

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120120\
 Data File : VN064876.D
 Acq On : 1 Dec 2020 12:30
 Operator : JC/MD
 Sample : VN1201WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1201WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/2/2020 12:43:23 PM

Quant Time: Dec 02 00:26:50 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	209121	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	319796	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	291552	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	142646	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	114105	46.93	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.86%
35) Dibromofluoromethane	7.55	113	98955	51.71	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.42%
50) Toluene-d8	10.06	98	385066	49.25	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.50%
62) 4-Bromofluorobenzene	12.38	95	133573	47.74	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.48%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	29863	16.477	ug/l	100
3) Chloromethane	2.04	50	37633	15.979	ug/l	98
4) Vinyl Chloride	2.16	62	39945	16.268	ug/l	97
5) Bromomethane	2.53	94	26608	16.516	ug/l	98
6) Chloroethane	2.67	64	25475	16.774	ug/l	99
7) Trichlorofluoromethane	2.99	101	59898	17.647	ug/l	100
8) Diethyl Ether	3.37	74	22515	16.805	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.71	101	37404	18.370	ug/l	99
10) Methyl Iodide	3.90	142	40157	15.205	ug/l	99
11) Tert butyl alcohol	4.76	59	31659	83.501	ug/l	97
12) 1,1-Dichloroethene	3.69	96	35317	17.416	ug/l	97
13) Acrolein	3.56	56	20073	86.675	ug/l	99
14) Allyl chloride	4.27	41	54821	16.391	ug/l	100
15) Acrylonitrile	4.93	53	94028	89.773	ug/l	98
16) Acetone	3.78	43	71470	89.428	ug/l	99
17) Carbon Disulfide	4.00	76	87766	16.766	ug/l	99
18) Methyl Acetate	4.28	43	43949	18.291	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	112301	17.267	ug/l	97
20) Methylene Chloride	4.50	84	42548	16.990	ug/l	93
21) trans-1,2-Dichloroethene	4.99	96	38313	17.013	ug/l	94
22) Diisopropyl ether	5.90	45	122901	18.359	ug/l	99
23) Vinyl Acetate	5.84	43	473231	88.398	ug/l	98
24) 1,1-Dichloroethane	5.79	63	70830	17.704	ug/l	98
25) 2-Butanone	6.79	43	114722	88.552	ug/l	99
26) 2,2-Dichloropropane	6.77	77	59632	17.185	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	44740	17.656	ug/l	98
28) Bromochloromethane	7.15	49	31924	17.442	ug/l	97
29) Tetrahydrofuran	7.17	42	79146	88.501	ug/l	98
30) Chloroform	7.32	83	73618	17.843	ug/l	98
31) Cyclohexane	7.61	56	57614	17.003	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	62093	17.523	ug/l	98
36) 1,1-Dichloropropene	7.75	75	52984	17.875	ug/l	99
37) Ethyl Acetate	6.88	43	50497	17.685	ug/l	98
38) Carbon Tetrachloride	7.73	117	55932	18.135	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	56708	17.771	ug/l	97
40) Benzene	8.00	78	163538	18.004	ug/l	99
41) Methacrylonitrile	7.12	41	22974	17.438	ug/l #	84
42) 1,2-Dichloroethane	8.08	62	54261	17.708	ug/l	99
43) Isopropyl Acetate	8.13	43	80847	17.596	ug/l	99
44) Trichloroethene	8.80	130	49109	18.324	ug/l	98
45) 1,2-Dichloropropane	9.08	63	43119	18.331	ug/l	97
46) Dibromomethane	9.17	93	28803	18.329	ug/l	98
47) Bromodichloromethane	9.37	83	58097	18.373	ug/l	98
48) Methyl methacrylate	9.16	41	39756	18.108	ug/l	100
49) 1,4-Dioxane	9.16	88	14865	358.242	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	252452	91.524	ug/l	99
52) Toluene	10.12	92	103819	18.559	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	61449	17.448	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	68790	18.223	ug/l	94
55) 1,1,2-Trichloroethane	10.53	97	41598	18.084	ug/l	97
56) Ethyl methacrylate	10.40	69	55481	17.478	ug/l	98
57) 1,3-Dichloropropane	10.68	76	70609	18.608	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	156615	89.696	ug/l	100
59) 2-Hexanone	10.72	43	178903	90.122	ug/l	99
60) Dibromochloromethane	10.87	129	45461	17.780	ug/l	97
61) 1,2-Dibromoethane	10.98	107	42564	18.213	ug/l	100
64) Tetrachloroethene	10.60	164	56026	19.752	ug/l	98
65) Chlorobenzene	11.41	112	114084	18.221	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	43200	18.775	ug/l	100
67) Ethyl Benzene	11.48	91	188546	18.026	ug/l	99
68) m/p-Xylenes	11.59	106	147350	37.209	ug/l	98
69) o-Xylene	11.92	106	68271	18.168	ug/l	97
70) Styrene	11.94	104	119022	18.762	ug/l	99
71) Bromoform	12.10	173	31826	17.318	ug/l #	100
73) Isopropylbenzene	12.22	105	184705	18.616	ug/l	100
74) N-amyl acetate	12.05	43	67360	17.251	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	51605	17.745	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	55962m	18.217	ug/l	
77) Bromobenzene	12.50	156	48961	18.303	ug/l	98
78) n-propylbenzene	12.57	91	209949	18.574	ug/l	99
79) 2-Chlorotoluene	12.65	91	129013	18.465	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	156599	18.988	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	19349	17.263	ug/l	97
82) 4-Chlorotoluene	12.75	91	135267	18.470	ug/l	99
83) tert-Butylbenzene	12.97	119	128764	18.627	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	159726	19.155	ug/l	100
85) sec-Butylbenzene	13.14	105	173826	18.939	ug/l	100
86) p-Isopropyltoluene	13.26	119	159102	19.040	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	87495	18.410	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	88859	17.680	ug/l	99
89) n-Butylbenzene	13.59	91	130544	17.789	ug/l	99
90) Hexachloroethane	13.85	117	27369	18.854	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	85084	18.233	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	11306	17.278	ug/l	96

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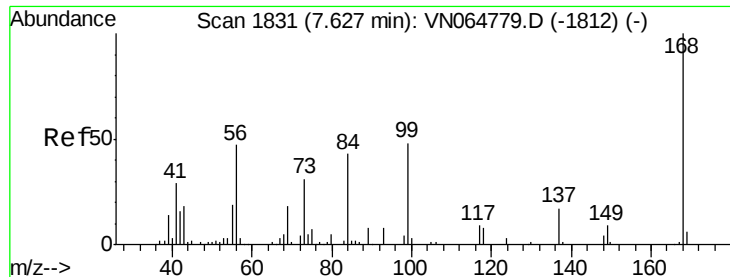
Manual Integrations
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12/2/2020 12:43:23 PM

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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)
93) 1,2,4-Trichlorobenzene	14.88	180	47479	16.447	ug/l	98
94) Hexachlorobutadiene	14.98	225	25193	19.608	ug/l	98
95) Naphthalene	15.10	128	132898	15.367	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	46089	17.725	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: VN064876.D

Acq: 1 Dec 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN1201WBS01

Tot Ion:168 Resp: 209121

Ion Ratio Lower Upper

168 100

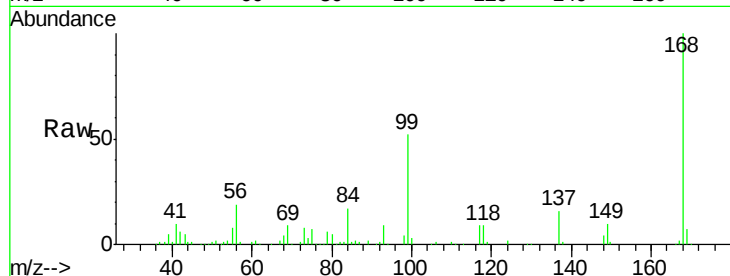
99 52.1 43.0 64.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

80000

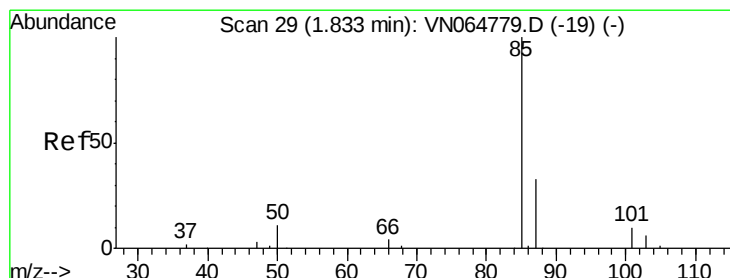
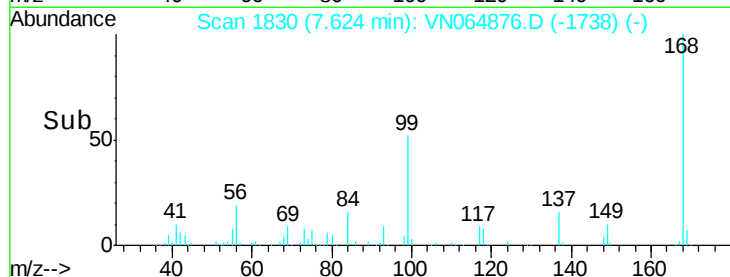
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 16.477 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064876.D

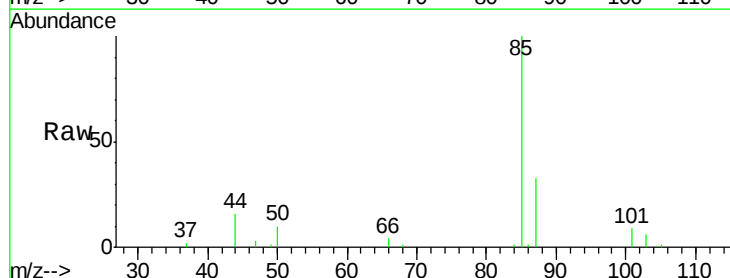
Acq: 1 Dec 2020 12:30

Tgt Ion: 85 Resp: 29863

Ion Ratio Lower Upper

85 100

87 33.1 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

25000

20000

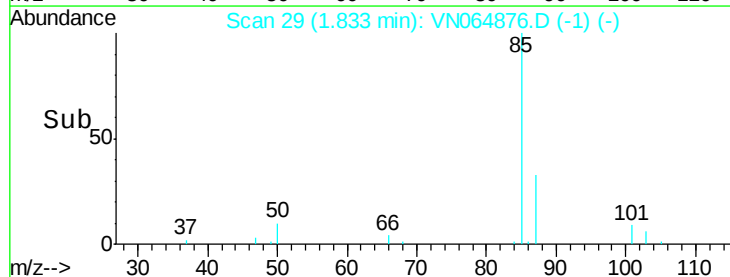
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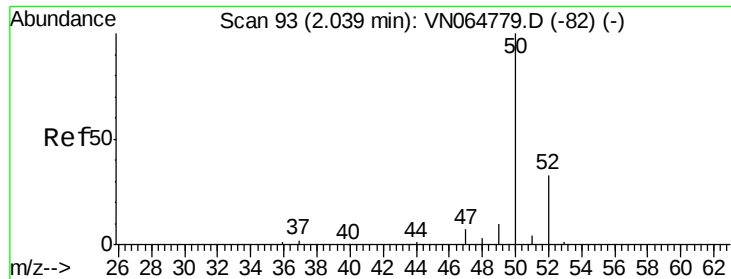
10000

5000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 15.979 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN1201WBS01

Tot Ion: 50 Resp: 37633

Ion Ratio Lower Upper

50 100

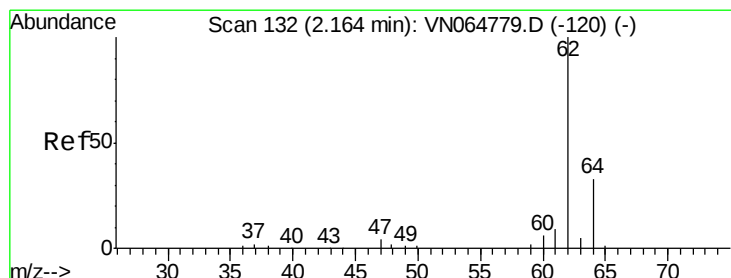
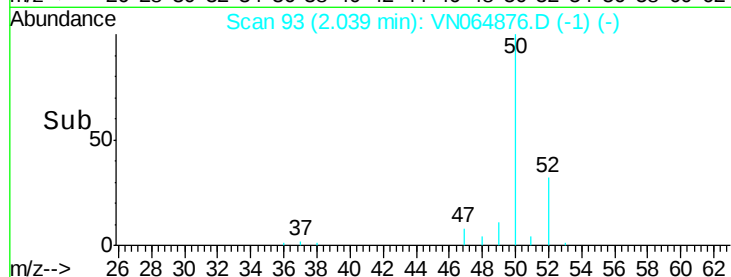
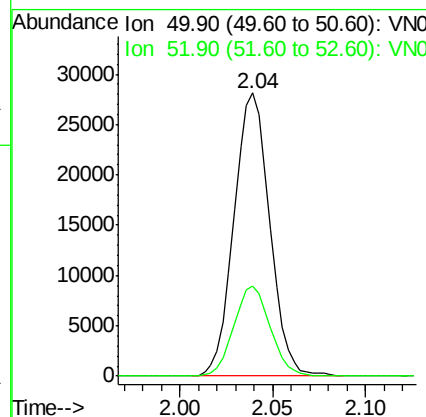
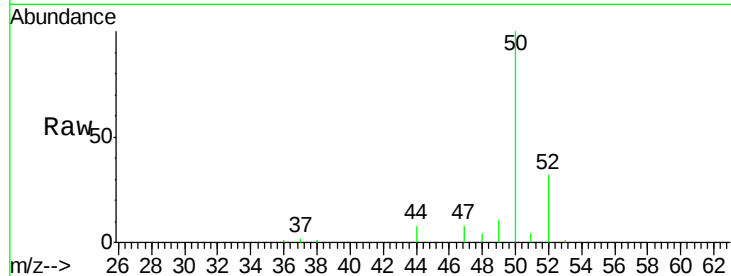
52 31.8 26.6 39.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 16.268 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064876.D

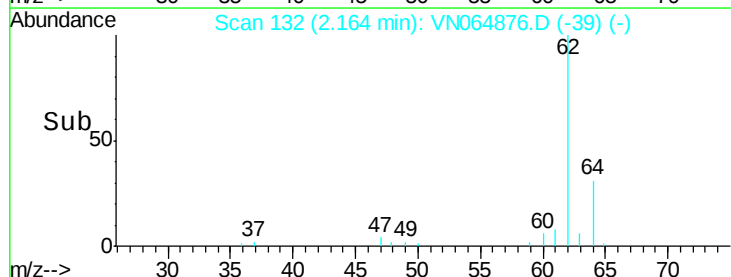
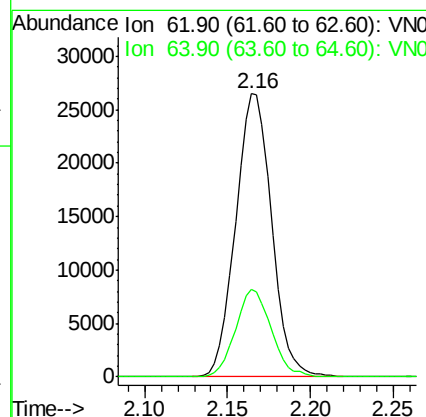
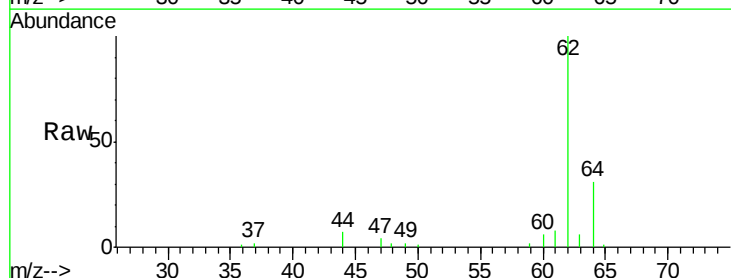
Acq: 1 Dec 2020 12:30

Tgt Ion: 62 Resp: 39945

Ion Ratio Lower Upper

62 100

64 31.1 26.5 39.7





#5

Bromomethane

Concen: 16.516 ug/l

RT: 2.53 min Scan# 245

Delta R.T. 0.00 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

Instrument :

MSVOA_N

ClientSampled :

VN1201WBS01

Tot Ion: 94 Resp: 26608

Ion Ratio Lower Upper

94 100

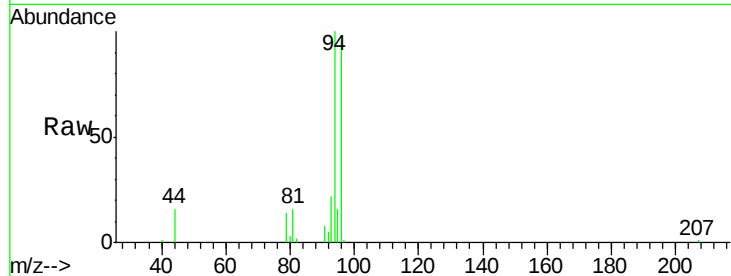
96 95.9 75.4 113.0

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

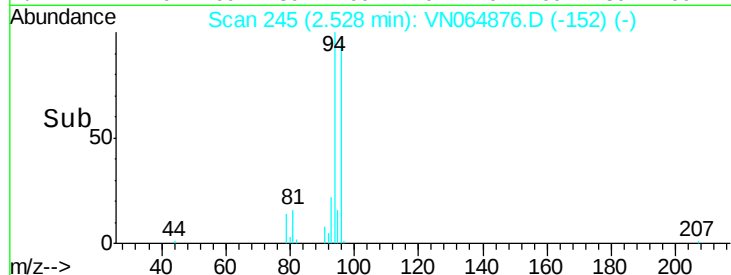
15000

10000

5000

0

Time-->



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

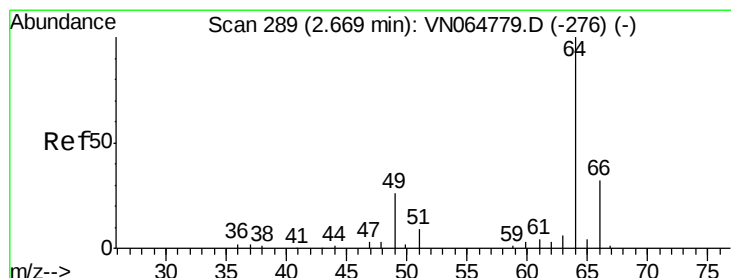
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 16.774 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN064876.D

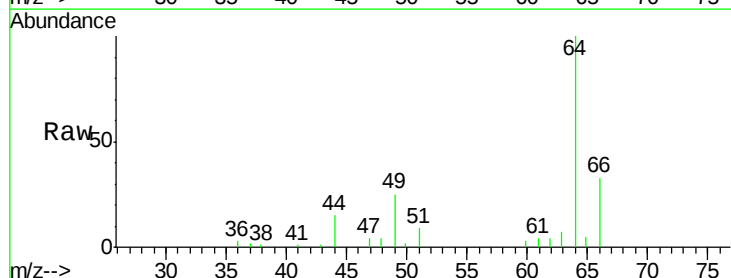
Acq: 1 Dec 2020 12:30

Tgt Ion: 64 Resp: 25475

Ion Ratio Lower Upper

64 100

66 32.8 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

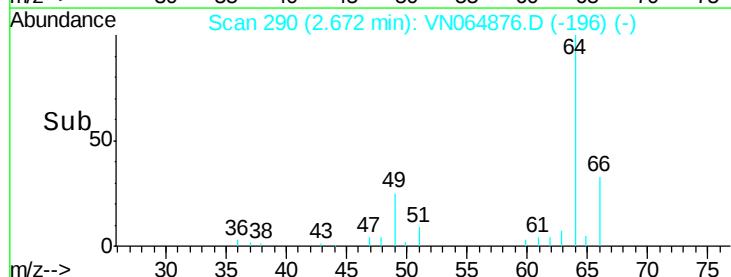
15000

10000

5000

0

Time-->



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

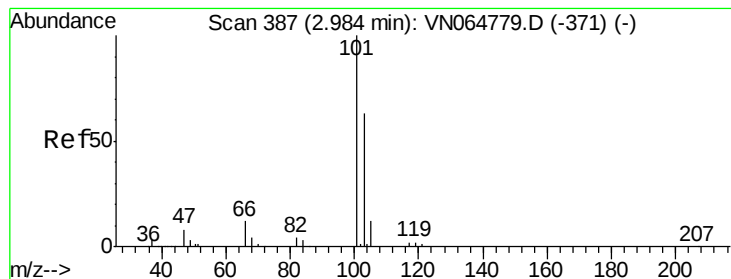
15000

10000

5000

0

Time-->



#7

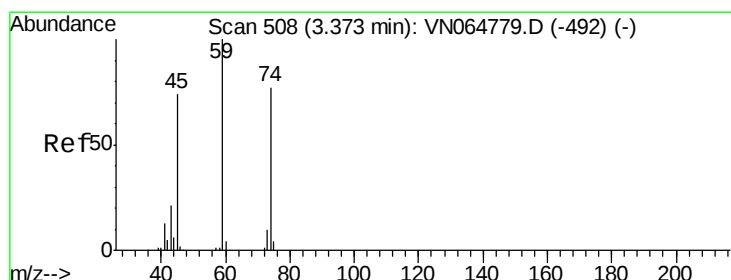
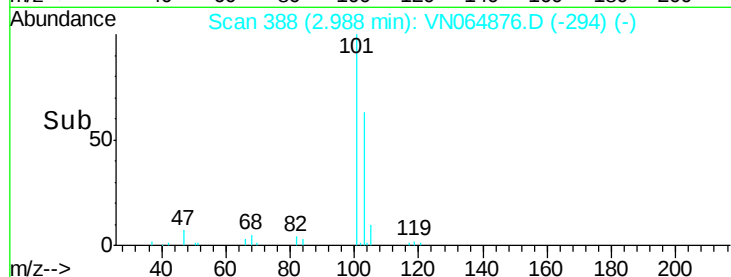
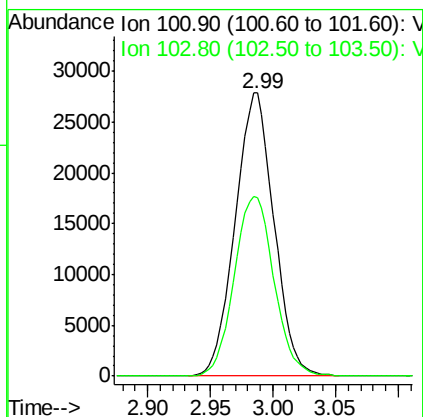
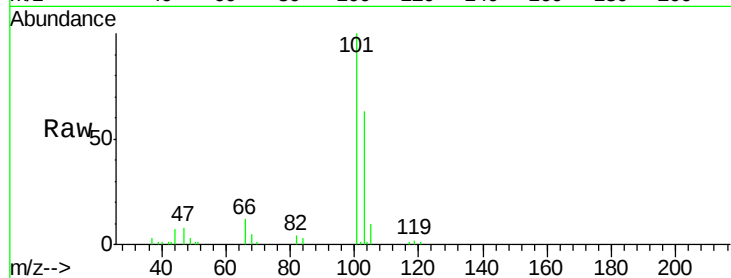
Trichlorofluoromethane
Concen: 17.647 ug/l
RT: 2.99 min Scan# 388
Delta R.T. 0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.8	50.5	75.7

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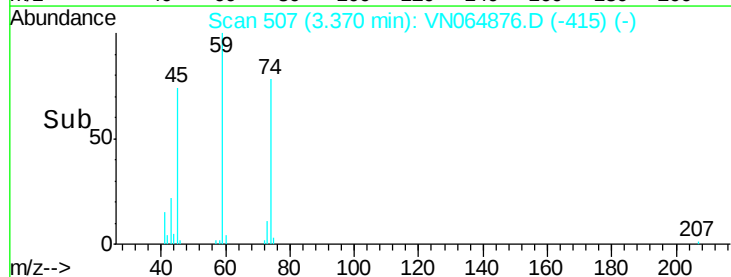
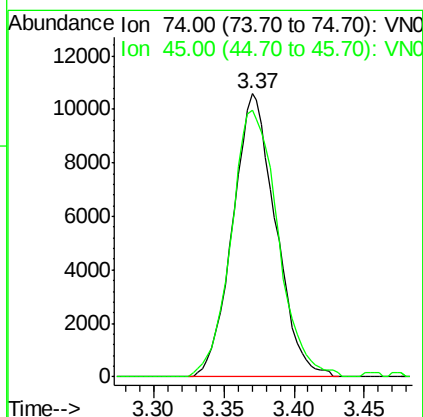
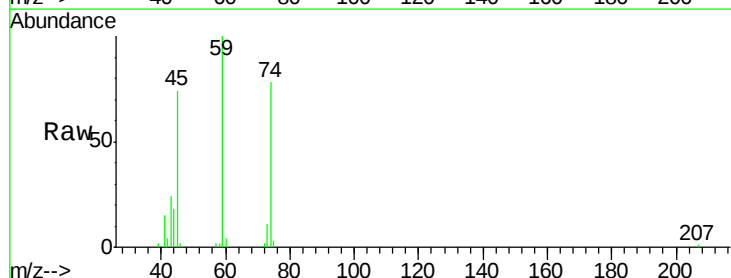
MMDadoda
12/2/2020 12:43:23 PM

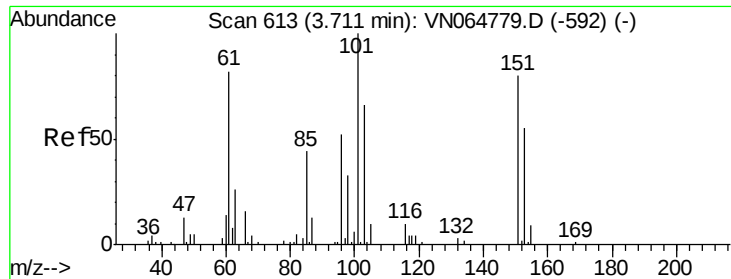


#8

Diethyl Ether
Concen: 16.805 ug/l
RT: 3.37 min Scan# 507
Delta R.T. -0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.5	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.370 ug/l

RT: 3.71 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

Instrument :

MSVOA_N

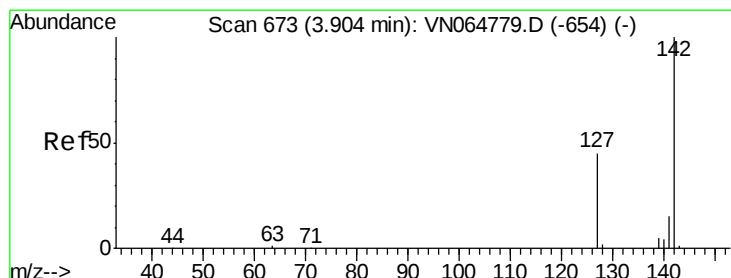
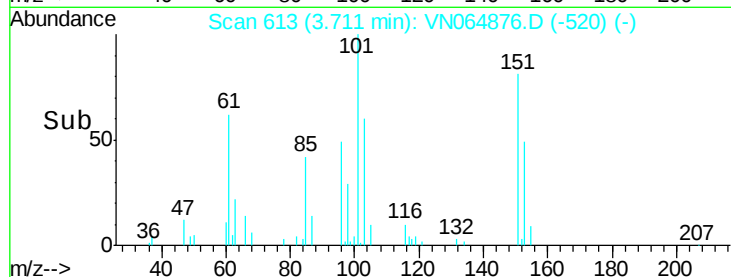
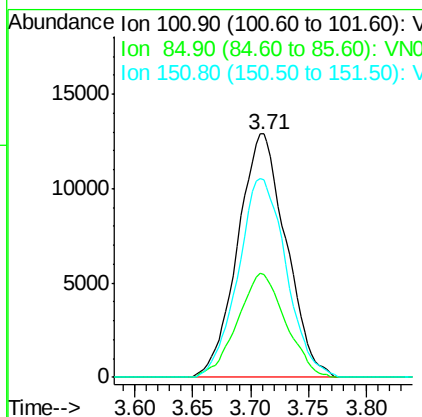
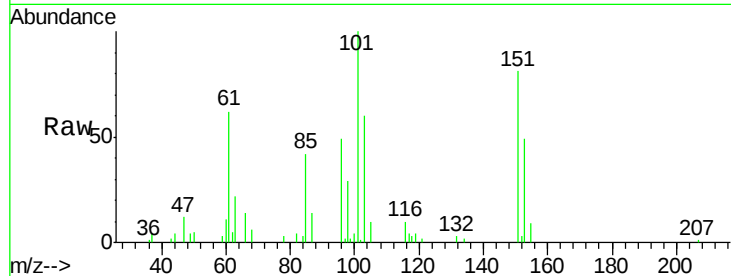
ClientSampleId :

VN1201WBS01

Tot Ion:	101	Resp:	37404
Ion Ratio	Lower	Upper	
101	100		
85	42.7	34.4	51.6
151	81.1	64.0	96.0

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12/2/2020 12:43:23 PM



#10

Methyl Iodide

Concen: 15.205 ug/l

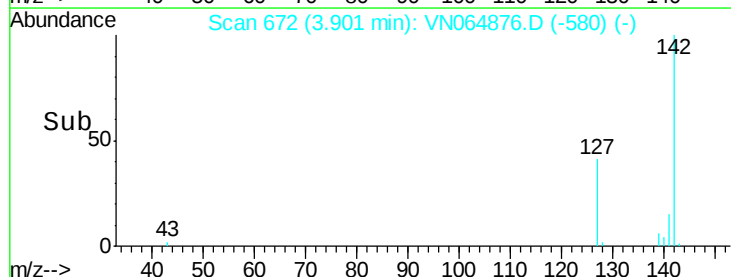
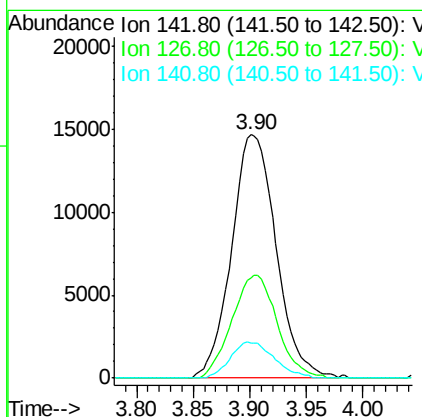
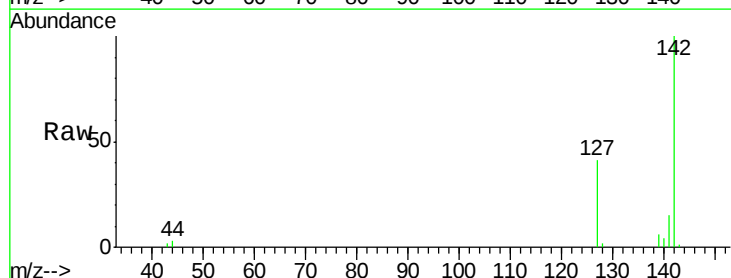
RT: 3.90 min Scan# 672

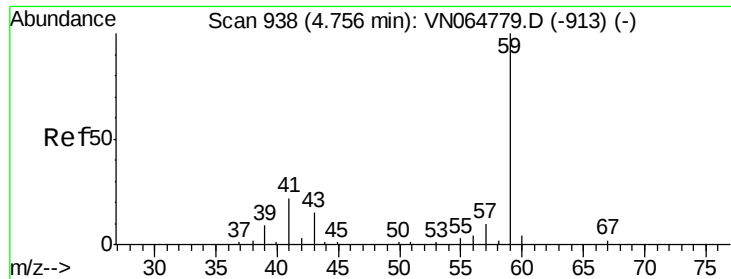
Delta R.T. -0.00 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

Tgt Ion:	142	Resp:	40157
Ion Ratio	Lower	Upper	
142	100		
127	43.0	35.0	52.6
141	14.7	11.8	17.6





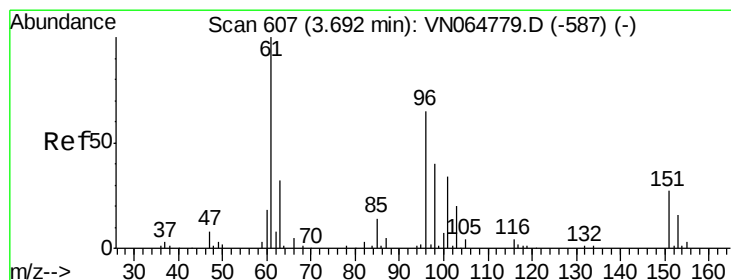
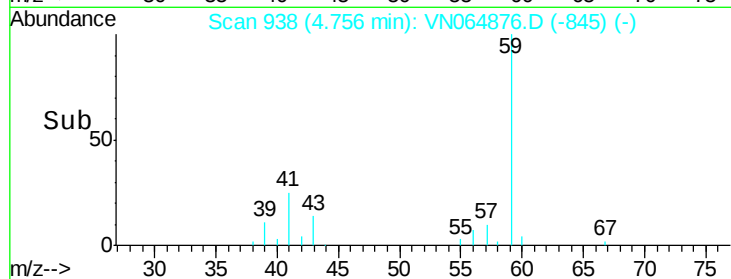
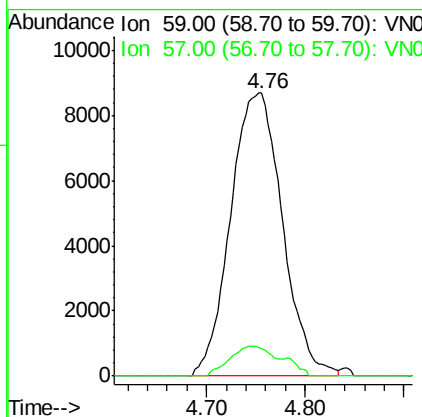
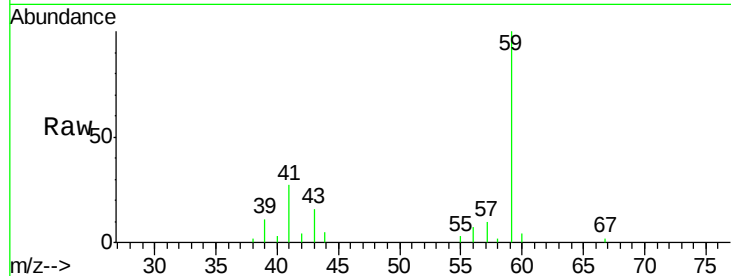
#11
Tert butyl alcohol
Concen: 83.501 ug/l
RT: 4.76 min Scan# 938
Delta R.T. 0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBS01

Tot Ion: 59 Resp: 31659
Ion Ratio Lower Upper
59 100
57 8.7 7.9 11.9

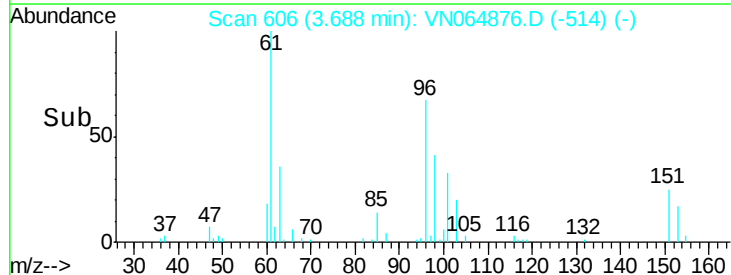
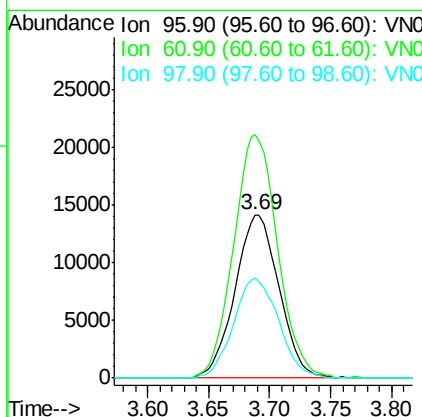
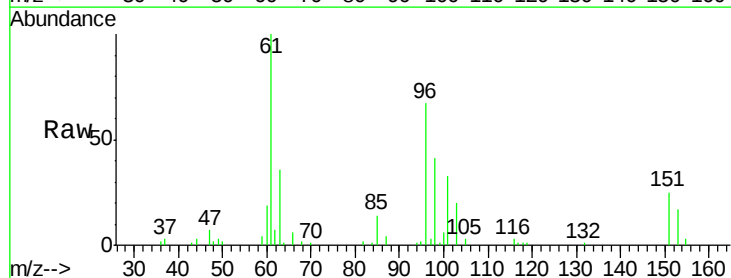
Manual Integrations
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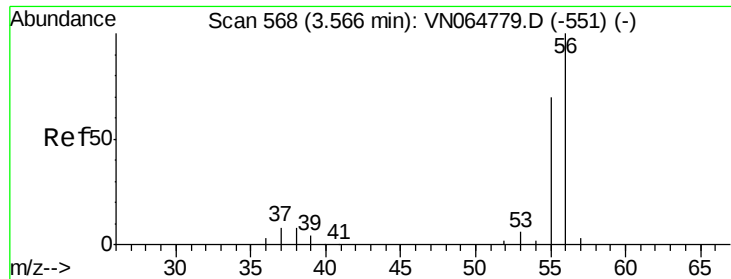
MMDadoda
12/2/2020 12:43:23 PM



#12
1,1-Dichloroethene
Concen: 17.416 ug/l
RT: 3.69 min Scan# 606
Delta R.T. -0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

Tgt Ion: 96 Resp: 35317
Ion Ratio Lower Upper
96 100
61 149.4 123.4 185.2
98 61.2 49.8 74.8





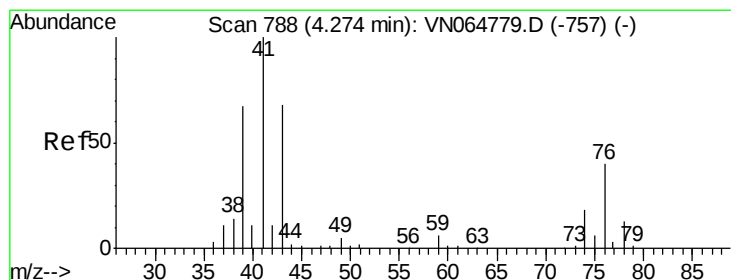
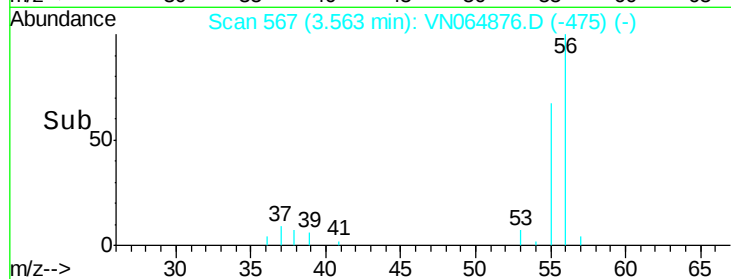
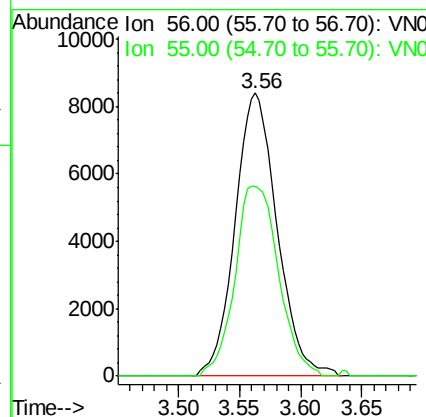
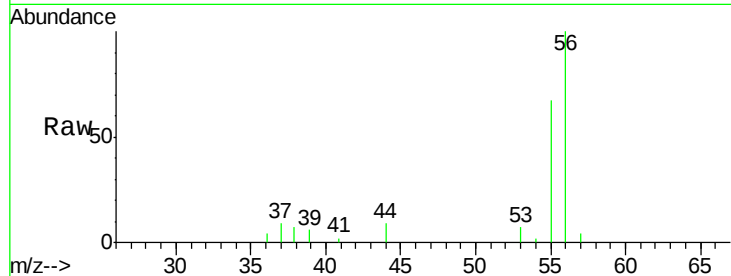
#13
 Acrolein
 Concen: 86.675 ug/l
 RT: 3.56 min Scan# 567
 Delta R.T. -0.00 min
 Lab File: VN064876.D
 Acq: 1 Dec 2020 12:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1201WBS01

Tot Ion: 56 Resp: 20073
 Ion Ratio Lower Upper
 56 100
 55 69.5 56.5 84.7

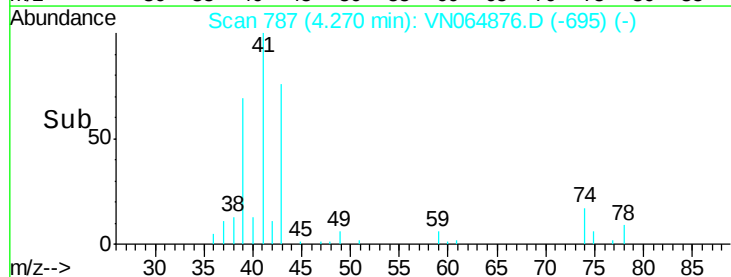
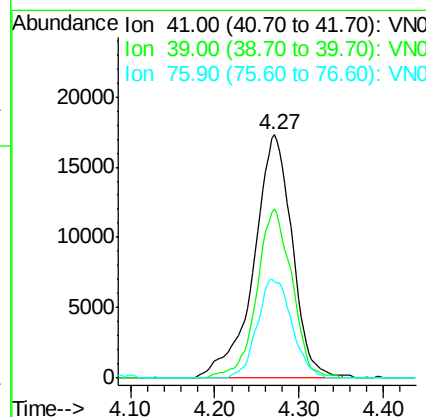
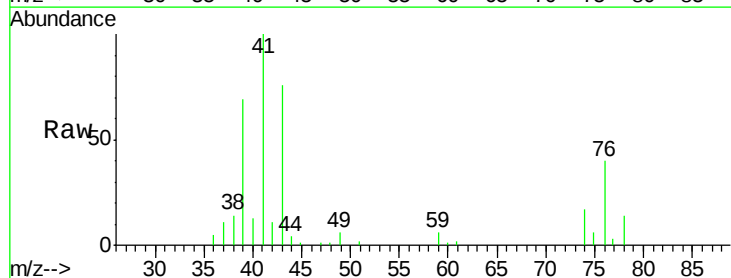
Manual Integrations
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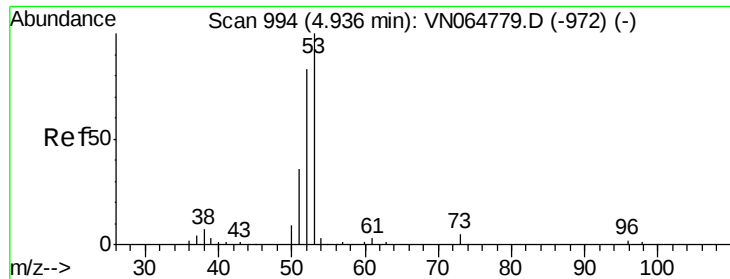
MMDadoda
 12/2/2020 12:43:23 PM



#14
 Allyl chloride
 Concen: 16.391 ug/l
 RT: 4.27 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: VN064876.D
 Acq: 1 Dec 2020 12:30

Tgt Ion: 41 Resp: 54821
 Ion Ratio Lower Upper
 41 100
 39 63.5 50.9 76.3
 76 36.6 29.0 43.4





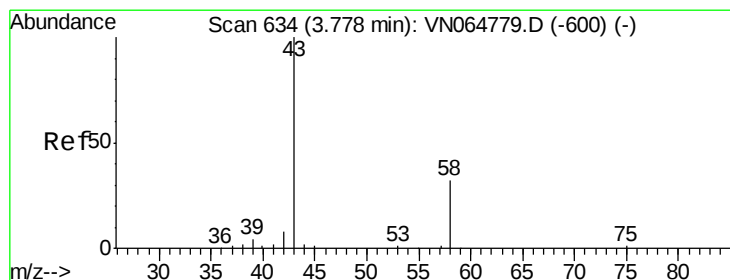
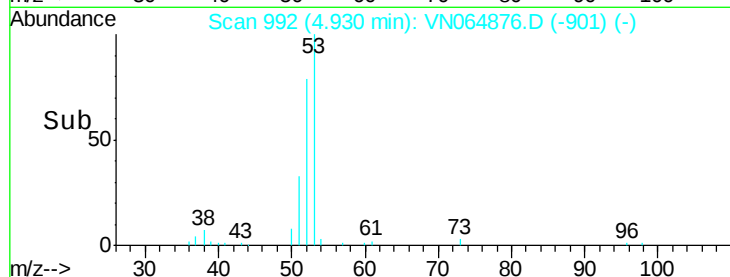
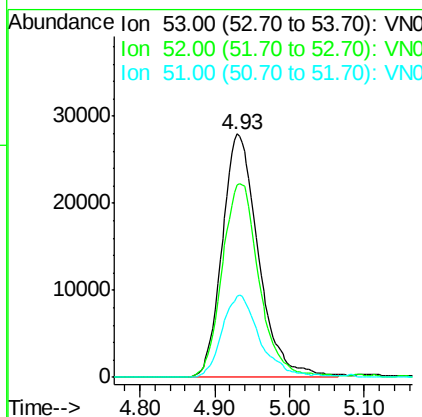
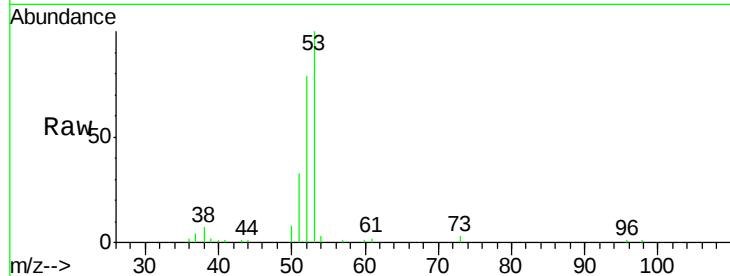
#15
 Acrylonitrile
 Concen: 89.773 ug/l
 RT: 4.93 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: VN064876.D
 Acq: 1 Dec 2020 12:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1201WBS01

Tot Ion	Ratio	Lower	Upper
53	100		
52	80.5	65.5	98.3
51	34.9	28.6	43.0

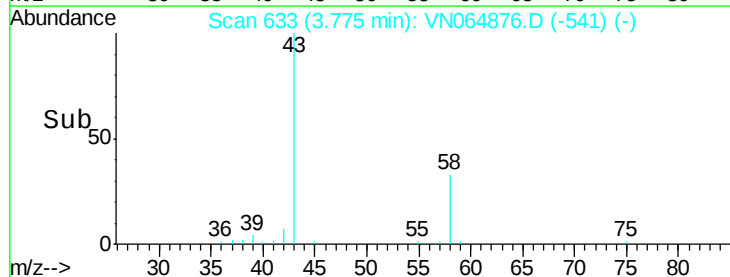
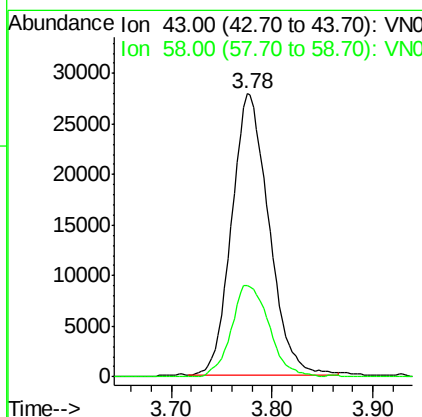
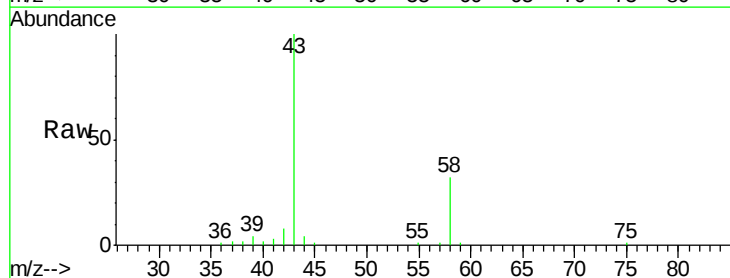
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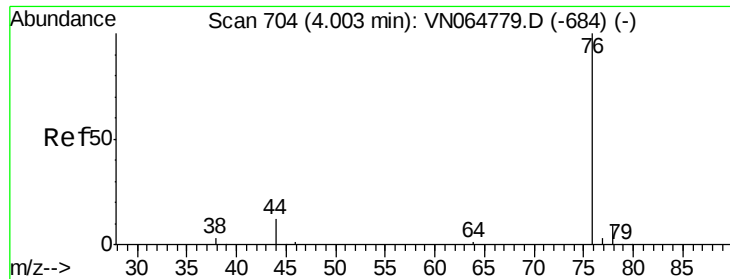
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#16
 Acetone
 Concen: 89.428 ug/l
 RT: 3.78 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: VN064876.D
 Acq: 1 Dec 2020 12:30

Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.6	25.7	38.5





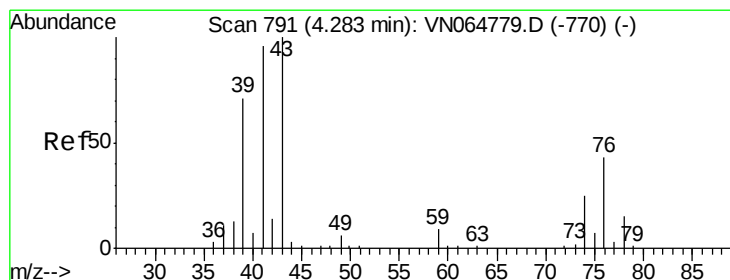
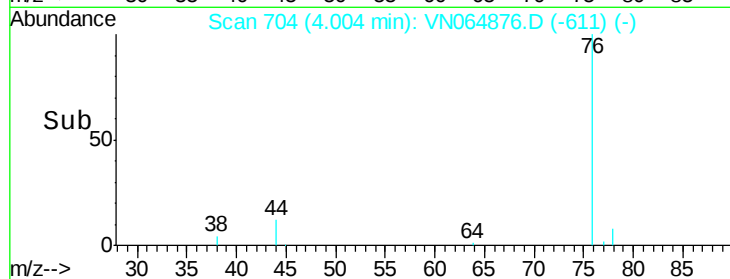
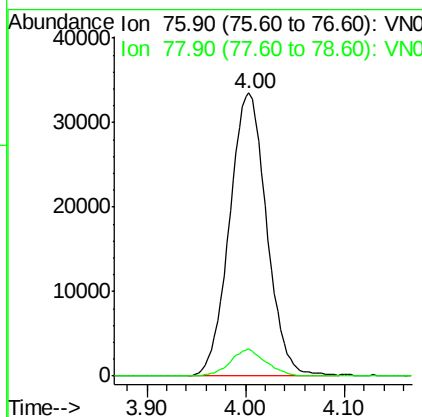
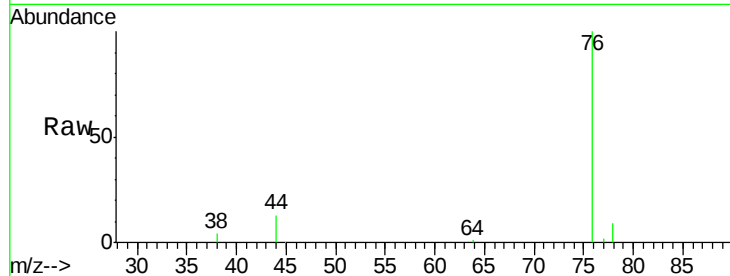
#17
Carbon Disulfide
Concen: 16.766 ug/l
RT: 4.00 min Scan# 704
Delta R.T. 0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBS01

Tot Ion: 76 Resp: 87766
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0

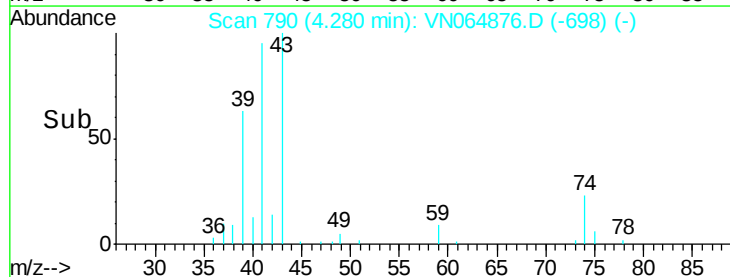
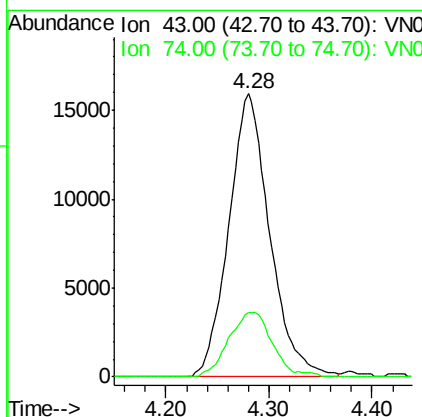
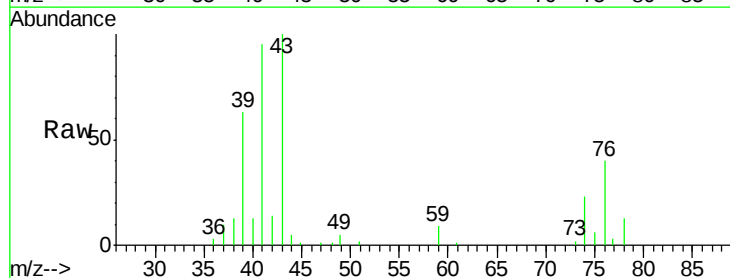
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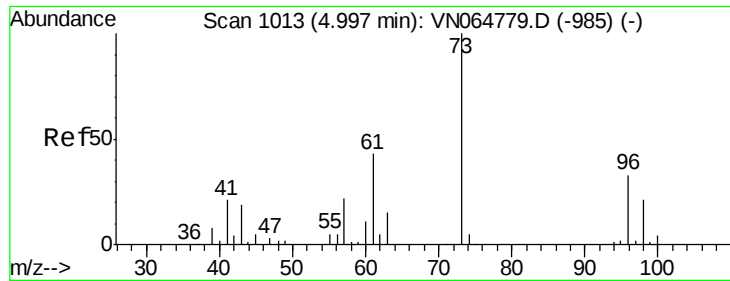
MMDadoda
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#18
Methyl Acetate
Concen: 18.291 ug/l
RT: 4.28 min Scan# 790
Delta R.T. -0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

Tgt Ion: 43 Resp: 43949
Ion Ratio Lower Upper
43 100
74 24.4 20.2 30.2





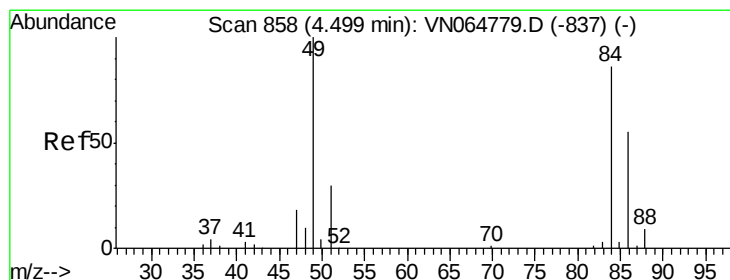
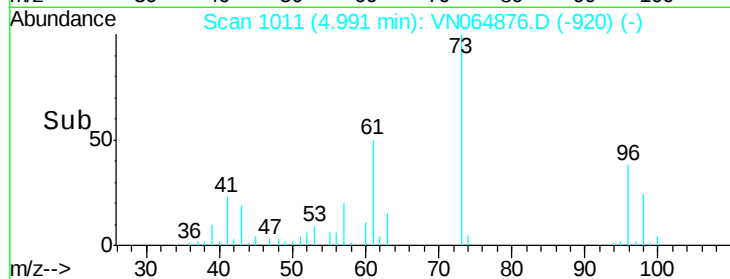
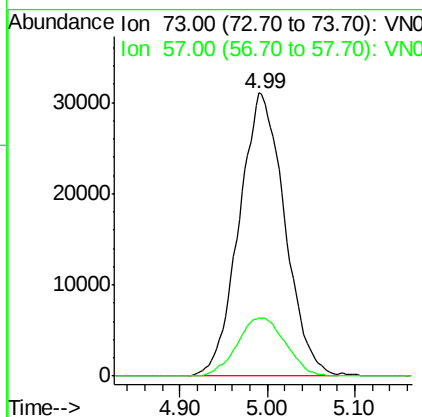
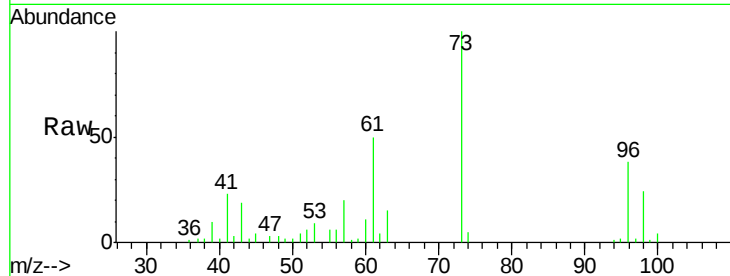
#19
Methvl tert-butvl Ether
Concen: 17.267 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBS01

Tot Ion: 73 Resp: 112301
Ion Ratio Lower Upper
73 100
57 20.4 17.4 26.0

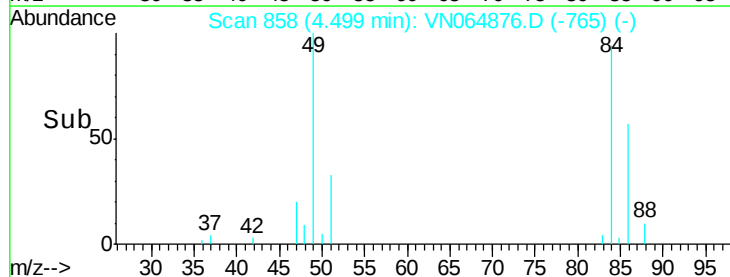
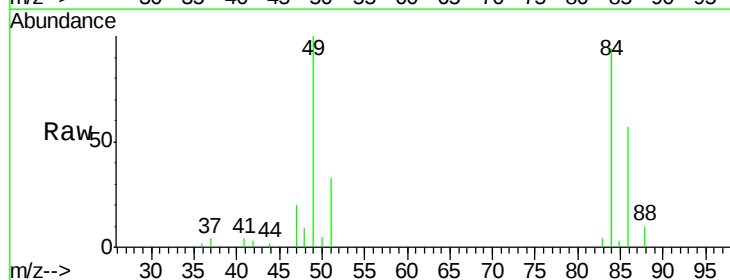
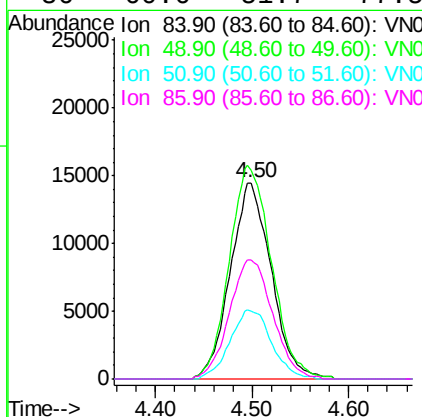
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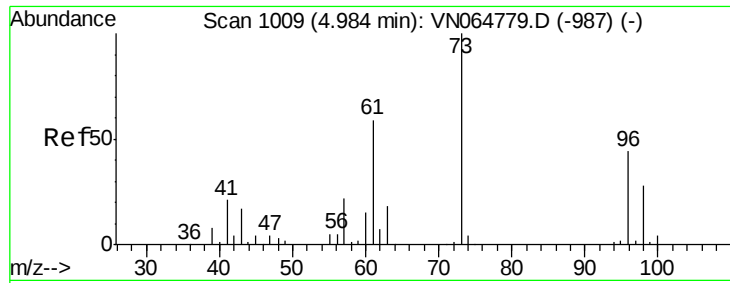
MMDadoda
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#20
Methylene Chloride
Concen: 16.990 ug/l
RT: 4.50 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

Tgt Ion: 84 Resp: 42548
Ion Ratio Lower Upper
84 100
49 106.5 93.4 140.0
51 34.9 28.2 42.4
86 60.6 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 17.013 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

Instrument :

MSVOA_N

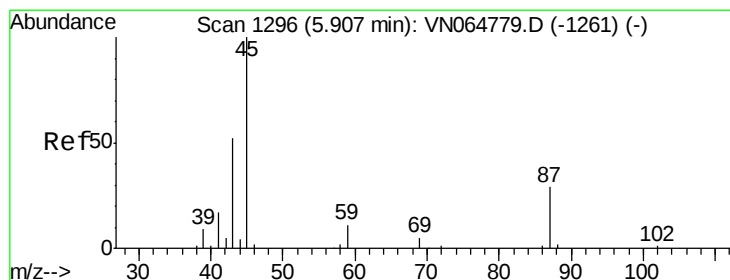
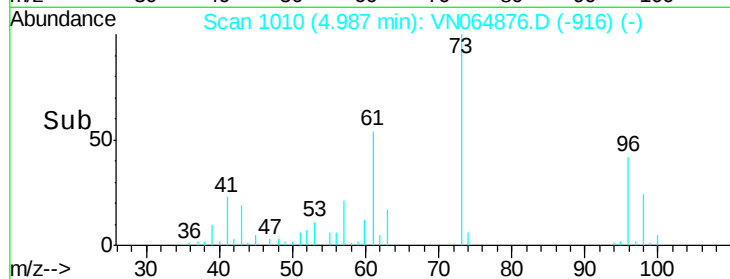
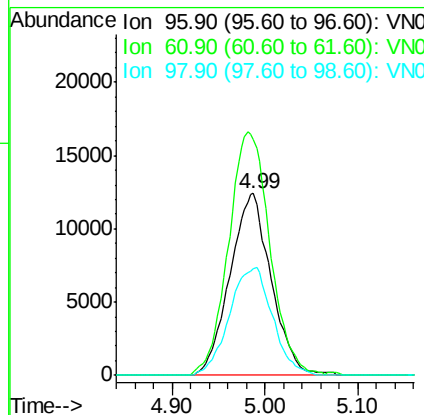
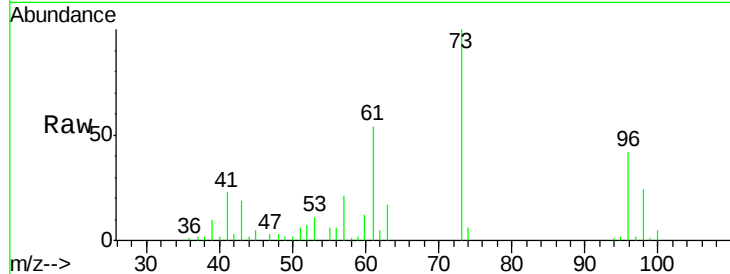
ClientSampleId :

VN1201WBS01

Tot Ion:	96	Resp:	38313
Ion	Ratio	Lower	Upper
96	100		
61	129.5	108.4	162.6
98	58.6	51.3	76.9

Manual Integrations
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#22

Diisopropyl ether

Concen: 18.359 ug/l

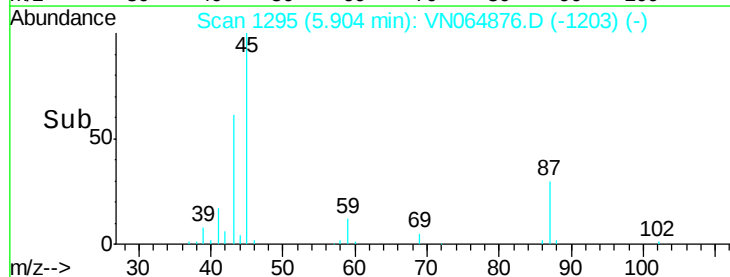
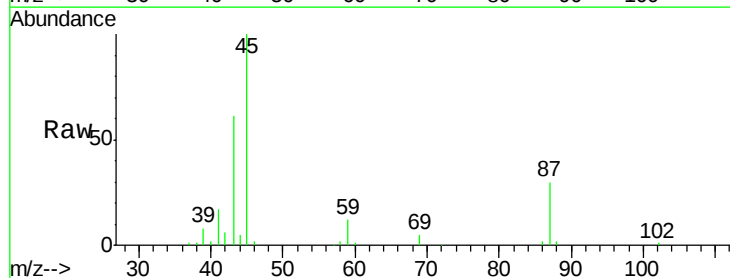
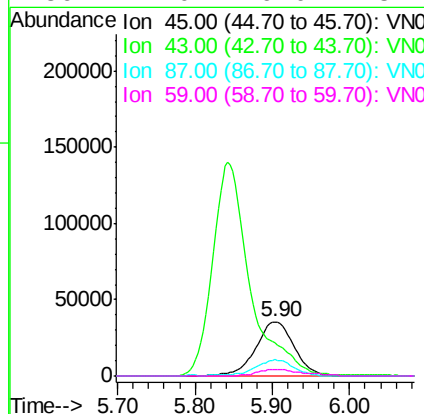
RT: 5.90 min Scan# 1295

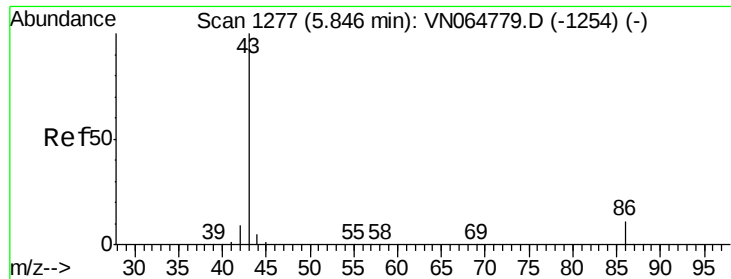
Delta R.T. -0.00 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

Tgt Ion:	45	Resp:	122901
Ion	Ratio	Lower	Upper
45	100		
43	58.7	46.2	69.2
87	29.6	24.1	36.1
59	12.0	9.0	13.4





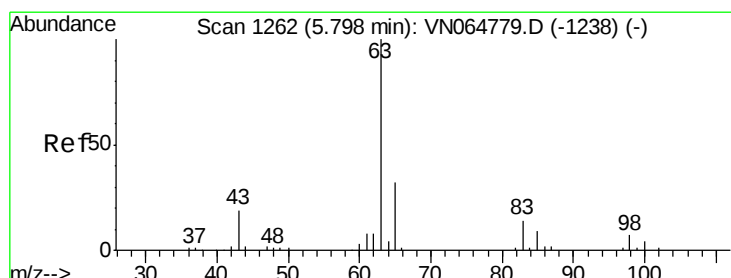
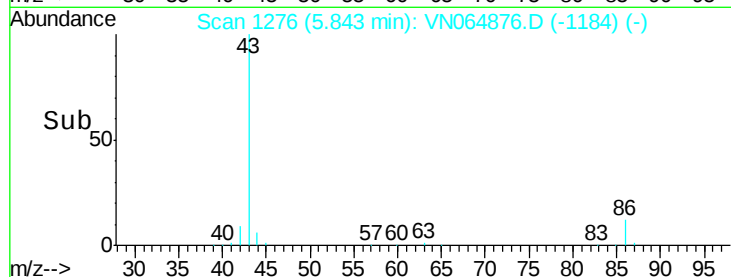
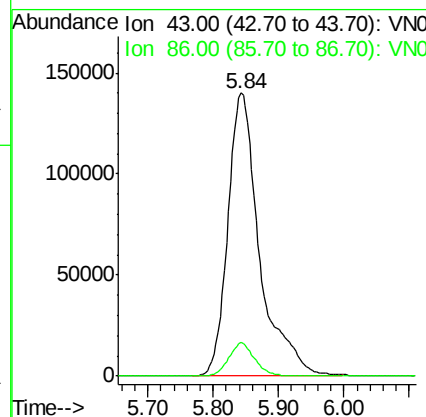
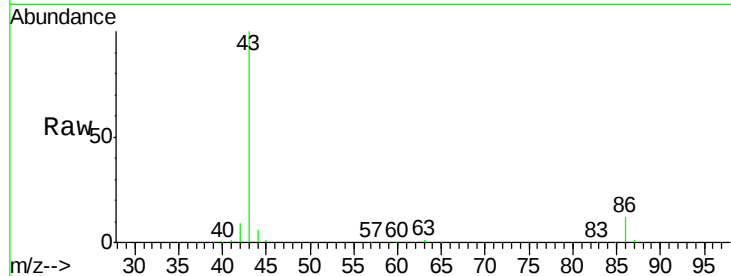
#23
 Vinyl Acetate
 Concen: 88.398 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN064876.D
 Acq: 1 Dec 2020 12:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1201WBS01

Tot Ion: 43 Resp: 473231
 Ion Ratio Lower Upper
 43 100
 86 11.8 8.9 13.3

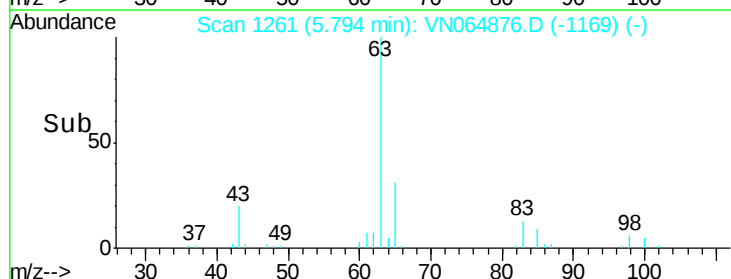
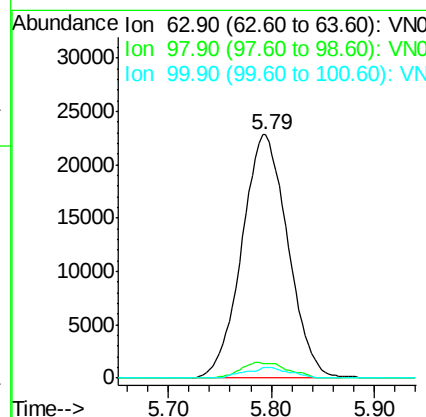
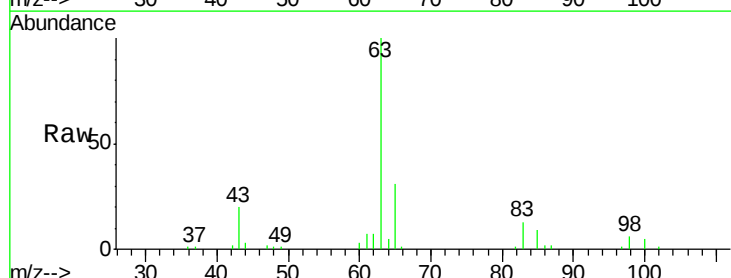
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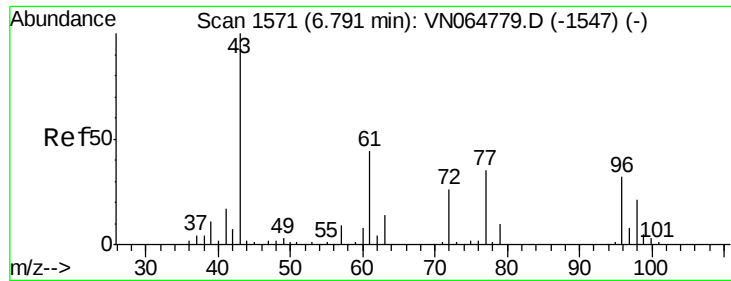
MMDadoda
 12/2/2020 12:43:23 PM



#24
 1,1-Dichloroethane
 Concen: 17.704 ug/l
 RT: 5.79 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VN064876.D
 Acq: 1 Dec 2020 12:30

Tgt Ion: 63 Resp: 70830
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.5 10.5
 100 4.5 2.3 6.8





#25

2-Butanone

Concen: 88.552 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN1201WBS01

Tot Ion: 43 Resp: 114722

Ion Ratio Lower Upper

43 100

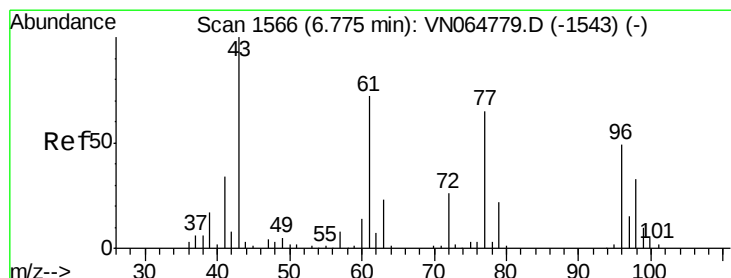
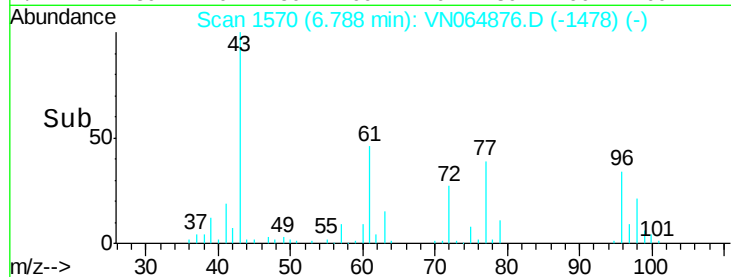
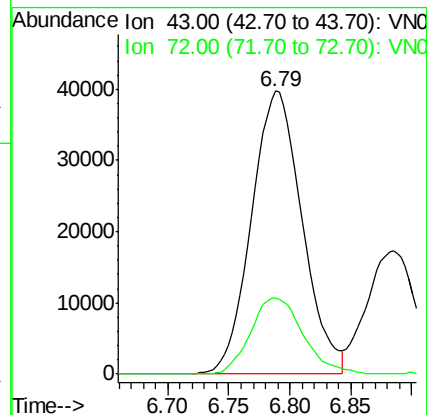
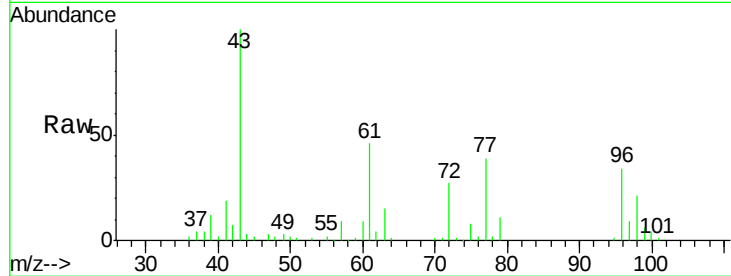
72 27.0 21.0 31.6

Manual Integrations

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MMDadoda

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#26

2,2-Dichloropropane

Concen: 17.185 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN064876.D

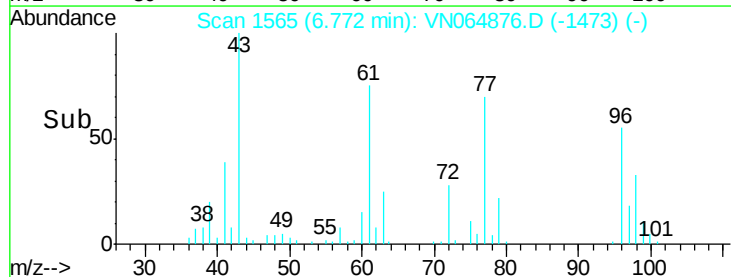
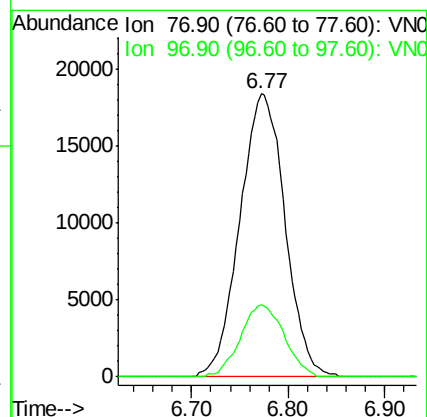
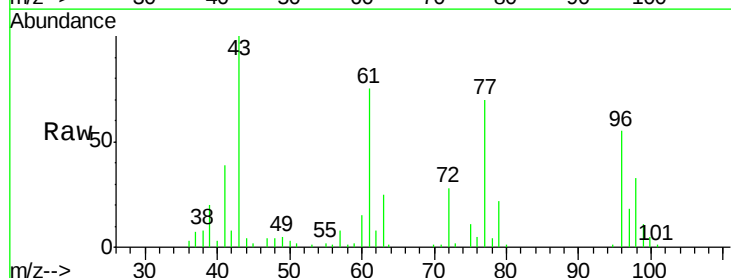
Acq: 1 Dec 2020 12:30

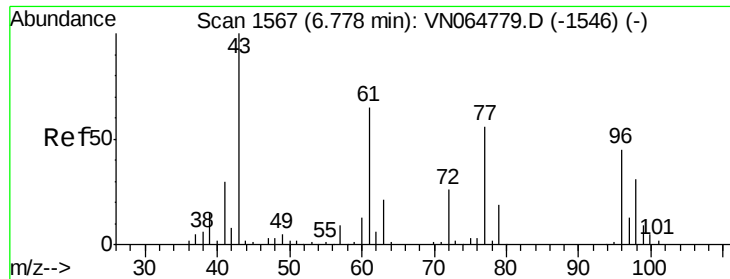
Tgt Ion: 77 Resp: 59632

Ion Ratio Lower Upper

77 100

97 24.8 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 17.656 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

Instrument :

MSVOA_N

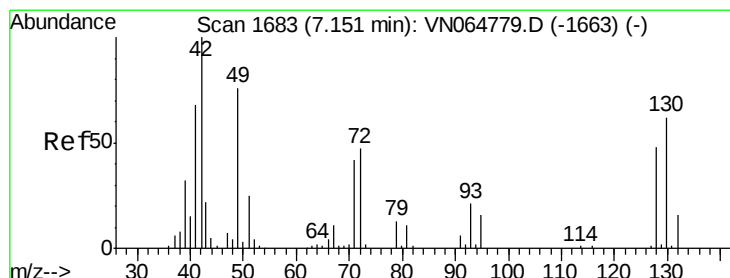
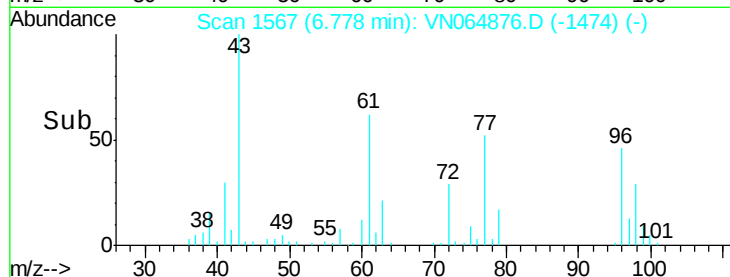
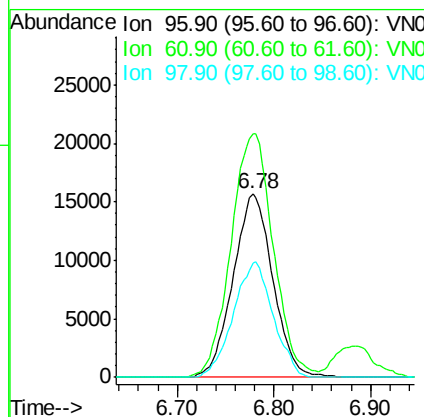
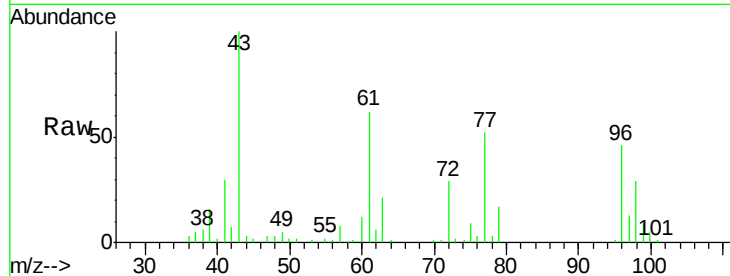
ClientSampleId :

VN1201WBS01

Tot Ion:	96	Resp:	44740
Ion	Ratio	Lower	Upper
96	100		
61	141.3	0.0	285.8
98	62.9	0.0	130.6

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#28

Bromochloromethane

Concen: 17.442 ug/l

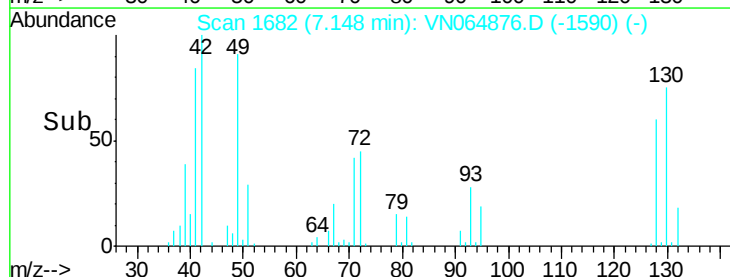
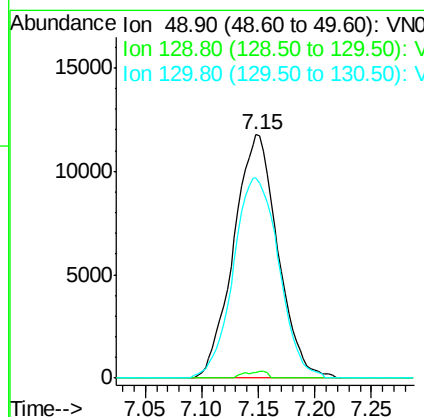
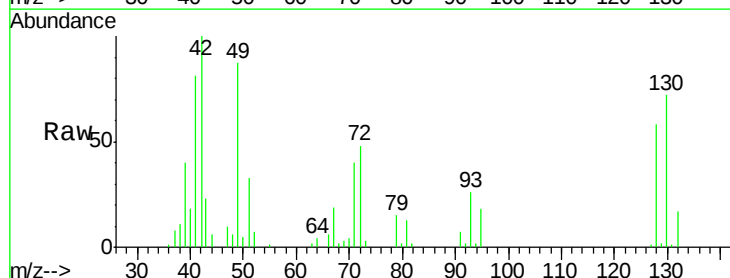
RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

Tgt Ion:	49	Resp:	31924
Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	3.8
130	85.0	66.2	99.2





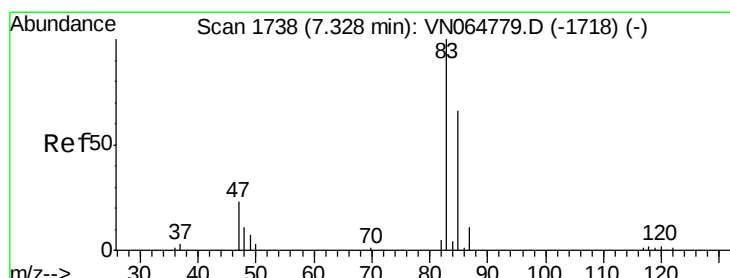
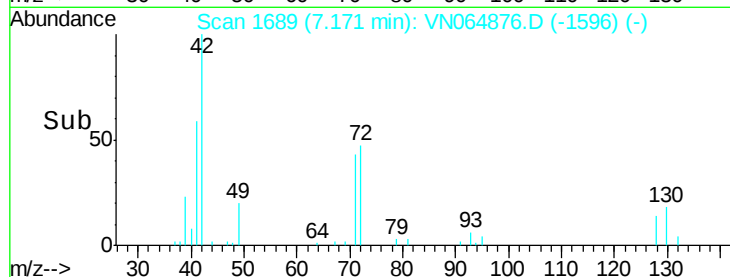
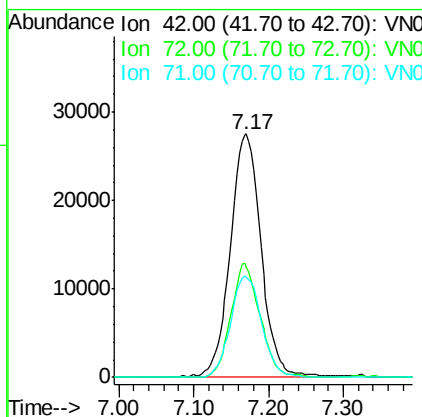
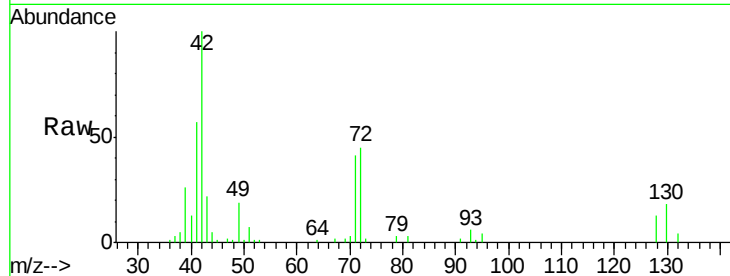
#29
Tetrahydrofuran
Concen: 88.501 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

Instrument :
MSVOA_N
ClientSampled :
VN1201WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.7	36.6	54.8
71	41.7	33.6	50.4

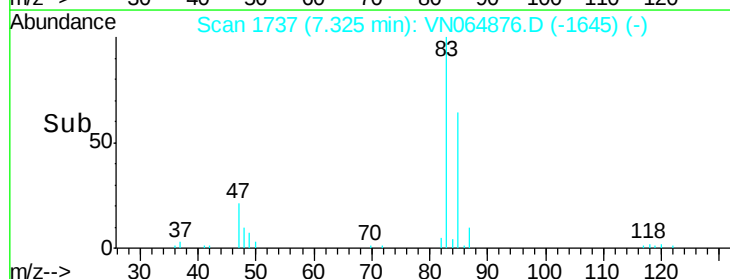
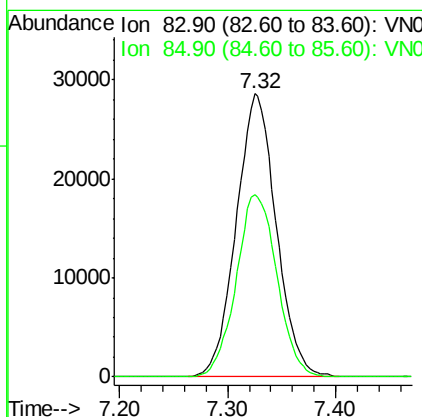
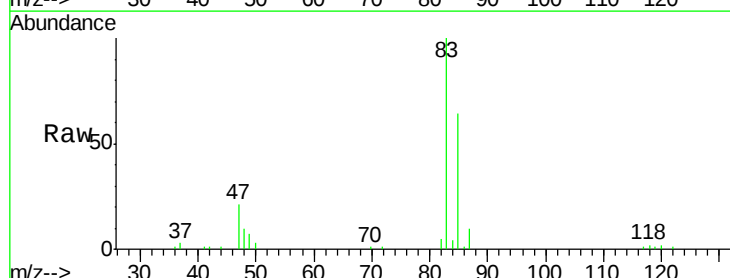
Manual Integrations
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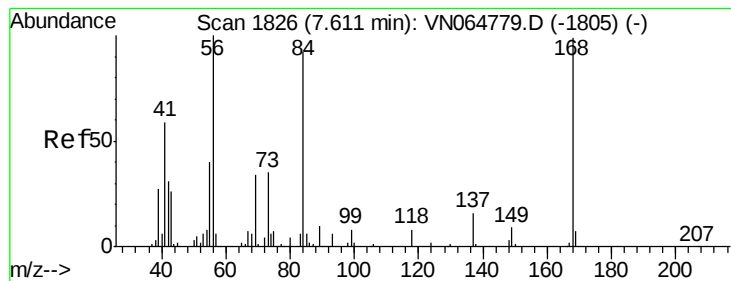
MMDadoda
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#30
Chloroform
Concen: 17.843 ug/l
RT: 7.32 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.6	78.8





#31

Cyclohexane

Concen: 17.003 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

Instrument :

MSVOA_N

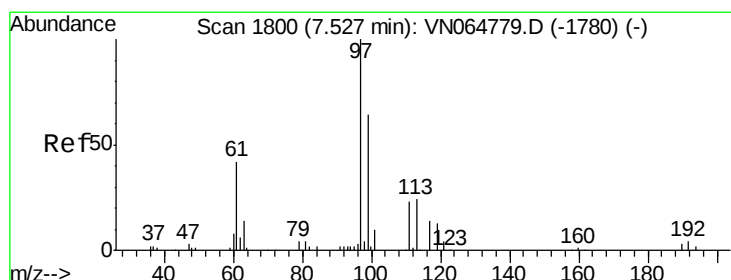
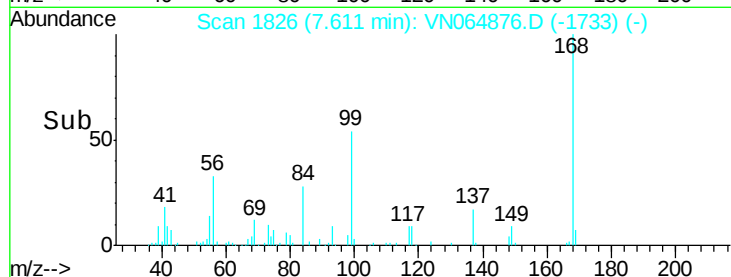
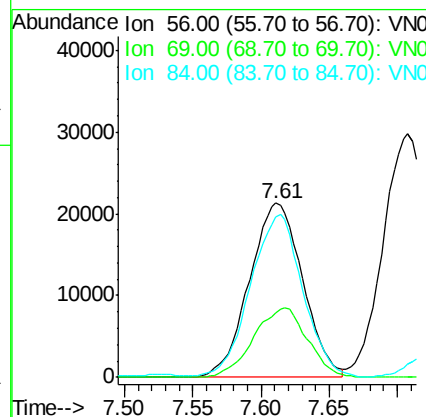
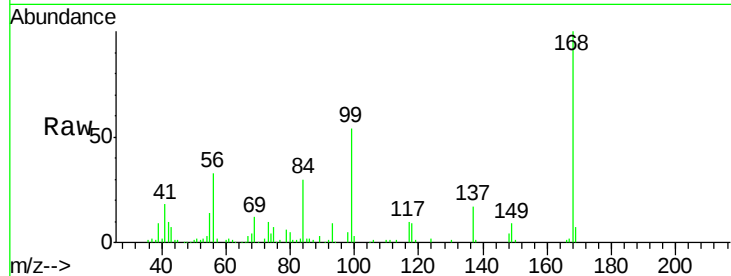
ClientSampleId :

VN1201WBS01

Tot Ion:	56	Resp:	57614
Ion Ratio	Lower	Upper	
56	100		
69	36.8	27.5	41.3
84	90.8	73.9	110.9

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#32

1,1,1-Trichloroethane

Concen: 17.523 ug/l

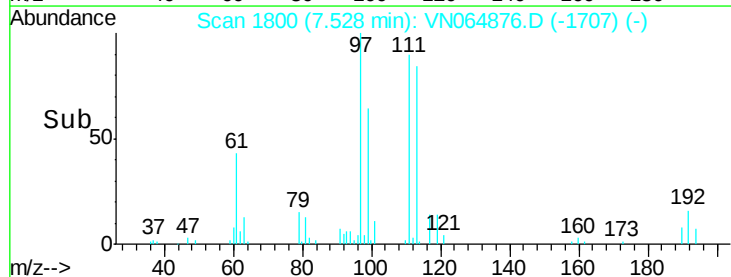
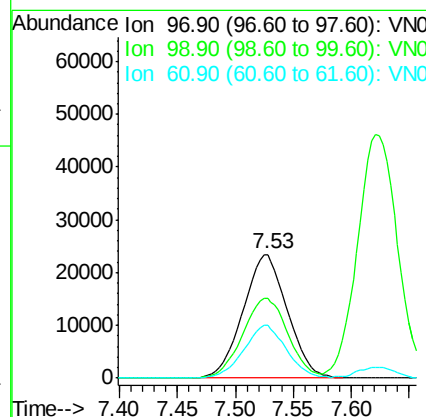
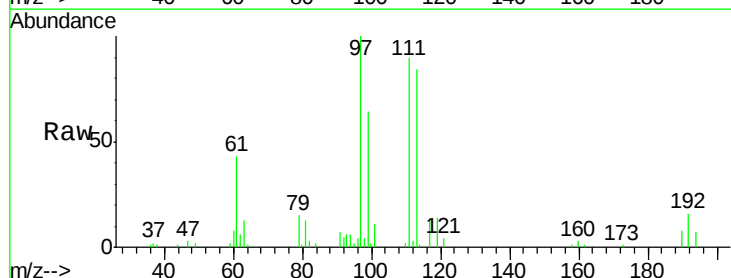
RT: 7.53 min Scan# 1800

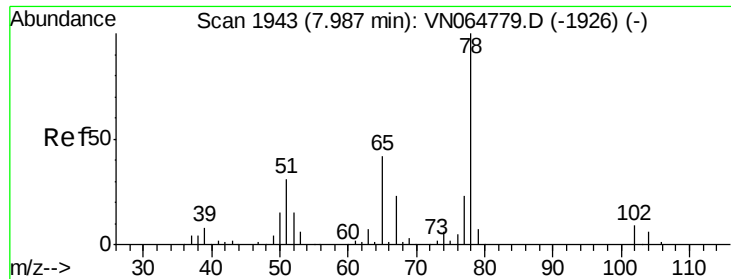
Delta R.T. 0.00 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

Tgt Ion:	97	Resp:	62093
Ion Ratio	Lower	Upper	
97	100		
99	65.9	51.7	77.5
61	41.0	33.9	50.9





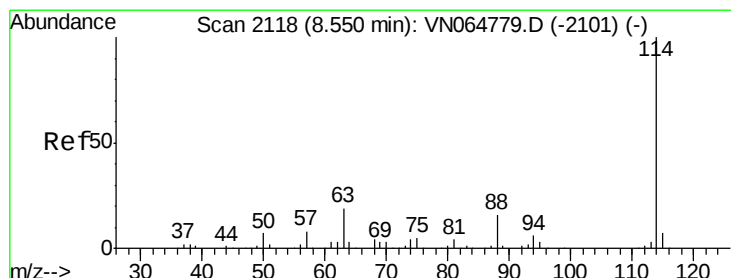
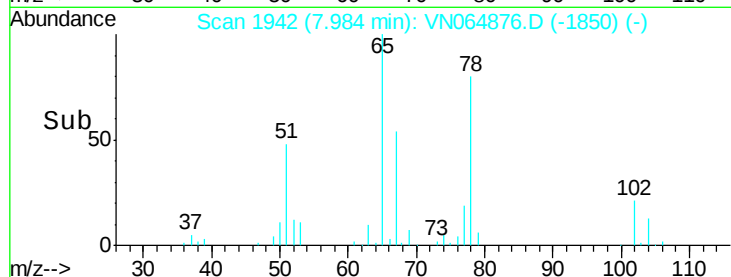
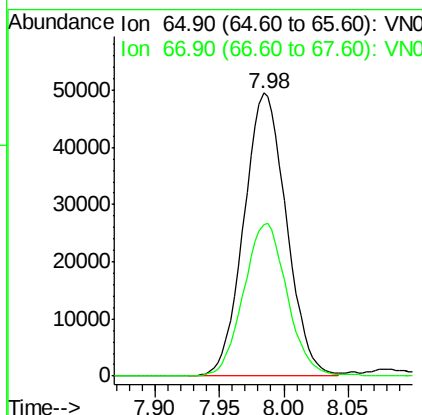
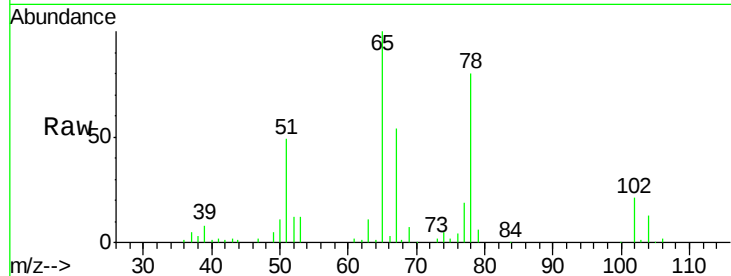
#33
 1,2-Dichloroethane-d4
 Concen: 46.934 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN064876.D
 Acq: 1 Dec 2020 12:30

Instrument :
 MSVOA_N
 ClientSampled :
 VN1201WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	114105		
67	55.1	0.0	108.2	

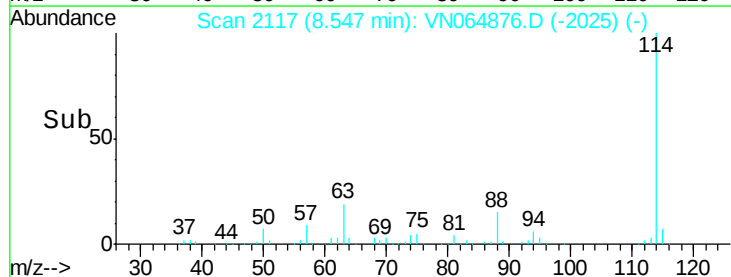
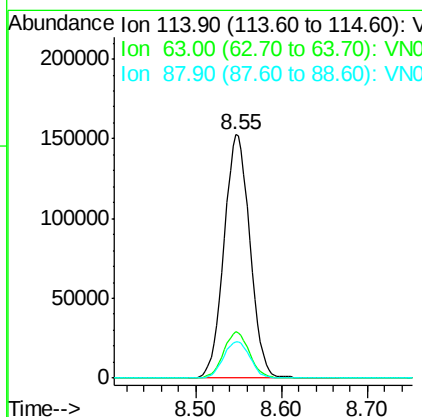
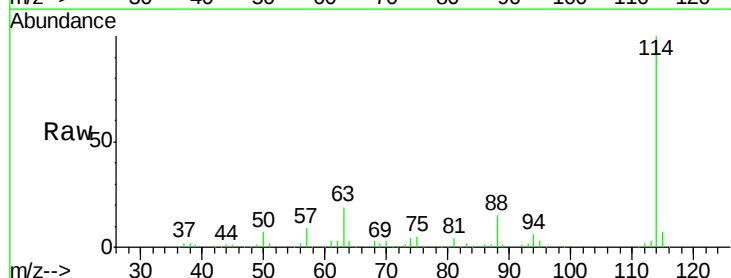
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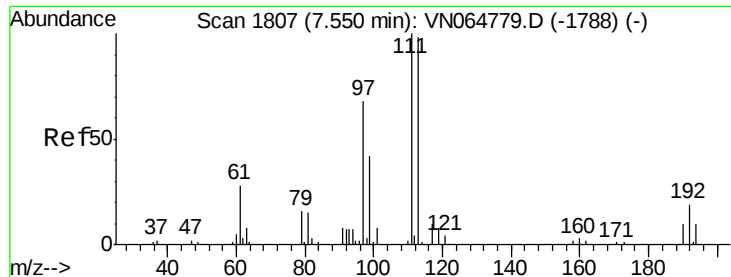
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064876.D
 Acq: 1 Dec 2020 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	319796		
63	18.9	0.0	38.6	
88	15.0	0.0	32.6	





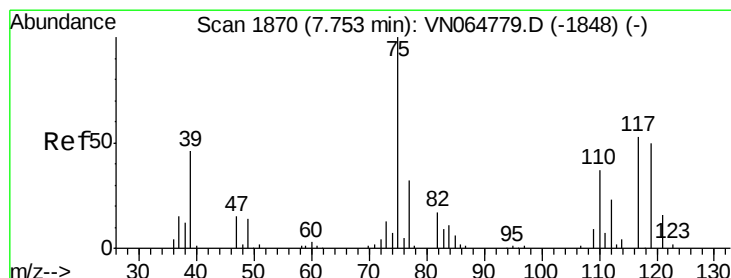
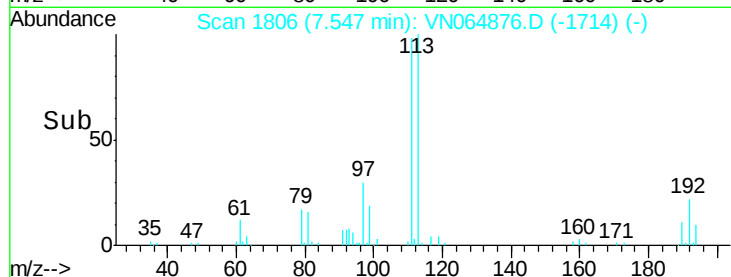
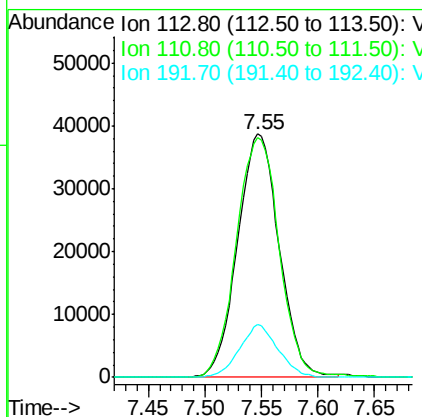
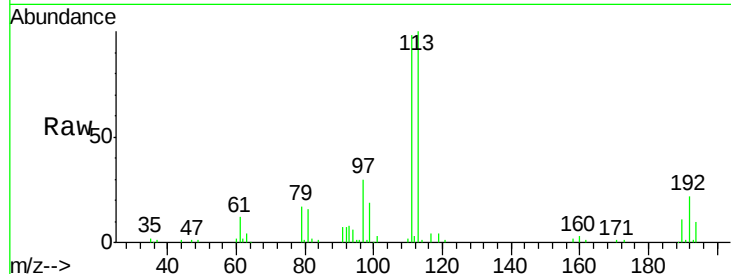
#35
Dibromofluoromethane
Concen: 51.713 ug/l
RT: 7.55 min Scan# 1806
Delta R.T. -0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	98955		
111	101.3		81.6	122.4
192	19.9		16.2	24.2

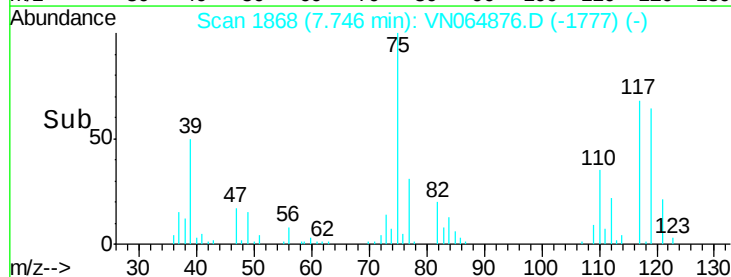
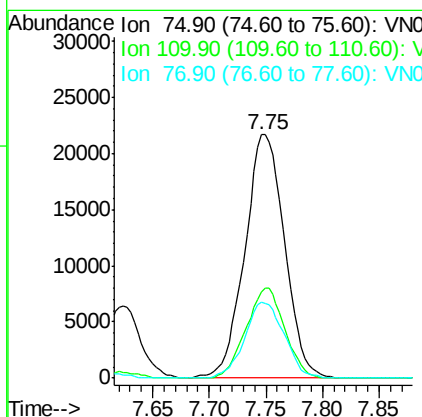
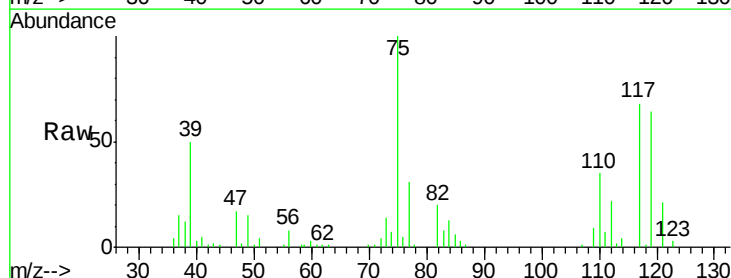
Manual Integrations
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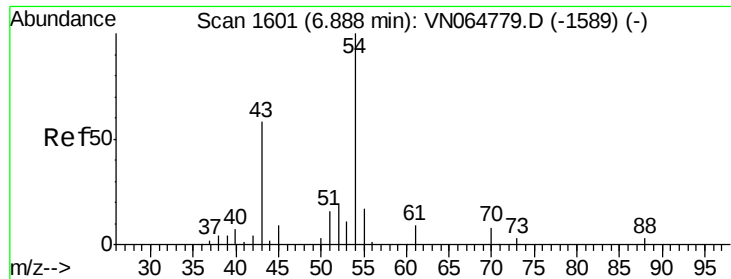
MMDadoda
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#36
1,1-Dichloropropene
Concen: 17.875 ug/l
RT: 7.75 min Scan# 1868
Delta R.T. -0.01 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	52984		
110	35.7		17.8	53.3
77	30.9		25.0	37.4





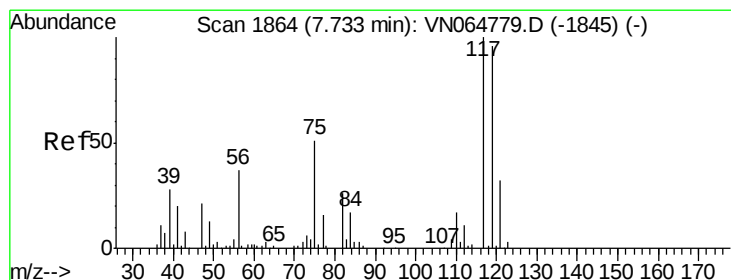
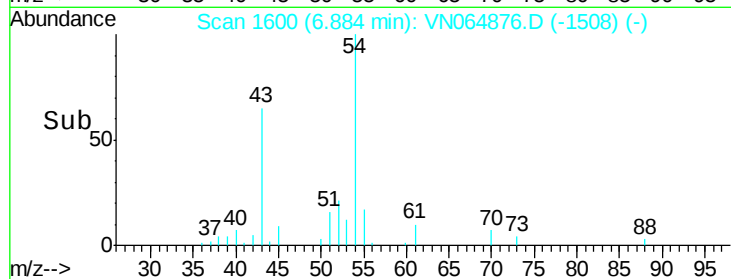
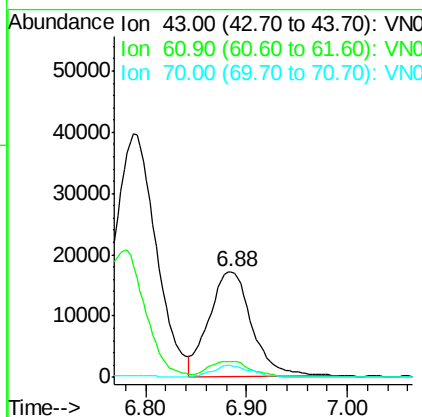
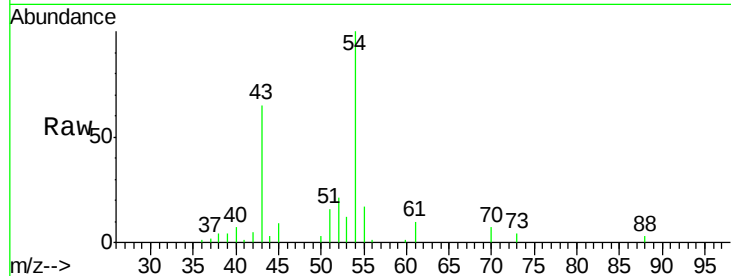
#37
Ethyl Acetate
Concen: 17.685 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBS01

Tot Ion	43	61	70
Resp	50497	15.5	10.1
Lower		12.8	8.8
Upper		19.2	13.2

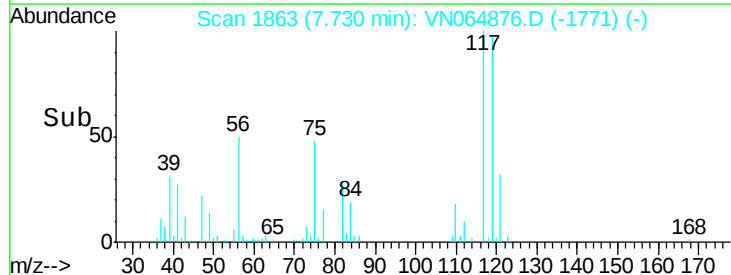
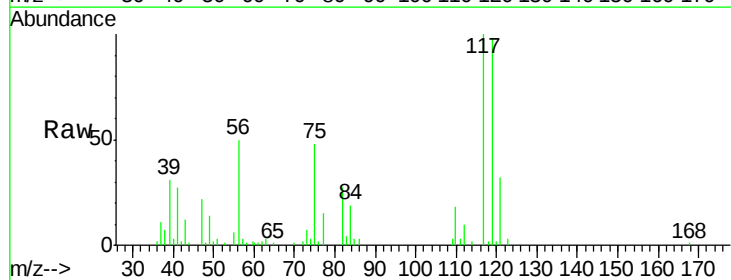
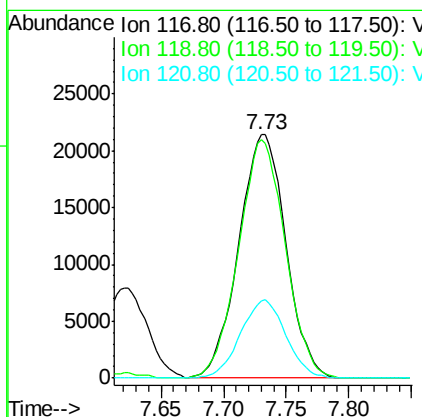
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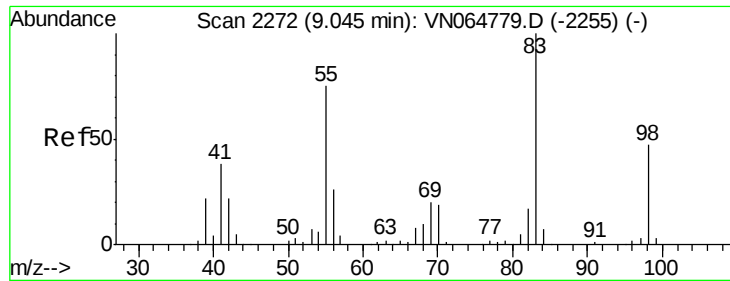
MMDadoda
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#38
Carbon Tetrachloride
Concen: 18.135 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

Tgt Ion	117	119	121
Resp	55932	98.1	31.8
Lower		76.7	25.4
Upper		115.1	38.2





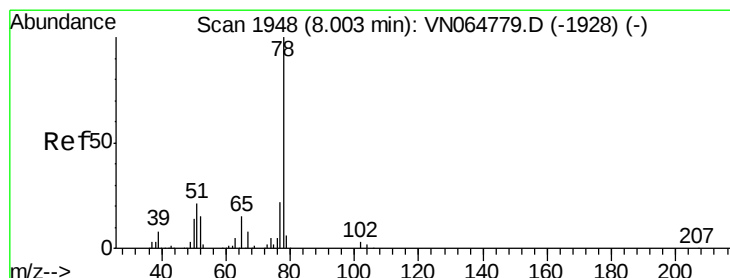
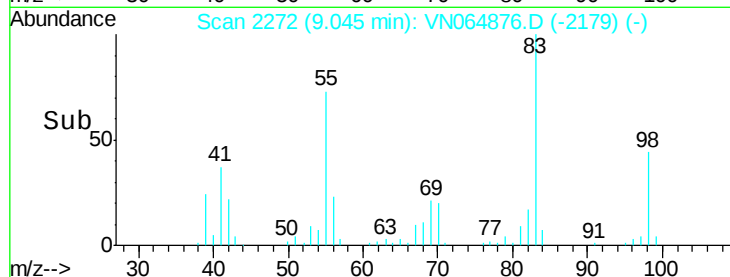
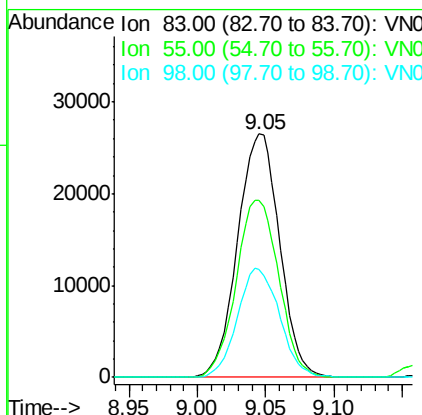
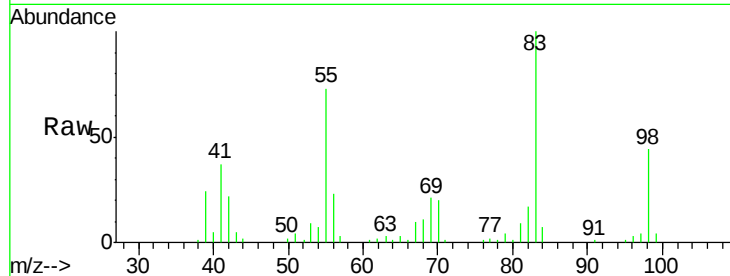
#39
Methvlcvclohexane
Concen: 17.771 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.7	60.2	90.2
98	44.5	37.4	56.2

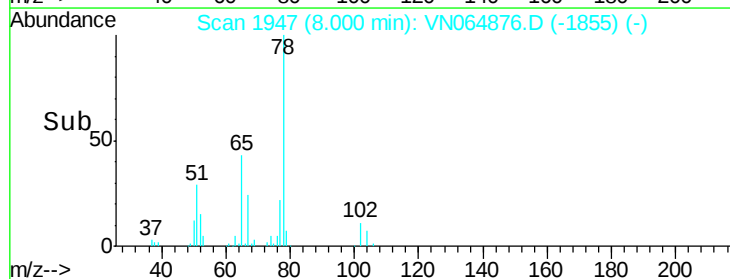
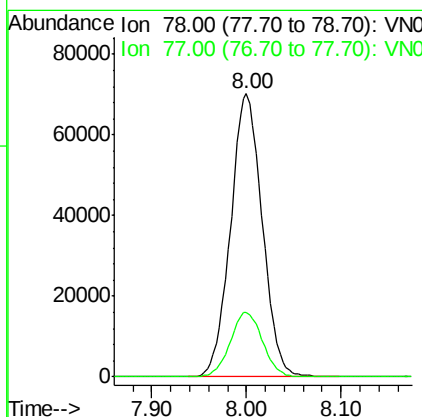
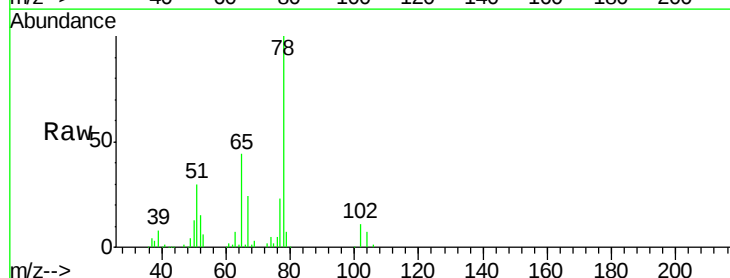
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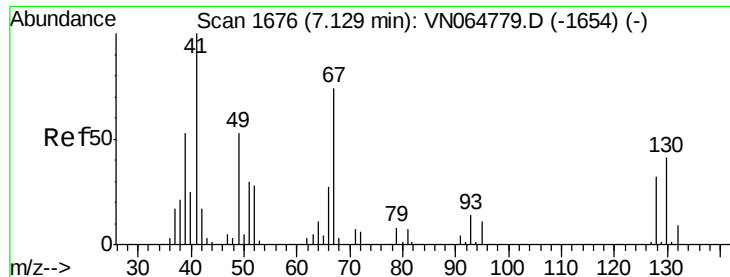
MMDadoda
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#40
Benzene
Concen: 18.004 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	17.9	26.9





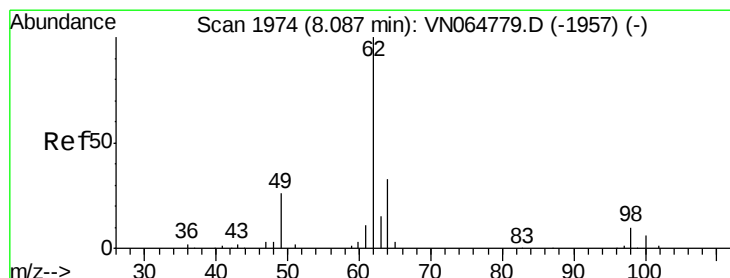
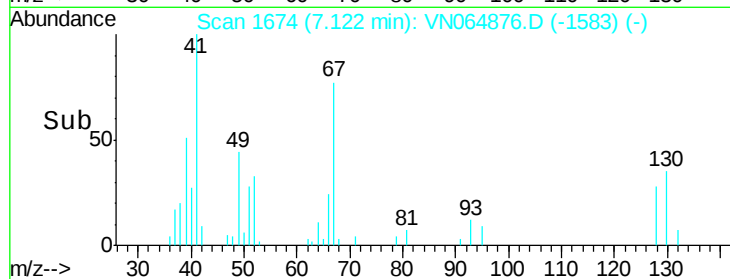
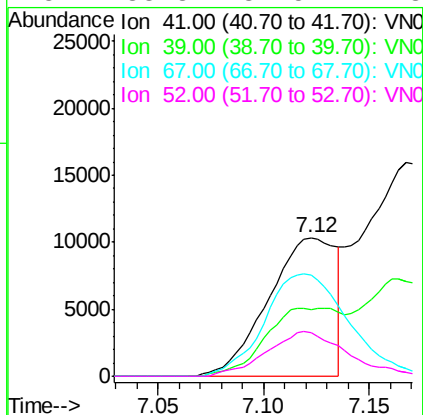
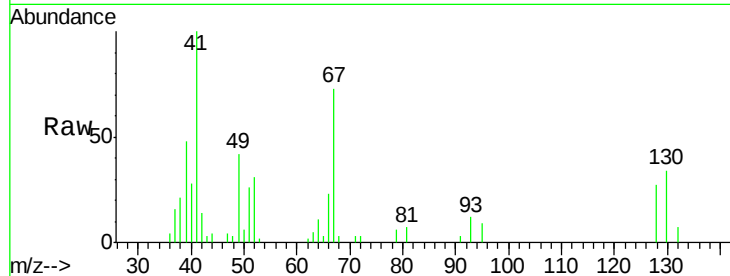
#41
Methacrylonitrile
Concen: 17.438 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.01 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	34.5	51.0	76.6#
67	92.3	79.8	119.8
52	38.3	31.5	47.3

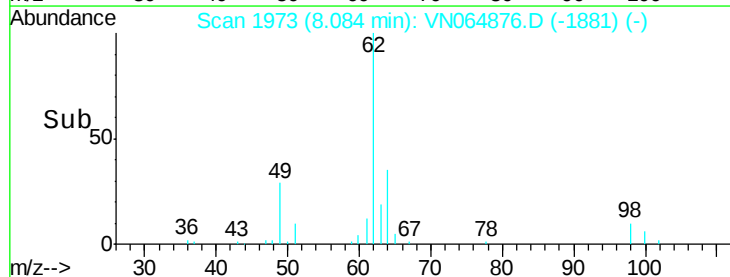
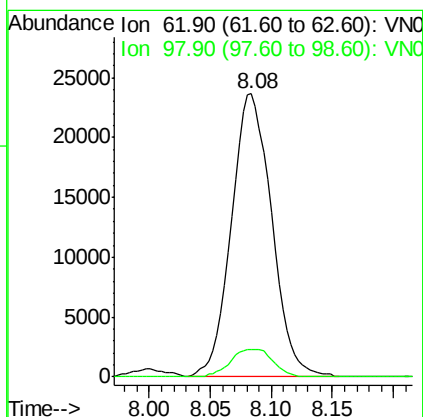
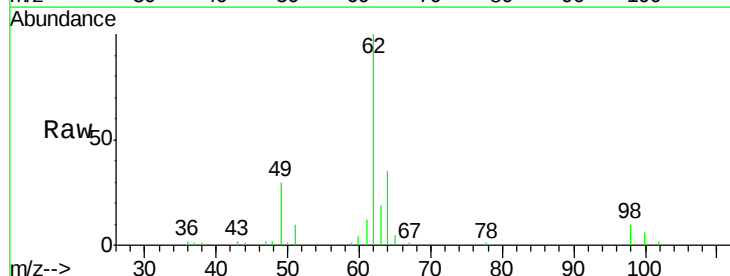
Manual Integrations
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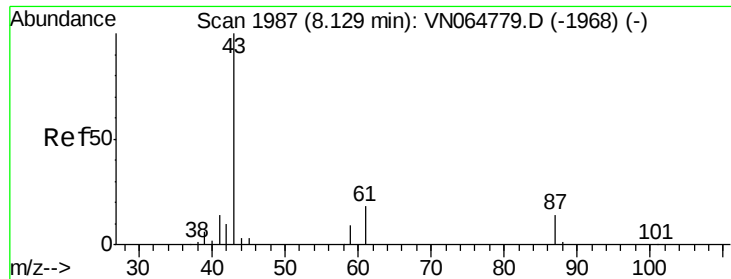
MMDadoda
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#42
1,2-Dichloroethane
Concen: 17.708 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.6





#43

Isopropyl Acetate

Concen: 17.596 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

Instrument :

MSVOA_N

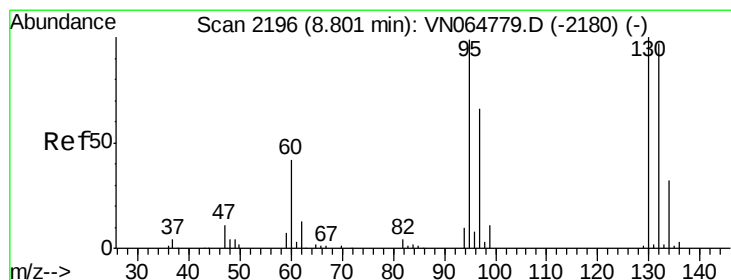
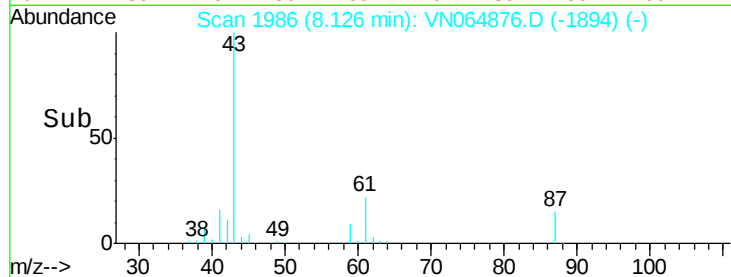
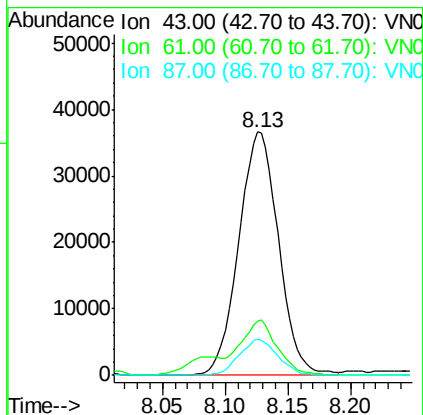
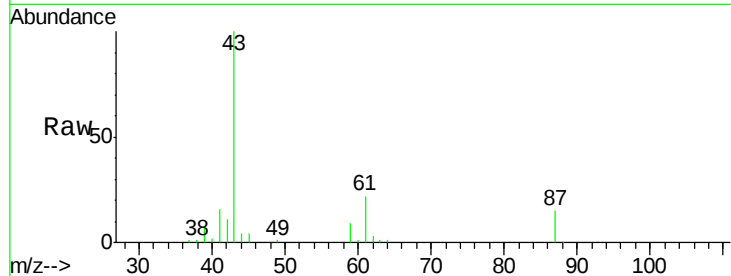
ClientSampleId :

VN1201WBS01

Tot Ion:	43	Resp:	80847
Ion	Ratio	Lower	Upper
43	100		
61	20.8	17.2	25.8
87	14.4	11.4	17.0

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#44

Trichloroethene

Concen: 18.324 ug/l

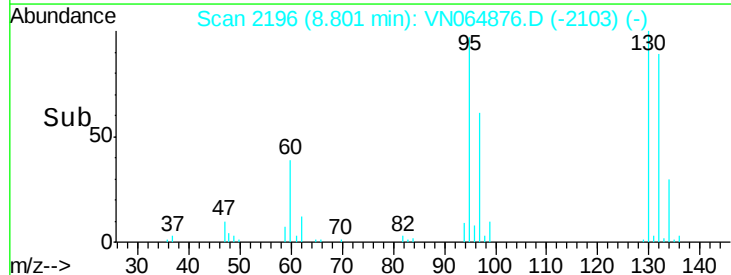
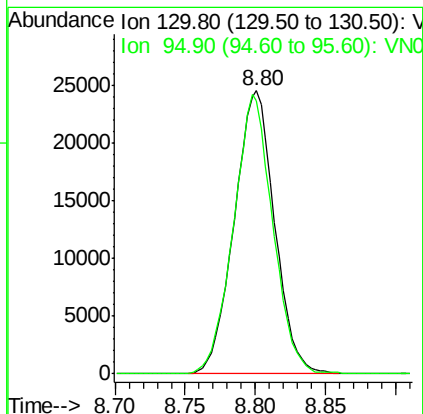
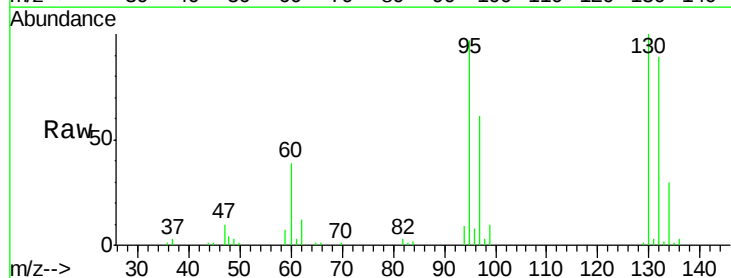
RT: 8.80 min Scan# 2196

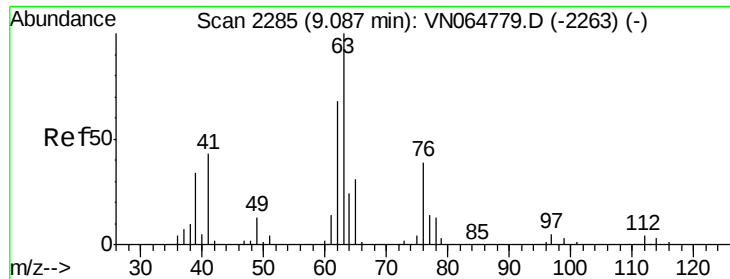
Delta R.T. 0.00 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

Tgt Ion:	130	Resp:	49109
Ion	Ratio	Lower	Upper
130	100		
95	96.6	0.0	197.8





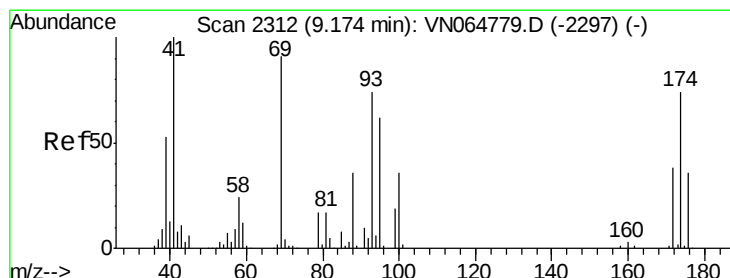
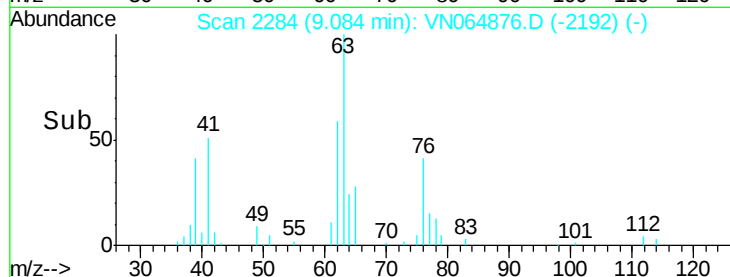
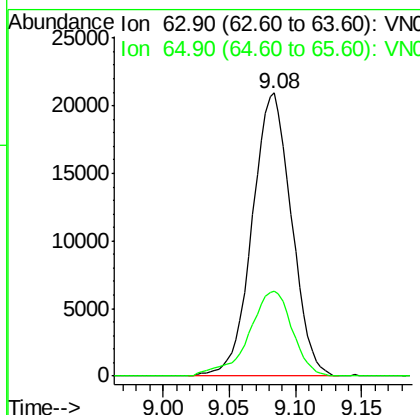
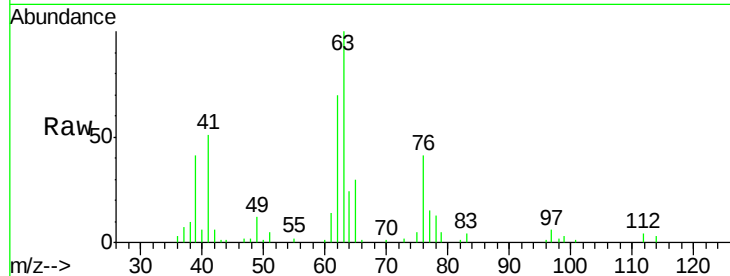
#45
 1,2-Dichloropropane
 Concen: 18.331 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064876.D
 Acq: 1 Dec 2020 12:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1201WBS01

Tot Ion: 63 Resp: 43119
 Ion Ratio Lower Upper
 63 100
 65 29.8 25.0 37.4

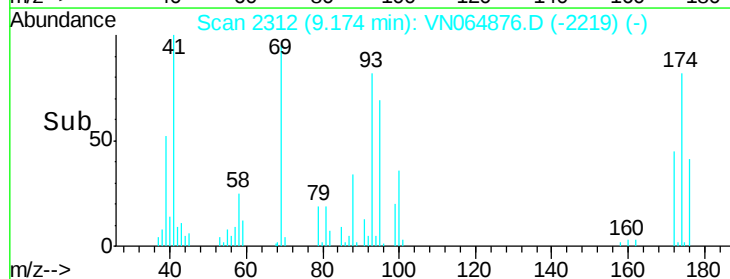
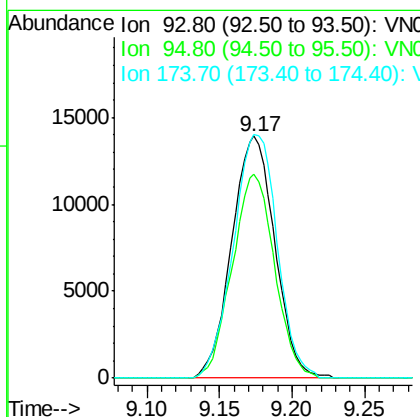
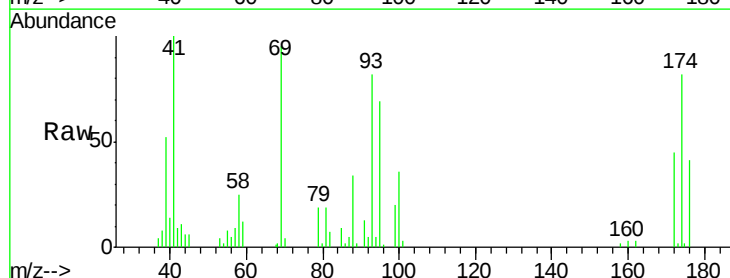
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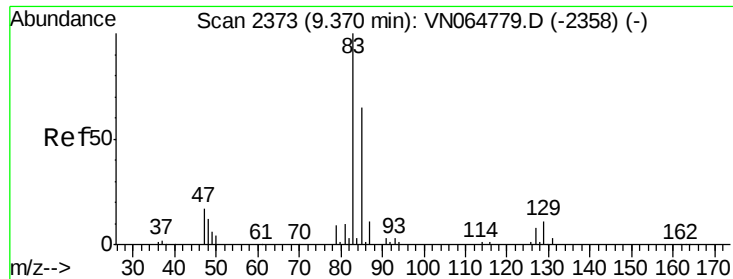
MMDadoda
 12/2/2020 12:43:23 PM



#46
 Dibromomethane
 Concen: 18.329 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064876.D
 Acq: 1 Dec 2020 12:30

Tgt Ion: 93 Resp: 28803
 Ion Ratio Lower Upper
 93 100
 95 82.6 68.8 103.2
 174 102.8 83.1 124.7





#47

Bromodichloromethane

Concen: 18.373 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

Instrument :

MSVOA_N

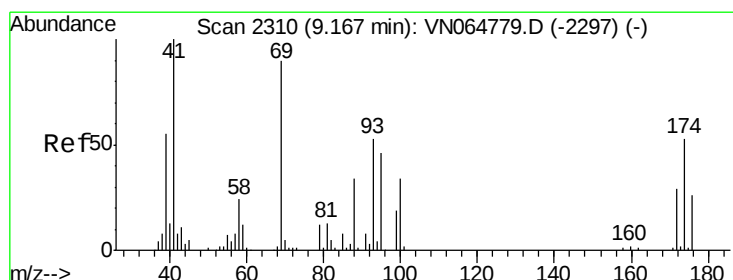
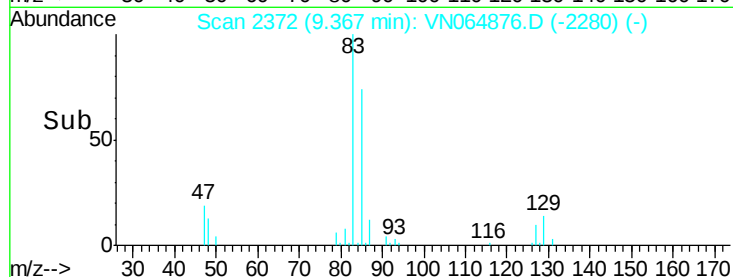
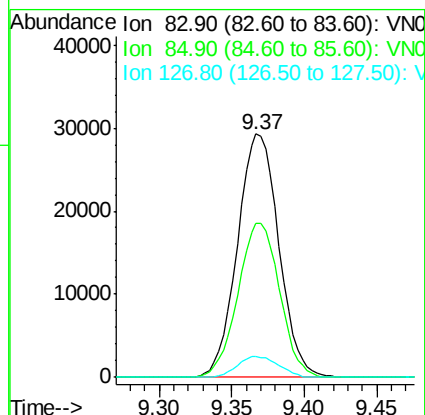
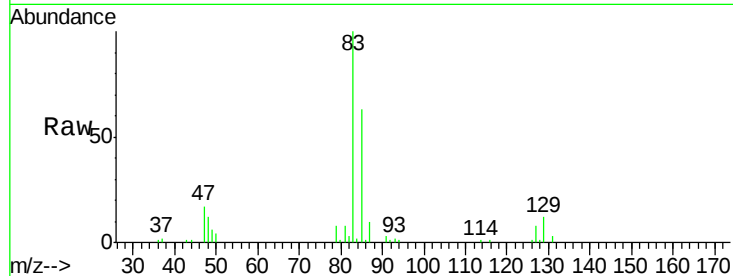
ClientSampleId :

VN1201WBS01

Tot Ion:	83	Resp:	58097
Ion Ratio	Lower	Upper	
83	100		
85	63.2	51.8	77.8
127	8.4	6.8	10.2

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#48

Methyl methacrylate

Concen: 18.108 ug/l

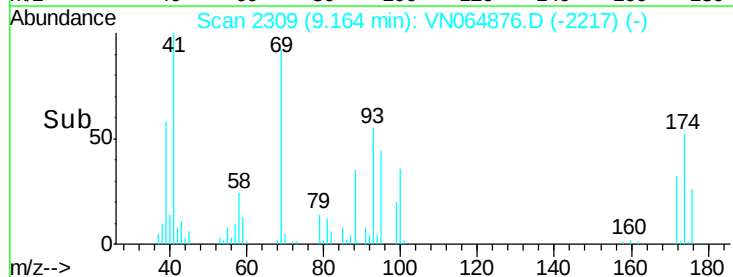
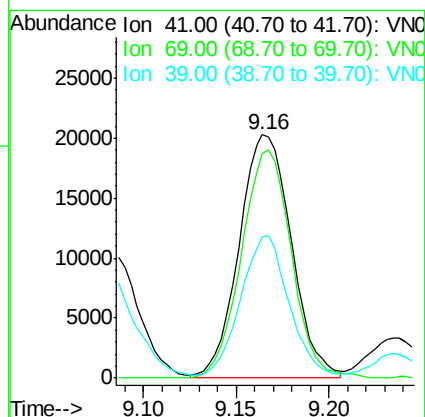
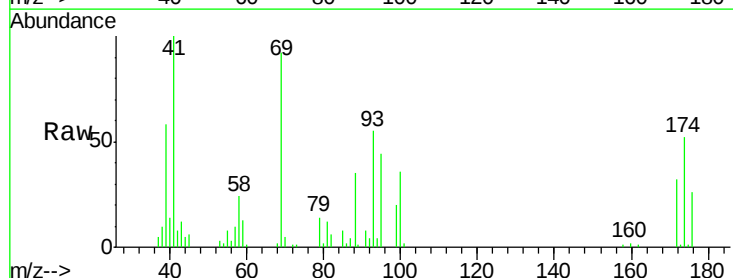
RT: 9.16 min Scan# 2309

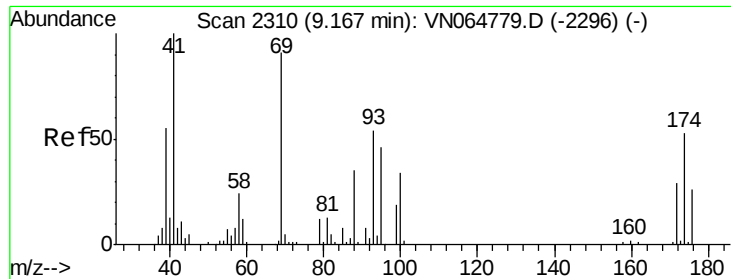
Delta R.T. -0.00 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

Tgt Ion:	41	Resp:	39756
Ion Ratio	Lower	Upper	
41	100		
69	89.5	71.8	107.8
39	54.7	44.1	66.1





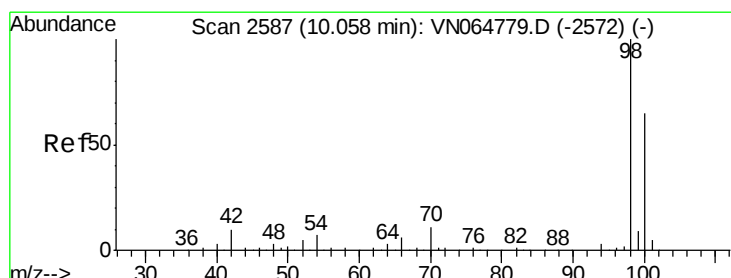
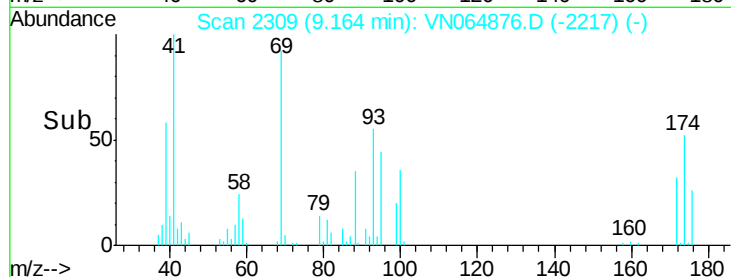
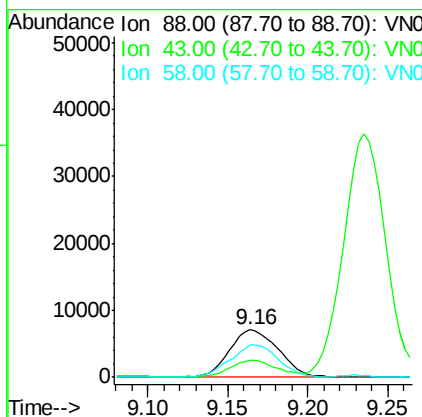
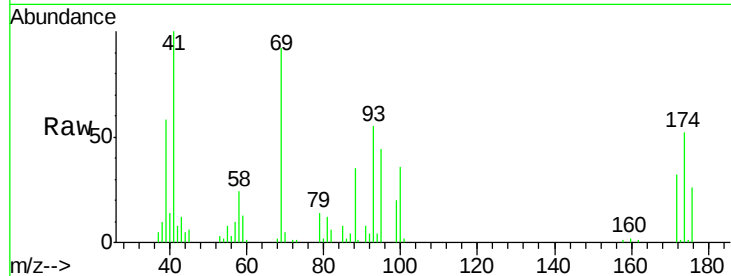
#49
1,4-Dioxane
Concen: 358.242 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBS01

Tot Ion	Ratio	Resp	Lower	Upper
88	100			
43	35.3	24.2	36.4	
58	66.5	52.5	78.7	

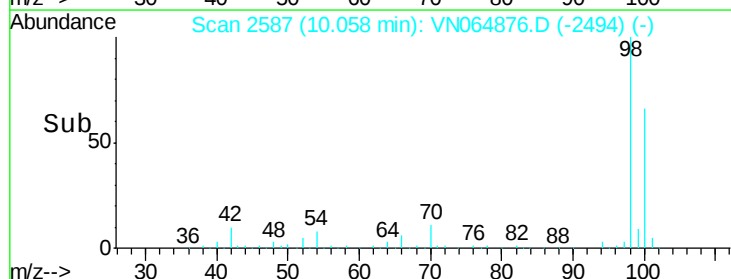
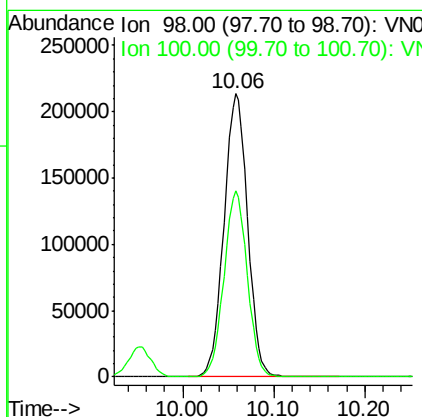
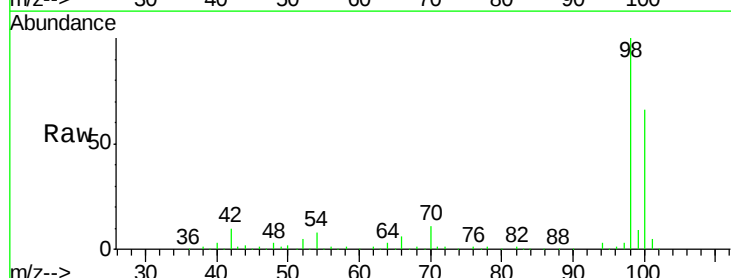
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#50
Toluene-d8
Concen: 49.250 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
98	100			
100	64.9	51.7	77.5	





#51

4-Methyl-2-Pentanone

Concen: 91.524 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN1201WBS01

Tot Ion: 43 Resp: 252452

Ion Ratio Lower Upper

43 100

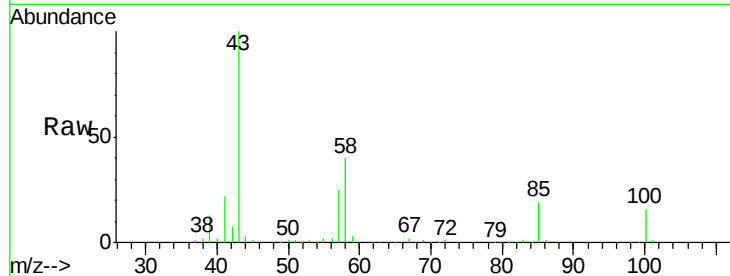
58 40.0 32.4 48.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

150000

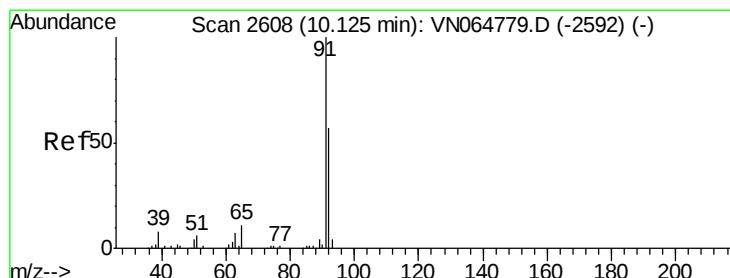
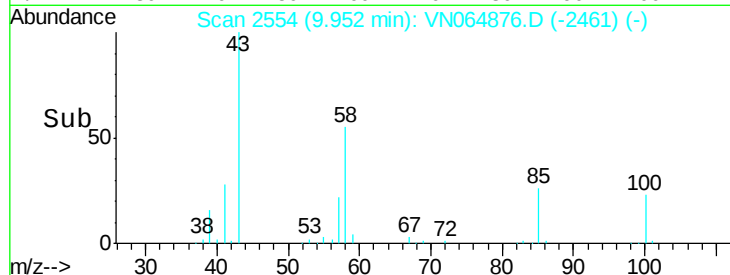
100000

50000

0

9.90 9.95 10.00

Time-->



#52

Toluene

Concen: 18.559 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064876.D

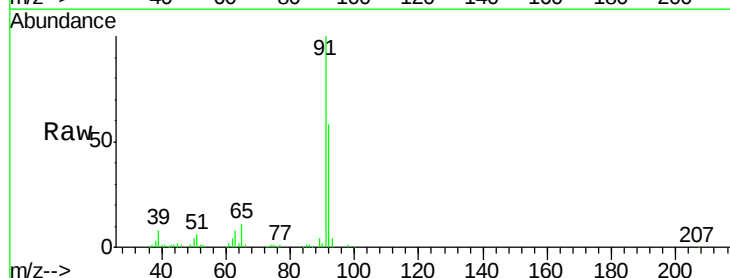
Acq: 1 Dec 2020 12:30

Tgt Ion: 92 Resp: 103819

Ion Ratio Lower Upper

92 100

91 172.9 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

100000

80000

60000

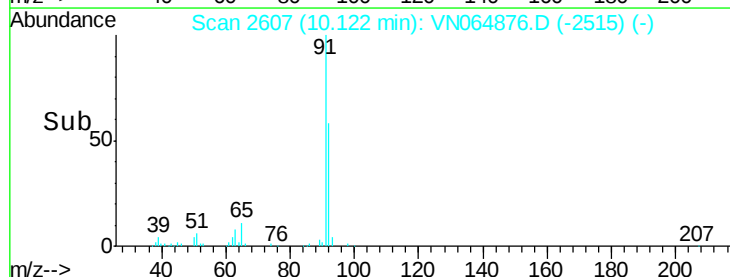
40000

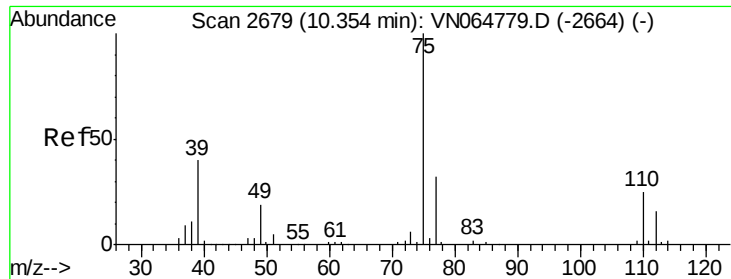
20000

0

10.05 10.10 10.12 10.15 10.20

Time-->





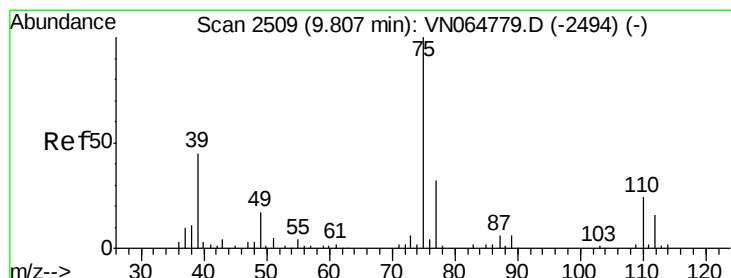
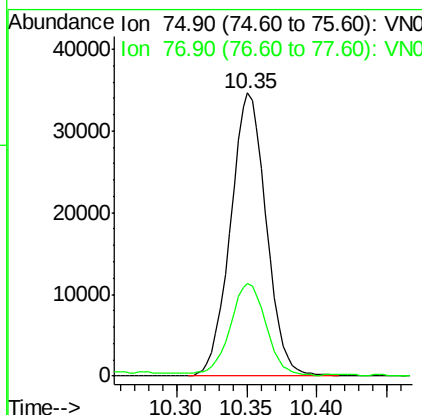
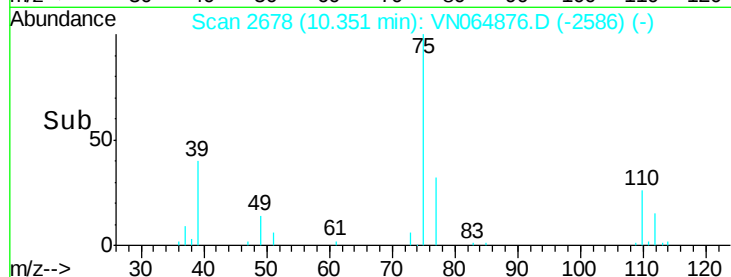
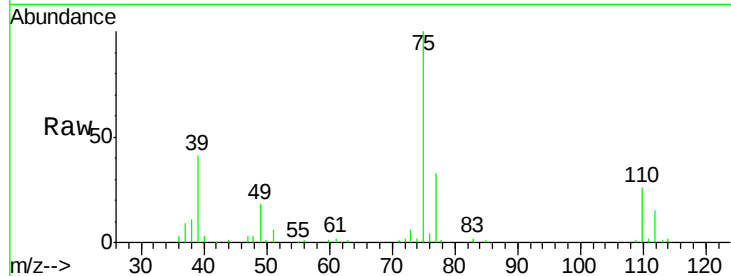
#53
t-1,3-Dichloropropene
Concen: 17.448 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBS01

Tot Ion: 75 Resp: 61449
Ion Ratio Lower Upper
75 100
77 32.2 25.8 38.6

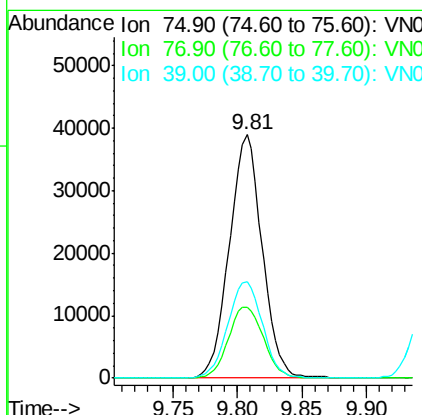
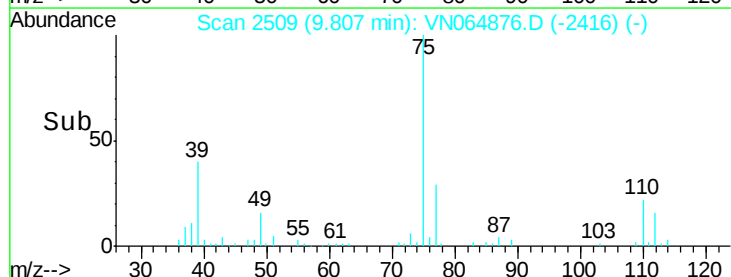
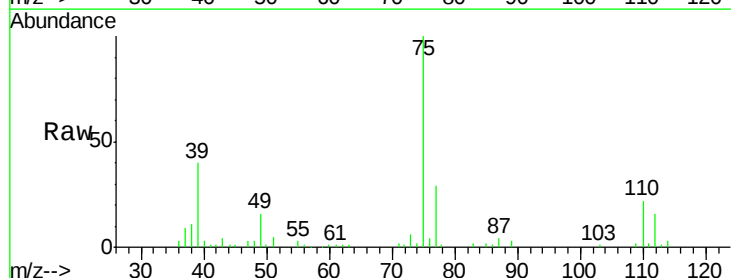
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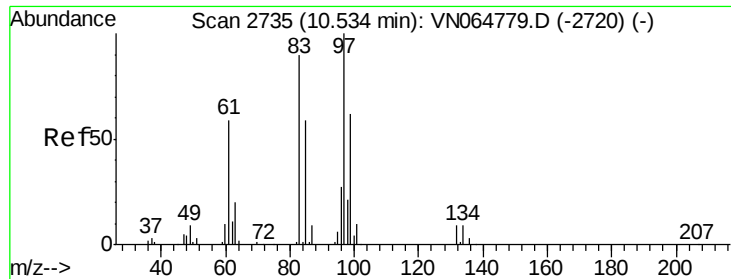
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#54
cis-1,3-Dichloropropene
Concen: 18.223 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

Tgt Ion: 75 Resp: 68790
Ion Ratio Lower Upper
75 100
77 29.2 25.5 38.3
39 39.5 35.6 53.4





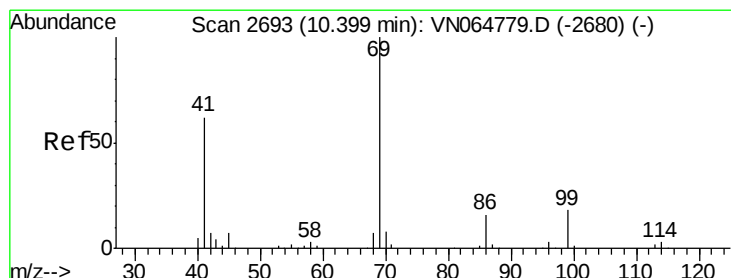
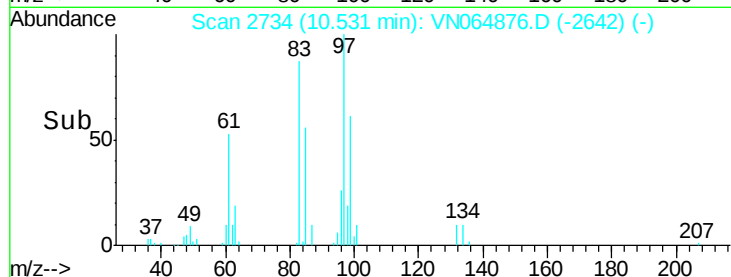
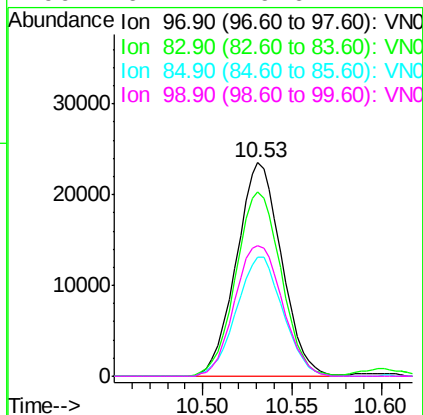
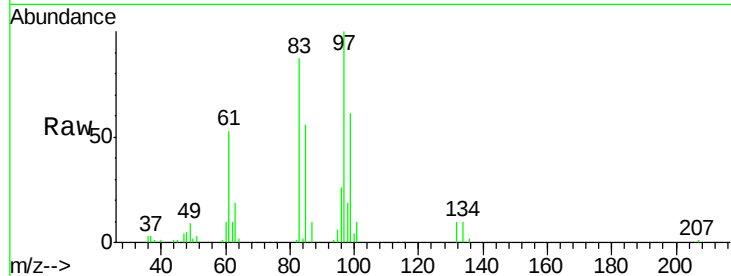
#55
 1,1,2-Trichloroethane
 Concen: 18.084 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064876.D
 Acq: 1 Dec 2020 12:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1201WBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	86.5	72.1	108.1
85	56.0	46.8	70.2
99	61.4	49.6	74.4

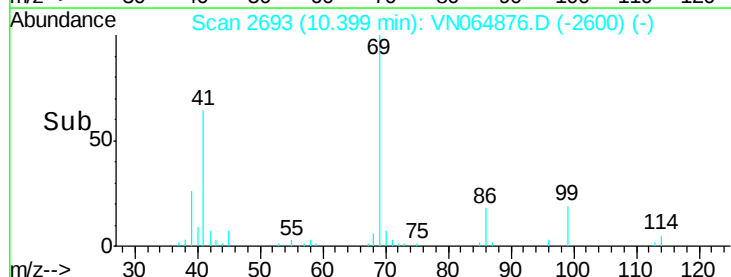
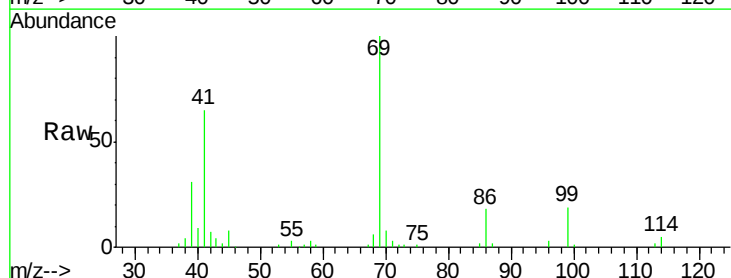
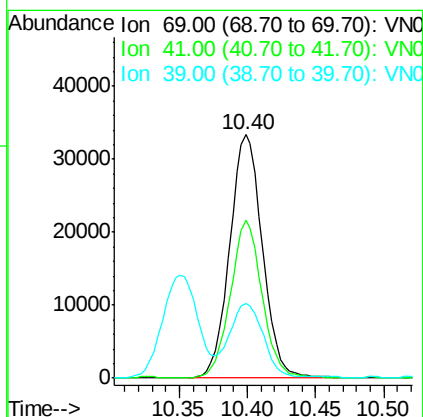
Manual Integrations
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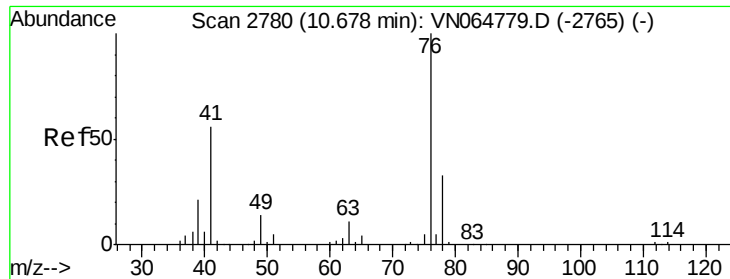
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#56
 Ethyl methacrylate
 Concen: 17.478 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064876.D
 Acq: 1 Dec 2020 12:30

Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.9	49.4	74.0
39	31.2	25.9	38.9





#57

1,3-Dichloropropane

Concen: 18.608 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN1201WBS01

Tot Ion: 76 Resp: 70609

Ion Ratio Lower Upper

76 100

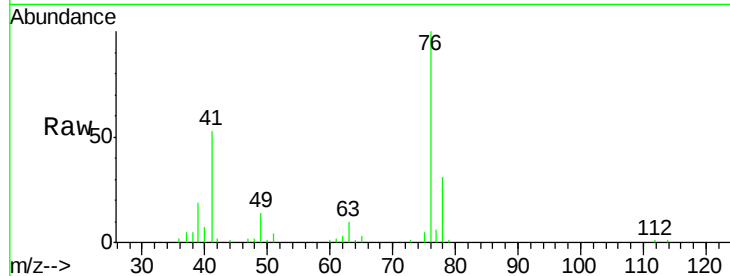
78 31.8 26.1 39.1

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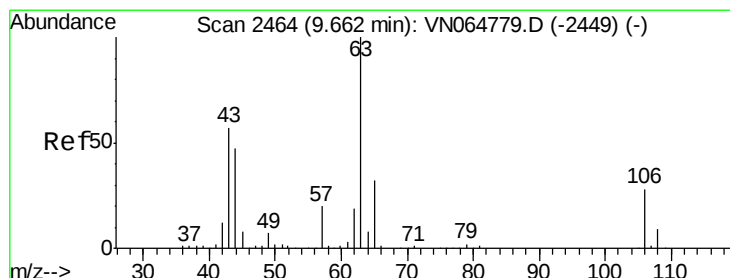
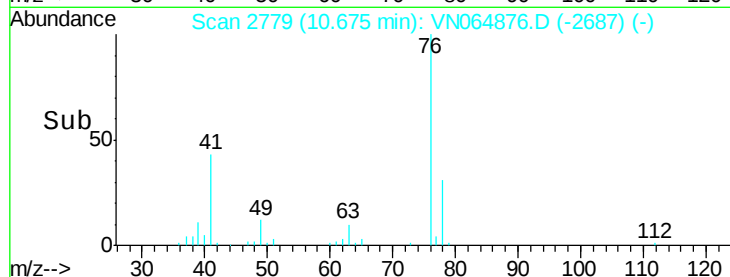
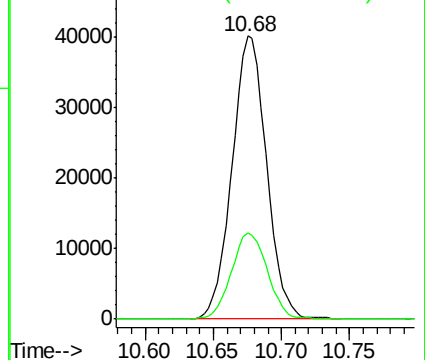
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 89.696 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064876.D

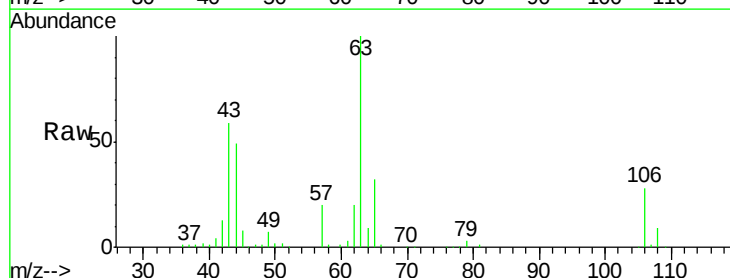
Acq: 1 Dec 2020 12:30

Tgt Ion: 63 Resp: 156615

Ion Ratio Lower Upper

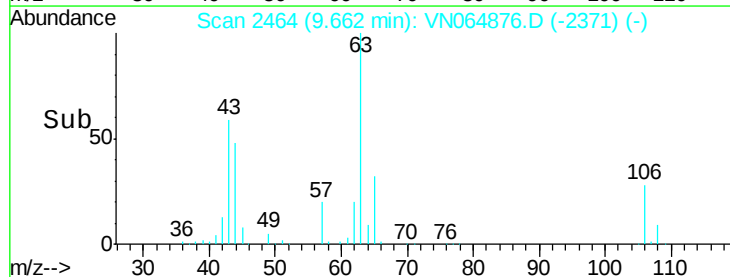
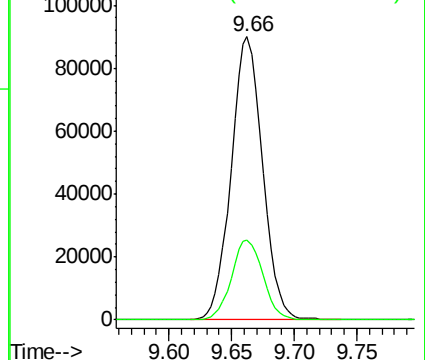
63 100

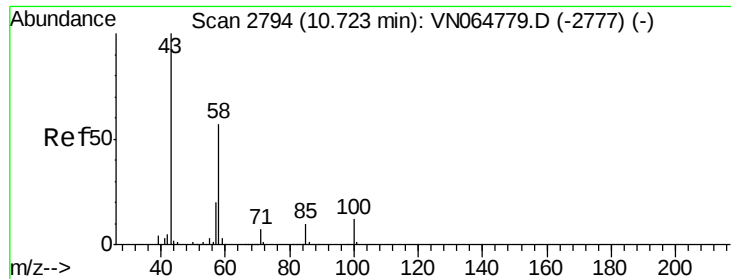
106 28.2 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





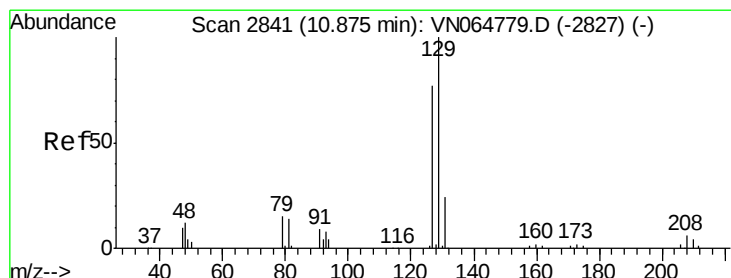
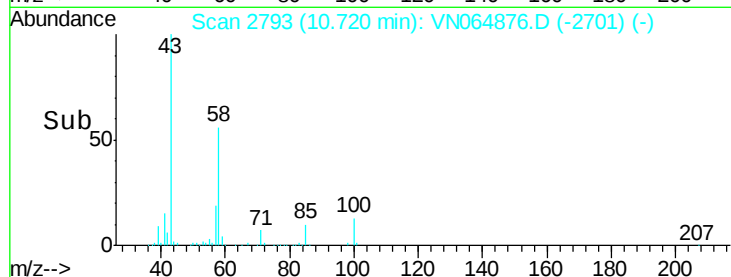
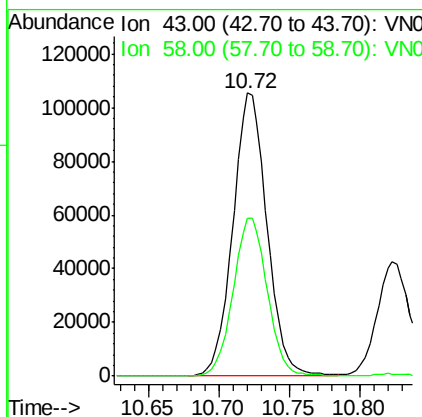
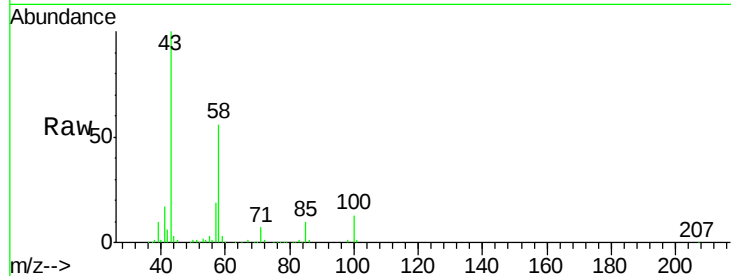
#59
2-Hexanone
Concen: 90.122 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBS01

Tot Ion: 43 Resp: 178903
Ion Ratio Lower Upper
43 100
58 55.8 28.3 84.9

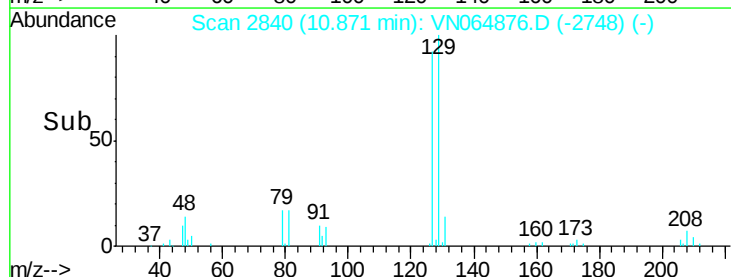
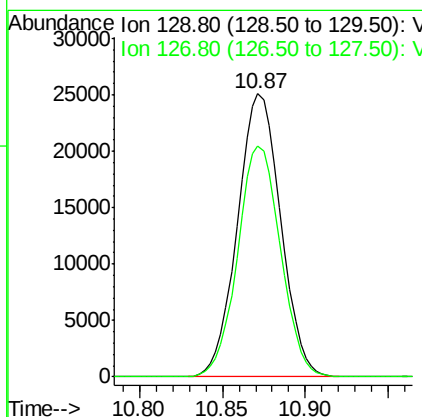
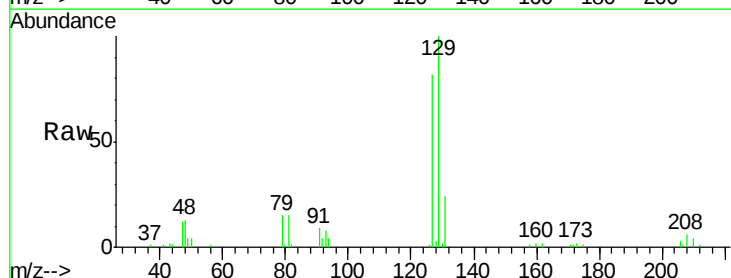
Manual Integrations
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12/2/2020 12:43:23 PM



#60
Dibromochloromethane
Concen: 17.780 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

Tgt Ion: 129 Resp: 45461
Ion Ratio Lower Upper
129 100
127 80.7 39.1 117.2





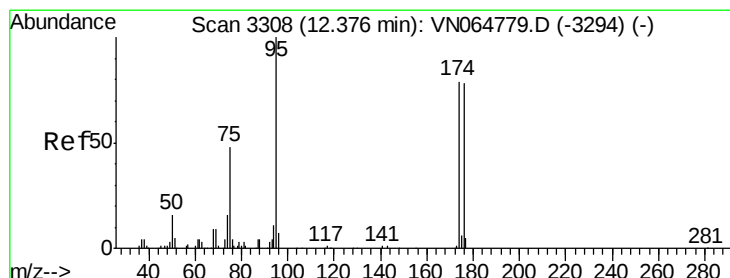
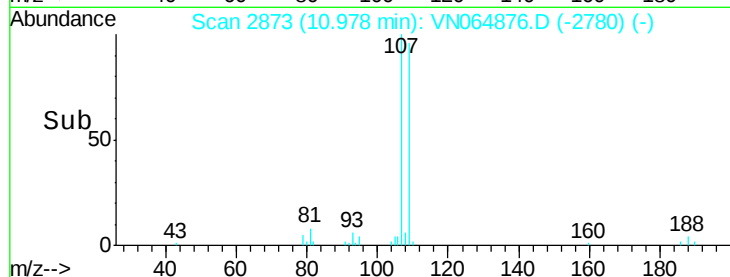
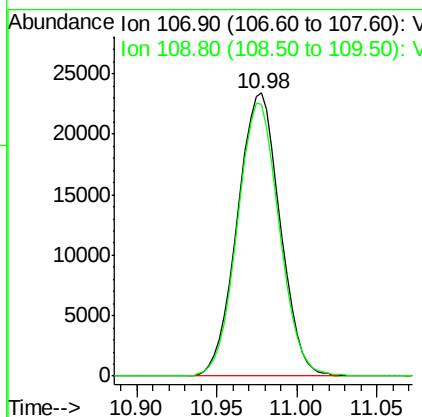
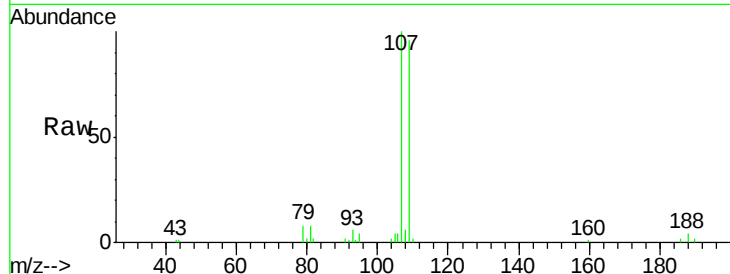
#61
 1,2-Dibromoethane
 Concen: 18.213 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064876.D
 Acq: 1 Dec 2020 12:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1201WBS01

Tot Ion: 107 Resp: 42564
 Ion Ratio Lower Upper
 107 100
 109 95.2 76.0 114.0

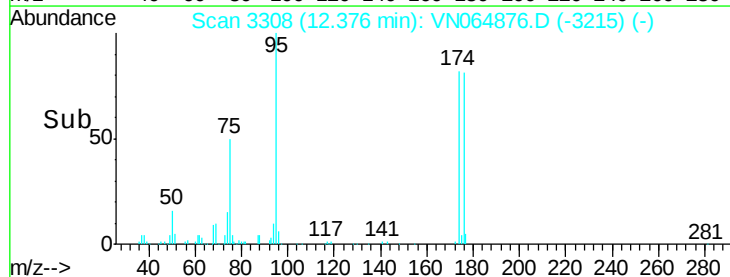
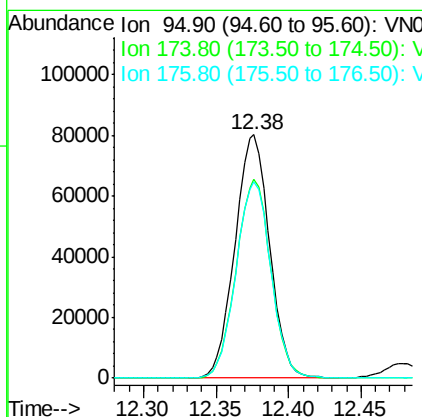
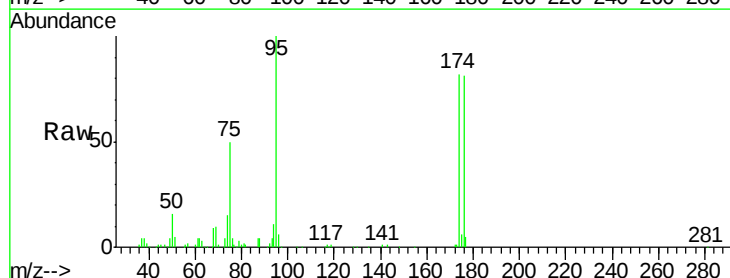
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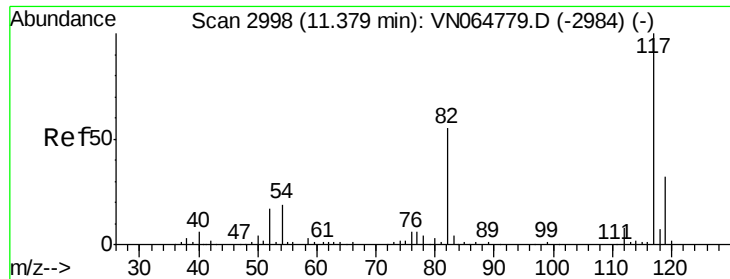
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#62
 4-Bromofluorobenzene
 Concen: 47.736 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064876.D
 Acq: 1 Dec 2020 12:30

Tgt Ion: 95 Resp: 133573
 Ion Ratio Lower Upper
 95 100
 174 81.9 0.0 160.4
 176 81.1 0.0 158.4





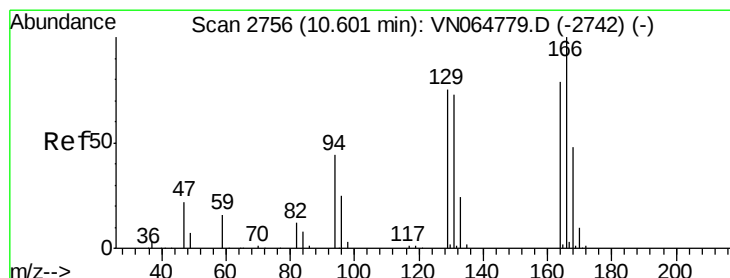
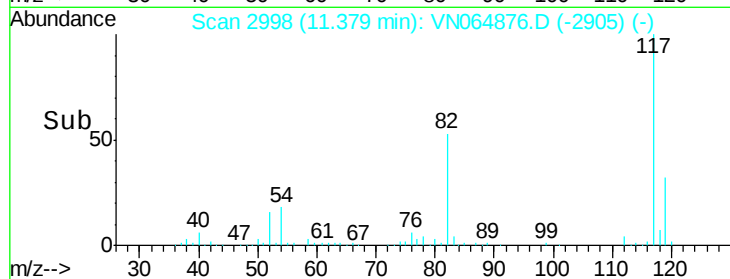
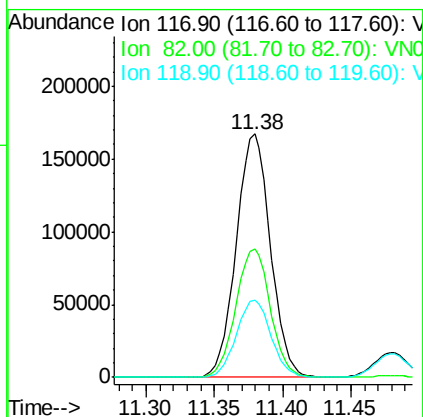
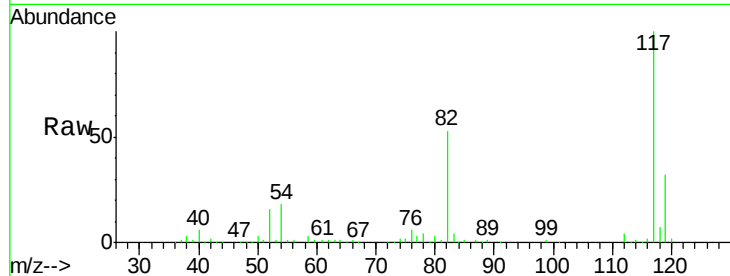
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

Instrument :
MSVOA_N
ClientSampled :
VN1201WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	44.2	66.2
119	31.8	25.8	38.6

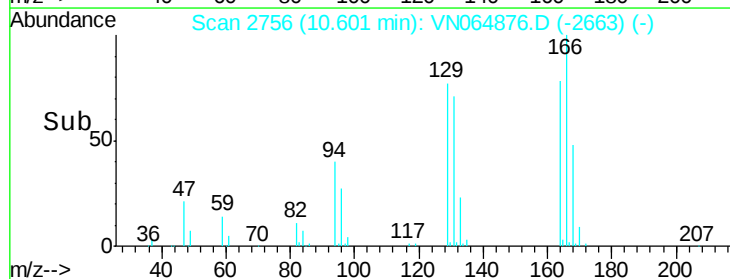
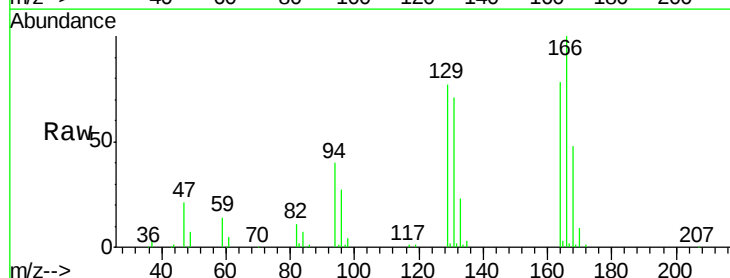
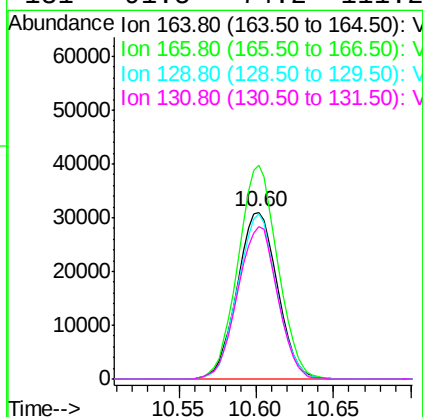
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#64
Tetrachloroethene
Concen: 19.752 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.2	101.4	152.0
129	99.0	76.1	114.1
131	91.5	74.2	111.2





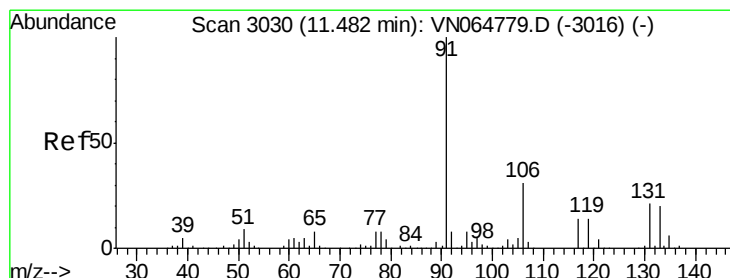
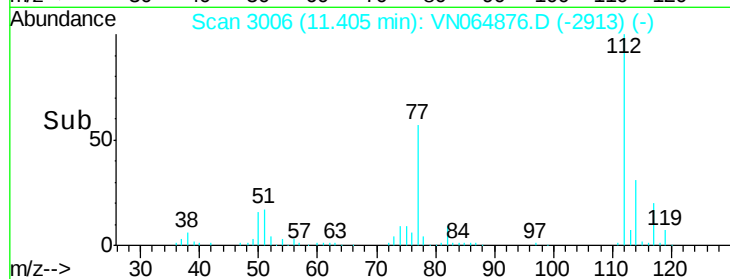
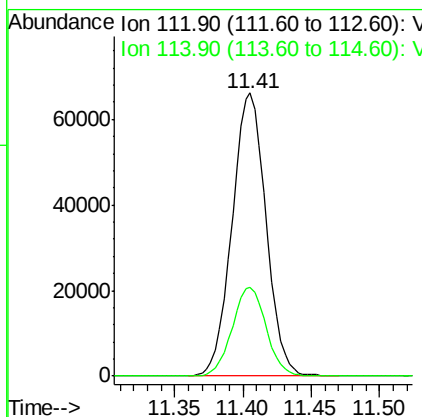
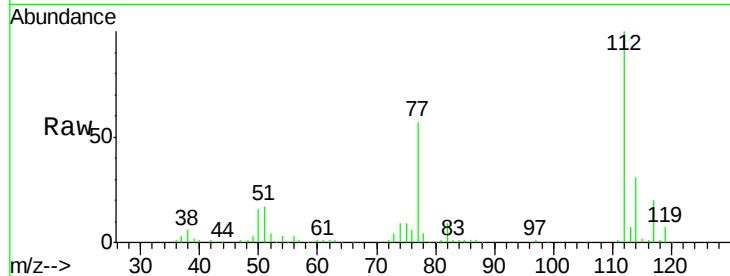
#65
Chlorobenzene
Concen: 18.221 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBS01

Tot Ion:112 Resp: 114084
Ion Ratio Lower Upper
112 100
114 31.3 25.1 37.7

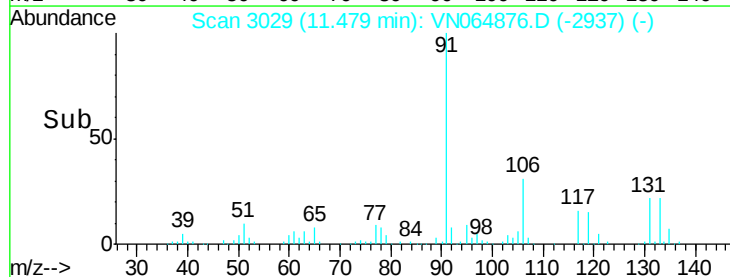
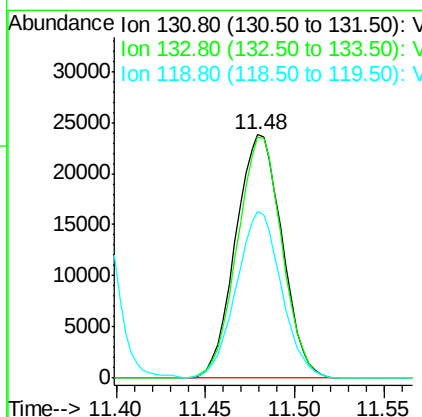
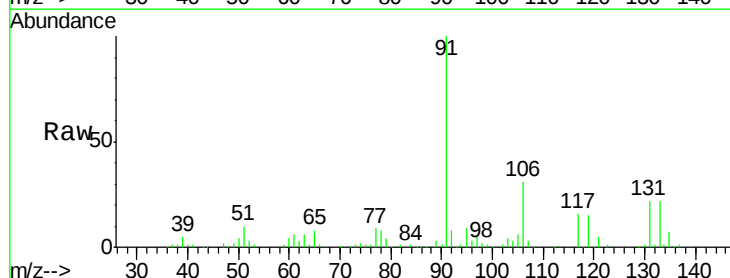
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.775 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

Tgt Ion:131 Resp: 43200
Ion Ratio Lower Upper
131 100
133 95.7 47.5 142.5
119 66.6 33.3 99.8





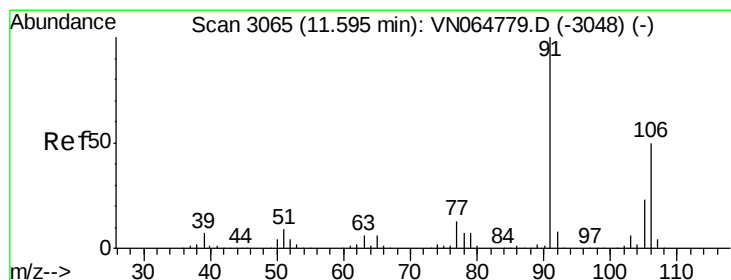
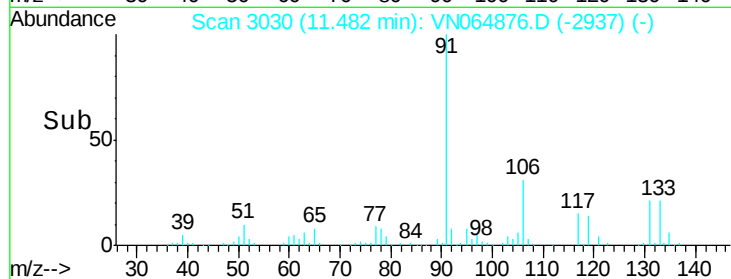
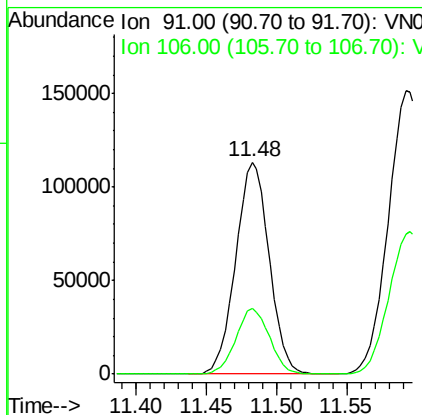
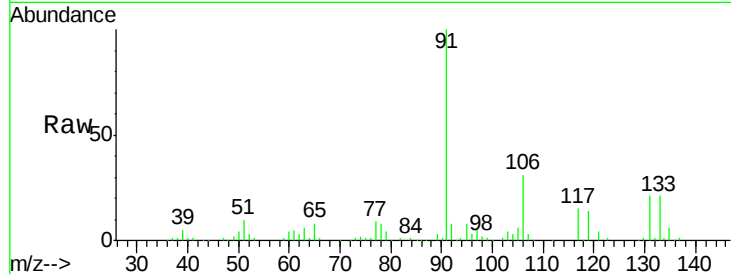
#67
Ethyl Benzene
Concen: 18.026 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

Instrument :
MSVOA_N
ClientSampled :
VN1201WBS01

Tot Ion: 91 Resp: 188546
Ion Ratio Lower Upper
91 100
106 31.0 25.2 37.8

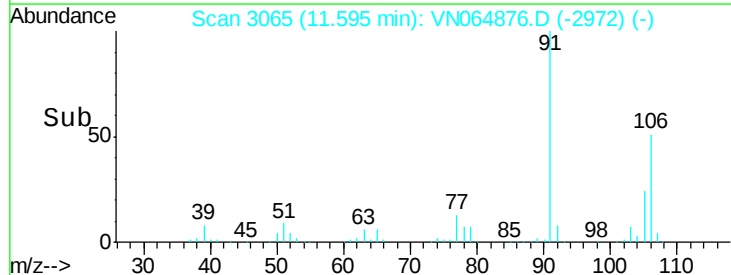
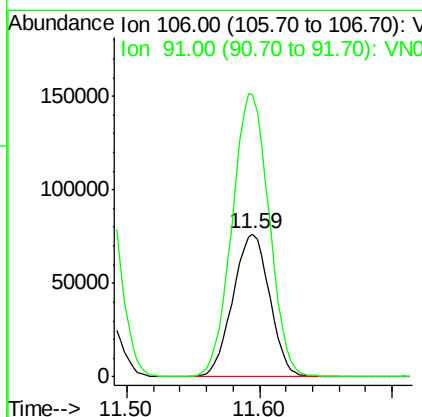
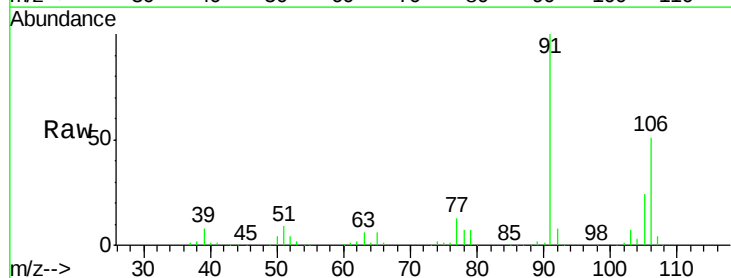
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#68
m/p-Xylenes
Concen: 37.209 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

Tgt Ion: 106 Resp: 147350
Ion Ratio Lower Upper
106 100
91 198.5 161.0 241.4





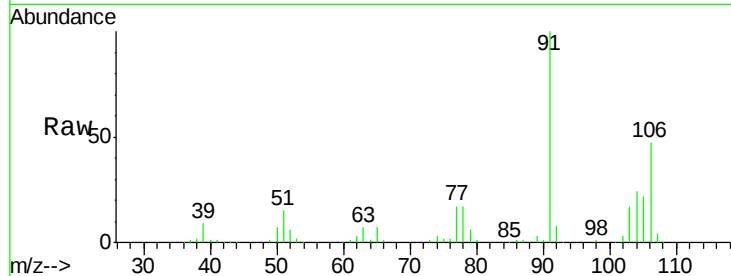
#69
o-Xylene
Concen: 18.168 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

Instrument :
MSVOA_N
ClientSampled :
VN1201WBS01

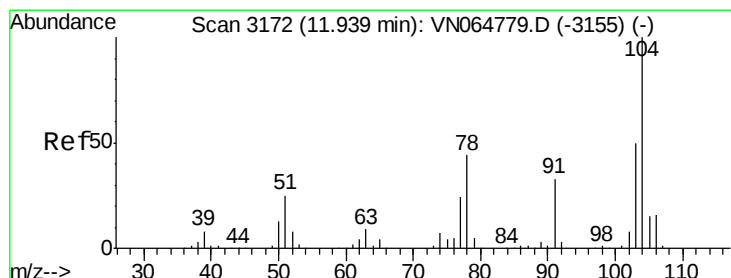
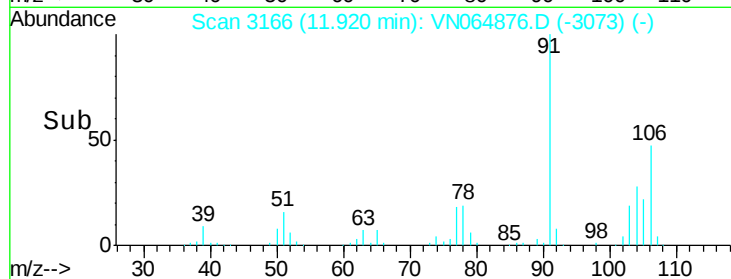
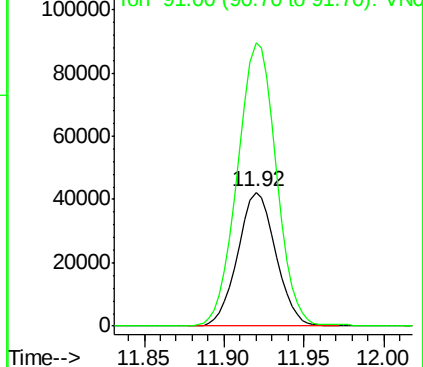
Tot Ion:106 Resp: 68271
Ion Ratio Lower Upper
106 100
91 216.4 105.5 316.5

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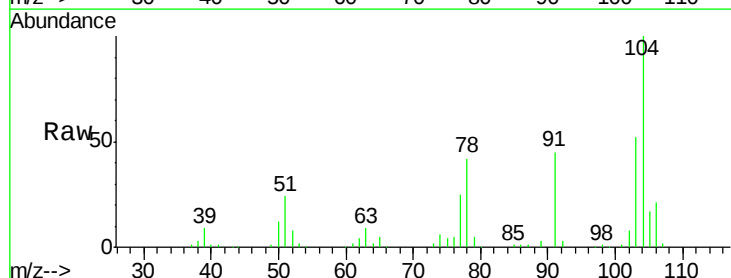


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

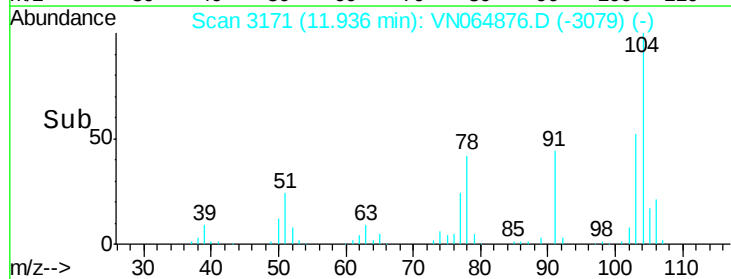
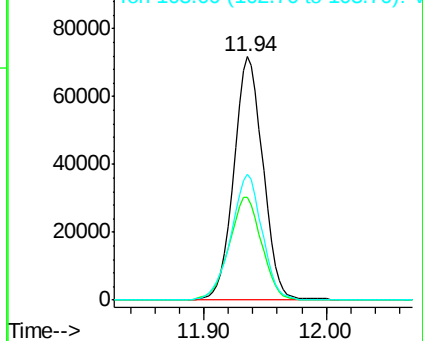


#70
Styrene
Concen: 18.762 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

Tgt Ion:104 Resp: 119022
Ion Ratio Lower Upper
104 100
78 47.6 39.0 58.6
103 54.8 44.3 66.5



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





#71

Bromoform

Concen: 17.318 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN1201WBS01

Tot Ion:173 Resp: 31826

Ion Ratio Lower Upper

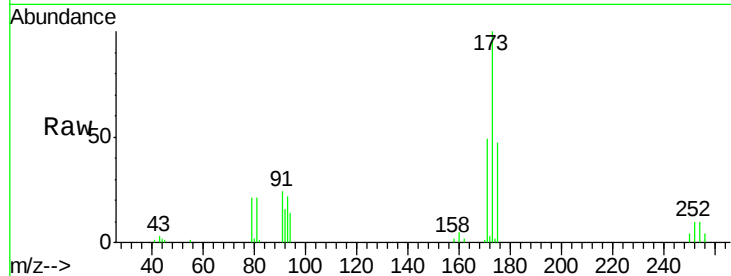
173 100

175 48.5 24.3 72.8

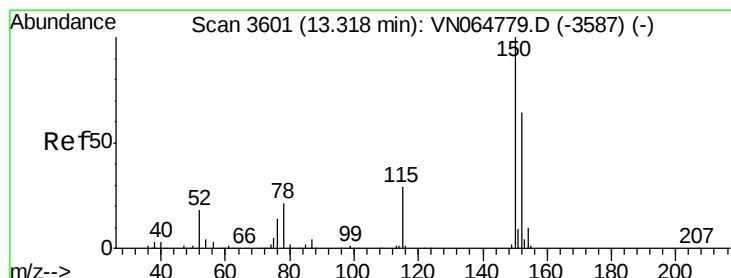
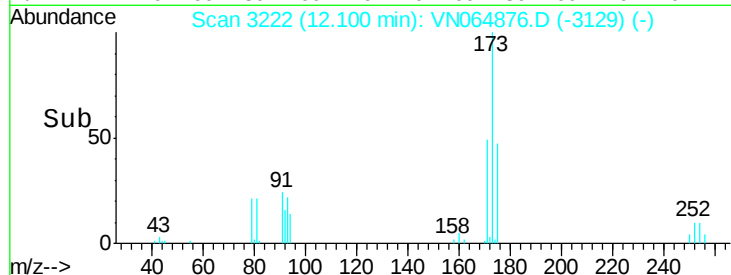
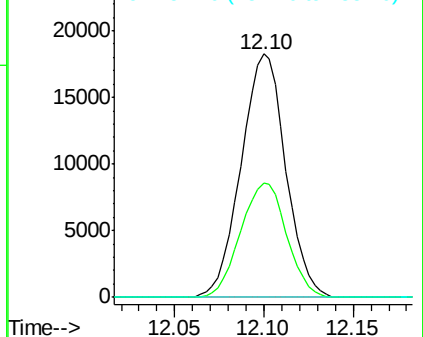
254 0.0 0.0 0.0

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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# 3601

Delta R.T. 0.00 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

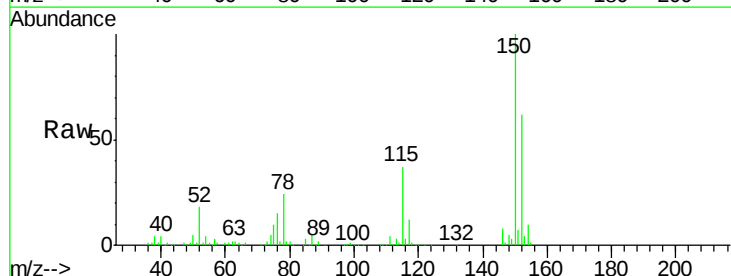
Tgt Ion:152 Resp: 142646

Ion Ratio Lower Upper

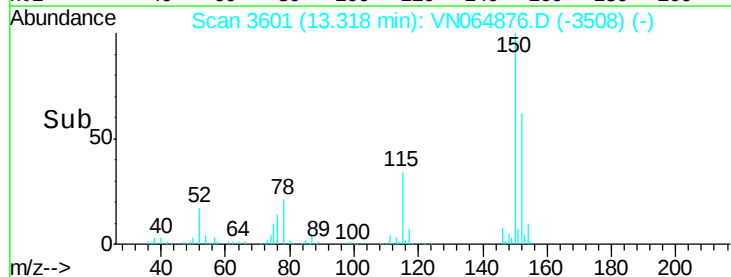
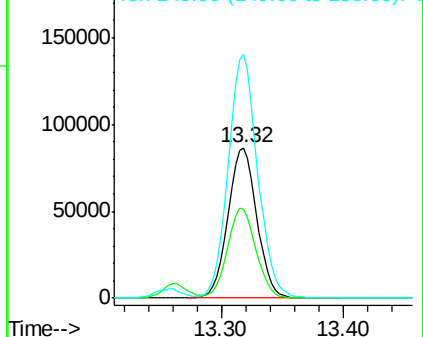
152 100

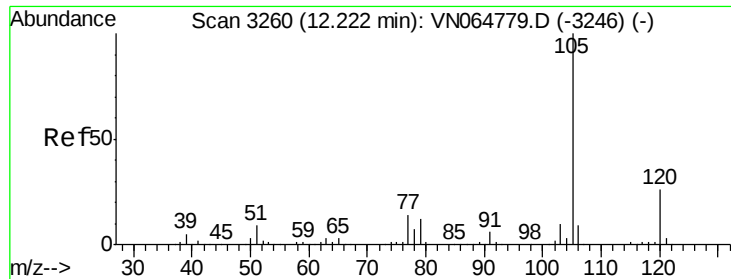
115 59.5 29.7 89.1

150 165.1 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: 18.616 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

Instrument :

MSVOA_N

ClientSampled :

VN1201WBS01

Tot Ion: 105 Resp: 184705

Ion Ratio Lower Upper

105 100

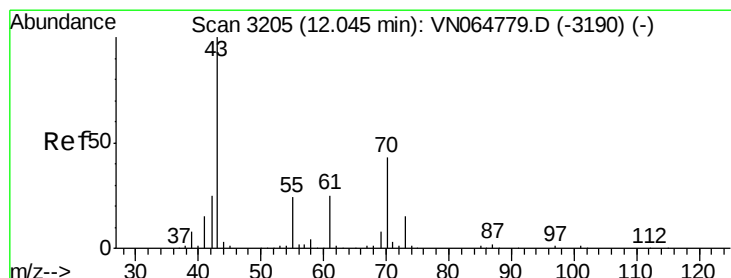
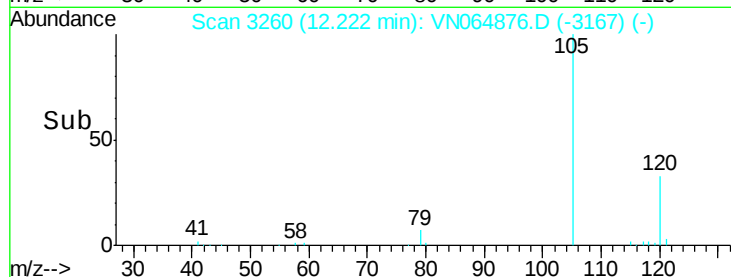
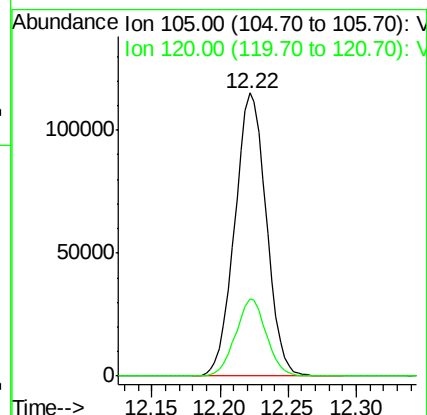
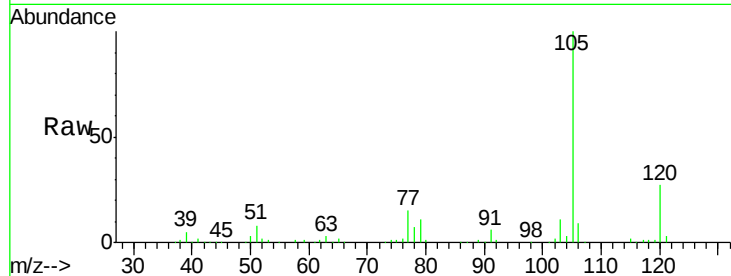
120 26.6 13.3 39.9

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#74

N-ethyl acetate

Concen: 17.251 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

Tgt Ion: 43 Resp: 67360

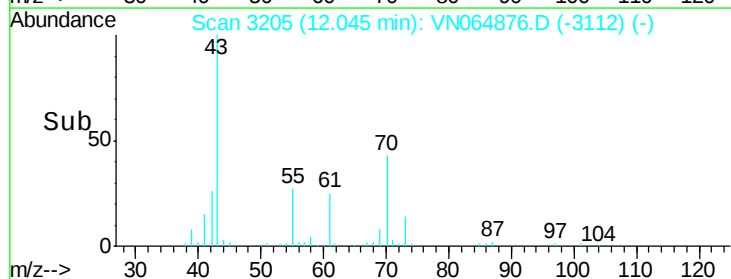
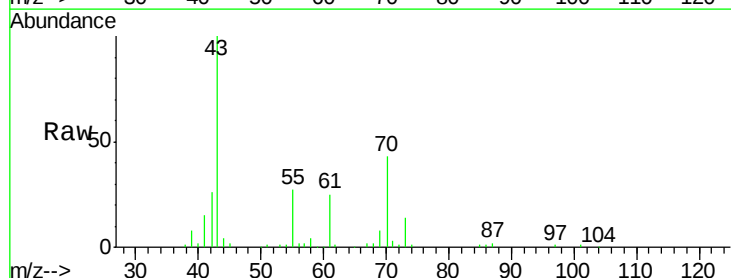
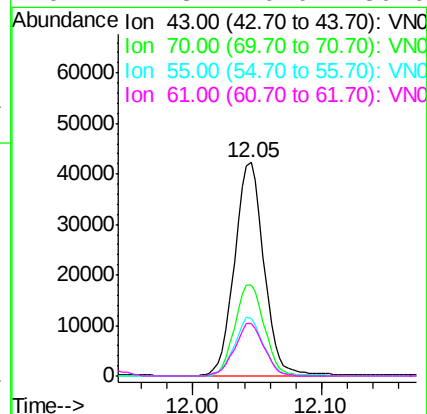
Ion Ratio Lower Upper

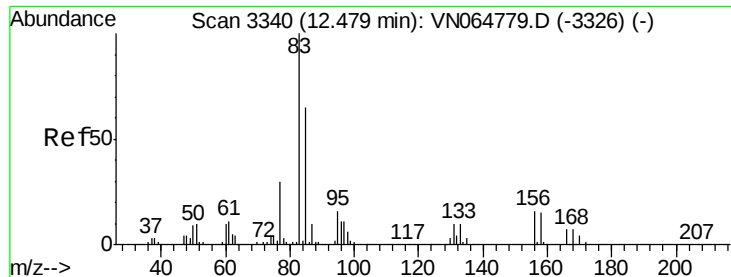
43 100

70 42.8 34.5 51.7

55 26.6 20.4 30.6

61 24.3 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.745 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

Instrument :

MSVOA_N

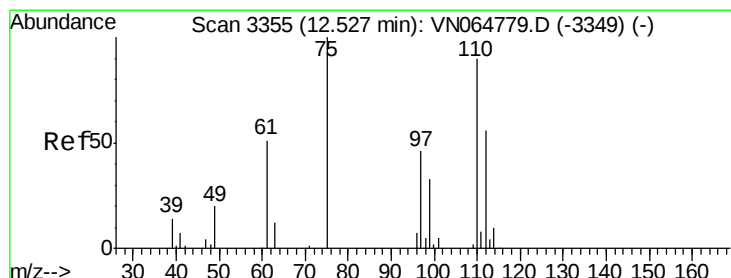
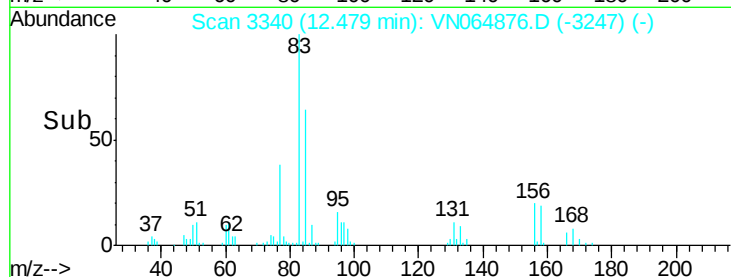
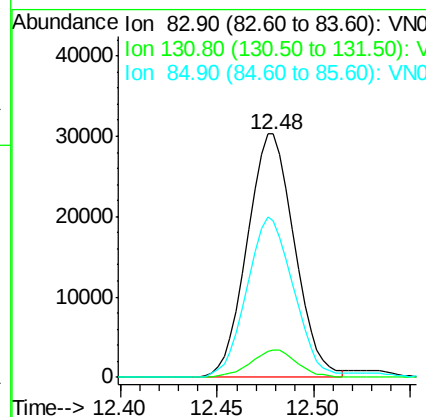
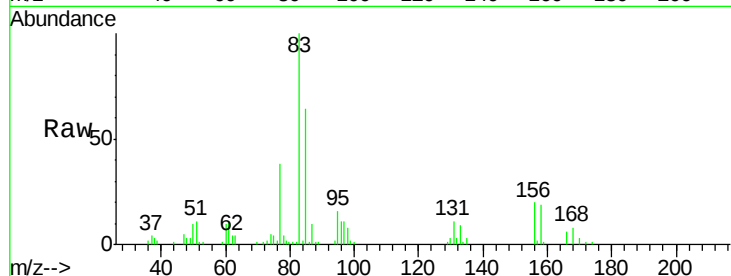
ClientSampleId :

VN1201WBS01

Tot Ion:	83	Resp:	51605
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.1	15.3
85	64.7	33.0	99.0

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#76

1,2,3-Trichloropropane

Concen: 18.217 ug/l m

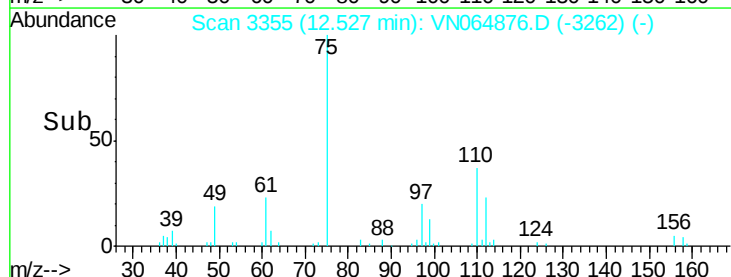
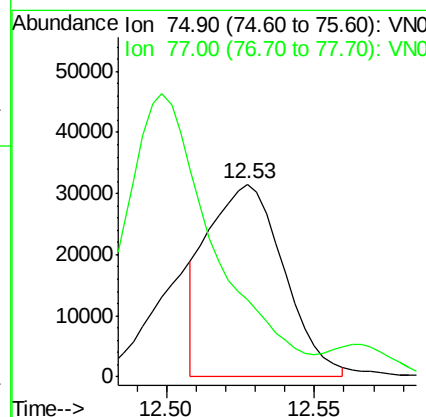
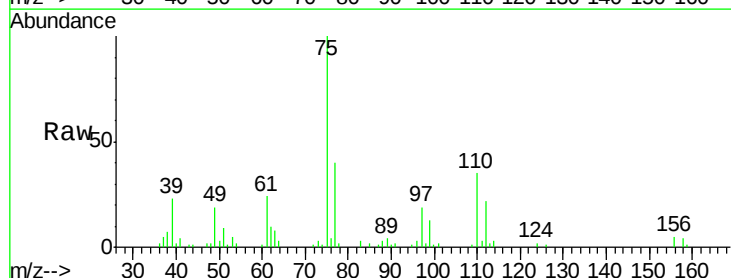
RT: 12.53 min Scan# 3355

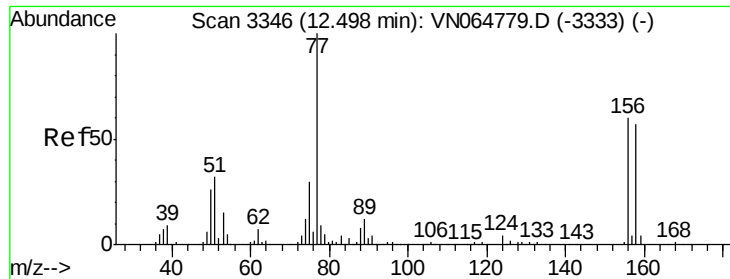
Delta R.T. 0.00 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

Tgt Ion:	75	Resp:	55962
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





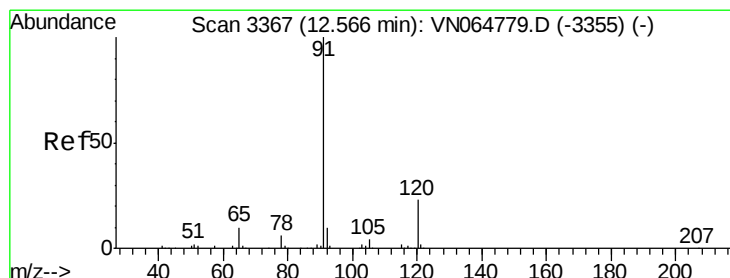
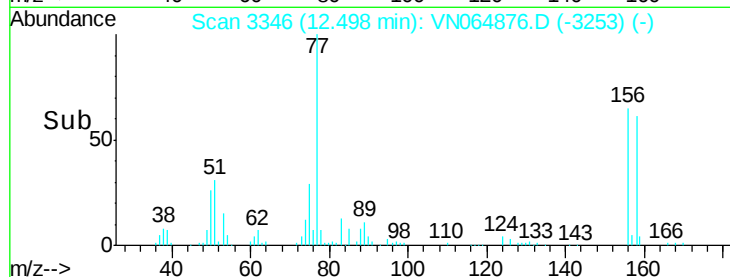
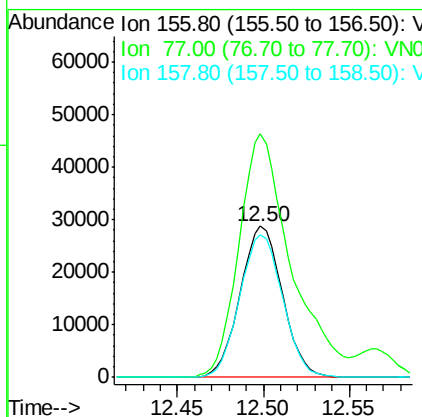
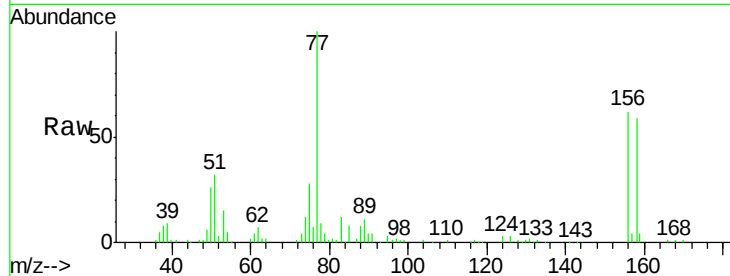
#77
Bromobenzene
Concen: 18.303 ug/l
RT: 12.50 min Scan# 3346
Delta R.T. 0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

Instrument :
MSVOA_N
ClientSampled :
VN1201WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	199.1	101.3	303.7
158	95.9	48.2	144.6

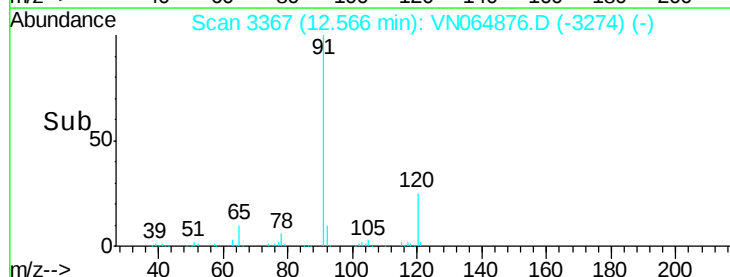
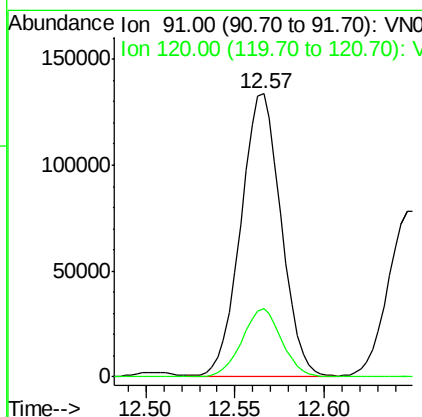
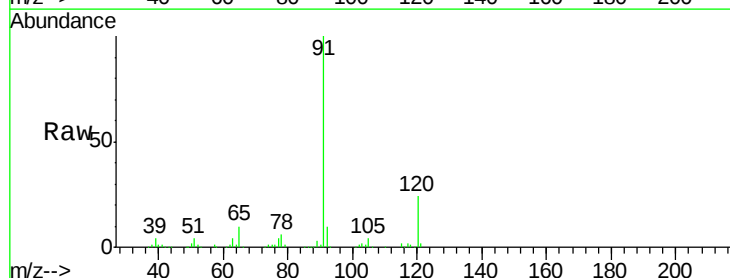
Manual Integrations
APPROVED

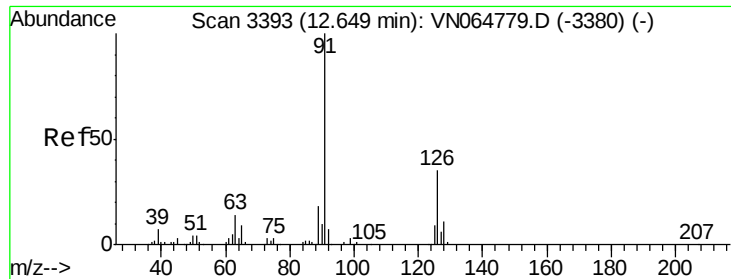
MMDadoda
12/2/2020 12:43:23 PM



#78
n-propylbenzene
Concen: 18.574 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. 0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.8	11.6	34.7





#79

2-Chlorotoluene

Concen: 18.465 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

Instrument :

MSVOA_N

ClientSampled :

VN1201WBS01

Tot Ion: 91 Resp: 129013

Ion Ratio Lower Upper

91 100

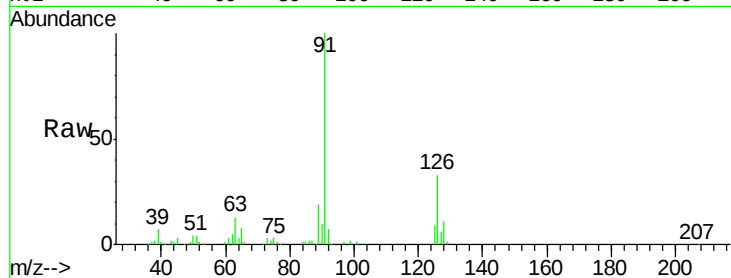
126 34.1 17.2 51.6

Manual Integrations

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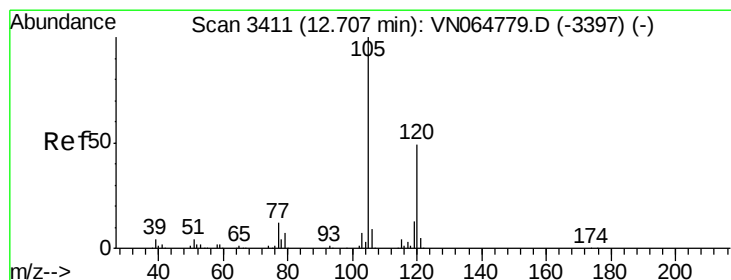
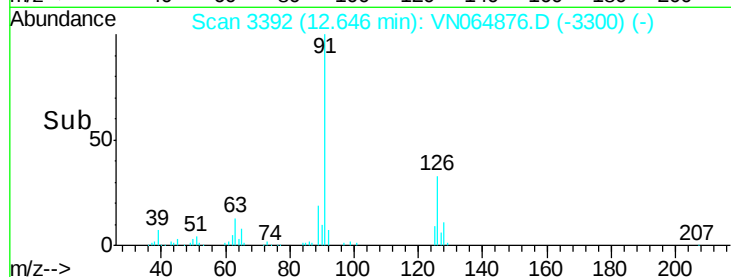
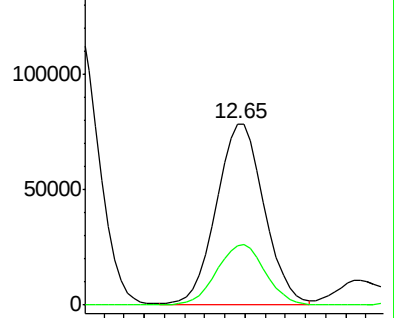
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VN064876.D (-3392) (-)

Ion 125.90 (125.60 to 126.60): VN064876.D (-3392) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.988 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064876.D

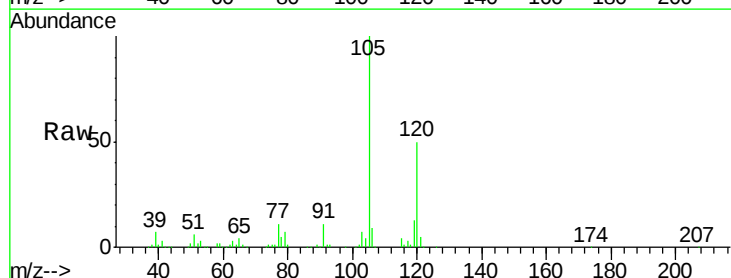
Acq: 1 Dec 2020 12:30

Tgt Ion: 105 Resp: 156599

Ion Ratio Lower Upper

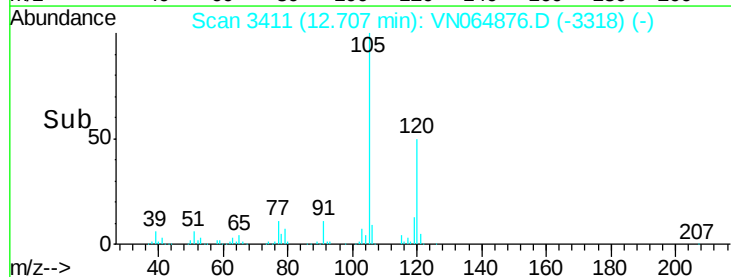
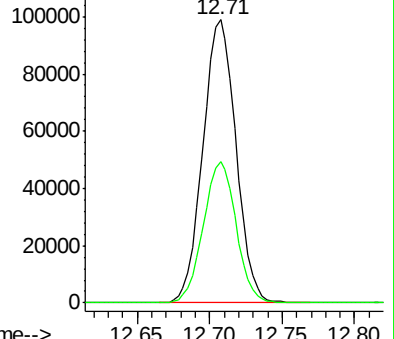
105 100

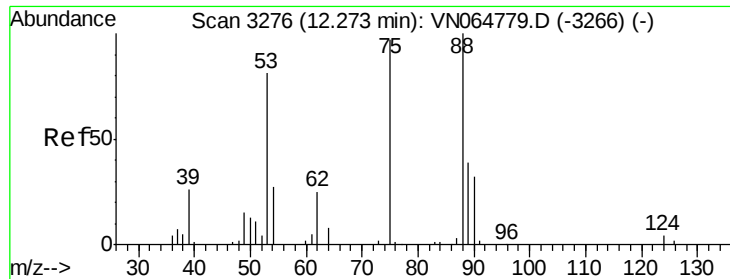
120 49.4 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): VN064876.D (-3411) (-)

Ion 120.00 (119.70 to 120.70): VN064876.D (-3411) (-)





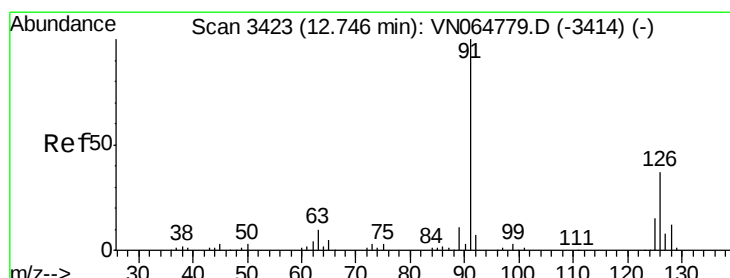
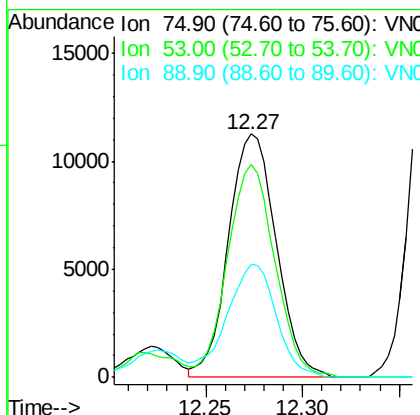
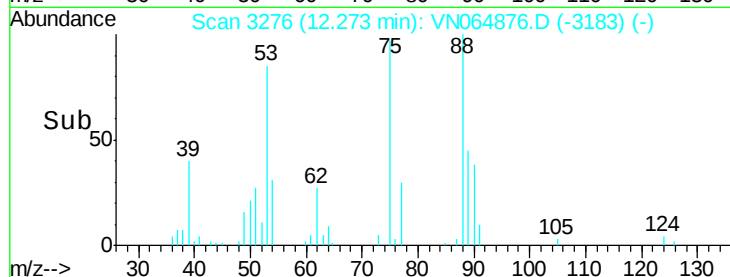
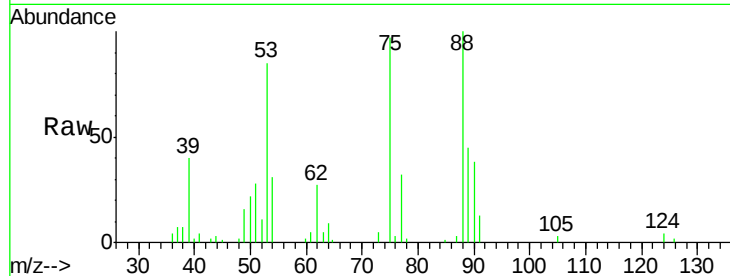
#81
trans-1,4-Dichloro-2-butene
Concen: 17.263 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. 0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	86.9	67.0	100.4
89	47.7	39.6	59.4

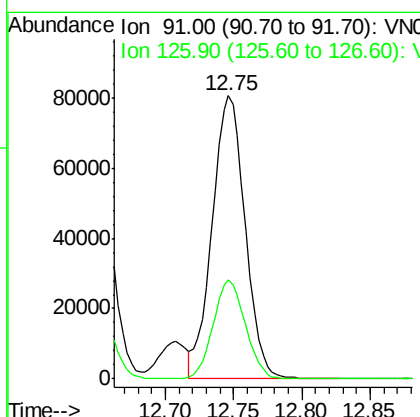
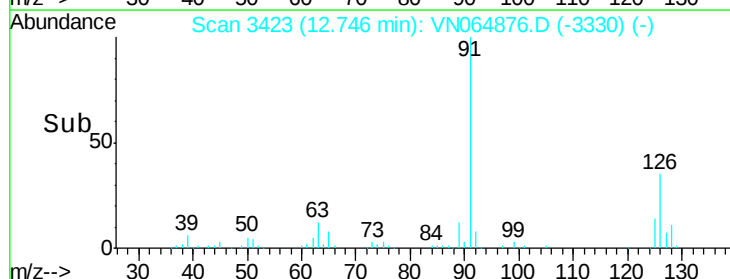
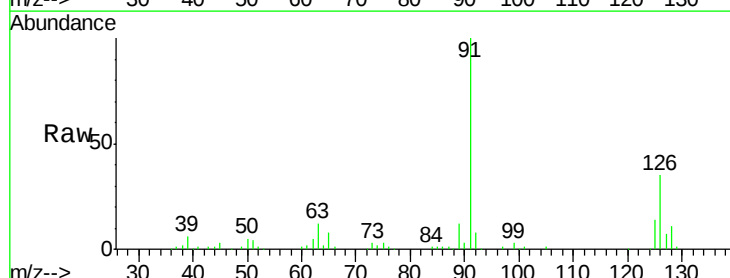
Manual Integrations
APPROVED

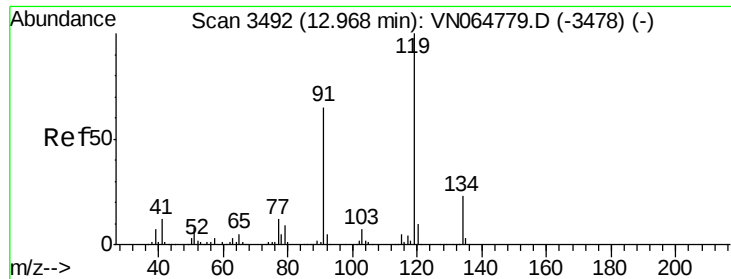
MMDadoda
12/2/2020 12:43:23 PM



#82
4-Chlorotoluene
Concen: 18.470 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.2	16.9	50.7





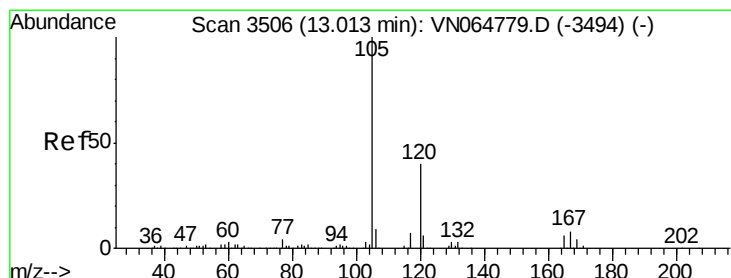
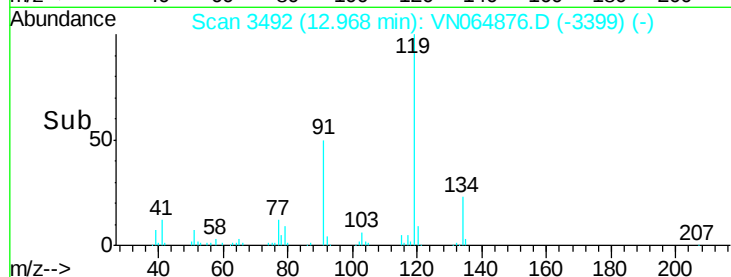
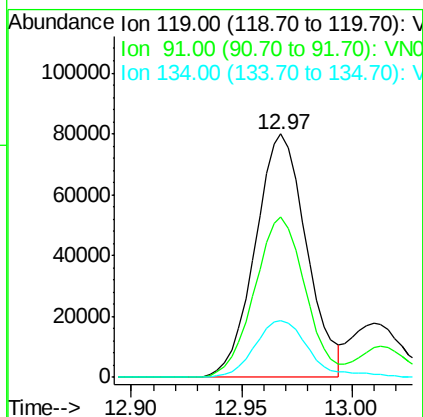
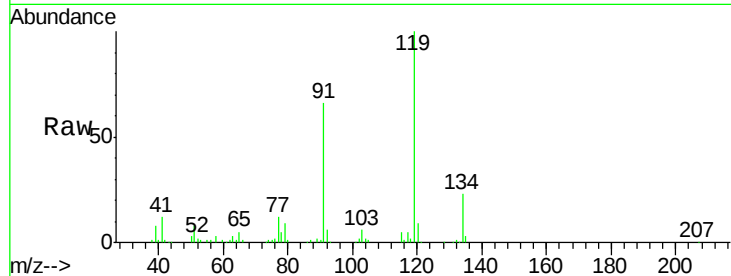
#83
 tert-Butylbenzene
 Concen: 18.627 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064876.D
 Acq: 1 Dec 2020 12:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1201WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	128764		
91	65.6	32.3	96.8	
134	24.9	12.6	37.6	

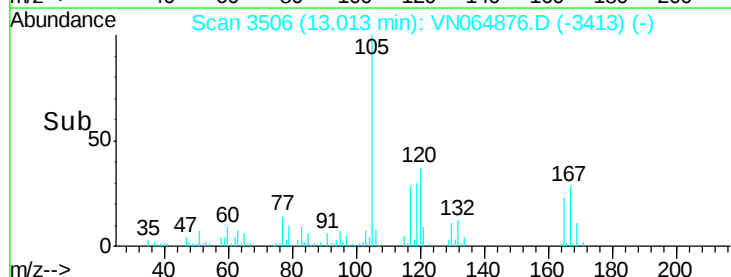
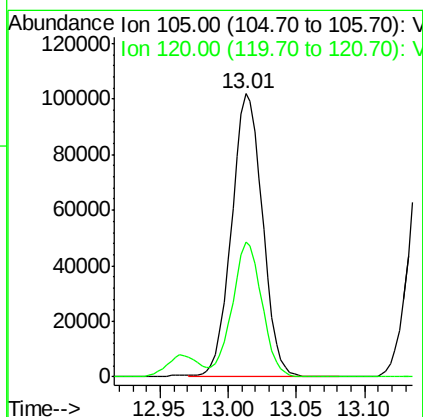
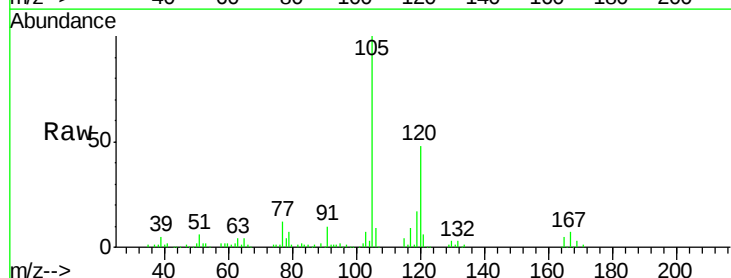
Manual Integrations
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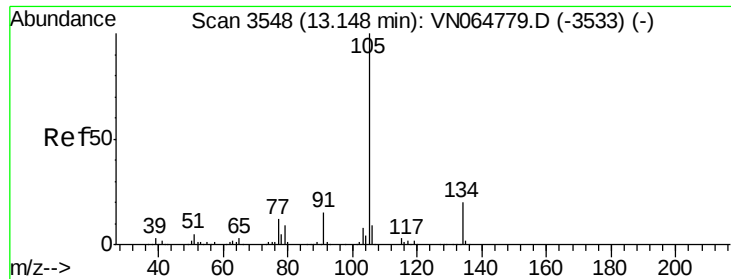
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.155 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064876.D
 Acq: 1 Dec 2020 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	159726		
120	46.4	23.1	69.2	





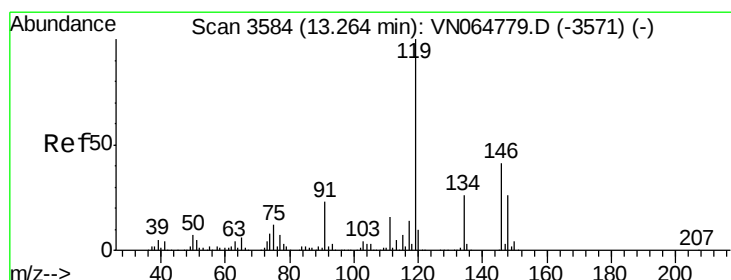
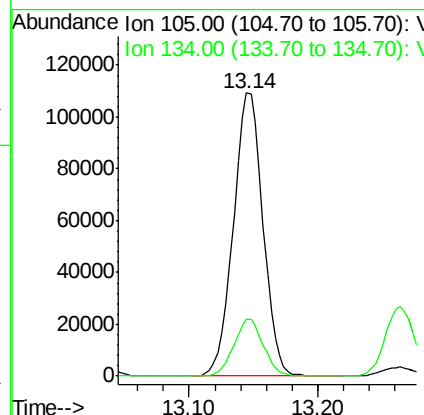
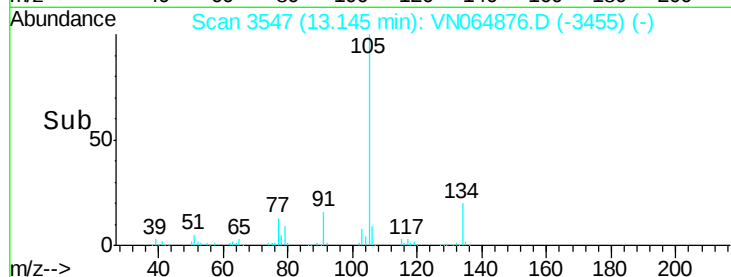
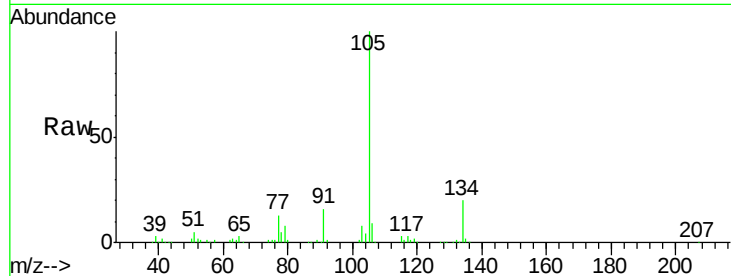
#85
 sec-Butylbenzene
 Concen: 18.939 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064876.D
 Acq: 1 Dec 2020 12:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1201WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.9	10.1	30.1

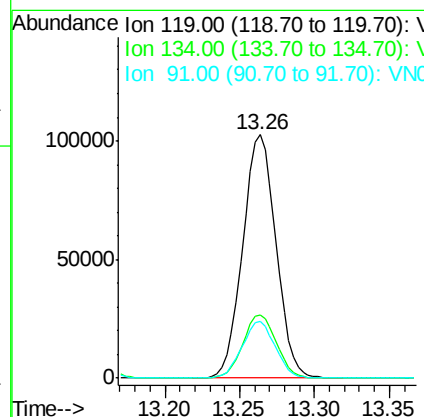
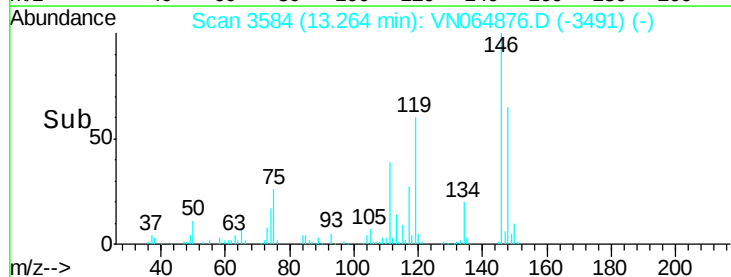
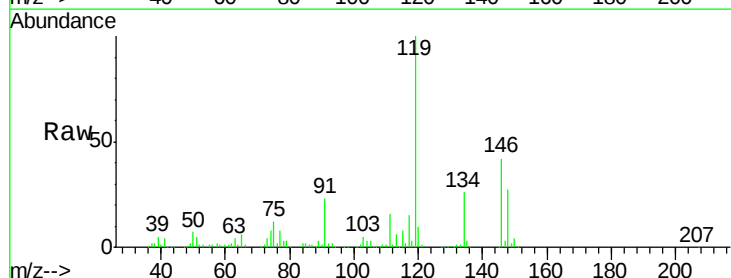
Manual Integrations
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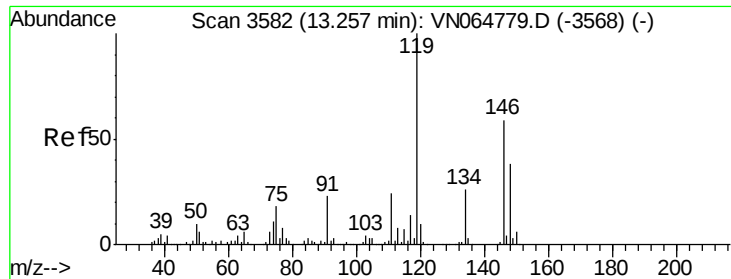
MMDadoda
 12/2/2020 12:43:23 PM



#86
 p-Isopropyltoluene
 Concen: 19.040 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064876.D
 Acq: 1 Dec 2020 12:30

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.1	39.1
91	23.3	11.5	34.5





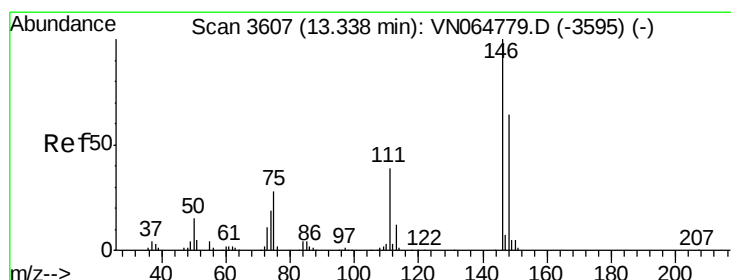
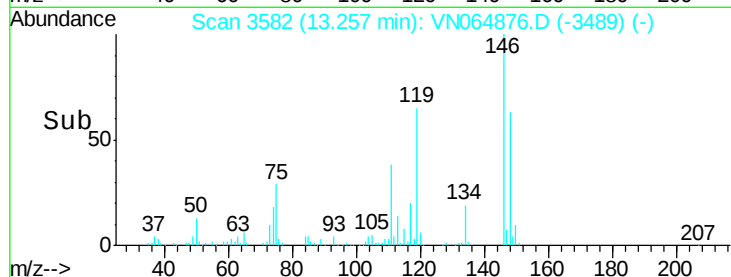
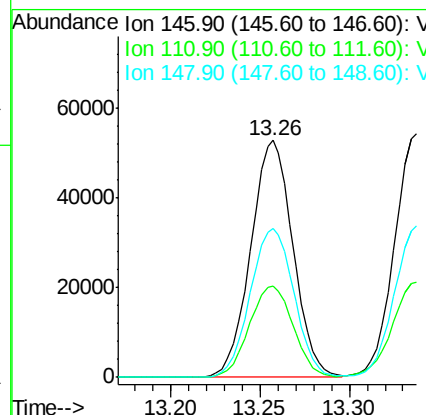
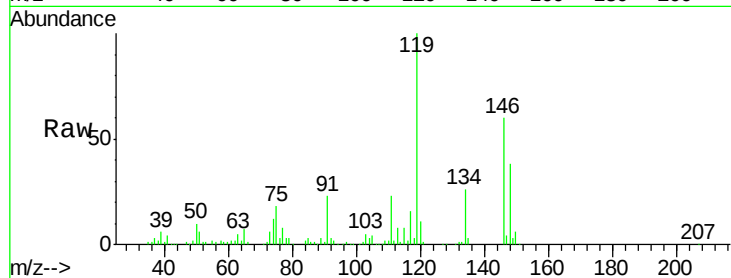
#87
 1,3-Dichlorobenzene
 Concen: 18.410 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064876.D
 Acq: 1 Dec 2020 12:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1201WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.6	61.9
148	65.0	31.9	95.5

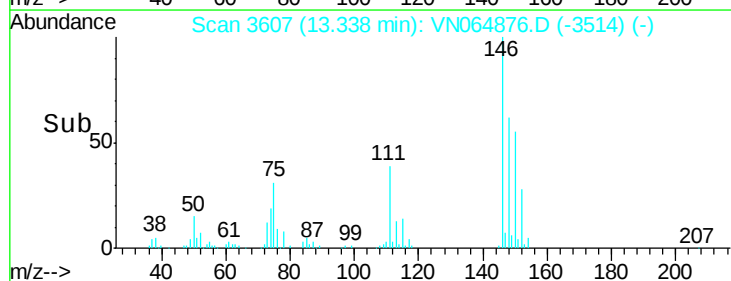
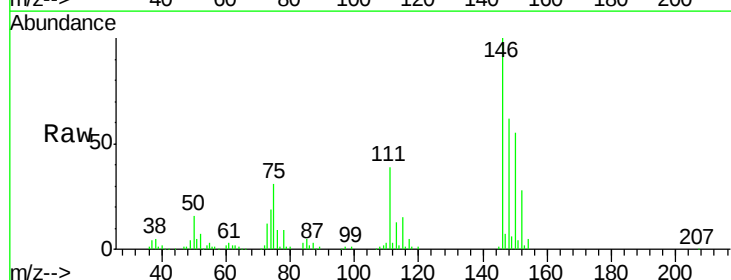
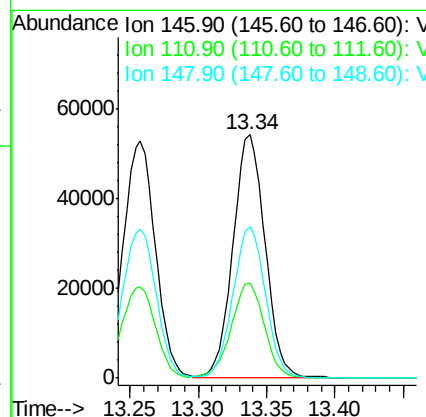
Manual Integrations
 APPROVED

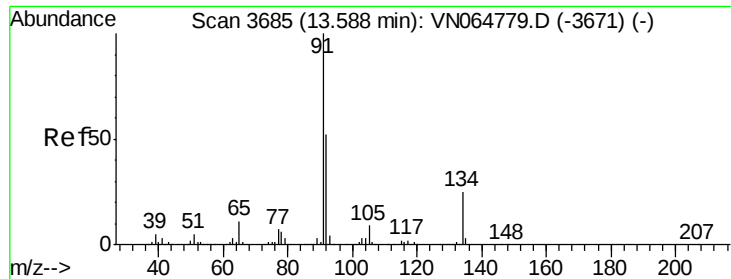
MMDadoda
 12/2/2020 12:43:23 PM



#88
 1,4-Dichlorobenzene
 Concen: 17.680 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064876.D
 Acq: 1 Dec 2020 12:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.8	59.3
148	62.9	31.9	95.5





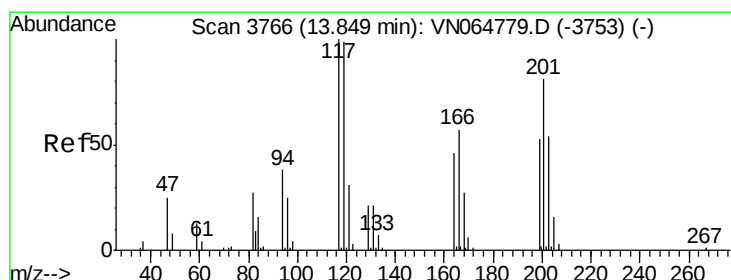
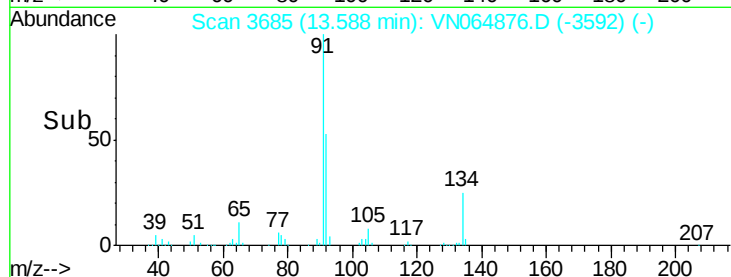
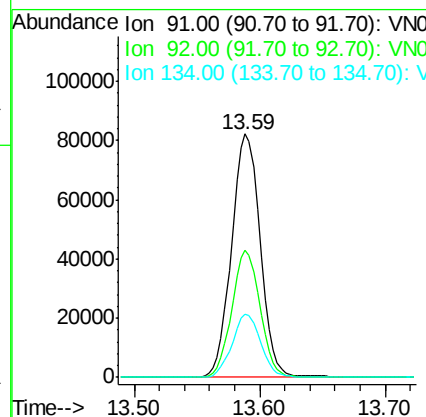
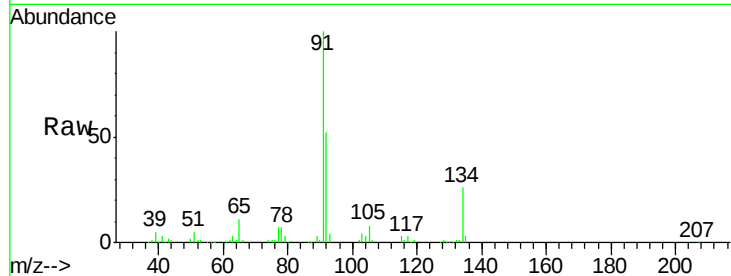
#89
n-Butylbenzene
Concen: 17.789 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.3	26.0	78.0
134	25.8	12.9	38.6

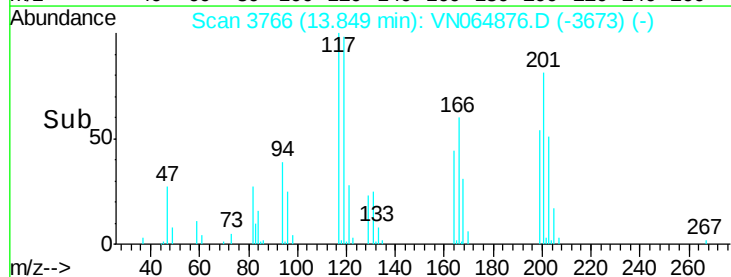
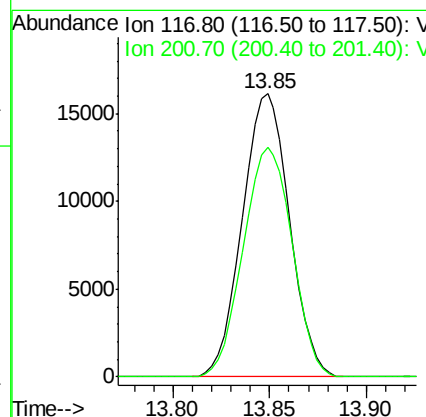
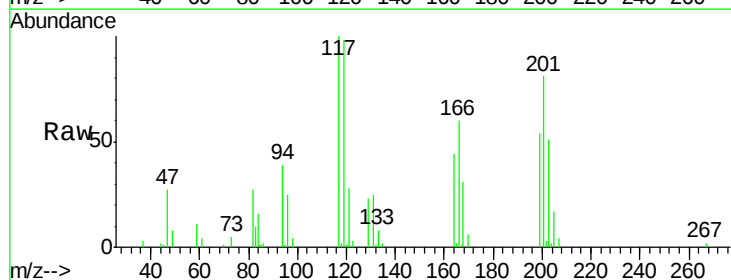
Manual Integrations
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#90
Hexachloroethane
Concen: 18.854 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064876.D
Acq: 1 Dec 2020 12:30

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.0	40.1	120.3





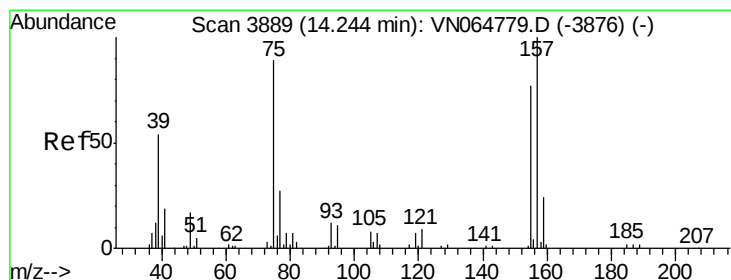
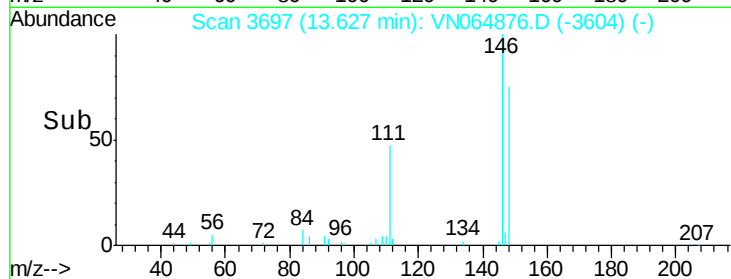
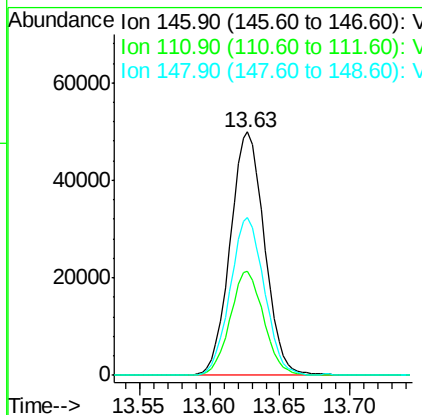
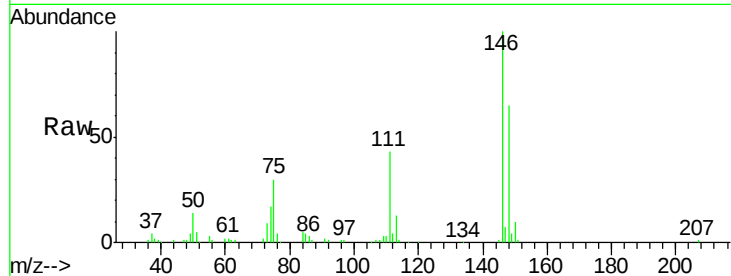
#91
 1,2-Dichlorobenzene
 Concen: 18.233 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064876.D
 Acq: 1 Dec 2020 12:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1201WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	21.1	63.1
148	64.4	32.0	96.2

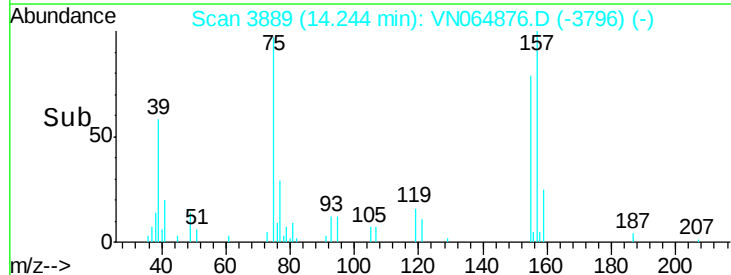
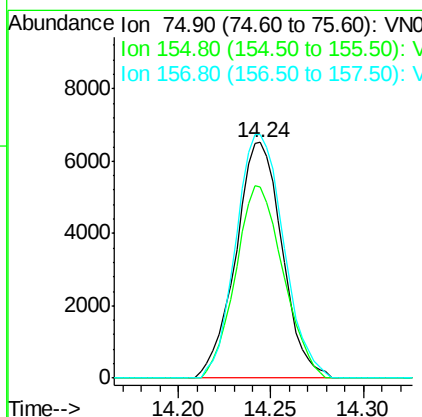
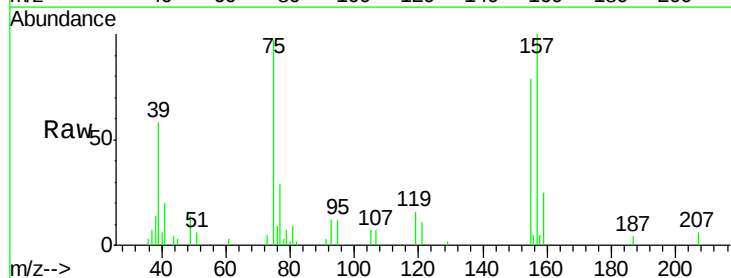
Manual Integrations
 APPROVED

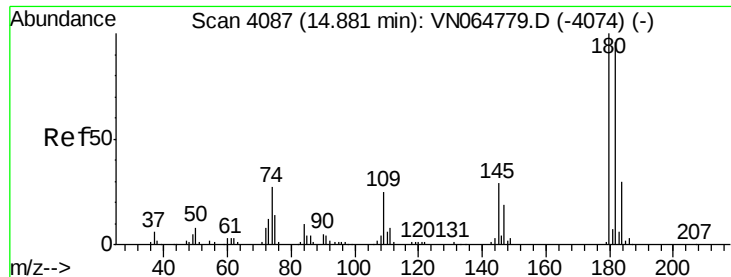
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 12/2/2020 12:43:23 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.278 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064876.D
 Acq: 1 Dec 2020 12:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.3	42.8	128.3
157	106.6	56.4	169.1





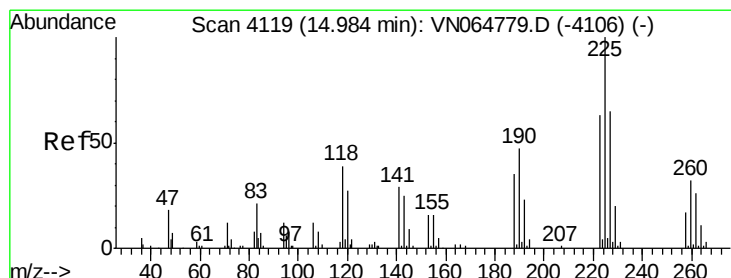
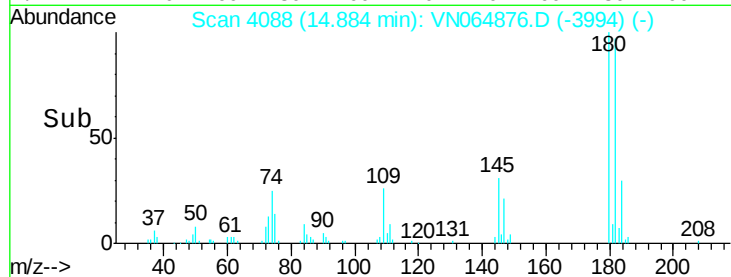
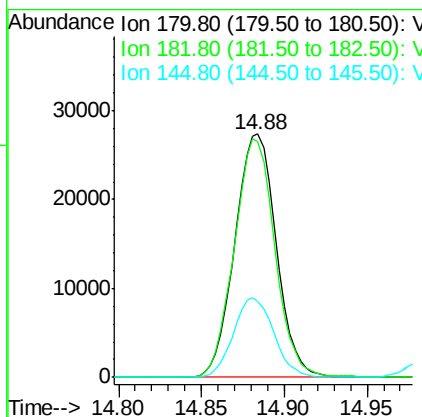
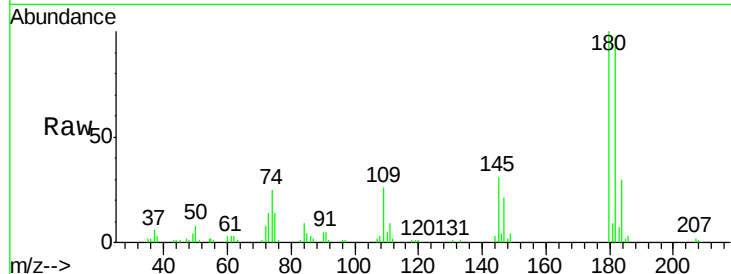
#93
 1,2,4-Trichlorobenzene
 Concen: 16.447 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN064876.D
 Acq: 1 Dec 2020 12:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1201WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.7	47.6	142.9
145	31.7	15.3	45.8

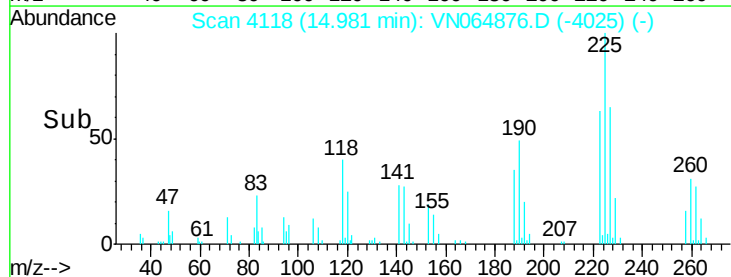
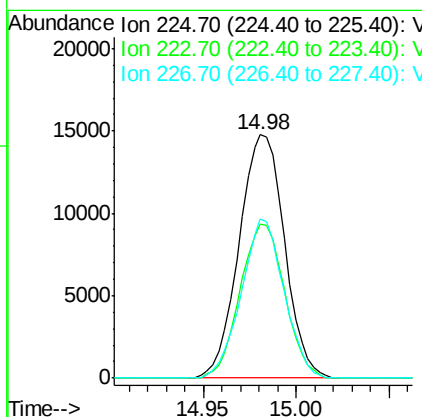
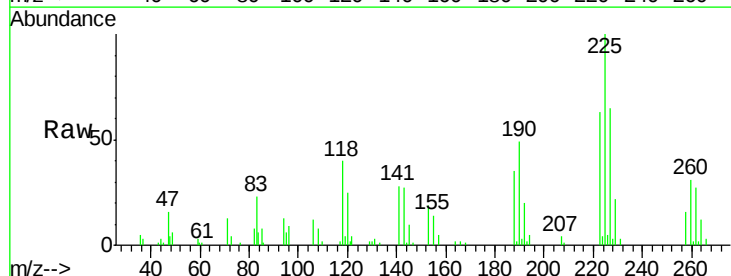
Manual Integrations
 APPROVED

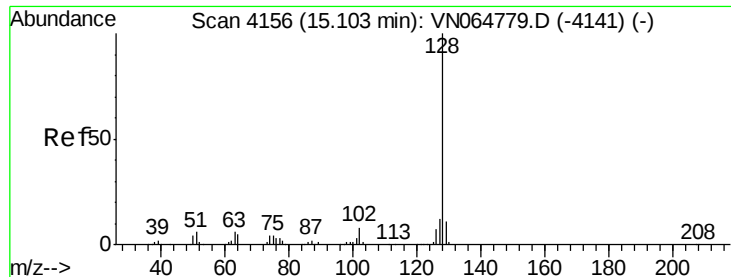
MMDadoda
 12/2/2020 12:43:23 PM



#94
 Hexachlorobutadiene
 Concen: 19.608 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064876.D
 Acq: 1 Dec 2020 12:30

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	31.0	93.0
227	61.3	32.0	96.0





#95

Naphthalene

Concen: 15.367 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

Instrument :

MSVOA_N

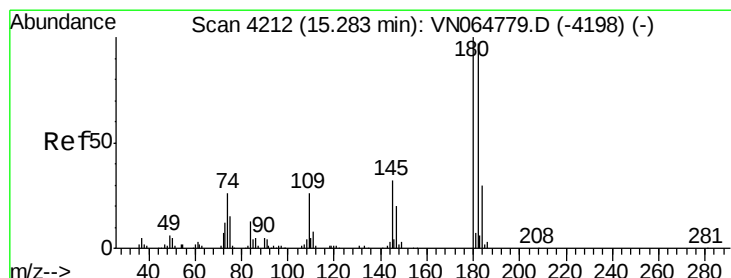
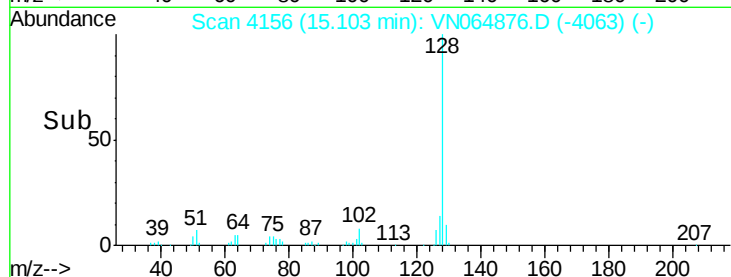
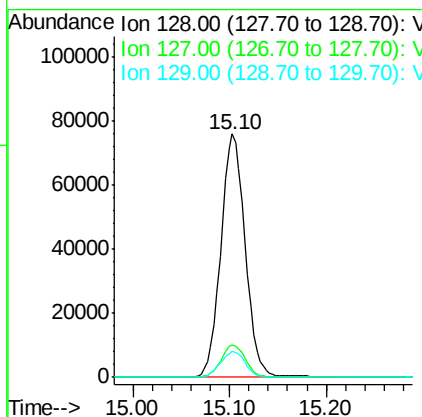
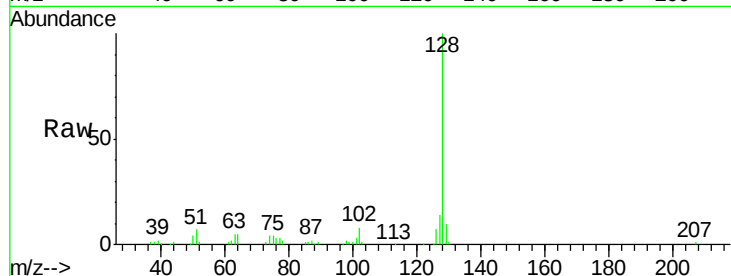
ClientSampleId :

VN1201WBS01

Tot Ion	128	Resp	132898
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.3	15.5
129	10.7	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
12/2/2020 12:43:23 PM



#96

1,2,3-Trichlorobenzene

Concen: 17.725 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064876.D

Acq: 1 Dec 2020 12:30

Tgt Ion	180	Resp	46089
Ion Ratio	Lower	Upper	
180	100		
182	96.9	48.1	144.4
145	31.4	16.4	49.1

