

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN103020\
 Data File : VN064392.D
 Acq On : 30 Oct 2020 11:51
 Operator : JC/MD
 Sample : VN1030WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/2/2020 4:11:34 PM

Quant Time: Oct 30 13:47:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 12:23:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	243412	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	397731	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	356547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	169768	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	191898	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
35) Dibromofluoromethane	7.55	113	134530	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
50) Toluene-d8	10.06	98	485519	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
62) 4-Bromofluorobenzene	12.37	95	187165	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	49891	17.831	ug/l	97
3) Chloromethane	2.04	50	52985	17.518	ug/l	100
4) Vinyl Chloride	2.16	62	54151	18.509	ug/l	98
5) Bromomethane	2.54	94	33214	17.570	ug/l	96
6) Chloroethane	2.68	64	33443	19.131	ug/l	96
7) Trichlorofluoromethane	2.99	101	95838	19.554	ug/l	99
8) Diethyl Ether	3.37	74	28598	18.445	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	47213	19.166	ug/l	97
10) Methyl Iodide	3.91	142	50231	15.281	ug/l #	96
11) Tert butyl alcohol	4.73	59	45288	79.756	ug/l	97
12) 1,1-Dichloroethene	3.70	96	43184	18.570	ug/l	96
13) Acrolein	3.57	56	7965	77.747	ug/l	100
14) Allyl chloride	4.28	41	82139	17.298	ug/l	100
15) Acrylonitrile	4.93	53	108631	88.961	ug/l	100
16) Acetone	3.77	43	121535	86.326	ug/l	97
17) Carbon Disulfide	4.01	76	114963	16.709	ug/l	98
18) Methyl Acetate	4.28	43	52896	18.002	ug/l	100
19) Methyl tert-butyl Ether	4.98	73	164233	18.381	ug/l	100
20) Methylene Chloride	4.51	84	51191	18.453	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	47700	18.387	ug/l	97
22) Diisopropyl ether	5.90	45	173111	18.651	ug/l	95
23) Vinyl Acetate	5.84	43	718654	91.522	ug/l	99
24) 1,1-Dichloroethane	5.80	63	95029	18.297	ug/l	97
25) 2-Butanone	6.78	43	163358	83.175	ug/l	97
26) 2,2-Dichloropropane	6.78	77	93669	18.428	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	56076	18.888	ug/l	99
28) Bromochloromethane	7.15	49	42354	17.117	ug/l	97
29) Tetrahydrofuran	7.16	42	104621	82.054	ug/l	97
30) Chloroform	7.33	83	102040	18.407	ug/l	99
31) Cyclohexane	7.61	56	76929	16.946	ug/l	96
32) 1,1,1-Trichloroethane	7.52	97	96761	18.177	ug/l	99
36) 1,1-Dichloropropene	7.75	75	74038	18.445	ug/l	99
37) Ethyl Acetate	6.88	43	65726	16.210	ug/l	97
38) Carbon Tetrachloride	7.73	117	87022	18.700	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	64428	16.187	ug/l	97
40) Benzene	8.00	78	203844	18.244	ug/l	98
41) Methacrylonitrile	7.13	41	31849m	15.824	ug/l	
42) 1,2-Dichloroethane	8.08	62	92622	19.190	ug/l	100
43) Isopropyl Acetate	8.12	43	126647	18.273	ug/l #	88
44) Trichloroethene	8.80	130	54740	18.702	ug/l	96
45) 1,2-Dichloropropane	9.08	63	54152	18.099	ug/l	95
46) Dibromomethane	9.17	93	39048	18.655	ug/l	98
47) Bromodichloromethane	9.37	83	80795	17.417	ug/l	98
48) Methyl methacrylate	9.16	41	60953	17.045	ug/l	99
49) 1,4-Dioxane	9.16	88	17230	326.902	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	351726	87.302	ug/l	100
52) Toluene	10.12	92	131018	18.583	ug/l	96
53) t-1,3-Dichloropropene	10.35	75	89783	18.305	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	91840	18.190	ug/l	95
55) 1,1,2-Trichloroethane	10.53	97	49908	17.933	ug/l	94
56) Ethyl methacrylate	10.40	69	71408	16.950	ug/l	96
57) 1,3-Dichloropropane	10.68	76	87568	18.445	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	181176	78.808	ug/l	100
59) 2-Hexanone	10.72	43	257625	86.823	ug/l	98
60) Dibromochloromethane	10.87	129	59342	18.034	ug/l	98
61) 1,2-Dibromoethane	10.98	107	54041	19.057	ug/l	98
64) Tetrachloroethene	10.60	164	54526	18.607	ug/l	95
65) Chlorobenzene	11.41	112	139689	19.325	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	55217	18.900	ug/l	97
67) Ethyl Benzene	11.48	91	248774	18.512	ug/l	99
68) m/p-Xylenes	11.59	106	179083	35.959	ug/l	96
69) o-Xylene	11.92	106	89126	18.575	ug/l	98
70) Styrene	11.94	104	144290	18.342	ug/l	97
71) Bromoform	12.10	173	40675	17.739	ug/l #	96
73) Isopropylbenzene	12.22	105	234629	18.453	ug/l	95
74) N-amyl acetate	12.04	43	99765	17.826	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	68865	18.633	ug/l	95
76) 1,2,3-Trichloropropane	12.53	75	69585m	17.116	ug/l	
77) Bromobenzene	12.50	156	57425	18.443	ug/l	99
78) n-propylbenzene	12.56	91	258383	17.949	ug/l	100
79) 2-Chlorotoluene	12.65	91	166651	18.110	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	191146	17.766	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	24872	17.623	ug/l	95
82) 4-Chlorotoluene	12.75	91	174169	18.579	ug/l	100
83) tert-Butylbenzene	12.97	119	154231	17.469	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	192615	17.917	ug/l	99
85) sec-Butylbenzene	13.14	105	190191	16.647	ug/l	100
86) p-Isopropyltoluene	13.26	119	173416	16.849	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	98150	18.007	ug/l	96
88) 1,4-Dichlorobenzene	13.33	146	98110	17.672	ug/l	97
89) n-Butylbenzene	13.59	91	139665	15.403	ug/l	98
90) Hexachloroethane	13.85	117	32740	16.937	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	95834	17.685	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	15788	17.215	ug/l	99

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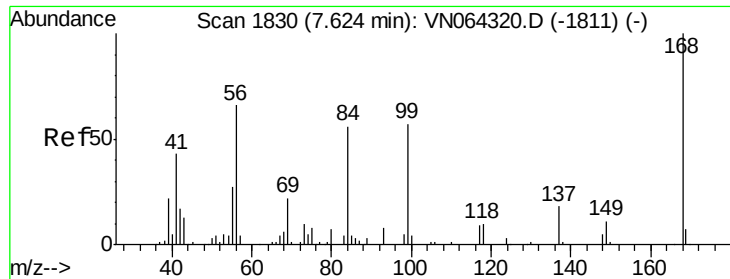
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	43203	15.330	ug/l	96
94) Hexachlorobutadiene	14.98	225	23853	14.344	ug/l	96
95) Naphthalene	15.10	128	132252	15.513	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	43084	15.907	ug/l	98

(#) = 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: VN064392.D

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Instrument :

MSVOA_N

ClientSampleId :

VN1030WBS01

Tot Ion:168 Resp: 243412

Ion Ratio Lower Upper

168 100

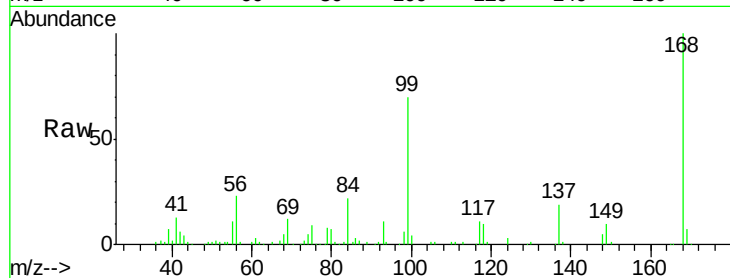
99 69.6 52.7 79.1

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.62

100000

80000

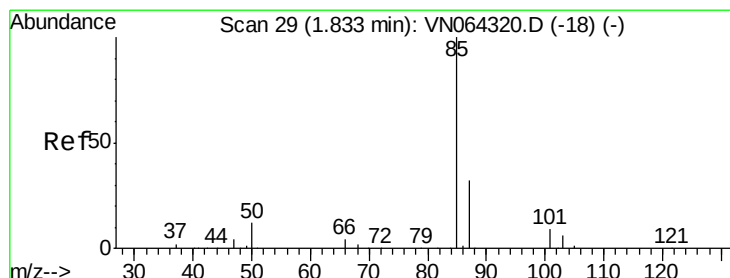
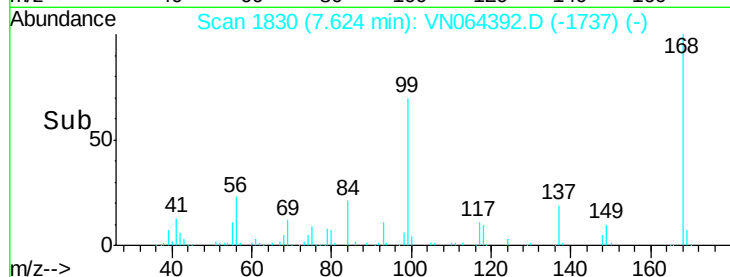
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 17.831 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064392.D

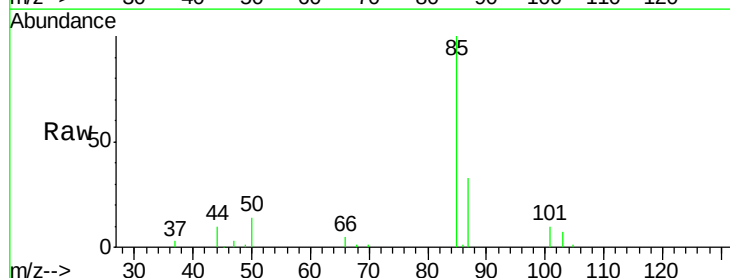
Acq: 30 Oct 2020 11:51

Tgt Ion: 85 Resp: 49891

Ion Ratio Lower Upper

85 100

87 33.4 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.83

40000

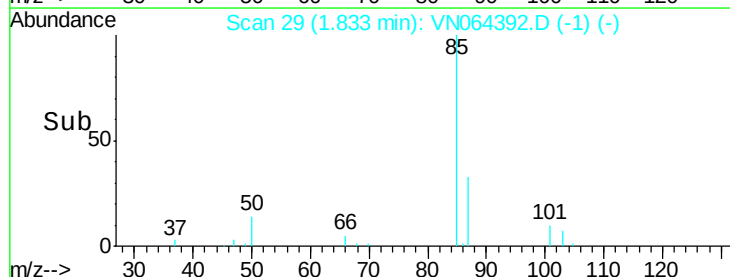
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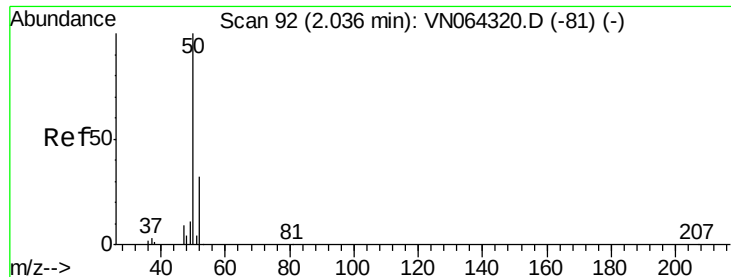
20000

10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 17.518 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN064392.D

Acq: 30 Oct 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

VN1030WBS01

Tot Ion: 50 Resp: 52985

Ion Ratio Lower Upper

50 100

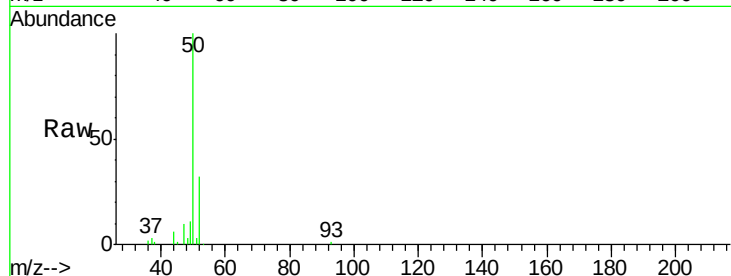
52 32.1 25.6 38.4

Manual Integrations

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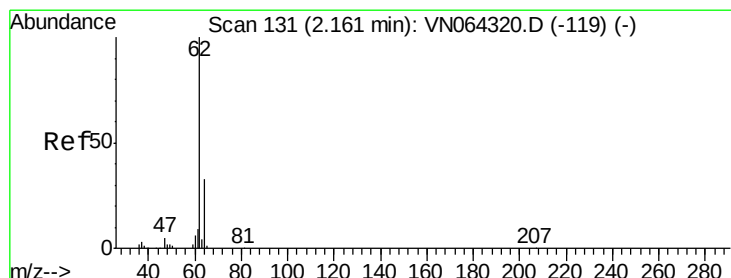
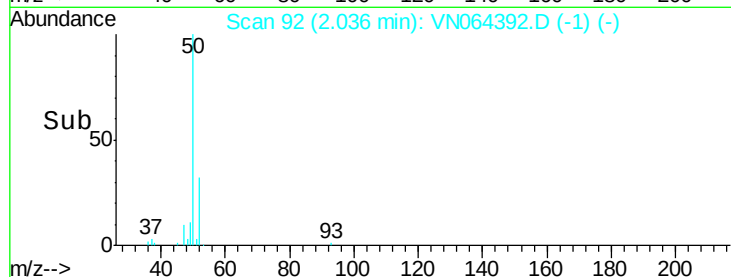
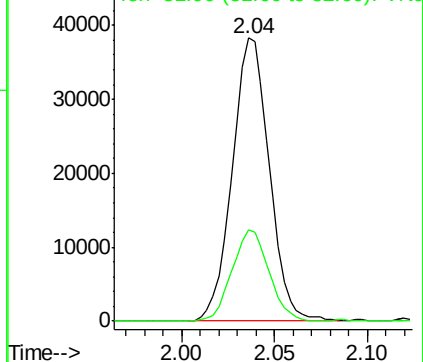
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 18.509 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064392.D

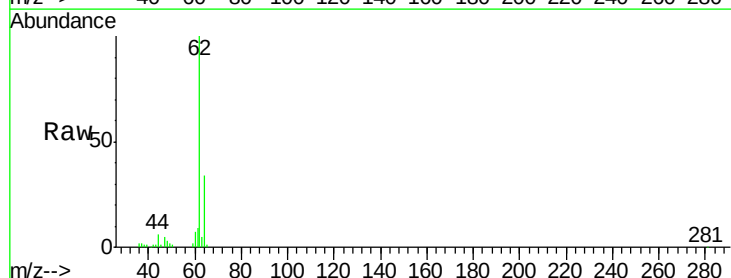
Acq: 30 Oct 2020 11:51

Tgt Ion: 62 Resp: 54151

Ion Ratio Lower Upper

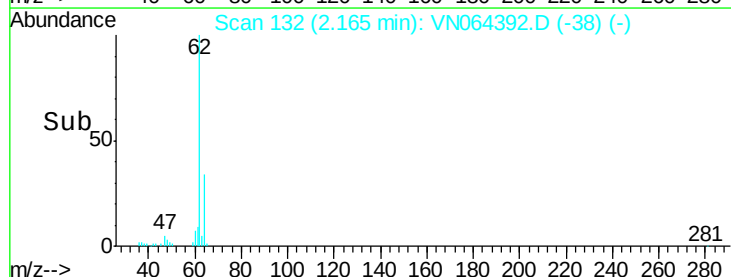
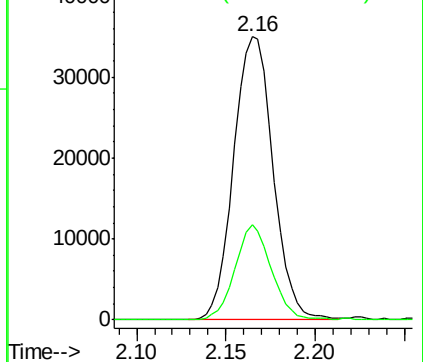
62 100

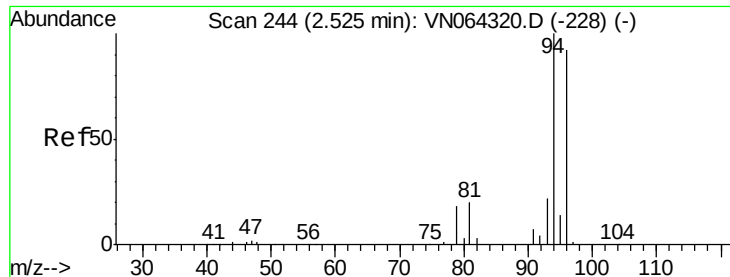
64 33.7 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 17.570 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

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Tot Ion: 94 Resp: 33214

Ion Ratio Lower Upper

94 100

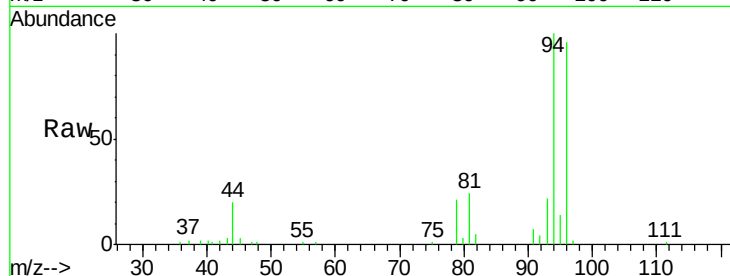
96 95.9 73.6 110.4

Manual Integrations

APPROVED

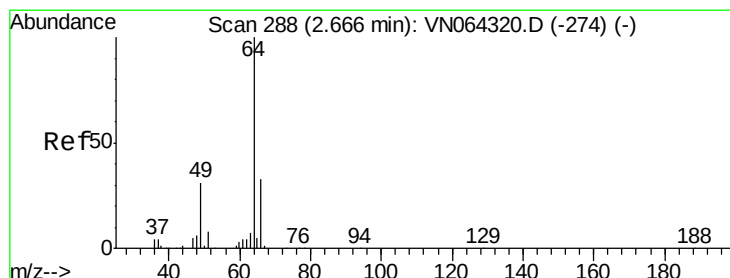
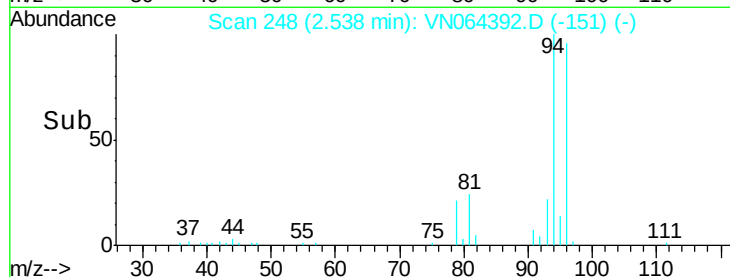
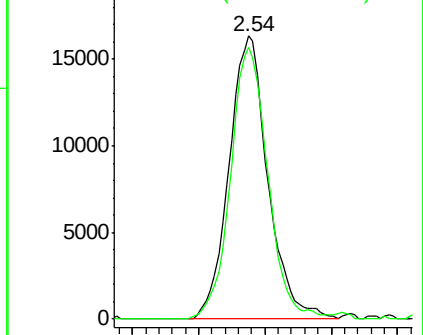
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Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 19.131 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN064392.D

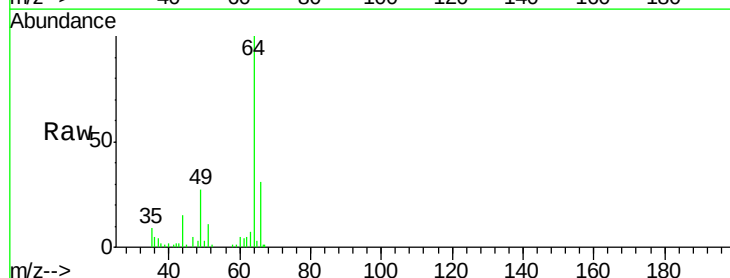
Acq: 30 Oct 2020 11:51

Tgt Ion: 64 Resp: 33443

Ion Ratio Lower Upper

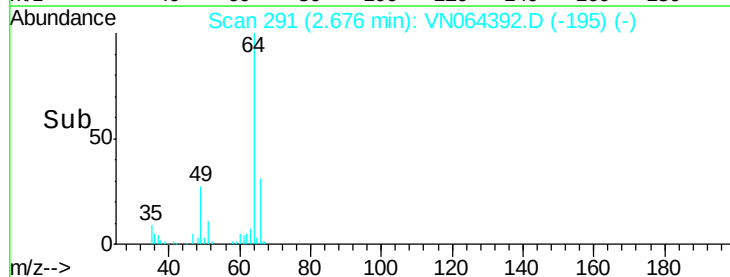
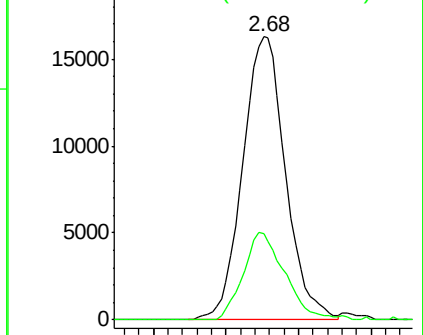
64 100

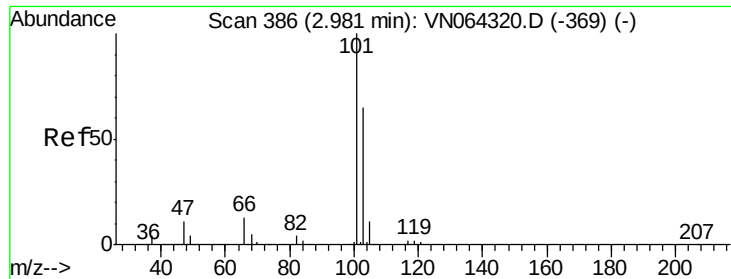
66 30.6 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO





#7

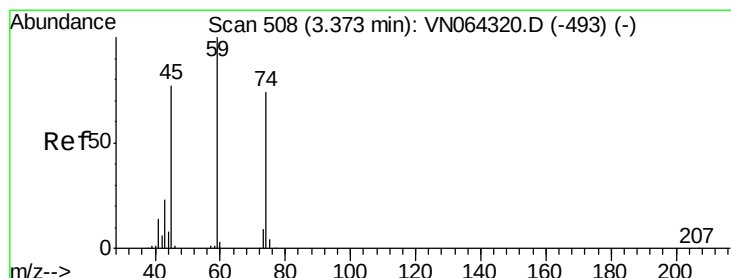
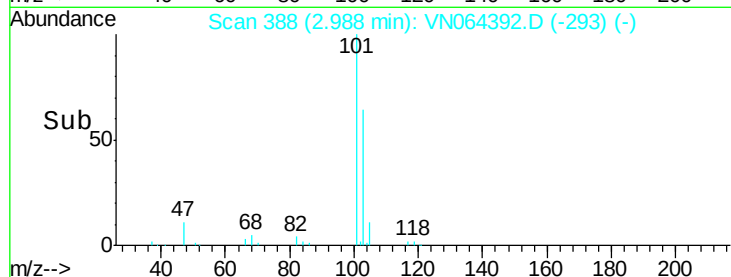
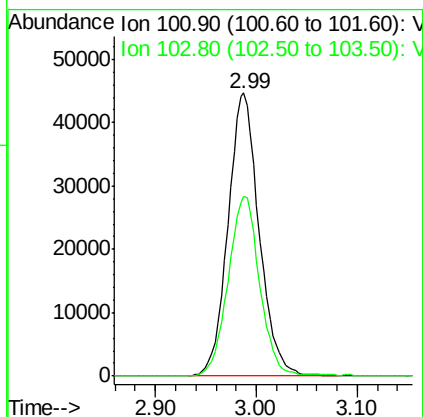
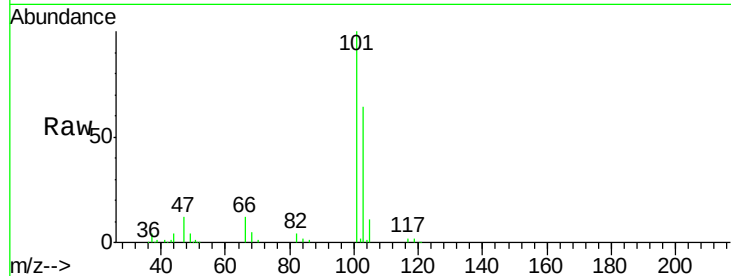
Trichlorofluoromethane
 Concen: 19.554 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.01 min
 Lab File: VN064392.D
 Acq: 30 Oct 2020 11:51

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.6	51.7	77.5

Manual Integrations
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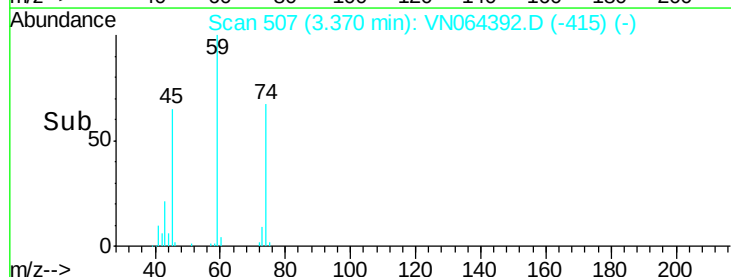
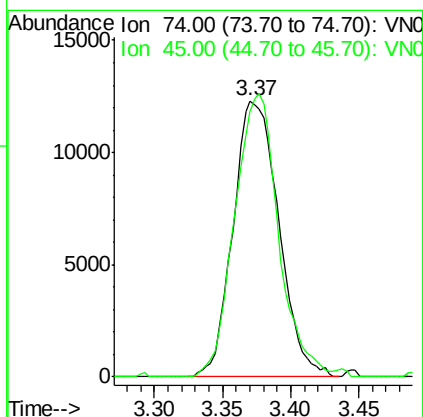
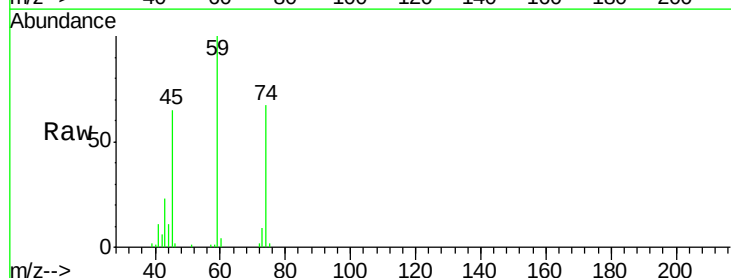
MMDadoda
 11/2/2020 4:11:34 PM

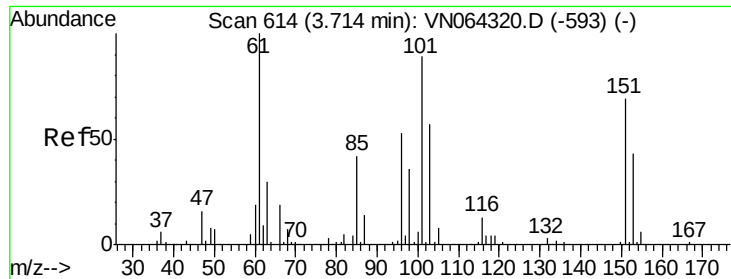


#8

Diethyl Ether
 Concen: 18.445 ug/l
 RT: 3.37 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: VN064392.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.8	51.3	154.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.166 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.01 min

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Instrument :

MSVOA_N

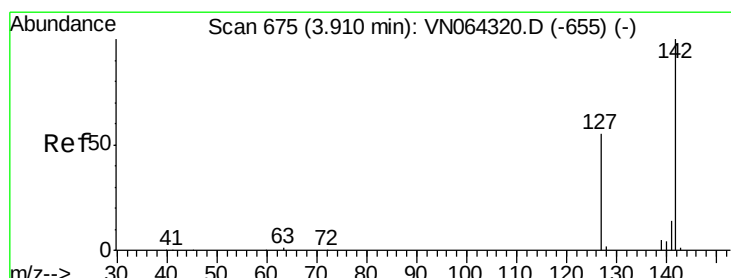
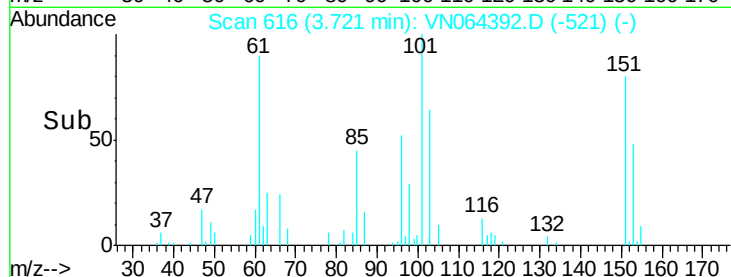
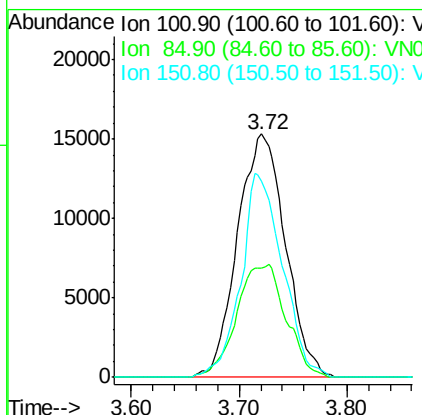
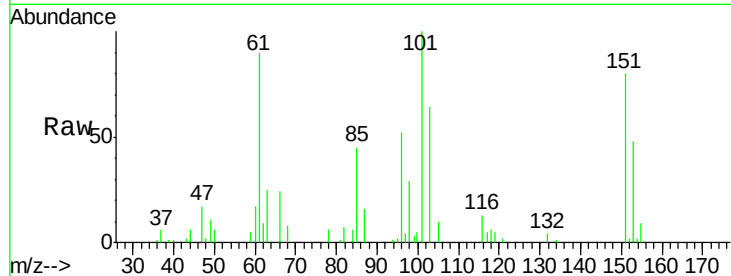
ClientSampleId :

VN1030WBS01

Tot Ion:	101	Resp:	47213
Ion Ratio	Lower	Upper	
101	100		
85	47.9	38.4	57.6
151	72.7	62.0	93.0

Manual Integrations
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#10

Methyl Iodide

Concen: 15.281 ug/l

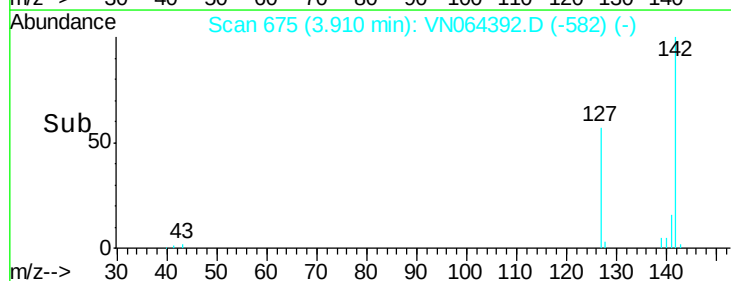
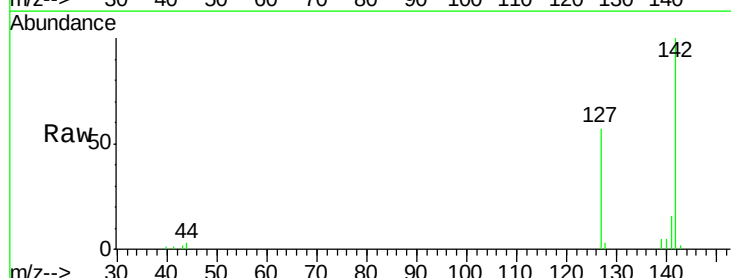
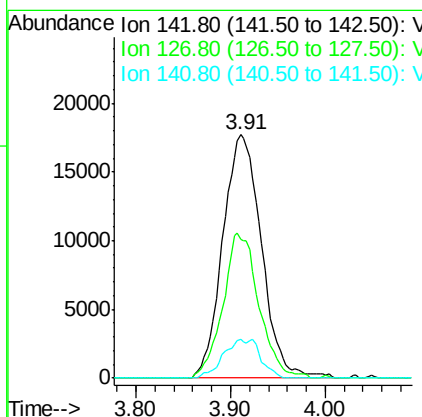
RT: 3.91 min Scan# 675

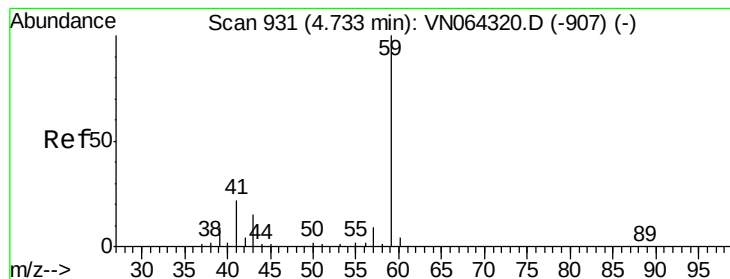
Delta R.T. 0.00 min

Lab File: VN064392.D

Acq: 30 Oct 2020 11:51

Tgt Ion:	142	Resp:	50231
Ion Ratio	Lower	Upper	
142	100		
127	55.3	43.3	64.9
141	9.7	11.5	17.3#





#11

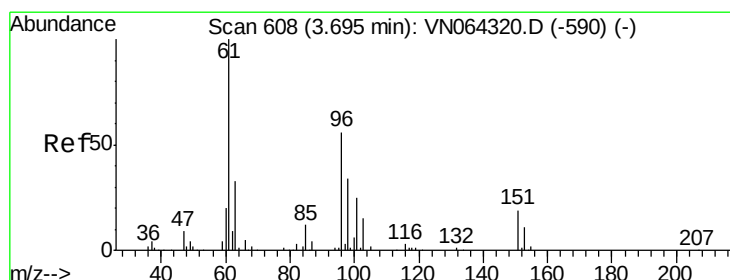
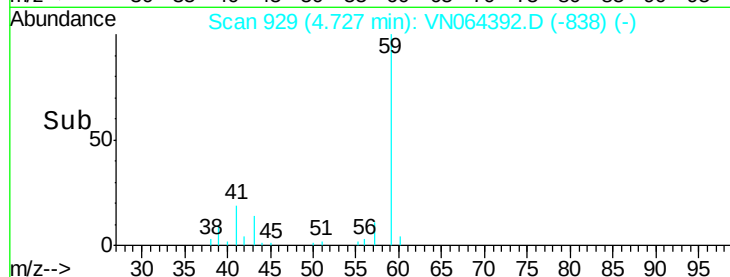
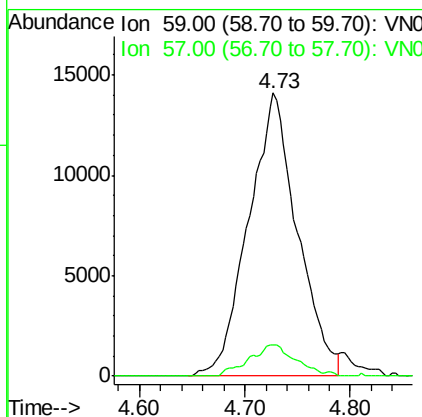
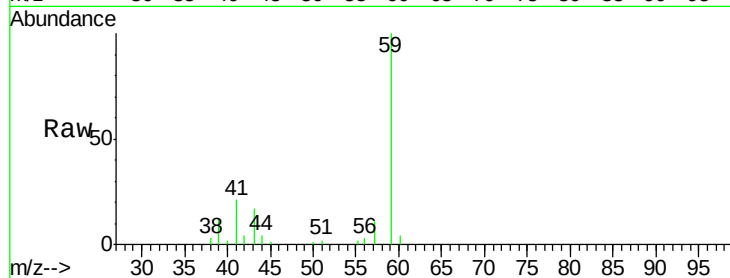
Tert butyl alcohol
Concen: 79.756 ug/l
RT: 4.73 min Scan# 929
Delta R.T. -0.01 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	9.4	14.0

Manual Integrations
APPROVED

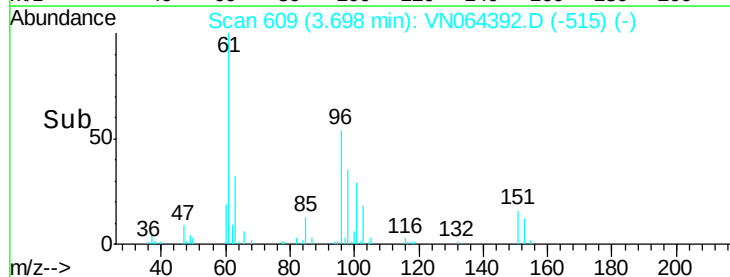
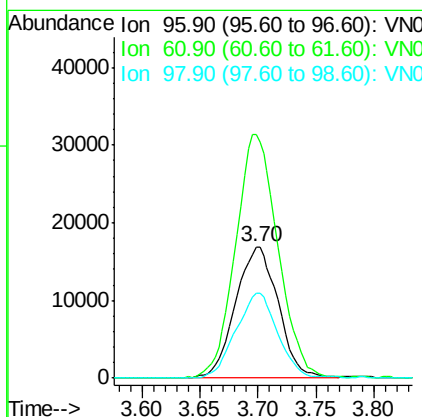
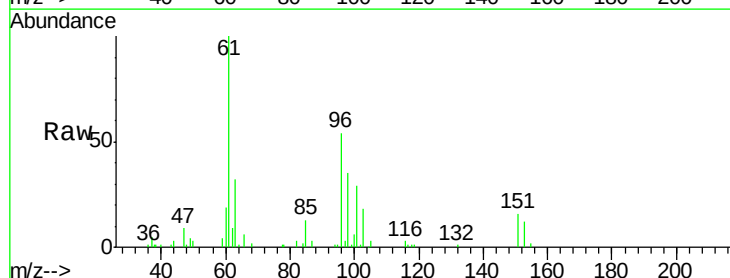
MMDadoda
11/2/2020 4:11:34 PM

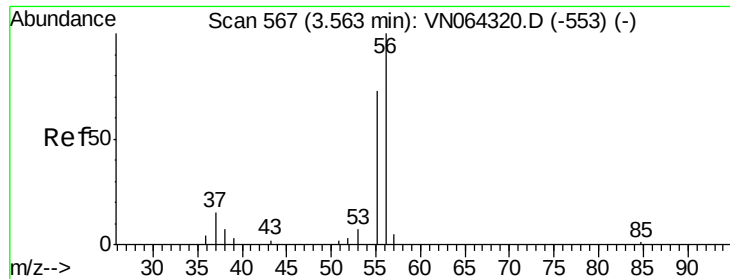


#12

1,1-Dichloroethene
Concen: 18.570 ug/l
RT: 3.70 min Scan# 609
Delta R.T. 0.00 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

Tgt Ion	Ratio	Lower	Upper
96	100		
61	184.0	143.6	215.4
98	64.4	48.6	73.0





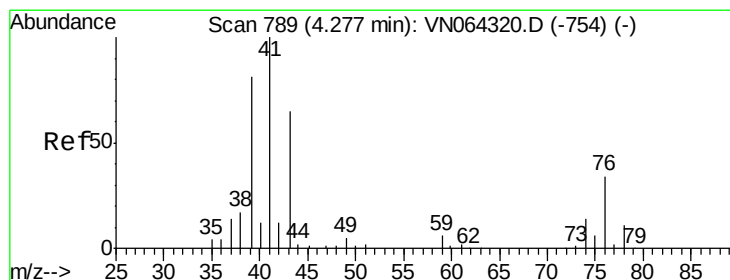
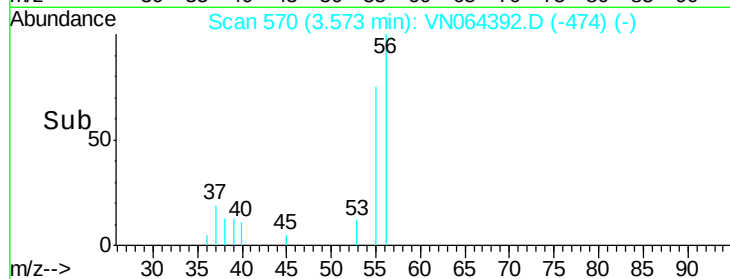
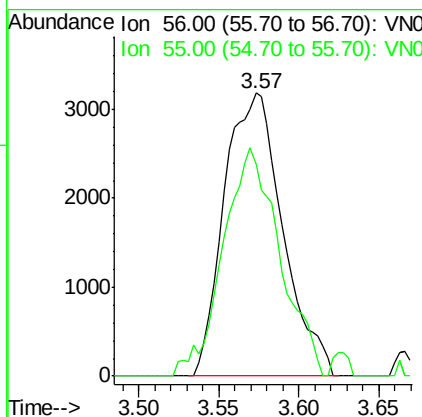
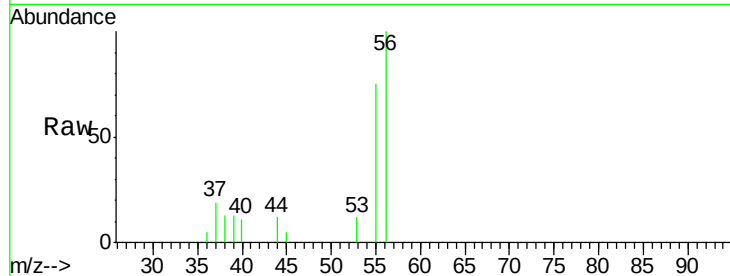
#13
 Acrolein
 Concen: 77.747 ug/l
 RT: 3.57 min Scan# 570
 Delta R.T. 0.01 min
 Lab File: VN064392.D
 Acq: 30 Oct 2020 11:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030WBS01

Tot Ion	56	55	Ratio	Lower	Upper
7965	100	78.2		62.6	94.0

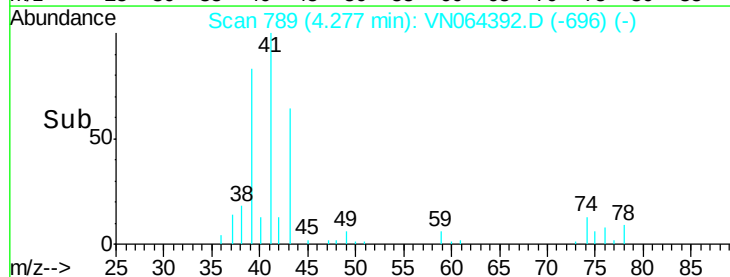
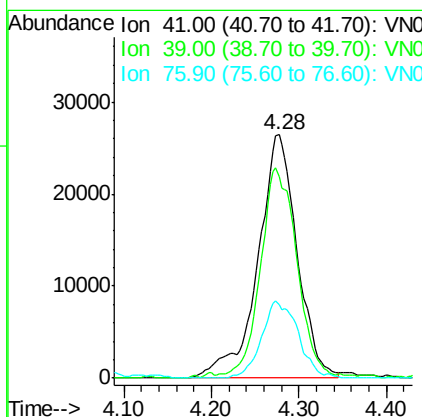
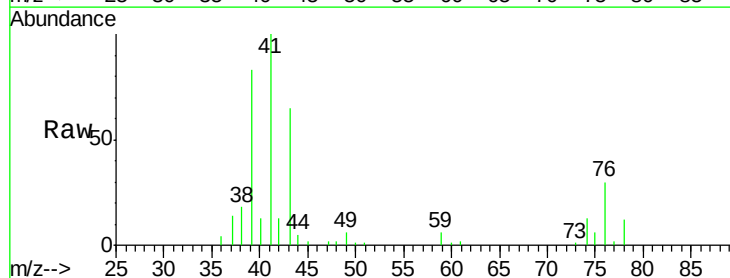
Manual Integrations
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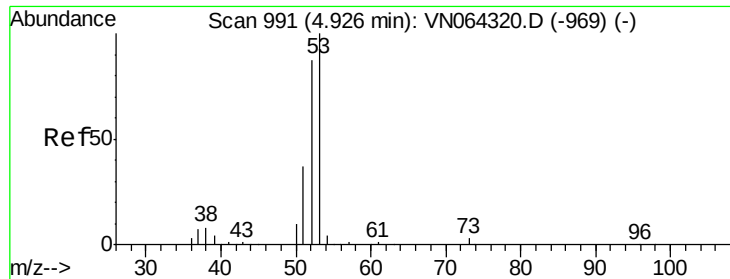
MMDadoda
 11/2/2020 4:11:34 PM



#14
 Allyl chloride
 Concen: 17.298 ug/l
 RT: 4.28 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: VN064392.D
 Acq: 30 Oct 2020 11:51

Tgt Ion	41	39	76	Ratio	Lower	Upper
82139	100	77.1	29.5		61.7	92.5
					24.0	36.0





#15

Acrylonitrile

Concen: 88.961 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN064392.D

Acq: 30 Oct 2020 11:51

Instrument :

MSVOA_N

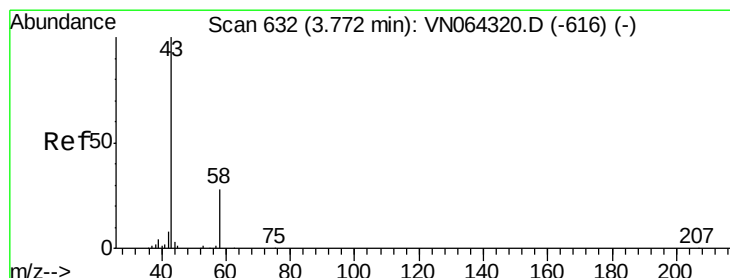
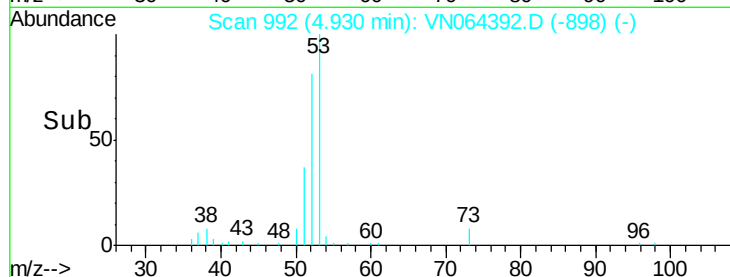
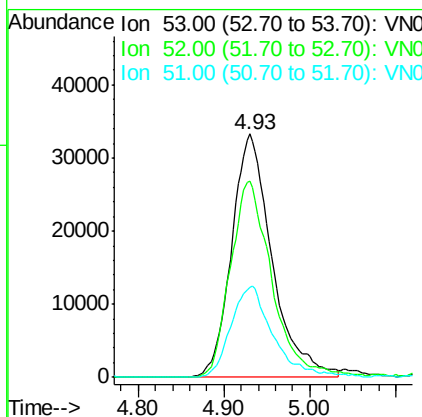
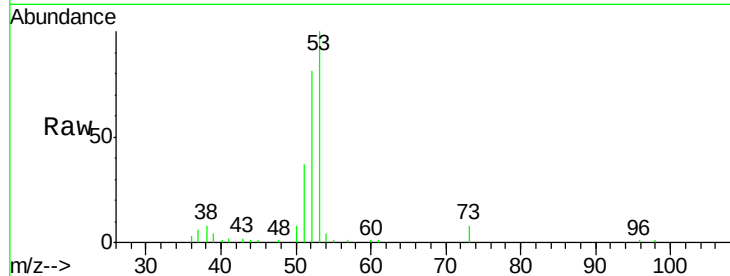
ClientSampleId :

VN1030WBS01

Tot Ion:	53	Resp:	108631
Ion Ratio	Lower	Upper	
53	100		
52	81.9	65.9	98.9
51	38.1	30.4	45.6

Manual Integrations
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#16

Acetone

Concen: 86.326 ug/l

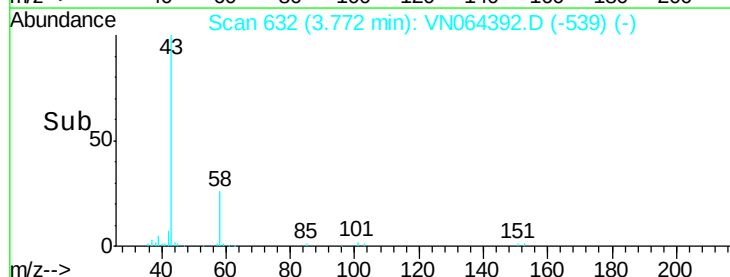
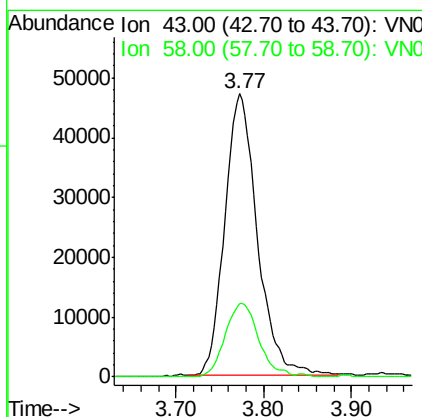
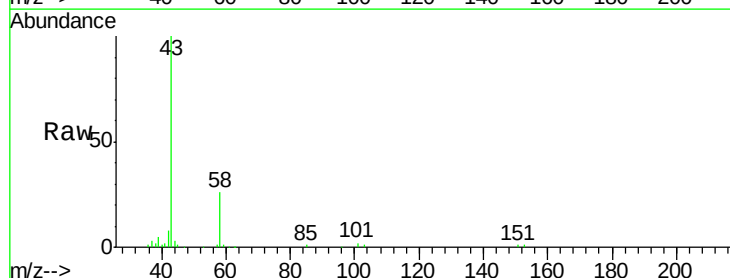
RT: 3.77 min Scan# 632

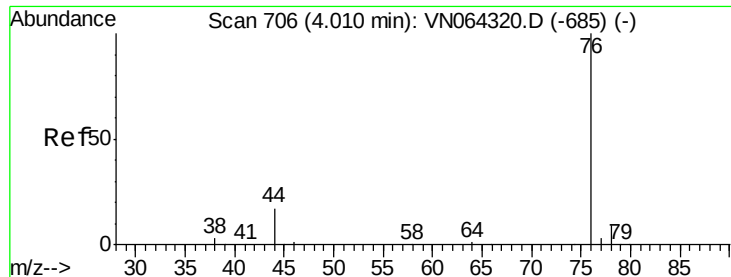
Delta R.T. 0.00 min

Lab File: VN064392.D

Acq: 30 Oct 2020 11:51

Tgt Ion:	43	Resp:	121535
Ion Ratio	Lower	Upper	
43	100		
58	26.0	22.1	33.1





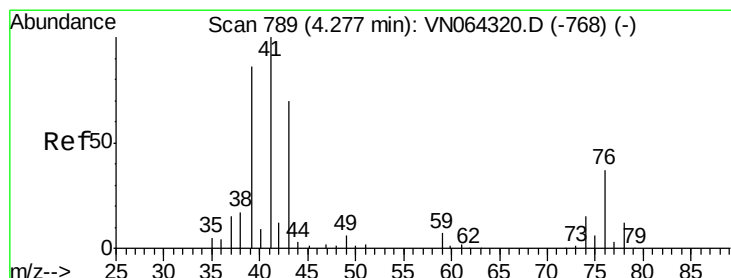
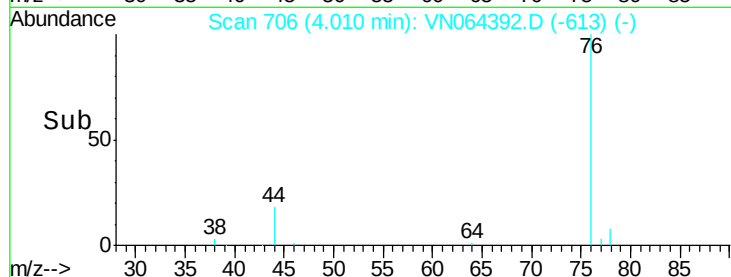
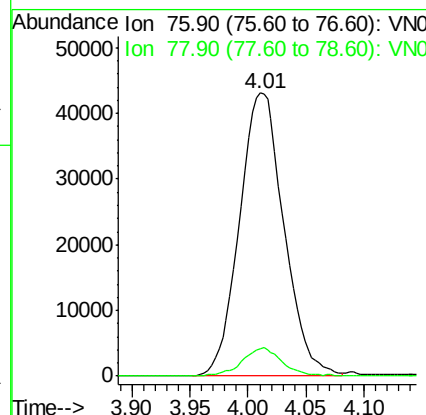
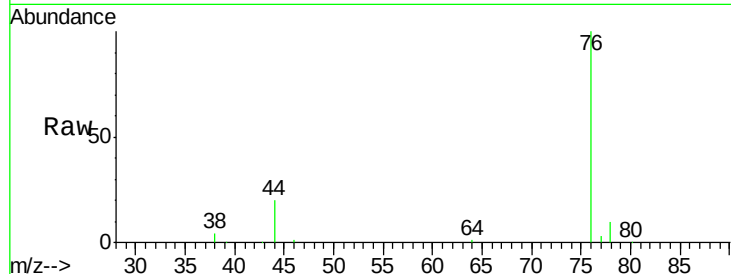
#17
Carbon Disulfide
Concen: 16.709 ug/l
RT: 4.01 min Scan# 706
Delta R.T. 0.00 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.3	10.9

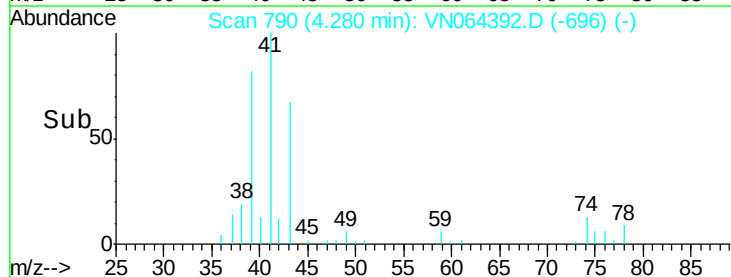
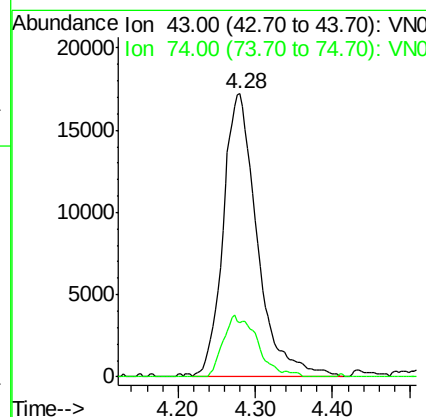
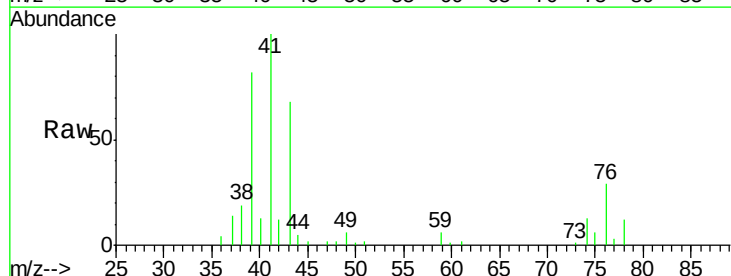
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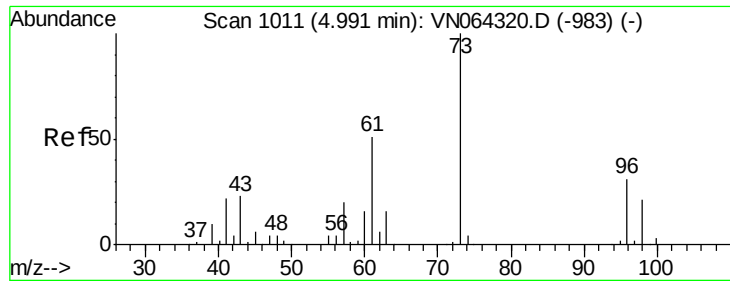
MMDadoda
11/2/2020 4:11:34 PM



#18
Methyl Acetate
Concen: 18.002 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.1	16.7	25.1





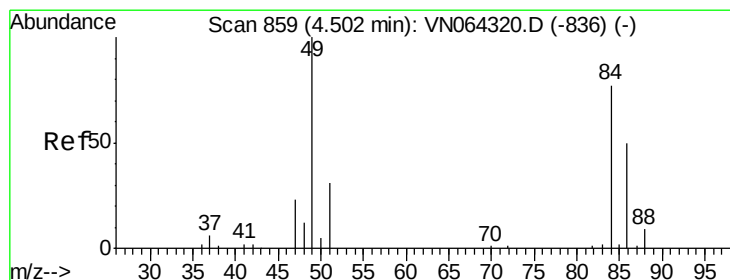
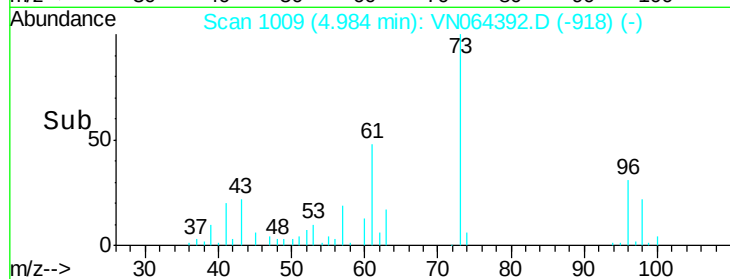
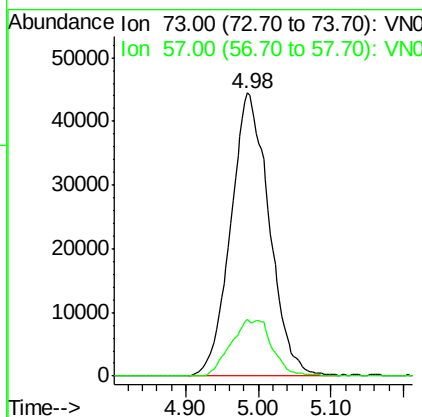
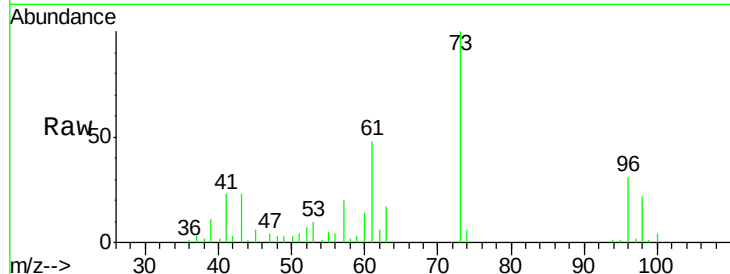
#19
Methyl tert-butyl Ether
Concen: 18.381 ug/l
RT: 4.98 min Scan# 1009
Delta R.T. -0.01 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01

Tot Ion: 73 Resp: 164233
Ion Ratio Lower Upper
73 100
57 20.1 16.1 24.1

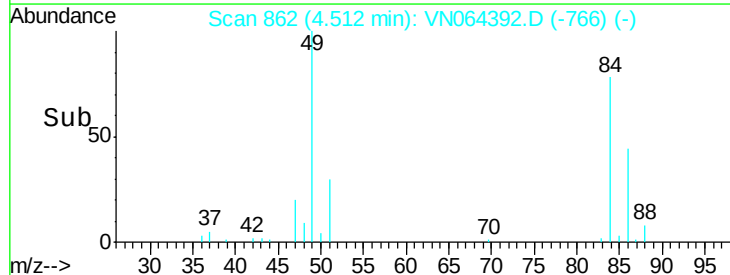
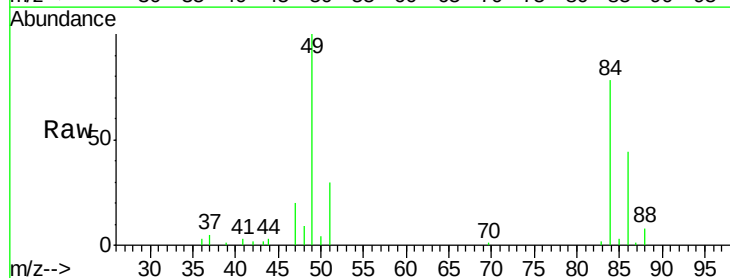
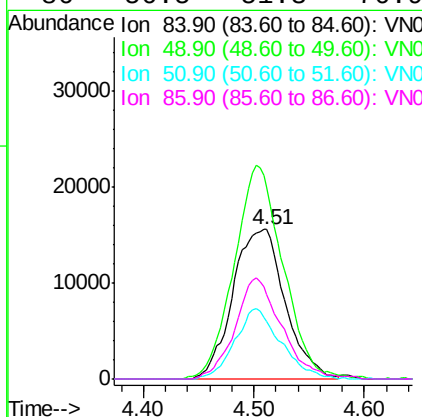
Manual Integrations
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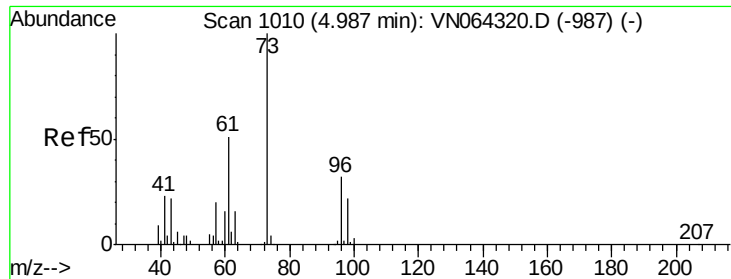
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#20
Methylene Chloride
Concen: 18.453 ug/l
RT: 4.51 min Scan# 862
Delta R.T. 0.01 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

Tgt Ion: 84 Resp: 51191
Ion Ratio Lower Upper
84 100
49 127.2 103.6 155.4
51 38.3 31.8 47.8
86 56.5 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 18.387 ug/l

RT: 4.99 min Scan# 1012

Delta R.T. 0.01 min

Lab File: VN064392.D

Acq: 30 Oct 2020 11:51

Instrument :

MSVOA_N

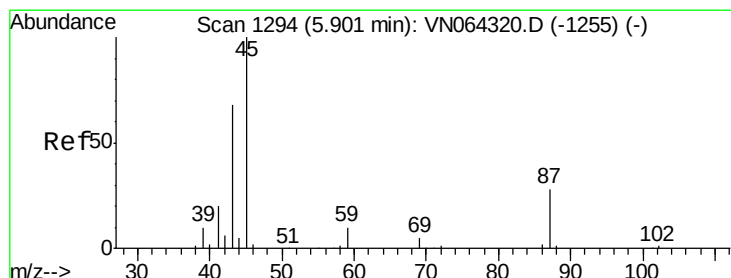
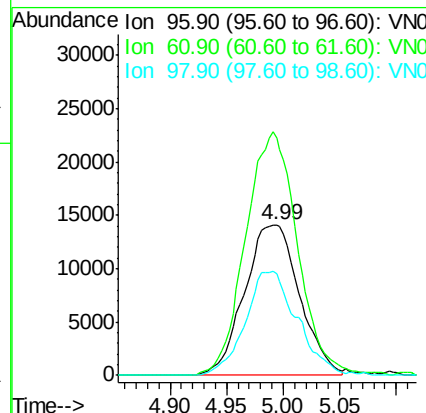
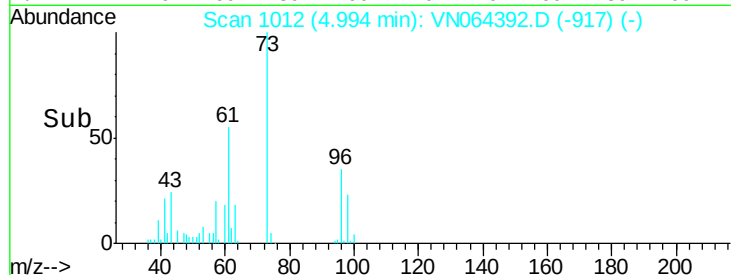
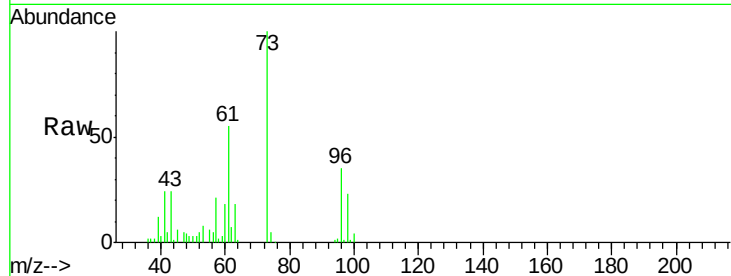
ClientSampleId :

VN1030WBS01

Tot Ion:	96	Resp:	47700
Ion	Ratio	Lower	Upper
96	100		
61	157.4	128.2	192.2
98	67.3	56.1	84.1

Manual Integrations
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#22

Diisopropyl ether

Concen: 18.651 ug/l

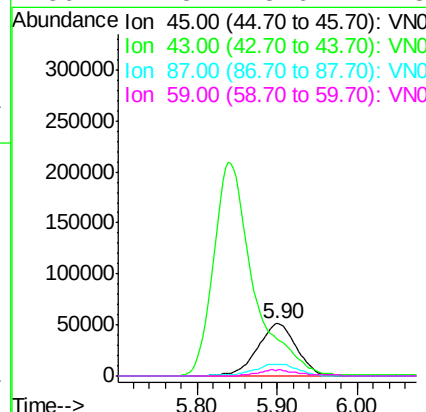
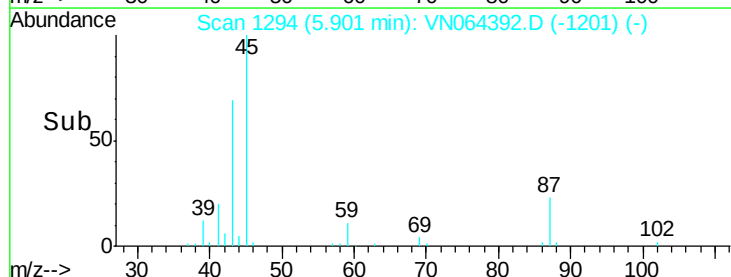
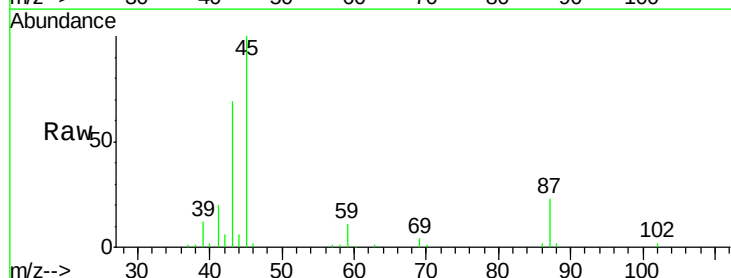
RT: 5.90 min Scan# 1294

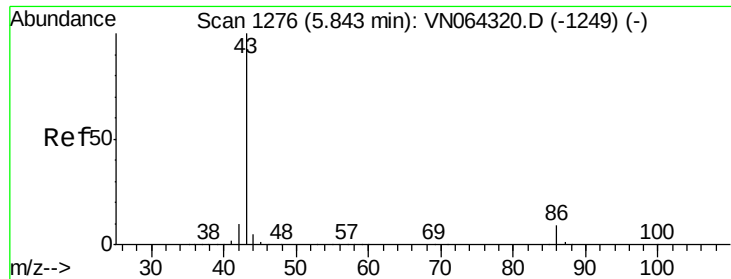
Delta R.T. 0.00 min

Lab File: VN064392.D

Acq: 30 Oct 2020 11:51

Tgt Ion:	45	Resp:	173111
Ion	Ratio	Lower	Upper
45	100		
43	65.9	54.6	82.0
87	22.9	22.6	33.8
59	11.3	8.6	12.8





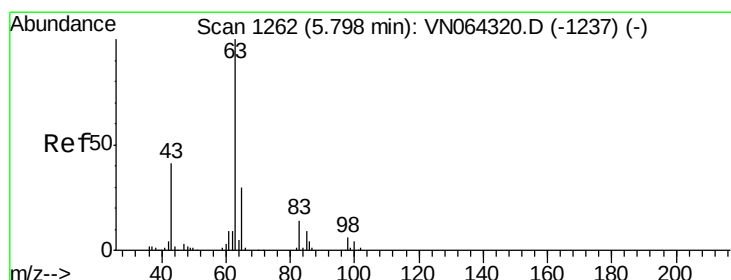
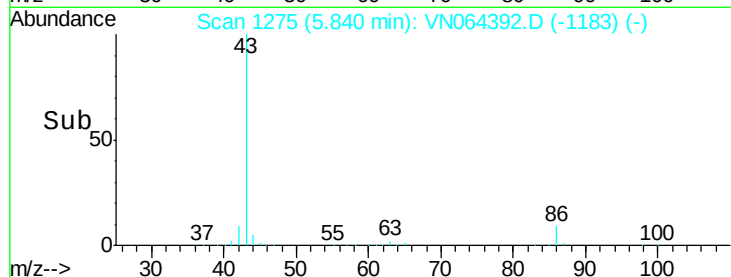
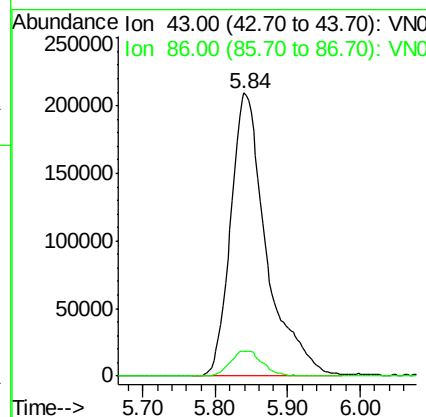
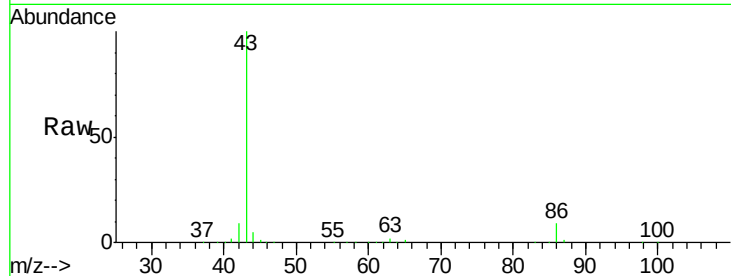
#23
 Vinyl Acetate
 Concen: 91.522 ug/l
 RT: 5.84 min Scan# 1275
 Delta R.T. -0.00 min
 Lab File: VN064392.D
 Acq: 30 Oct 2020 11:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030WBS01

Tot Ion	43	Resp	718654
Ion Ratio	100	Lower	Upper
43	100		
86	8.7	7.3	10.9

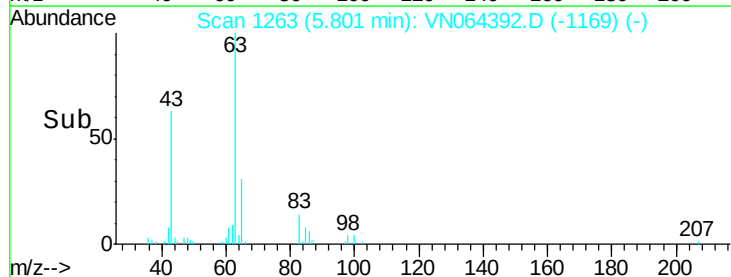
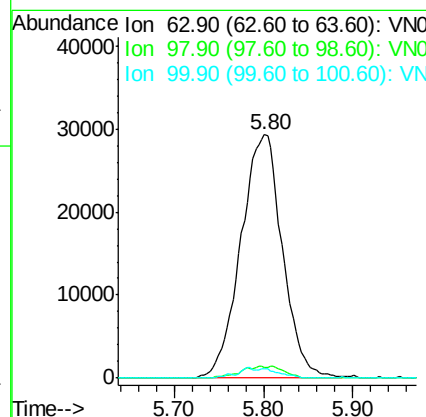
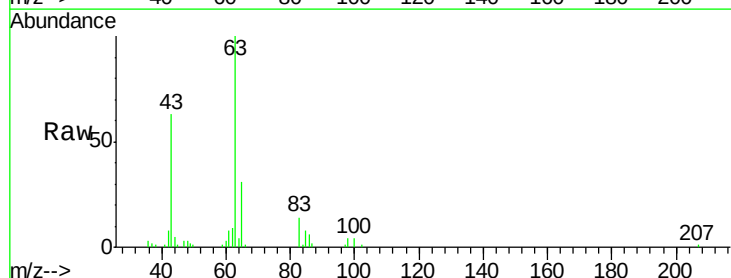
Manual Integrations
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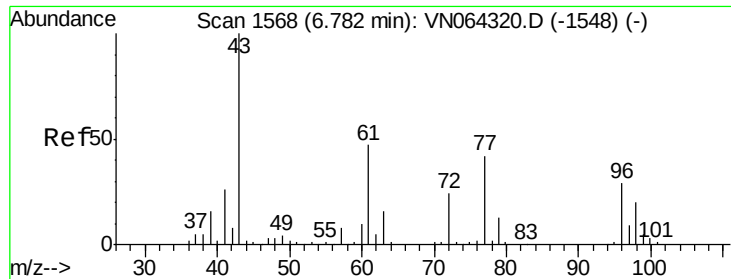
MMDadoda
 11/2/2020 4:11:34 PM



#24
 1,1-Dichloroethane
 Concen: 18.297 ug/l
 RT: 5.80 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: VN064392.D
 Acq: 30 Oct 2020 11:51

Tgt Ion	63	Resp	95029
Ion Ratio	100	Lower	Upper
63	100		
98	4.5	3.1	9.4
100	3.7	2.0	5.8





#25

2-Butanone

Concen: 83.175 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064392.D

Acq: 30 Oct 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

VN1030WBS01

Tot Ion: 43 Resp: 163358

Ion Ratio Lower Upper

43 100

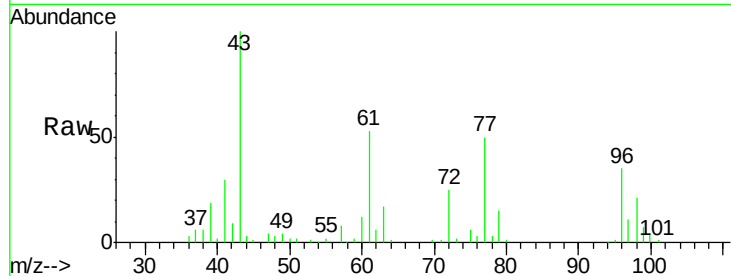
72 25.1 18.8 28.2

Manual Integrations

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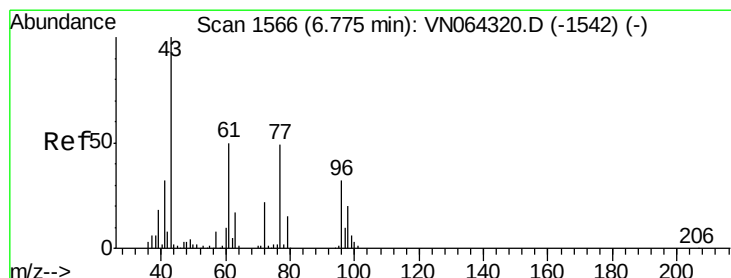
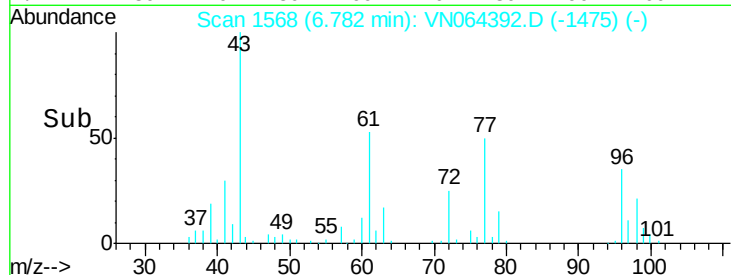
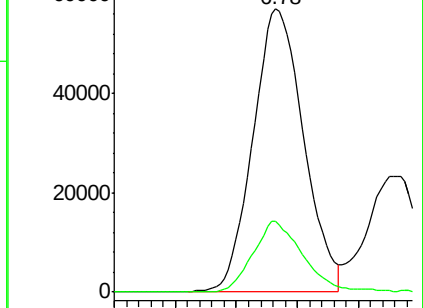
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 18.428 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064392.D

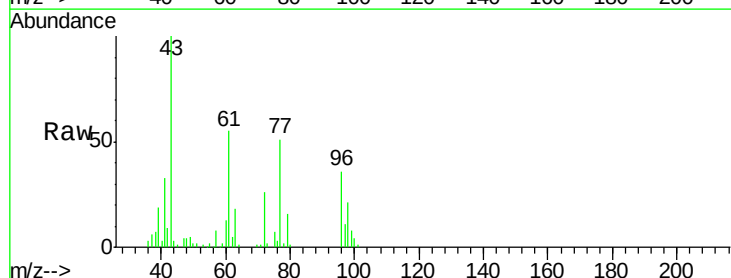
Acq: 30 Oct 2020 11:51

Tgt Ion: 77 Resp: 93669

Ion Ratio Lower Upper

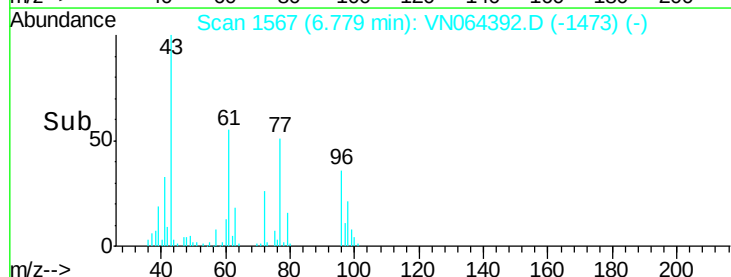
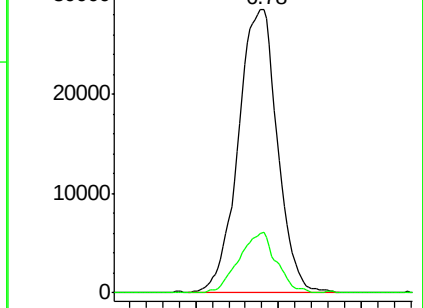
77 100

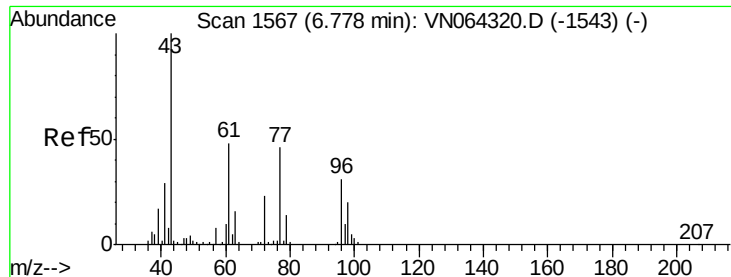
97 20.3 10.2 30.6



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 18.888 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064392.D

Acq: 30 Oct 2020 11:51

Instrument :

MSVOA_N

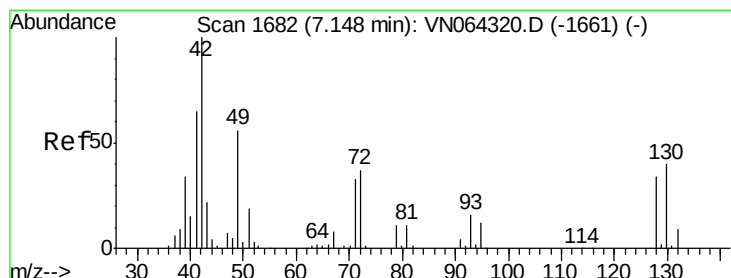
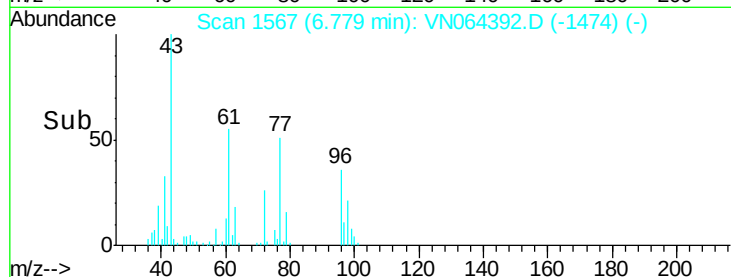
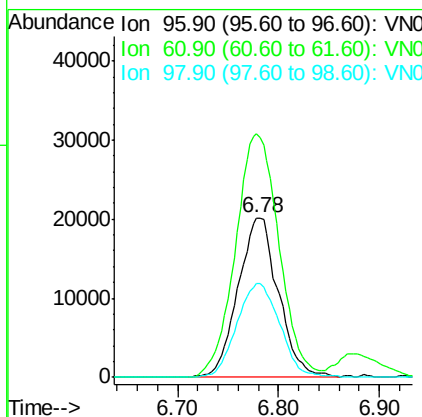
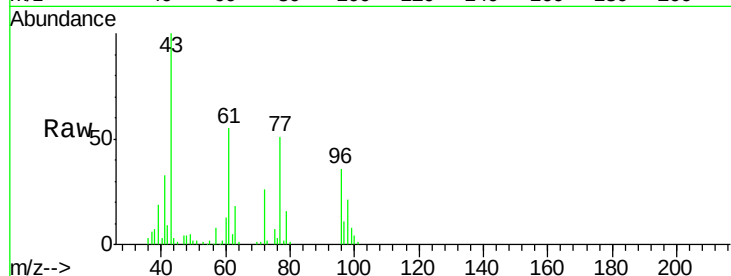
ClientSampleId :

VN1030WBS01

Tot Ion:	96	Resp:	56076
Ion	Ratio	Lower	Upper
96	100		
61	163.9	0.0	325.0
98	62.6	0.0	128.4

Manual Integrations
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#28

Bromochloromethane

Concen: 17.117 ug/l

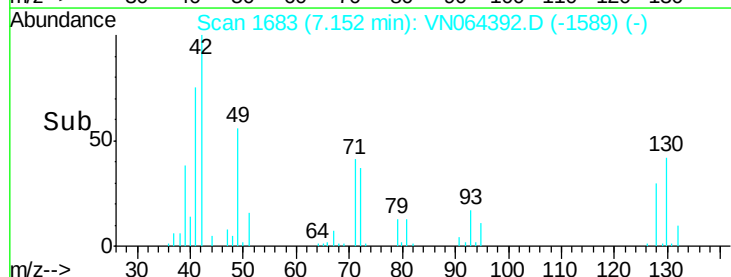
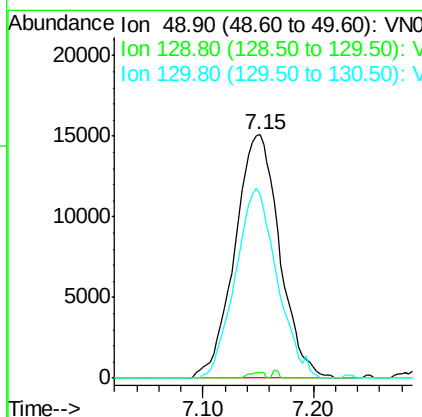
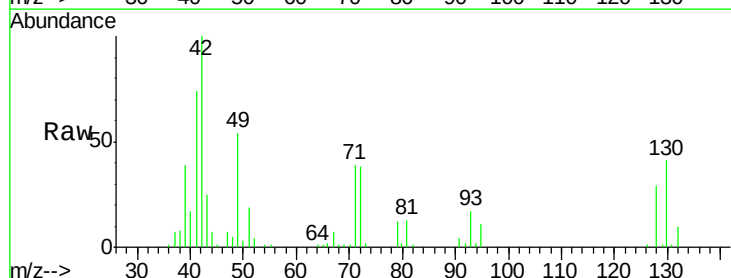
RT: 7.15 min Scan# 1683

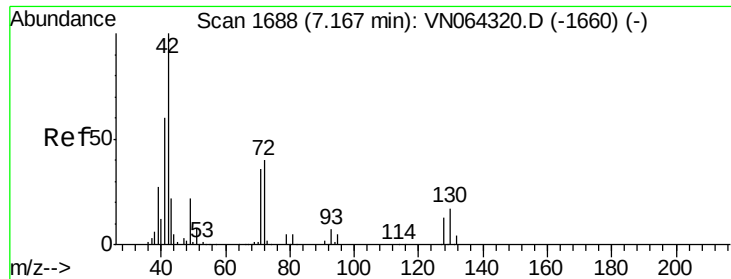
Delta R.T. 0.00 min

Lab File: VN064392.D

Acq: 30 Oct 2020 11:51

Tgt Ion:	49	Resp:	42354
Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	2.8
130	72.6	56.2	84.2





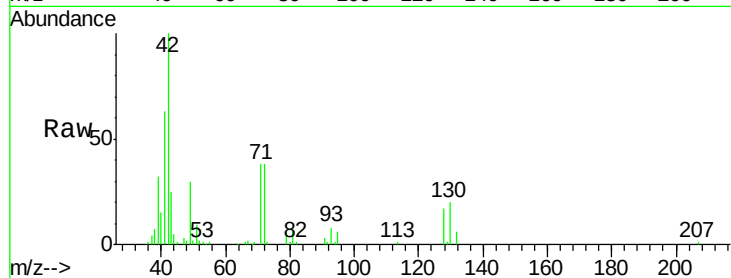
#29
Tetrahydrofuran
Concen: 82.054 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01

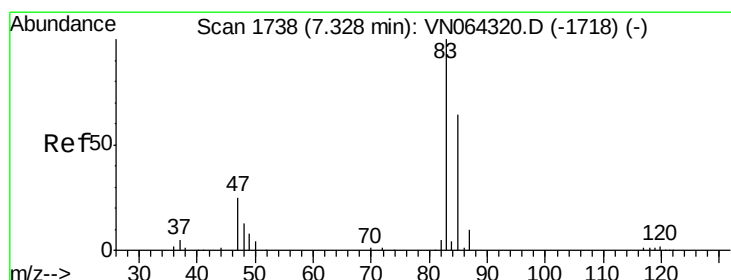
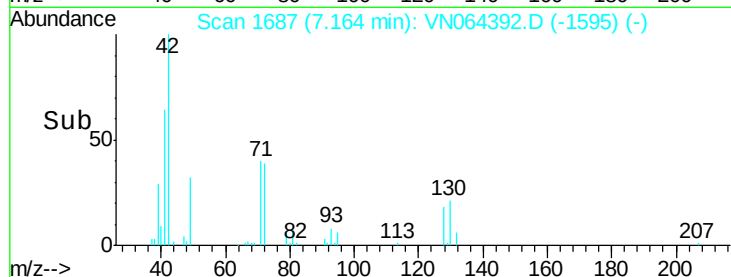
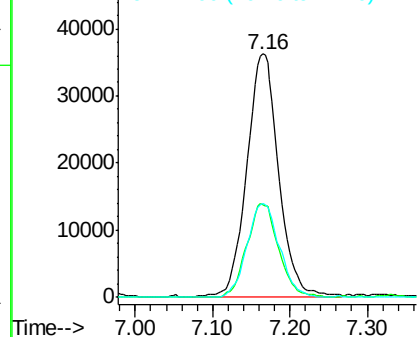
Tot Ion	Ratio	Lower	Upper
42	100		
72	38.3	31.6	47.4
71	38.9	29.4	44.0

Manual Integrations
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11/2/2020 4:11:34 PM

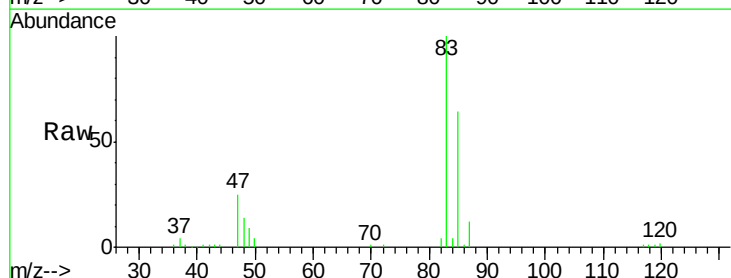


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

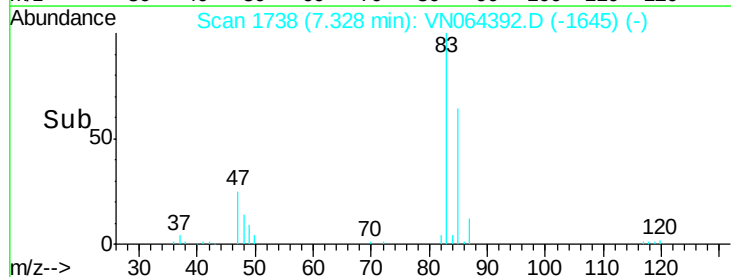
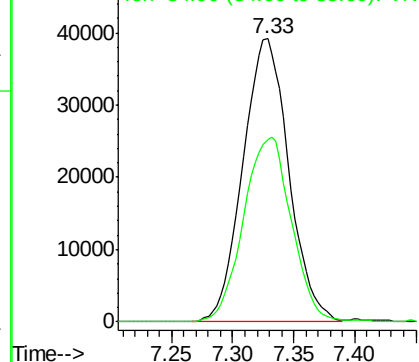


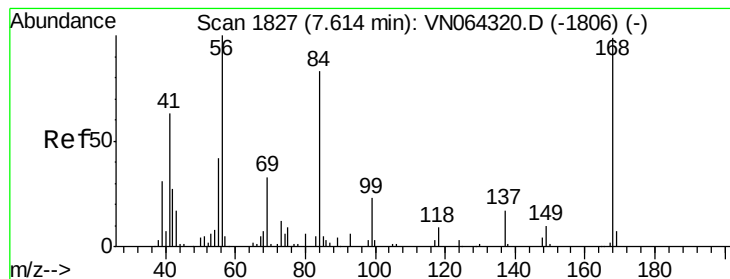
#30
Chloroform
Concen: 18.407 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.1	76.7



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 16.946 ug/l

RT: 7.61 min Scan# 1825

Delta R.T. -0.01 min

Lab File: VN064392.D

Acq: 30 Oct 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

VN1030WBS01

Tot Ion: 56 Resp: 76929

Ion Ratio Lower Upper

56 100

69 37.0 25.8 38.8

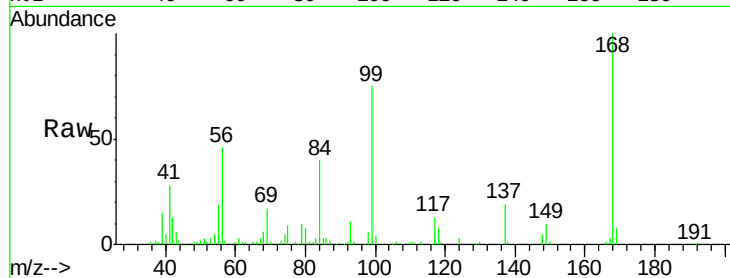
84 84.5 66.3 99.5

Manual Integrations

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MMDadoda

11/2/2020 4:11:34 PM

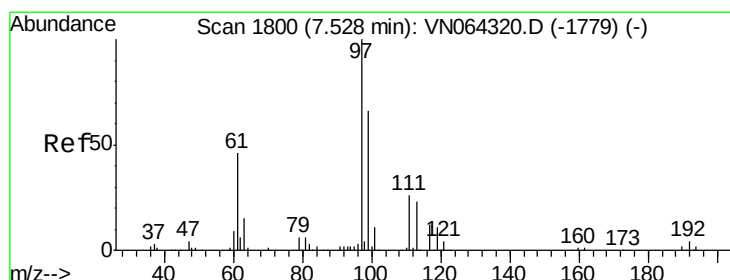
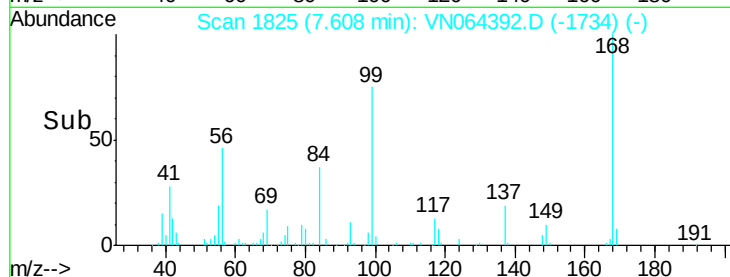
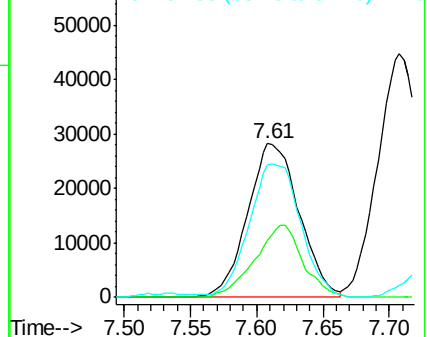


Abundance

Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 18.177 ug/l

RT: 7.52 min Scan# 1798

Delta R.T. -0.01 min

Lab File: VN064392.D

Acq: 30 Oct 2020 11:51

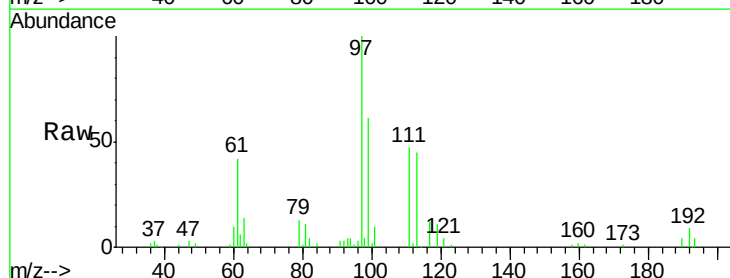
Tgt Ion: 97 Resp: 96761

Ion Ratio Lower Upper

97 100

99 63.8 50.6 76.0

61 45.6 35.8 53.6

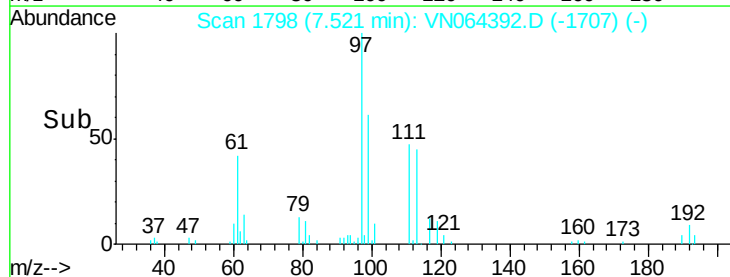
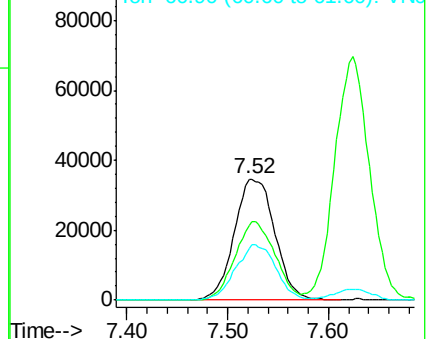


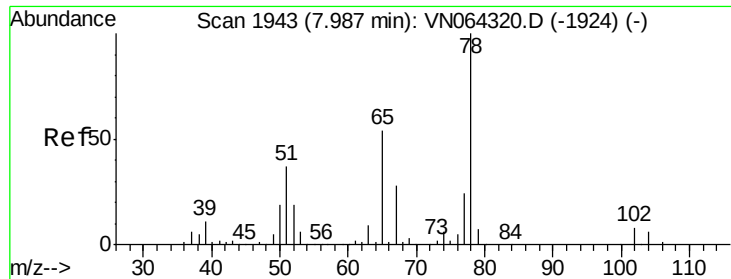
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0





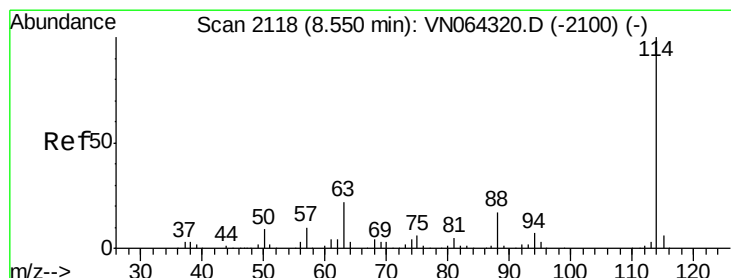
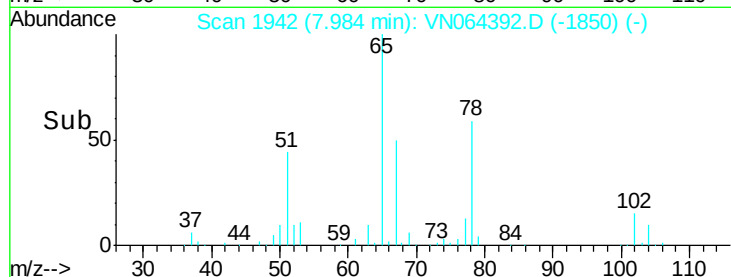
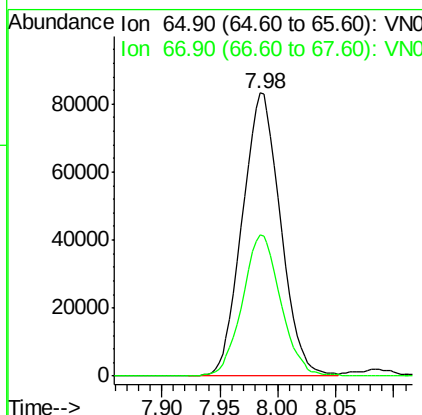
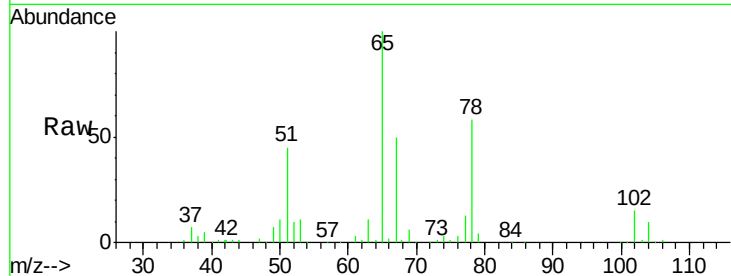
#33
 1,2-Dichloroethane-d4
 Concen: 49.059 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN064392.D
 Acq: 30 Oct 2020 11:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	191898		
67	49.9	0.0	99.2	

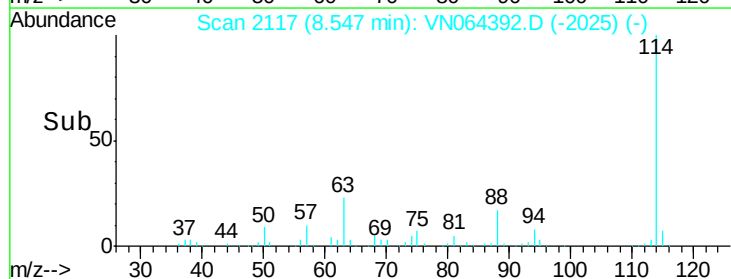
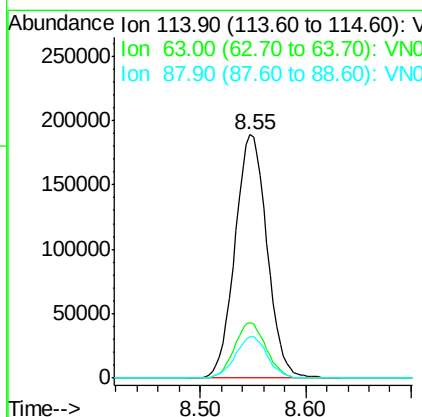
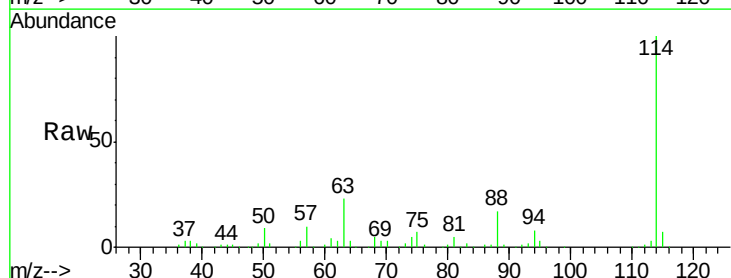
Manual Integrations
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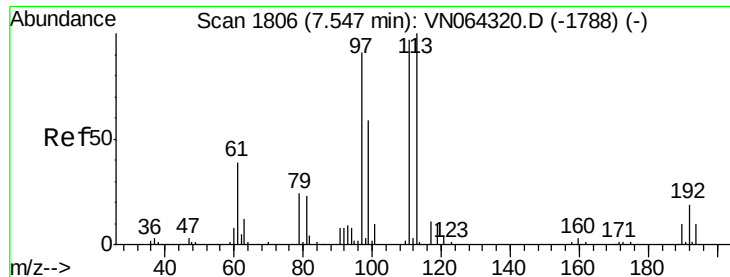
MMDadoda
 11/2/2020 4:11:34 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064392.D
 Acq: 30 Oct 2020 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	397731		
63	23.0	0.0	44.6	
88	17.0	0.0	33.4	





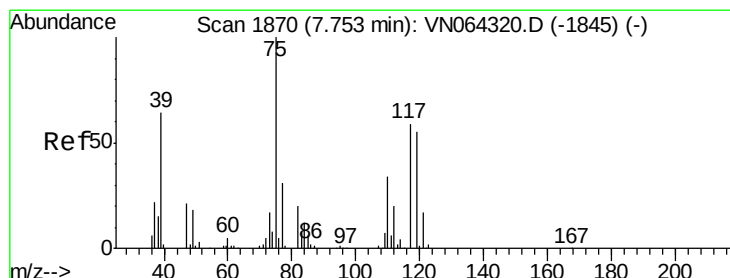
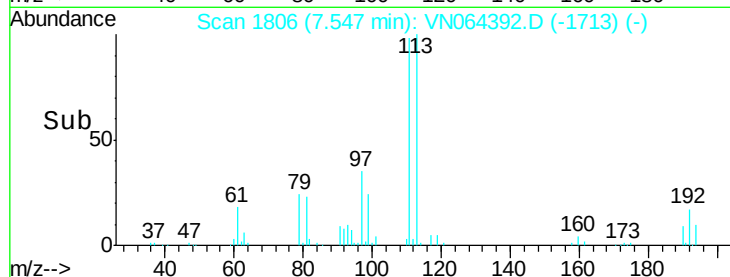
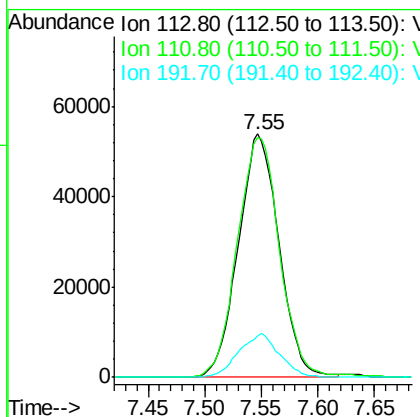
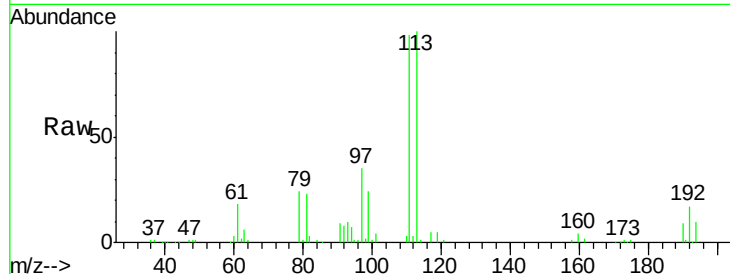
#35
 Dibromofluoromethane
 Concen: 50.721 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: VN064392.D
 Acq: 30 Oct 2020 11:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.5	122.3
192	18.0	15.0	22.4

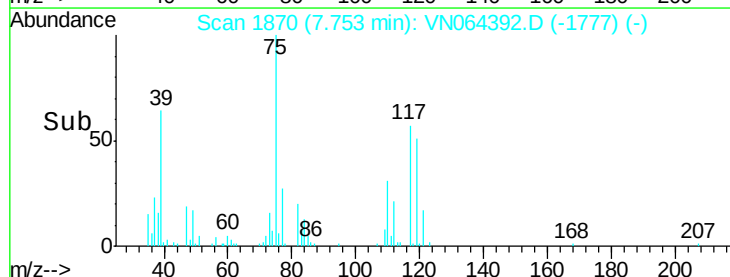
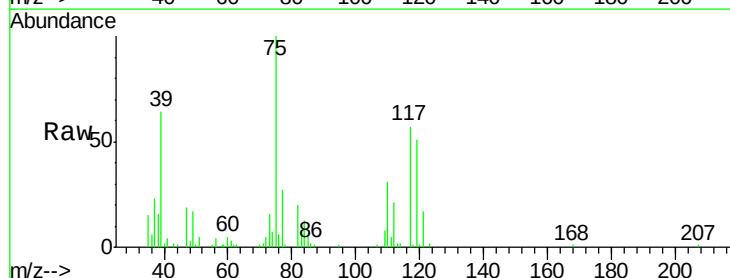
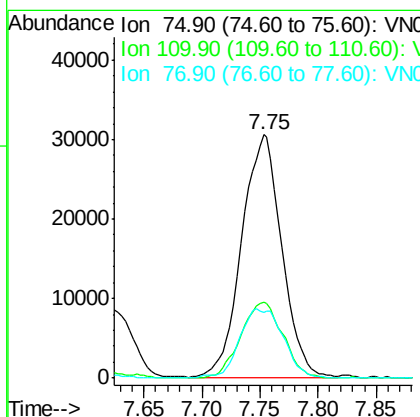
Manual Integrations
 APPROVED

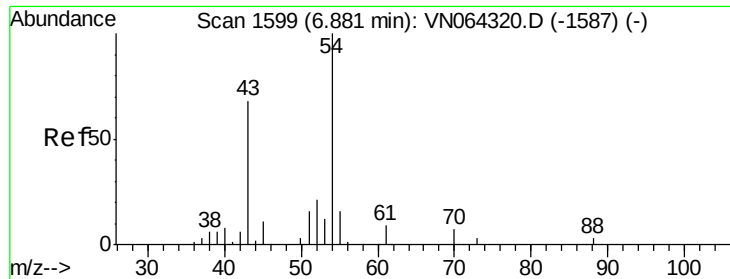
MMDadoda
 11/2/2020 4:11:34 PM



#36
 1,1-Dichloropropene
 Concen: 18.445 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN064392.D
 Acq: 30 Oct 2020 11:51

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.5	16.8	50.3
77	30.7	24.2	36.4





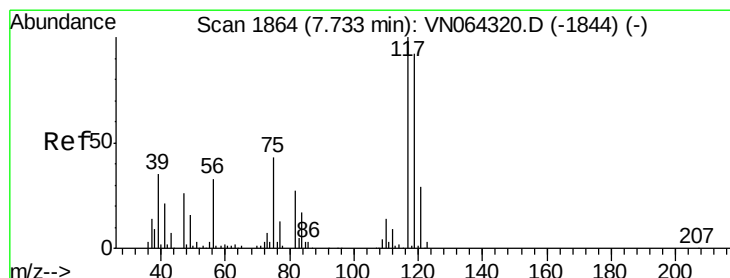
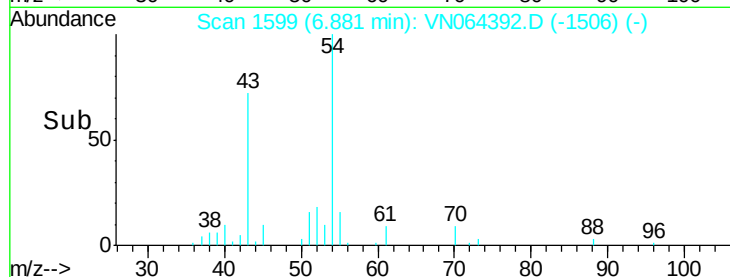
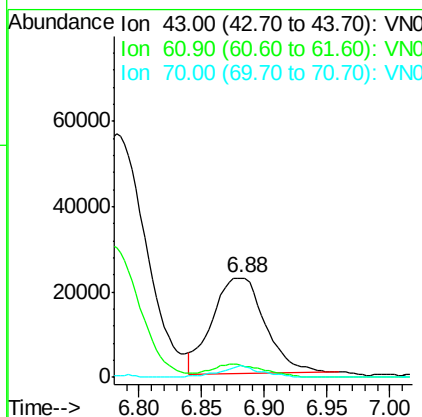
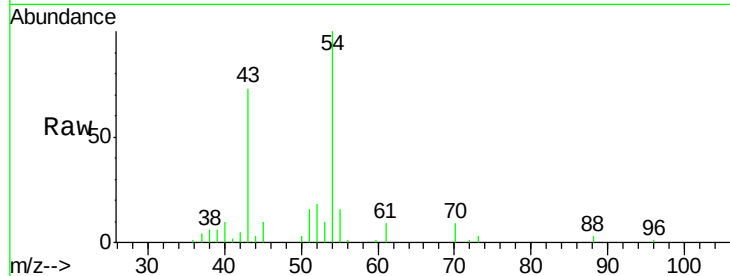
#37
Ethyl Acetate
Concen: 16.210 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01

Tot Ion	43	61	70
Resp	65726		
Ratio	100	14.1	9.5
Lower		10.0	7.1
Upper		15.0	10.7

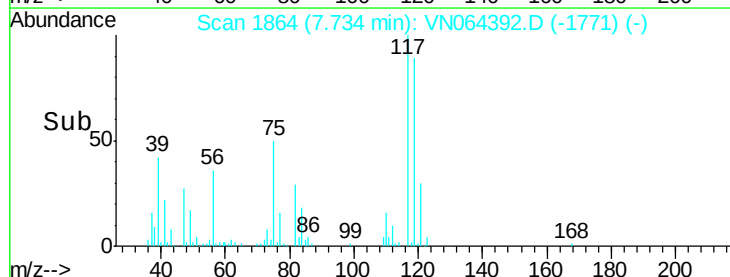
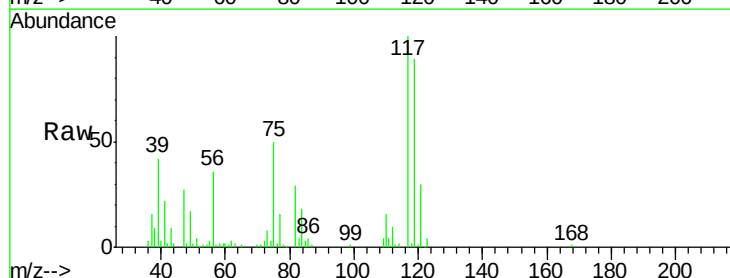
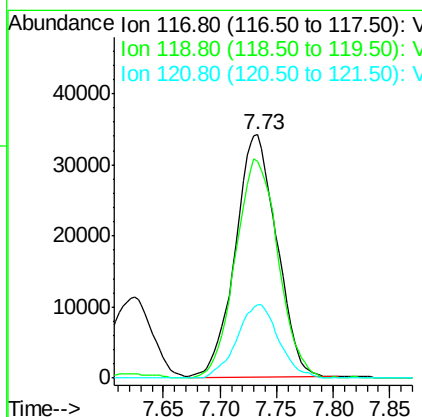
Manual Integrations
APPROVED

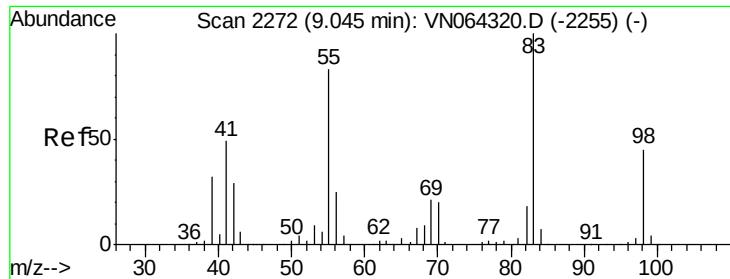
MMDadoda
11/2/2020 4:11:34 PM



#38
Carbon Tetrachloride
Concen: 18.700 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

Tgt Ion	117	119	121
Resp	87022		
Ratio	100	89.6	30.5
Lower		73.7	22.8
Upper		110.5	34.2





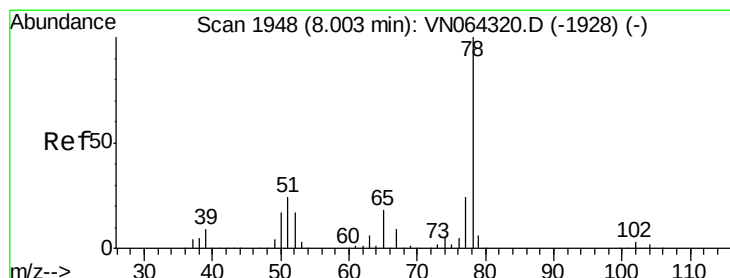
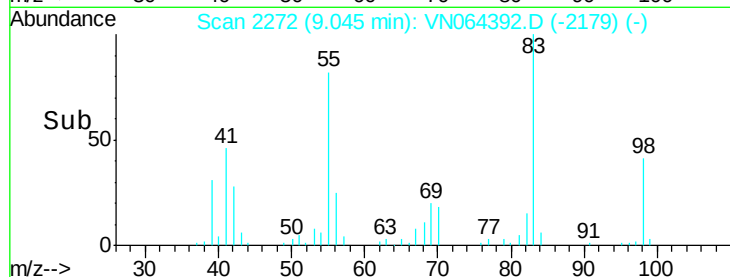
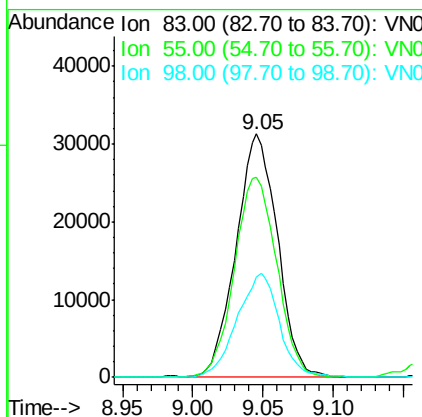
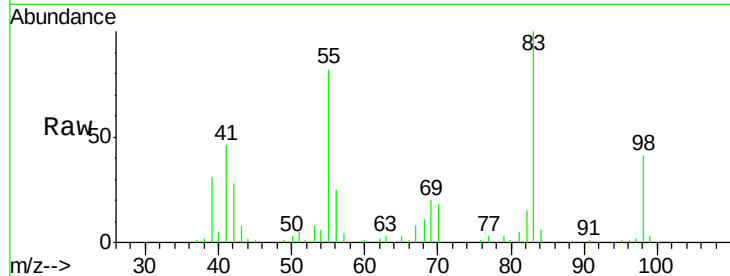
#39
Methylvlcyclohexane
Concen: 16.187 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.3	66.2	99.4
98	41.0	36.0	54.0

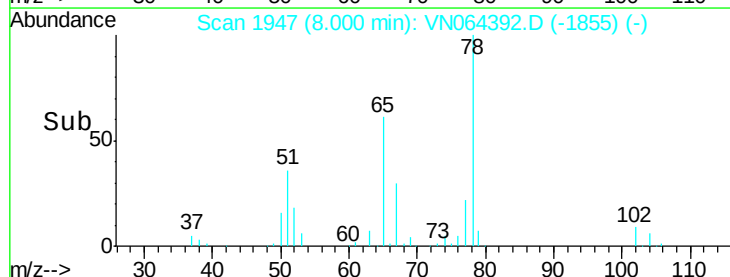
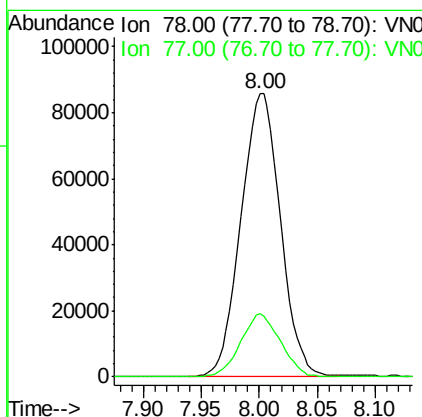
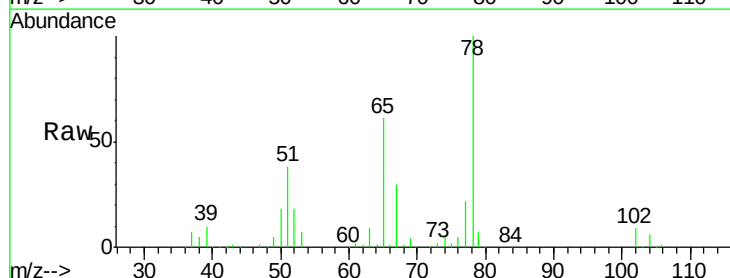
Manual Integrations
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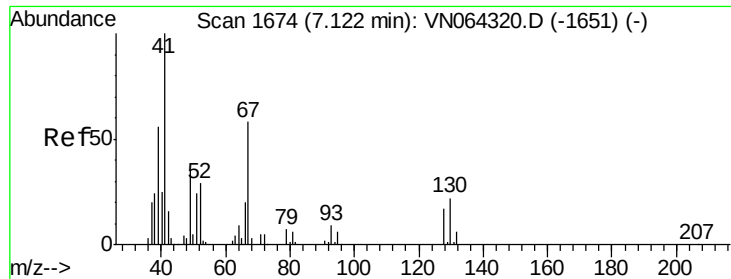
MMDadoda
11/2/2020 4:11:34 PM



#40
Benzene
Concen: 18.244 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.4	18.8	28.2





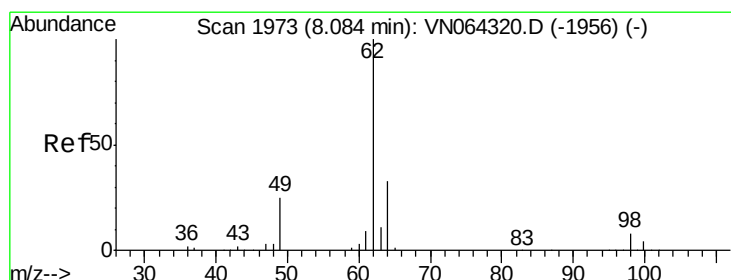
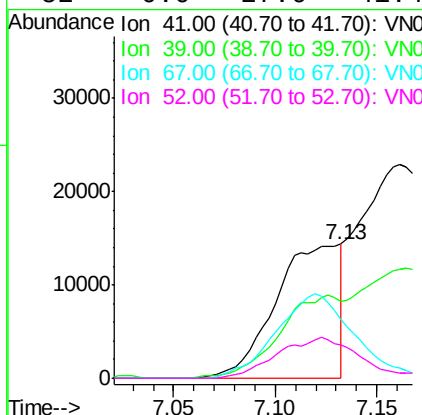
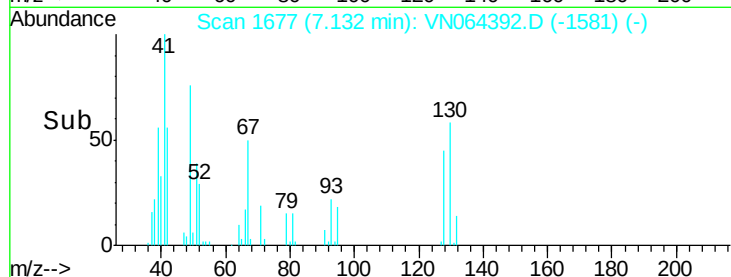
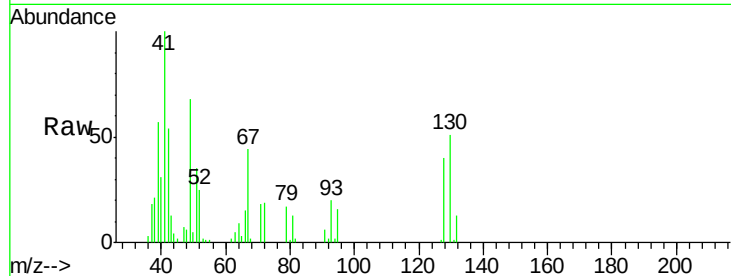
#41
Methacrylonitrile
Concen: 15.824 ug/l m
RT: 7.13 min Scan# 1677
Delta R.T. 0.01 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01

Tot Ion	41	Resp	31849
Ion Ratio	Lower	Upper	
41	100		
39	0.0	48.6	72.8#
67	0.0	61.4	92.2#
52	0.0	27.6	41.4#

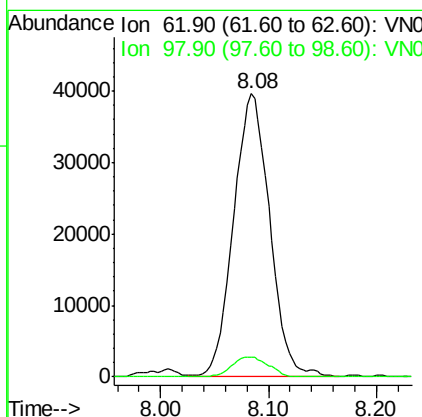
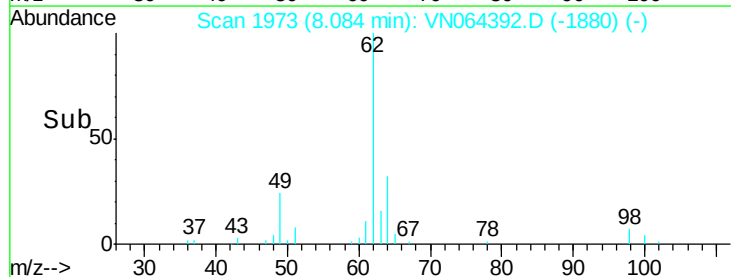
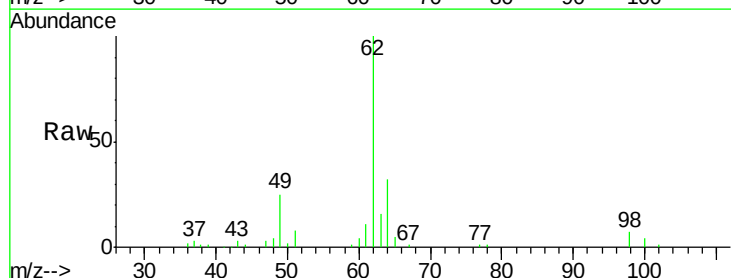
Manual Integrations
APPROVED

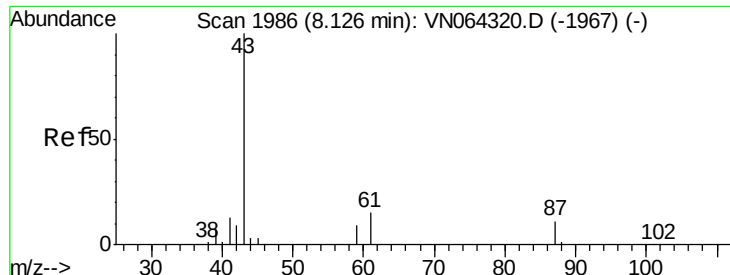
MMDadoda
11/2/2020 4:11:34 PM



#42
1,2-Dichloroethane
Concen: 19.190 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

Tgt Ion	62	Resp	92622
Ion Ratio	Lower	Upper	
62	100		
98	7.1	0.0	14.2





#43

Isopropyl Acetate

Concen: 18.273 ug/l

RT: 8.12 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN064392.D

Acq: 30 Oct 2020 11:51

Instrument :

MSVOA_N

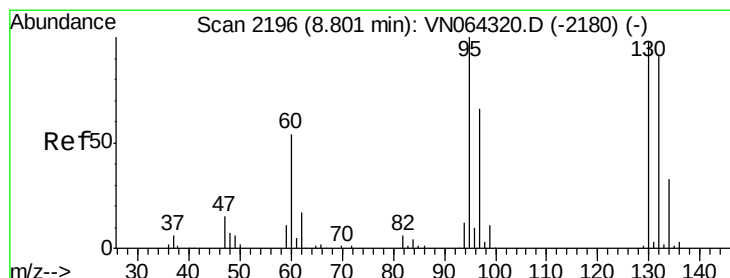
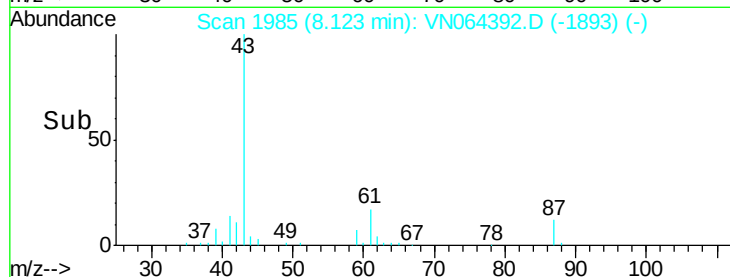
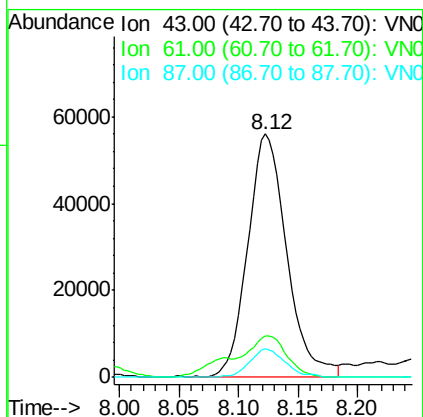
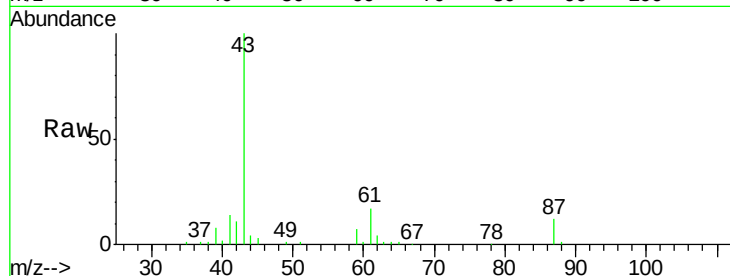
ClientSampleId :

VN1030WBS01

Tot Ion:	43	Resp:	126647
Ion	Ratio	Lower	Upper
43	100		
61	15.9	19.1	28.7#
87	10.8	9.3	13.9

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#44

Trichloroethene

Concen: 18.702 ug/l

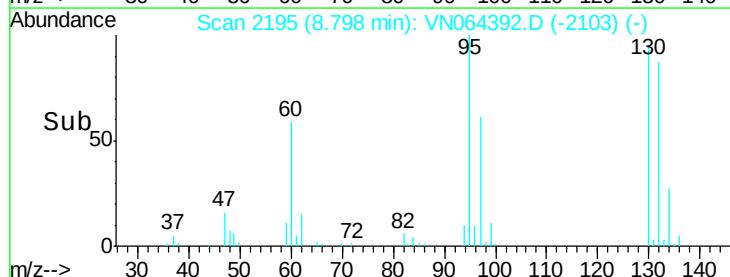
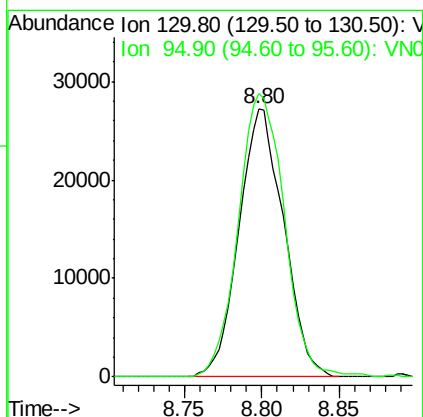
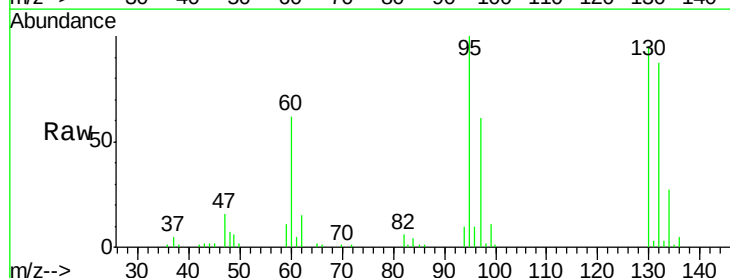
RT: 8.80 min Scan# 2195

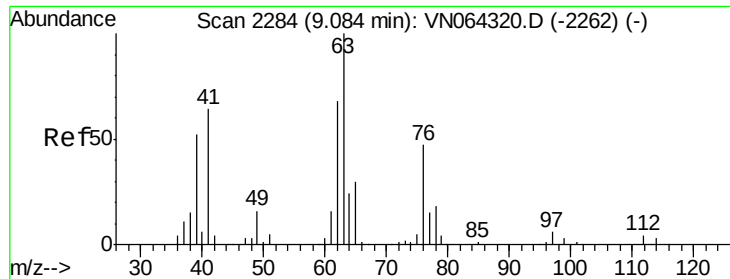
Delta R.T. -0.00 min

Lab File: VN064392.D

Acq: 30 Oct 2020 11:51

Tgt Ion:	130	Resp:	54740
Ion	Ratio	Lower	Upper
130	100		
95	105.4	0.0	203.6





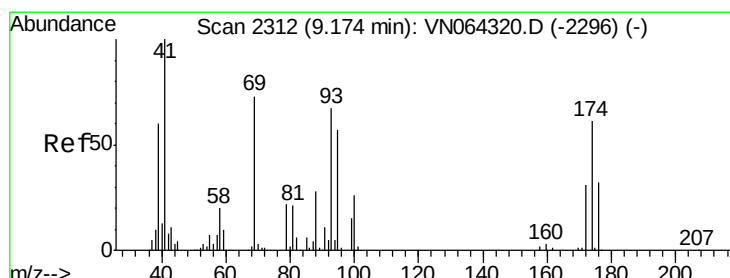
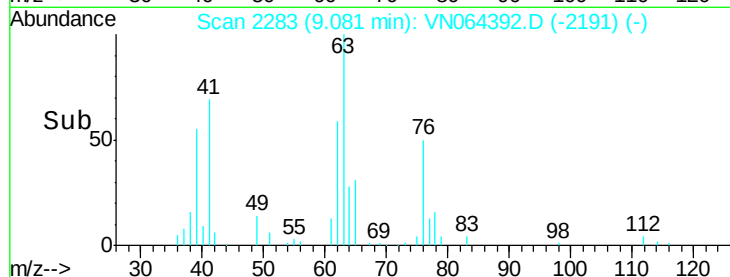
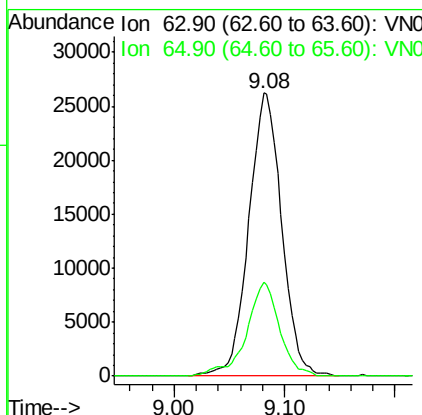
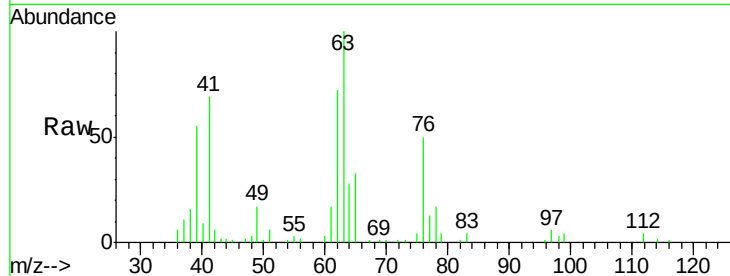
#45
 1,2-Dichloropropane
 Concen: 18.099 ug/l
 RT: 9.08 min Scan# 2283
 Delta R.T. -0.00 min
 Lab File: VN064392.D
 Acq: 30 Oct 2020 11:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030WBS01

Tot Ion: 63 Resp: 54152
 Ion Ratio Lower Upper
 63 100
 65 33.1 24.3 36.5

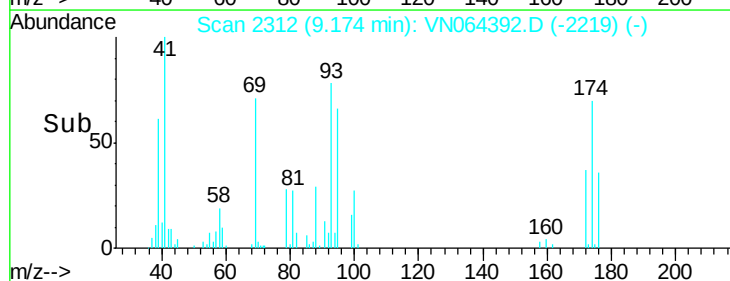
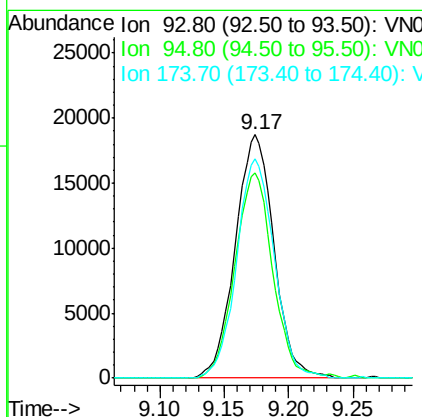
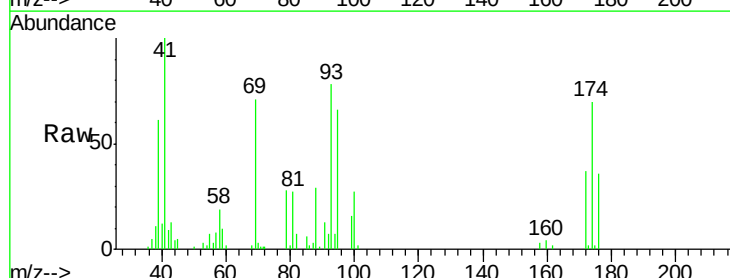
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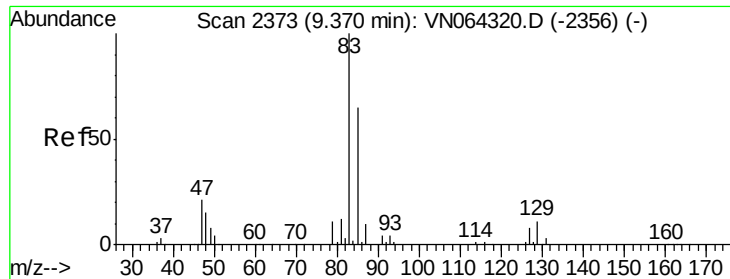
MMDadoda
 11/2/2020 4:11:34 PM



#46
 Dibromomethane
 Concen: 18.655 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064392.D
 Acq: 30 Oct 2020 11:51

Tgt Ion: 93 Resp: 39048
 Ion Ratio Lower Upper
 93 100
 95 82.5 64.4 96.6
 174 87.6 71.4 107.0





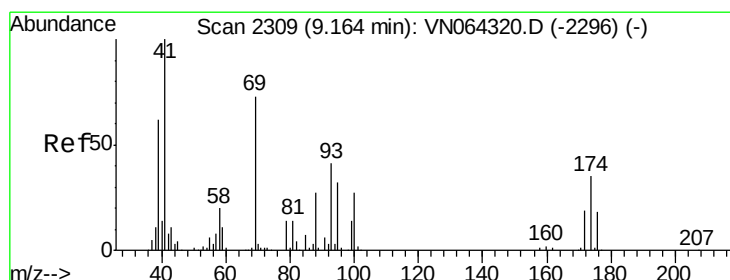
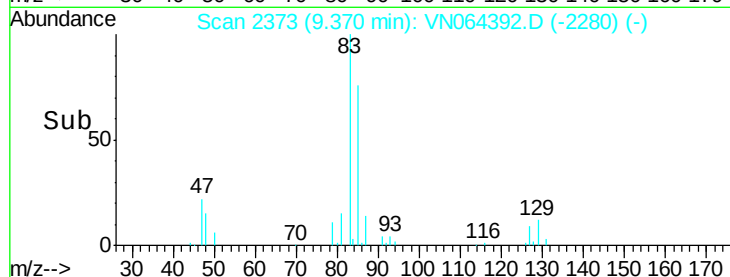
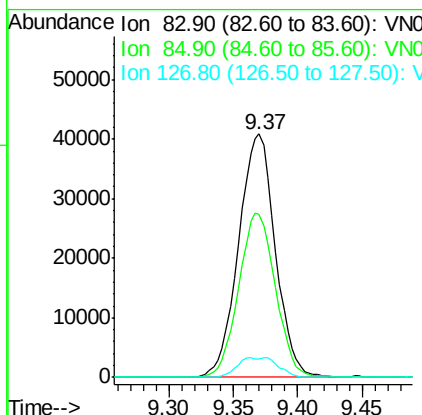
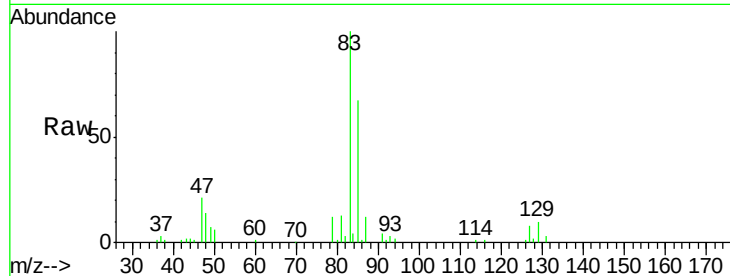
#47
Bromodichloromethane
Concen: 17.417 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	66.7	52.1	78.1
127	7.6	6.7	10.1

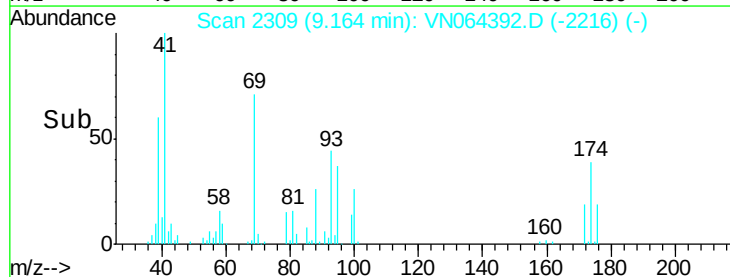
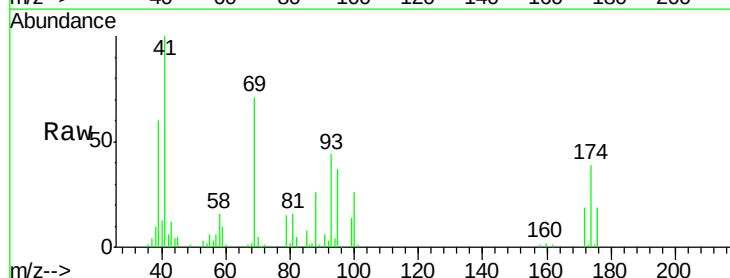
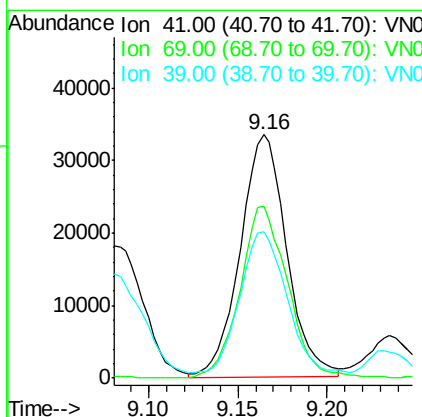
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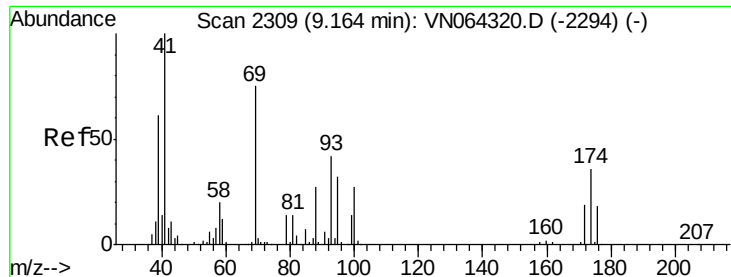
MMDadoda
11/2/2020 4:11:34 PM



#48
Methyl methacrylate
Concen: 17.045 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

Tgt Ion	Ratio	Lower	Upper
41	100		
69	72.6	59.1	88.7
39	63.0	51.3	76.9





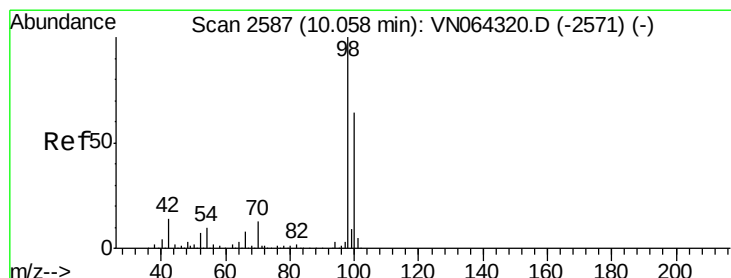
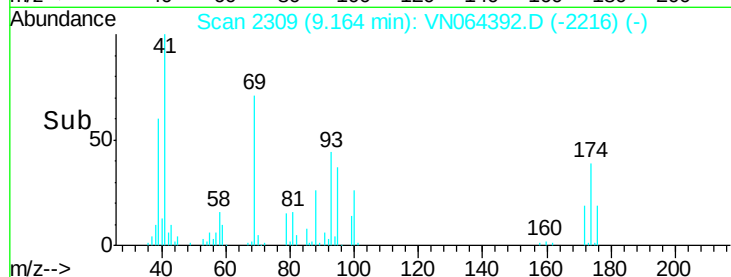
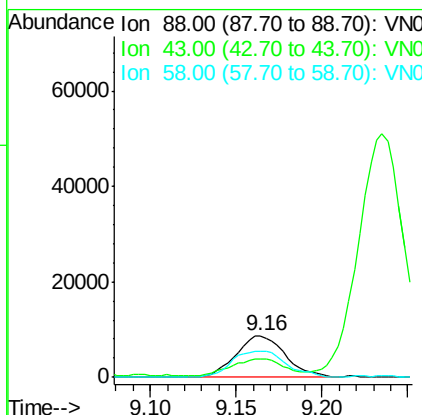
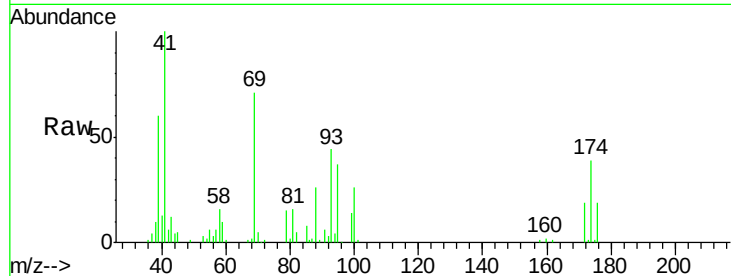
#49
 1,4-Dioxane
 Concen: 326.902 ug/l
 RT: 9.16 min Scan# 2309
 Delta R.T. 0.00 min
 Lab File: VN064392.D
 Acq: 30 Oct 2020 11:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030WBS01

Tot Ion	88	Resp	17230
Ion Ratio	Lower	Upper	
88	100		
43	43.0	31.8	47.8
58	70.4	60.3	90.5

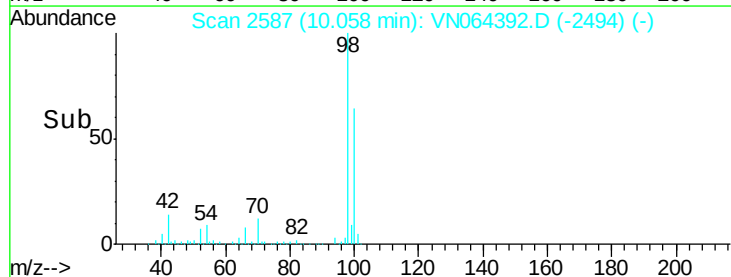
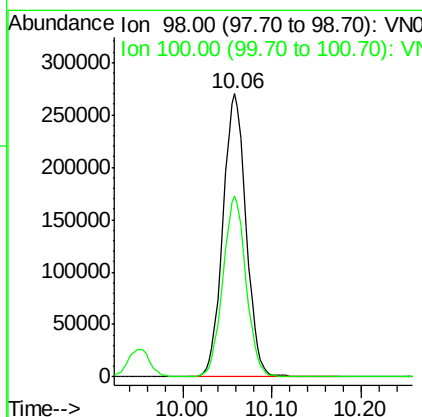
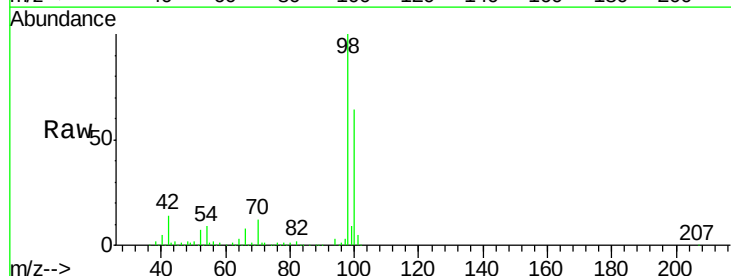
Manual Integrations
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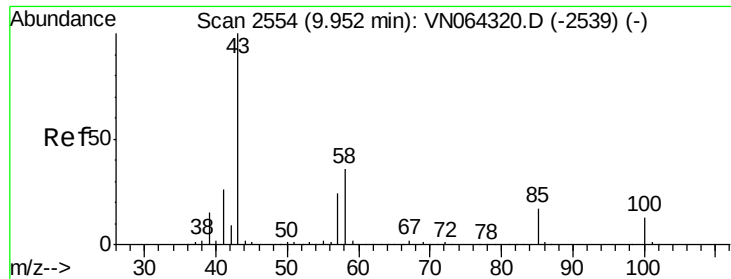
MMDadoda
 11/2/2020 4:11:34 PM



#50
 Toluene-d8
 Concen: 49.488 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN064392.D
 Acq: 30 Oct 2020 11:51

Tgt Ion	98	Resp	485519
Ion Ratio	Lower	Upper	
98	100		
100	63.4	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 87.302 ug/l

RT: 9.95 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN064392.D

Acq: 30 Oct 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

VN1030WBS01

Tot Ion: 43 Resp: 351726

Ion Ratio Lower Upper

43 100

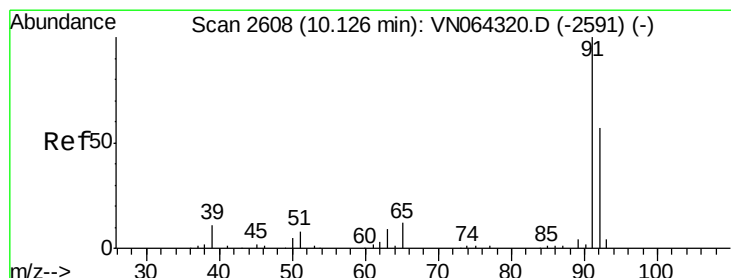
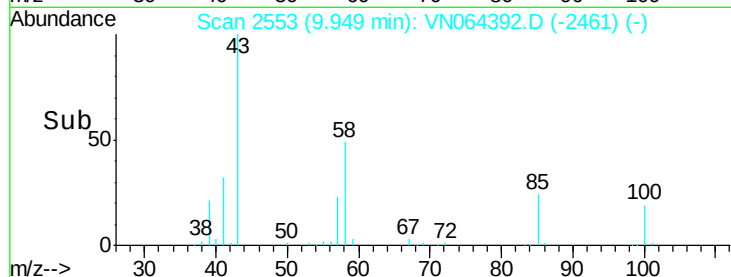
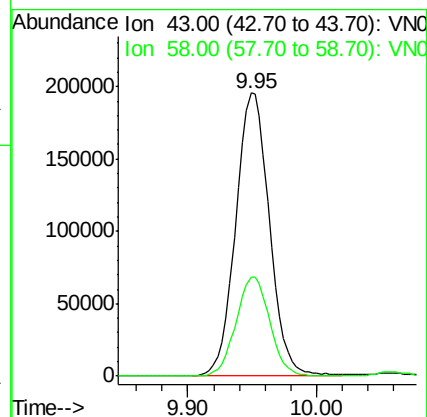
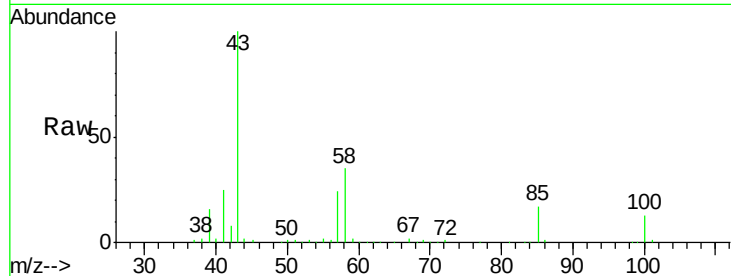
58 35.5 28.6 42.8

Manual Integrations

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#52

Toluene

Concen: 18.583 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064392.D

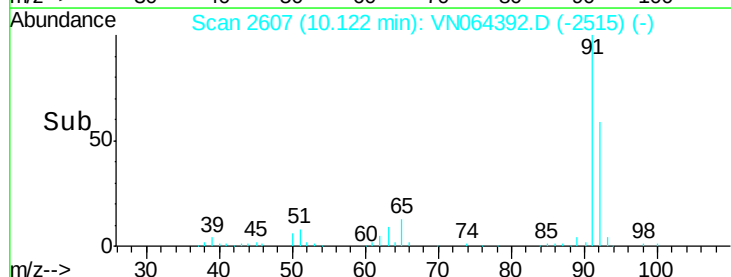
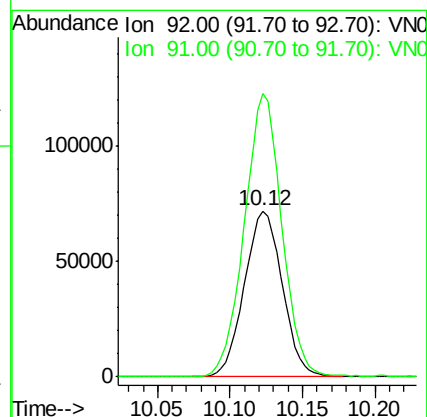
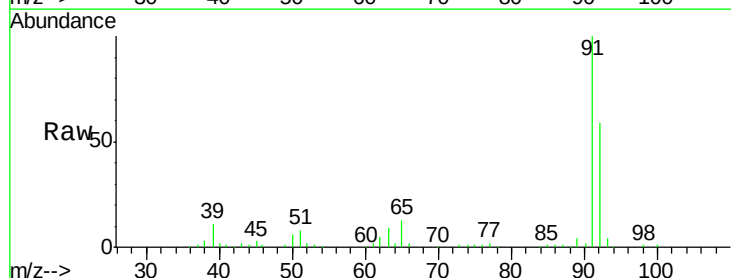
Acq: 30 Oct 2020 11:51

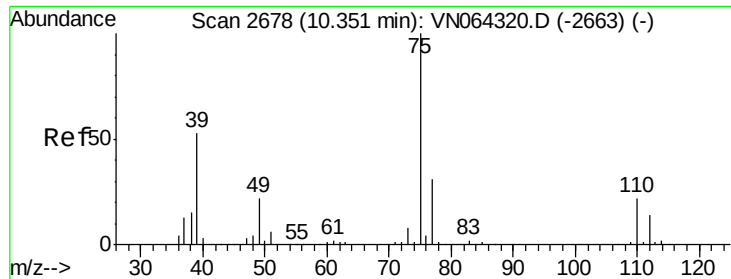
Tgt Ion: 92 Resp: 131018

Ion Ratio Lower Upper

92 100

91 168.7 139.9 209.9





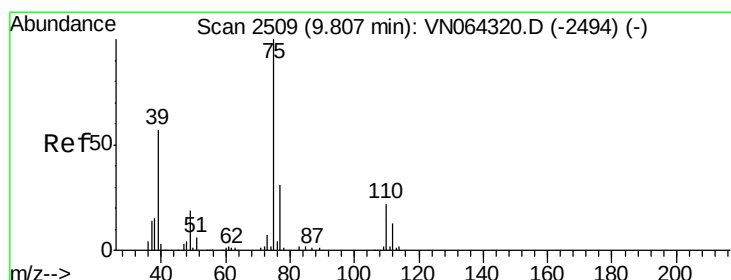
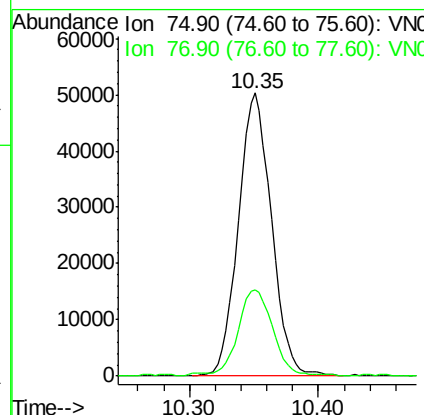
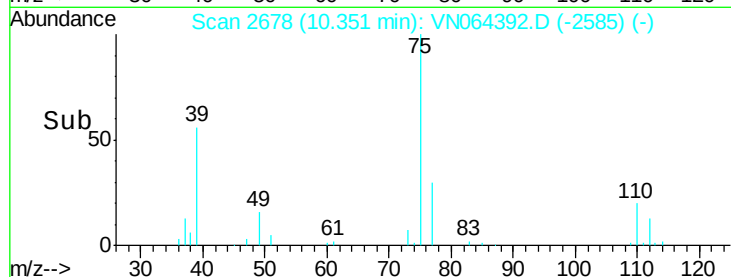
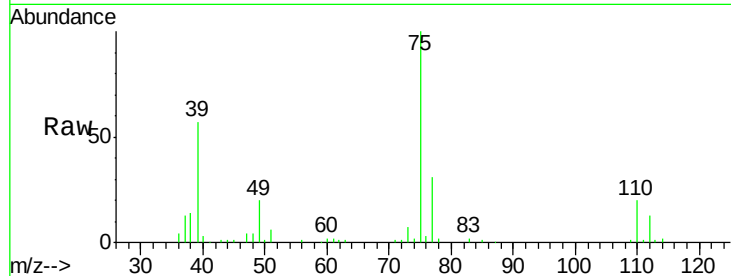
#53
t-1,3-Dichloropropene
Concen: 18.305 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01

Tot Ion: 75 Resp: 89783
Ion Ratio Lower Upper
75 100
77 30.2 24.8 37.2

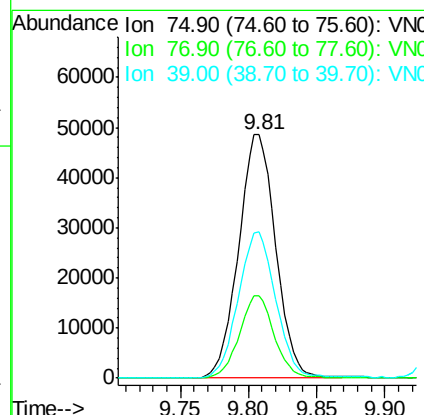
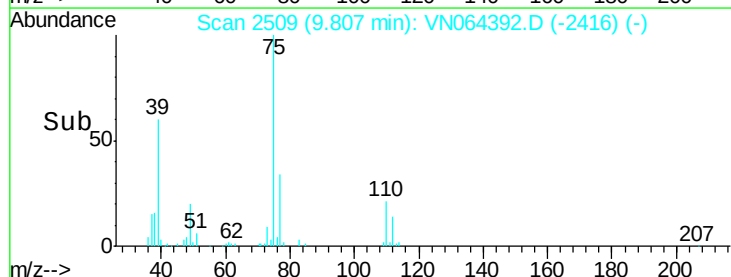
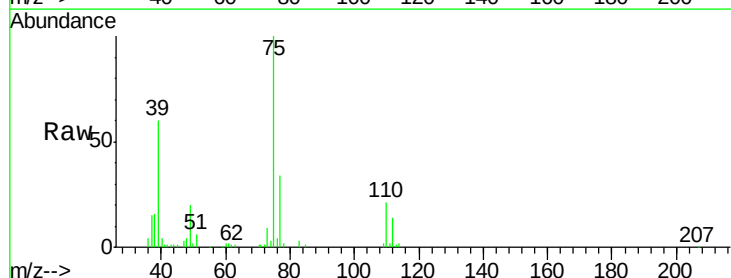
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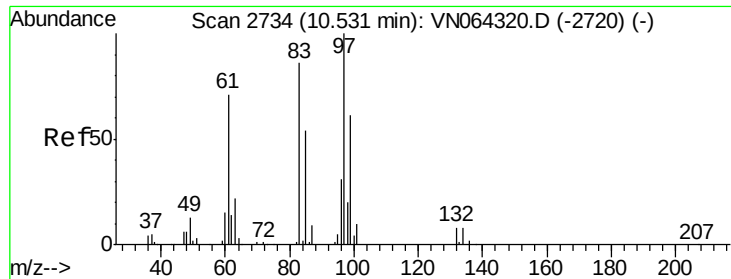
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11/2/2020 4:11:34 PM



#54
cis-1,3-Dichloropropene
Concen: 18.190 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

Tgt Ion: 75 Resp: 91840
Ion Ratio Lower Upper
75 100
77 34.0 25.0 37.4
39 60.3 45.5 68.3





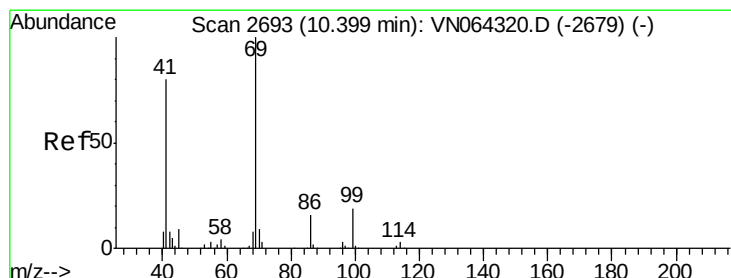
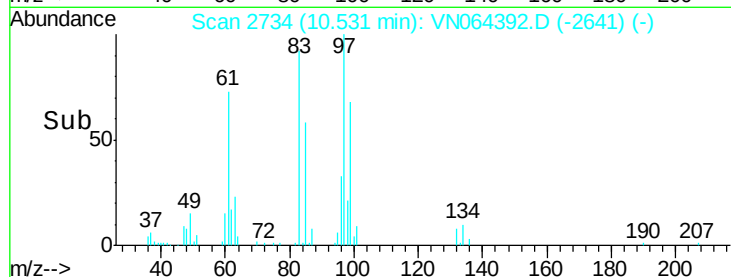
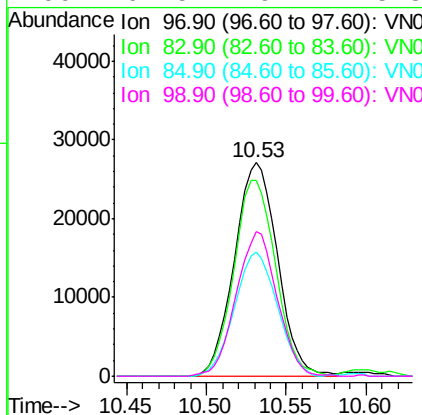
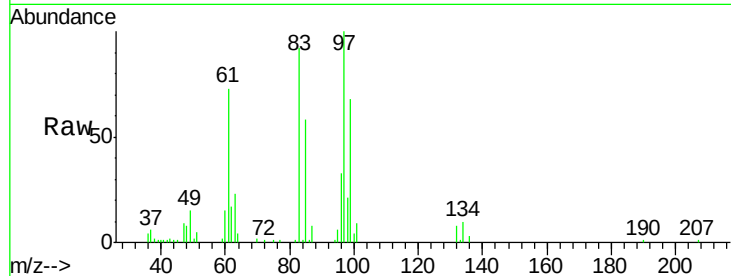
#55
 1,1,2-Trichloroethane
 Concen: 17.933 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN064392.D
 Acq: 30 Oct 2020 11:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030WBS01

Tot Ion:	97	Resp:	49908
Ion	Ratio	Lower	Upper
97	100		
83	91.5	68.9	103.3
85	58.3	43.6	65.4
99	67.5	49.2	73.8

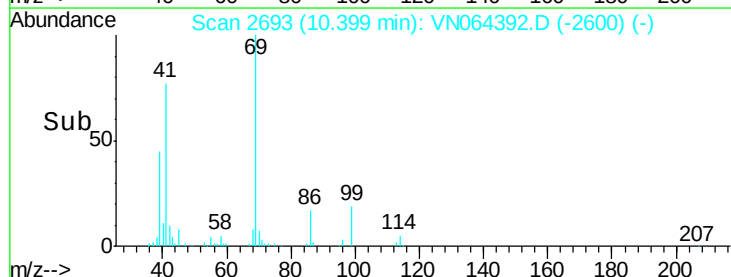
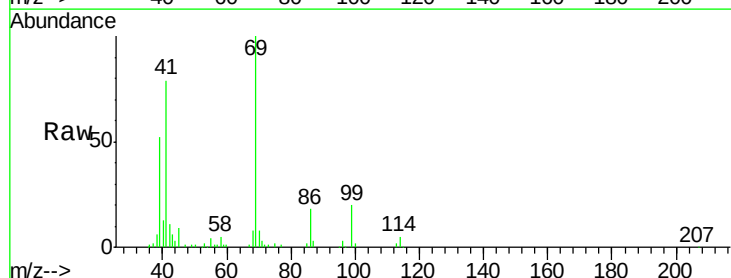
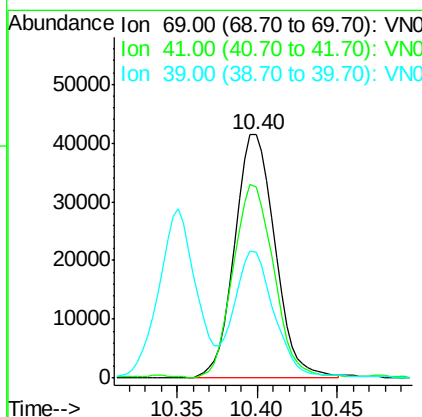
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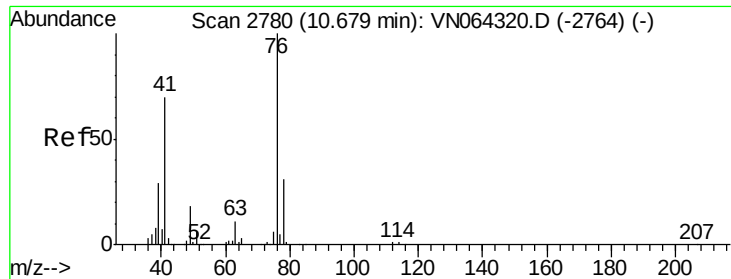
MMDadoda
 11/2/2020 4:11:34 PM



#56
 Ethyl methacrylate
 Concen: 16.950 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064392.D
 Acq: 30 Oct 2020 11:51

Tgt Ion:	69	Resp:	71408
Ion	Ratio	Lower	Upper
69	100		
41	79.2	61.4	92.2
39	50.4	36.5	54.7





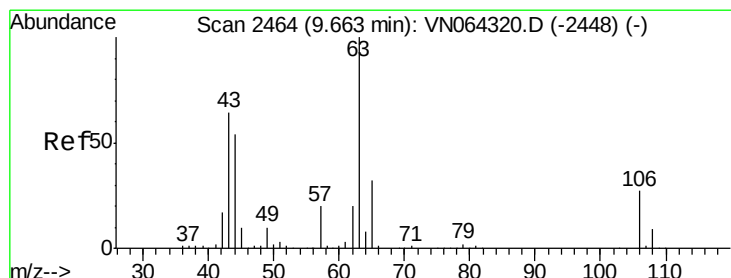
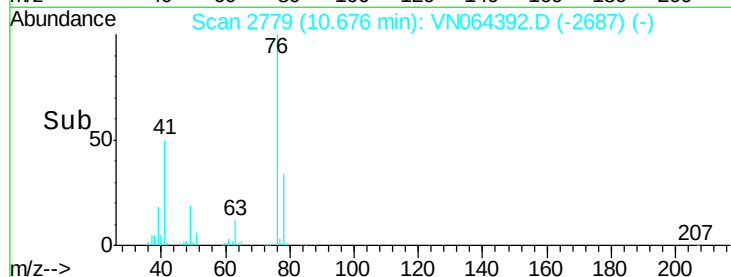
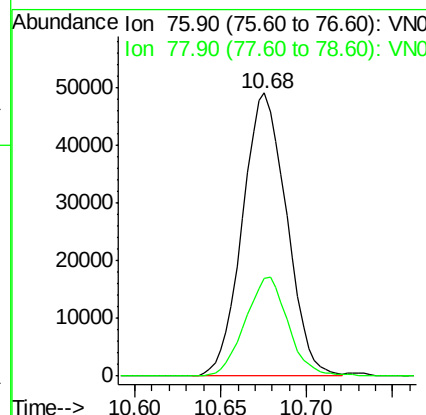
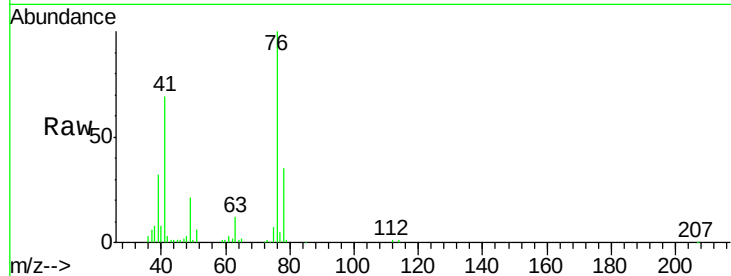
#57
 1,3-Dichloropropane
 Concen: 18.445 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN064392.D
 Acq: 30 Oct 2020 11:51

Instrument :
 MSVOA_N
 ClientSampled :
 VN1030WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	34.1	25.8	38.6

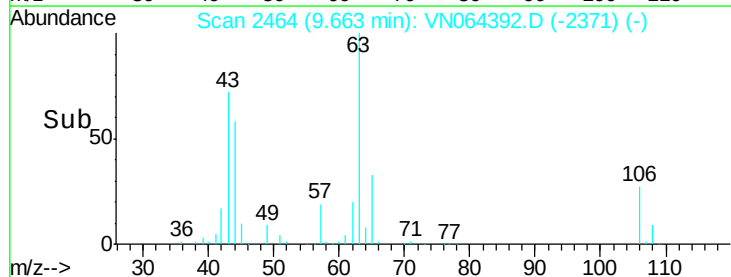
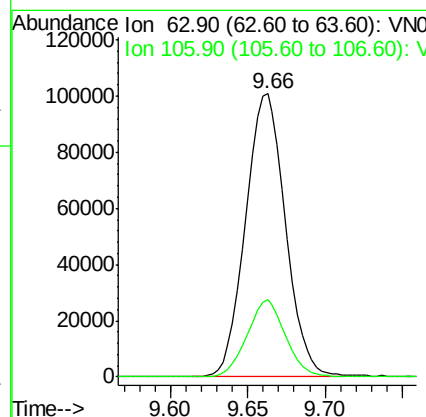
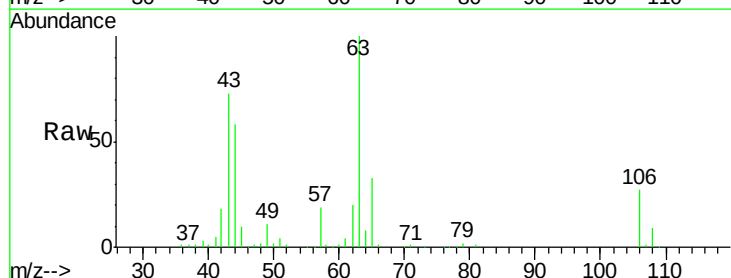
Manual Integrations
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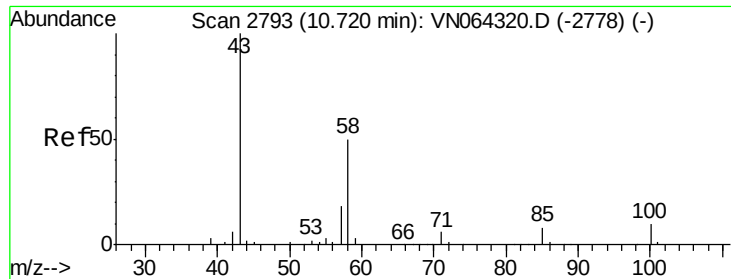
MMDadoda
 11/2/2020 4:11:34 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 78.808 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064392.D
 Acq: 30 Oct 2020 11:51

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.2	21.0	31.4





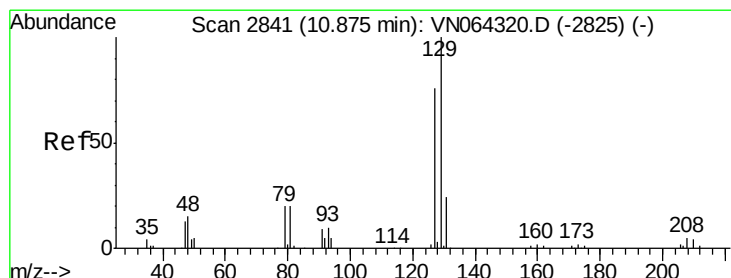
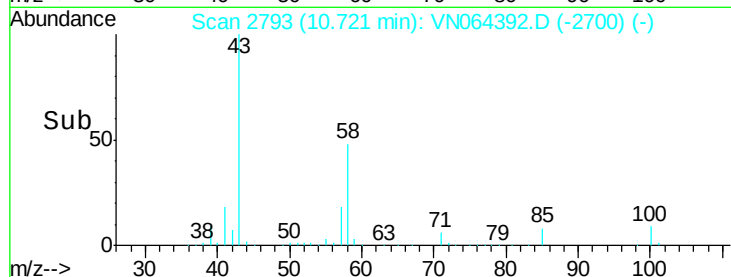
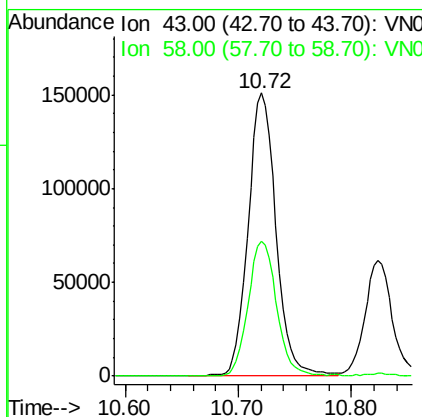
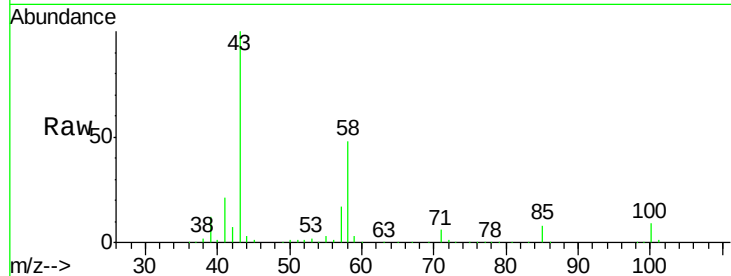
#59
2-Hexanone
Concen: 86.823 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01

Tot Ion: 43 Resp: 257625
Ion Ratio Lower Upper
43 100
58 48.7 25.0 75.0

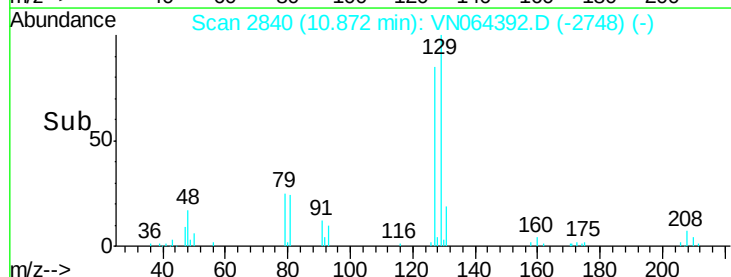
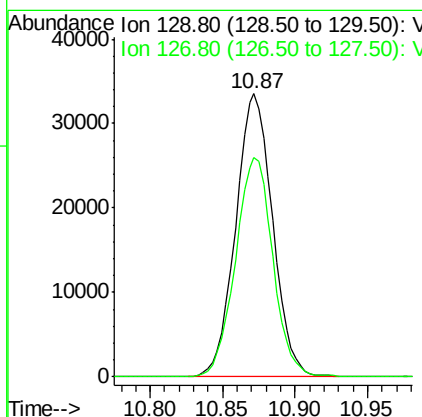
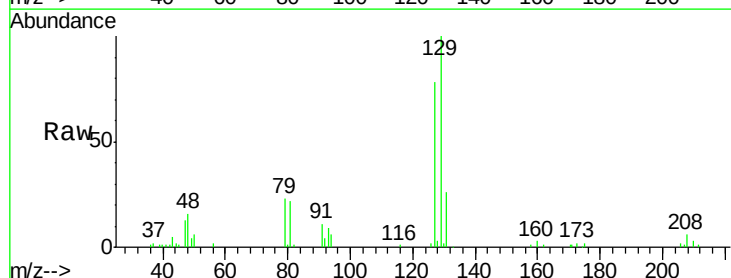
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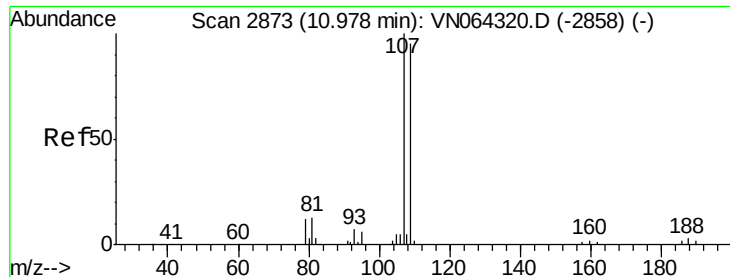
MMDadoda
11/2/2020 4:11:34 PM



#60
Dibromochloromethane
Concen: 18.034 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

Tgt Ion: 129 Resp: 59342
Ion Ratio Lower Upper
129 100
127 78.3 38.5 115.3





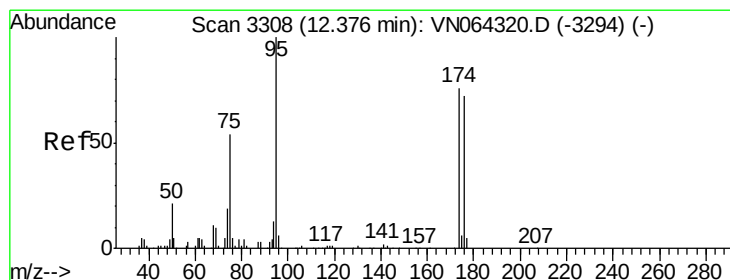
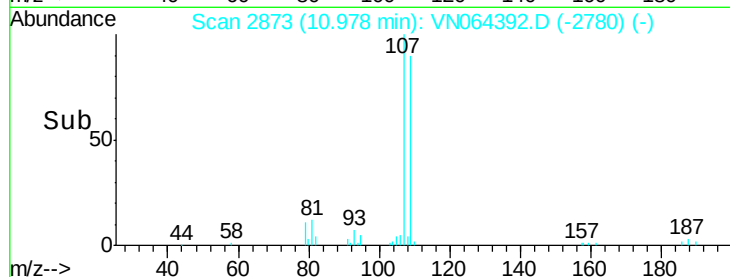
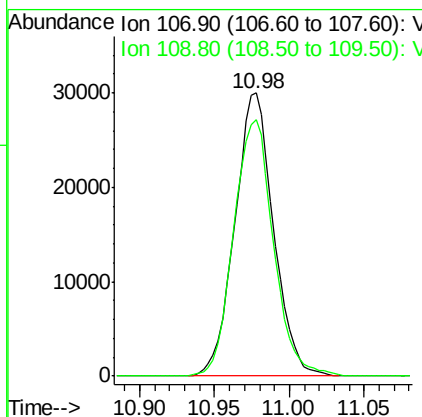
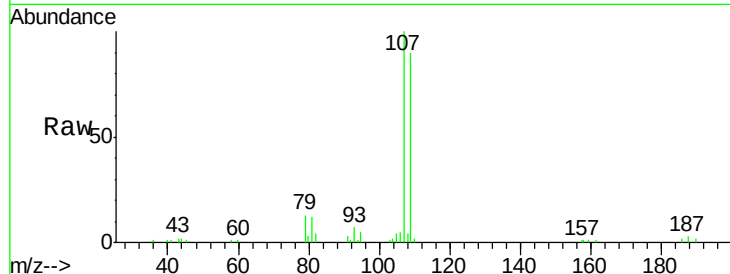
#61
 1,2-Dibromoethane
 Concen: 19.057 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064392.D
 Acq: 30 Oct 2020 11:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.2	75.8	113.8

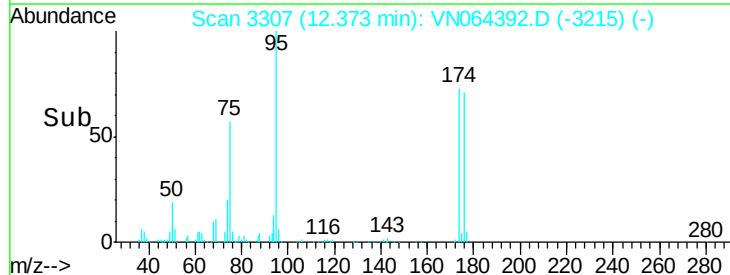
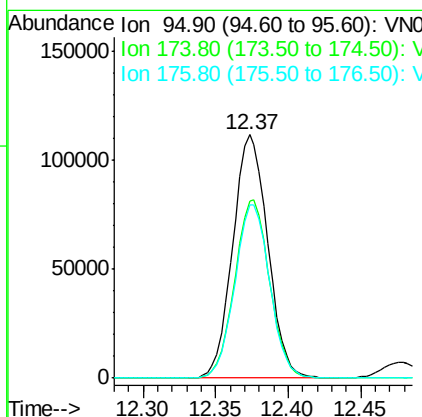
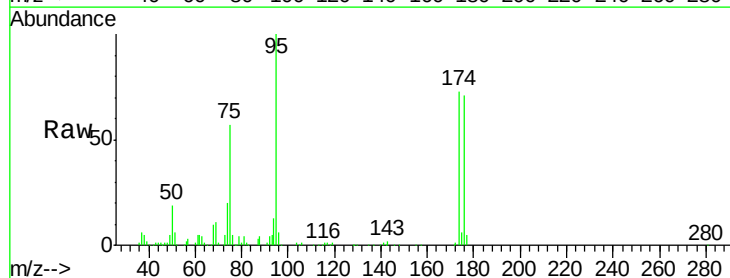
Manual Integrations
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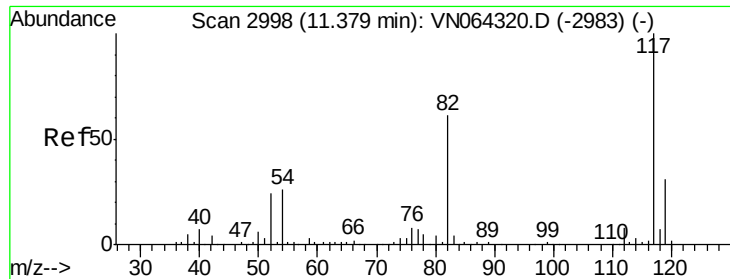
MMDadoda
 11/2/2020 4:11:34 PM



#62
 4-Bromofluorobenzene
 Concen: 48.930 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN064392.D
 Acq: 30 Oct 2020 11:51

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.0	0.0	147.4
176	71.3	0.0	143.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2997

Delta R.T. -0.00 min

Lab File: VN064392.D

Acq: 30 Oct 2020 11:51

Instrument :

MSVOA_N

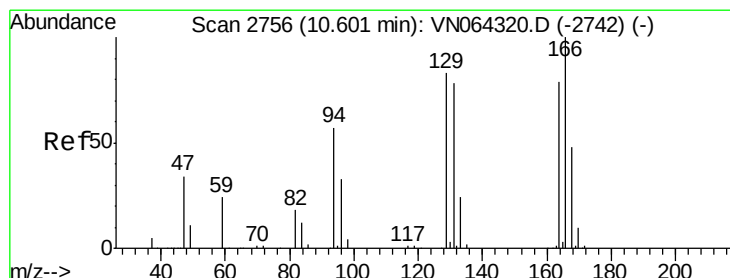
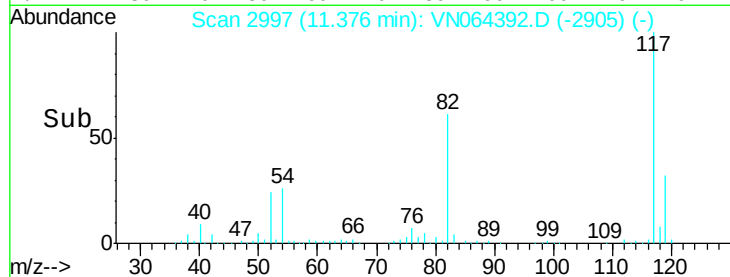
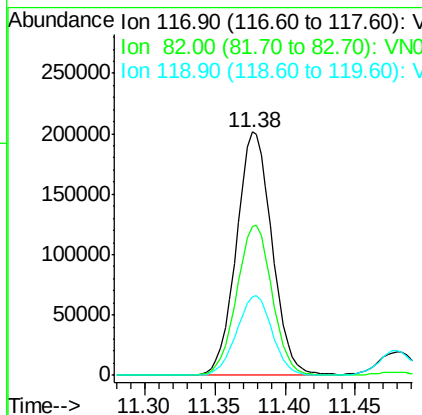
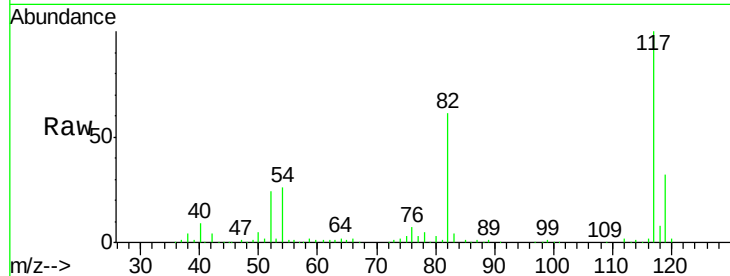
ClientSampleId :

VN1030WBS01

Tot Ion:	117	Resp:	356547
Ion Ratio	Lower	Upper	
117	100		
82	61.0	48.8	73.2
119	32.3	25.1	37.7

Manual Integrations
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#64

Tetrachloroethene

Concen: 18.607 ug/l

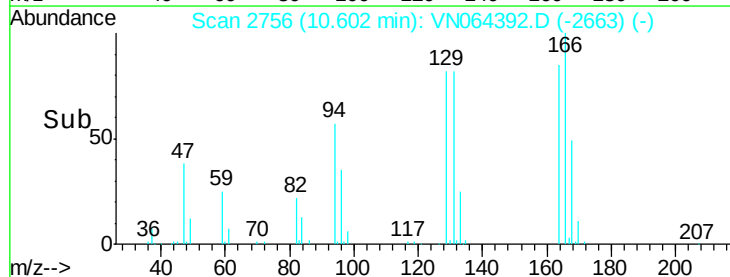
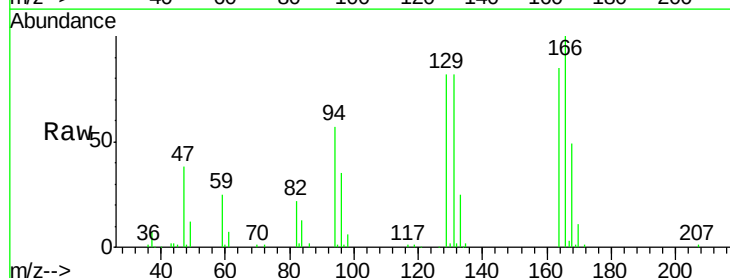
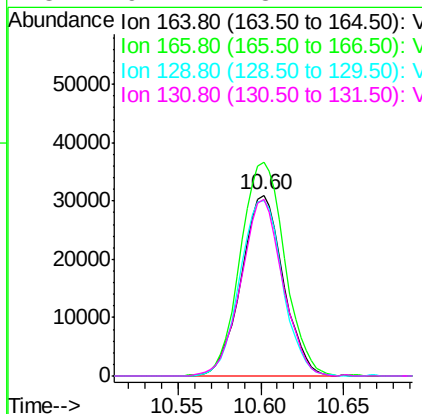
RT: 10.60 min Scan# 2756

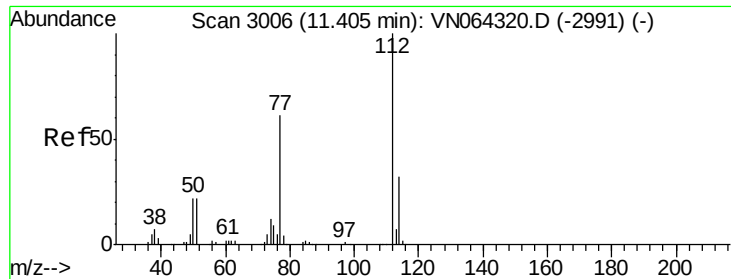
Delta R.T. 0.00 min

Lab File: VN064392.D

Acq: 30 Oct 2020 11:51

Tgt Ion:	164	Resp:	54526
Ion Ratio	Lower	Upper	
164	100		
166	118.2	100.7	151.1
129	97.2	83.7	125.5
131	97.4	78.2	117.2





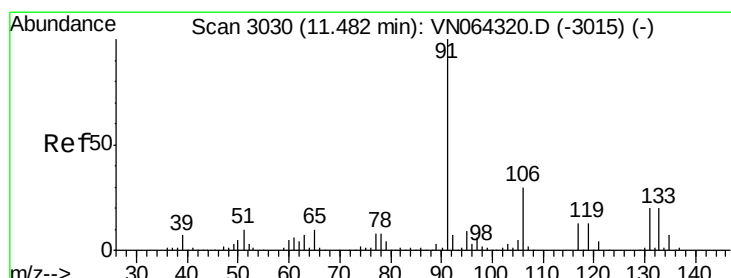
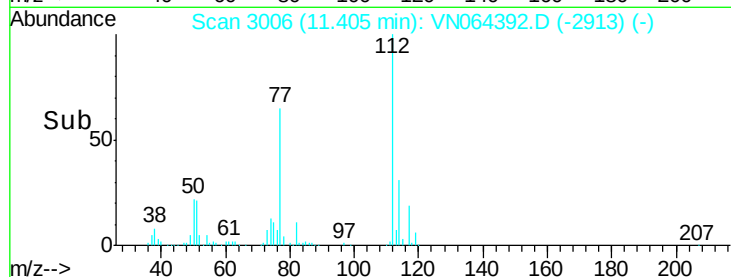
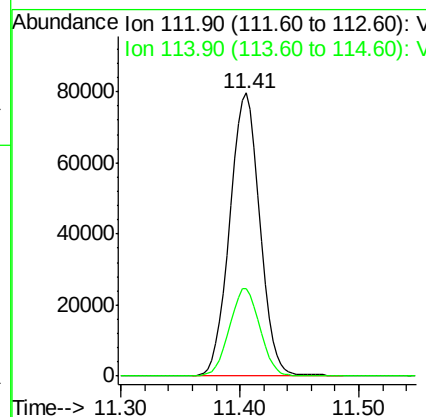
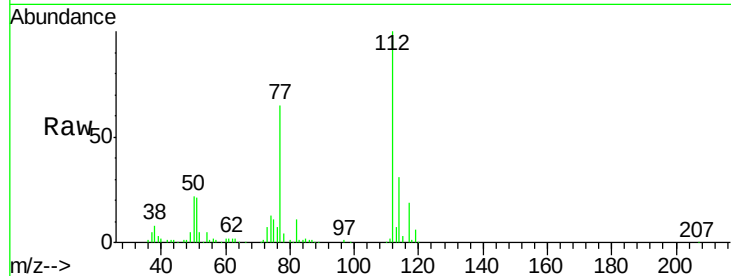
#65
Chlorobenzene
Concen: 19.325 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01

Tot Ion:112 Resp: 139689
Ion Ratio Lower Upper
112 100
114 31.1 25.4 38.0

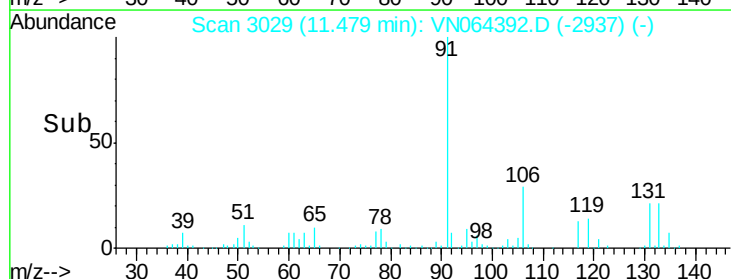
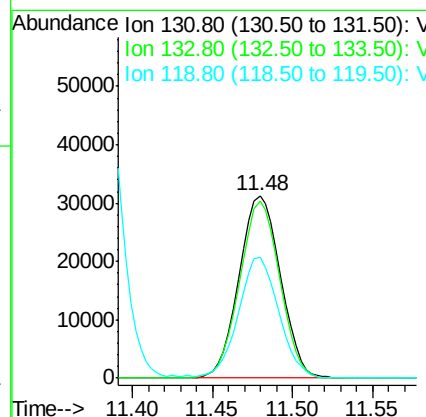
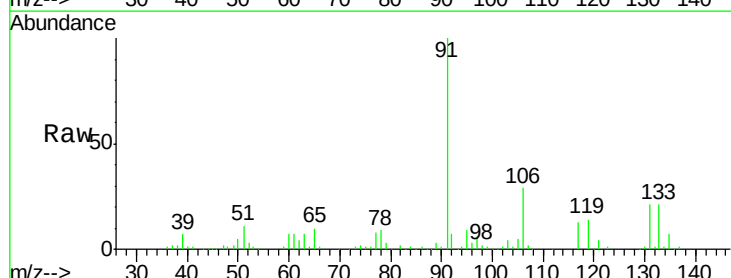
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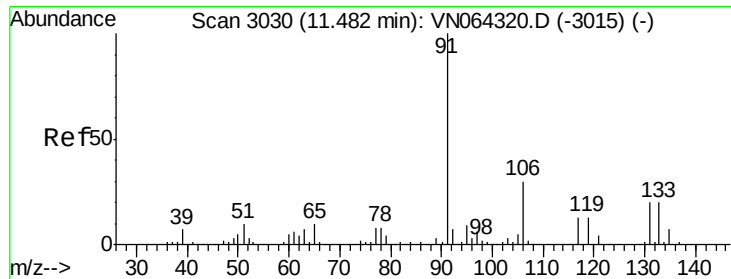
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.900 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

Tgt Ion:131 Resp: 55217
Ion Ratio Lower Upper
131 100
133 93.6 49.3 147.8
119 64.4 32.3 96.9





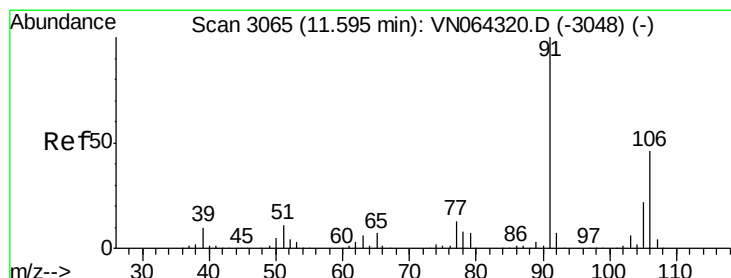
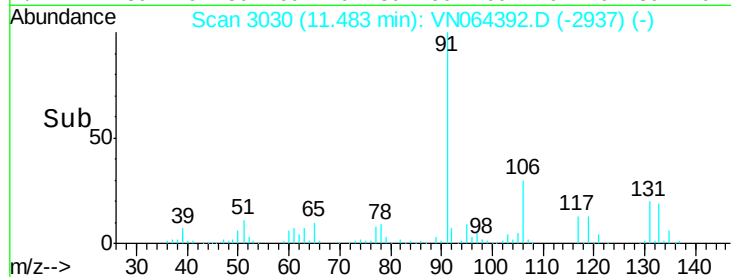
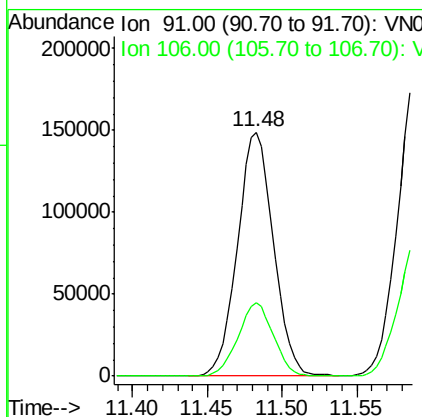
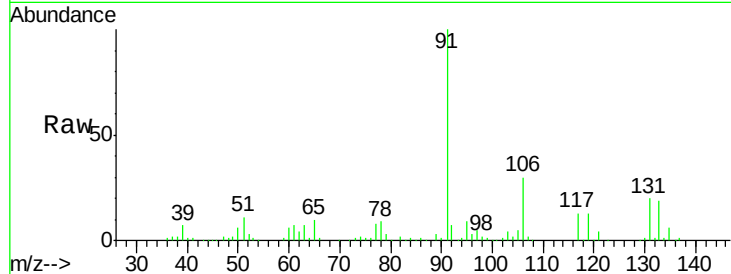
#67
Ethyl Benzene
Concen: 18.512 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01

Tot Ion: 91 Resp: 248774
Ion Ratio Lower Upper
91 100
106 30.0 23.7 35.5

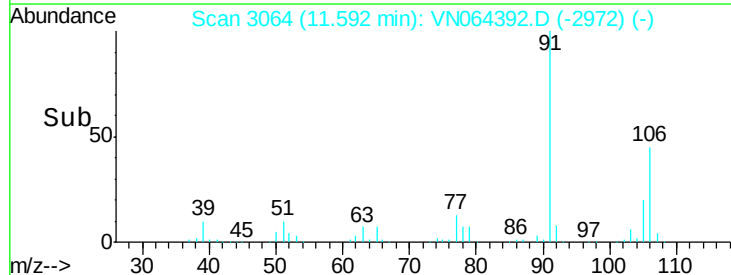
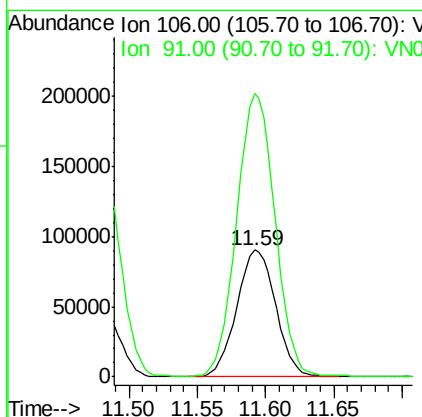
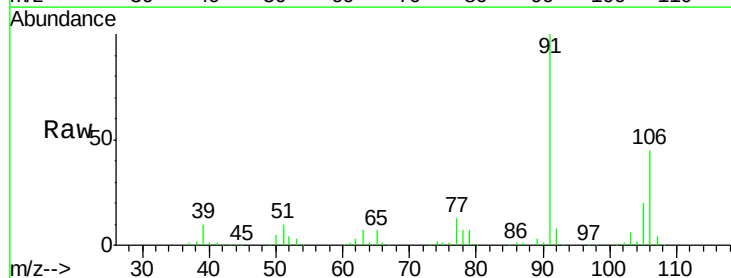
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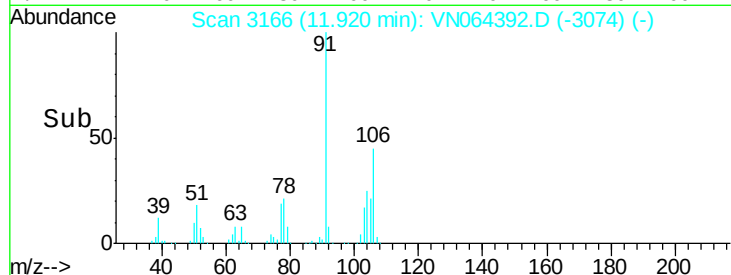
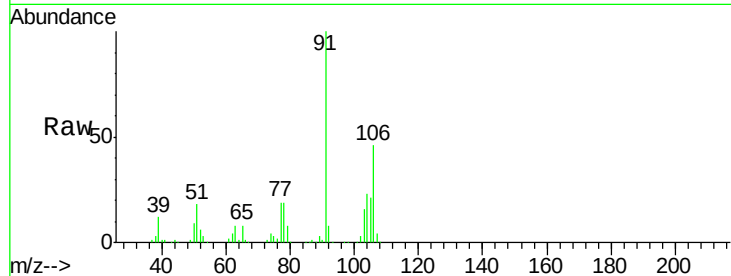
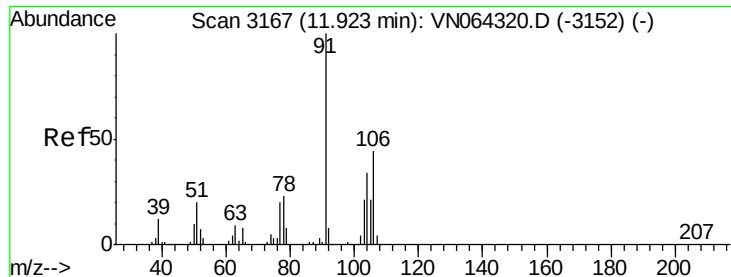
MMDadoda
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#68
m/p-Xylenes
Concen: 35.959 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

Tgt Ion: 106 Resp: 179083
Ion Ratio Lower Upper
106 100
91 219.8 170.2 255.4





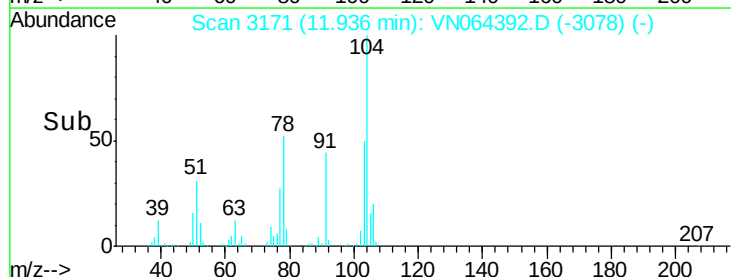
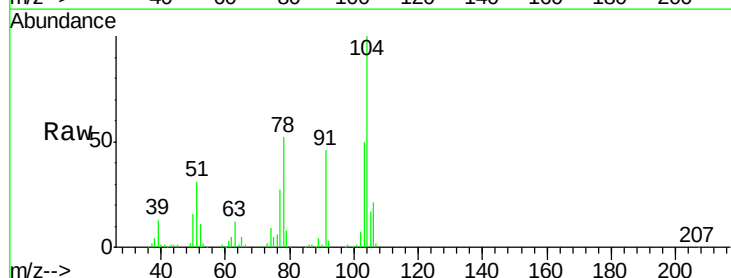
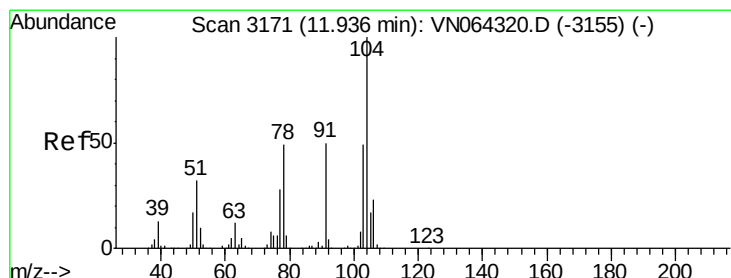
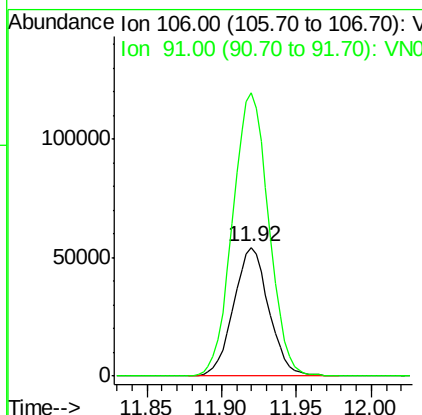
#69
o-Xylene
Concen: 18.575 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

Tot Ion:106 Resp: 89126
Ion Ratio Lower Upper
106 100
91 224.9 114.5 343.5

Instrument :
MSVOA_N
ClientSampled :
VN1030WBS01

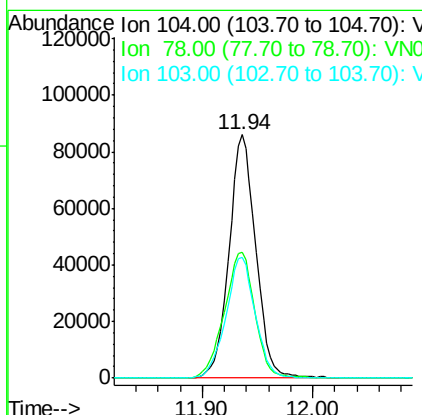
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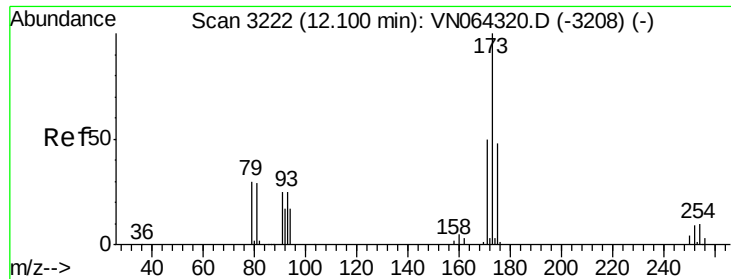
MMDadoda
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#70
Styrene
Concen: 18.342 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

Tgt Ion:104 Resp: 144290
Ion Ratio Lower Upper
104 100
78 58.9 43.7 65.5
103 54.5 43.3 64.9





#71

Bromoform

Concen: 17.739 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064392.D

Acq: 30 Oct 2020 11:51

Instrument :

MSVOA_N

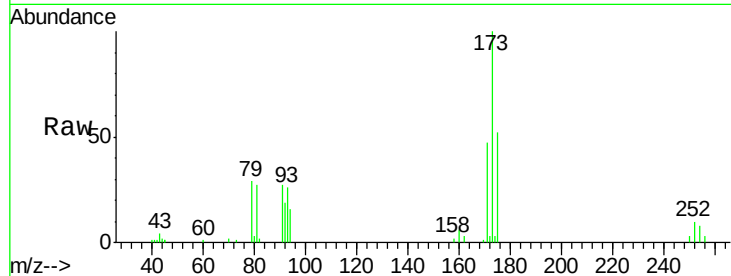
ClientSampleId :

VN1030WBS01

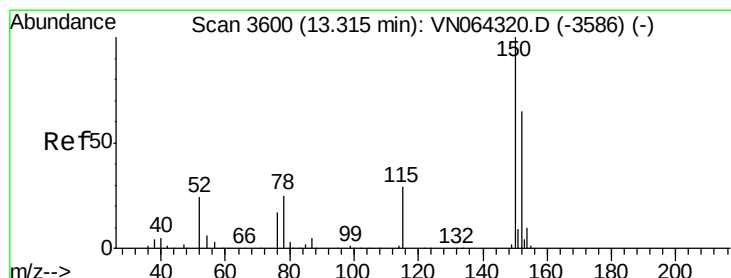
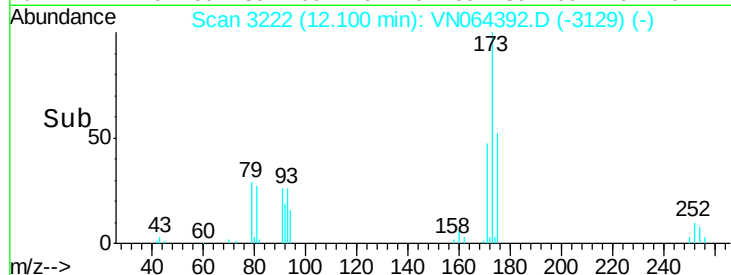
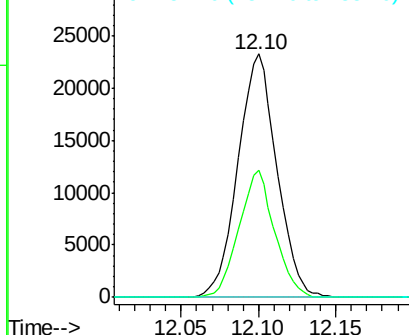
Tot Ion:	173	Resp:	40675
Ion Ratio	Lower	Upper	
173	100		
175	47.8	25.4	76.0
254	0.0	0.0	0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

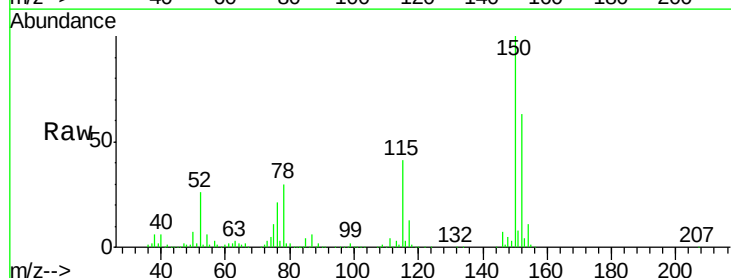
RT: 13.32 min Scan# 3600

Delta R.T. 0.00 min

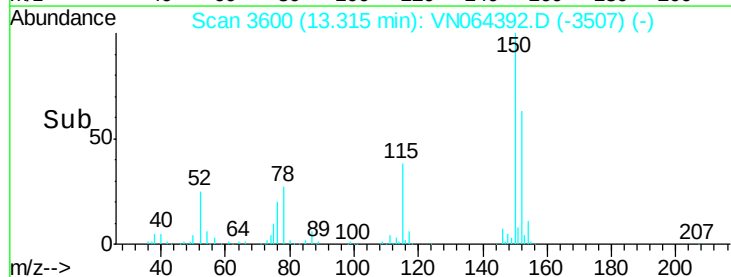
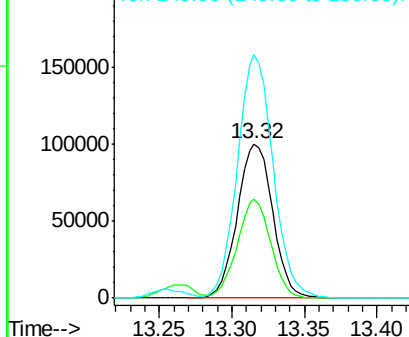
Lab File: VN064392.D

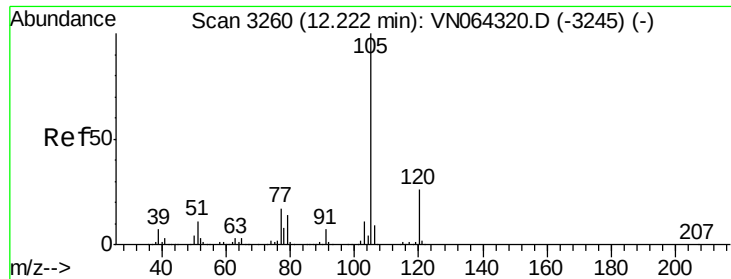
Acq: 30 Oct 2020 11:51

Tgt Ion:	152	Resp:	169768
Ion Ratio	Lower	Upper	
152	100		
115	60.2	31.5	94.5
150	158.7	0.0	346.2



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





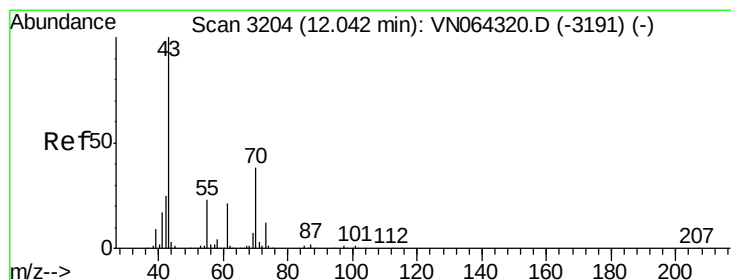
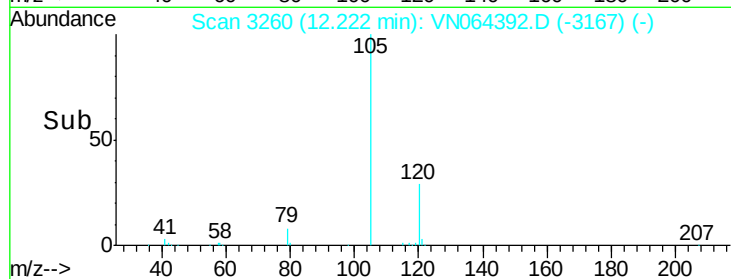
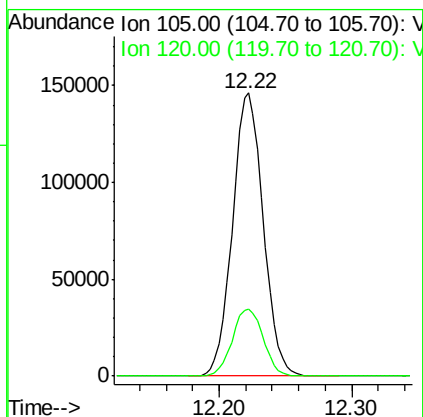
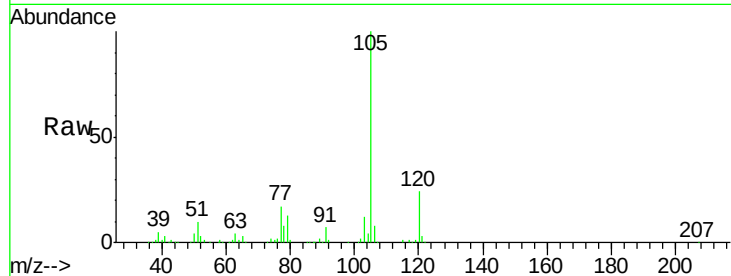
#73
Isopropylbenzene
Concen: 18.453 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	23.9	13.2	39.5

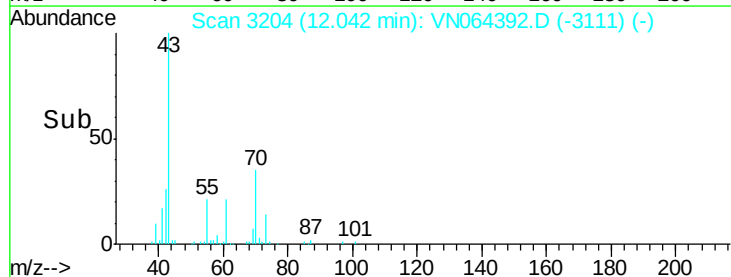
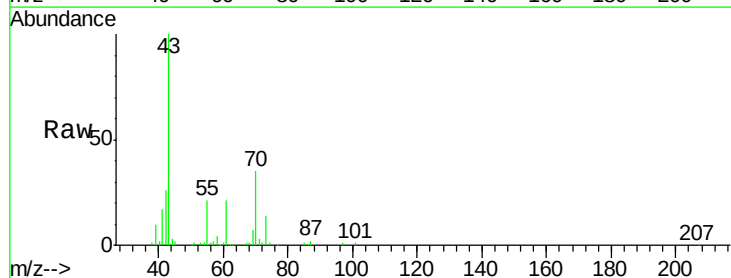
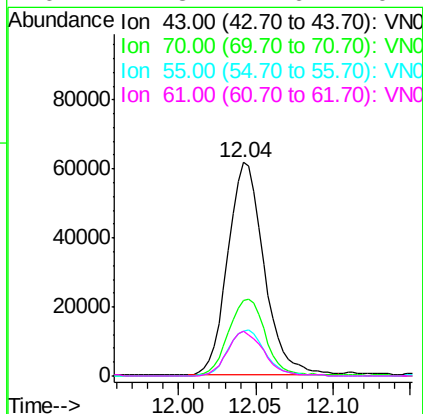
Manual Integrations
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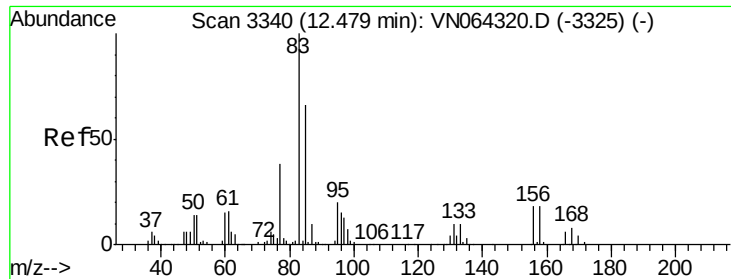
MMDadoda
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#74
N-ethyl acetate
Concen: 17.826 ug/l
RT: 12.04 min Scan# 3204
Delta R.T. 0.00 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

Tgt Ion	Ratio	Lower	Upper
43	100		
70	37.1	30.6	45.8
55	22.2	18.2	27.4
61	21.3	17.6	26.4





#75

1,1,2,2-Tetrachloroethane

Concen: 18.633 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064392.D

Acq: 30 Oct 2020 11:51

Instrument :

MSVOA_N

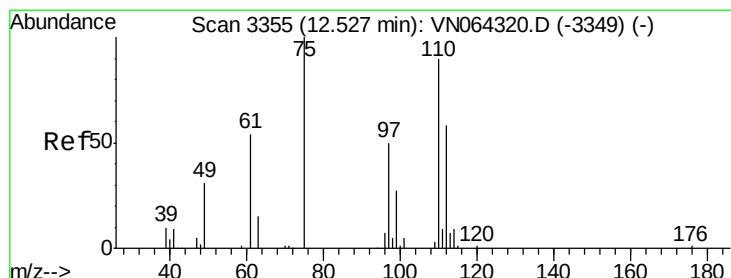
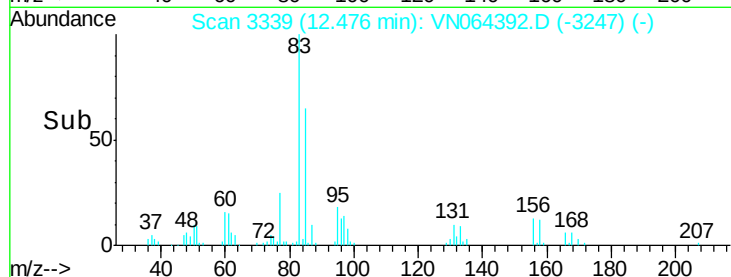
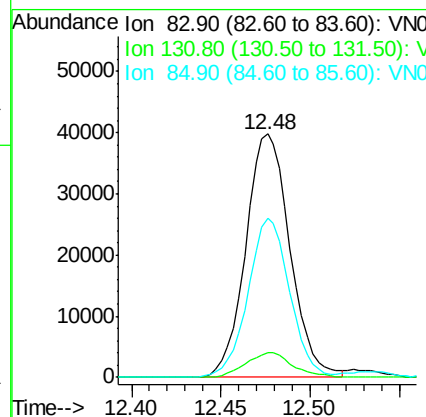
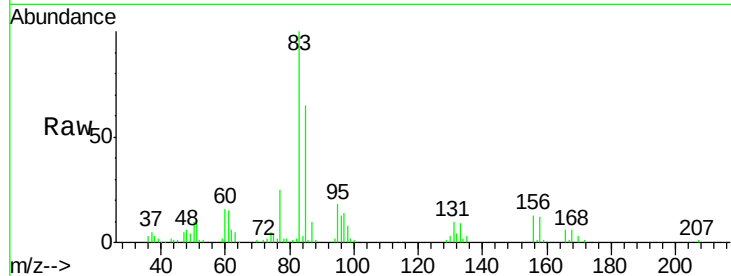
ClientSampleId :

VN1030WBS01

Tot Ion:	83	Resp:	68865
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.4	16.2
85	61.3	33.0	98.9

Manual Integrations
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11/2/2020 4:11:34 PM



#76

1,2,3-Trichloropropane

Concen: 17.116 ug/l m

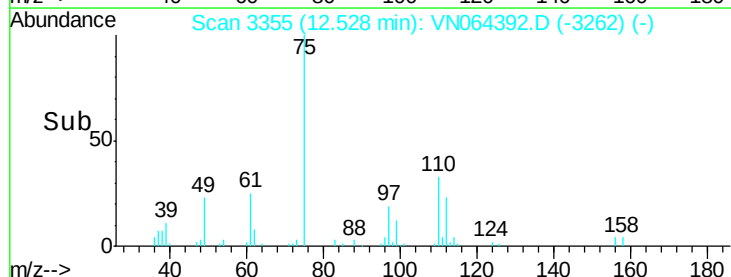
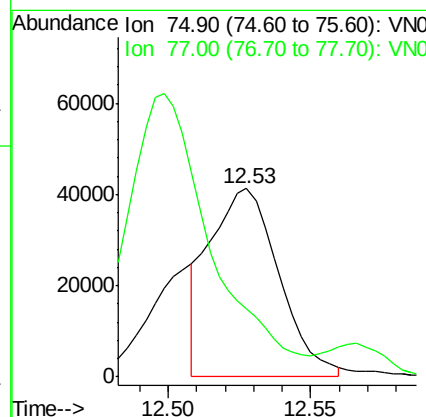
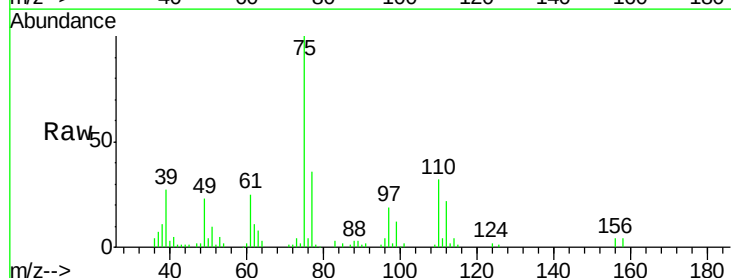
RT: 12.53 min Scan# 3355

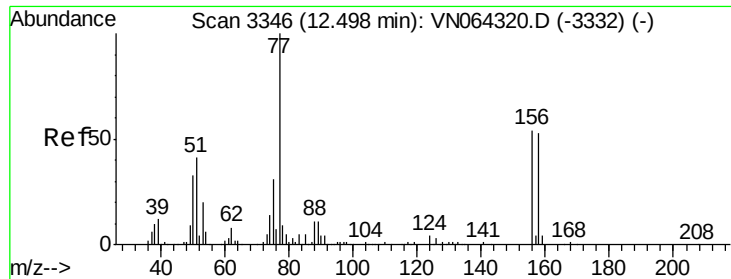
Delta R.T. 0.00 min

Lab File: VN064392.D

Acq: 30 Oct 2020 11:51

Tgt Ion:	75	Resp:	69585
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





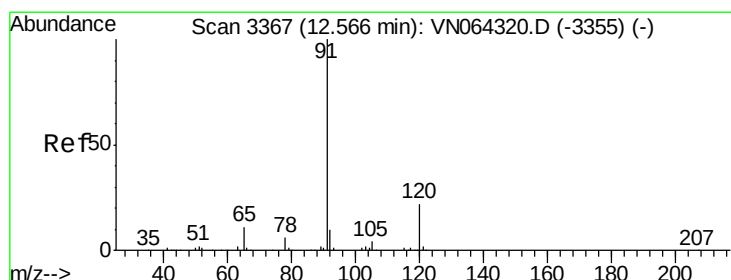
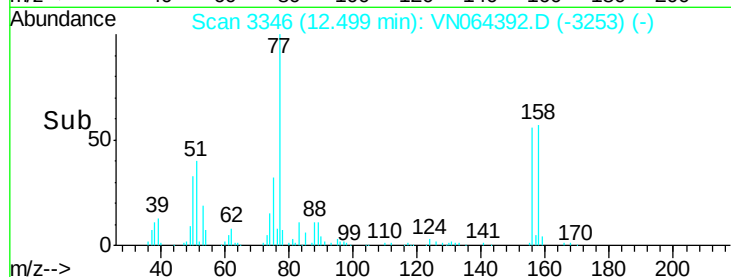
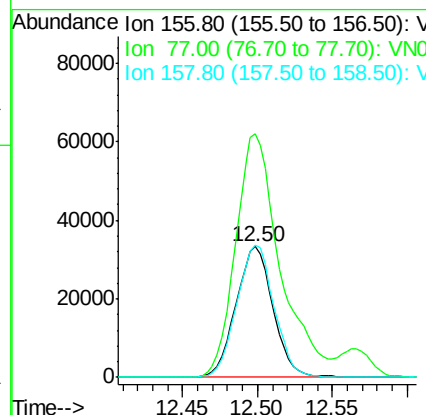
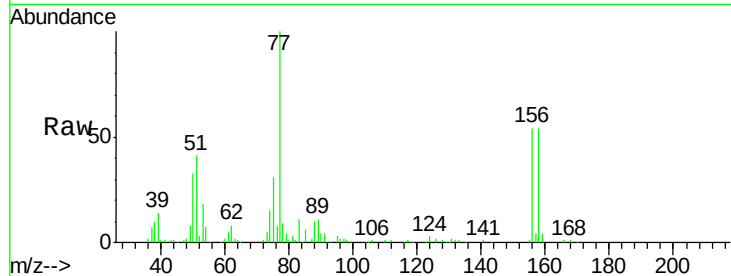
#77
Bromobenzene
Concen: 18.443 ug/l
RT: 12.50 min Scan# 3346
Delta R.T. 0.00 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	224.0	111.9	335.7
158	101.9	49.0	147.0

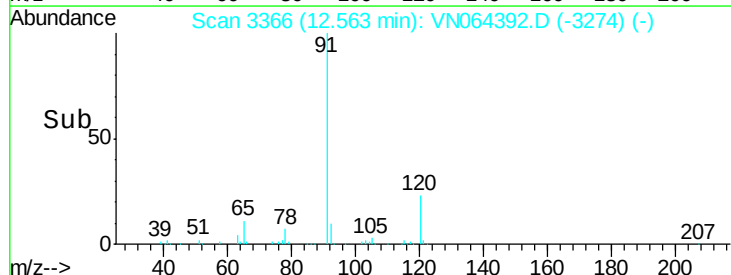
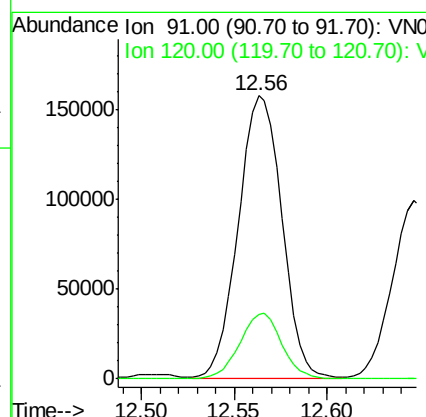
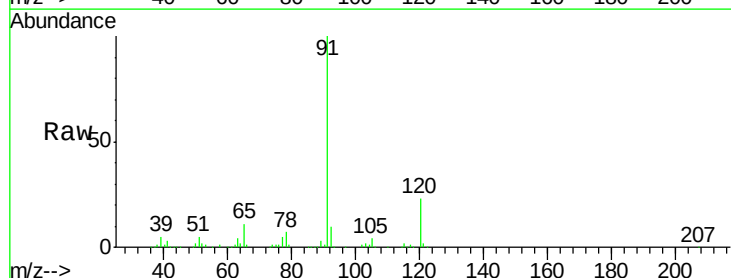
Manual Integrations
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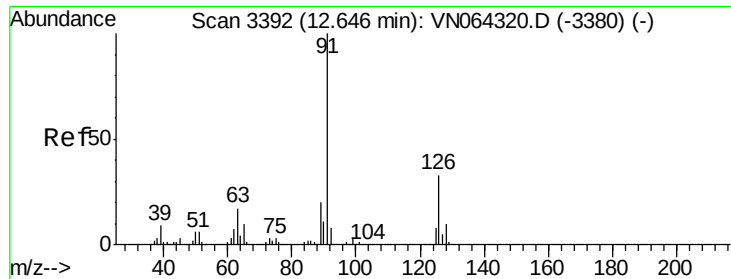
MMDadoda
11/2/2020 4:11:34 PM



#78
n-propylbenzene
Concen: 17.949 ug/l
RT: 12.56 min Scan# 3366
Delta R.T. -0.00 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.2	33.5





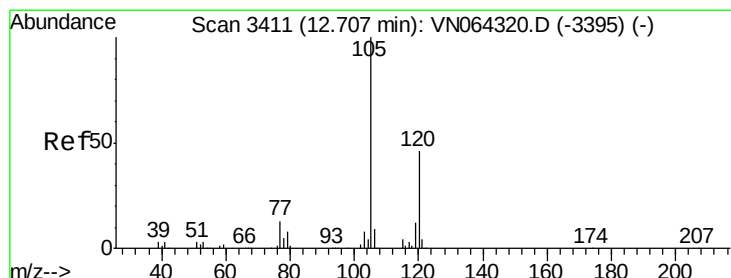
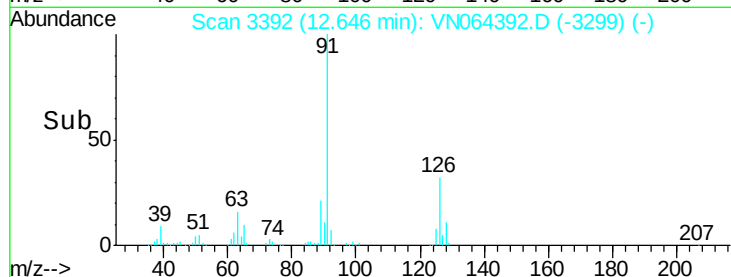
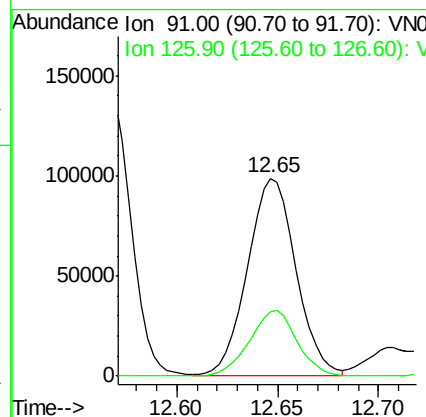
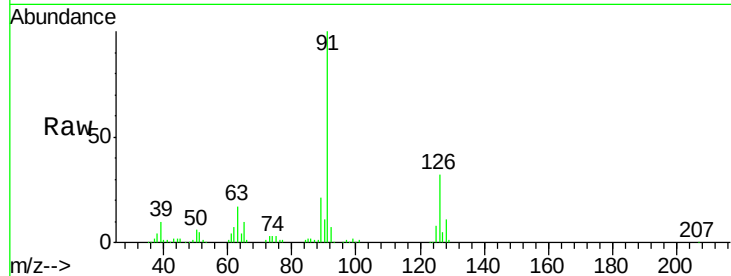
#79
 2-Chlorotoluene
 Concen: 18.110 ug/l
 RT: 12.65 min Scan# 3392
 Delta R.T. 0.00 min
 Lab File: VN064392.D
 Acq: 30 Oct 2020 11:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030WBS01

Tot Ion: 91 Resp: 166651
 Ion Ratio Lower Upper
 91 100
 126 32.5 16.2 48.5

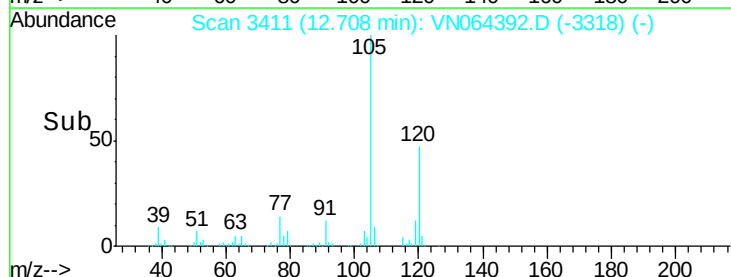
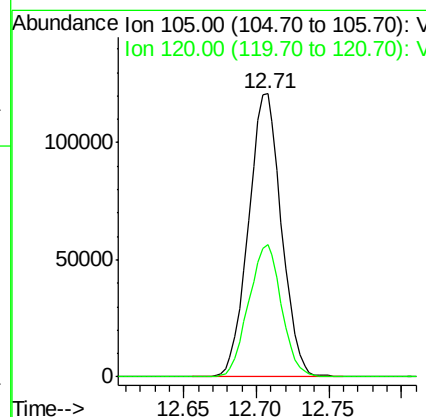
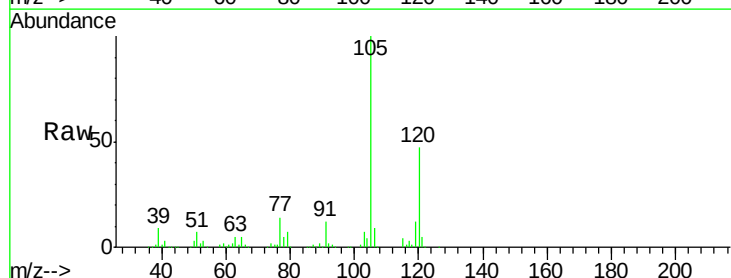
Manual Integrations
 APPROVED

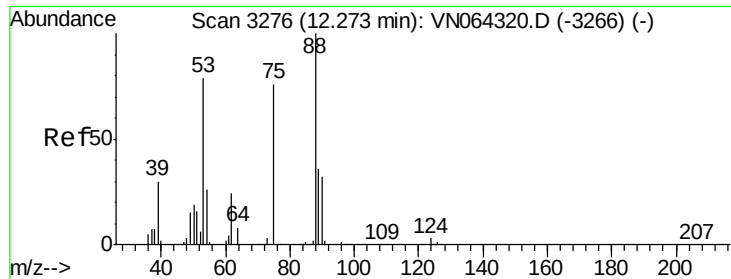
MMDadoda
 11/2/2020 4:11:34 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 17.766 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN064392.D
 Acq: 30 Oct 2020 11:51

Tgt Ion: 105 Resp: 191146
 Ion Ratio Lower Upper
 105 100
 120 46.9 22.9 68.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.623 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064392.D

Acq: 30 Oct 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

VN1030WBS01

Tot Ion: 75 Resp: 24872

Ion Ratio Lower Upper

75 100

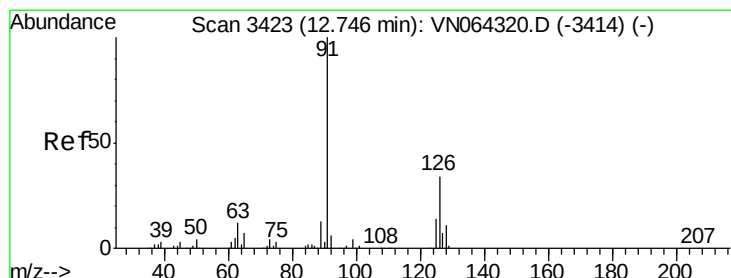
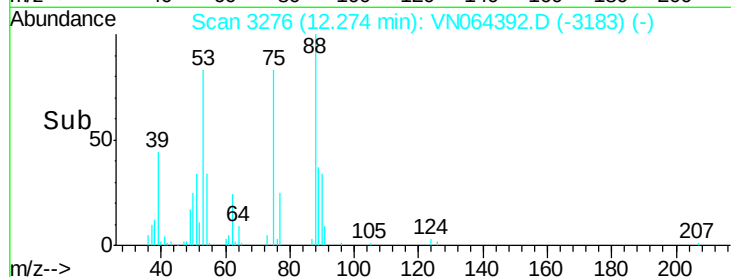
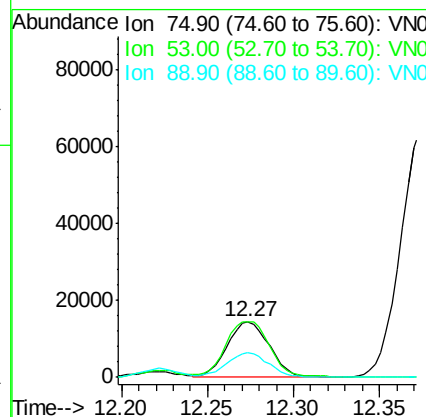
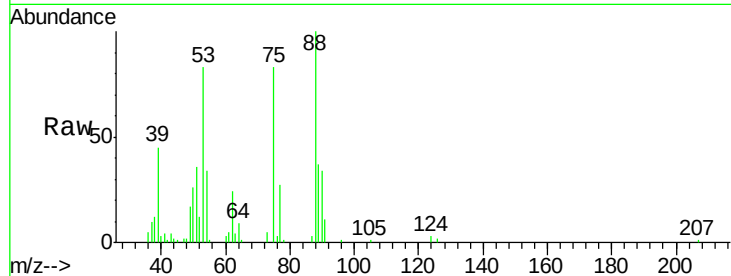
53 105.3 81.8 122.8

89 44.4 39.9 59.9

Manual Integrations
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#82

4-Chlorotoluene

Concen: 18.579 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064392.D

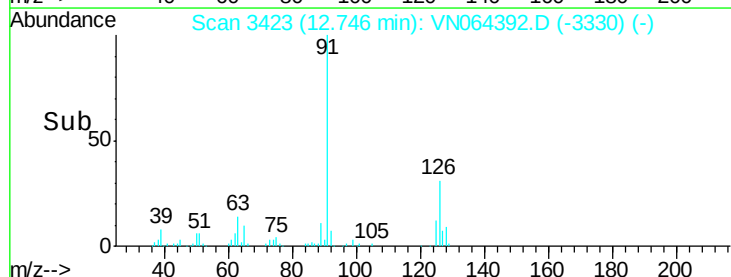
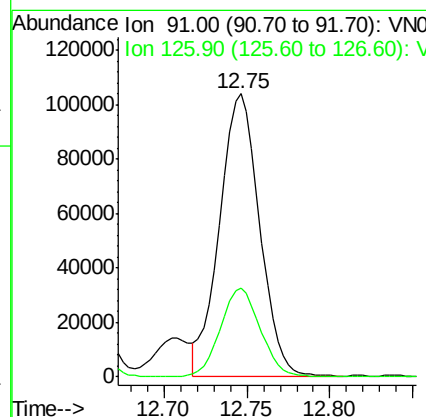
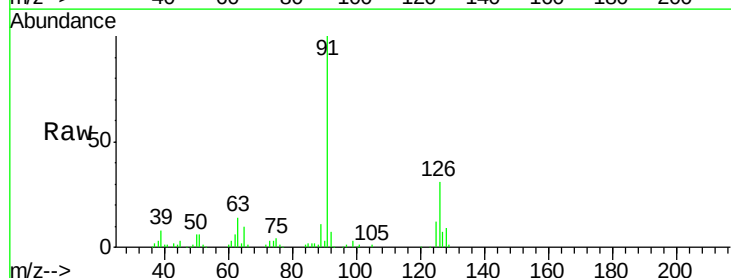
Acq: 30 Oct 2020 11:51

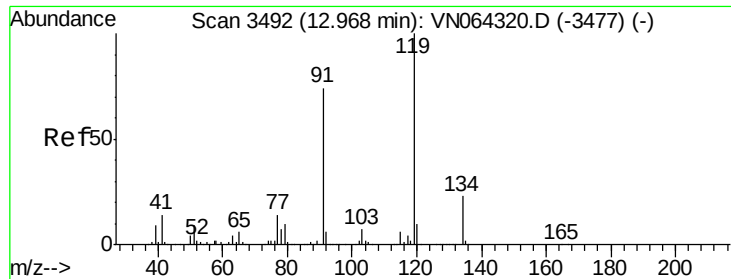
Tgt Ion: 91 Resp: 174169

Ion Ratio Lower Upper

91 100

126 31.3 15.8 47.3





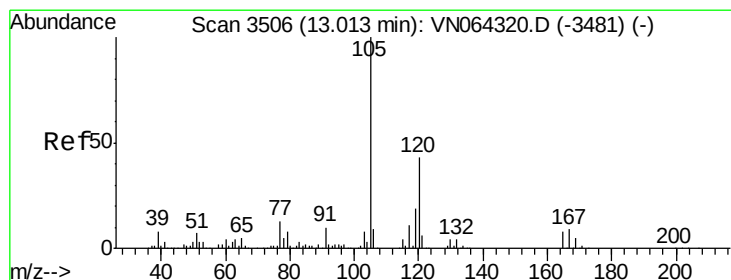
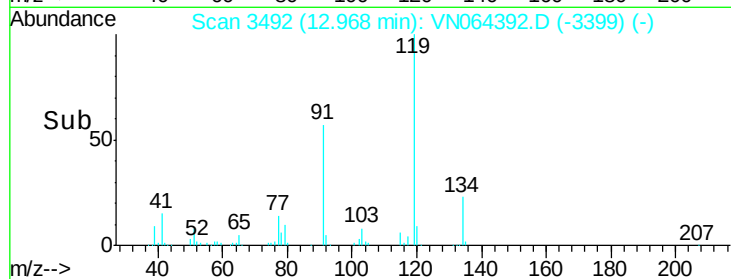
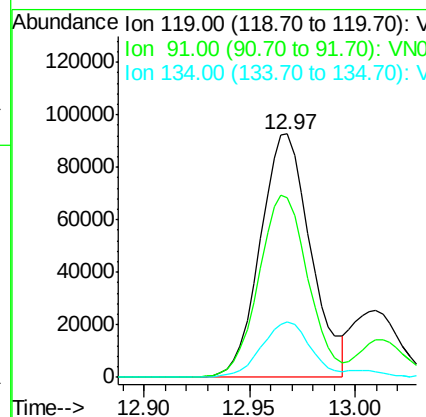
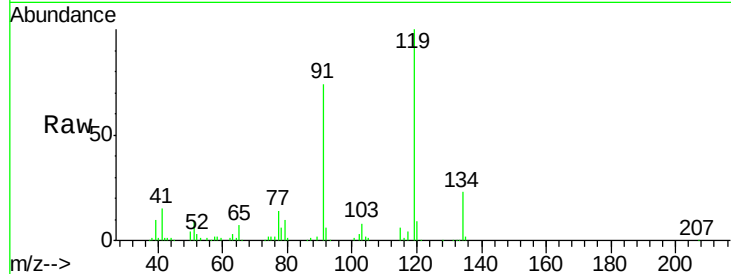
#83
 tert-Butylbenzene
 Concen: 17.469 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064392.D
 Acq: 30 Oct 2020 11:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	154231		
91	73.6	36.4	109.1	
134	22.2	12.0	36.1	

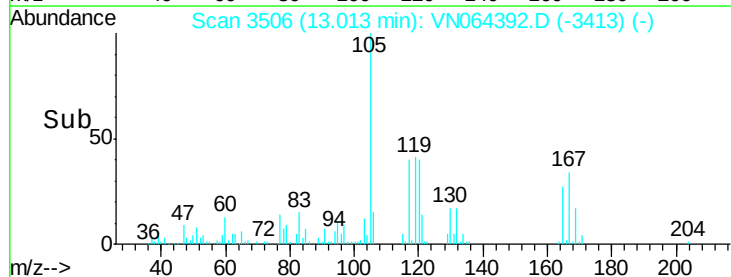
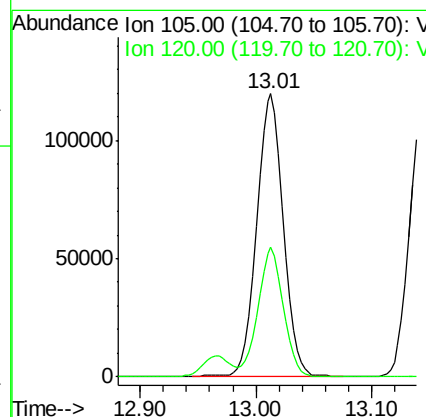
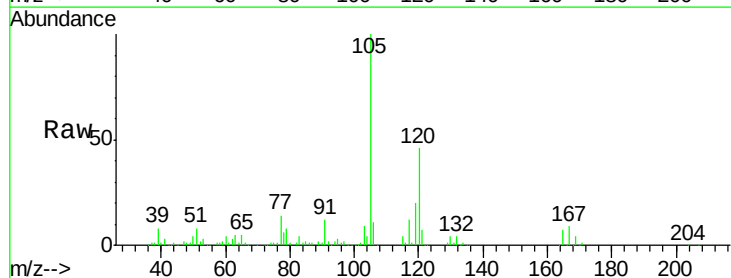
Manual Integrations
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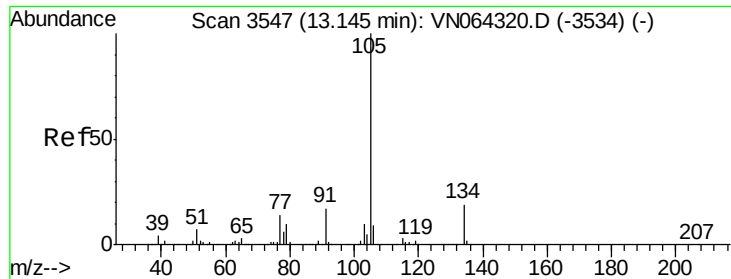
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 17.917 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064392.D
 Acq: 30 Oct 2020 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	192615		
120	43.6	21.3	64.0	





#85

sec-Butylbenzene

Concen: 16.647 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN064392.D

Acq: 30 Oct 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

VN1030WBS01

Tot Ion:105 Resp: 190191

Ion Ratio Lower Upper

105 100

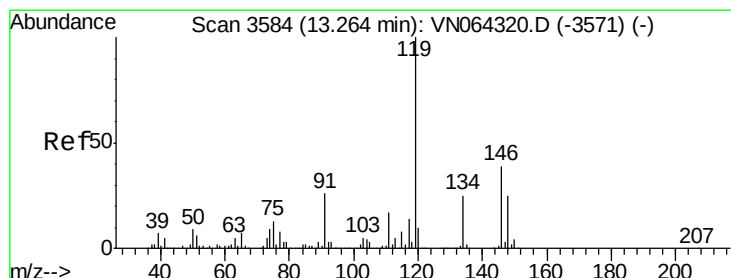
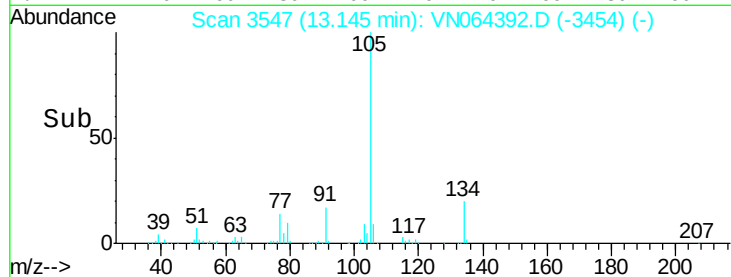
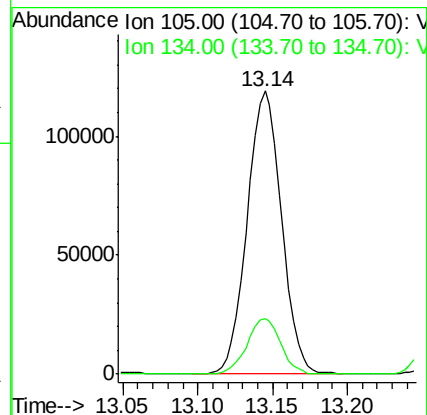
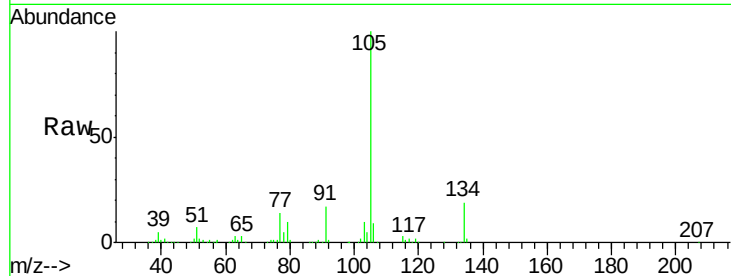
134 19.2 9.6 28.8

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 16.849 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN064392.D

Acq: 30 Oct 2020 11:51

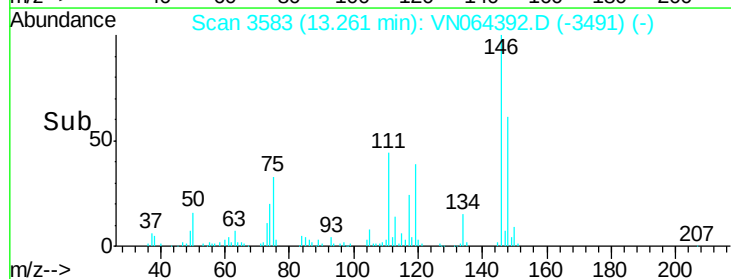
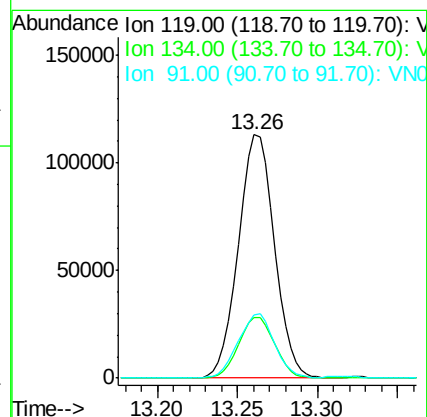
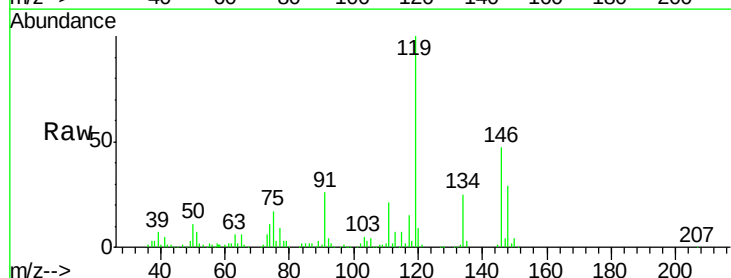
Tgt Ion:119 Resp: 173416

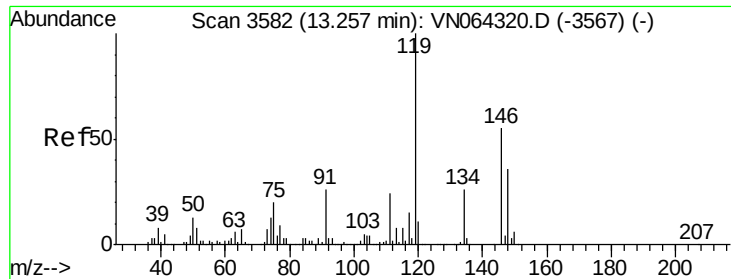
Ion Ratio Lower Upper

119 100

134 25.0 12.8 38.4

91 26.7 13.0 38.9





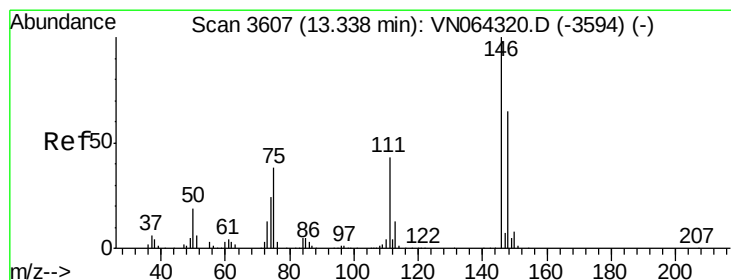
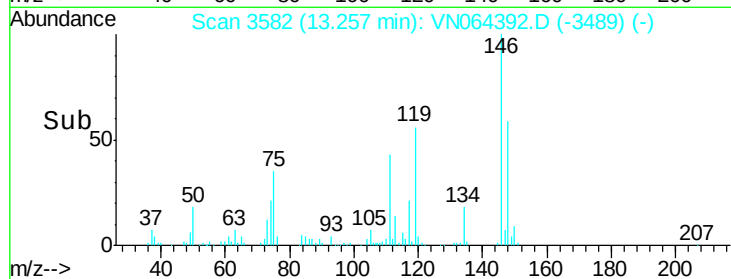
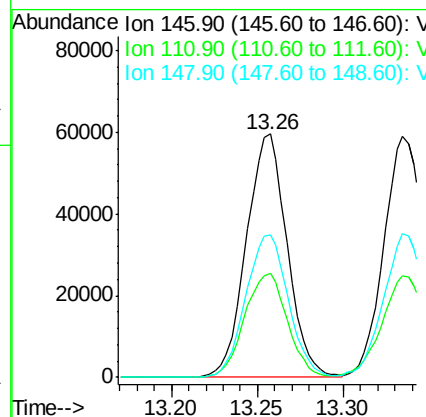
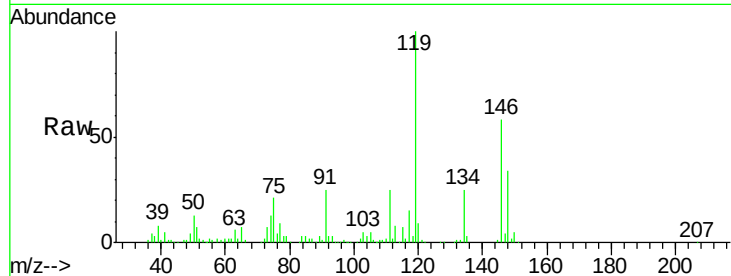
#87
 1,3-Dichlorobenzene
 Concen: 18.007 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064392.D
 Acq: 30 Oct 2020 11:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.7	21.9	65.5
148	61.2	32.6	98.0

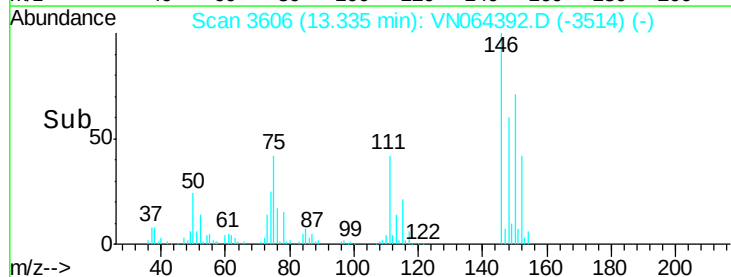
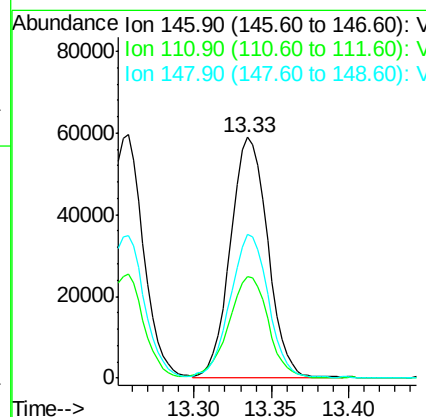
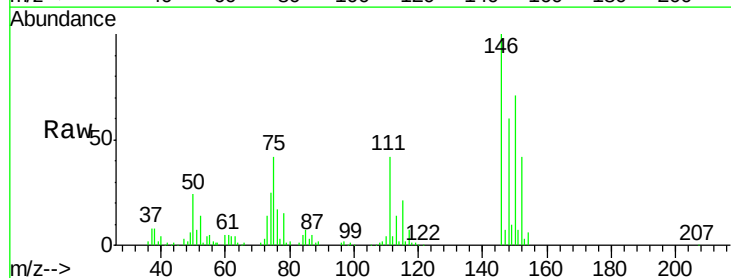
Manual Integrations
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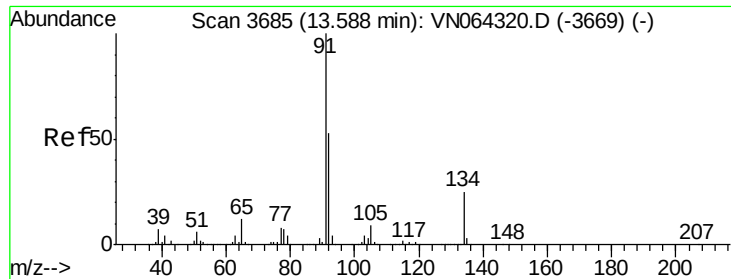
MMDadoda
 11/2/2020 4:11:34 PM



#88
 1,4-Dichlorobenzene
 Concen: 17.672 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN064392.D
 Acq: 30 Oct 2020 11:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.2	21.8	65.4
148	60.7	31.8	95.3





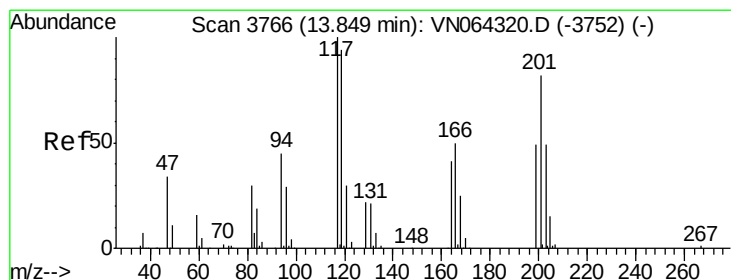
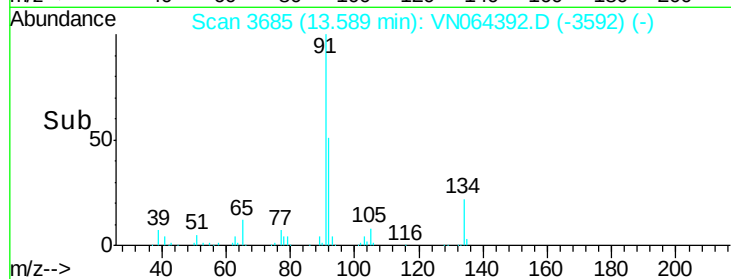
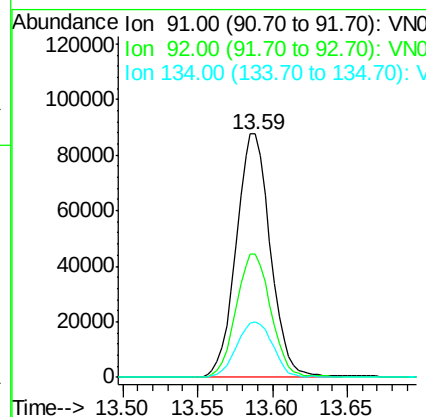
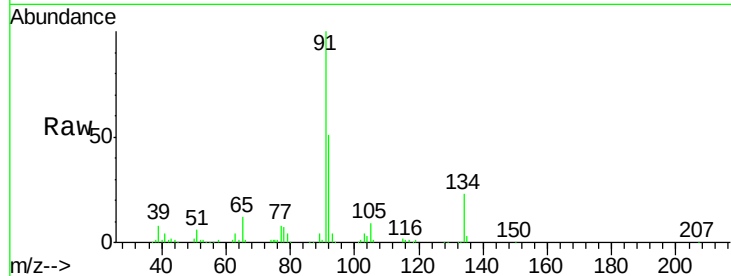
#89
n-Butylbenzene
Concen: 15.403 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	51.1	26.2	78.5	
134	24.1	12.4	37.4	

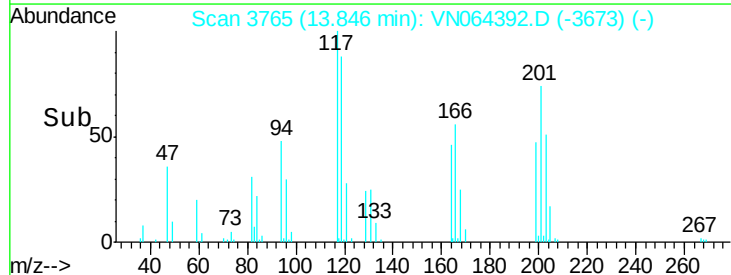
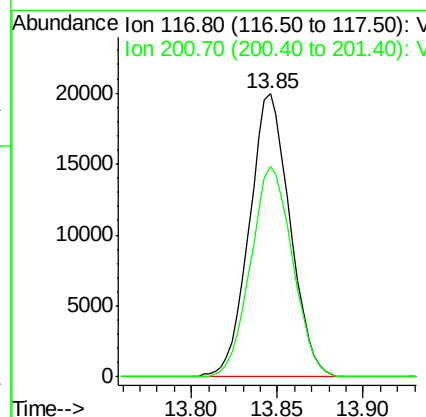
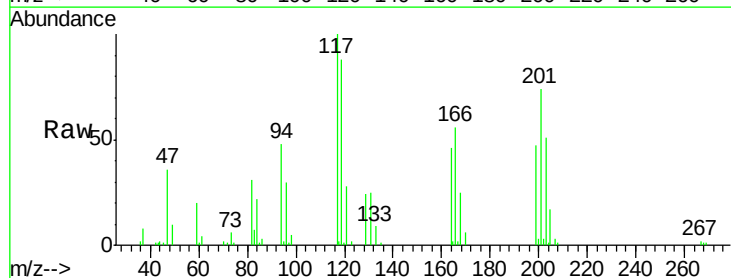
Manual Integrations
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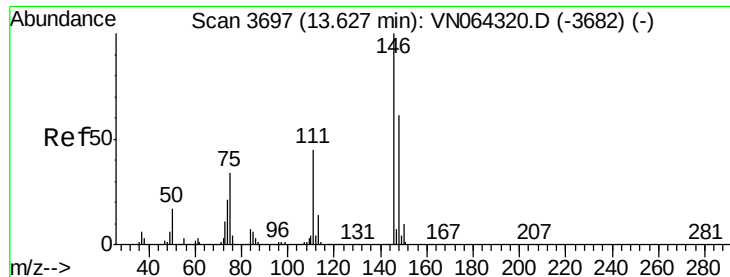
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#90
Hexachloroethane
Concen: 16.937 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	76.5	39.8	119.3	





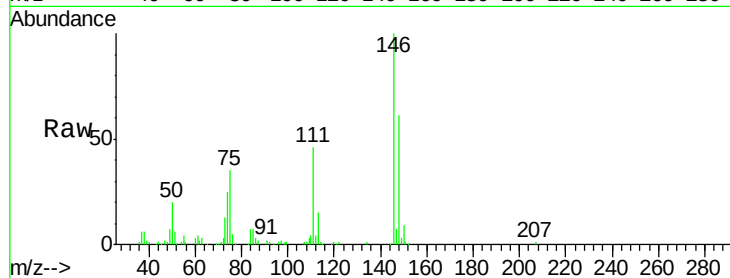
#91
 1,2-Dichlorobenzene
 Concen: 17.685 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064392.D
 Acq: 30 Oct 2020 11:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030WBS01

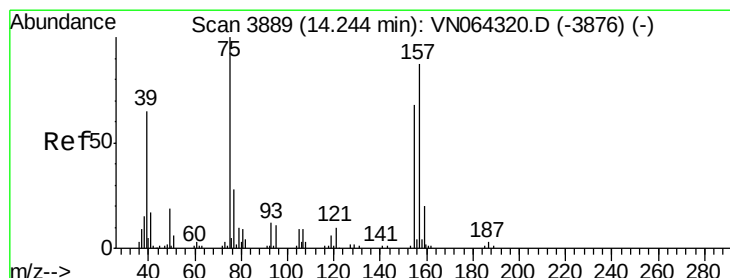
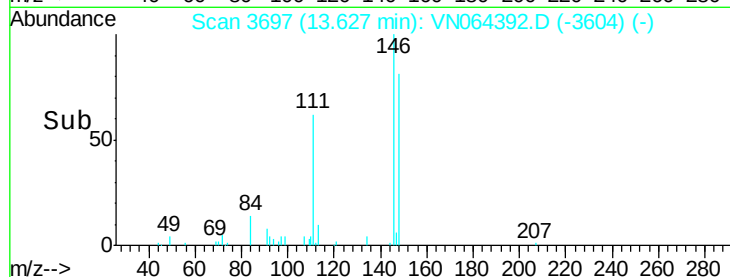
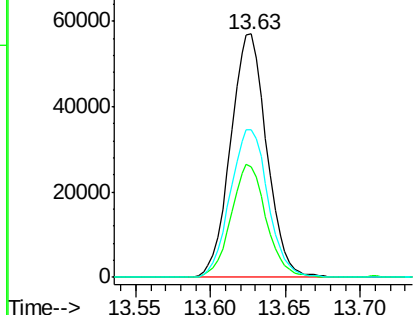
Tot Ion	Ratio	Lower	Upper
146	100		
111	45.3	23.0	69.0
148	63.5	32.1	96.3

Manual Integrations
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 11/2/2020 4:11:34 PM

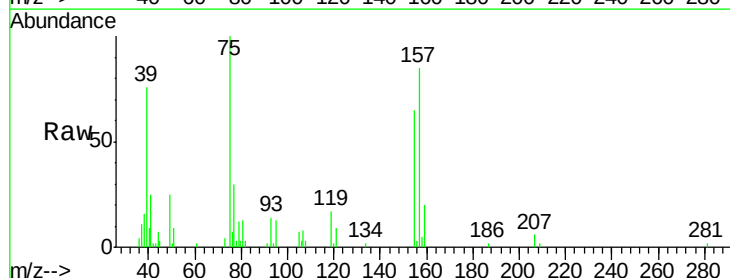


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

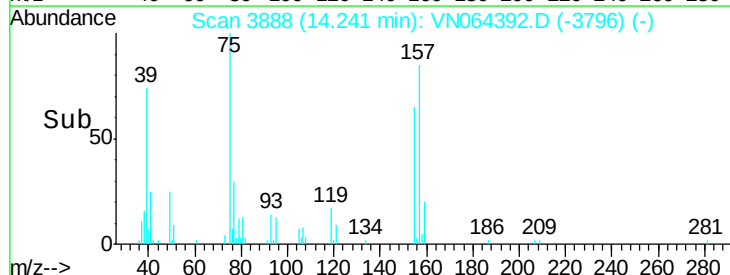
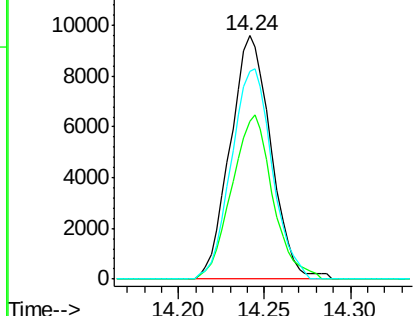


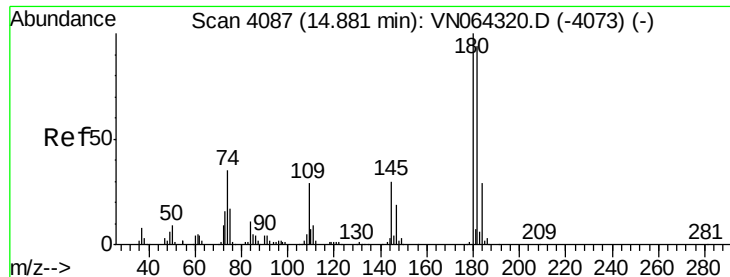
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.215 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064392.D
 Acq: 30 Oct 2020 11:51

Tgt Ion	Ratio	Lower	Upper
75	100		
155	67.7	35.1	105.5
157	86.4	43.2	129.6



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V





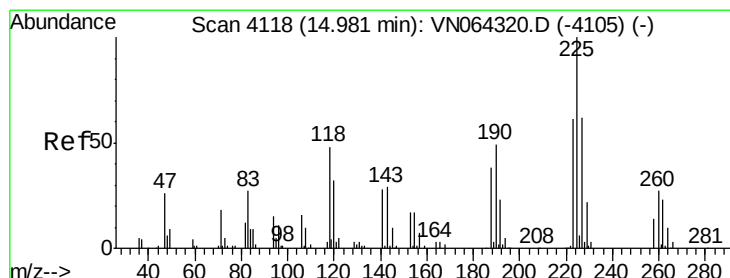
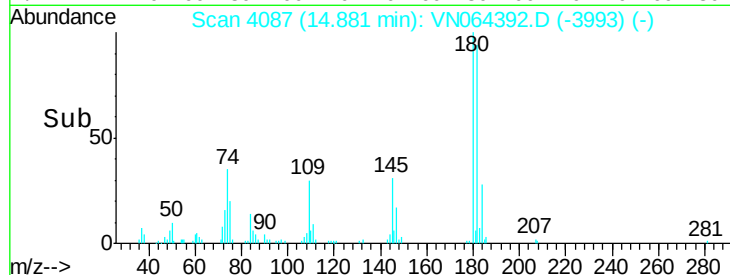
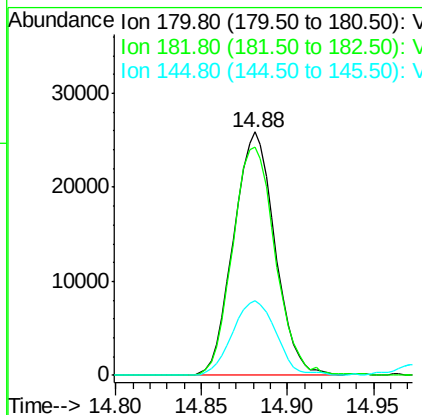
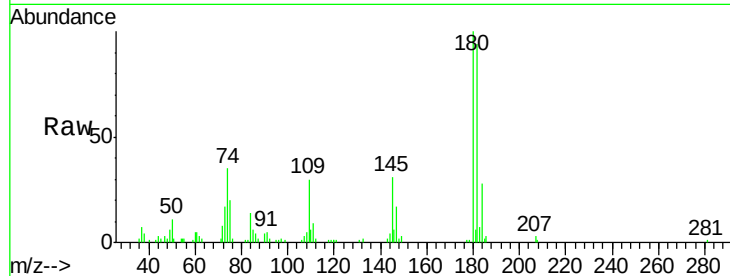
#93
 1,2,4-Trichlorobenzene
 Concen: 15.330 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064392.D
 Acq: 30 Oct 2020 11:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	43203		
182	96.7	46.6	139.7	
145	32.4	15.3	45.9	

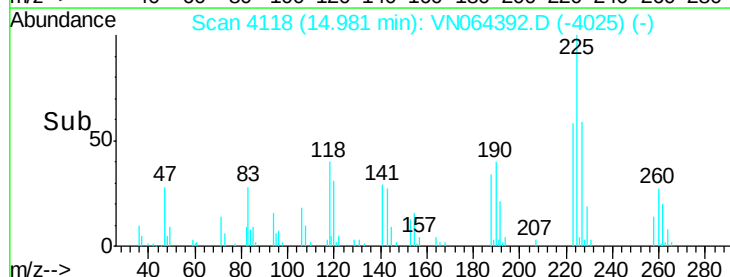
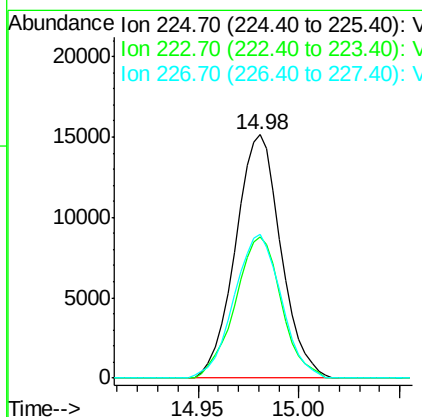
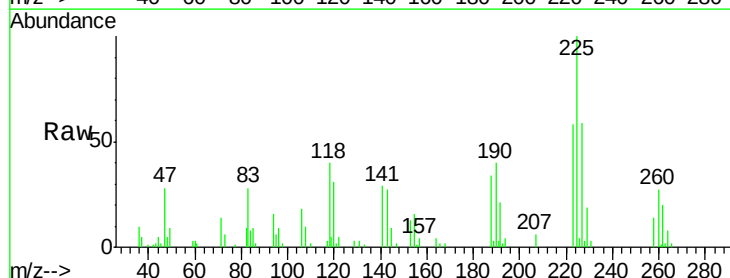
Manual Integrations
 APPROVED

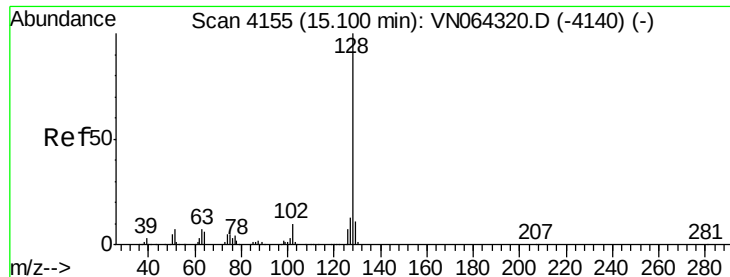
MMDadoda
 11/2/2020 4:11:34 PM



#94
 Hexachlorobutadiene
 Concen: 14.344 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064392.D
 Acq: 30 Oct 2020 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	23853		
223	58.8	31.3	93.8	
227	61.3	32.3	96.9	





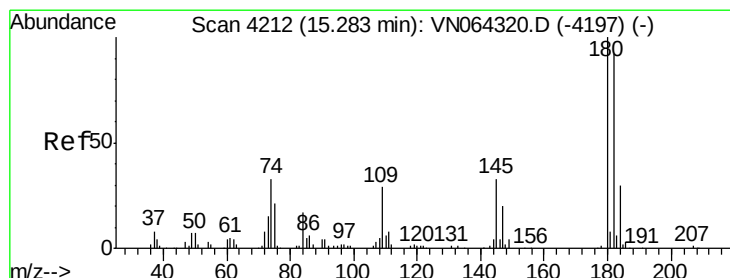
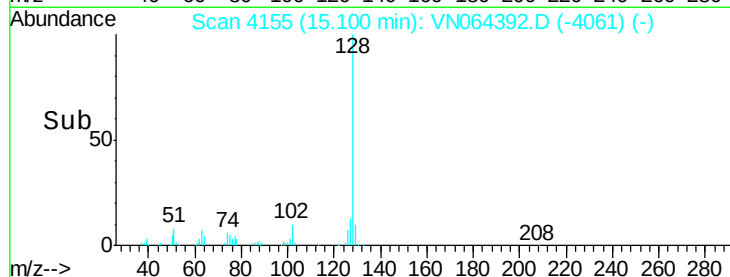
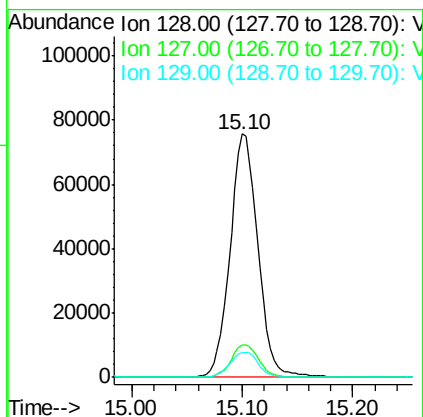
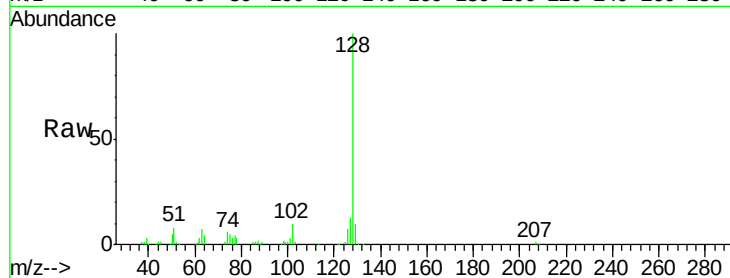
#95
Naphthalene
Concen: 15.513 ug/l
RT: 15.10 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	10.7	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
11/2/2020 4:11:34 PM



#96
1,2,3-Trichlorobenzene
Concen: 15.907 ug/l
RT: 15.28 min Scan# 4211
Delta R.T. -0.00 min
Lab File: VN064392.D
Acq: 30 Oct 2020 11:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	46.1	138.3
145	32.1	16.2	48.5

