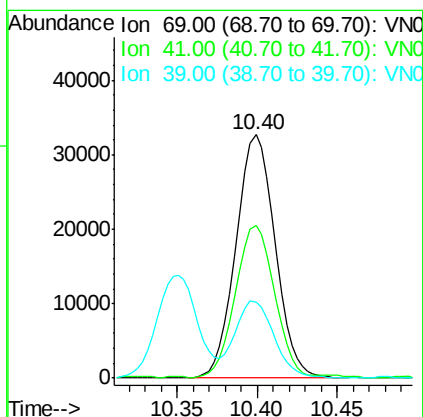
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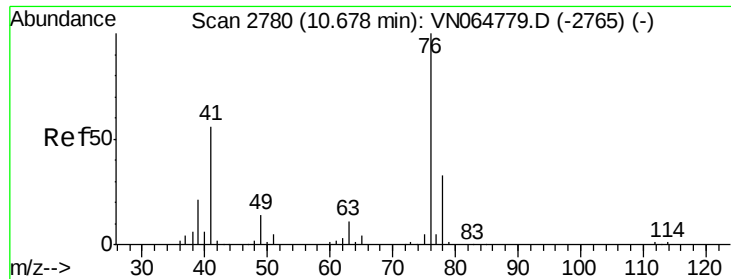
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#56
 Ethyl methacrylate
 Concen: 17.998 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064877.D
 Acq: 1 Dec 2020 13:03

Tgt Ion:	69	Resp:	54512
Ion	Ratio	Lower	Upper
69	100		
41	63.1	49.4	74.0
39	31.4	25.9	38.9





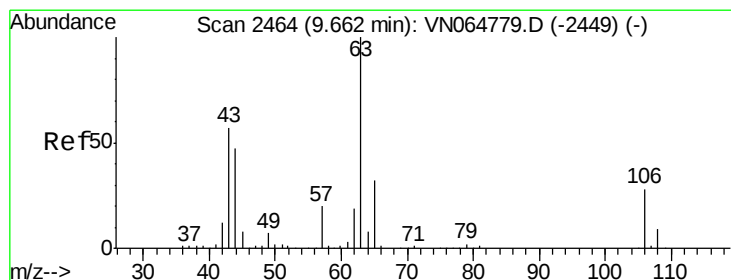
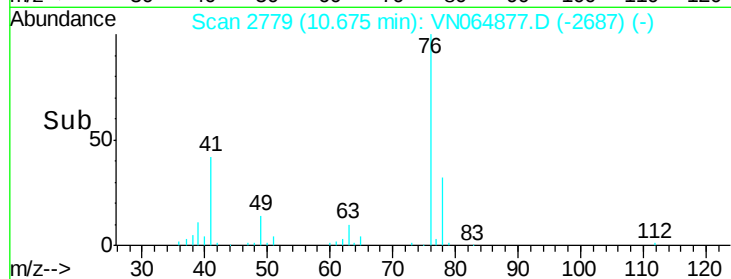
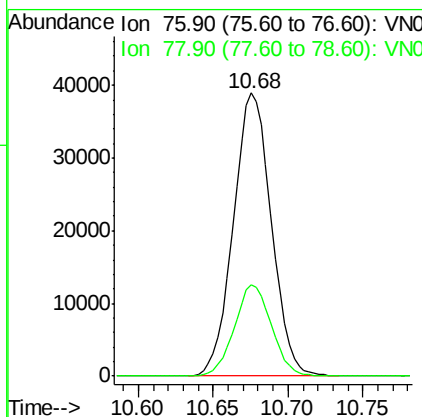
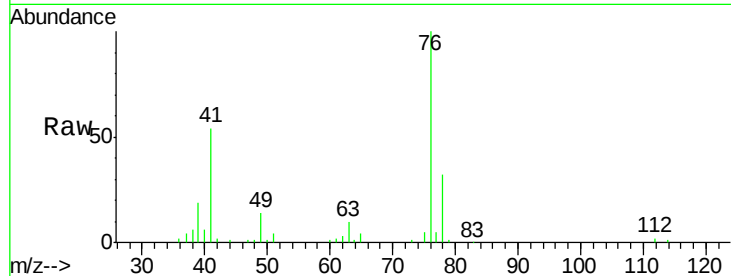
#57
 1,3-Dichloropropane
 Concen: 18.983 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN064877.D
 Acq: 1 Dec 2020 13:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1201WBSD01

Tot Ion: 76 Resp: 68729
 Ion Ratio Lower Upper
 76 100
 78 31.5 26.1 39.1

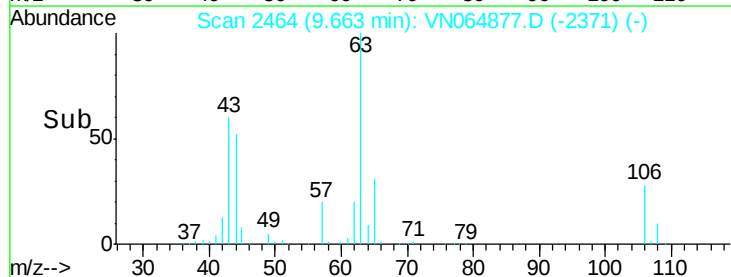
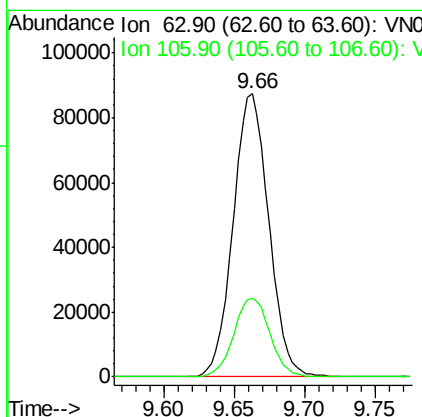
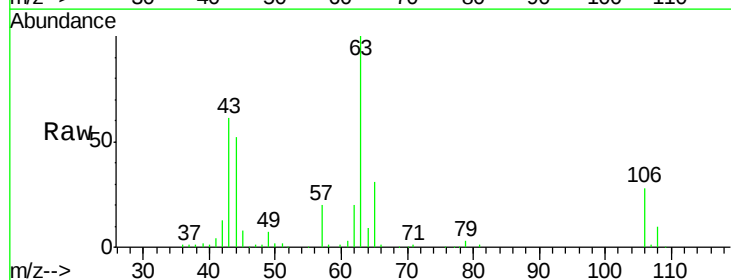
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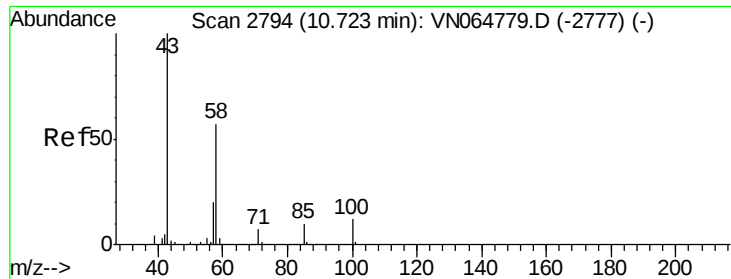
MMDadoda
 12/2/2020 12:43:25 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 92.945 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064877.D
 Acq: 1 Dec 2020 13:03

Tgt Ion: 63 Resp: 154850
 Ion Ratio Lower Upper
 63 100
 106 28.2 22.7 34.1





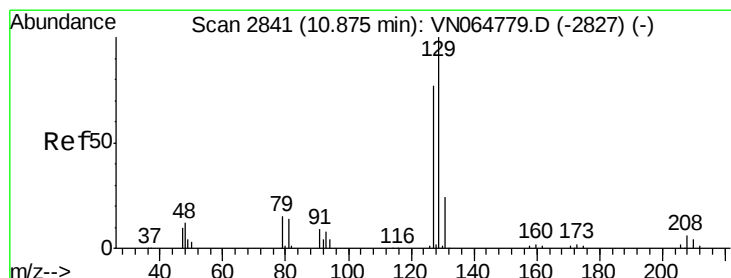
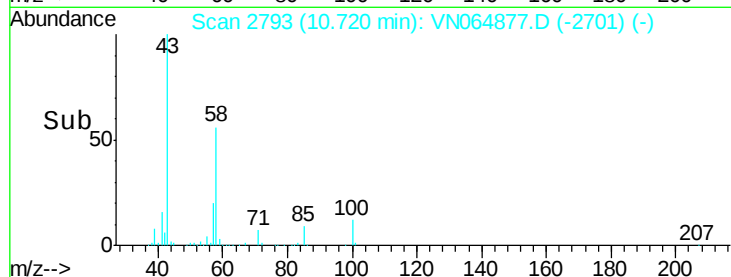
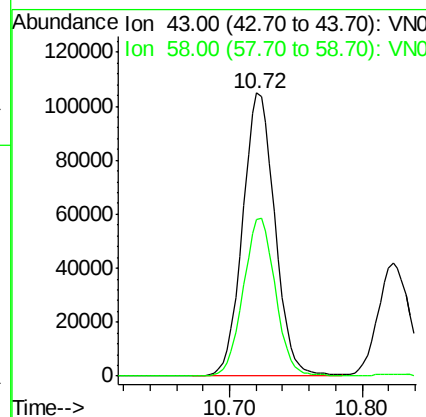
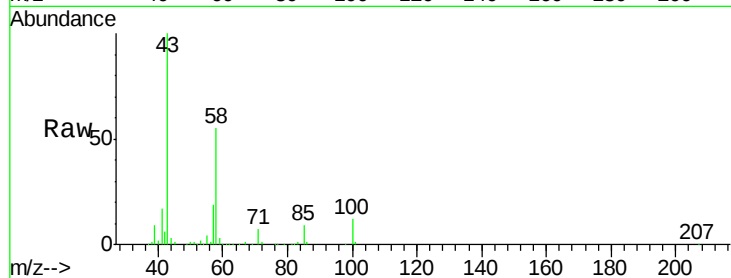
#59
2-Hexanone
Concen: 93.812 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064877.D
Acq: 1 Dec 2020 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01

Tot Ion: 43 Resp: 177692
Ion Ratio Lower Upper
43 100
58 55.4 28.3 84.9

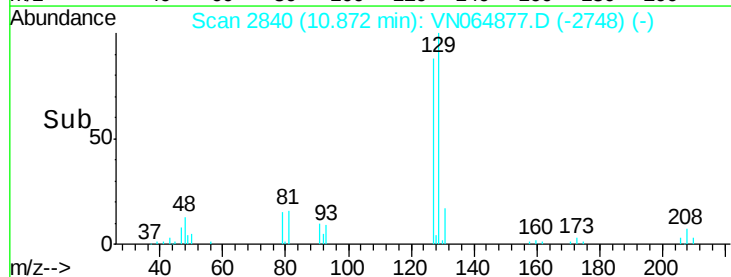
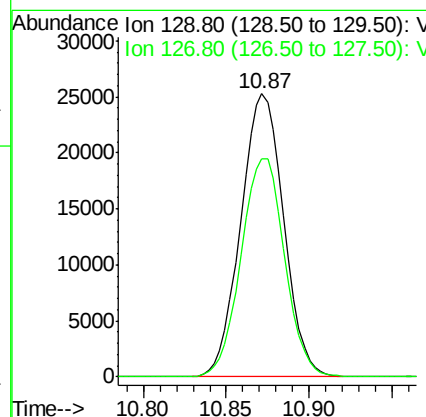
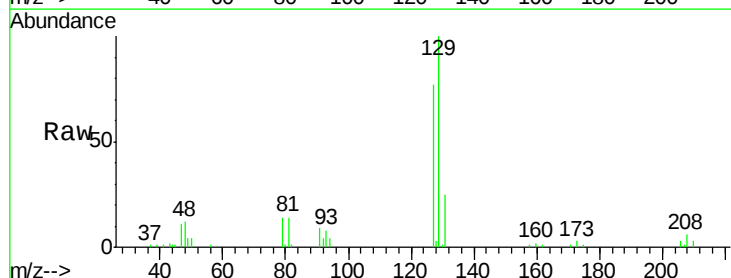
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#60
Dibromochloromethane
Concen: 18.692 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064877.D
Acq: 1 Dec 2020 13:03

Tgt Ion: 129 Resp: 45603
Ion Ratio Lower Upper
129 100
127 78.2 39.1 117.2





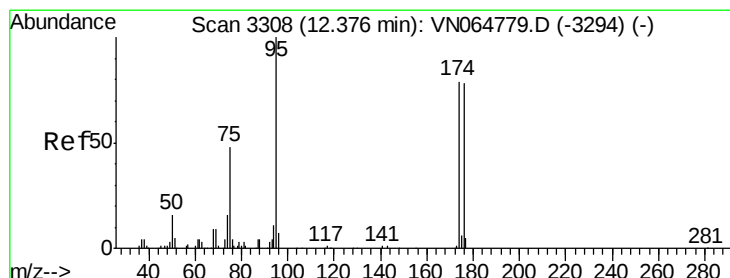
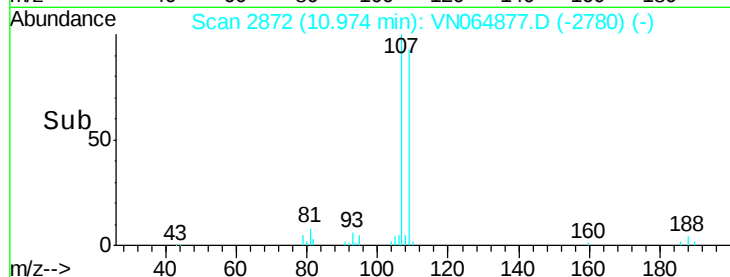
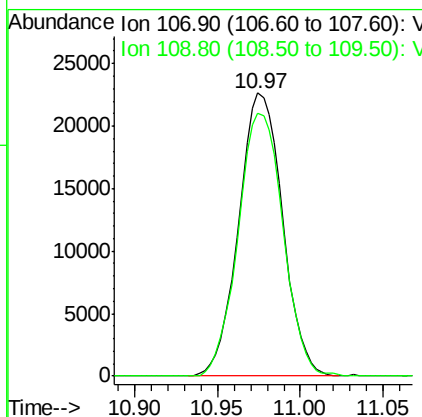
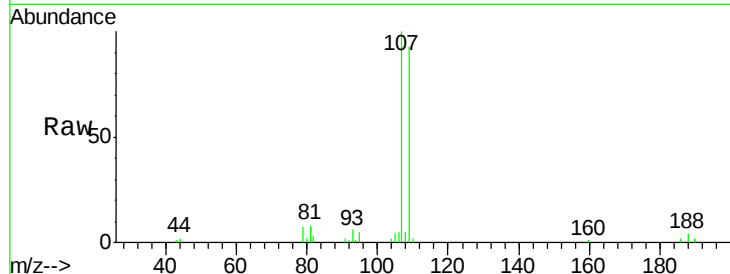
#61
 1,2-Dibromoethane
 Concen: 18.677 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN064877.D
 Acq: 1 Dec 2020 13:03

Instrument :
 MSVOA_N
 ClientSampleID :
 VN1201WBSD01

Tot Ion: 107 Resp: 41647
 Ion Ratio Lower Upper
 107 100
 109 95.3 76.0 114.0

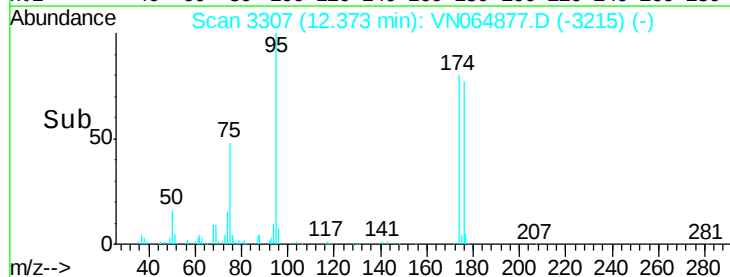
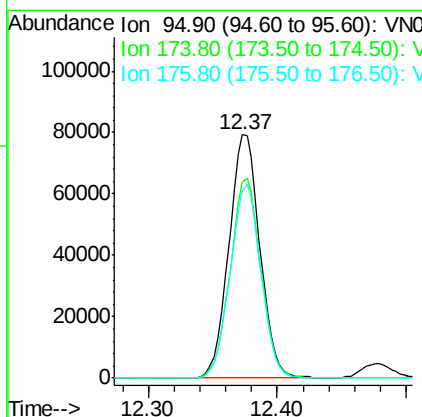
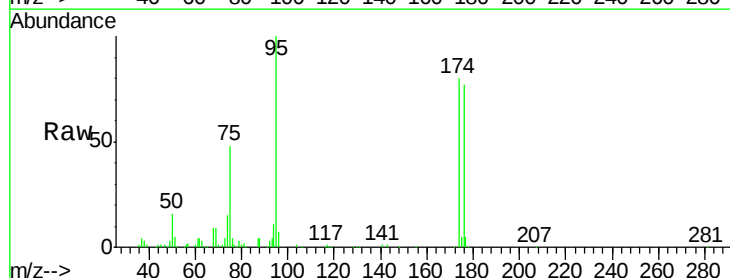
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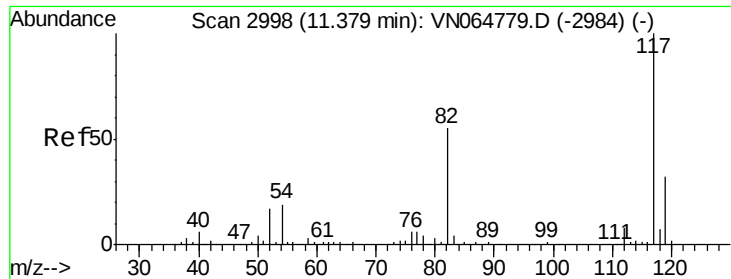
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#62
 4-Bromofluorobenzene
 Concen: 49.379 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN064877.D
 Acq: 1 Dec 2020 13:03

Tgt Ion: 95 Resp: 131835
 Ion Ratio Lower Upper
 95 100
 174 81.6 0.0 160.4
 176 79.1 0.0 158.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2997

Delta R.T. -0.00 min

Lab File: VN064877.D

Acq: 1 Dec 2020 13:03

Instrument :

MSVOA_N

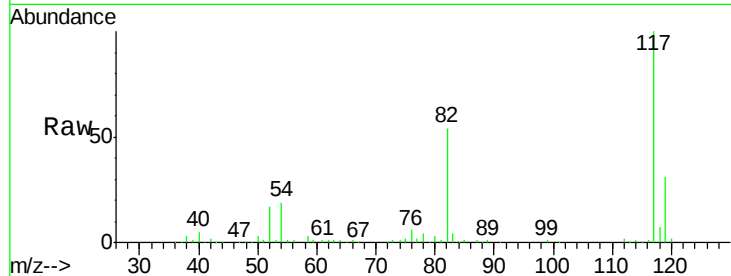
ClientSampleId :

VN1201WBSD01

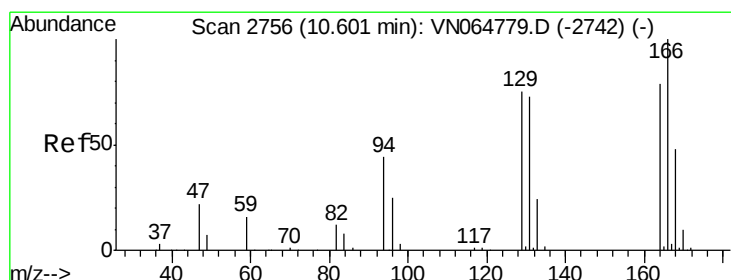
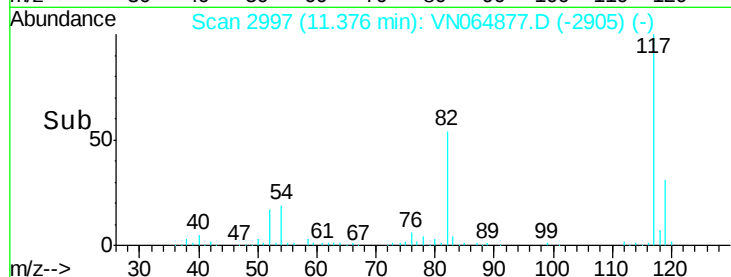
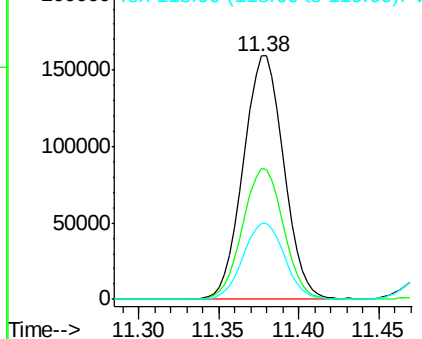
Tot Ion:	117	Resp:	276274
Ion Ratio	Lower	Upper	
117	100		
82	53.6	44.2	66.2
119	31.4	25.8	38.6

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



#64

Tetrachloroethene

Concen: 19.417 ug/l

RT: 10.60 min Scan# 2756

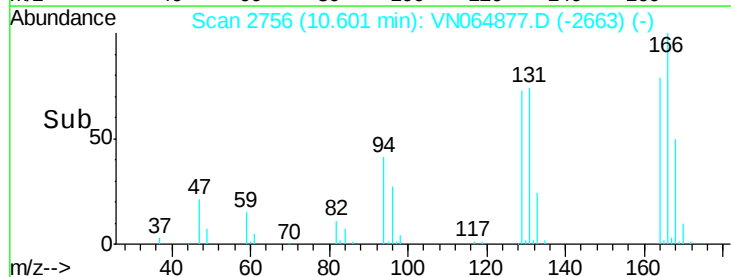
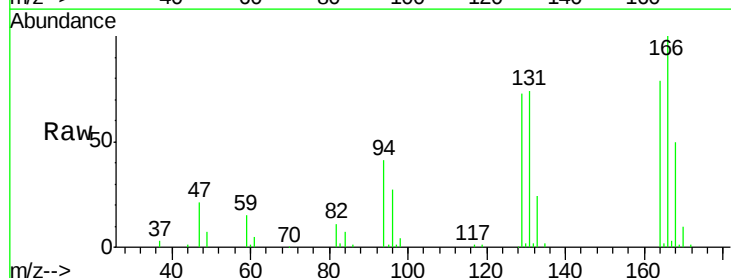
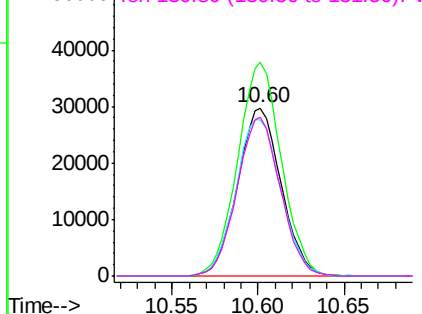
Delta R.T. 0.00 min

Lab File: VN064877.D

Acq: 1 Dec 2020 13:03

Tgt Ion:	164	Resp:	52191
Ion Ratio	Lower	Upper	
164	100		
166	126.9	101.4	152.0
129	92.8	76.1	114.1
131	94.4	74.2	111.2

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





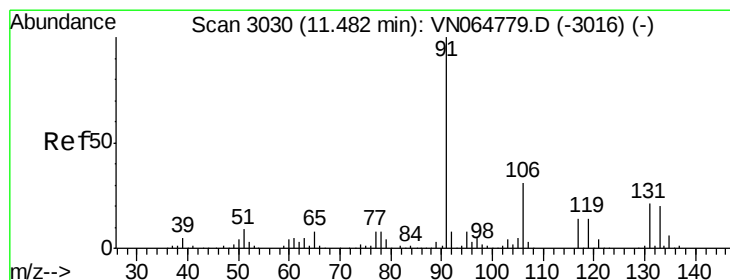
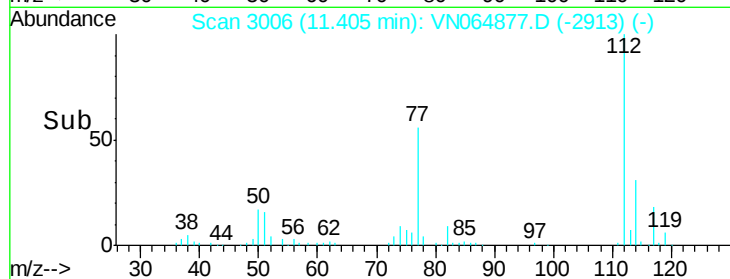
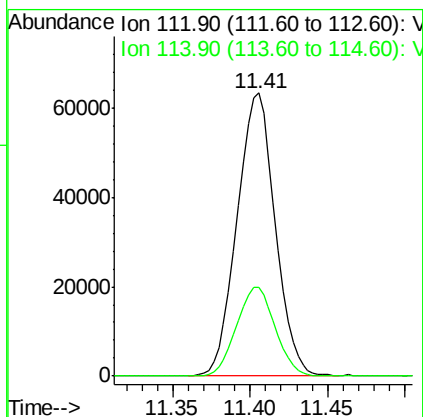
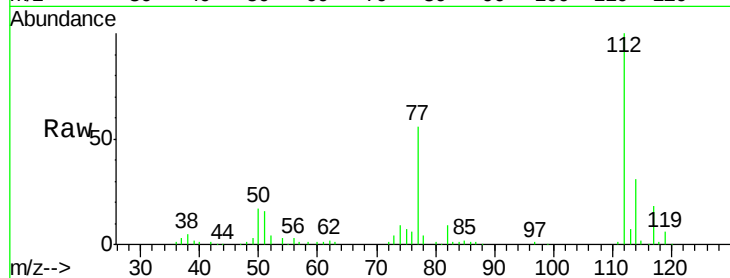
#65
Chlorobenzene
Concen: 18.320 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064877.D
Acq: 1 Dec 2020 13:03

Instrument :
MSVOA_N
ClientSampled :
VN1201WBSD01

Tot Ion:112 Resp: 108688
Ion Ratio Lower Upper
112 100
114 31.3 25.1 37.7

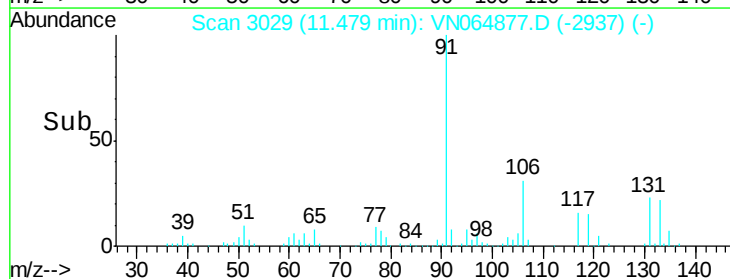
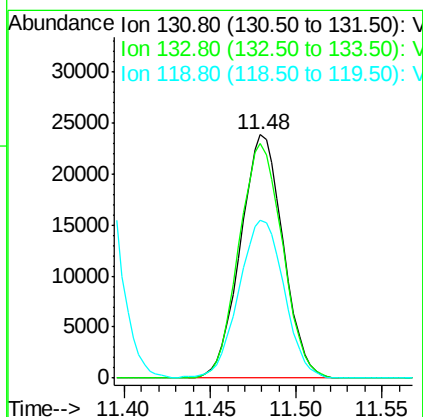
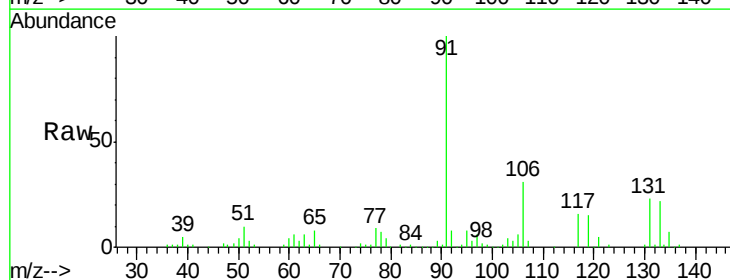
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.826 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064877.D
Acq: 1 Dec 2020 13:03

Tgt Ion:131 Resp: 41047
Ion Ratio Lower Upper
131 100
133 98.4 47.5 142.5
119 68.7 33.3 99.8





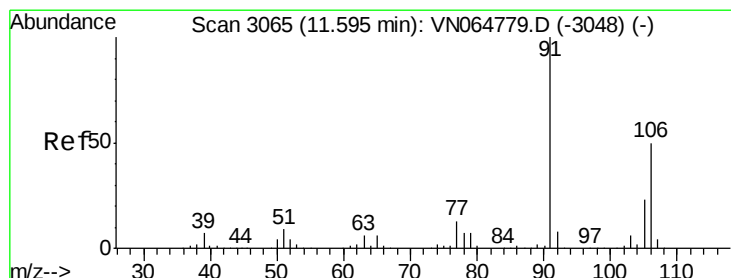
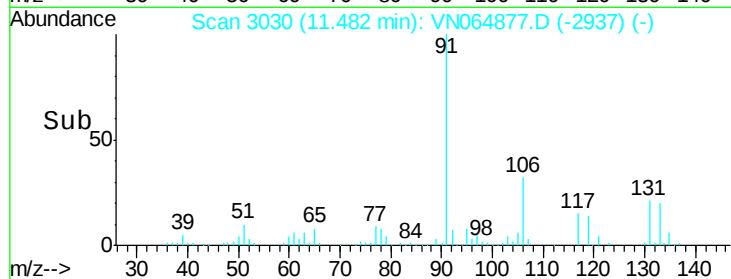
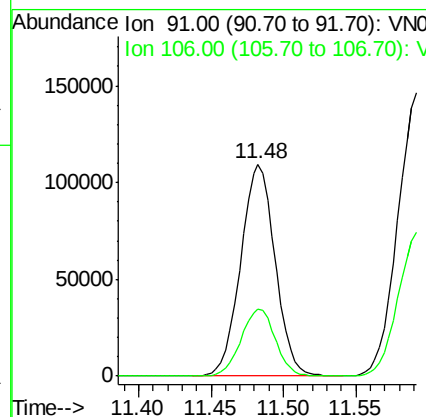
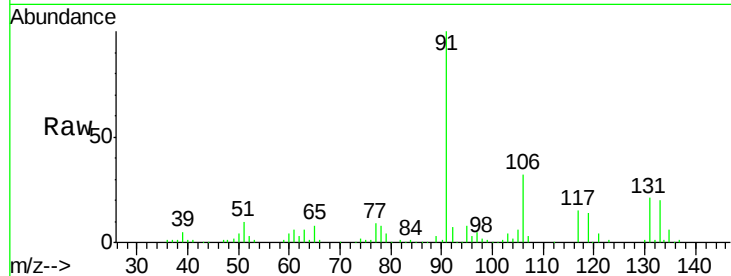
#67
Ethyl Benzene
Concen: 18.216 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064877.D
Acq: 1 Dec 2020 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01

Tot Ion: 91 Resp: 180547
Ion Ratio Lower Upper
91 100
106 31.7 25.2 37.8

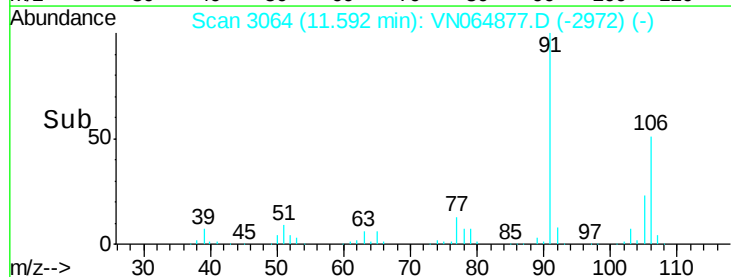
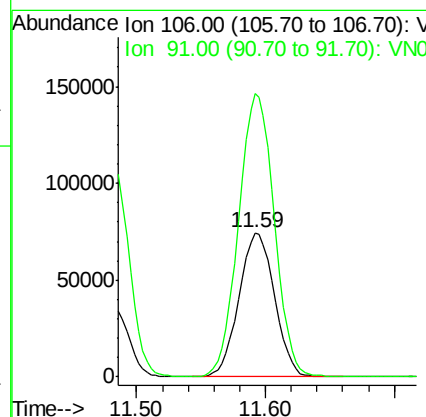
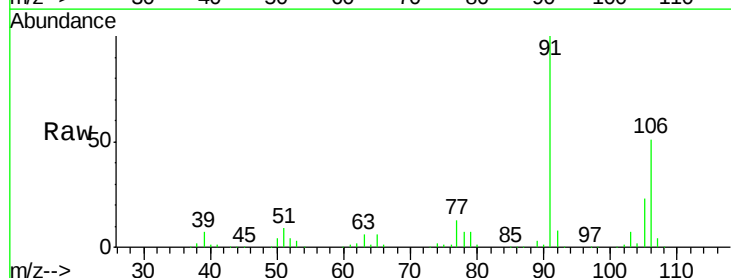
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#68
m/p-Xylenes
Concen: 38.033 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064877.D
Acq: 1 Dec 2020 13:03

Tgt Ion: 106 Resp: 142720
Ion Ratio Lower Upper
106 100
91 196.3 161.0 241.4





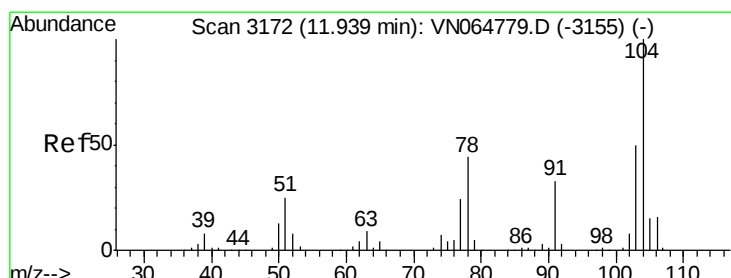
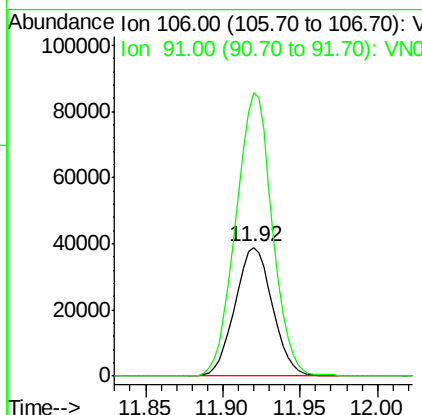
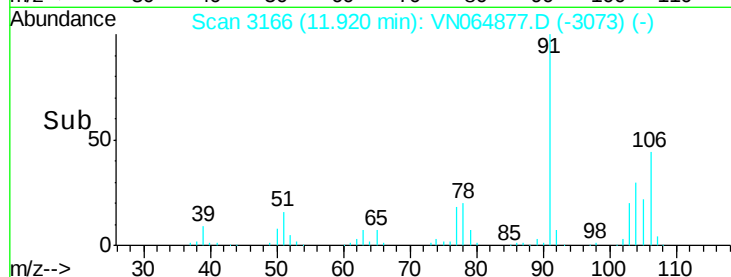
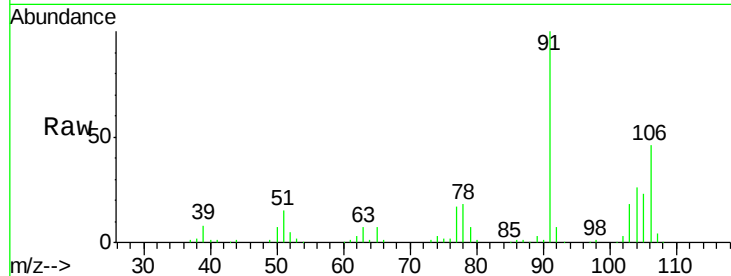
#69
o-Xylene
Concen: 18.411 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064877.D
Acq: 1 Dec 2020 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01

Tot Ion:106 Resp: 65561
Ion Ratio Lower Upper
106 100
91 214.8 105.5 316.5

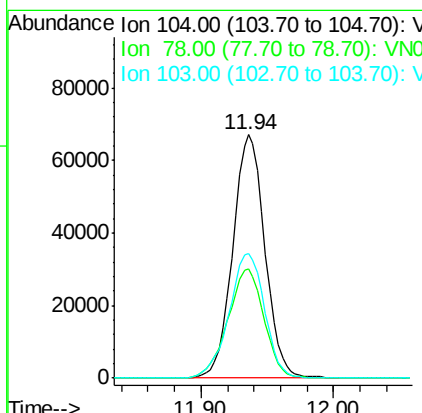
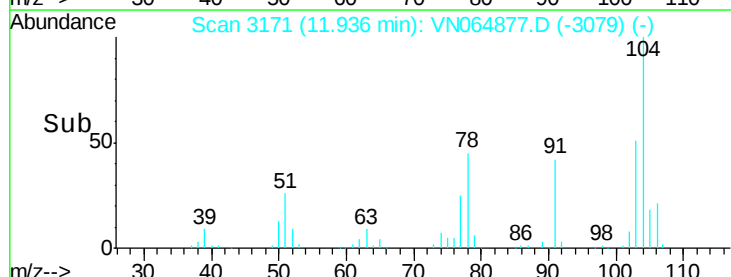
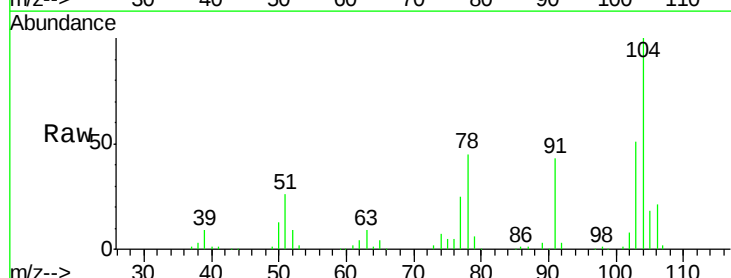
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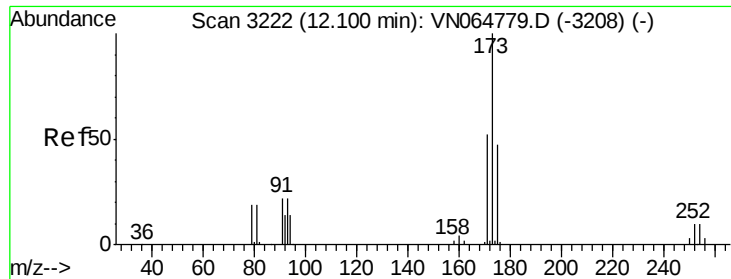
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#70
Styrene
Concen: 18.765 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064877.D
Acq: 1 Dec 2020 13:03

Tgt Ion:104 Resp: 112803
Ion Ratio Lower Upper
104 100
78 50.3 39.0 58.6
103 56.5 44.3 66.5





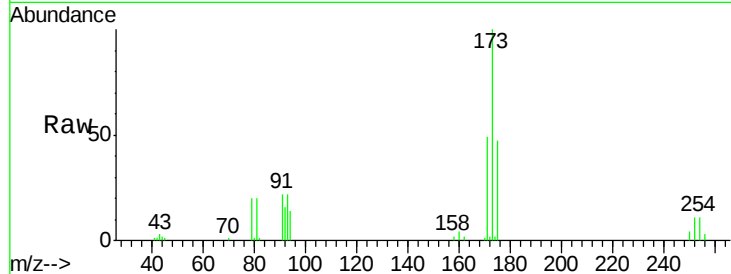
#71
Bromoform
Concen: 18.334 ug/l
RT: 12.10 min Scan# 3221
Delta R.T. -0.00 min
Lab File: VN064877.D
Acq: 1 Dec 2020 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01

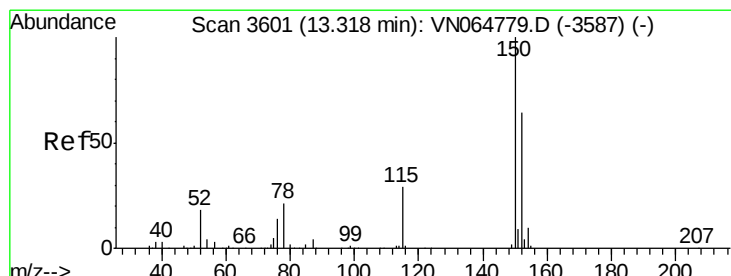
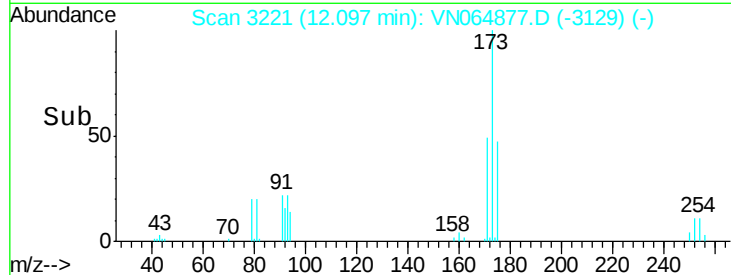
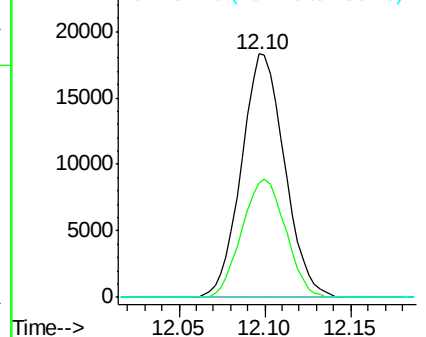
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.3	72.8
254	0.0	0.0	0.0

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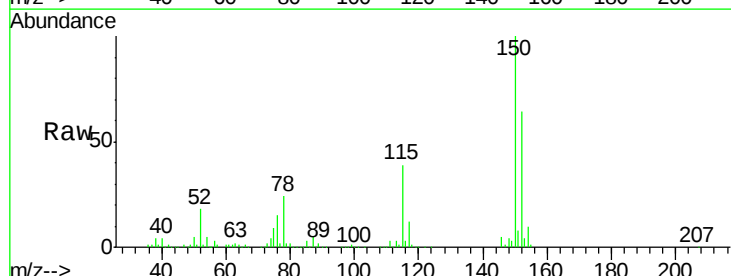


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

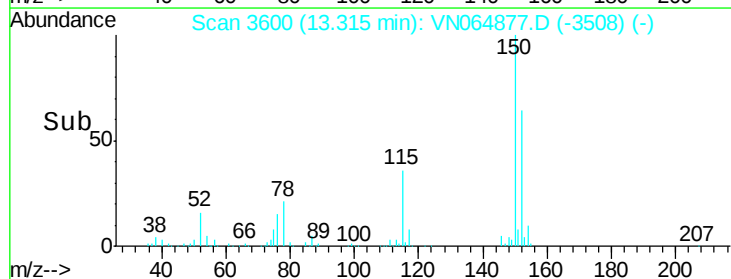
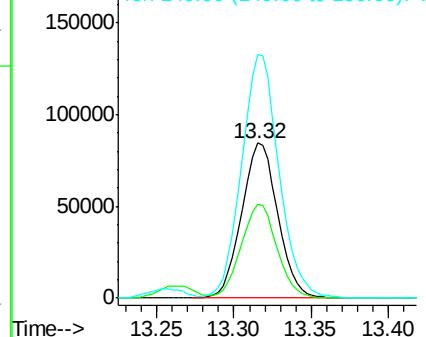


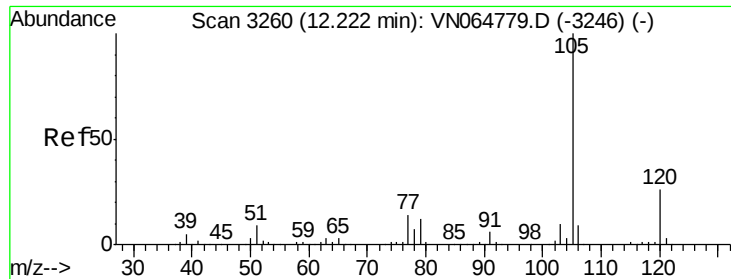
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064877.D
Acq: 1 Dec 2020 13:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.2	29.7	89.1
150	162.2	0.0	350.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.391 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064877.D

Acq: 1 Dec 2020 13:03

Instrument :

MSVOA_N

ClientSampleId :

VN1201WBSD01

Tot Ion: 105 Resp: 175935

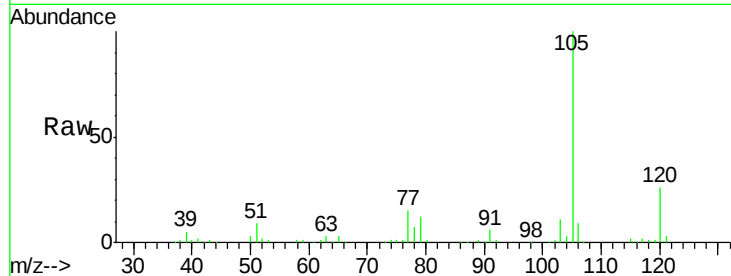
Ion Ratio Lower Upper

105 100

120 25.8 13.3 39.9

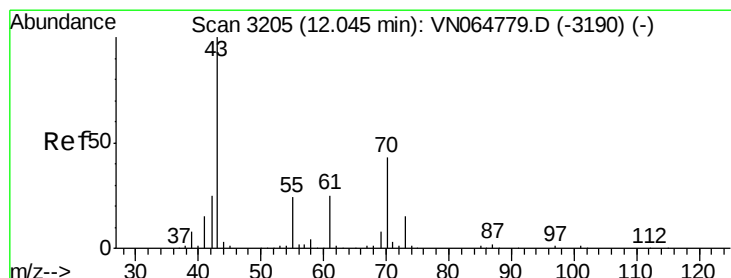
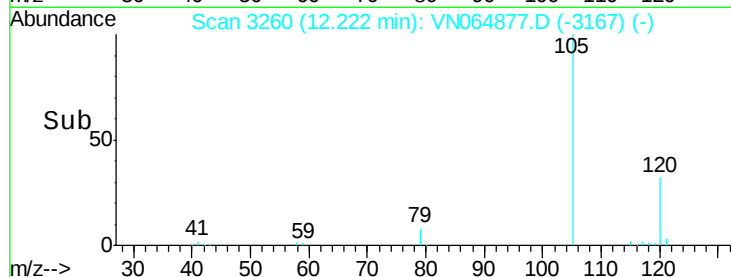
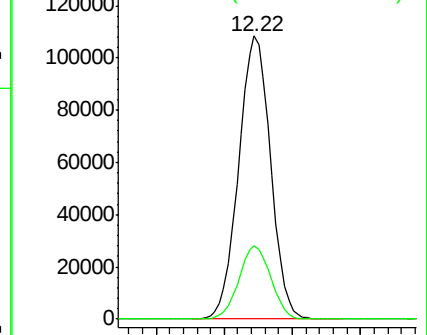
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.919 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064877.D

Acq: 1 Dec 2020 13:03

Tgt Ion: 43 Resp: 67460

Ion Ratio Lower Upper

43 100

70 43.1 34.5 51.7

55 25.4 20.4 30.6

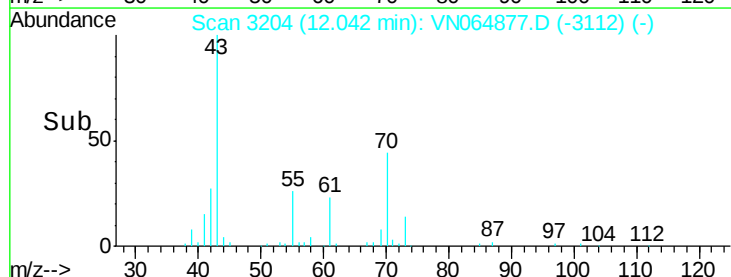
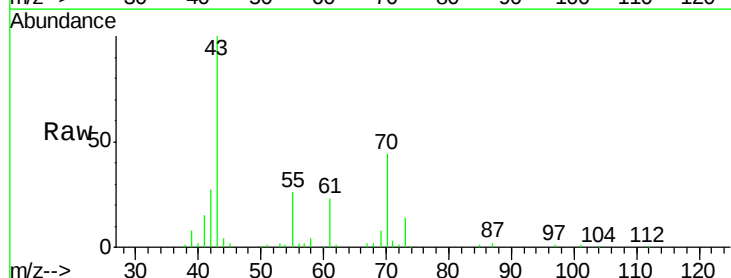
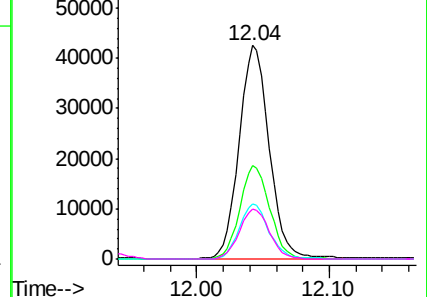
61 23.2 20.0 30.0

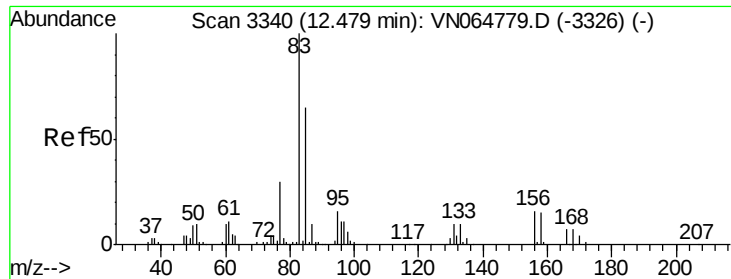
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.567 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064877.D

Acq: 1 Dec 2020 13:03

Instrument :

MSVOA_N

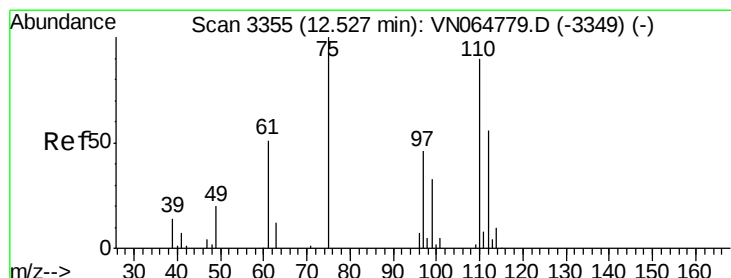
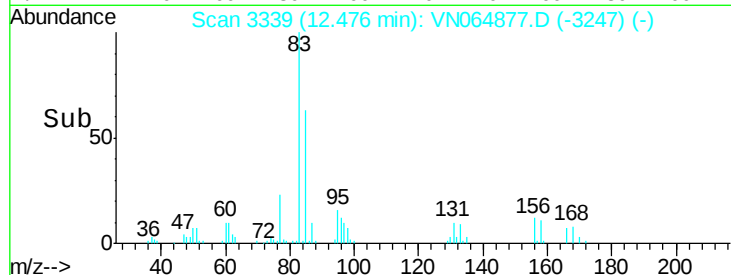
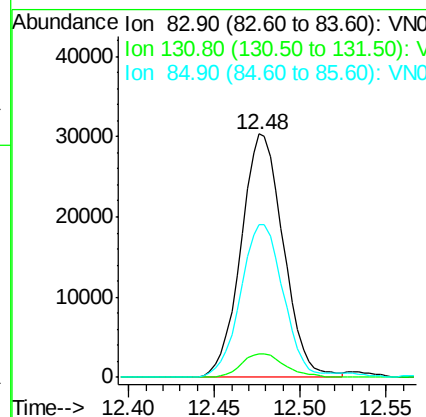
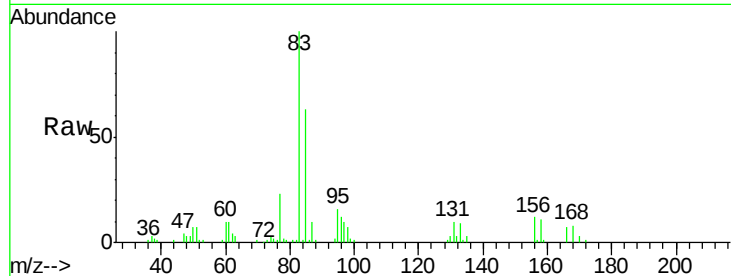
ClientSampleId :

VN1201WBSD01

Tot Ion:	83	Resp:	52060
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.1	15.3
85	63.2	33.0	99.0

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#76

1,2,3-Trichloropropane

Concen: 16.697 ug/l m

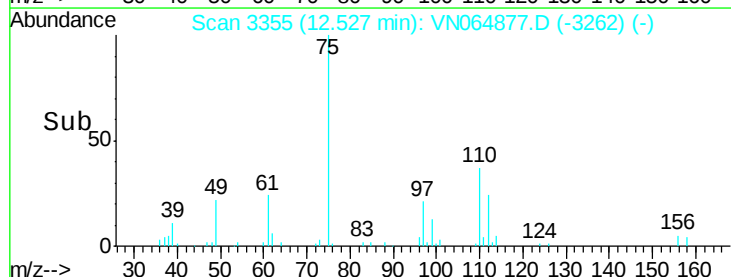
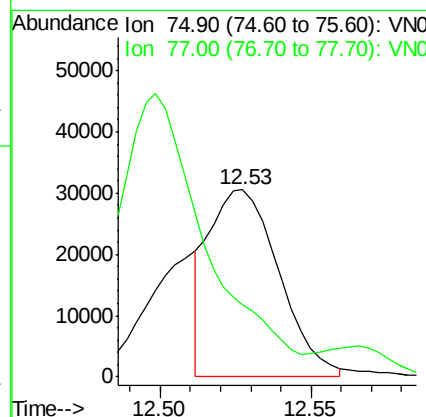
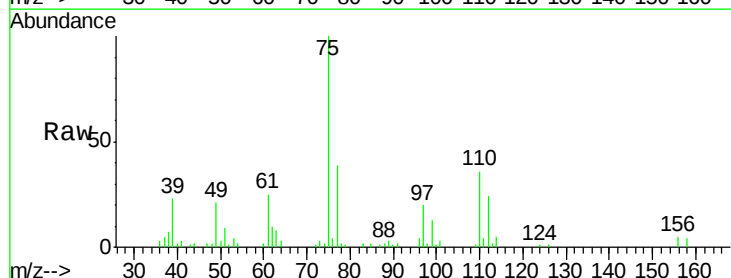
RT: 12.53 min Scan# 3355

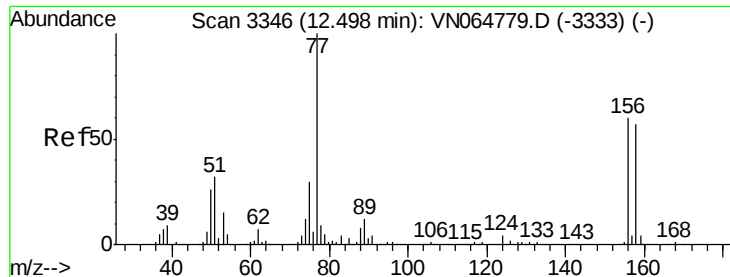
Delta R.T. 0.00 min

Lab File: VN064877.D

Acq: 1 Dec 2020 13:03

Tgt Ion:	75	Resp:	49455
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 18.139 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064877.D

Acq: 1 Dec 2020 13:03

Instrument :

MSVOA_N

ClientSampleId :

VN1201WBSD01

Tot Ion:156 Resp: 46782

Ion Ratio Lower Upper

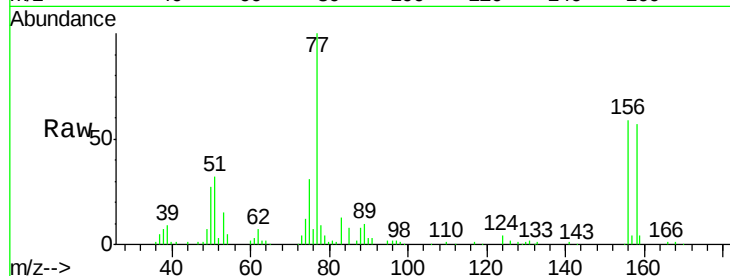
156 100

77 204.5 101.3 303.7

158 96.3 48.2 144.6

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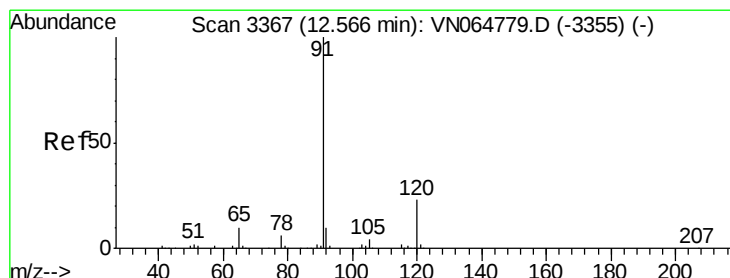
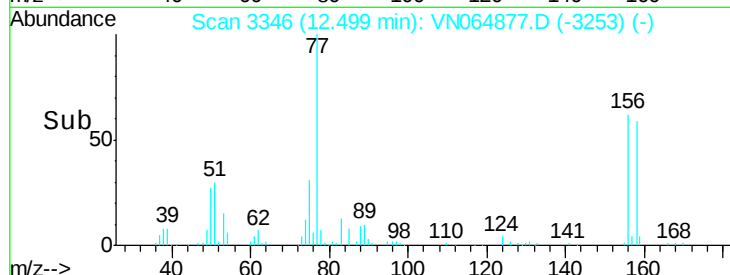
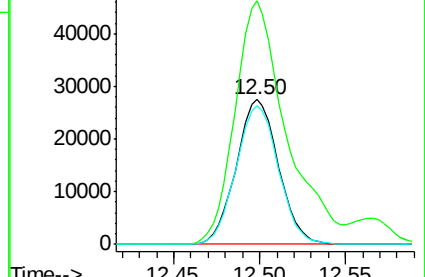
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.532 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064877.D

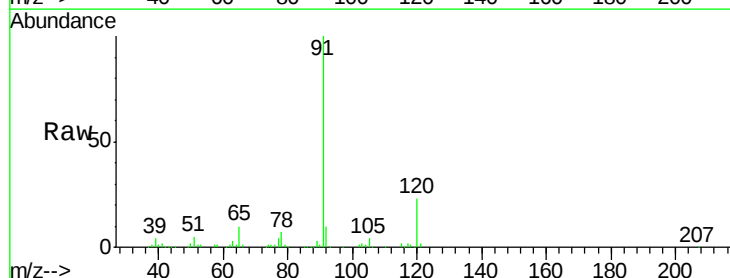
Acq: 1 Dec 2020 13:03

Tgt Ion: 91 Resp: 201964

Ion Ratio Lower Upper

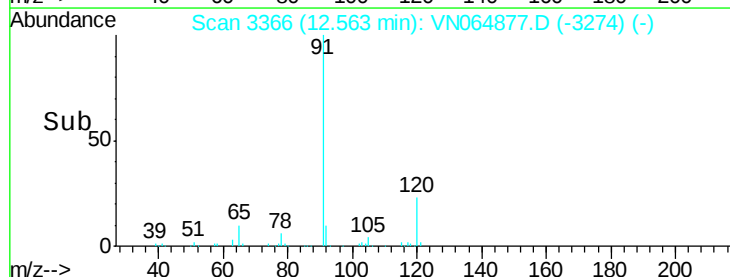
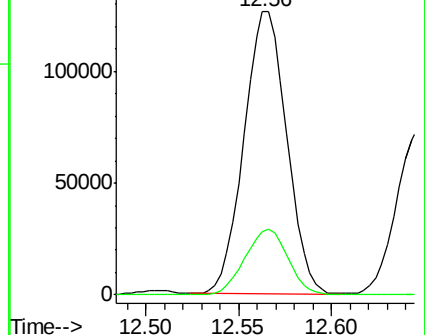
91 100

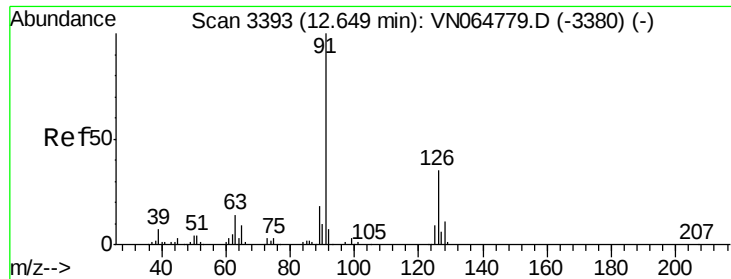
120 23.6 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





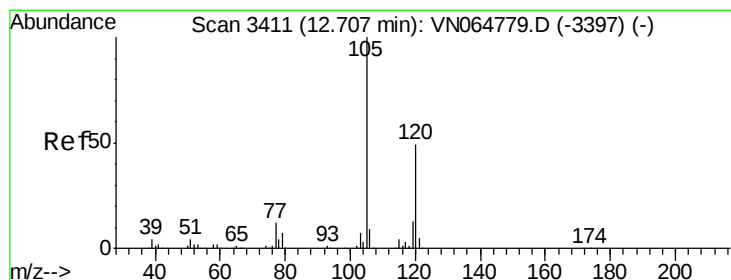
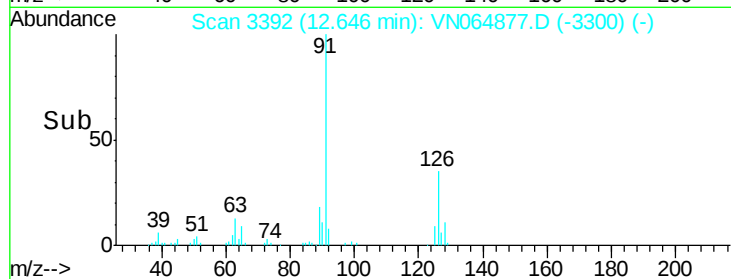
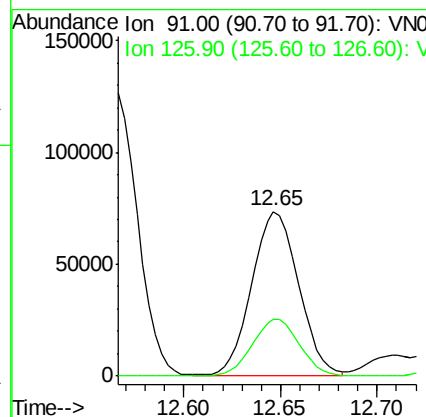
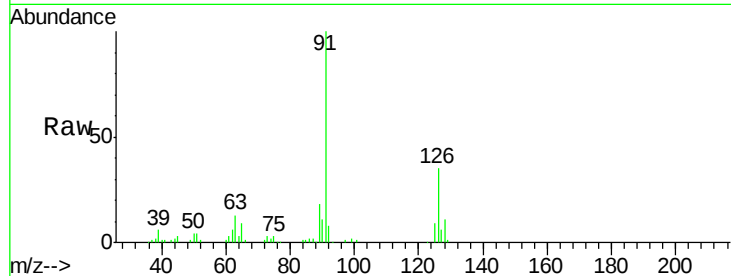
#79
 2-Chlorotoluene
 Concen: 18.244 ug/l
 RT: 12.65 min Scan# 3392
 Delta R.T. -0.00 min
 Lab File: VN064877.D
 Acq: 1 Dec 2020 13:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1201WBSD01

Tot Ion: 91 Resp: 122900
 Ion Ratio Lower Upper
 91 100
 126 35.0 17.2 51.6

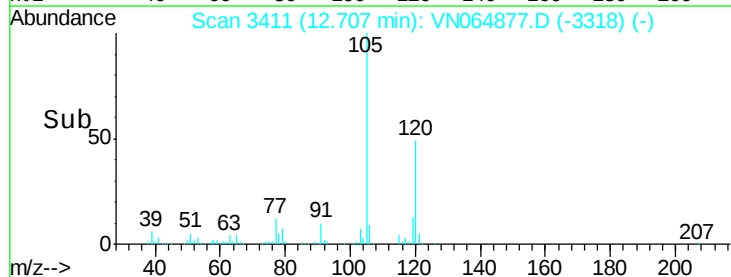
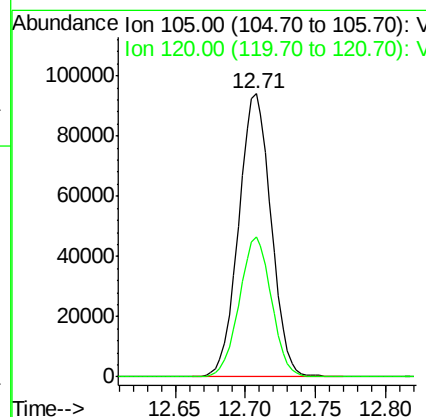
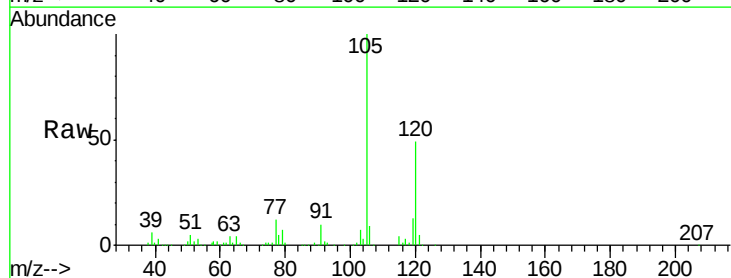
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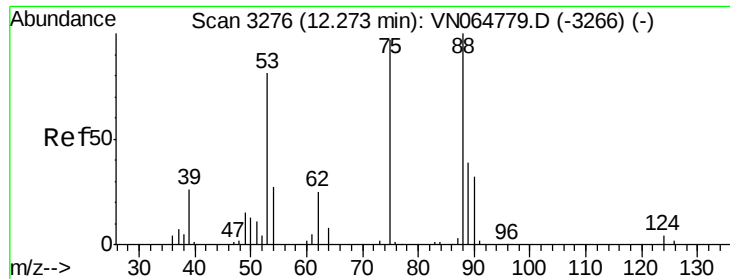
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 12/2/2020 12:43:25 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 19.076 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN064877.D
 Acq: 1 Dec 2020 13:03

Tgt Ion: 105 Resp: 151683
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 17.183 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064877.D

Acq: 1 Dec 2020 13:03

Instrument :

MSVOA_N

ClientSampleId :

VN1201WBSD01

Tot Ion: 75 Resp: 18570

Ion Ratio Lower Upper

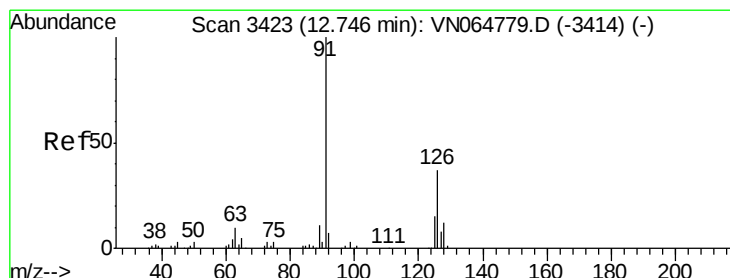
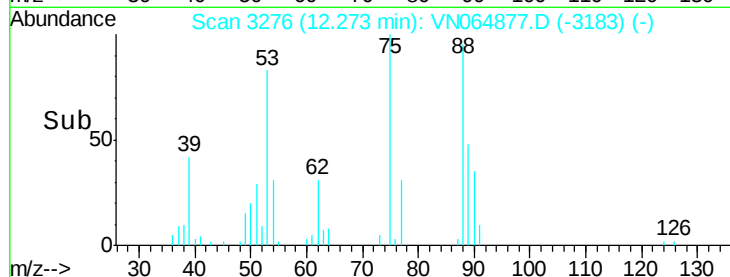
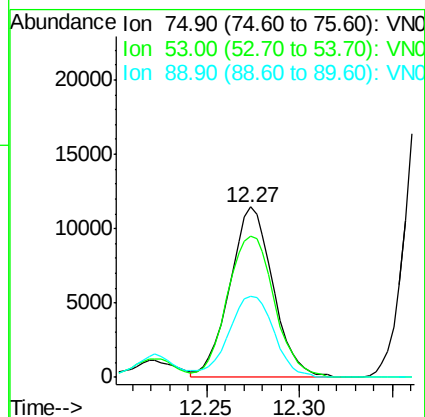
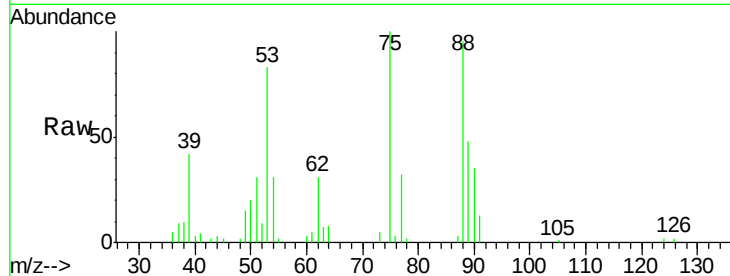
75 100

53 89.8 67.0 100.4

89 50.0 39.6 59.4

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#82

4-Chlorotoluene

Concen: 18.371 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064877.D

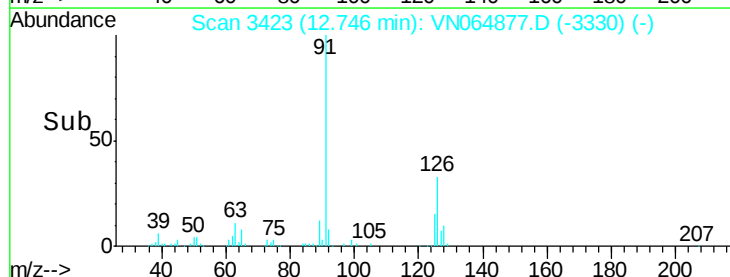
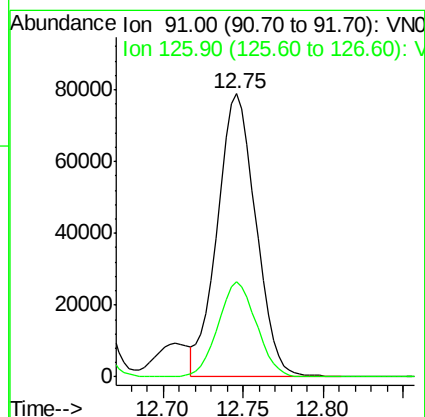
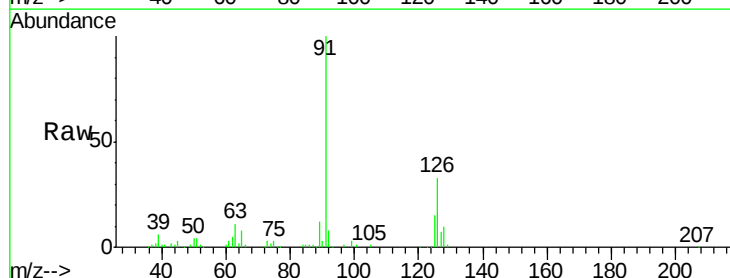
Acq: 1 Dec 2020 13:03

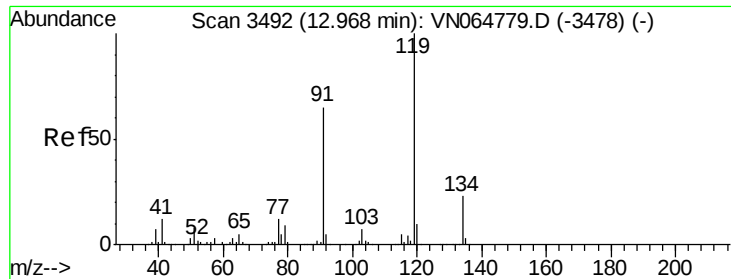
Tgt Ion: 91 Resp: 129720

Ion Ratio Lower Upper

91 100

126 33.5 16.9 50.7





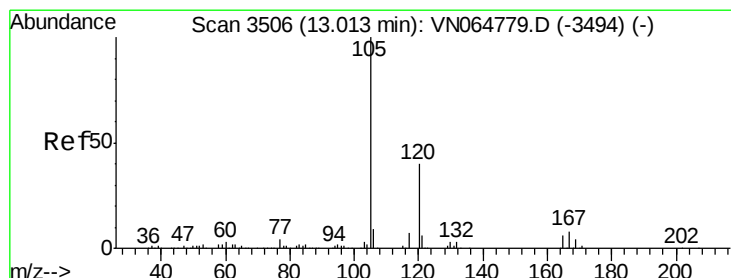
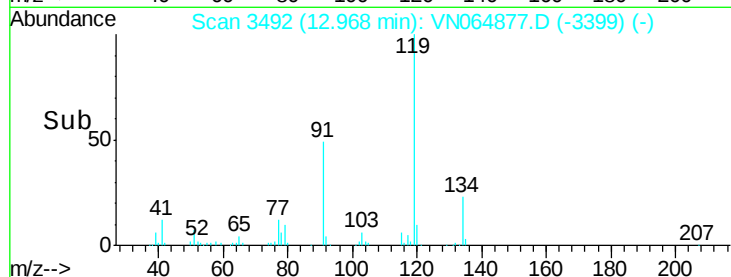
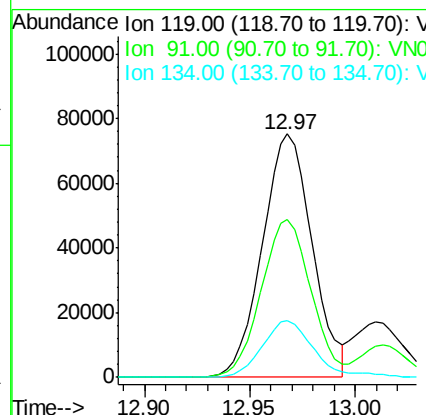
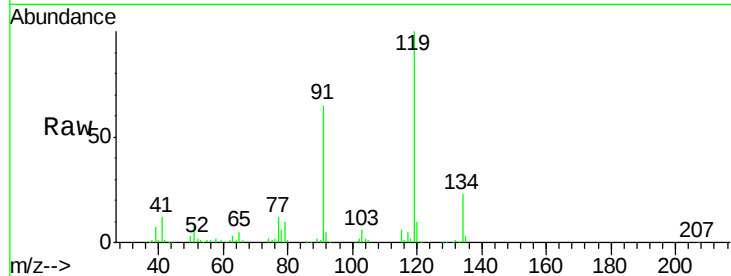
#83
 tert-Butylbenzene
 Concen: 18.561 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064877.D
 Acq: 1 Dec 2020 13:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1201WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	123711		
91	64.6	32.3	96.8	
134	24.3	12.6	37.6	

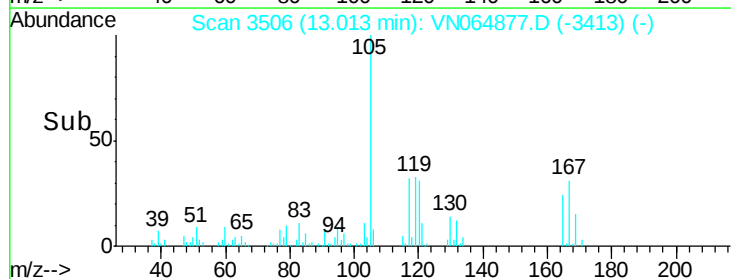
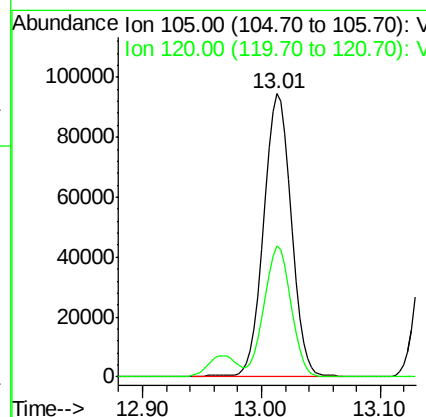
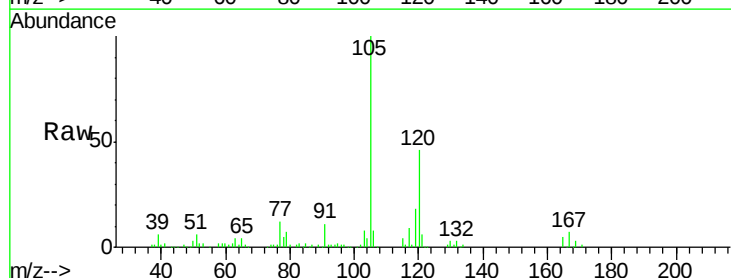
Manual Integrations
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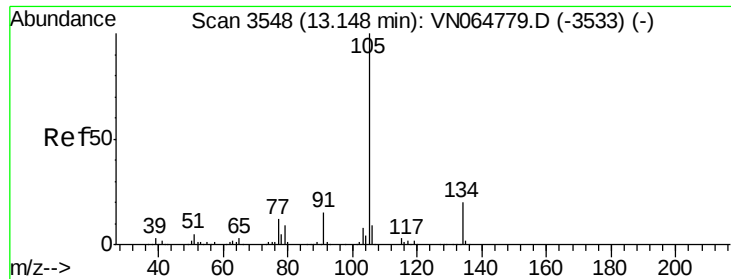
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.002 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064877.D
 Acq: 1 Dec 2020 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	152767		
120	45.1	23.1	69.2	





#85

sec-Butylbenzene

Concen: 18.951 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064877.D

Acq: 1 Dec 2020 13:03

Instrument :

MSVOA_N

ClientSampleId :

VN1201WBSD01

Tot Ion:105 Resp: 167706

Ion Ratio Lower Upper

105 100

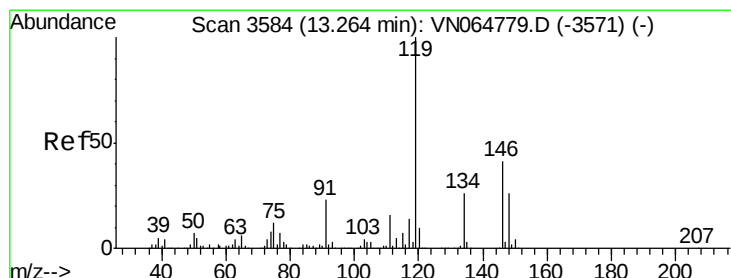
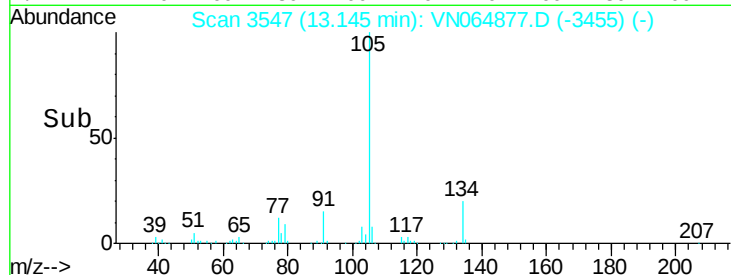
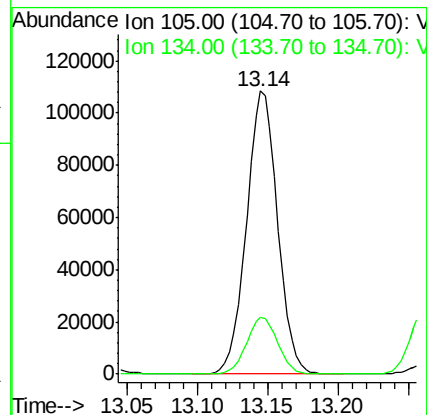
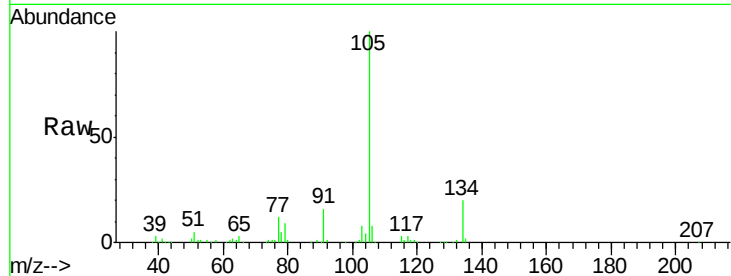
134 19.9 10.1 30.1

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 19.221 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064877.D

Acq: 1 Dec 2020 13:03

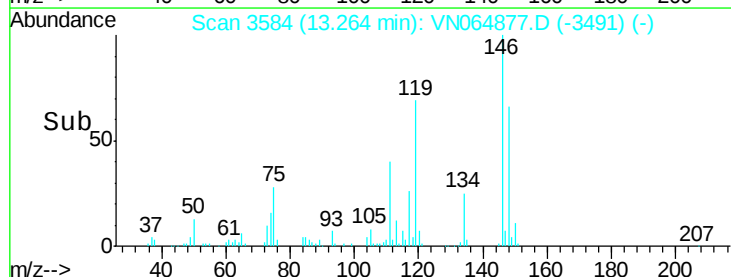
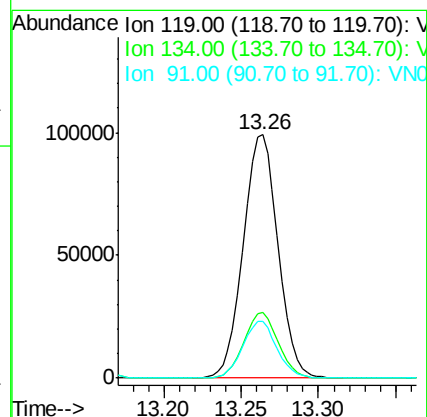
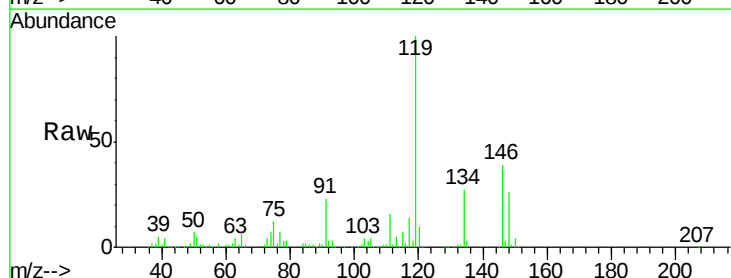
Tgt Ion:119 Resp: 154854

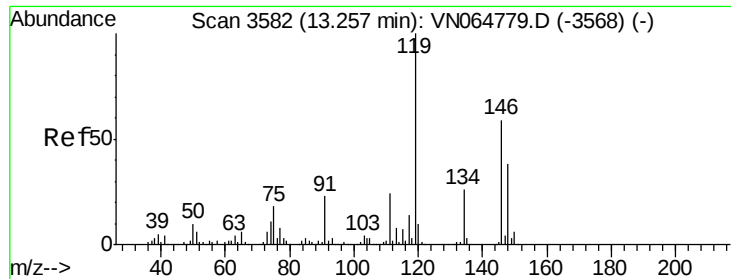
Ion Ratio Lower Upper

119 100

134 26.7 13.1 39.1

91 22.9 11.5 34.5





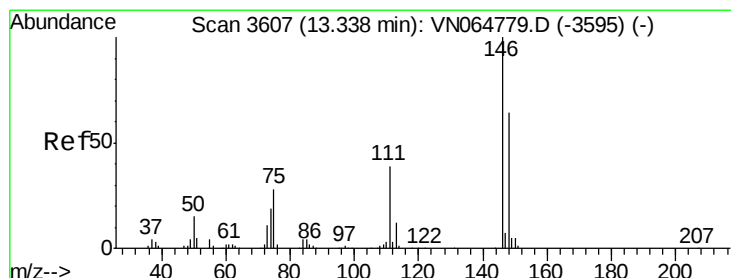
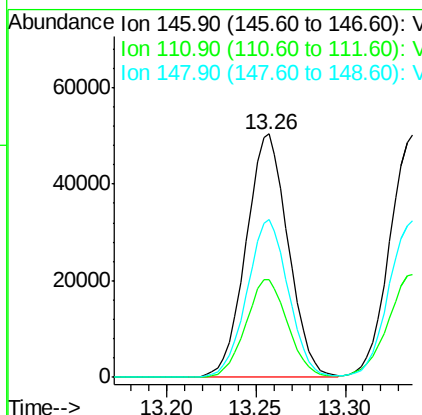
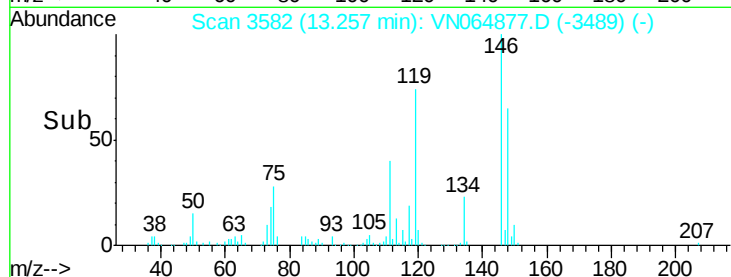
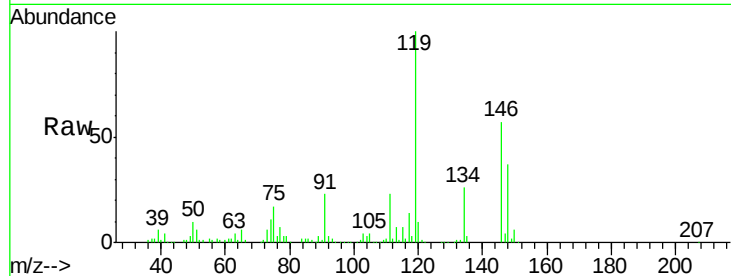
#87
 1,3-Dichlorobenzene
 Concen: 18.195 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064877.D
 Acq: 1 Dec 2020 13:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1201WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.6	61.9
148	63.8	31.9	95.5

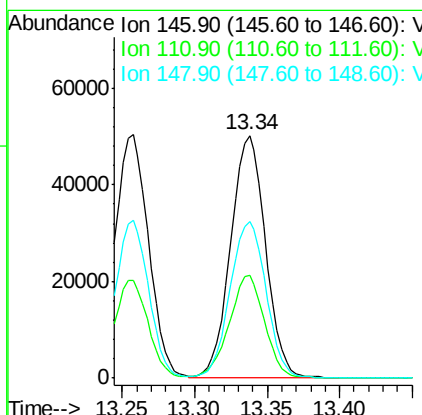
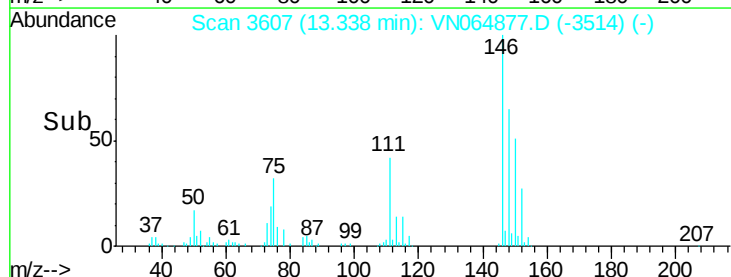
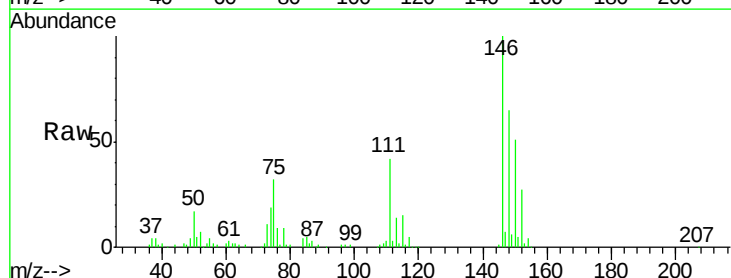
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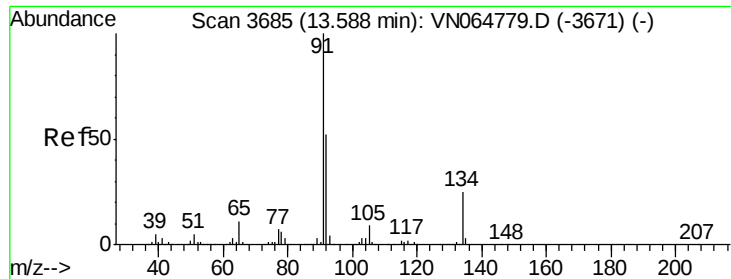
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#88
 1,4-Dichlorobenzene
 Concen: 17.381 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064877.D
 Acq: 1 Dec 2020 13:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.8	19.8	59.3
148	66.4	31.9	95.5





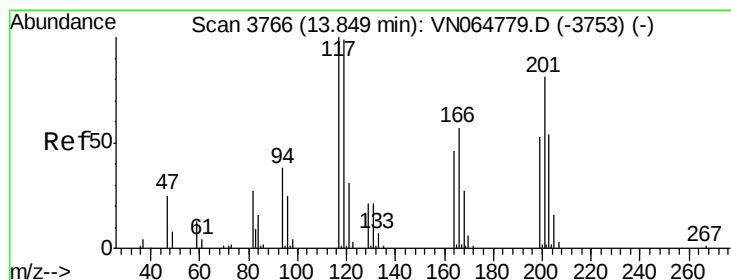
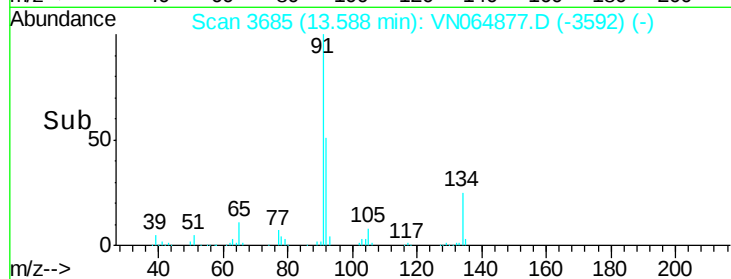
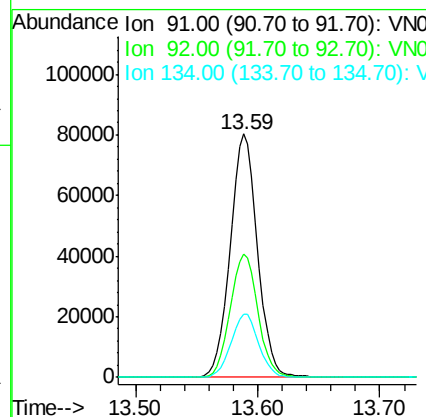
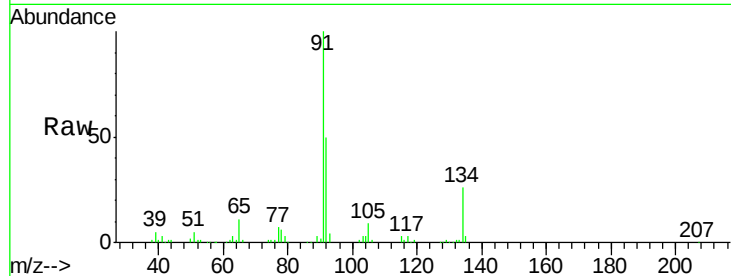
#89
n-Butylbenzene
Concen: 17.781 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064877.D
Acq: 1 Dec 2020 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.5	26.0	78.0
134	26.2	12.9	38.6

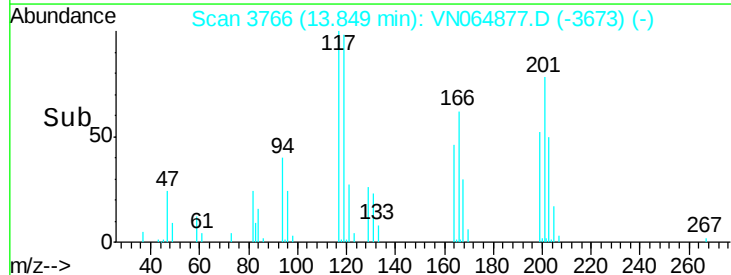
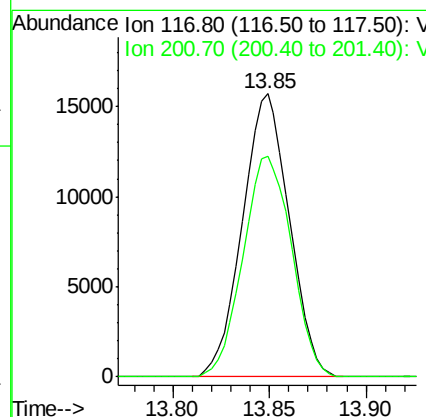
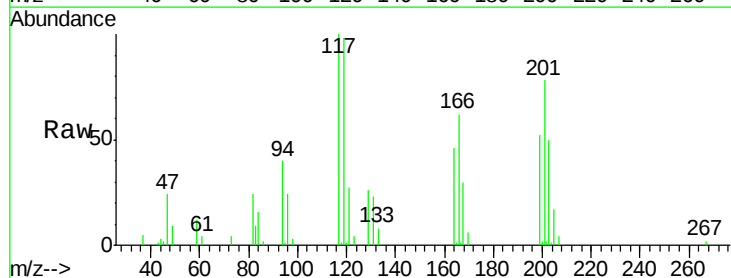
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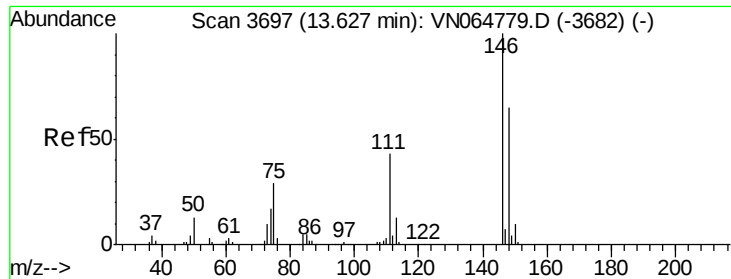
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#90
Hexachloroethane
Concen: 18.923 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064877.D
Acq: 1 Dec 2020 13:03

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.5	40.1	120.3





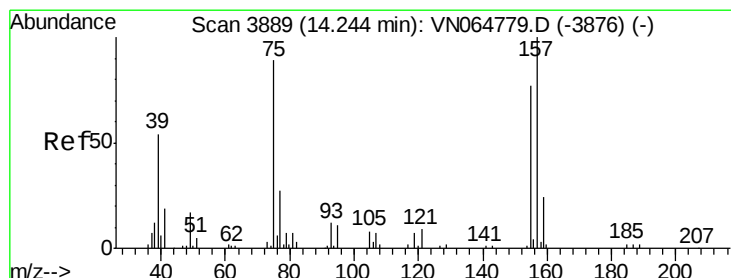
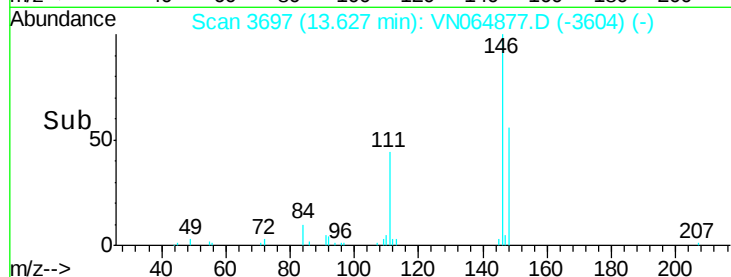
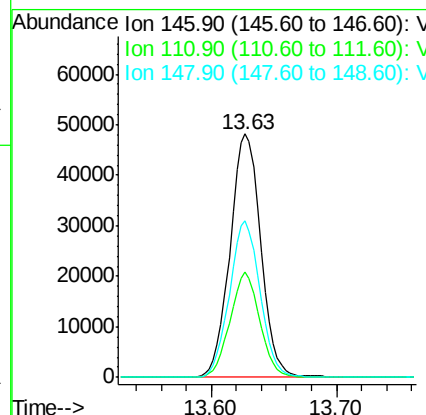
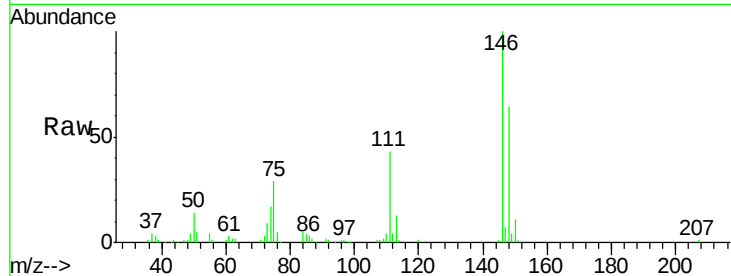
#91
 1,2-Dichlorobenzene
 Concen: 18.212 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064877.D
 Acq: 1 Dec 2020 13:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1201WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	21.1	63.1
148	63.7	32.0	96.2

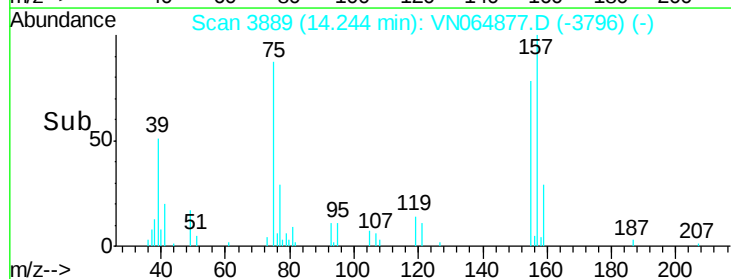
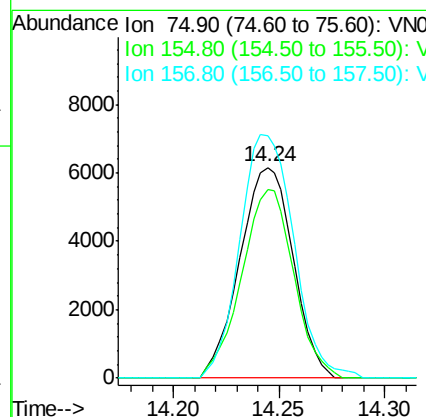
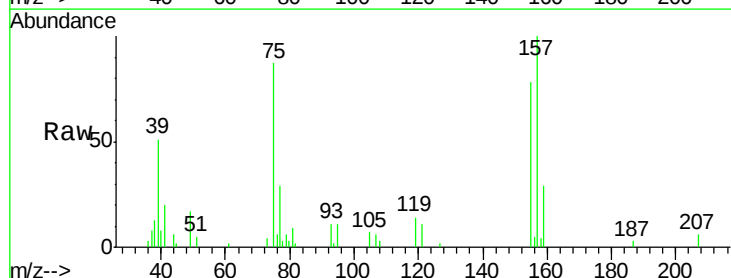
Manual Integrations
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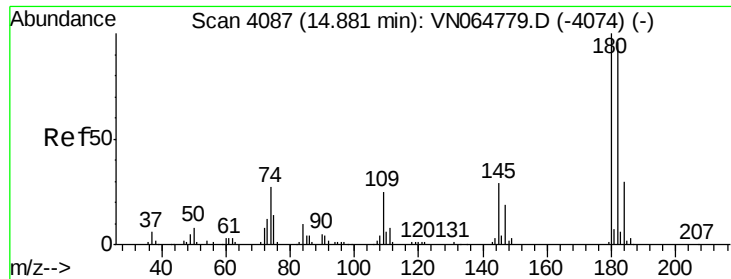
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.148 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064877.D
 Acq: 1 Dec 2020 13:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.4	42.8	128.3
157	116.9	56.4	169.1





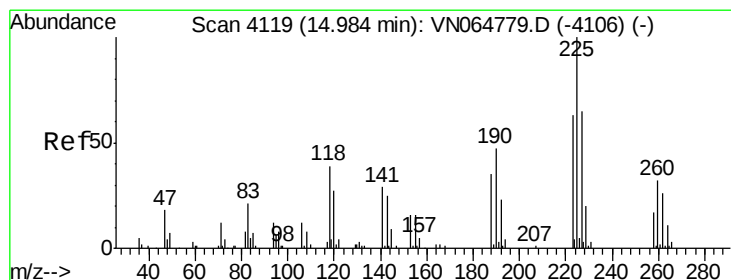
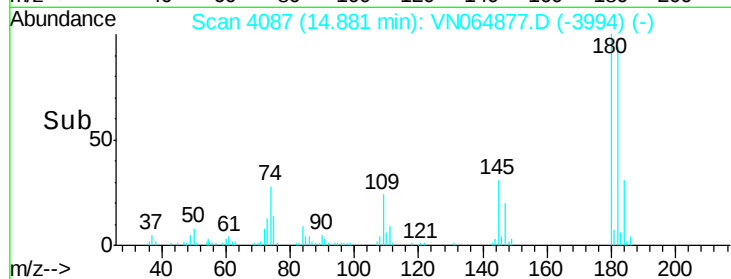
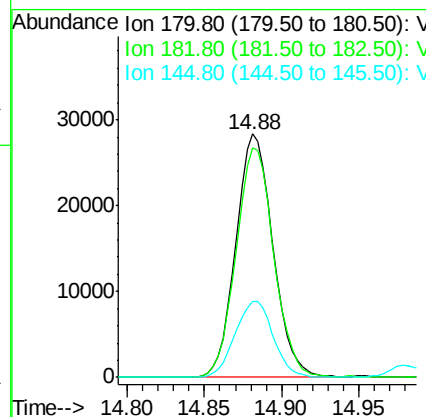
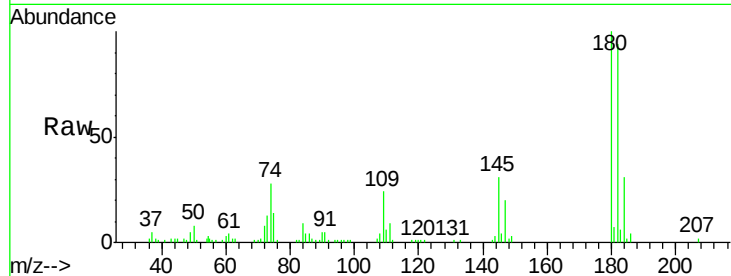
#93
 1,2,4-Trichlorobenzene
 Concen: 16.946 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064877.D
 Acq: 1 Dec 2020 13:03

Instrument :
 MSVOA_N
 ClientSampled :
 VN1201WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	47164		
182	95.8	47.6	142.9	
145	31.9	15.3	45.8	

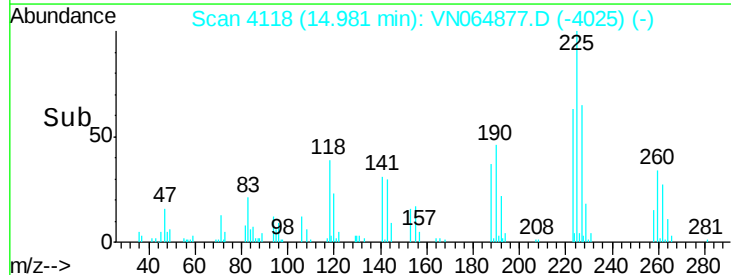
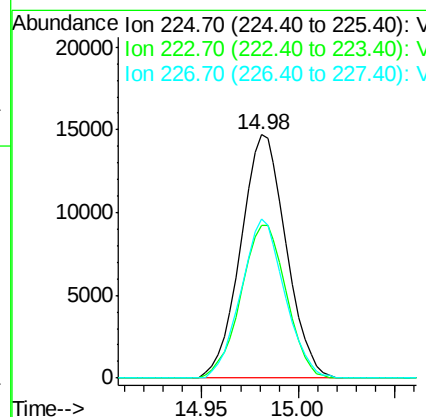
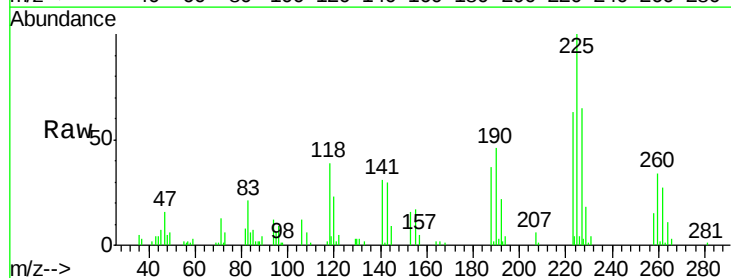
Manual Integrations
 APPROVED

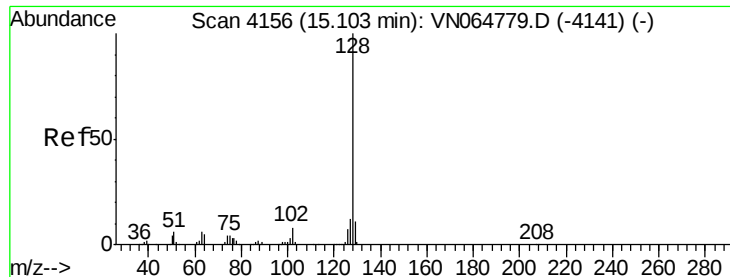
MMDadoda
 12/2/2020 12:43:25 PM



#94
 Hexachlorobutadiene
 Concen: 19.372 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064877.D
 Acq: 1 Dec 2020 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	23991		
223	62.8	31.0	93.0	
227	62.8	32.0	96.0	





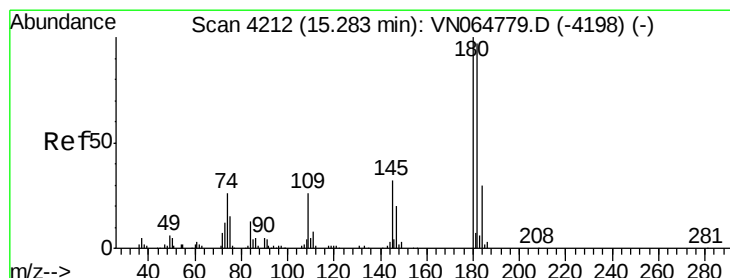
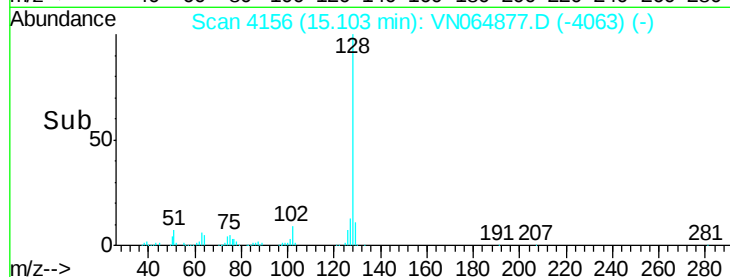
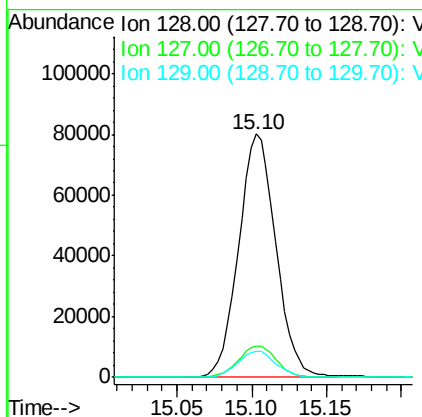
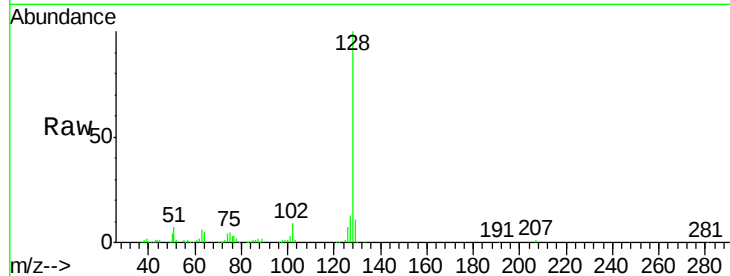
#95
Naphthalene
Concen: 16.617 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064877.D
Acq: 1 Dec 2020 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.3	15.5
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
12/2/2020 12:43:25 PM



#96
1,2,3-Trichlorobenzene
Concen: 18.354 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064877.D
Acq: 1 Dec 2020 13:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	48.1	144.4
145	31.4	16.4	49.1

