

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111720\
 Data File : VN064674.D
 Acq On : 17 Nov 2020 12:31
 Operator : JC/MD
 Sample : VN1117WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/18/2020 5:15:11 PM

Quant Time: Nov 18 02:12:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	279127	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	474361	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	443866	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	200700	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	234895	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
35) Dibromofluoromethane	7.54	113	167884	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	
50) Toluene-d8	10.06	98	605284	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
62) 4-Bromofluorobenzene	12.37	95	217880	46.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.30%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.84	85	59711	16.433	ug/l	98
3) Chloromethane	2.04	50	64195	14.545	ug/l	96
4) Vinyl Chloride	2.17	62	70457	15.546	ug/l	98
5) Bromomethane	2.54	94	51068	17.638	ug/l	94
6) Chloroethane	2.68	64	50386	17.364	ug/l	96
7) Trichlorofluoromethane	2.99	101	131275	19.671	ug/l	98
8) Diethyl Ether	3.37	74	44334	18.812	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.71	101	59021	18.624	ug/l	99
10) Methyl Iodide	3.91	142	57381	15.582	ug/l	98
11) Tert butyl alcohol	4.74	59	44432	82.869	ug/l #	89
12) 1,1-Dichloroethene	3.69	96	52607	17.623	ug/l	97
13) Acrolein	3.56	56	19532	58.728	ug/l	87
14) Allyl chloride	4.28	41	93642	16.036	ug/l	99
15) Acrylonitrile	4.93	53	125724	84.222	ug/l	97
16) Acetone	3.78	43	156404	84.451	ug/l	98
17) Carbon Disulfide	4.01	76	144138	16.146	ug/l	99
18) Methyl Acetate	4.28	43	66116	18.159	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	178143	16.581	ug/l	98
20) Methylene Chloride	4.50	84	63205	17.201	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	58310	17.203	ug/l	95
22) Diisopropyl ether	5.90	45	199464	16.091	ug/l	94
23) Vinyl Acetate	5.85	43	789268	78.268	ug/l	98
24) 1,1-Dichloroethane	5.80	63	119240	17.505	ug/l	98
25) 2-Butanone	6.79	43	186096	78.864	ug/l	99
26) 2,2-Dichloropropane	6.78	77	109736	17.796	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	67563	17.202	ug/l	96
28) Bromochloromethane	7.14	49	55340	16.528	ug/l	97
29) Tetrahydrofuran	7.17	42	111993	77.357	ug/l	96
30) Chloroform	7.33	83	128290	17.917	ug/l	99
31) Cyclohexane	7.61	56	93244	15.777	ug/l	92
32) 1,1,1-Trichloroethane	7.53	97	114297	17.998	ug/l	100
36) 1,1-Dichloropropene	7.75	75	88287	17.618	ug/l	98
37) Ethyl Acetate	6.88	43	76800	15.632	ug/l	97
38) Carbon Tetrachloride	7.73	117	102057	19.055	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	77325	17.213	ug/l	98
40) Benzene	8.00	78	256802	17.439	ug/l	96
41) Methacrylonitrile	7.14	41	42901m	19.310	ug/l	
42) 1,2-Dichloroethane	8.08	62	110669	18.623	ug/l	98
43) Isopropyl Acetate	8.13	43	132489	16.314	ug/l	99
44) Trichloroethene	8.80	130	66766	17.971	ug/l	97
45) 1,2-Dichloropropane	9.08	63	71005	18.071	ug/l	99
46) Dibromomethane	9.17	93	48355	18.695	ug/l	99
47) Bromodichloromethane	9.37	83	104586	18.805	ug/l	97
48) Methyl methacrylate	9.16	41	65868	16.073	ug/l	98
49) 1,4-Dioxane	9.16	88	17535	324.865	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	400035	84.466	ug/l	100
52) Toluene	10.12	92	160870	17.911	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	105677	17.923	ug/l	97
54) cis-1,3-Dichloropropene	9.80	75	109603	17.386	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	65130	18.594	ug/l	96
56) Ethyl methacrylate	10.40	69	81339	15.435	ug/l	96
57) 1,3-Dichloropropane	10.68	76	108130	17.686	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	213566	93.208	ug/l	96
59) 2-Hexanone	10.72	43	282466	75.990	ug/l	100
60) Dibromochloromethane	10.87	129	75460	19.242	ug/l	97
61) 1,2-Dibromoethane	10.97	107	65389	18.405	ug/l	100
64) Tetrachloroethene	10.60	164	63880	18.683	ug/l	96
65) Chlorobenzene	11.40	112	173127	17.792	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	68762	18.942	ug/l	97
67) Ethyl Benzene	11.48	91	300335	17.352	ug/l	99
68) m/p-Xylenes	11.59	106	221682	35.317	ug/l	99
69) o-Xylene	11.92	106	103859	17.123	ug/l	99
70) Styrene	11.94	104	176157	17.259	ug/l	99
71) Bromoform	12.10	173	45807	17.652	ug/l #	97
73) Isopropylbenzene	12.22	105	282072	17.682	ug/l	98
74) N-amyl acetate	12.04	43	108112	14.849	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	87613	17.881	ug/l	100
76) 1,2,3-Trichloropropane	12.52	75	87342m	17.961	ug/l	
77) Bromobenzene	12.50	156	69126	17.749	ug/l	97
78) n-propylbenzene	12.56	91	324711	17.854	ug/l	99
79) 2-Chlorotoluene	12.65	91	201063	17.431	ug/l	99
80) 1,3,5-Trimethylbenzene	12.70	105	240218	18.253	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	28054	16.108	ug/l	96
82) 4-Chlorotoluene	12.75	91	213644	17.686	ug/l	99
83) tert-Butylbenzene	12.96	119	186643	18.159	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	244915	18.513	ug/l	98
85) sec-Butylbenzene	13.14	105	249544	19.170	ug/l	99
86) p-Isopropyltoluene	13.26	119	221752	18.939	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	120604	17.914	ug/l	97
88) 1,4-Dichlorobenzene	13.33	146	117322	16.863	ug/l	98
89) n-Butylbenzene	13.59	91	191188	18.991	ug/l	97
90) Hexachloroethane	13.85	117	45717	20.241	ug/l	97
91) 1,2-Dichlorobenzene	13.62	146	120298	18.576	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.24	75	17705	18.149	ug/l	97

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	46883	16.446	ug/l	99
94) Hexachlorobutadiene	14.98	225	30951	23.474	ug/l	96
95) Naphthalene	15.10	128	129134	14.504	ug/l	98
96) 1,2,3-Trichlorobenzene	15.28	180	47853	17.281	ug/l	97

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

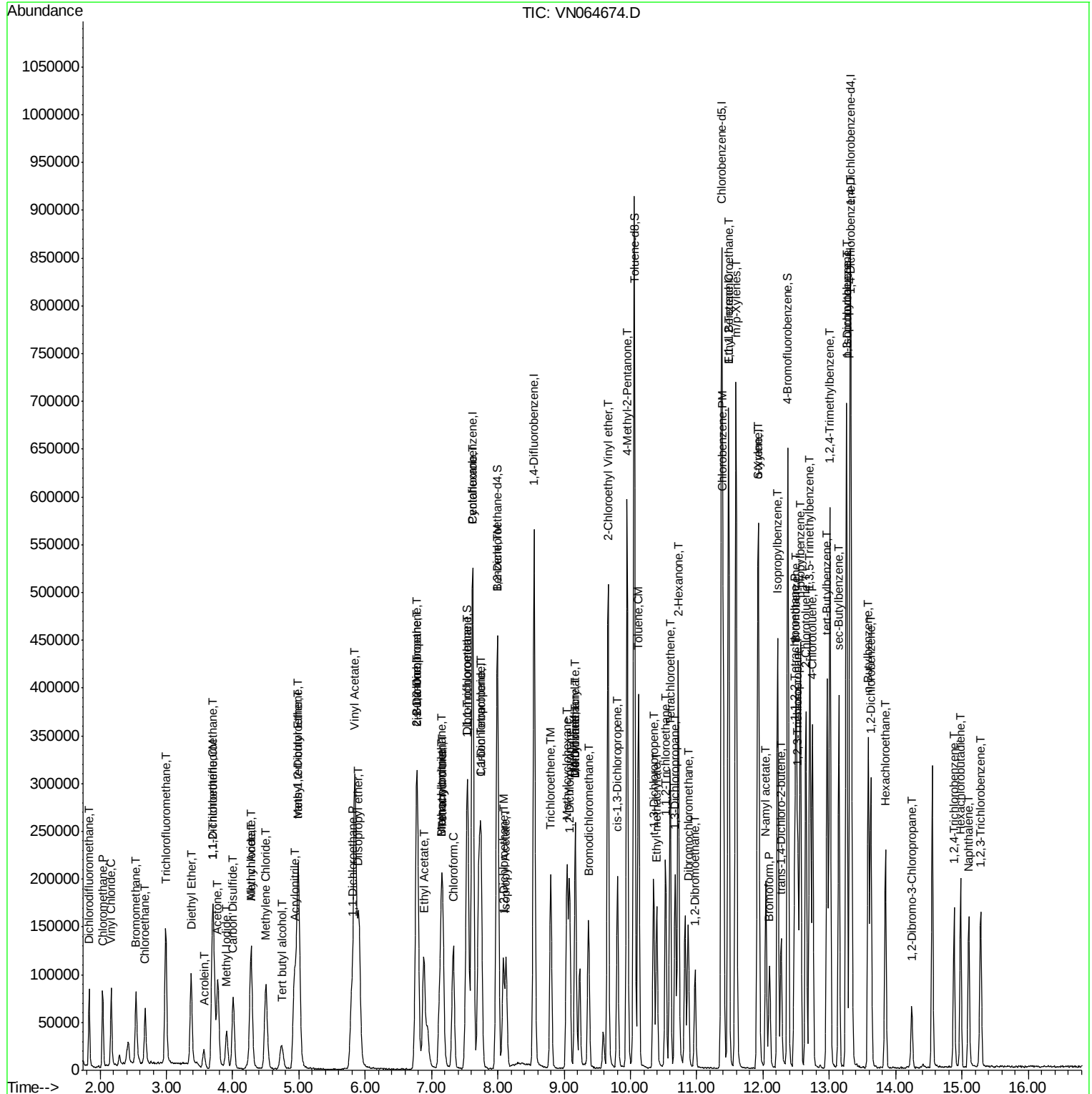
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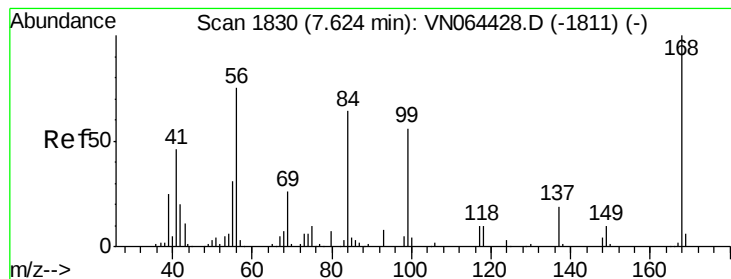
Instrument :
MSVOA_N
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.00 min

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Instrument :

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ClientSampleId :

VN1117WBS01

Tot Ion:168 Resp: 279127

Ion Ratio Lower Upper

168 100

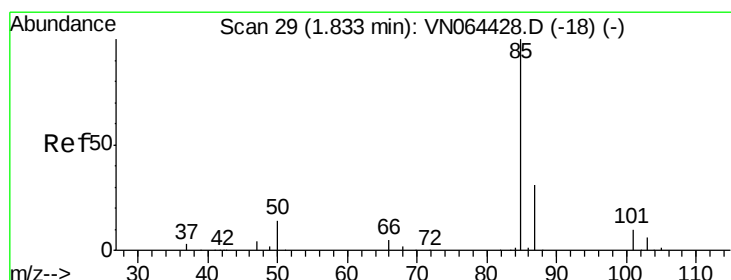
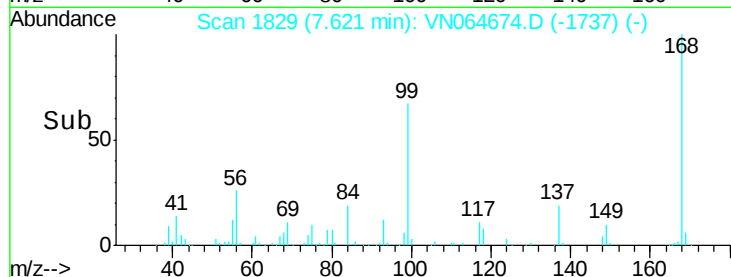
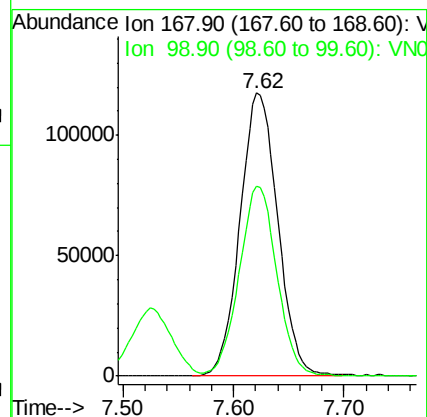
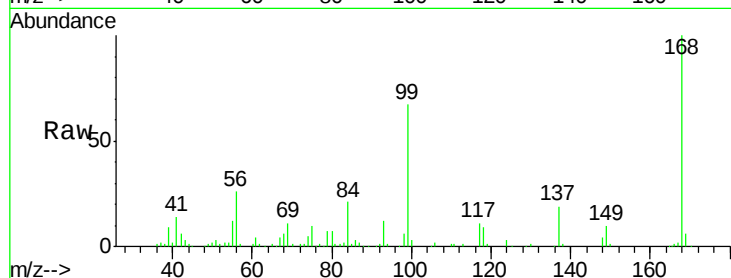
99 66.6 53.4 80.2

Manual Integrations

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11/18/2020 5:15:11 PM



#2

Dichlorodifluoromethane

Concen: 16.433 ug/l

RT: 1.84 min Scan# 30

Delta R.T. 0.00 min

Lab File: VN064674.D

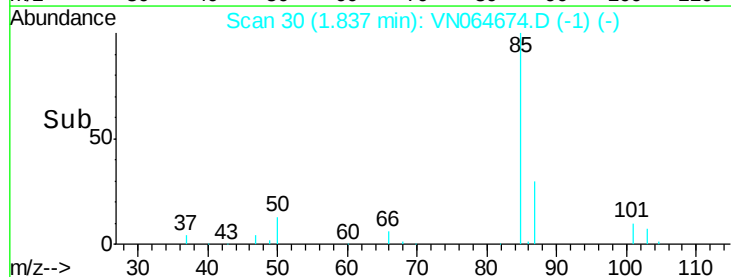
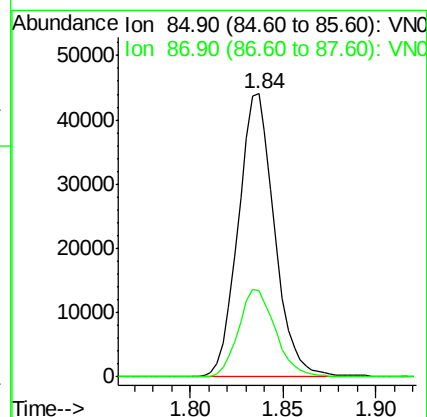
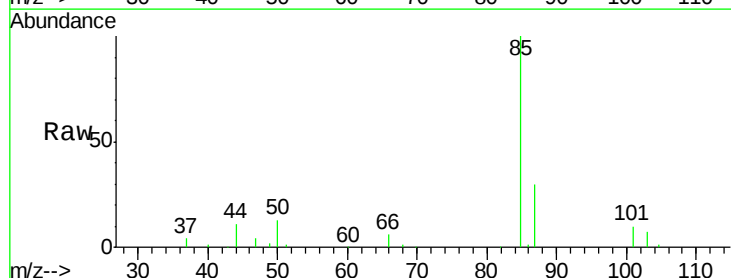
Acq: 17 Nov 2020 12:31

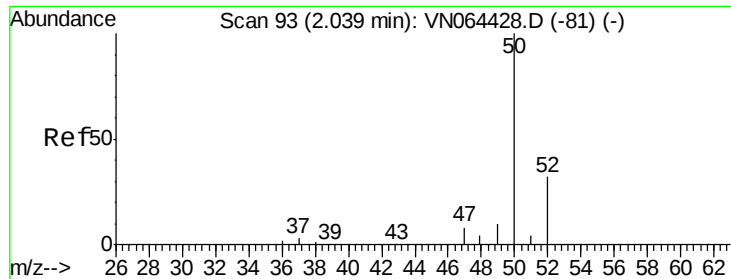
Tgt Ion: 85 Resp: 59711

Ion Ratio Lower Upper

85 100

87 30.3 15.7 47.1





#3

Chloromethane

Concen: 14.545 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBS01

Tot Ion: 50 Resp: 64195

Ion Ratio Lower Upper

50 100

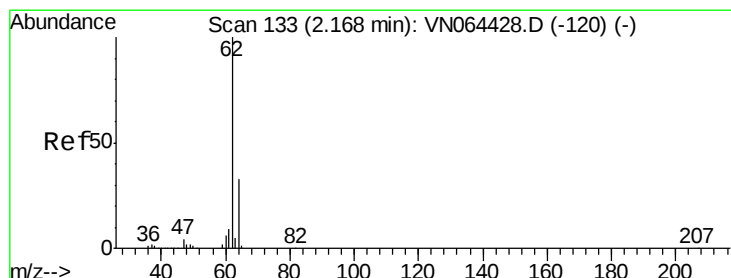
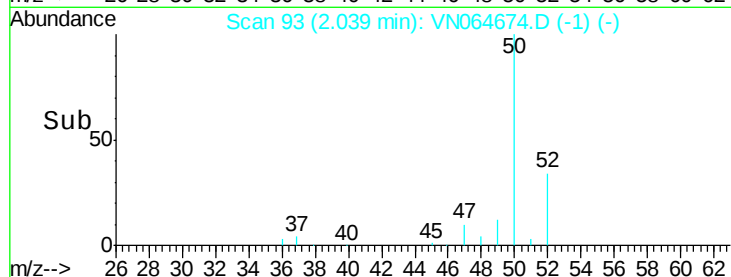
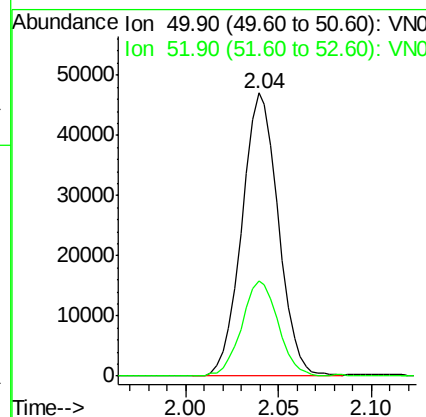
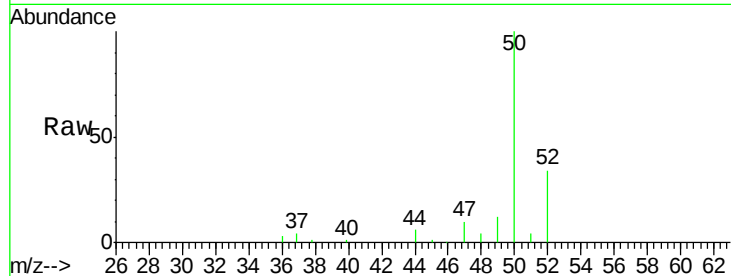
52 33.8 25.3 37.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 15.546 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN064674.D

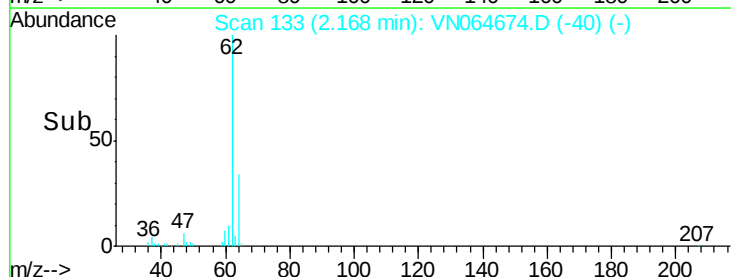
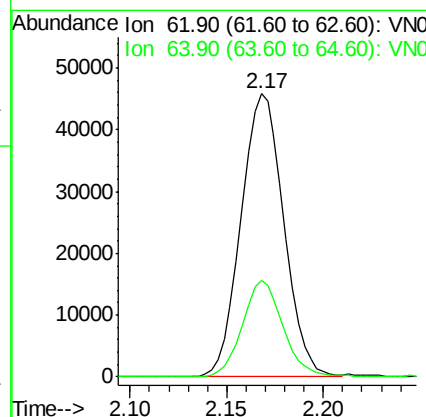
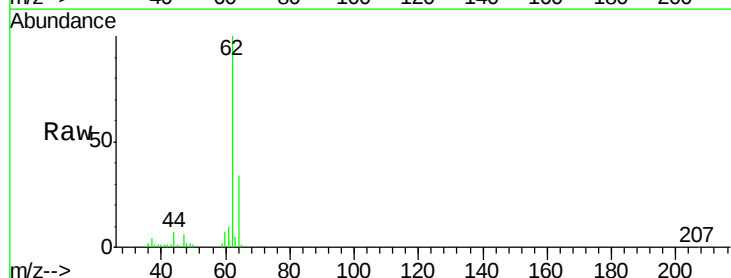
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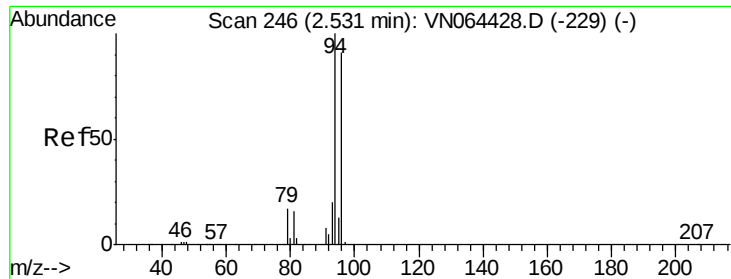
Tgt Ion: 62 Resp: 70457

Ion Ratio Lower Upper

62 100

64 34.1 26.3 39.5





#5

Bromomethane

Concen: 17.638 ug/l

RT: 2.54 min Scan# 249

Delta R.T. 0.01 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 51068

Ion Ratio Lower Upper

94 100

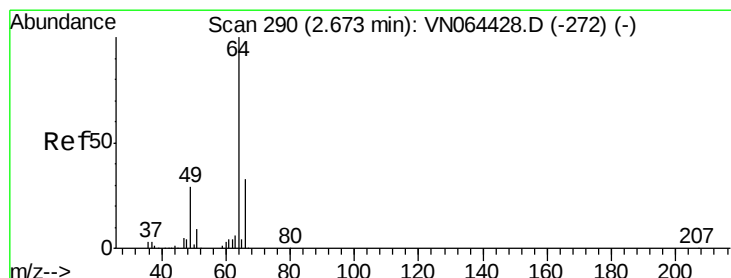
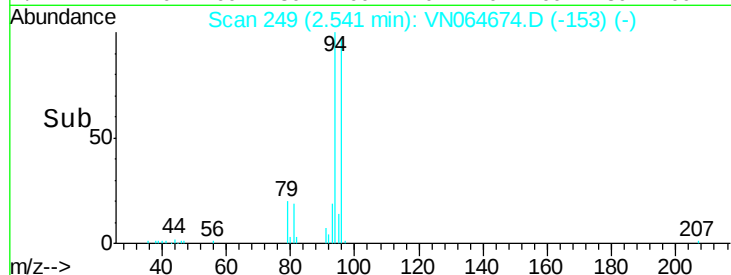
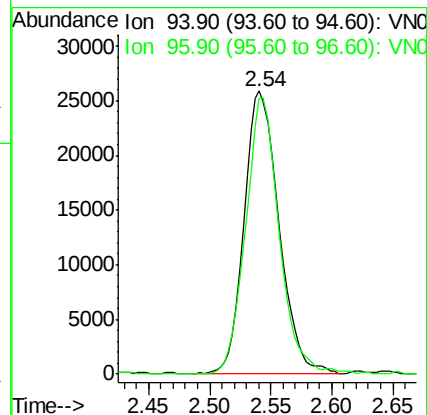
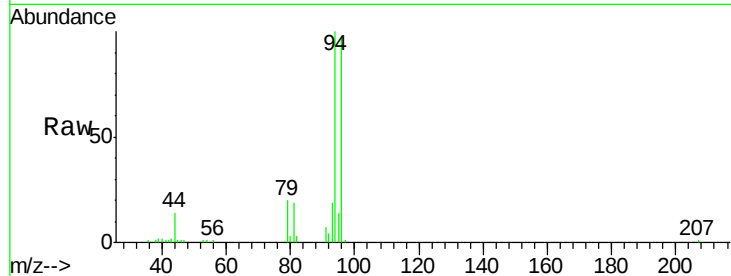
96 97.5 73.1 109.7

Manual Integrations

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#6

Chloroethane

Concen: 17.364 ug/l

RT: 2.68 min Scan# 293

Delta R.T. 0.01 min

Lab File: VN064674.D

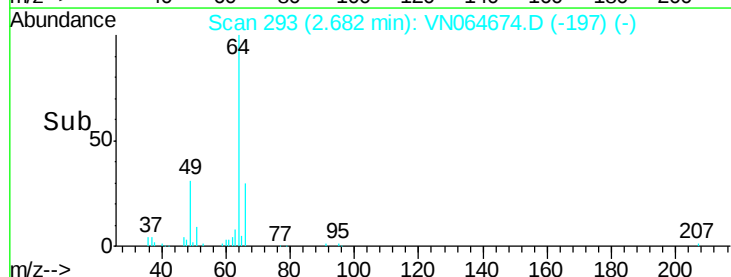
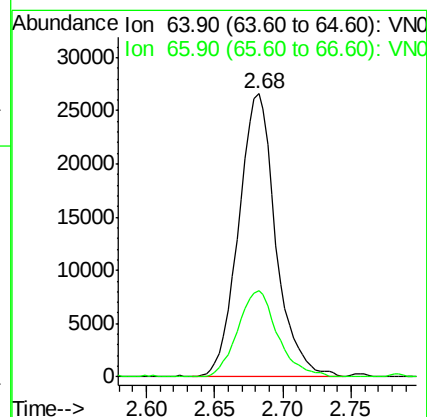
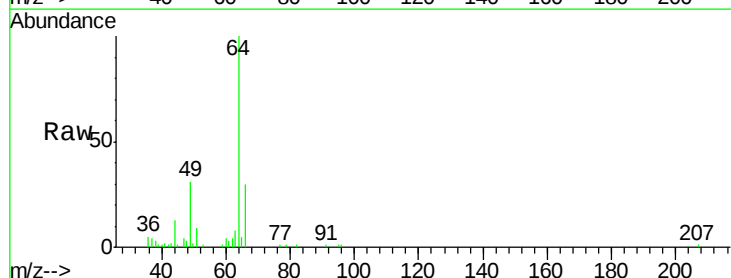
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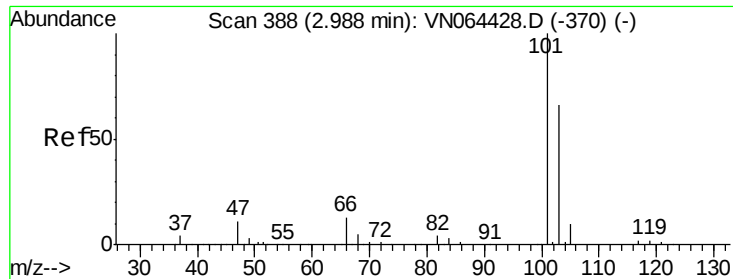
Tgt Ion: 64 Resp: 50386

Ion Ratio Lower Upper

64 100

66 30.3 26.1 39.1





#7

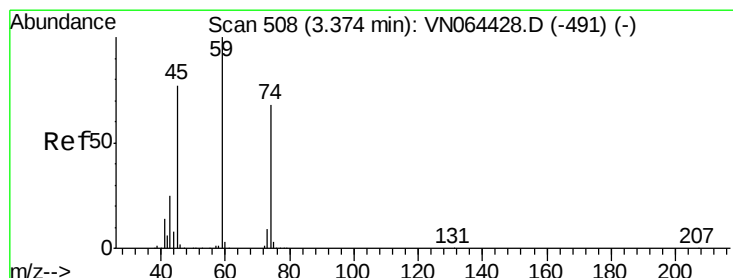
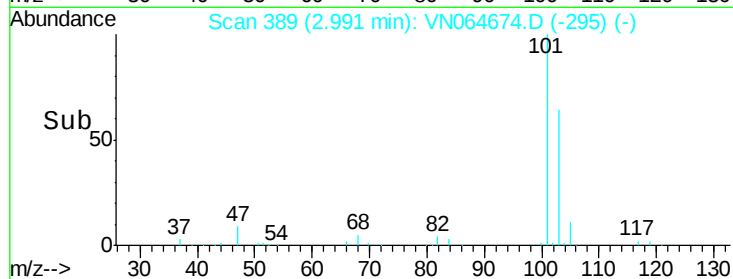
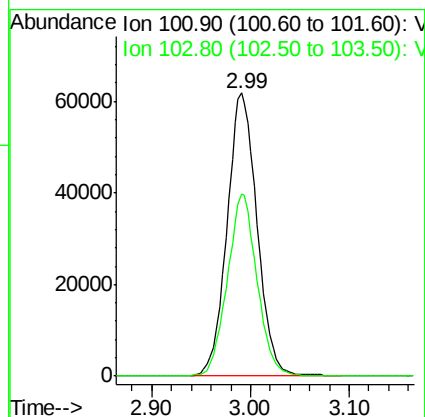
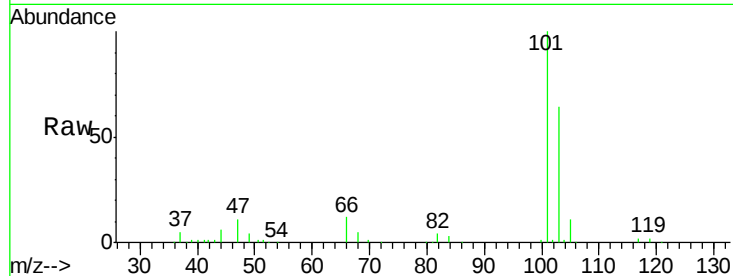
Trichlorofluoromethane
Concen: 19.671 ug/l
RT: 2.99 min Scan# 389
Delta R.T. 0.00 min
Lab File: VN064674.D
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Instrument :
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Tot Ion:101 Resp: 131275
Ion Ratio Lower Upper
101 100
103 64.2 52.4 78.6

Manual Integrations
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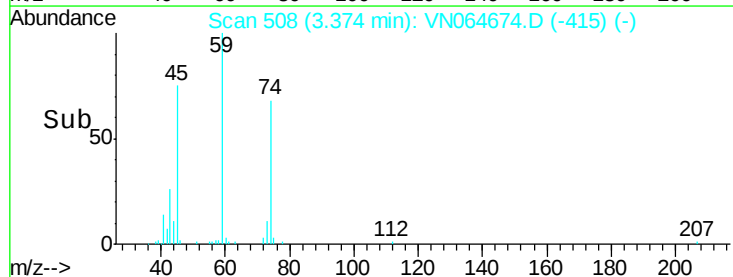
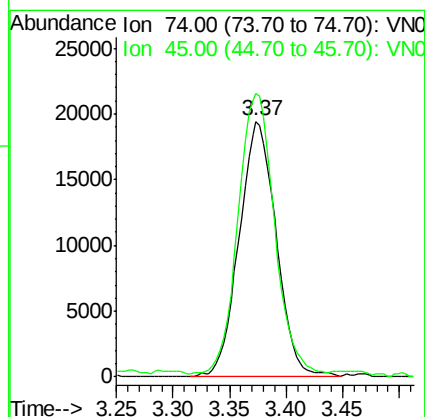
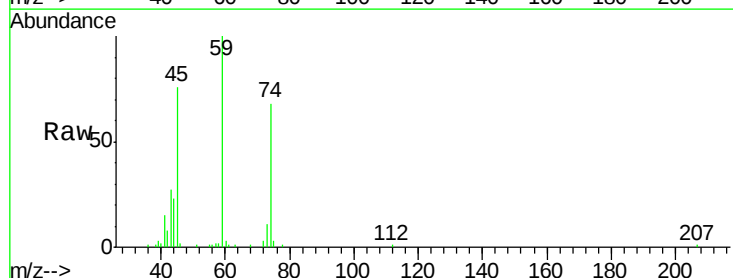
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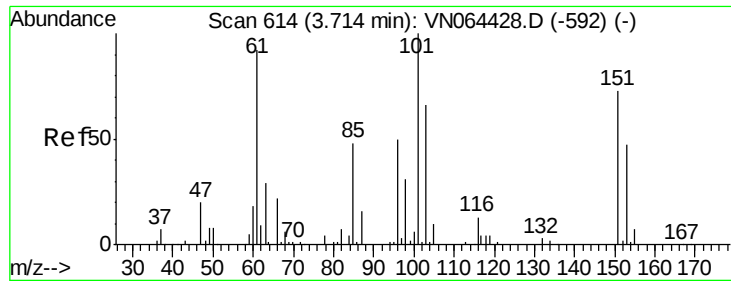


#8

Diethyl Ether
Concen: 18.812 ug/l
RT: 3.37 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN064674.D
Acq: 17 Nov 2020 12:31

Tgt Ion: 74 Resp: 44334
Ion Ratio Lower Upper
74 100
45 107.5 55.9 167.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.624 ug/l

RT: 3.71 min Scan# 613

Delta R.T. -0.00 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

Instrument :

MSVOA_N

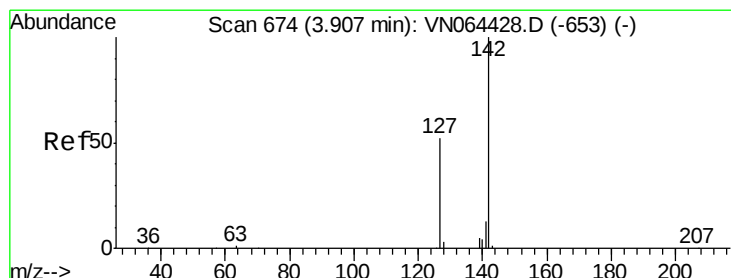
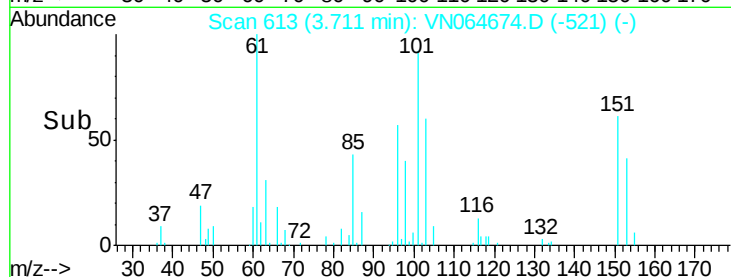
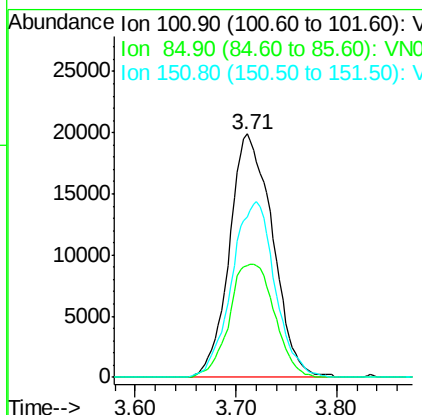
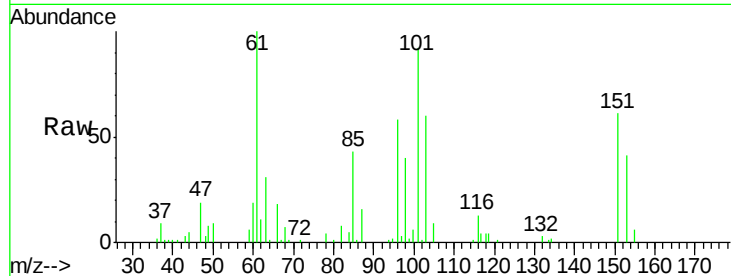
ClientSampleId :

VN1117WBS01

Tot Ion:	101	Resp:	59021
Ion Ratio	Lower	Upper	
101	100		
85	48.7	38.6	57.8
151	72.5	57.5	86.3

Manual Integrations
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#10

Methyl Iodide

Concen: 15.582 ug/l

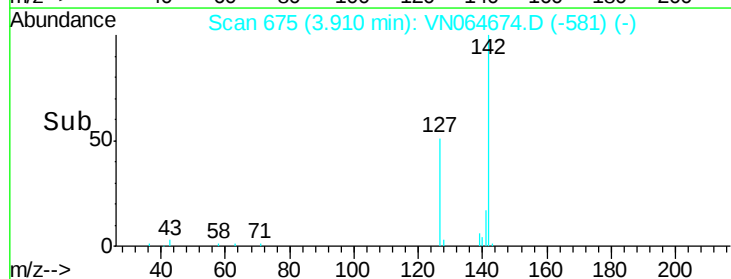
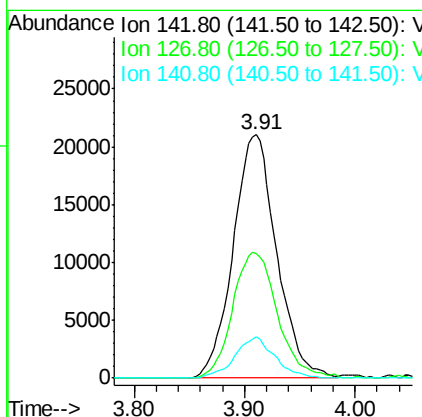
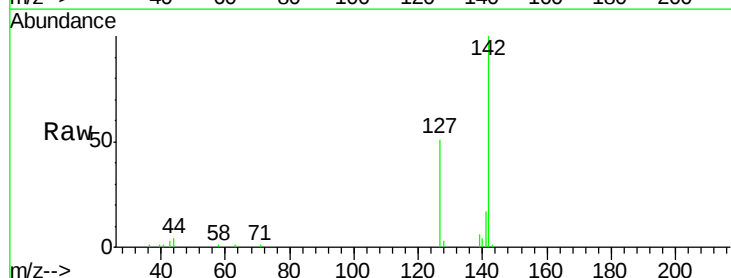
RT: 3.91 min Scan# 675

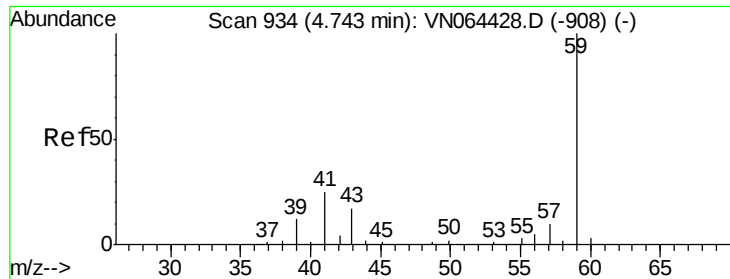
Delta R.T. 0.00 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

Tgt Ion:	142	Resp:	57381
Ion Ratio	Lower	Upper	
142	100		
127	53.2	41.8	62.8
141	15.6	11.4	17.2





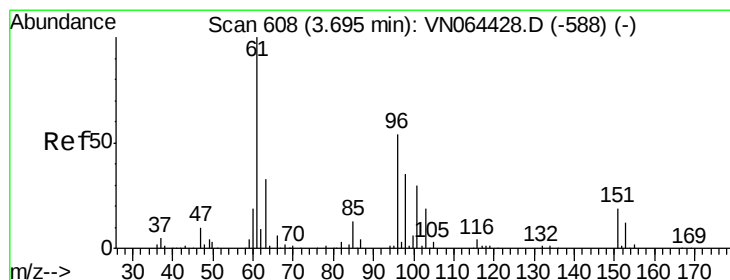
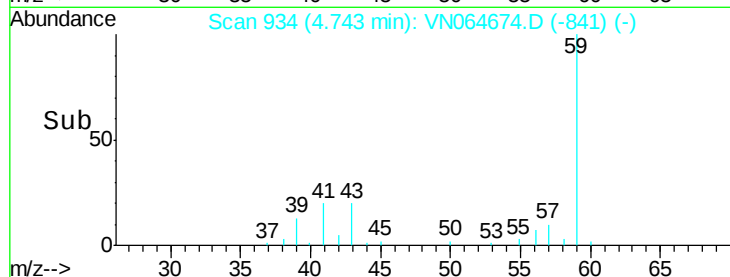
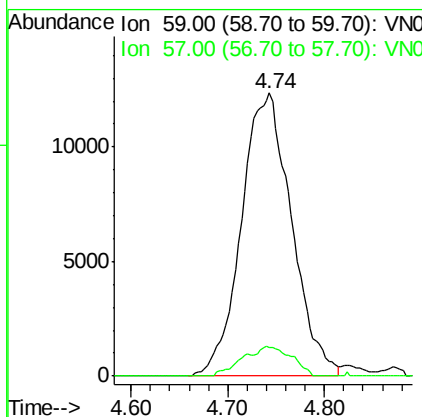
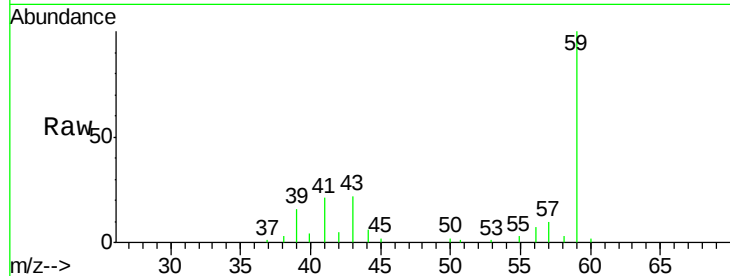
#11
Tert butyl alcohol
Concen: 82.869 ug/l
RT: 4.74 min Scan# 934
Delta R.T. 0.00 min
Lab File: VN064674.D
Acq: 17 Nov 2020 12:31

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	7.0	9.0	13.4#

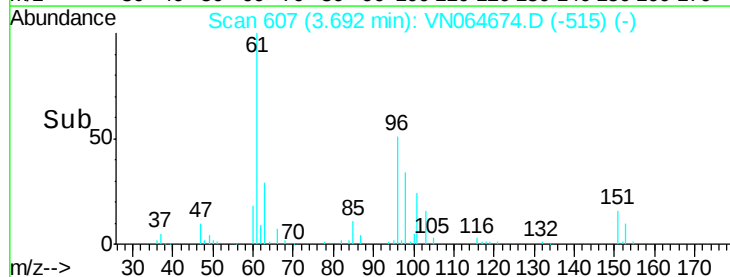
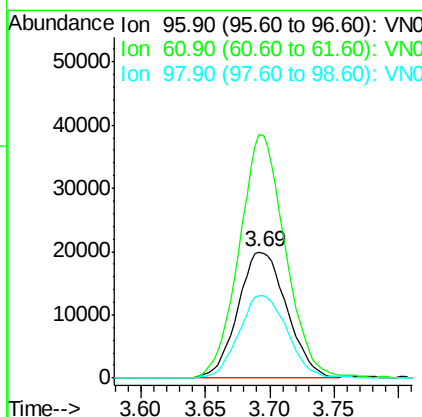
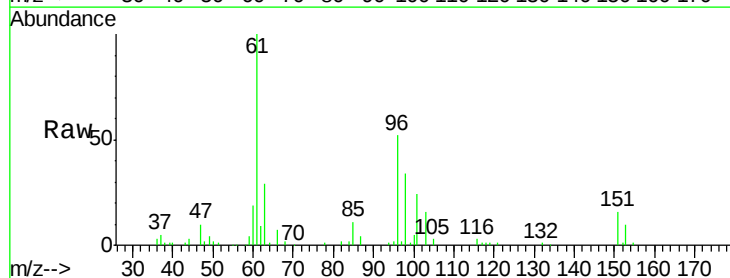
Manual Integrations
APPROVED

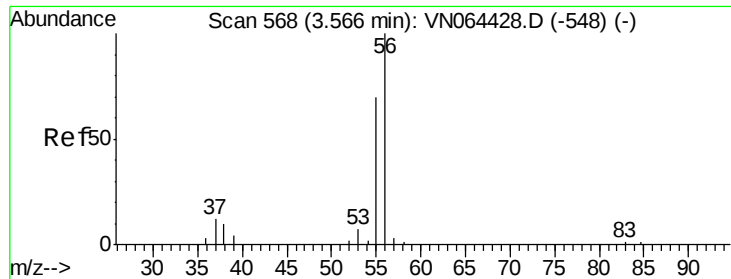
MMDadoda
11/18/2020 5:15:11 PM



#12
1,1-Dichloroethene
Concen: 17.623 ug/l
RT: 3.69 min Scan# 607
Delta R.T. -0.00 min
Lab File: VN064674.D
Acq: 17 Nov 2020 12:31

Tgt Ion	Ratio	Lower	Upper
96	100		
61	192.9	149.5	224.3
98	65.5	52.4	78.6





#13

Acrolein

Concen: 58.728 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBS01

Tot Ion: 56 Resp: 19532

Ion Ratio Lower Upper

56 100

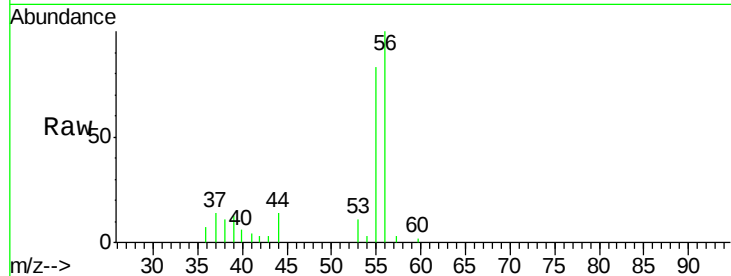
55 80.2 55.9 83.9

Manual Integrations

APPROVED

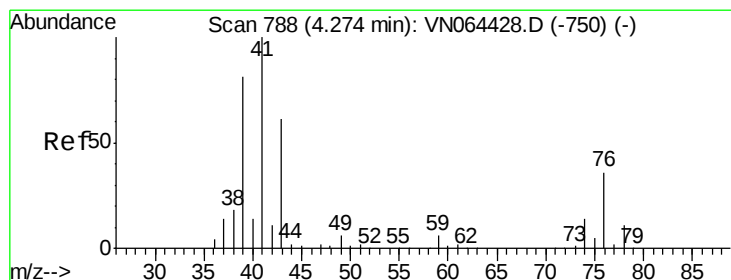
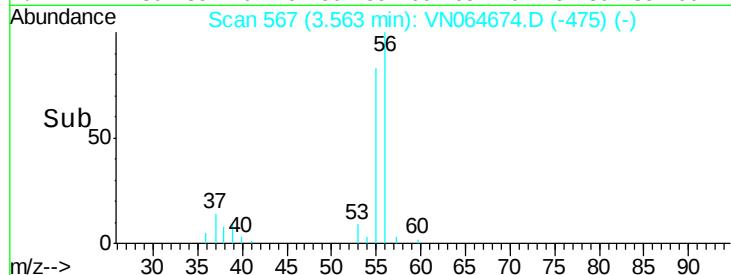
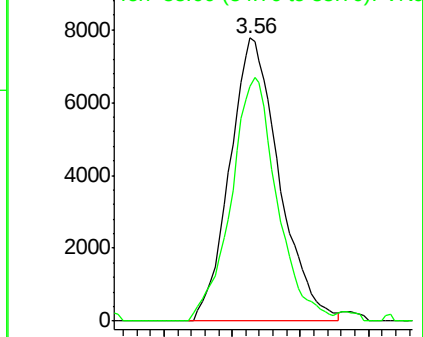
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 55.00 (54.70 to 55.70): VNO



#14

Allyl chloride

Concen: 16.036 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

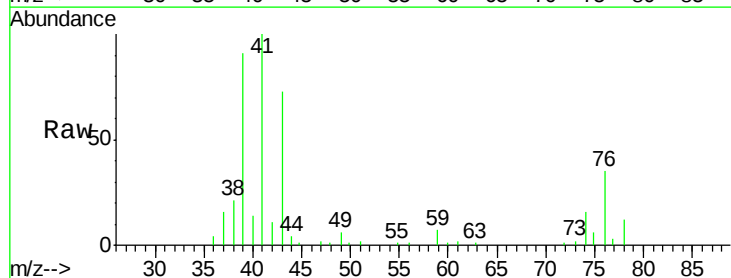
Tgt Ion: 41 Resp: 93642

Ion Ratio Lower Upper

41 100

39 78.5 61.8 92.8

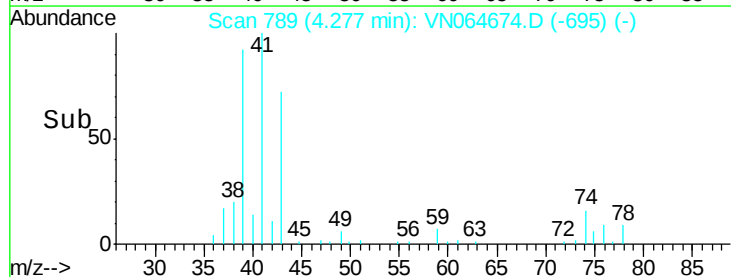
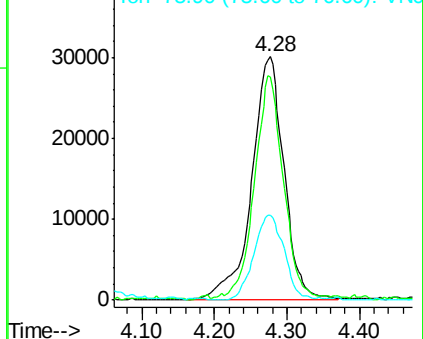
76 32.5 25.4 38.0

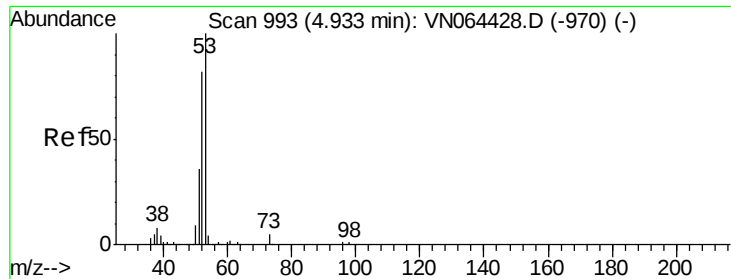


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 75.90 (75.60 to 76.60): VNO





#15

Acrylonitrile

Concen: 84.222 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

Instrument :

MSVOA_N

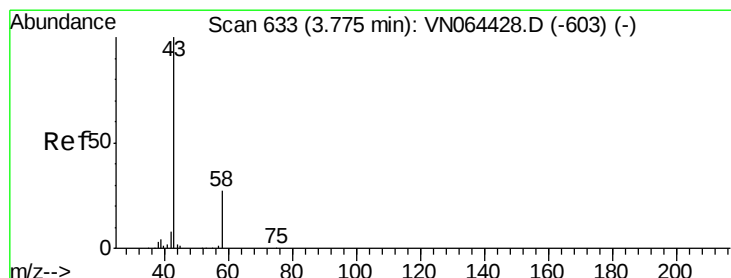
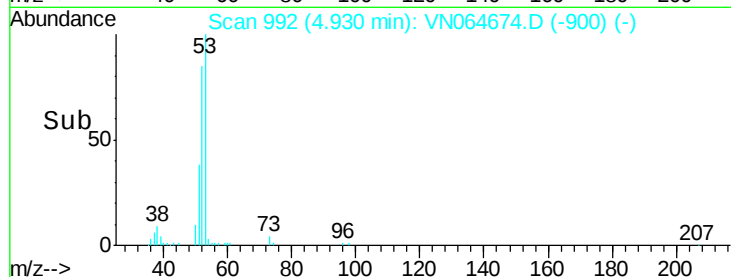
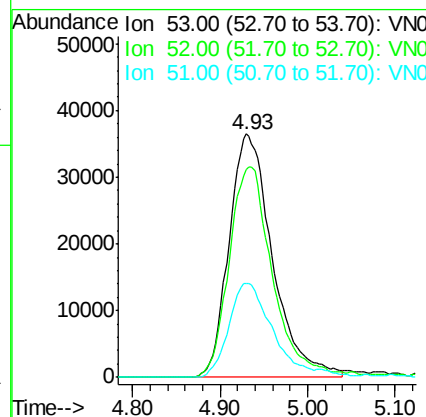
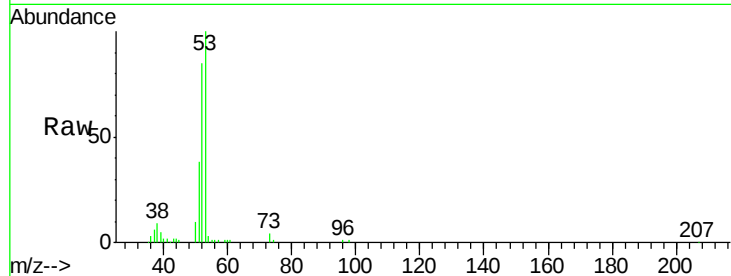
ClientSampleId :

VN1117WBS01

Tot Ion:	53	Resp:	125724
Ion Ratio		Lower	Upper
53	100		
52	86.0	65.6	98.4
51	38.1	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 84.451 ug/l

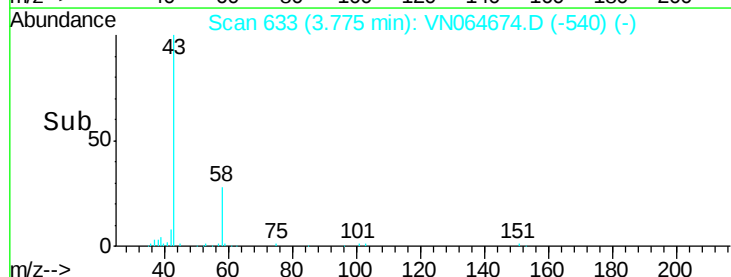
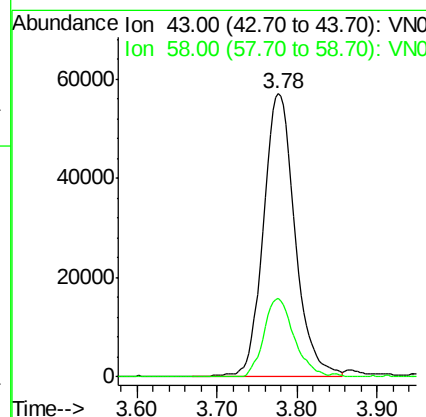
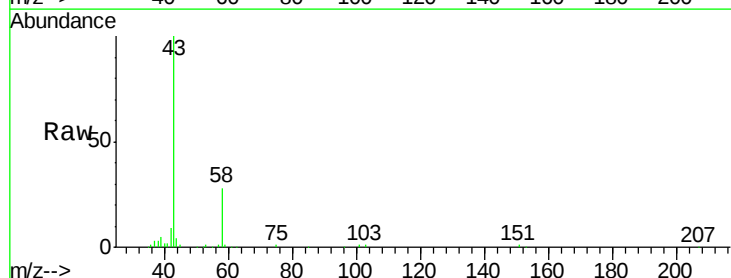
RT: 3.78 min Scan# 633

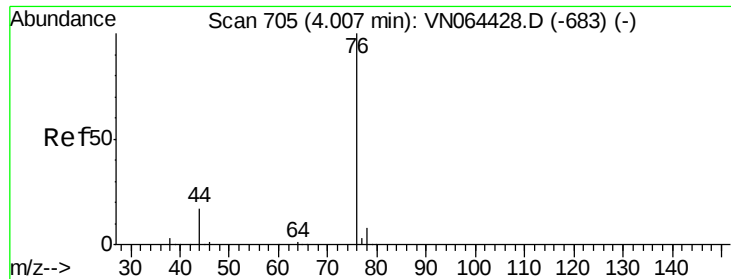
Delta R.T. 0.00 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

Tgt Ion:	43	Resp:	156404
Ion Ratio		Lower	Upper
43	100		
58	27.8	21.4	32.0





#17

Carbon Disulfide

Concen: 16.146 ug/l

RT: 4.01 min Scan# 705

Delta R.T. 0.00 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBS01

Tot Ion: 76 Resp: 144138

Ion Ratio Lower Upper

76 100

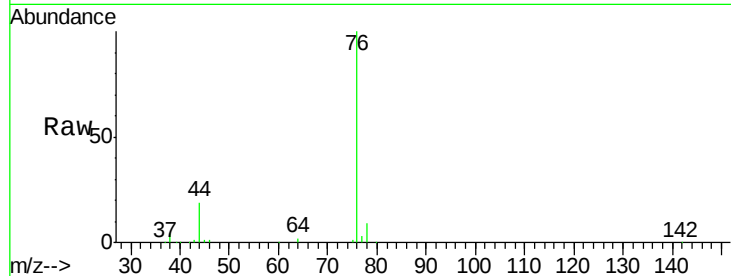
78 8.8 6.8 10.2

Manual Integrations

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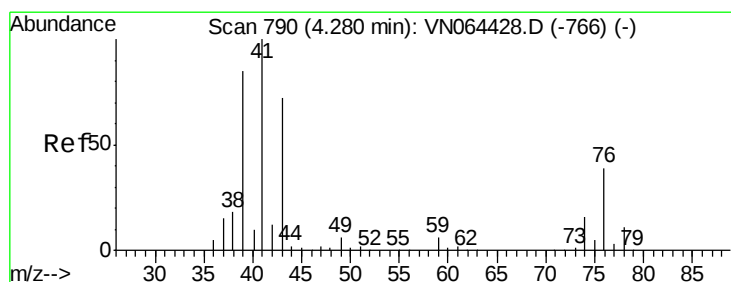
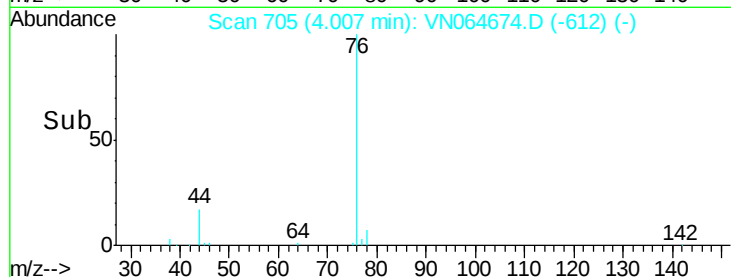
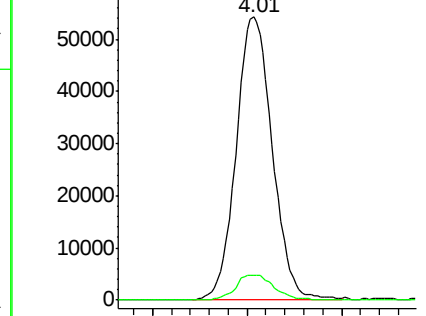
MMDadoda

11/18/2020 5:15:11 PM



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 18.159 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN064674.D

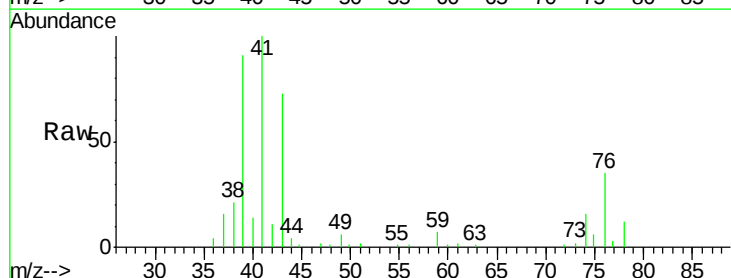
Acq: 17 Nov 2020 12:31

Tgt Ion: 43 Resp: 66116

Ion Ratio Lower Upper

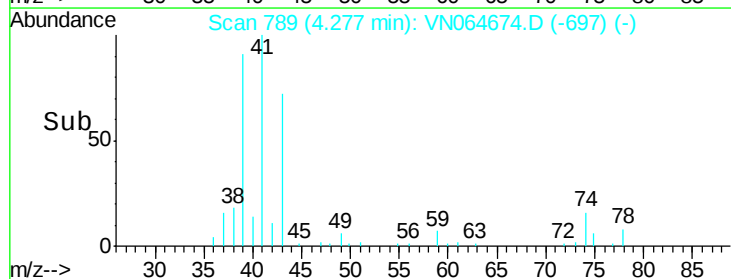
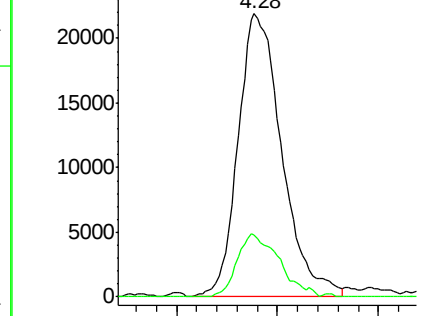
43 100

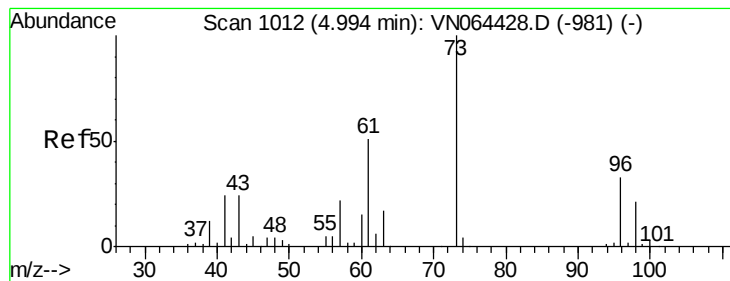
74 21.3 17.0 25.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#19

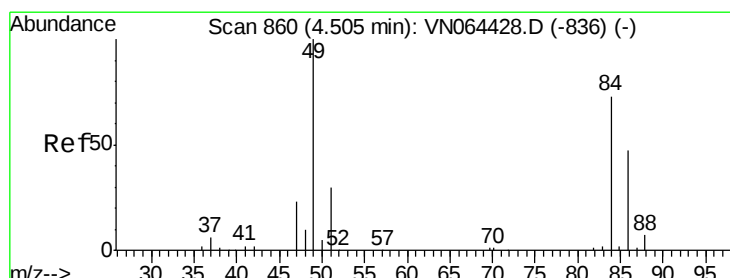
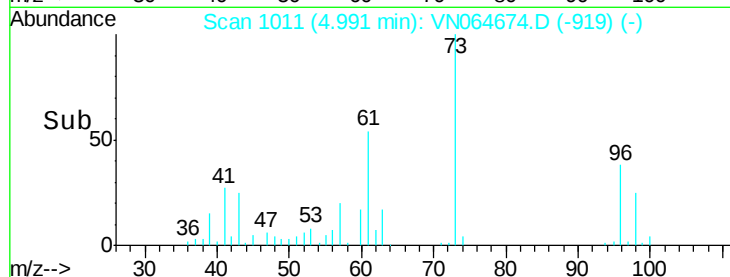
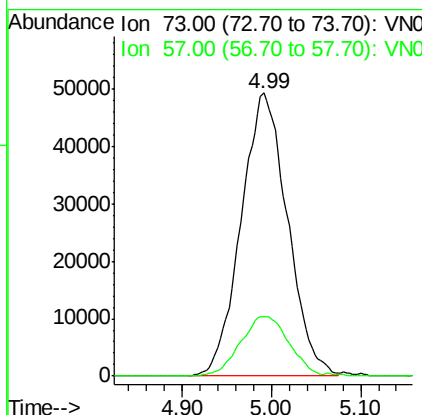
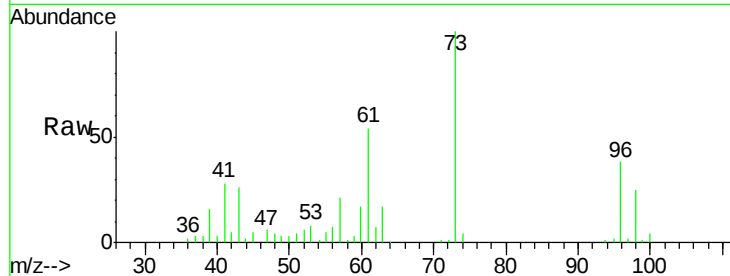
Methyl tert-butyl Ether
 Concen: 16.581 ug/l
 RT: 4.99 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: VN064674.D
 Acq: 17 Nov 2020 12:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117WBS01

Tot Ion: 73 Resp: 178143
 Ion Ratio Lower Upper
 73 100
 57 20.9 17.7 26.5

Manual Integrations
 APPROVED

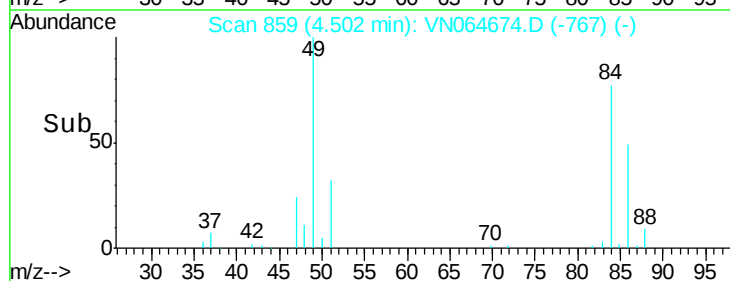
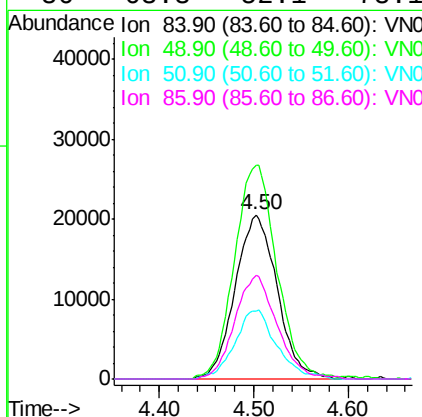
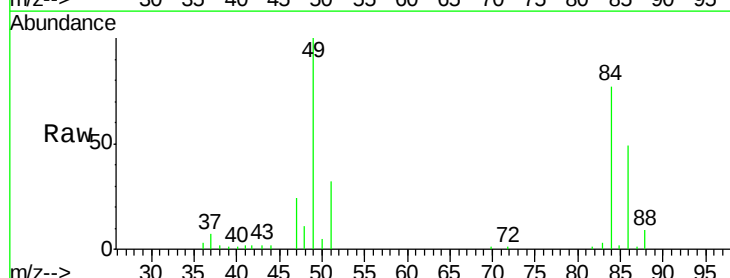
MMDadoda
 11/18/2020 5:15:11 PM

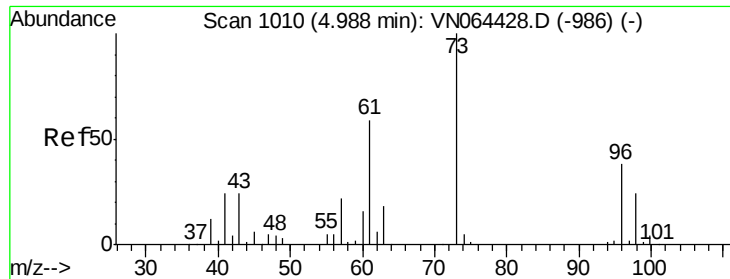


#20

Methylene Chloride
 Concen: 17.201 ug/l
 RT: 4.50 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: VN064674.D
 Acq: 17 Nov 2020 12:31

Tgt Ion: 84 Resp: 63205
 Ion Ratio Lower Upper
 84 100
 49 130.3 110.1 165.1
 51 41.6 33.6 50.4
 86 63.3 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 17.203 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

Instrument :

MSVOA_N

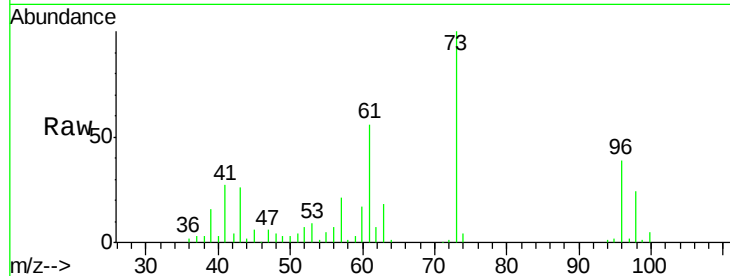
ClientSampleId :

VN1117WBS01

Tot Ion:	96	Resp:	58310
Ion	Ratio	Lower	Upper
96	100		
61	143.8	122.4	183.6
98	62.7	50.4	75.6

Manual Integrations
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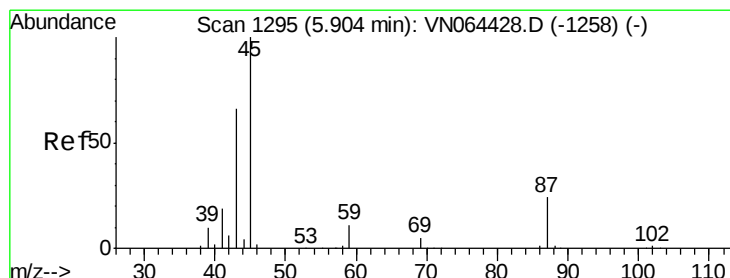
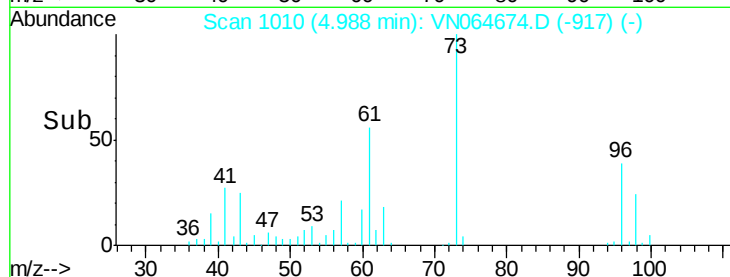
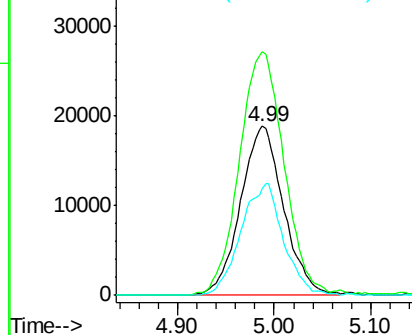


Abundance

Ion 95.90 (95.60 to 96.60): VNC

Ion 60.90 (60.60 to 61.60): VNC

Ion 97.90 (97.60 to 98.60): VNC



#22

Diisopropyl ether

Concen: 16.091 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

Tgt Ion:	45	Resp:	199464
Ion	Ratio	Lower	Upper
45	100		
43	73.7	53.2	79.8
87	25.6	19.9	29.9
59	10.5	8.6	13.0

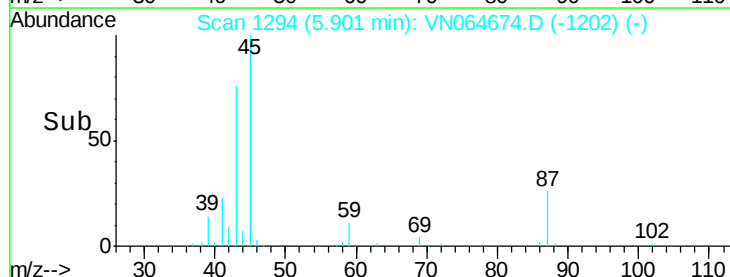
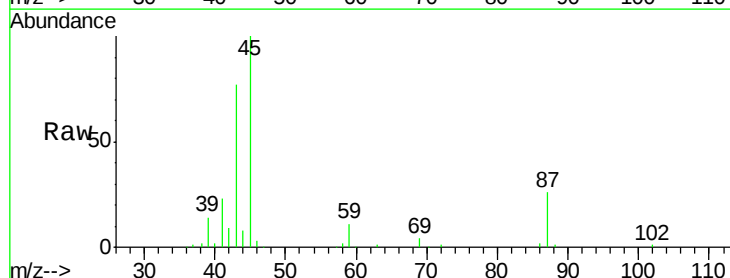
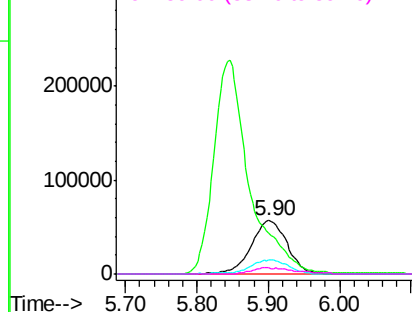
Abundance

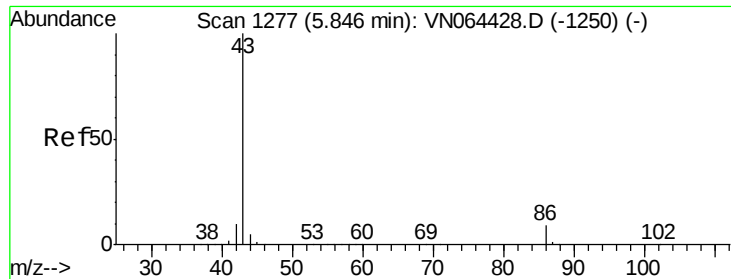
Ion 45.00 (44.70 to 45.70): VNC

Ion 43.00 (42.70 to 43.70): VNC

Ion 87.00 (86.70 to 87.70): VNC

Ion 59.00 (58.70 to 59.70): VNC





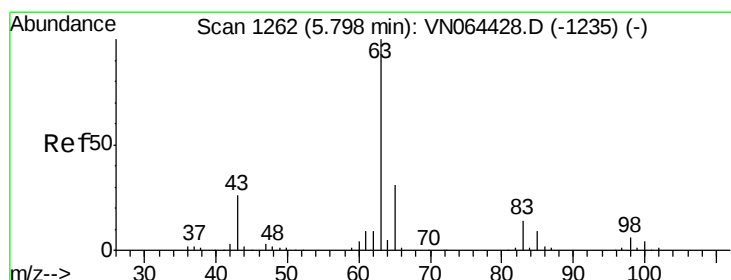
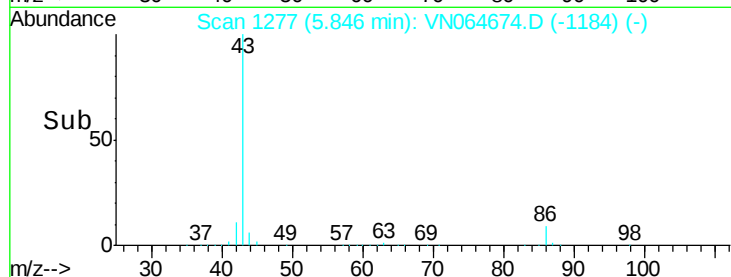
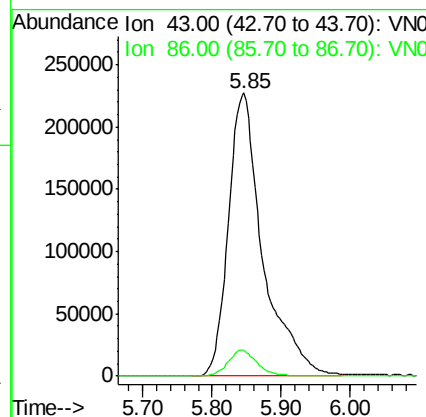
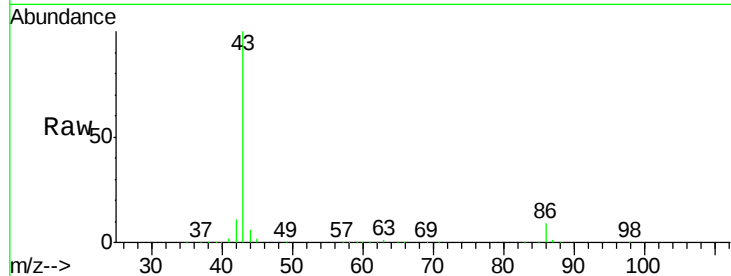
#23
 Vinyl Acetate
 Concen: 78.268 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN064674.D
 Acq: 17 Nov 2020 12:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117WBS01

Tot Ion	43	86	Resp	Lower	Upper
789268	100	9.0		6.8	10.2

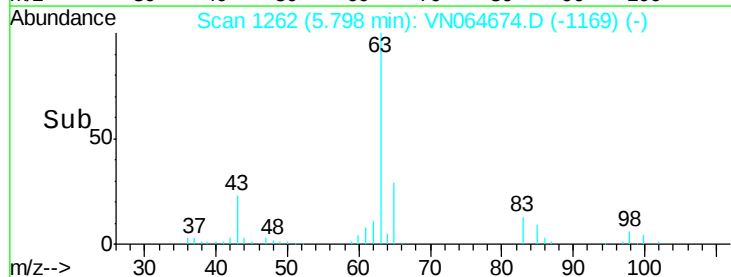
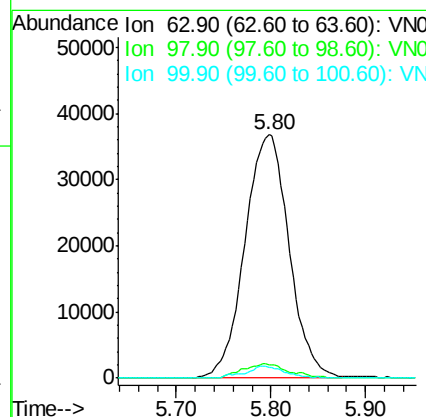
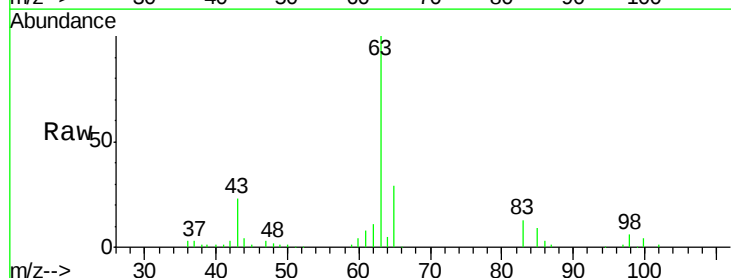
Manual Integrations
 APPROVED

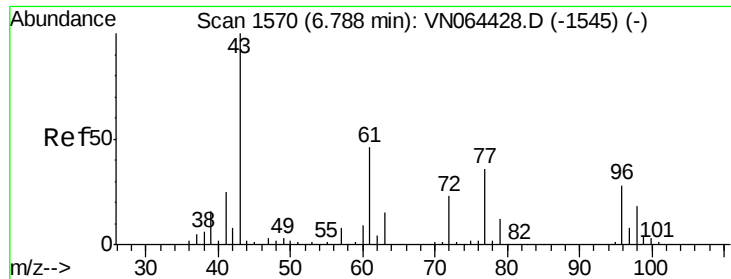
MMDadoda
 11/18/2020 5:15:11 PM



#24
 1,1-Dichloroethane
 Concen: 17.505 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN064674.D
 Acq: 17 Nov 2020 12:31

Tgt Ion	63	98	100	Resp	Lower	Upper
119240	100	5.6	4.4		3.0	9.2
					1.8	5.3





#25

2-Butanone

Concen: 78.864 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. 0.00 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBS01

Tot Ion: 43 Resp: 186096

Ion Ratio Lower Upper

43 100

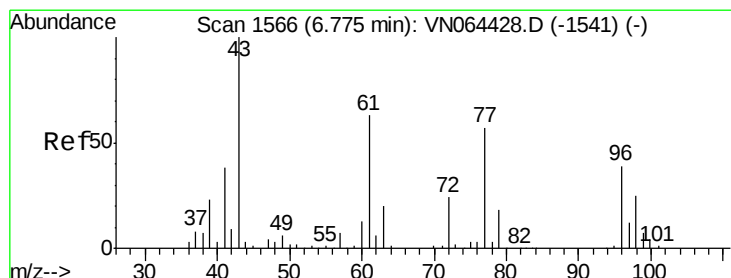
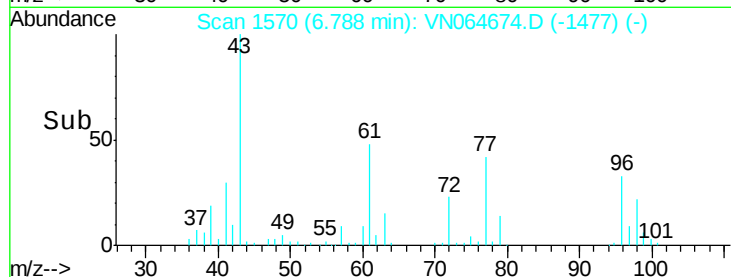
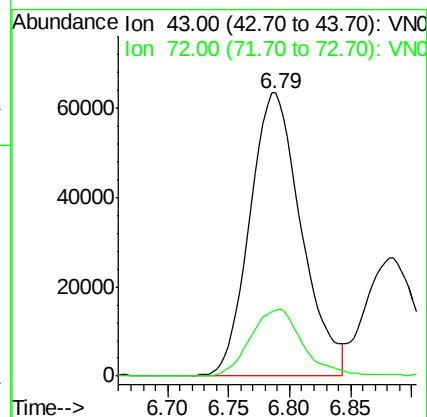
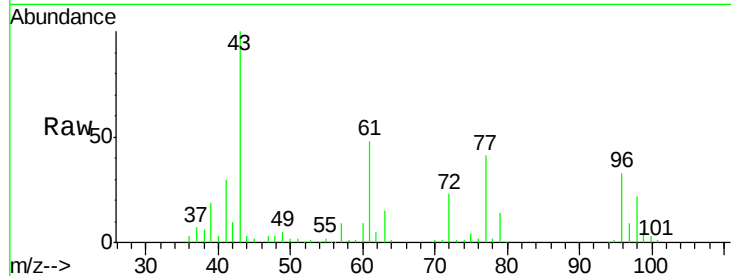
72 23.4 18.5 27.7

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#26

2,2-Dichloropropane

Concen: 17.796 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064674.D

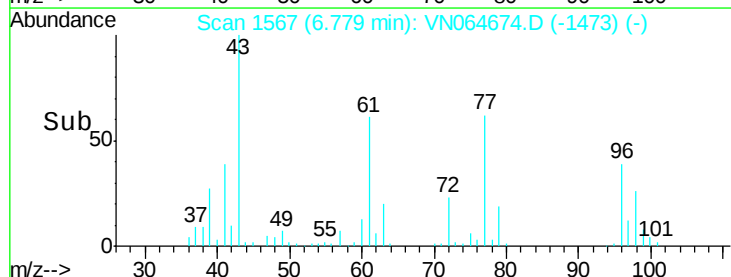
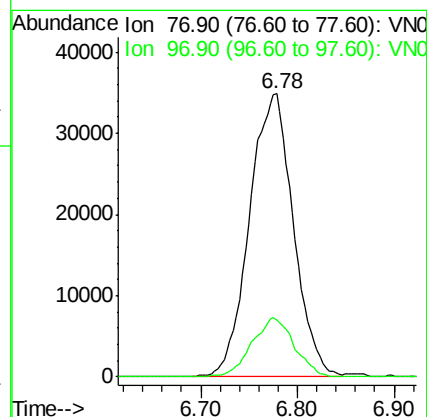
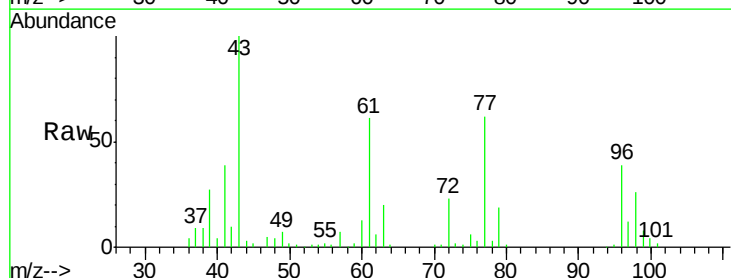
Acq: 17 Nov 2020 12:31

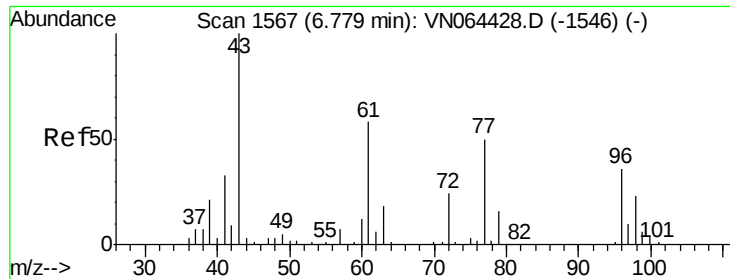
Tgt Ion: 77 Resp: 109736

Ion Ratio Lower Upper

77 100

97 20.1 10.2 30.6





#27

cis-1,2-Dichloroethene

Concen: 17.202 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

Instrument :

MSVOA_N

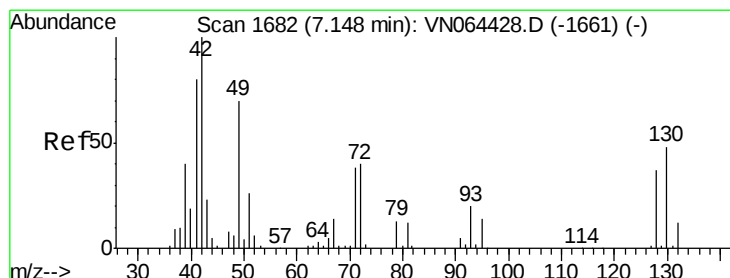
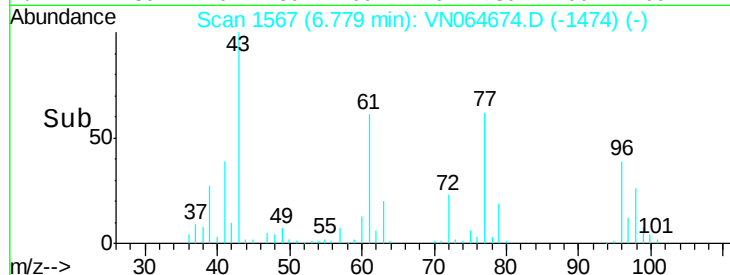
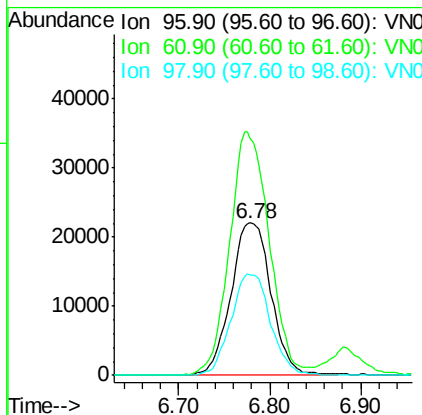
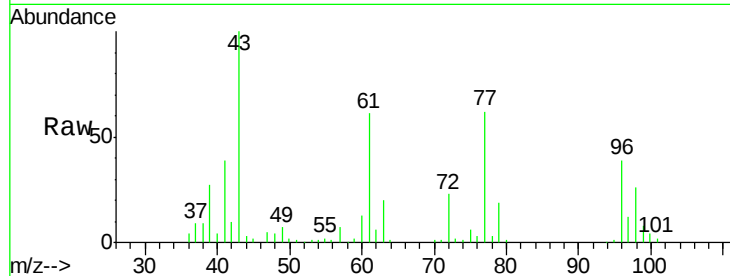
ClientSampleId :

VN1117WBS01

Tot Ion:	96	Resp:	67563
Ion	Ratio	Lower	Upper
96	100		
61	158.1	0.0	329.6
98	65.6	0.0	131.2

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#28

Bromochloromethane

Concen: 16.528 ug/l

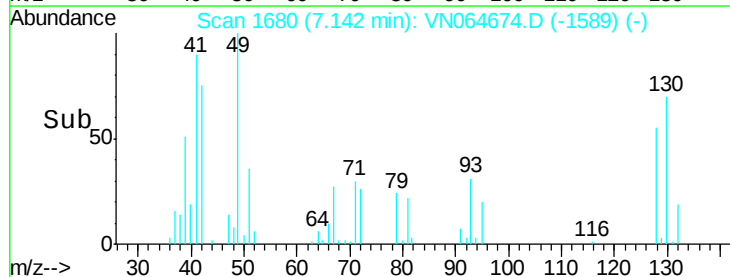
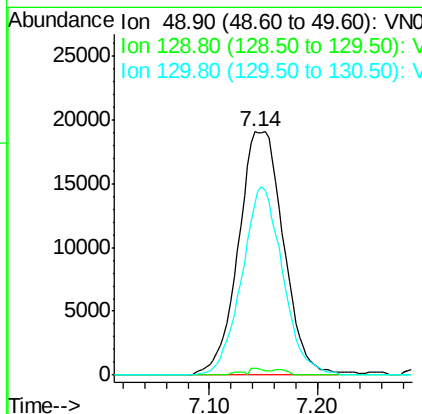
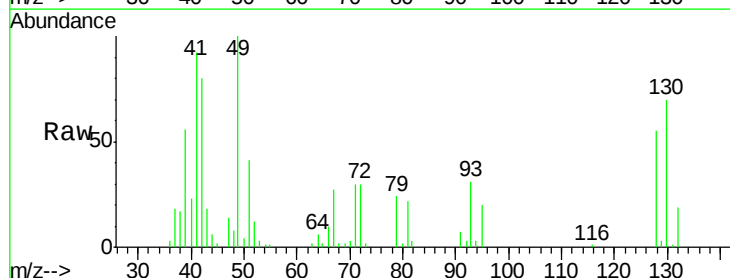
RT: 7.14 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

Tgt Ion:	49	Resp:	55340
Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	3.6
130	70.2	54.2	81.4





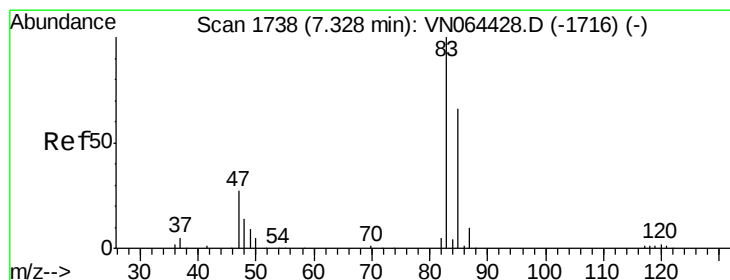
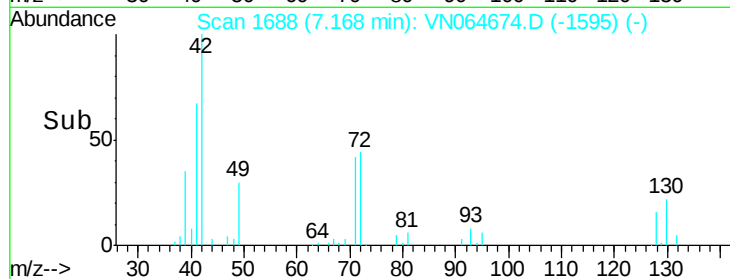
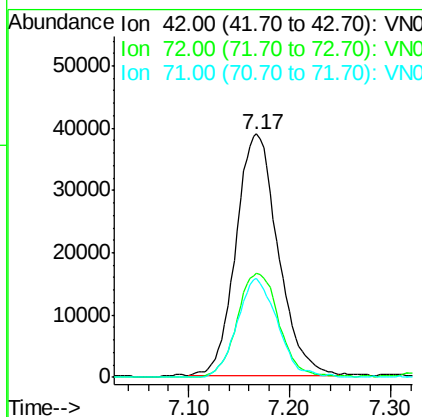
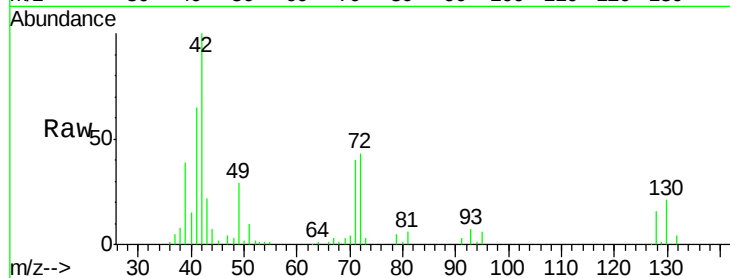
#29
Tetrahydrofuran
Concen: 77.357 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN064674.D
Acq: 17 Nov 2020 12:31

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.0	31.7	47.5
71	39.2	29.8	44.6

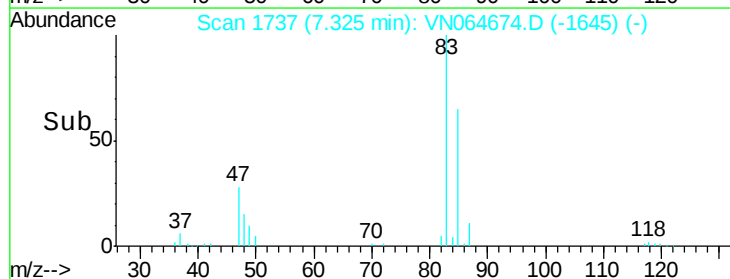
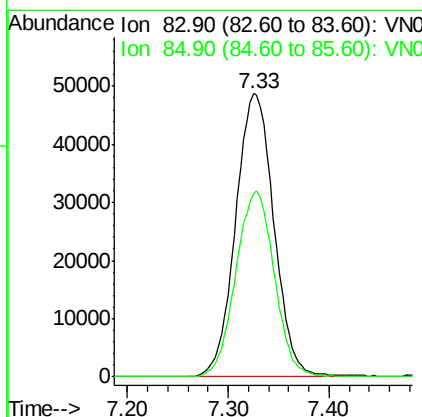
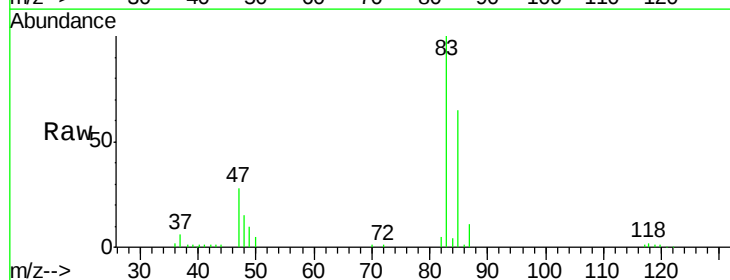
Manual Integrations
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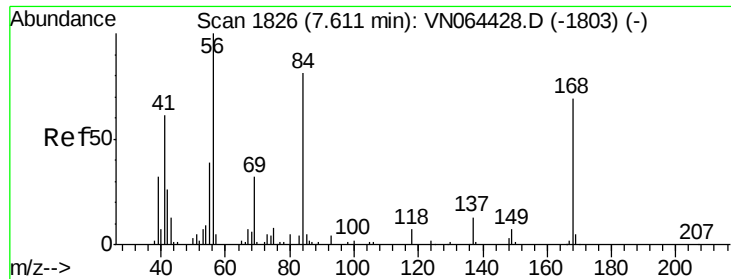
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#30
Chloroform
Concen: 17.917 ug/l
RT: 7.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN064674.D
Acq: 17 Nov 2020 12:31

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	52.5	78.7





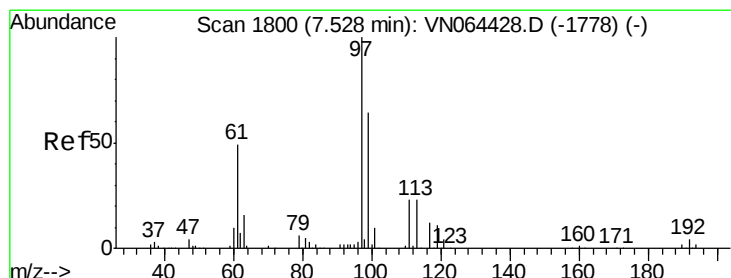
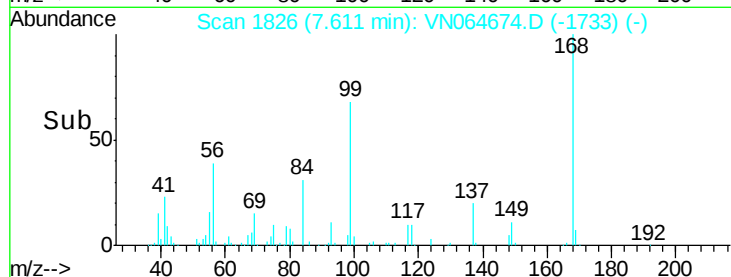
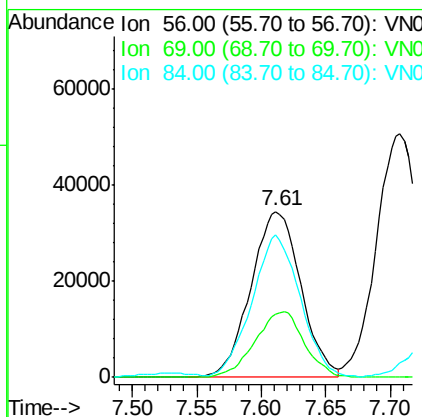
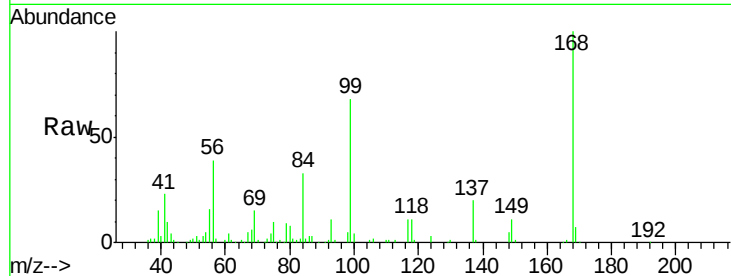
#31
Cvclohexane
Concen: 15.777 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VN064674.D
Acq: 17 Nov 2020 12:31

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.1	25.6	38.4
84	84.5	63.0	94.6

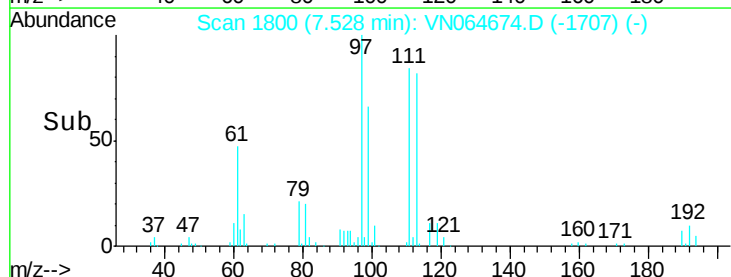
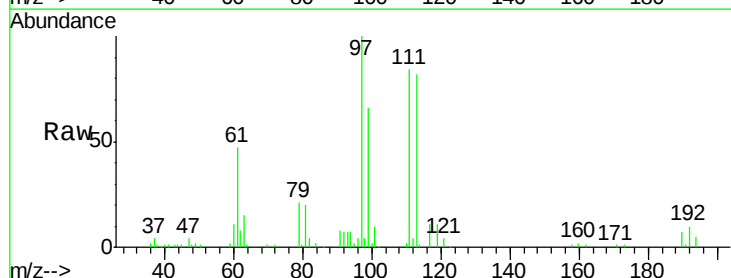
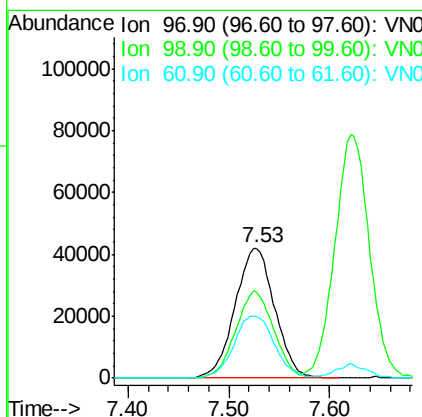
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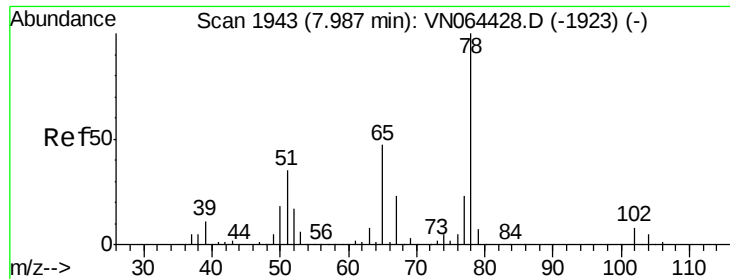
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#32
1,1,1-Trichloroethane
Concen: 17.998 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN064674.D
Acq: 17 Nov 2020 12:31

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.3	76.9
61	48.6	39.1	58.7





#33

1,2-Dichloroethane-d4

Concen: 48.313 ug/l

RT: 7.98 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBS01

Tot Ion: 65 Resp: 234895

Ion Ratio Lower Upper

65 100

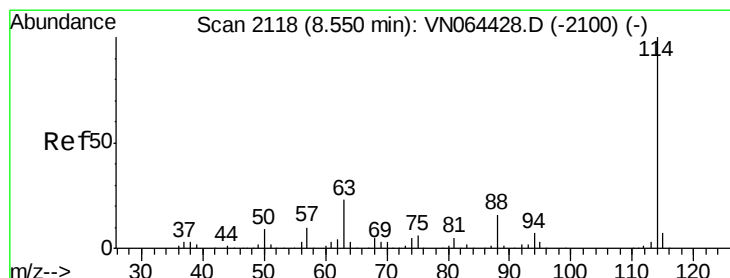
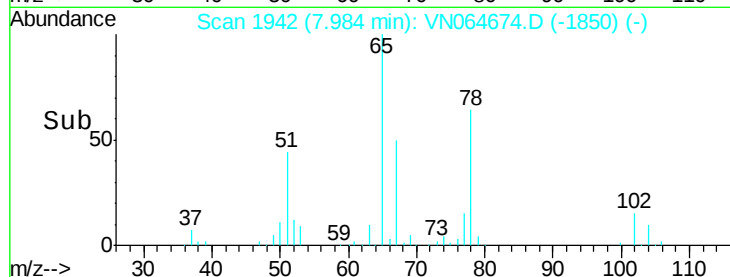
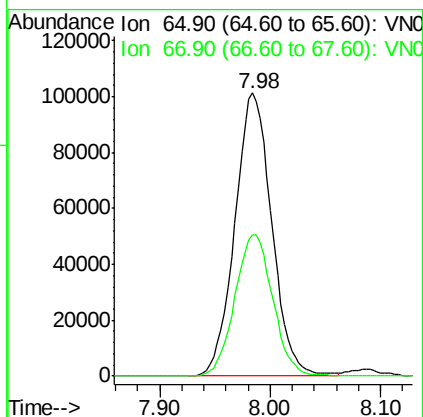
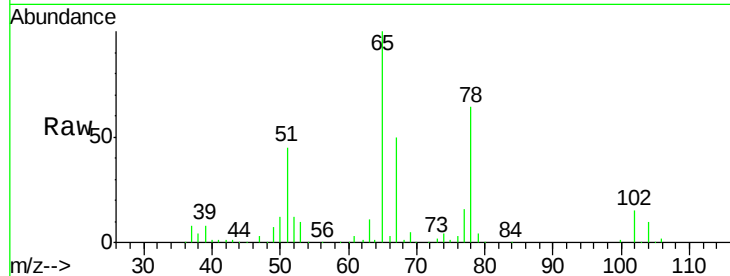
67 51.3 0.0 101.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

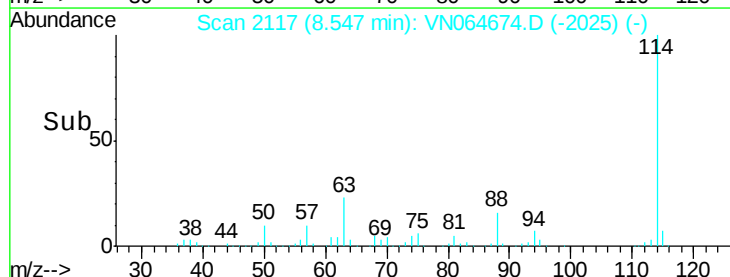
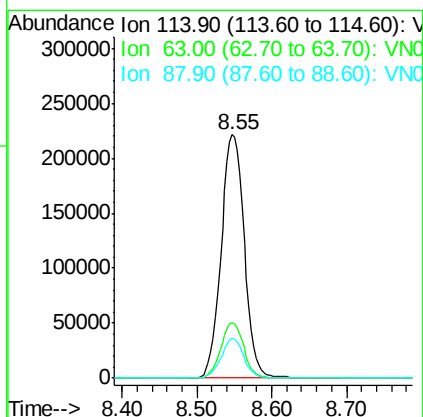
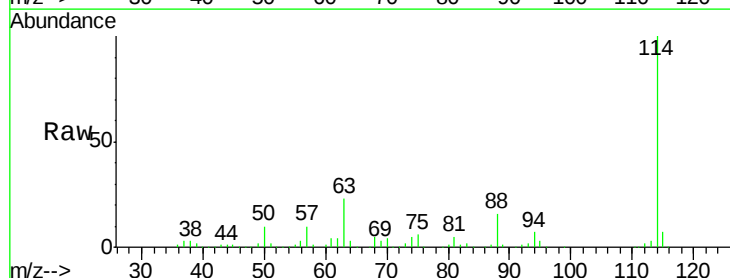
Tgt Ion: 114 Resp: 474361

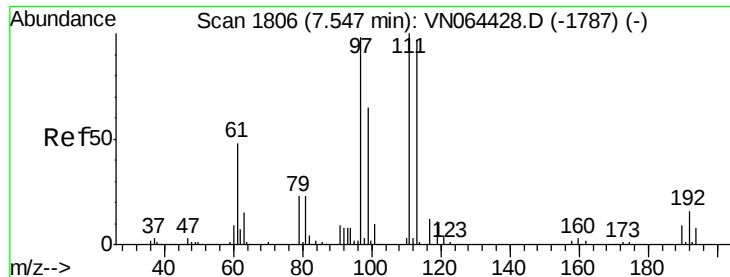
Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.6

88 16.5 0.0 32.8





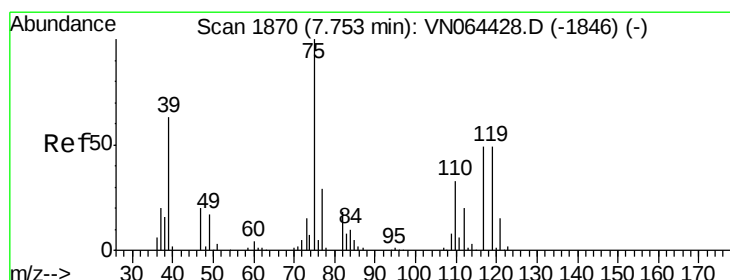
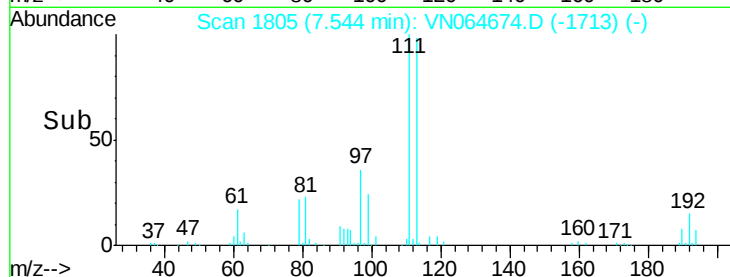
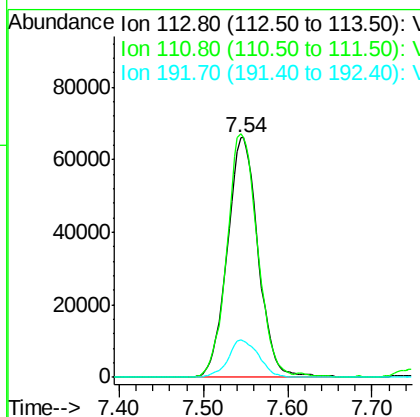
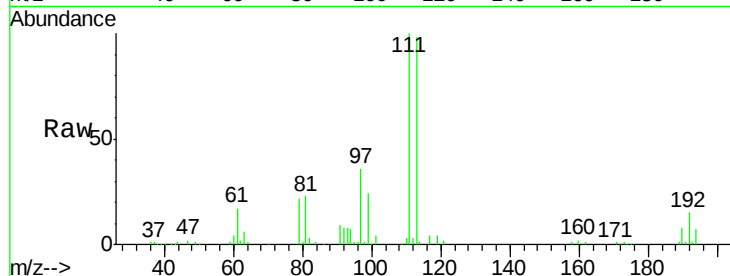
#35
 Dibromofluoromethane
 Concen: 51.981 ug/l
 RT: 7.54 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: VN064674.D
 Acq: 17 Nov 2020 12:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	167884		
111	100.6	81.1	121.7	
192	15.4	12.8	19.2	

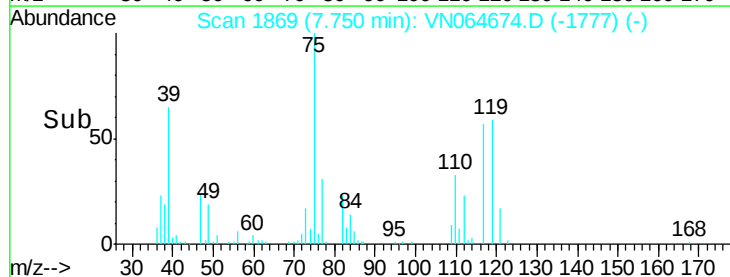
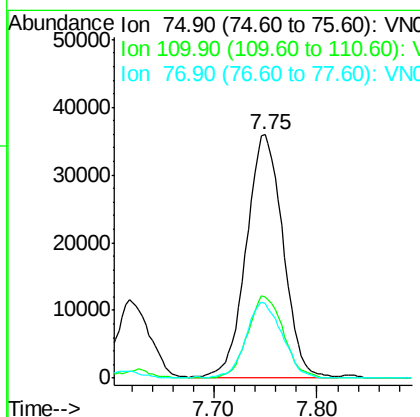
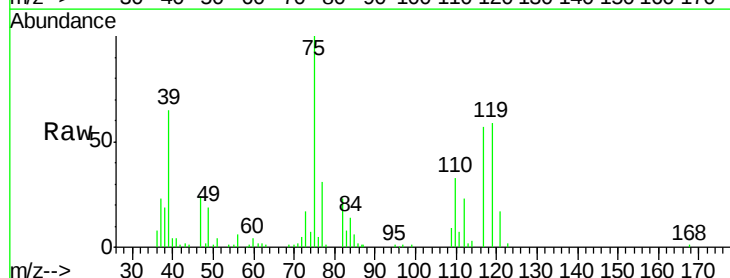
Manual Integrations
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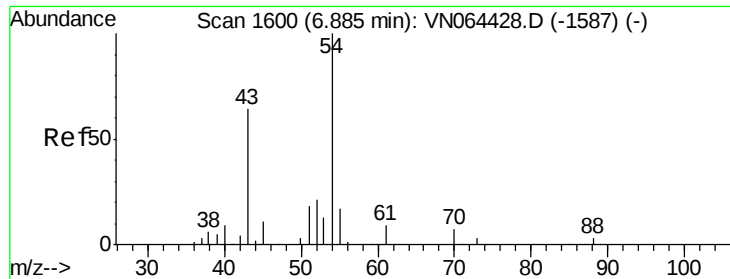
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#36
 1,1-Dichloropropene
 Concen: 17.618 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064674.D
 Acq: 17 Nov 2020 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	88287		
110	32.9	16.0	48.0	
77	30.9	24.0	36.0	





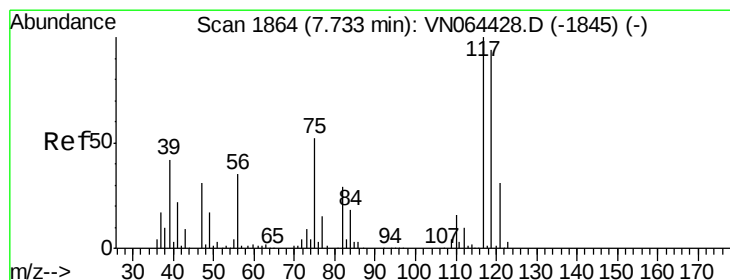
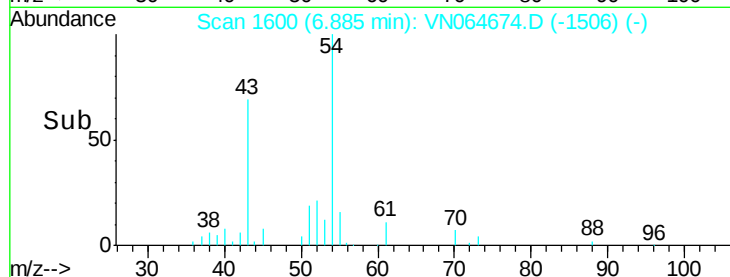
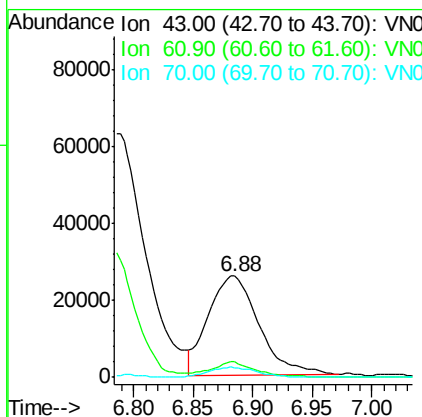
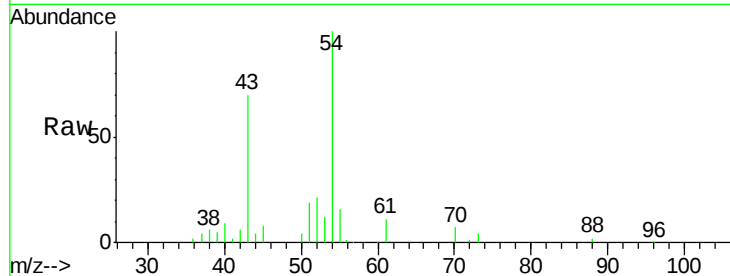
#37
Ethyl Acetate
Concen: 15.632 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VN064674.D
Acq: 17 Nov 2020 12:31

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBS01

Tot Ion	43	61	70
Resp	76800		
Ratio	100	11.1	9.5
Lower		10.0	7.1
Upper		15.0	10.7

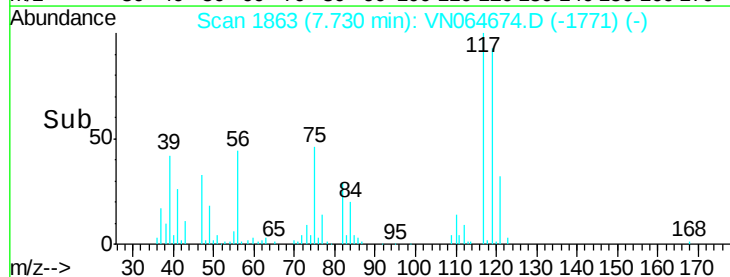
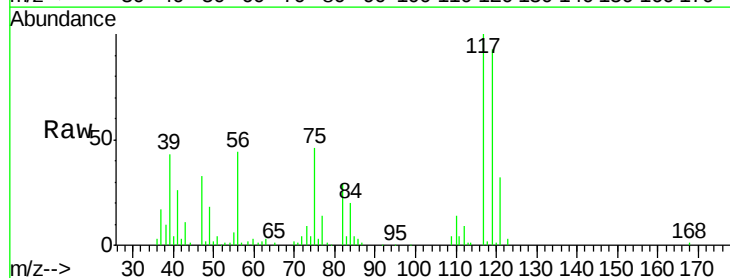
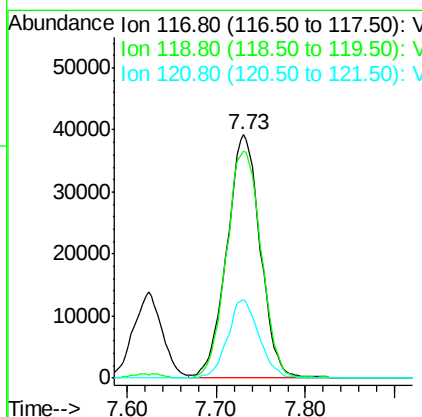
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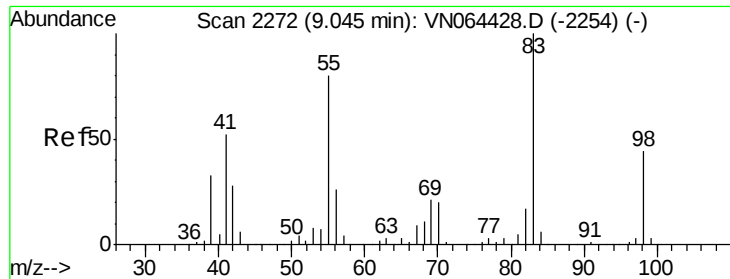
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#38
Carbon Tetrachloride
Concen: 19.055 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN064674.D
Acq: 17 Nov 2020 12:31

Tgt Ion	117	119	121
Resp	102057		
Ratio	100	93.3	32.2
Lower		75.5	24.4
Upper		113.3	36.6





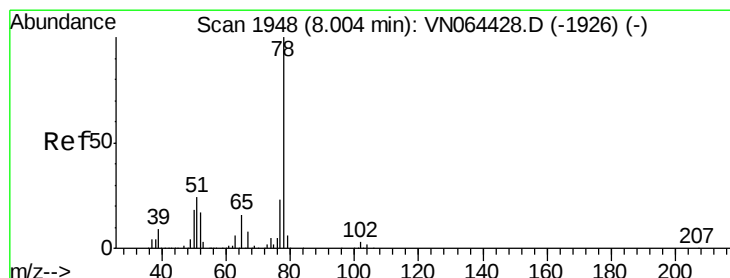
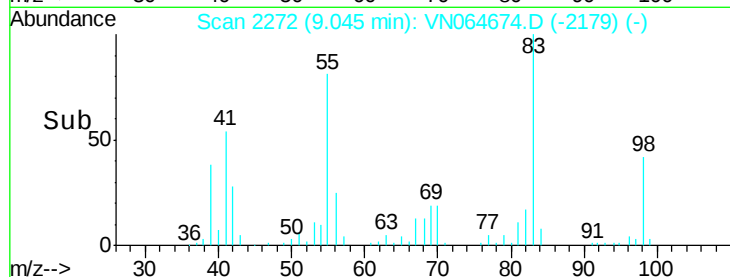
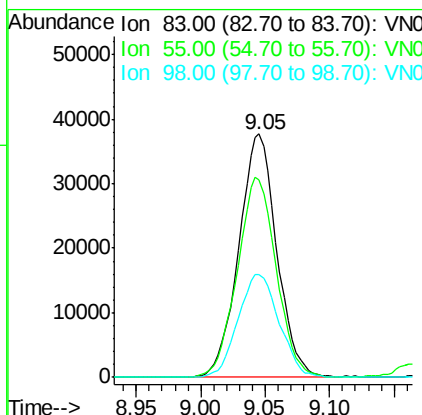
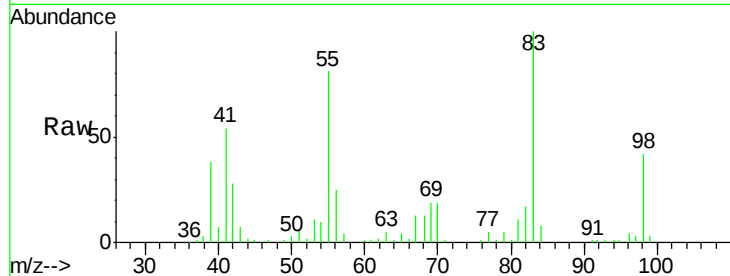
#39
Methvlcvclohexane
Concen: 17.213 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064674.D
Acq: 17 Nov 2020 12:31

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.9	63.8	95.6
98	42.1	35.4	53.2

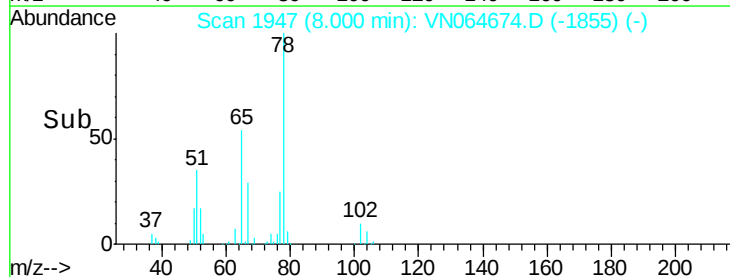
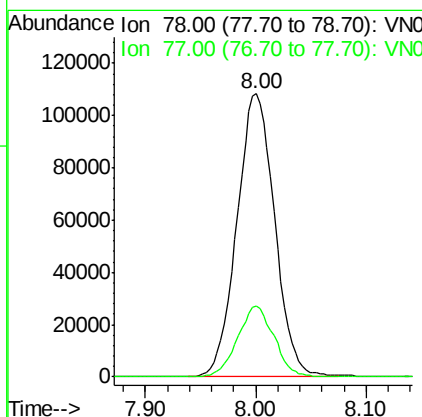
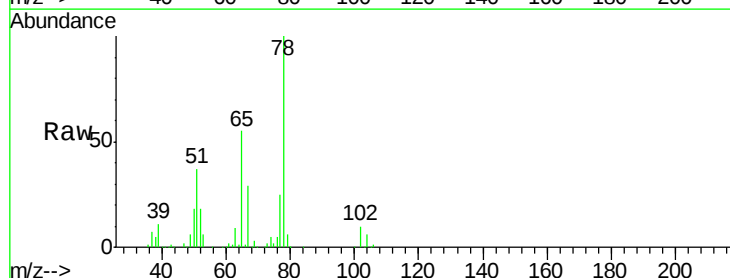
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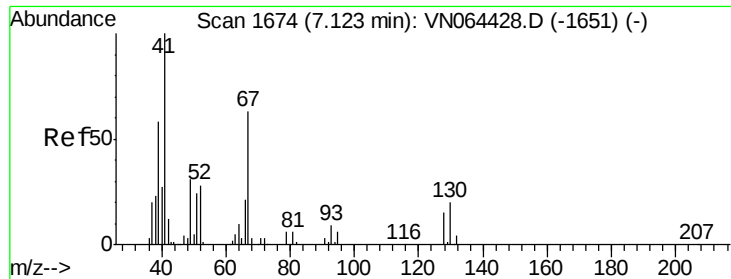
MMDadoda
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#40
Benzene
Concen: 17.439 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064674.D
Acq: 17 Nov 2020 12:31

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.1	18.7	28.1





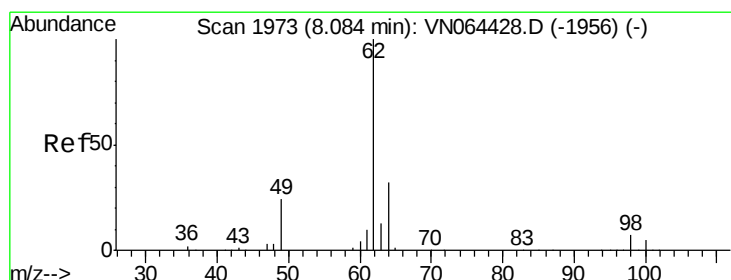
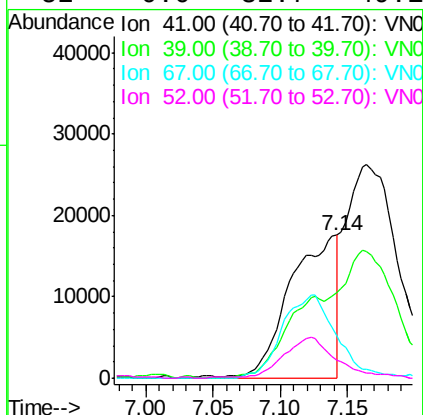
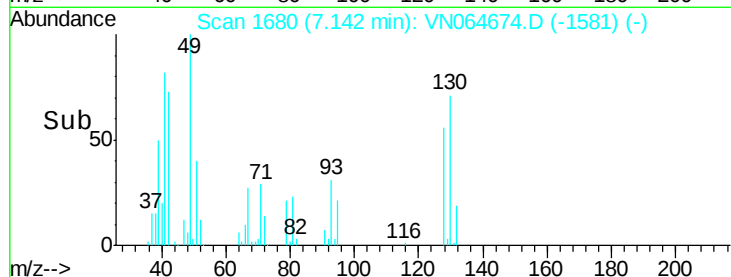
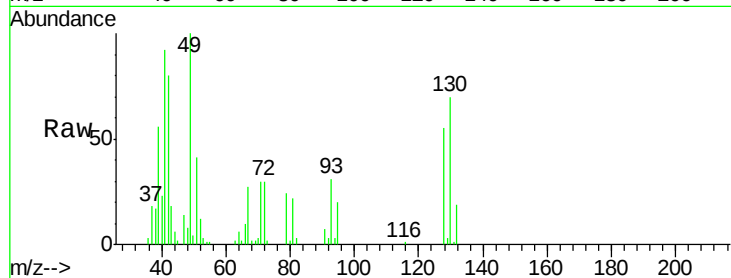
#41
Methacrylonitrile
Concen: 19.310 ug/l m
RT: 7.14 min Scan# 1680
Delta R.T. 0.02 min
Lab File: VN064674.D
Acq: 17 Nov 2020 12:31

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	85.0	50.0	75.0#
67	0.0	68.3	102.5#
52	0.0	32.7	49.1#

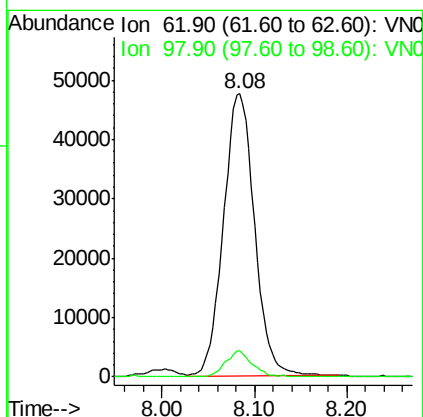
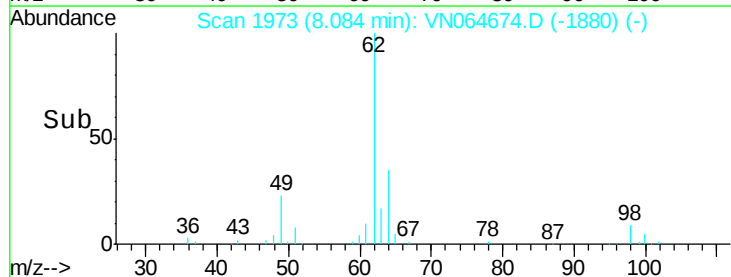
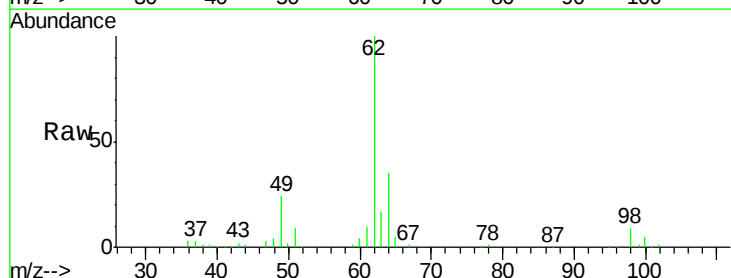
Manual Integrations
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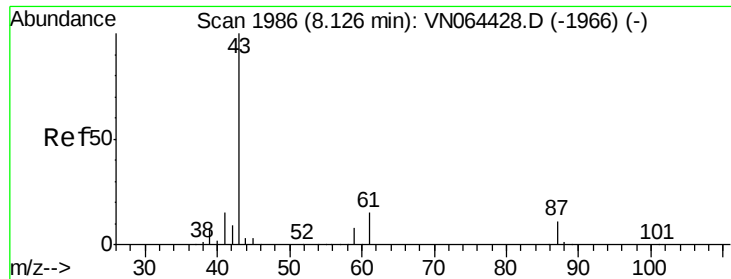
MMDadoda
11/18/2020 5:15:11 PM



#42
1,2-Dichloroethane
Concen: 18.623 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN064674.D
Acq: 17 Nov 2020 12:31

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	14.0





#43

Isopropyl Acetate

Concen: 16.314 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

Instrument :

MSVOA_N

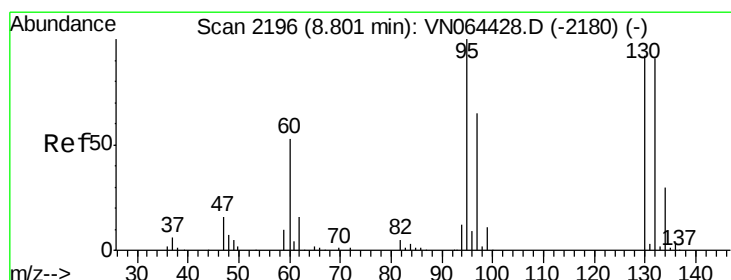
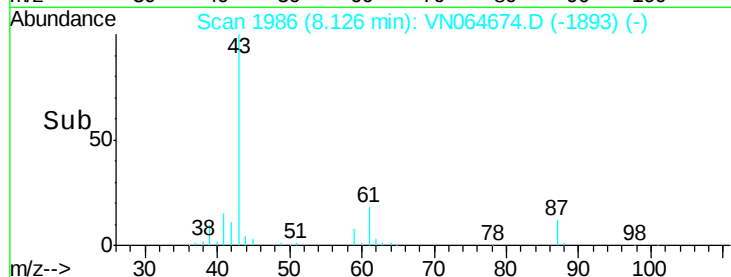
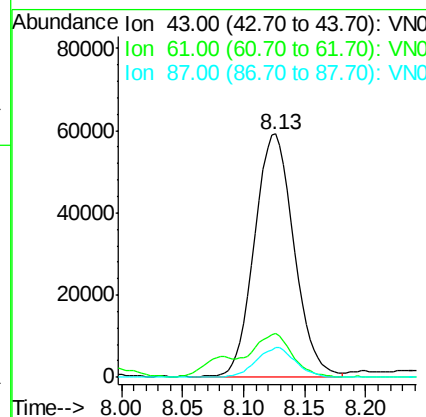
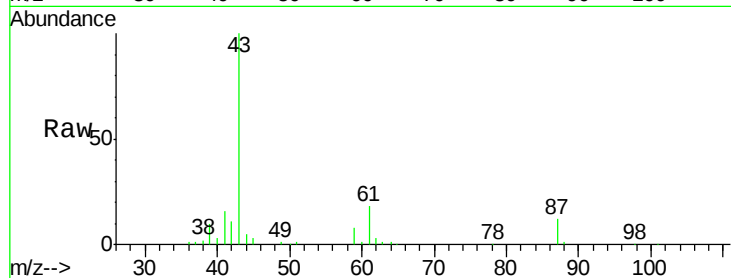
ClientSampleId :

VN1117WBS01

Tot Ion:	43	Resp:	132489
Ion	Ratio	Lower	Upper
43	100		
61	17.1	14.0	21.0
87	12.0	9.1	13.7

Manual Integrations
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#44

Trichloroethene

Concen: 17.971 ug/l

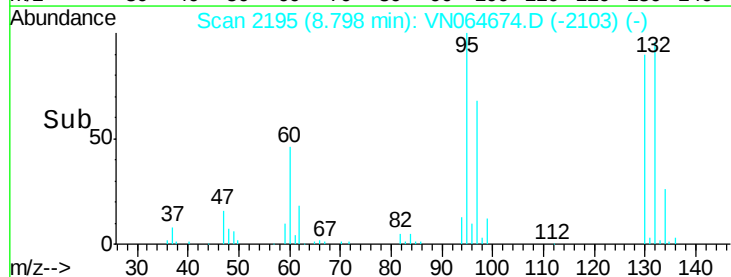
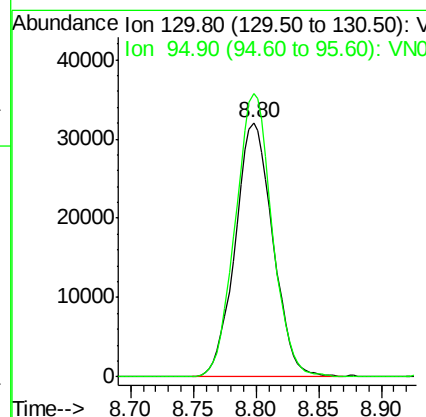
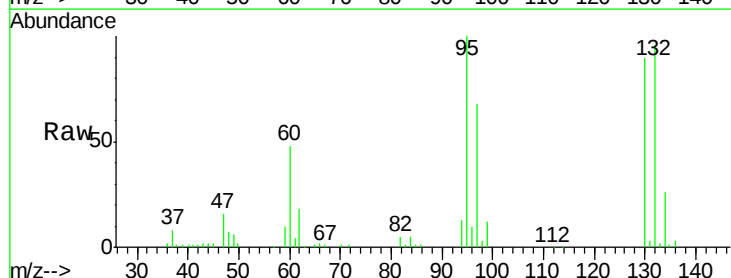
RT: 8.80 min Scan# 2195

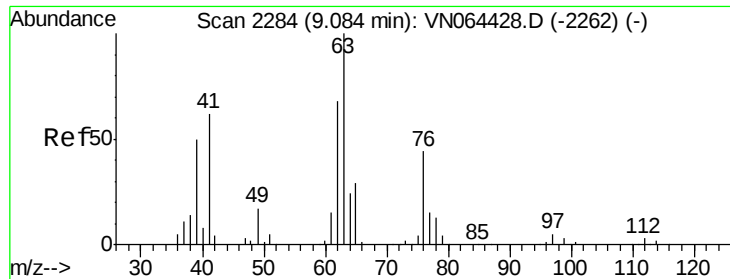
Delta R.T. -0.00 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

Tgt Ion:	130	Resp:	66766
Ion	Ratio	Lower	Upper
130	100		
95	111.3	0.0	216.8





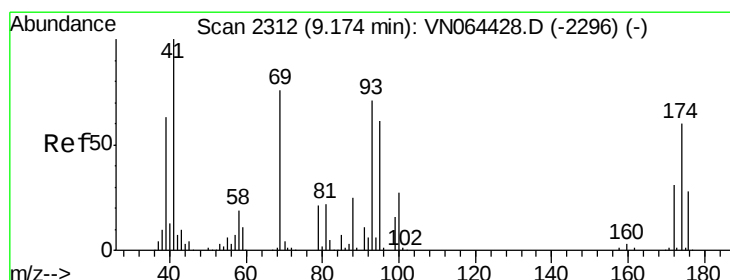
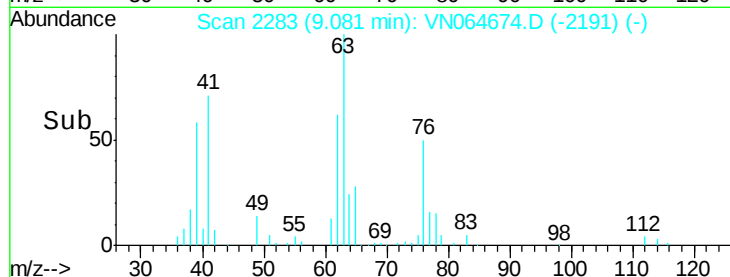
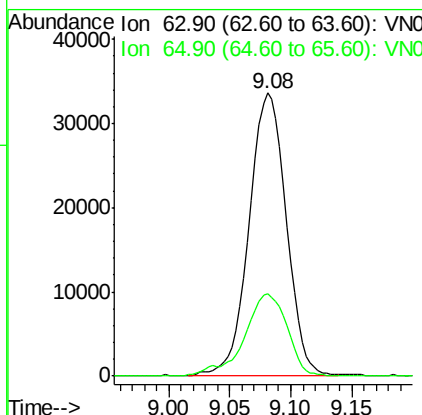
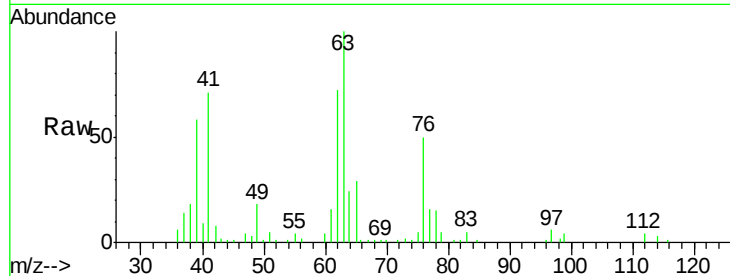
#45
 1,2-Dichloropropane
 Concen: 18.071 ug/l
 RT: 9.08 min Scan# 2283
 Delta R.T. -0.00 min
 Lab File: VN064674.D
 Acq: 17 Nov 2020 12:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117WBS01

Tot Ion: 63 Resp: 71005
 Ion Ratio Lower Upper
 63 100
 65 29.0 23.6 35.4

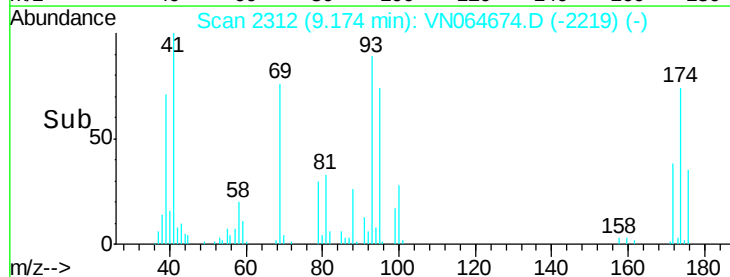
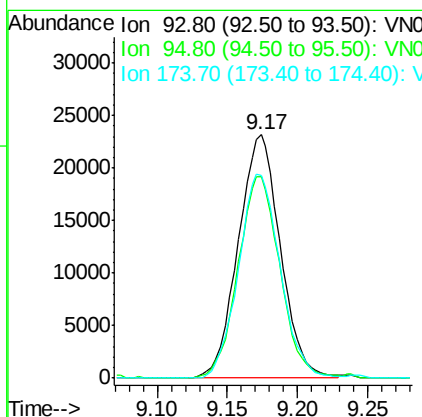
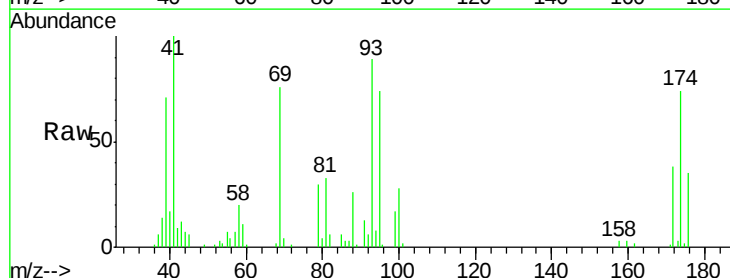
Manual Integrations
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#46
 Dibromomethane
 Concen: 18.695 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064674.D
 Acq: 17 Nov 2020 12:31

Tgt Ion: 93 Resp: 48355
 Ion Ratio Lower Upper
 93 100
 95 82.6 66.4 99.6
 174 82.9 67.2 100.8





#47

Bromodichloromethane

Concen: 18.805 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

Instrument :

MSVOA_N

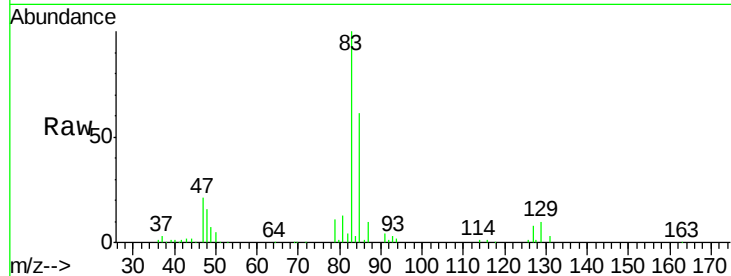
ClientSampleId :

VN1117WBS01

Tot Ion:	83	Resp:	104586
Ion Ratio	Lower	Upper	
83	100		
85	61.4	51.2	76.8
127	8.0	6.9	10.3

Manual Integrations
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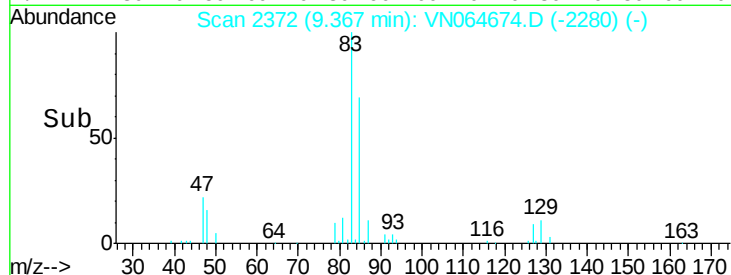


Abundance Ion 82.90 (82.60 to 83.60): VN064428.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN064428.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN064428.D (-2356) (-)

Time-->

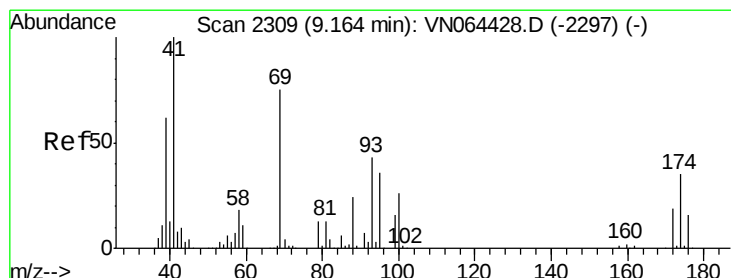


Abundance Ion 82.90 (82.60 to 83.60): VN064674.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064674.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064674.D (-2280) (-)

Time-->



#48

Methyl methacrylate

Concen: 16.073 ug/l

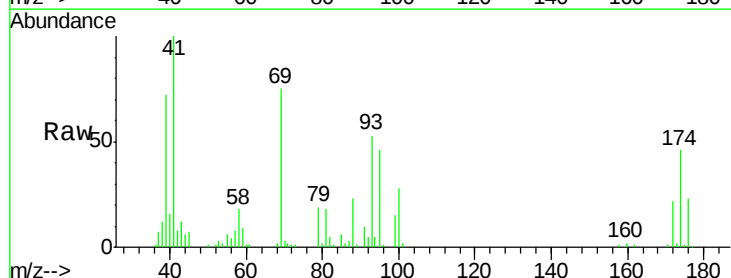
RT: 9.16 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

Tgt Ion:	41	Resp:	65868
Ion Ratio	Lower	Upper	
41	100		
69	76.2	60.4	90.6
39	67.1	51.2	76.8

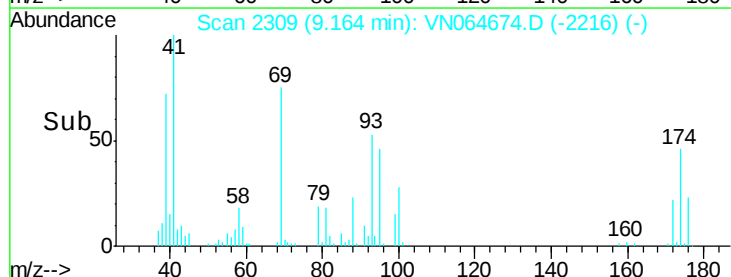


Abundance Ion 41.00 (40.70 to 41.70): VN064428.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN064428.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN064428.D (-2297) (-)

Time-->

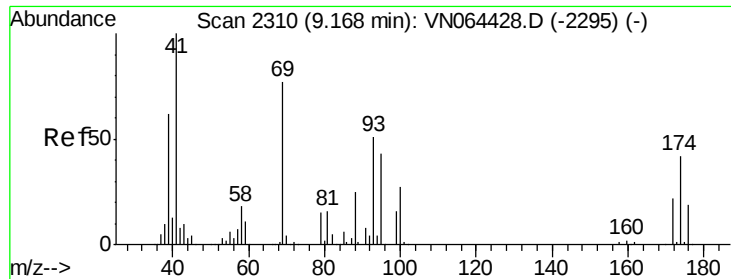


Abundance Ion 41.00 (40.70 to 41.70): VN064674.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN064674.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN064674.D (-2216) (-)

Time-->



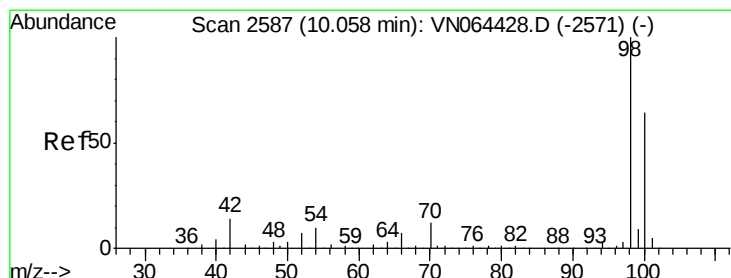
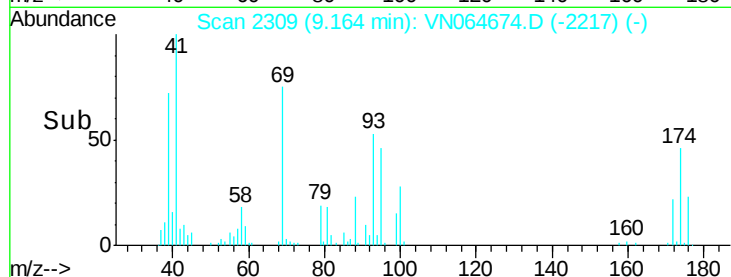
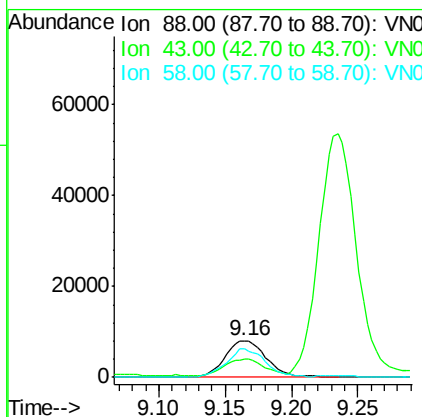
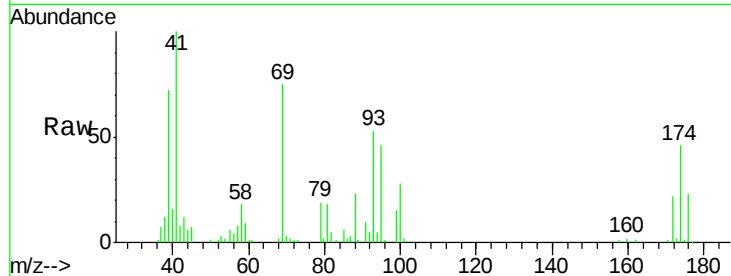
#49
1,4-Dioxane
Concen: 324.865 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN064674.D
Acq: 17 Nov 2020 12:31

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBS01

Tot Ion: 88 Resp: 17535
Ion Ratio Lower Upper
88 100
43 43.1 31.0 46.6
58 73.2 58.4 87.6

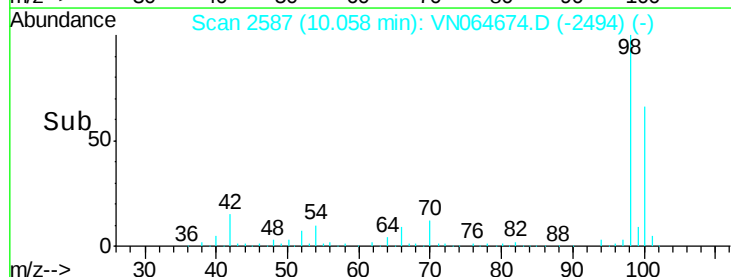
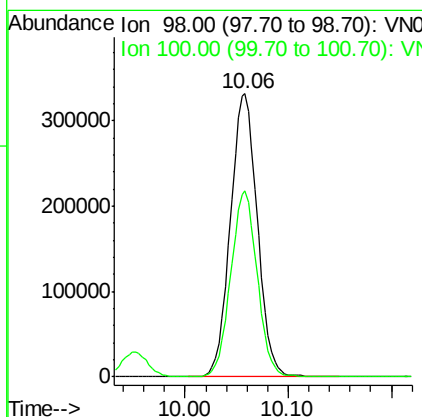
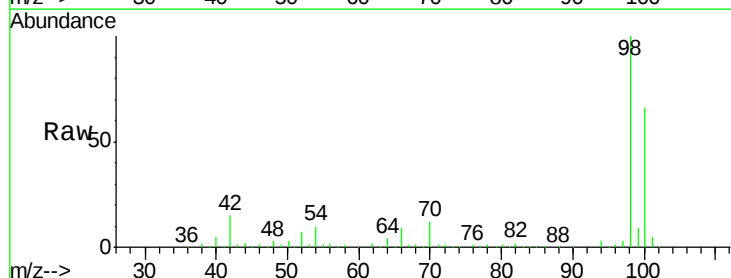
Manual Integrations
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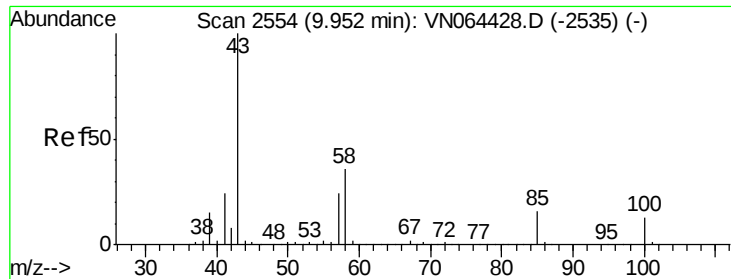
MMDadoda
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#50
Toluene-d8
Concen: 48.489 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064674.D
Acq: 17 Nov 2020 12:31

Tgt Ion: 98 Resp: 605284
Ion Ratio Lower Upper
98 100
100 64.2 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 84.466 ug/l

RT: 9.95 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBS01

Tot Ion: 43 Resp: 400035

Ion Ratio Lower Upper

43 100

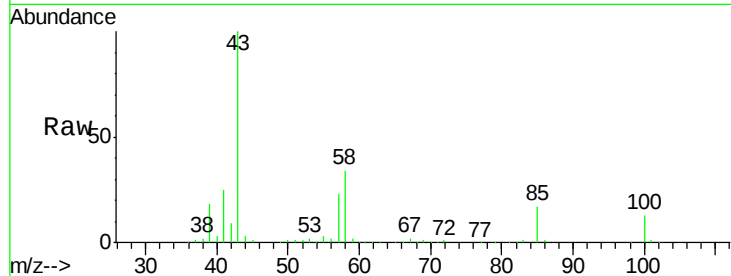
58 35.7 28.4 42.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.95

200000

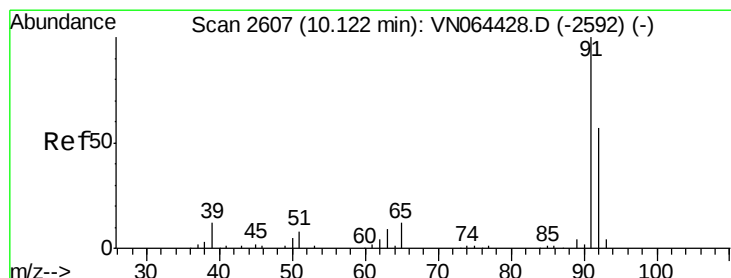
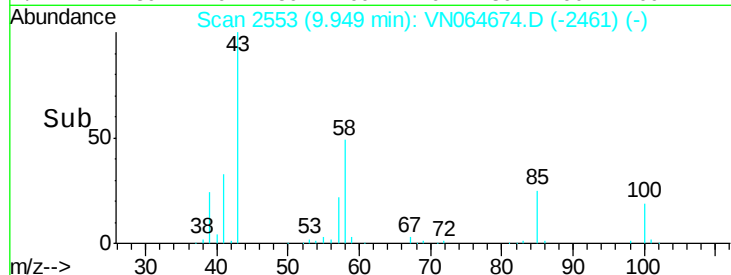
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 17.911 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN064674.D

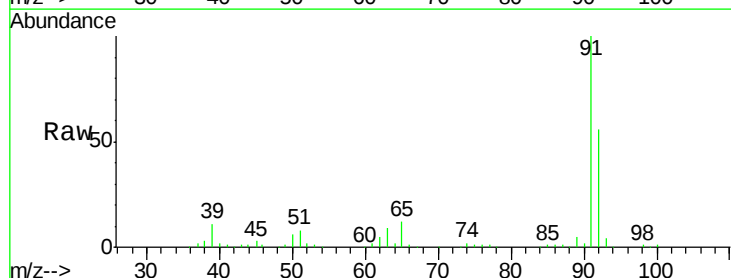
Acq: 17 Nov 2020 12:31

Tgt Ion: 92 Resp: 160870

Ion Ratio Lower Upper

92 100

91 178.4 139.6 209.4



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.12

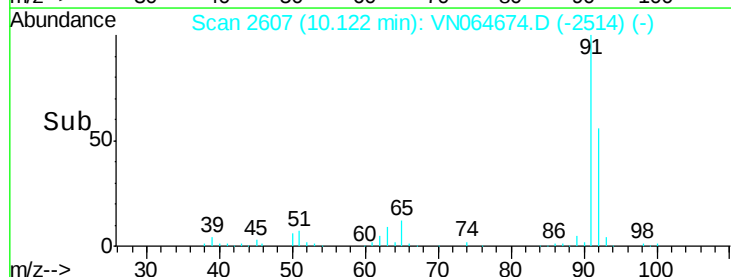
150000

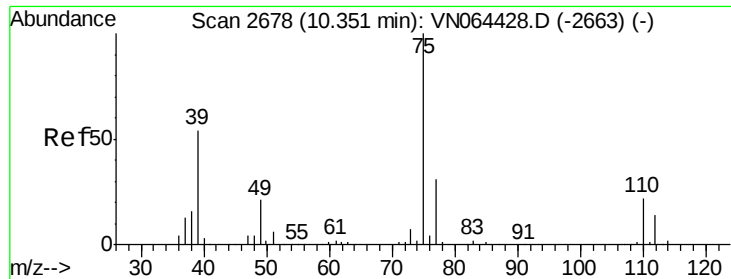
100000

50000

0

Time-->





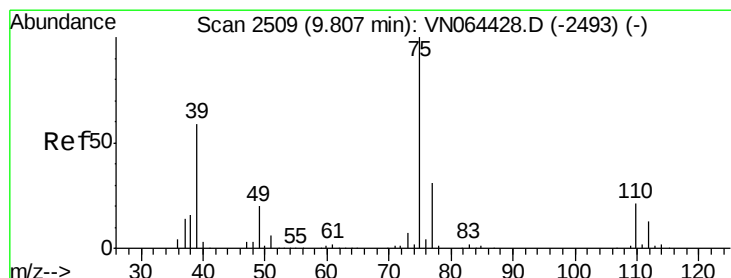
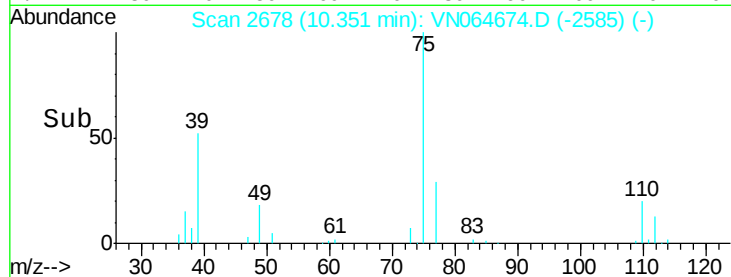
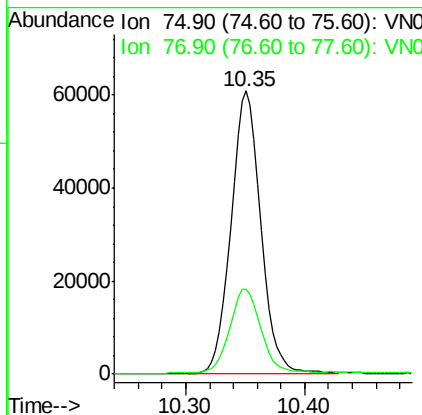
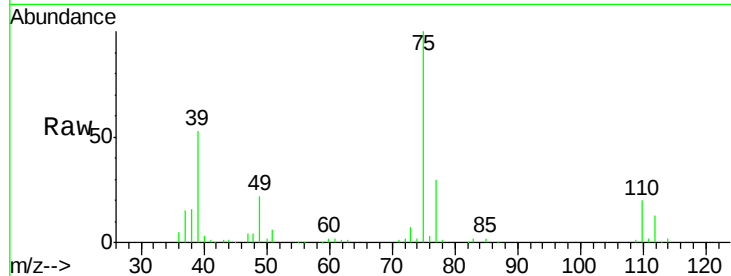
#53
t-1,3-Dichloropropene
Concen: 17.923 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN064674.D
Acq: 17 Nov 2020 12:31

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBS01

Tot Ion: 75 Resp: 105677
Ion Ratio Lower Upper
75 100
77 29.4 24.8 37.2

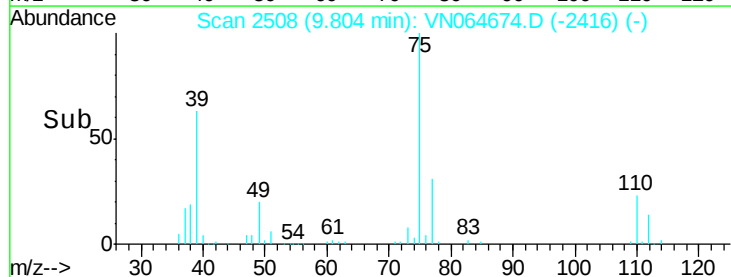
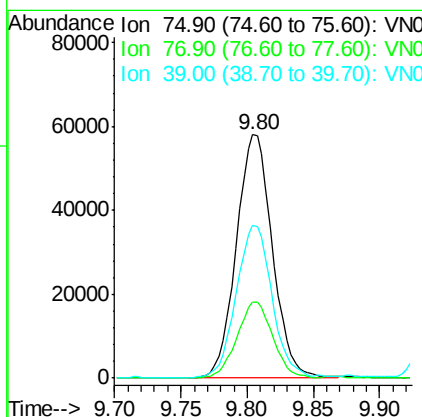
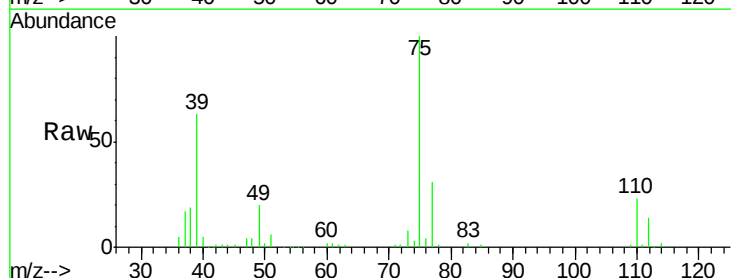
Manual Integrations
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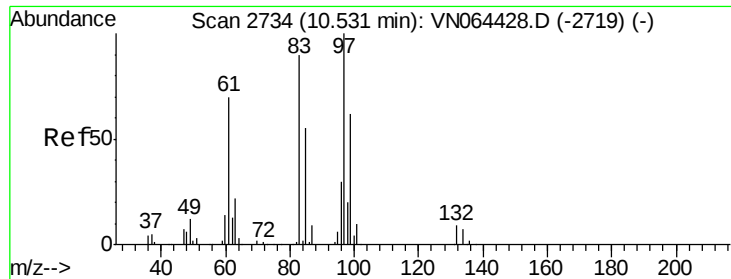
MMDadoda
11/18/2020 5:15:11 PM



#54
cis-1,3-Dichloropropene
Concen: 17.386 ug/l
RT: 9.80 min Scan# 2508
Delta R.T. -0.00 min
Lab File: VN064674.D
Acq: 17 Nov 2020 12:31

Tgt Ion: 75 Resp: 109603
Ion Ratio Lower Upper
75 100
77 31.2 24.9 37.3
39 63.0 47.1 70.7





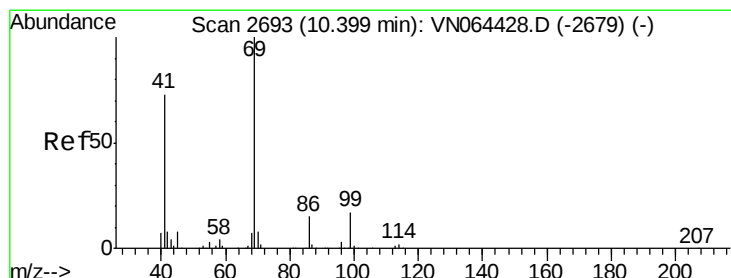
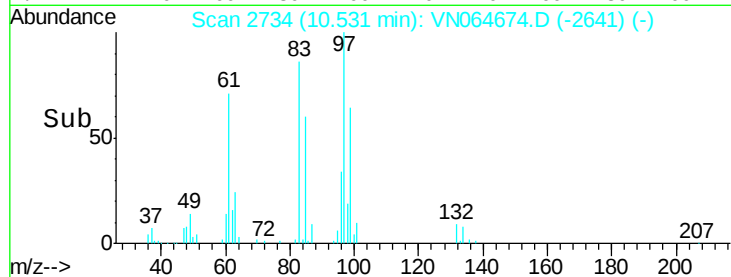
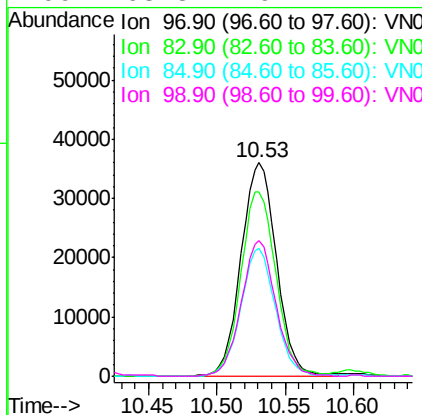
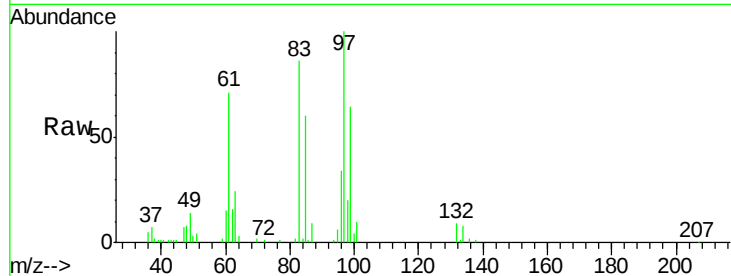
#55
 1,1,2-Trichloroethane
 Concen: 18.594 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN064674.D
 Acq: 17 Nov 2020 12:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117WBS01

Tot Ion:	97	Resp:	65130
Ion	Ratio	Lower	Upper
97	100		
83	86.5	71.7	107.5
85	59.8	44.3	66.5
99	63.8	49.4	74.2

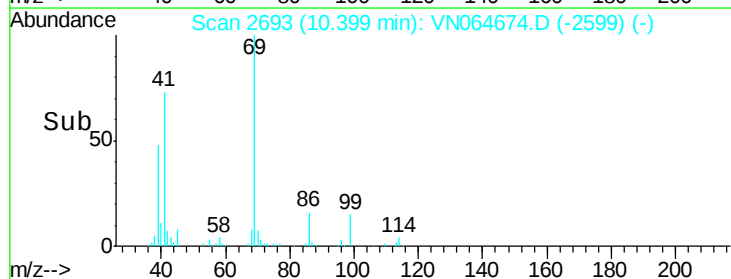
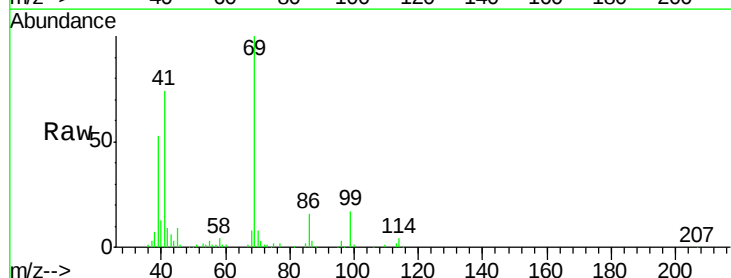
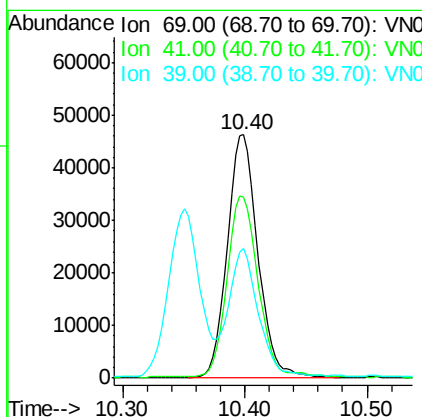
Manual Integrations
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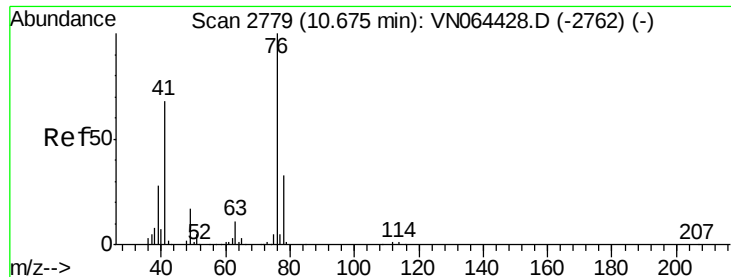
MMDadoda
 11/18/2020 5:15:11 PM



#56
 Ethyl methacrylate
 Concen: 15.435 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064674.D
 Acq: 17 Nov 2020 12:31

Tgt Ion:	69	Resp:	81339
Ion	Ratio	Lower	Upper
69	100		
41	73.6	59.3	88.9
39	49.9	35.4	53.0





#57

1,3-Dichloropropane

Concen: 17.686 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBS01

Tot Ion: 76 Resp: 108130

Ion Ratio Lower Upper

76 100

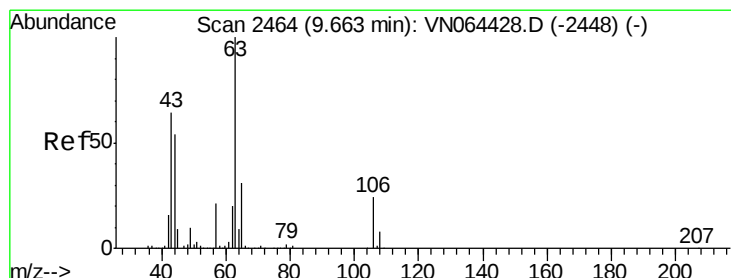
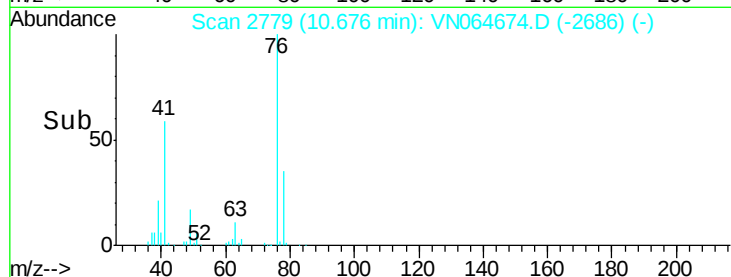
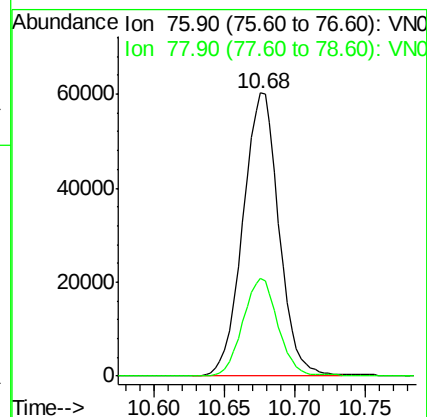
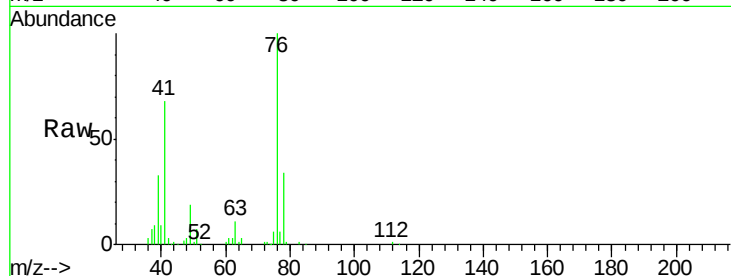
78 33.2 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 93.208 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064674.D

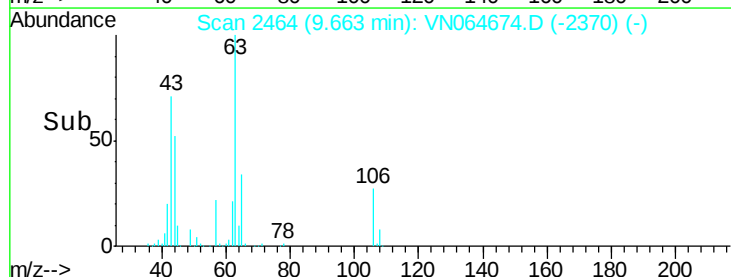
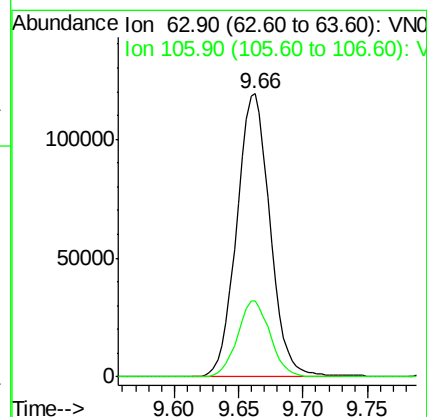
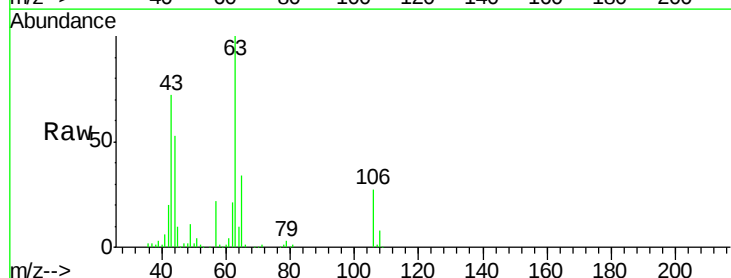
Acq: 17 Nov 2020 12:31

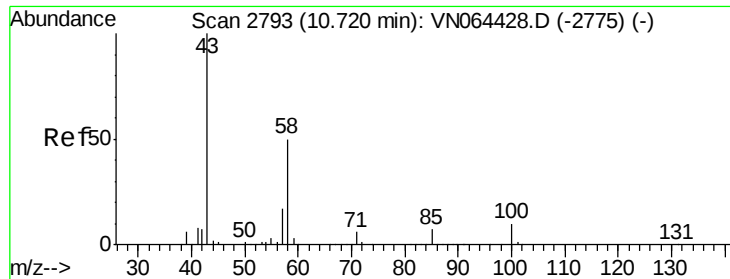
Tgt Ion: 63 Resp: 213566

Ion Ratio Lower Upper

63 100

106 26.5 19.5 29.3





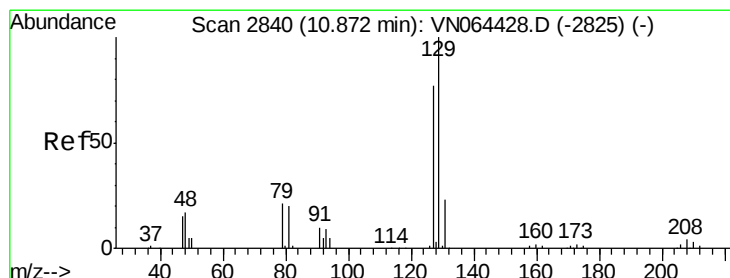
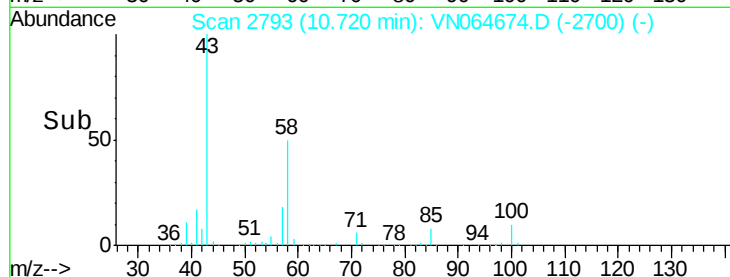
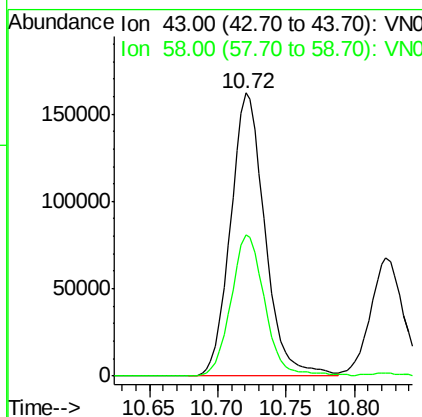
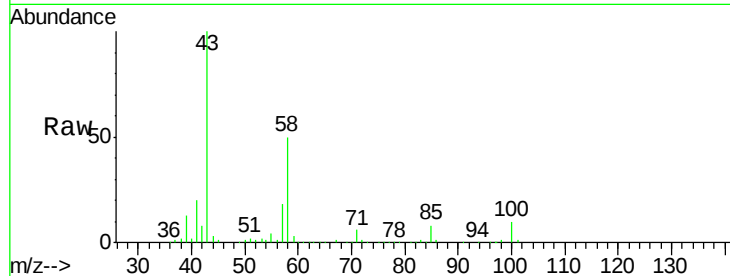
#59
2-Hexanone
Concen: 75.990 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN064674.D
Acq: 17 Nov 2020 12:31

Instrument :
MSVOA_N
ClientSampleId :
VN1117WS01

Tot Ion: 43 Resp: 282466
Ion Ratio Lower Upper
43 100
58 49.3 24.7 74.1

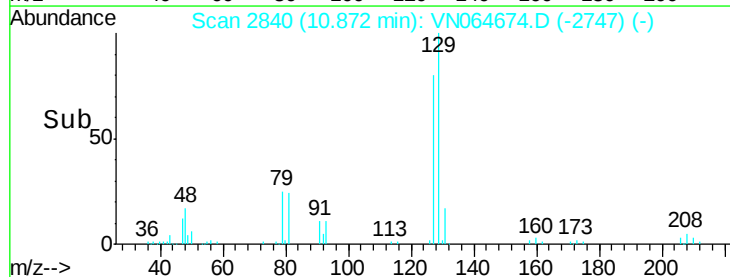
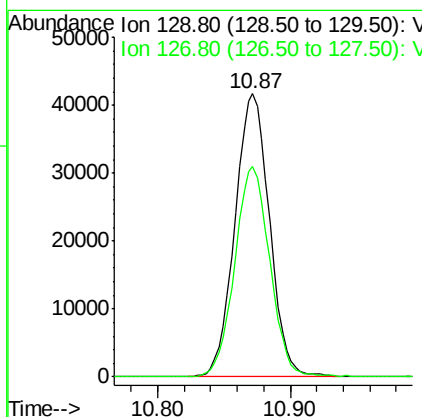
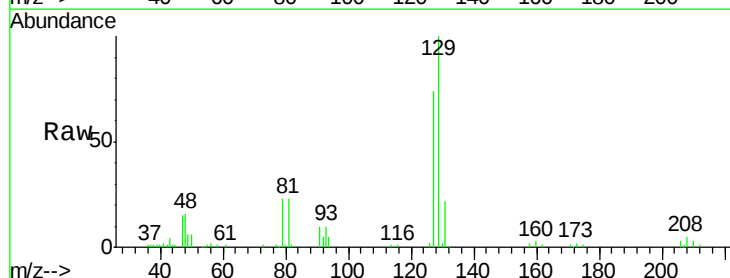
Manual Integrations
APPROVED

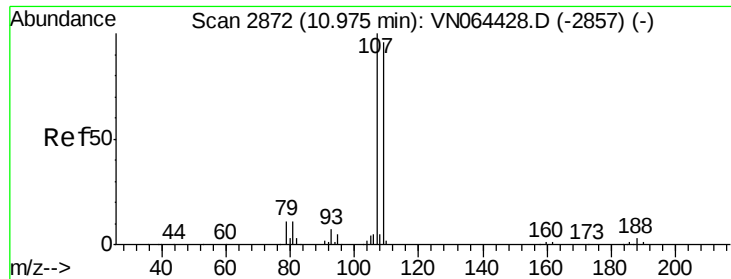
MMDadoda
11/18/2020 5:15:11 PM



#60
Dibromochloromethane
Concen: 19.242 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN064674.D
Acq: 17 Nov 2020 12:31

Tgt Ion: 129 Resp: 75460
Ion Ratio Lower Upper
129 100
127 75.5 38.9 116.7





#61

1,2-Dibromoethane

Concen: 18.405 ug/l

RT: 10.97 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBS01

Tot Ion: 107 Resp: 65389

Ion Ratio Lower Upper

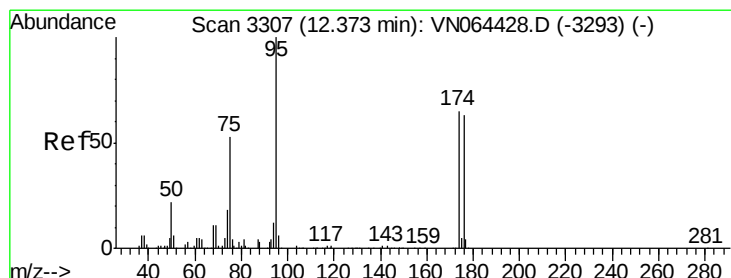
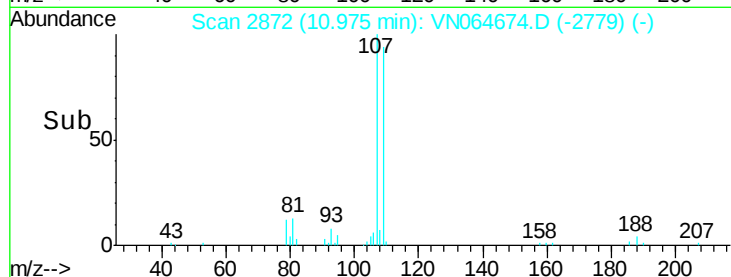
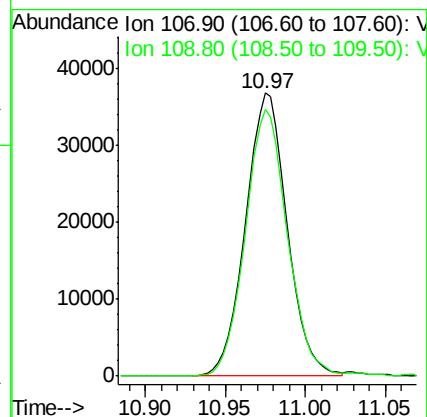
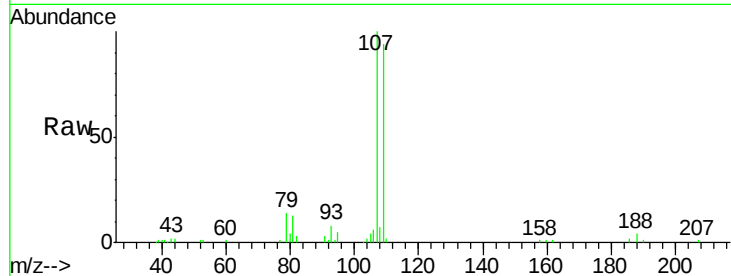
107 100

109 94.9 75.9 113.9

Manual Integrations
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11/18/2020 5:15:11 PM



#62

4-Bromofluorobenzene

Concen: 46.152 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

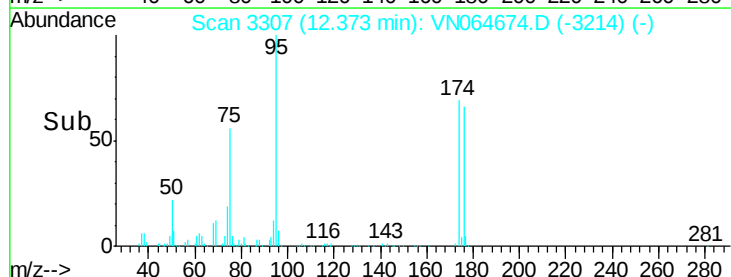
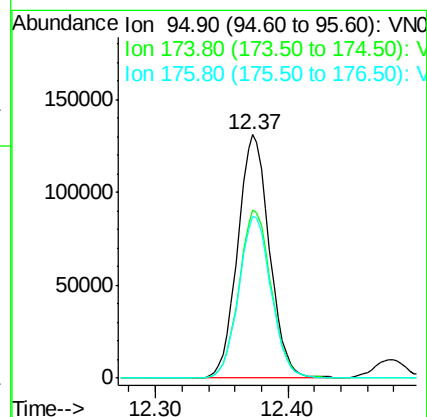
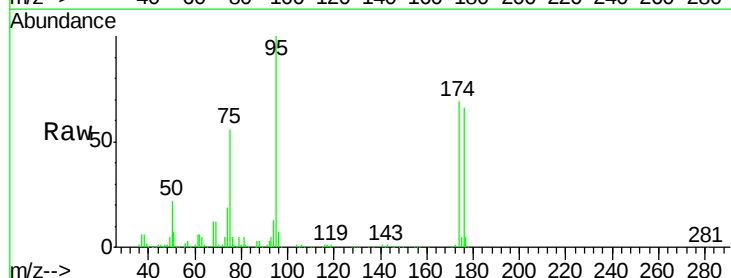
Tgt Ion: 95 Resp: 217880

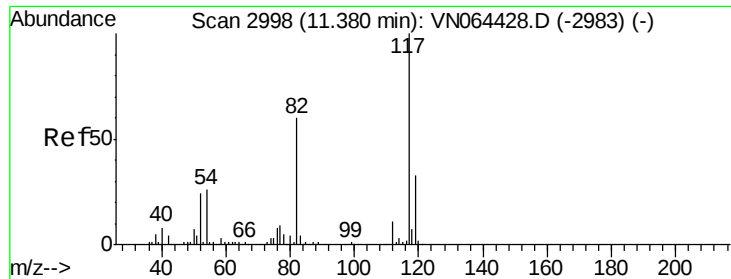
Ion Ratio Lower Upper

95 100

174 70.6 0.0 132.6

176 67.9 0.0 129.2





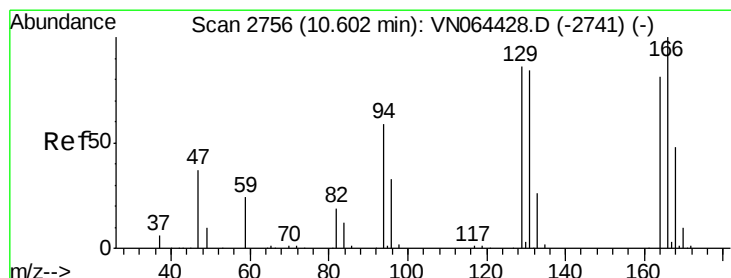
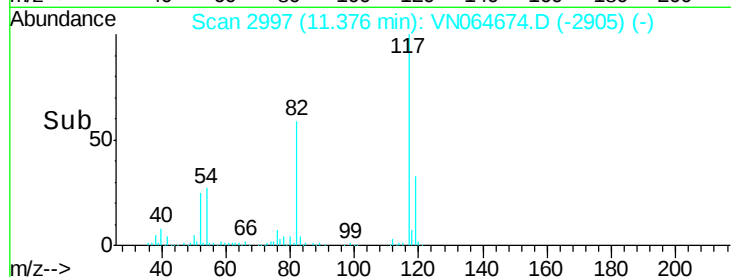
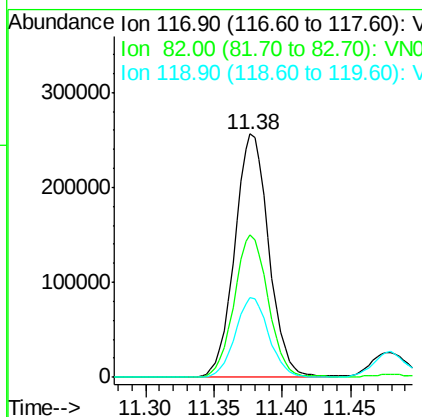
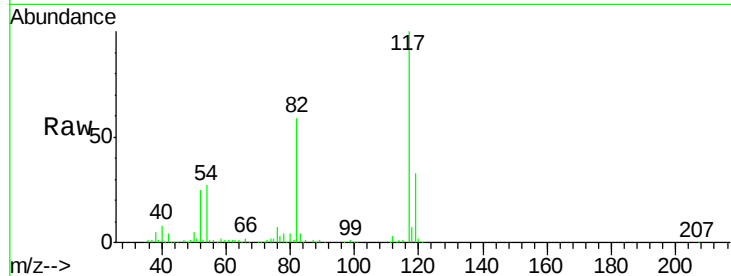
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN064674.D
Acq: 17 Nov 2020 12:31

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	443866		
82	58.7		48.1	72.1
119	32.5		26.2	39.4

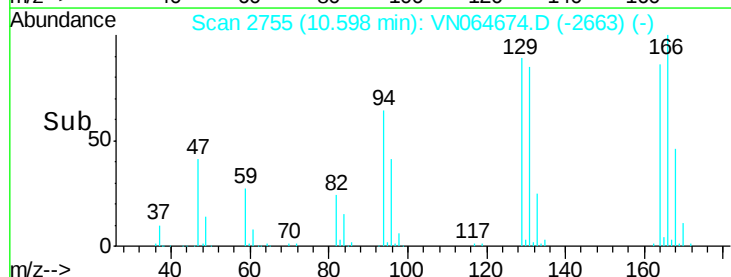
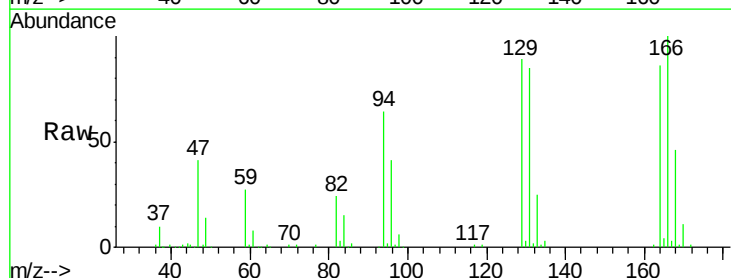
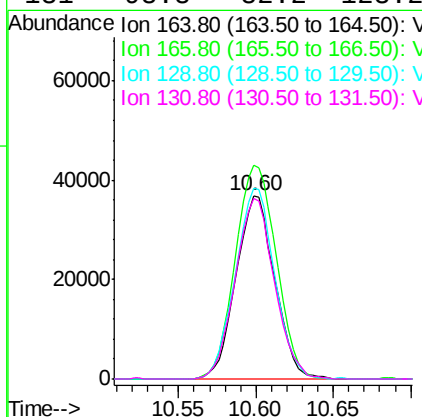
Manual Integrations
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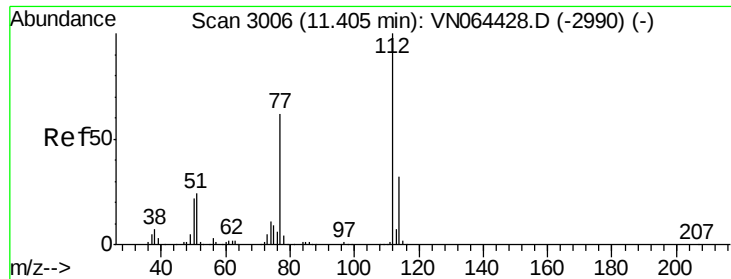
MMDadoda
11/18/2020 5:15:11 PM



#64
Tetrachloroethene
Concen: 18.683 ug/l
RT: 10.60 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN064674.D
Acq: 17 Nov 2020 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	63880		
166	116.7		98.2	147.2
129	104.1		84.6	127.0
131	98.8		82.2	123.2





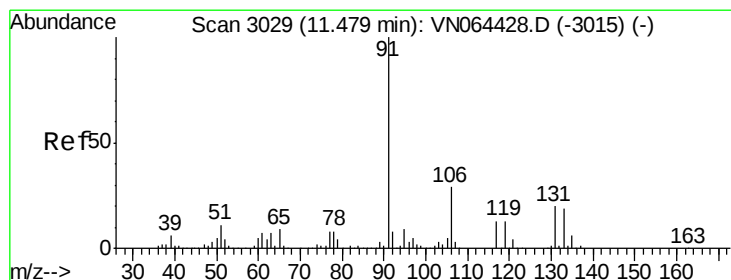
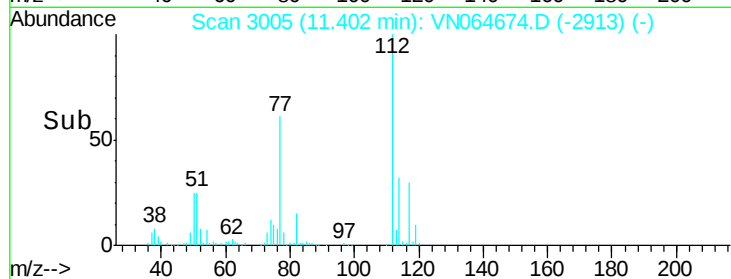
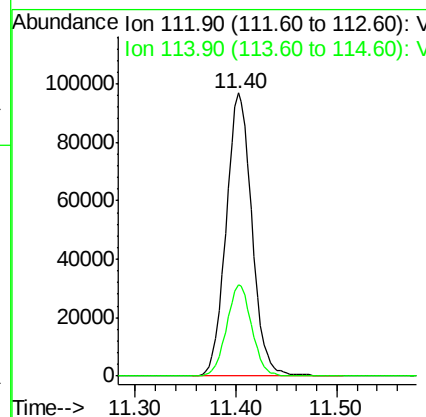
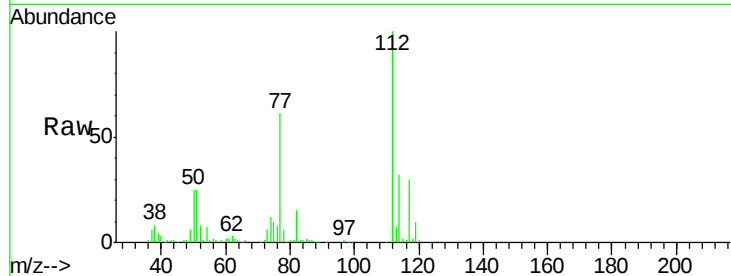
#65
Chlorobenzene
Concen: 17.792 ug/l
RT: 11.40 min Scan# 3005
Delta R.T. -0.00 min
Lab File: VN064674.D
Acq: 17 Nov 2020 12:31

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBS01

Tot Ion:112 Resp: 173127
Ion Ratio Lower Upper
112 100
114 32.4 25.6 38.4

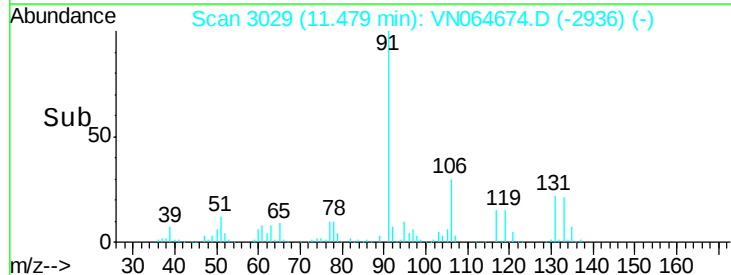
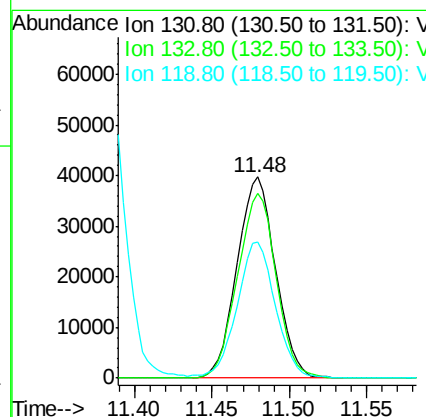
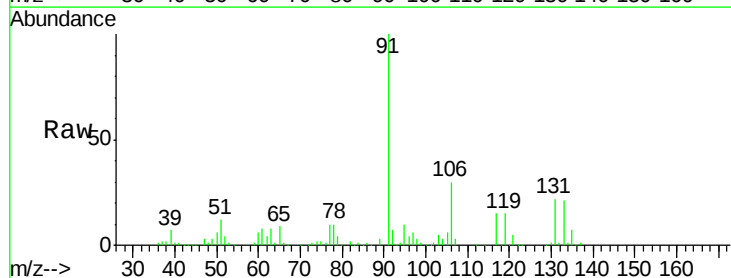
Manual Integrations
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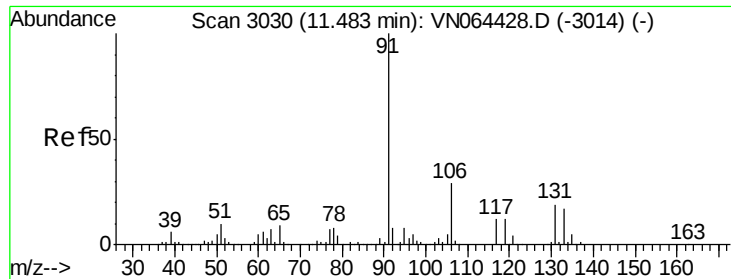
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.942 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN064674.D
Acq: 17 Nov 2020 12:31

Tgt Ion:131 Resp: 68762
Ion Ratio Lower Upper
131 100
133 92.0 46.9 140.7
119 67.5 32.1 96.5





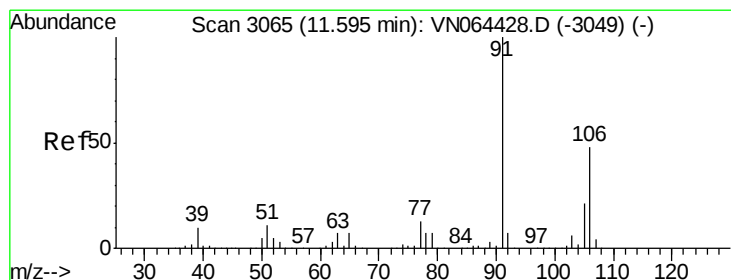
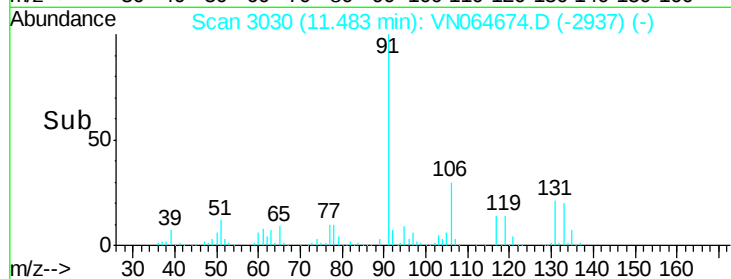
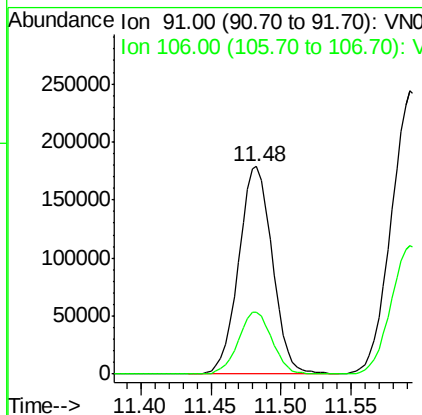
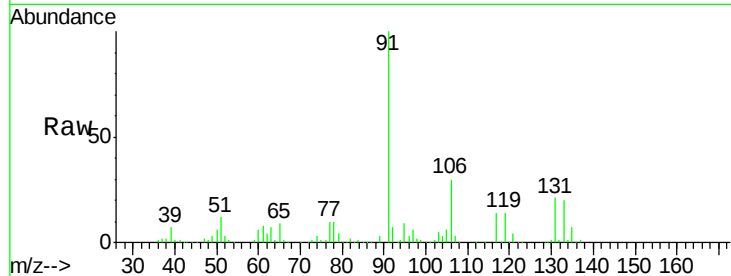
#67
Ethyl Benzene
Concen: 17.352 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064674.D
Acq: 17 Nov 2020 12:31

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBS01

Tot Ion: 91 Resp: 300335
Ion Ratio Lower Upper
91 100
106 30.0 23.6 35.4

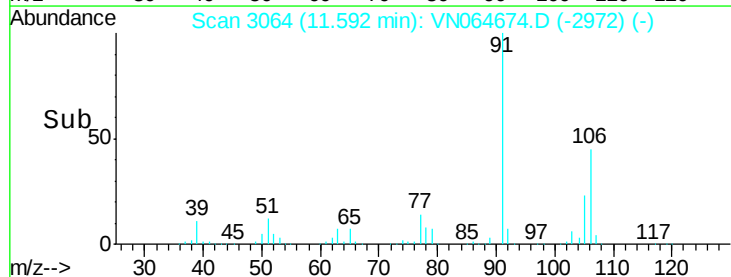
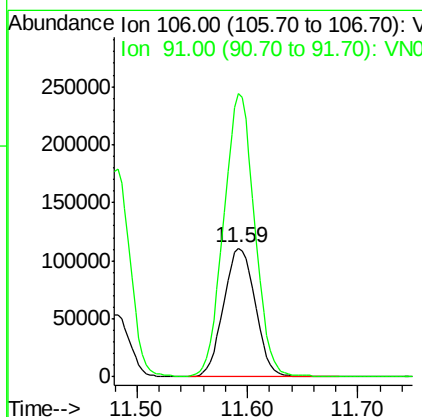
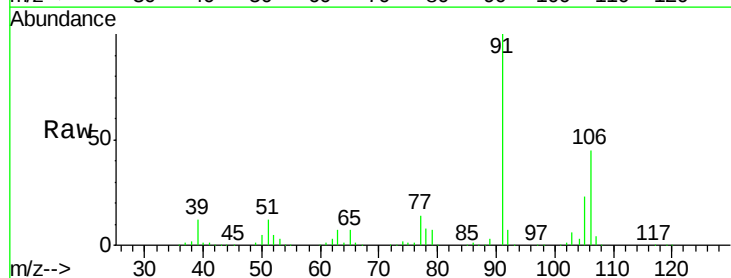
Manual Integrations
APPROVED

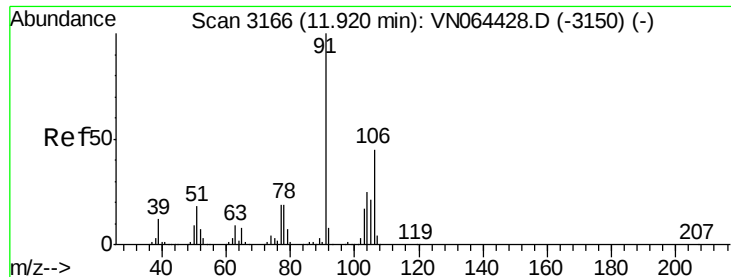
MMDadoda
11/18/2020 5:15:11 PM



#68
m/p-Xylenes
Concen: 35.317 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064674.D
Acq: 17 Nov 2020 12:31

Tgt Ion: 106 Resp: 221682
Ion Ratio Lower Upper
106 100
91 213.4 169.4 254.2





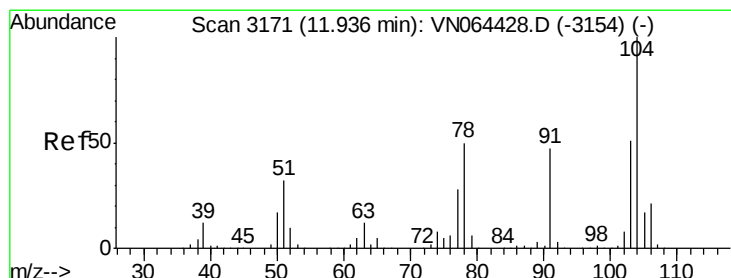
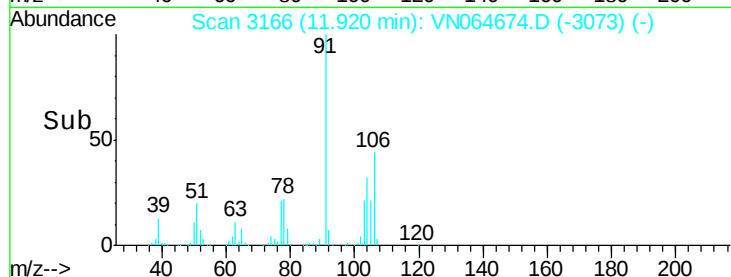
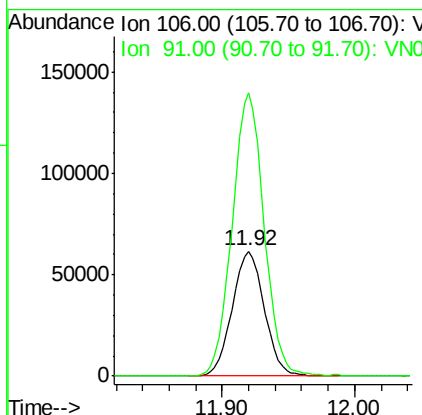
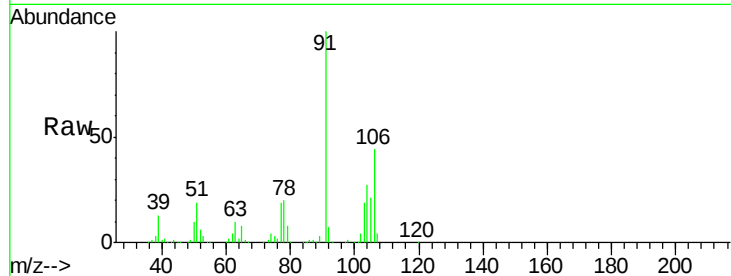
#69
o-Xylene
Concen: 17.123 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064674.D
Acq: 17 Nov 2020 12:31

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBS01

Tot Ion:106 Resp: 103859
Ion Ratio Lower Upper
106 100
91 224.4 111.7 334.9

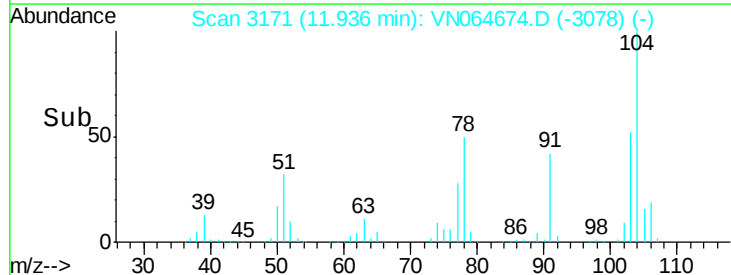
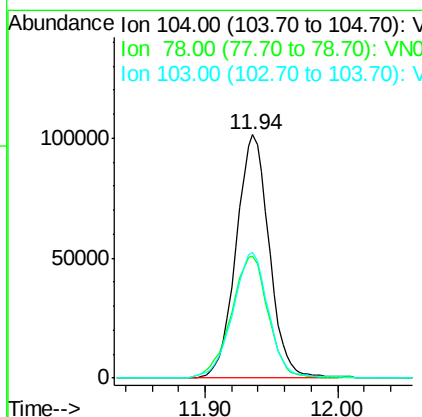
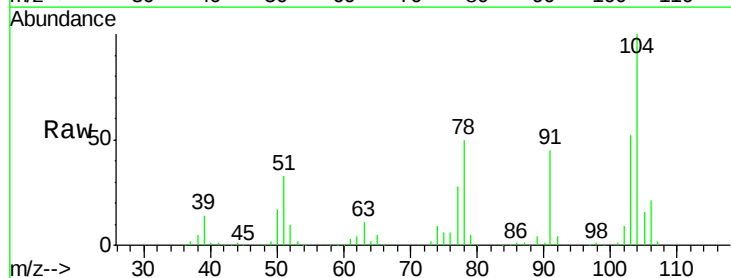
Manual Integrations
APPROVED

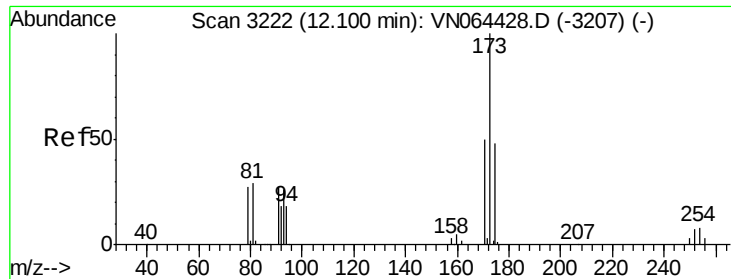
MMDadoda
11/18/2020 5:15:11 PM



#70
Styrene
Concen: 17.259 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064674.D
Acq: 17 Nov 2020 12:31

Tgt Ion:104 Resp: 176157
Ion Ratio Lower Upper
104 100
78 55.8 44.0 66.0
103 55.7 43.8 65.6





#71

Bromoform

Concen: 17.652 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

Instrument :

MSVOA_N

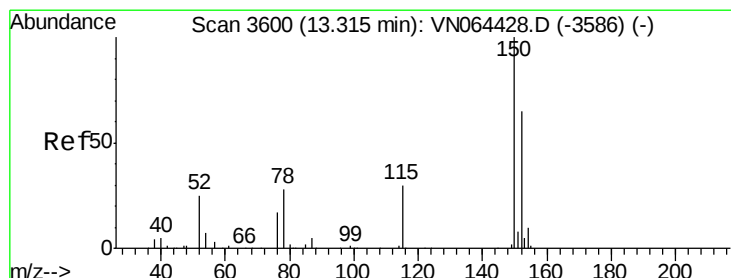
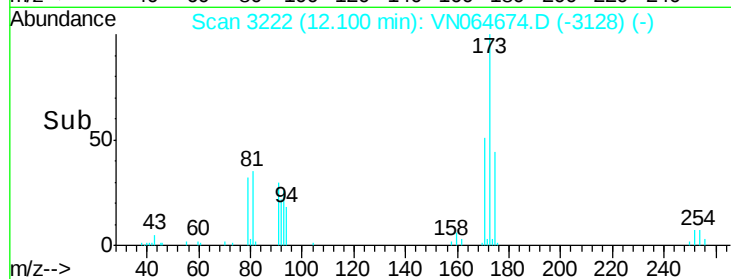
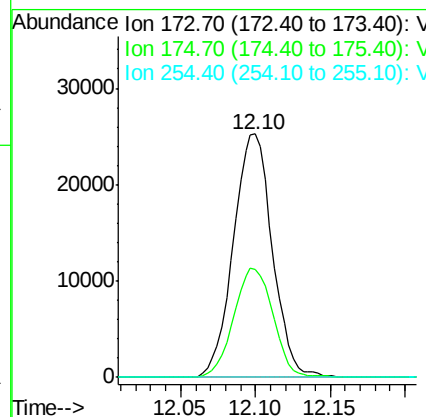
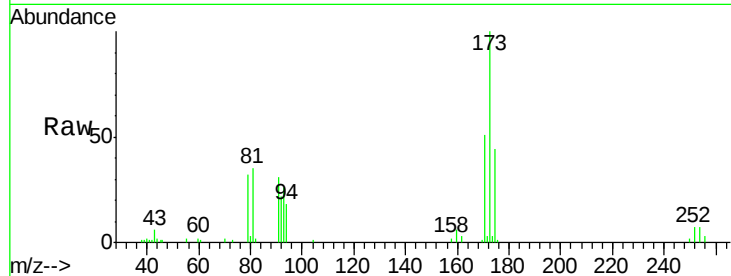
ClientSampleId :

VN1117WBS01

Tot Ion:	173	Resp:	45807
Ion Ratio	Lower	Upper	
173	100		
175	45.1	23.7	71.1
254	0.0	0.0	0.0

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

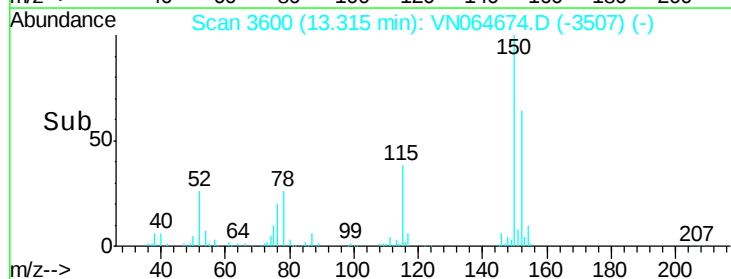
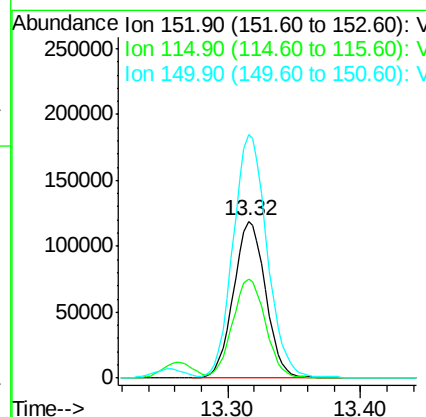
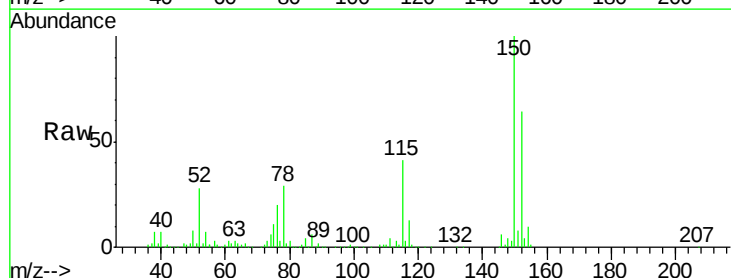
RT: 13.32 min Scan# 3600

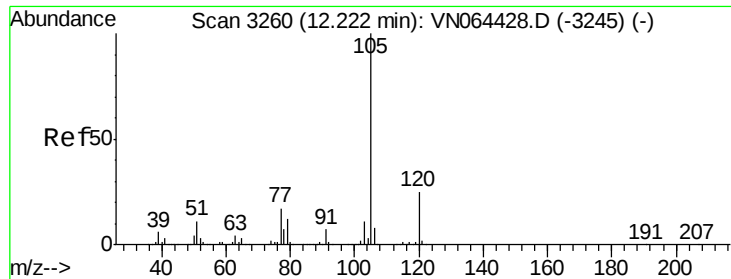
Delta R.T. 0.00 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

Tgt Ion:	152	Resp:	200700
Ion Ratio	Lower	Upper	
152	100		
115	63.7	32.0	96.0
150	163.6	0.0	353.8





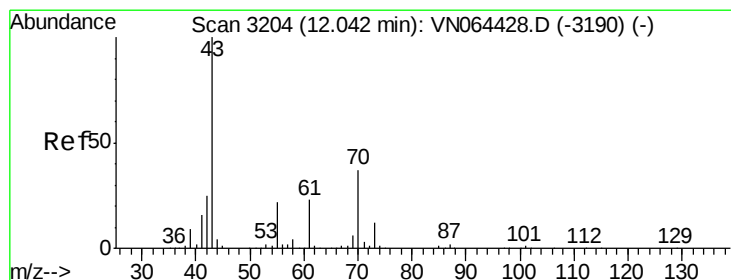
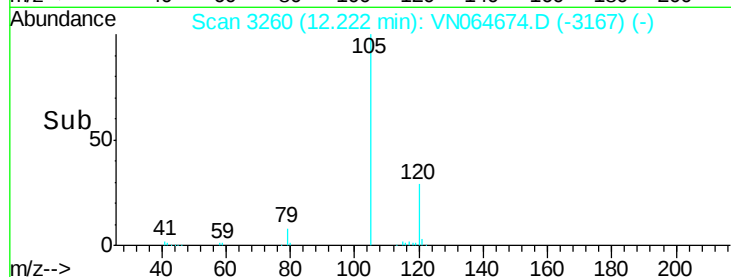
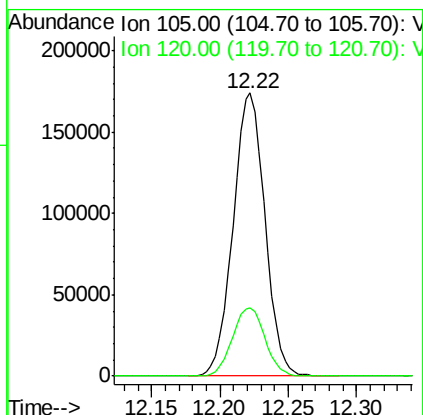
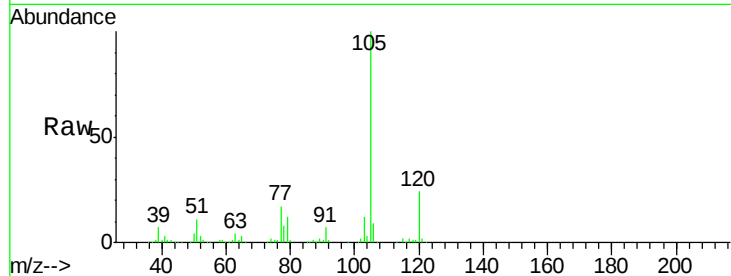
#73
Isopropylbenzene
Concen: 17.682 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN064674.D
Acq: 17 Nov 2020 12:31

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	24.7	12.8	38.3

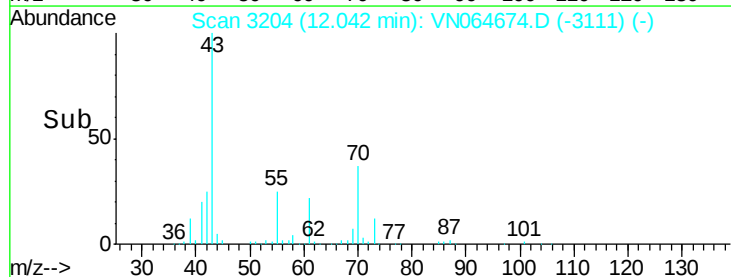
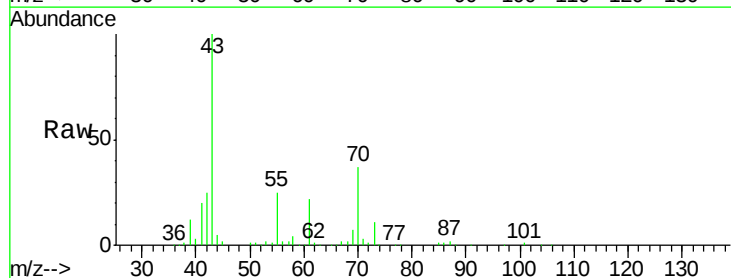
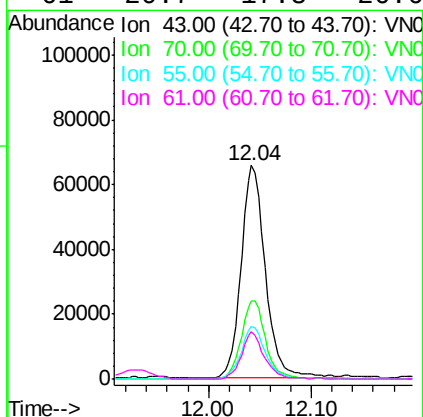
Manual Integrations
APPROVED

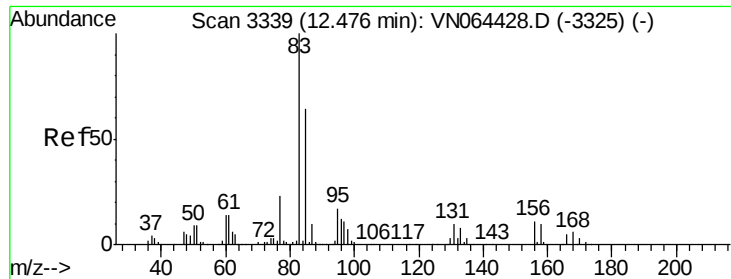
MMDadoda
11/18/2020 5:15:11 PM



#74
N-ethyl acetate
Concen: 14.849 ug/l
RT: 12.04 min Scan# 3204
Delta R.T. 0.00 min
Lab File: VN064674.D
Acq: 17 Nov 2020 12:31

Tgt Ion	Ratio	Lower	Upper
43	100		
70	36.9	29.6	44.4
55	24.5	18.4	27.6
61	20.7	17.8	26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 17.881 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

Instrument :

MSVOA_N

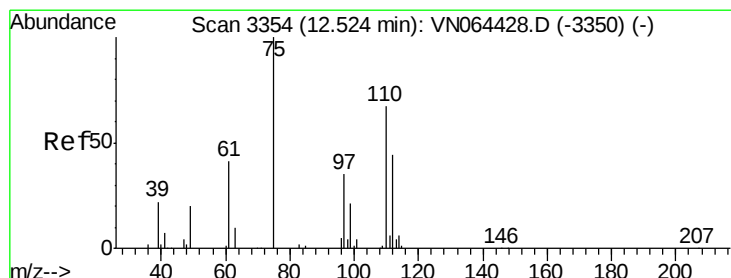
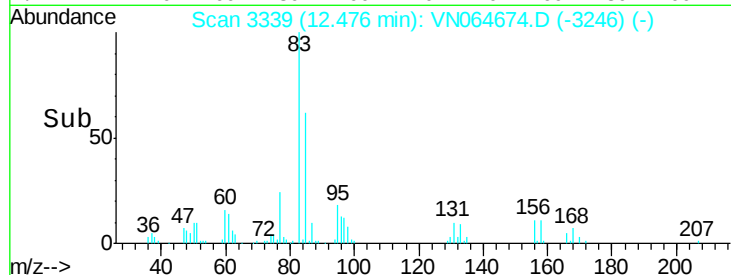
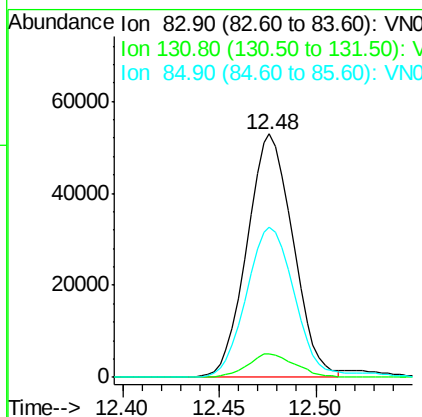
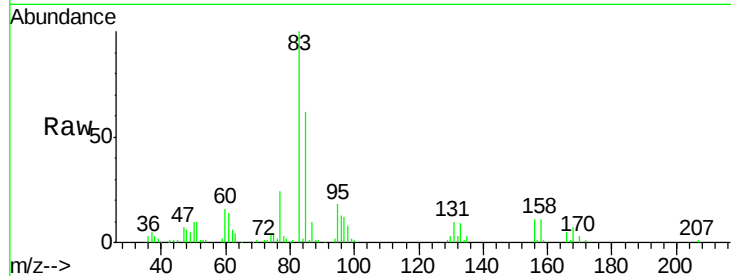
ClientSampleId :

VN1117WBS01

Tot Ion:	83	Resp:	87613
Ion Ratio	Lower	Upper	
83	100		
131	10.0	4.9	14.7
85	64.3	32.1	96.5

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#76

1,2,3-Trichloropropane

Concen: 17.961 ug/l m

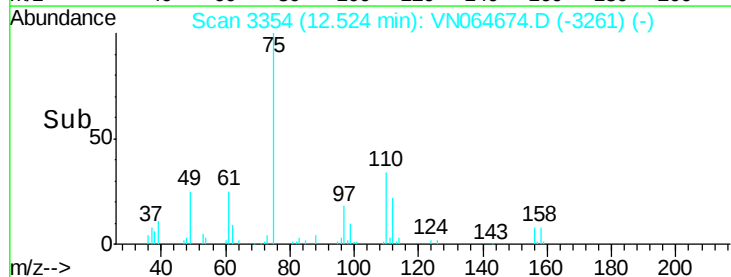
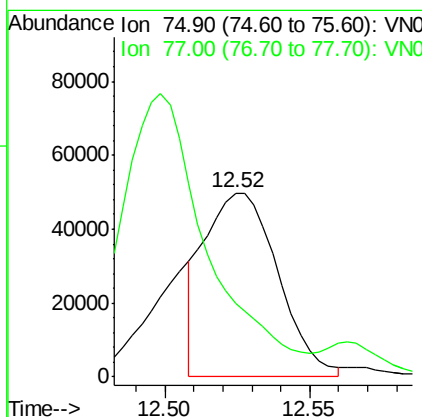
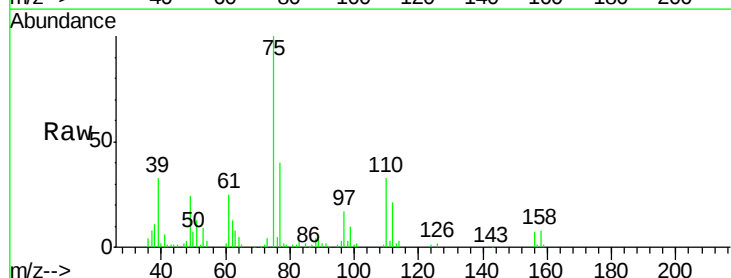
RT: 12.52 min Scan# 3354

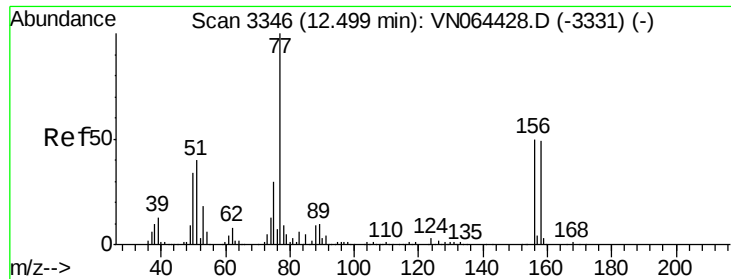
Delta R.T. 0.00 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

Tgt Ion:	75	Resp:	87342
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 17.749 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

Instrument :

MSVOA_N

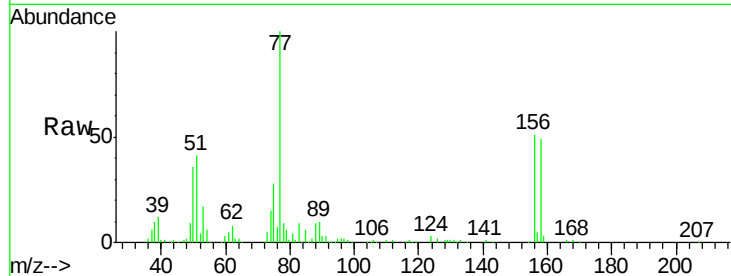
ClientSampleId :

VN1117WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	230.9	119.0	357.0
158	98.1	48.4	145.3

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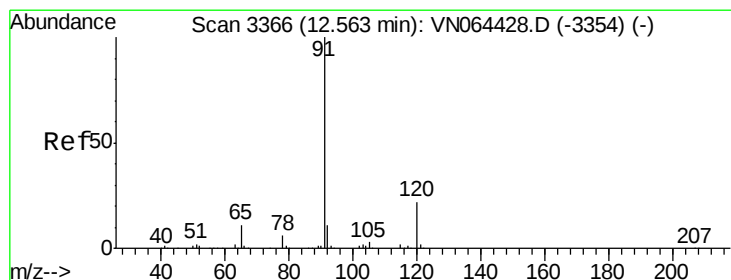
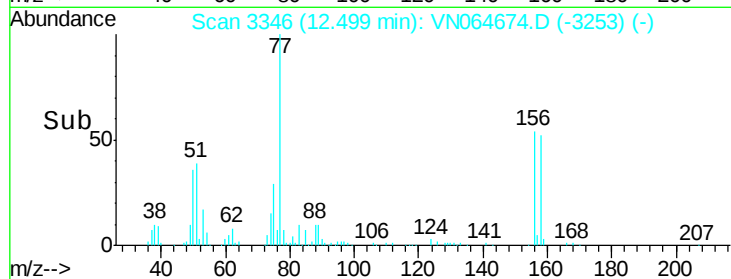
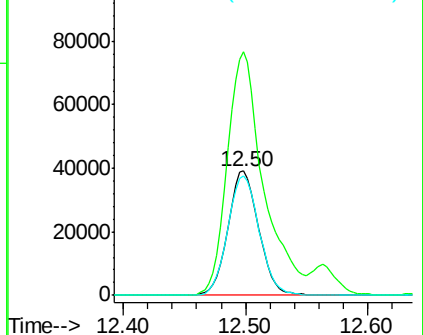
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.854 ug/l

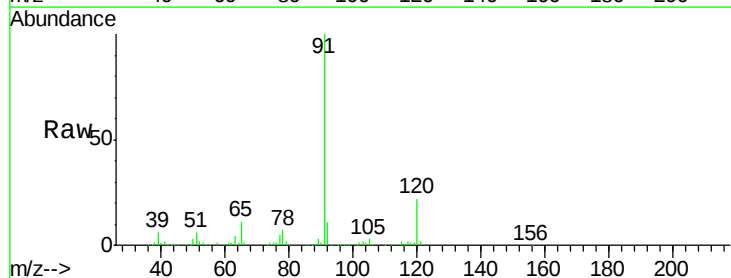
RT: 12.56 min Scan# 3366

Delta R.T. 0.00 min

Lab File: VN064674.D

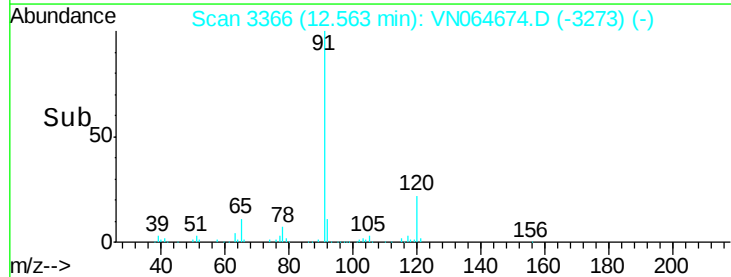
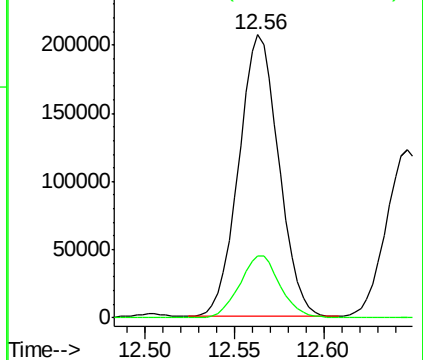
Acq: 17 Nov 2020 12:31

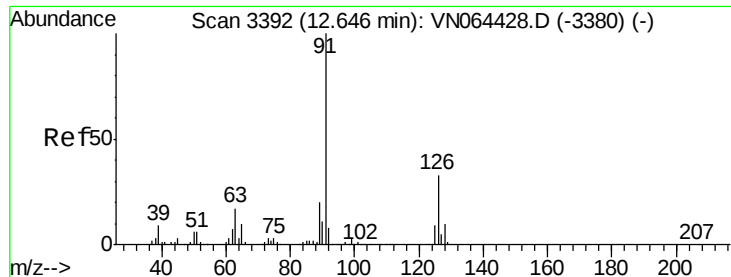
Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.0	33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.431 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBS01

Tot Ion: 91 Resp: 201063

Ion Ratio Lower Upper

91 100

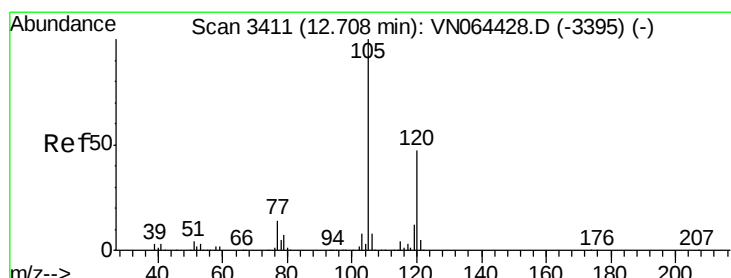
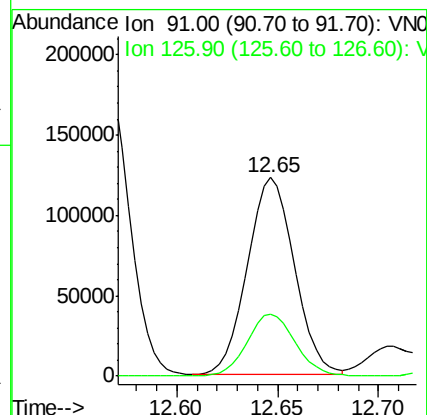
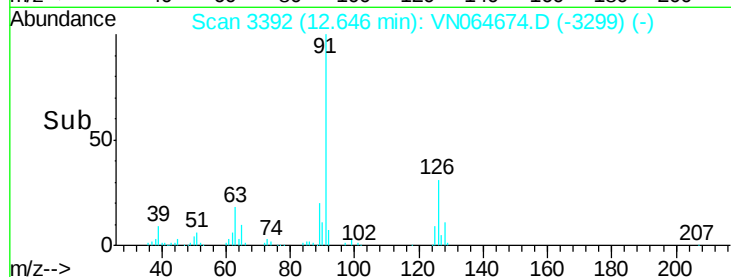
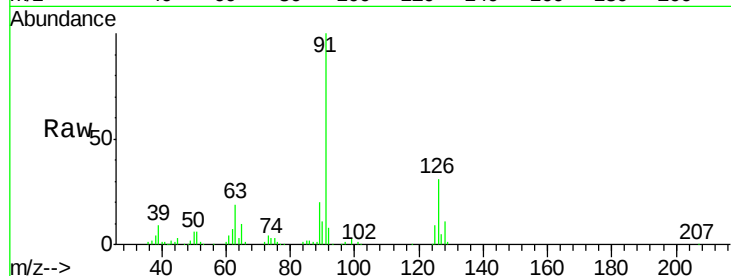
126 32.1 16.4 49.1

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#80

1,3,5-Trimethylbenzene

Concen: 18.253 ug/l

RT: 12.70 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN064674.D

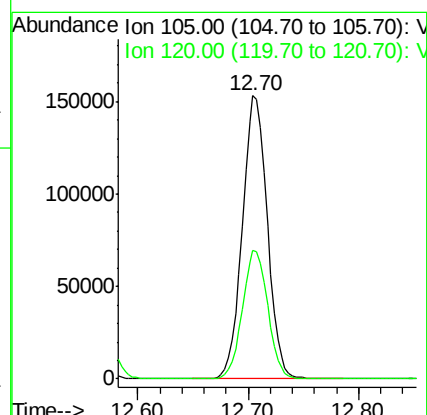
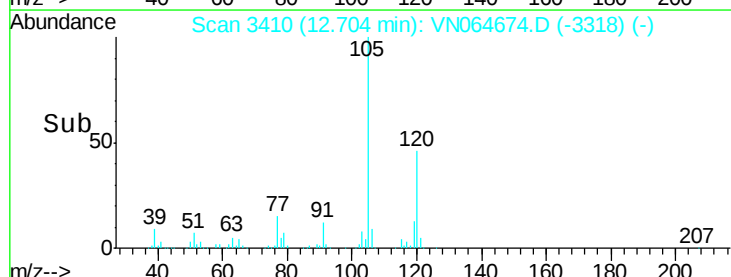
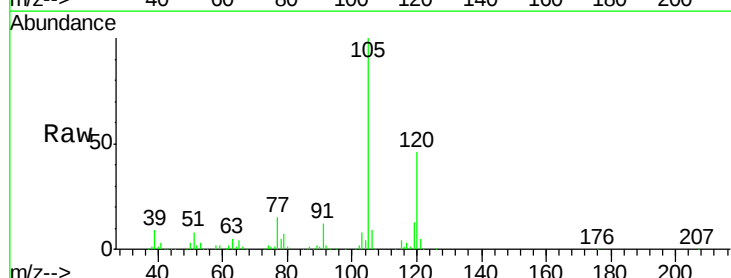
Acq: 17 Nov 2020 12:31

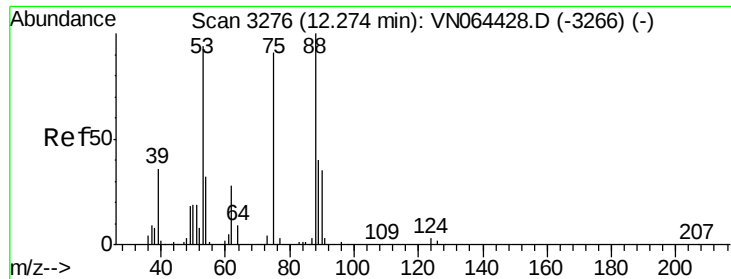
Tgt Ion: 105 Resp: 240218

Ion Ratio Lower Upper

105 100

120 46.1 23.4 70.2





#81

trans-1,4-Dichloro-2-butene

Concen: 16.108 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

Instrument :

MSVOA_N

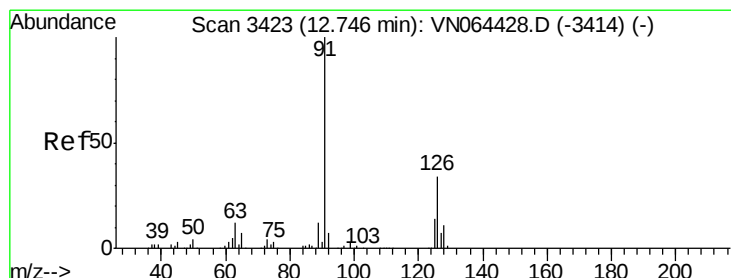
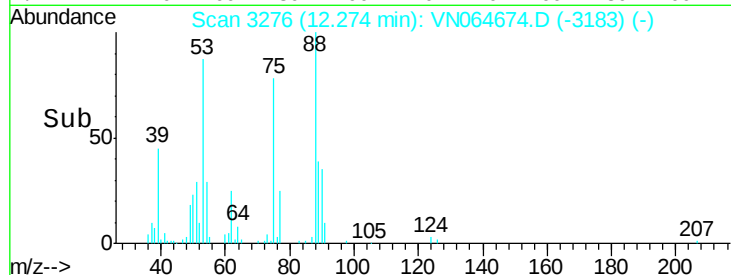
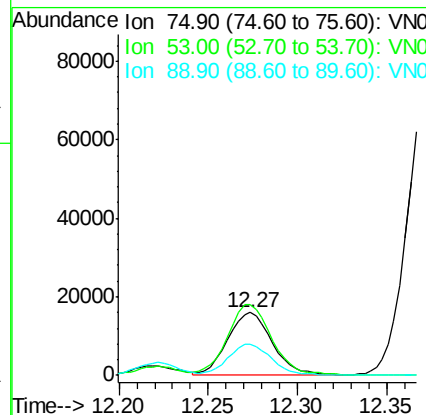
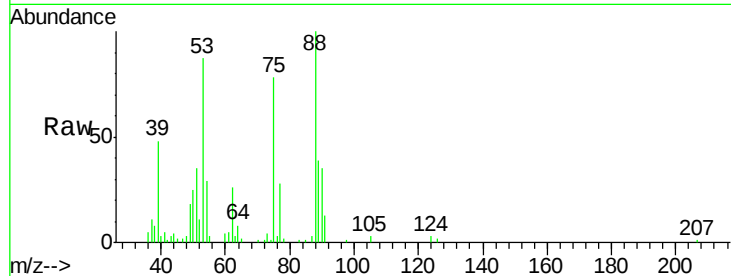
ClientSampleId :

VN1117WBS01

Tot Ion:	75	Resp:	28054
Ion	Ratio	Lower	Upper
75	100		
53	109.6	84.0	126.0
89	48.3	36.3	54.5

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#82

4-Chlorotoluene

Concen: 17.686 ug/l

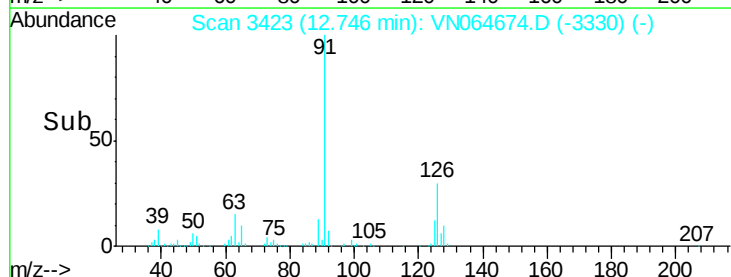
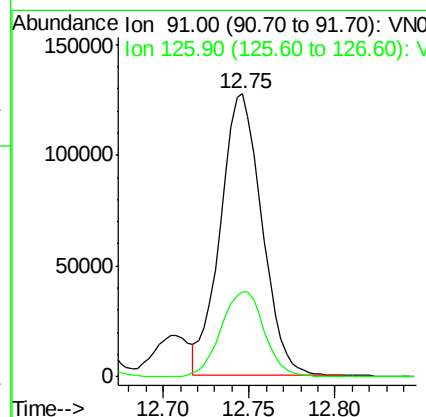
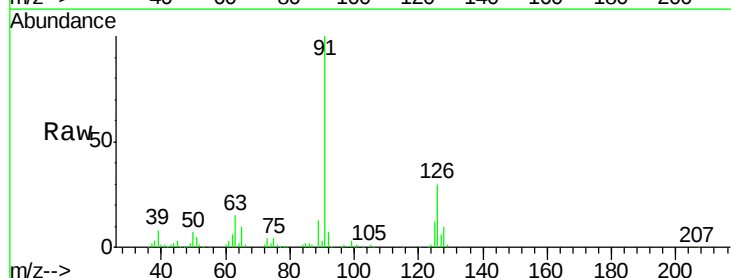
RT: 12.75 min Scan# 3423

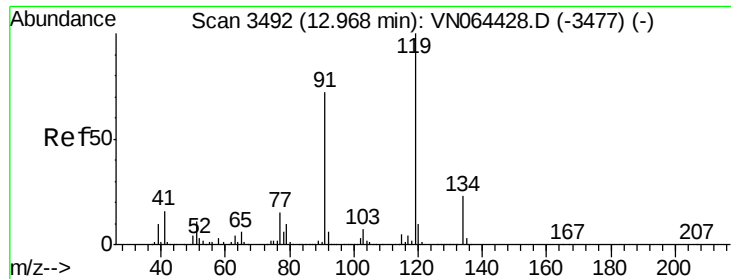
Delta R.T. 0.00 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

Tgt Ion:	91	Resp:	213644
Ion	Ratio	Lower	Upper
91	100		
126	31.6	15.4	46.2





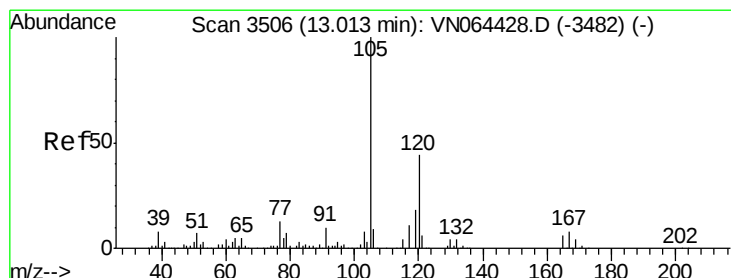
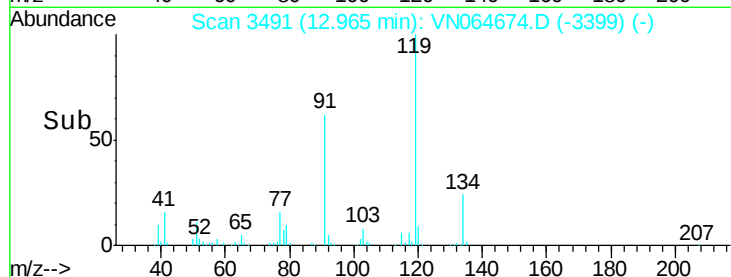
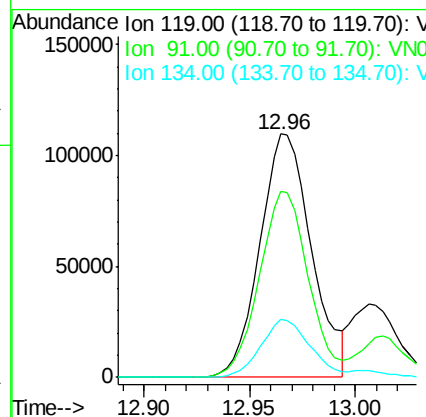
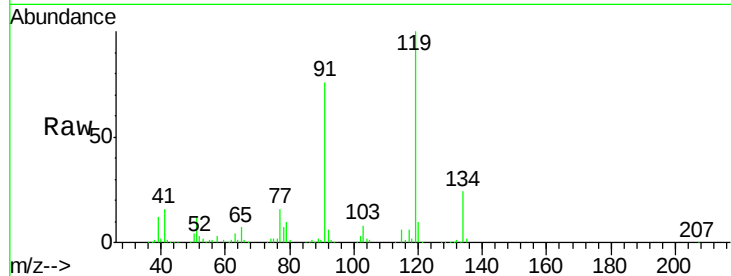
#83
tert-Butylbenzene
Concen: 18.159 ug/l
RT: 12.96 min Scan# 3491
Delta R.T. -0.00 min
Lab File: VN064674.D
Acq: 17 Nov 2020 12:31

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	186643		
91	72.5	36.1	108.3	
134	22.8	11.7	35.1	

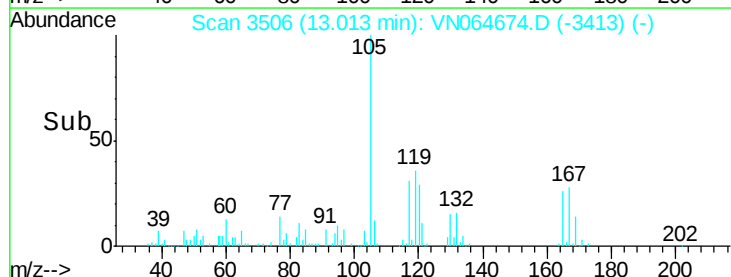
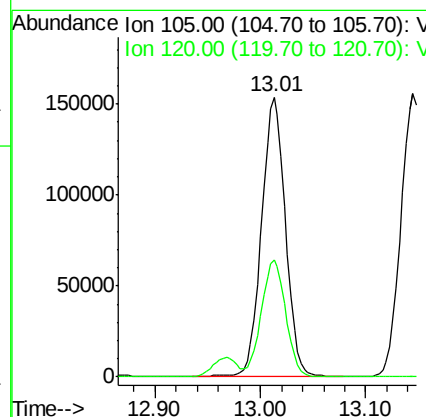
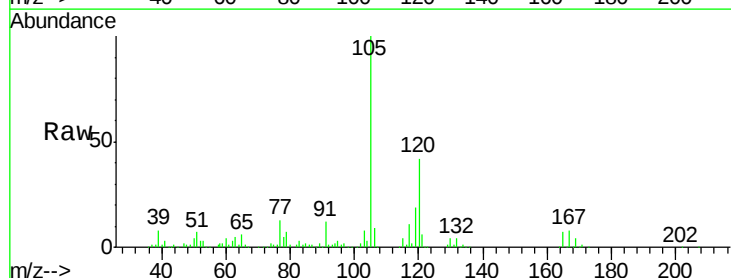
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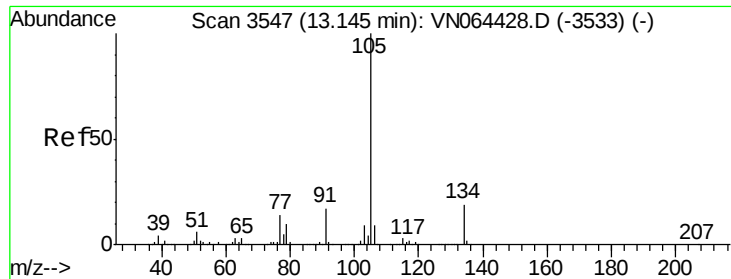
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#84
1,2,4-Trimethylbenzene
Concen: 18.513 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN064674.D
Acq: 17 Nov 2020 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	244915		
120	42.4	21.9	65.7	





#85

sec-Butylbenzene

Concen: 19.170 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBS01

Tot Ion:105 Resp: 249544

Ion Ratio Lower Upper

105 100

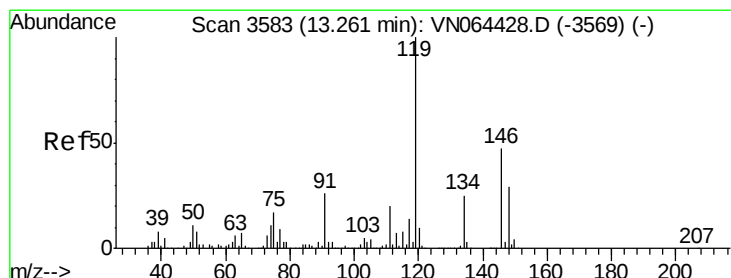
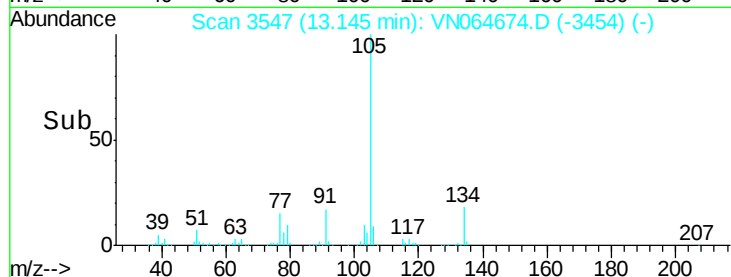
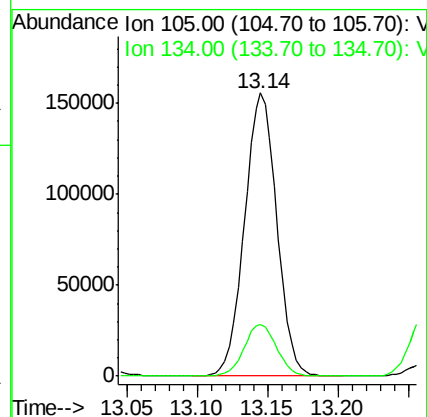
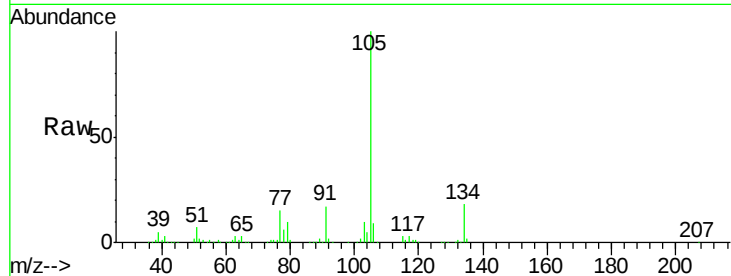
134 18.5 9.4 28.2

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#86

p-Isopropyltoluene

Concen: 18.939 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. 0.00 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

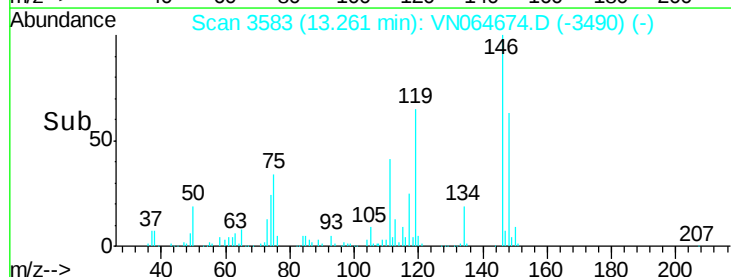
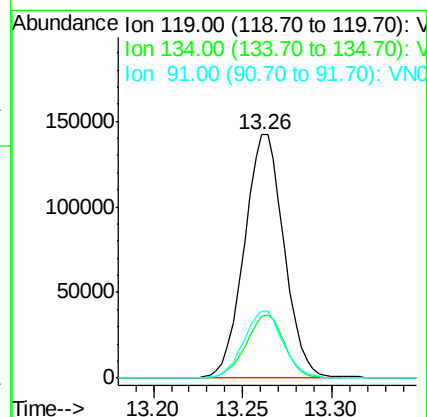
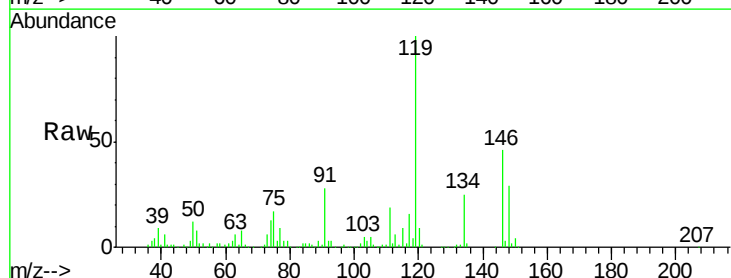
Tgt Ion:119 Resp: 221752

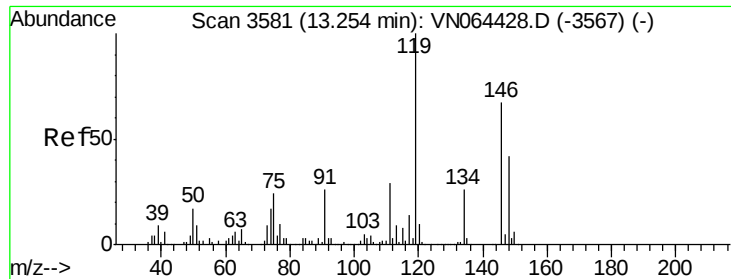
Ion Ratio Lower Upper

119 100

134 25.1 12.6 37.6

91 27.0 12.8 38.3





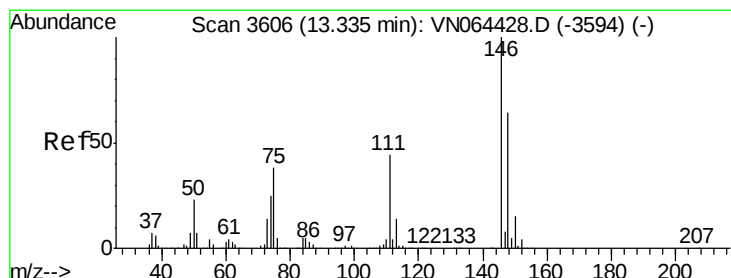
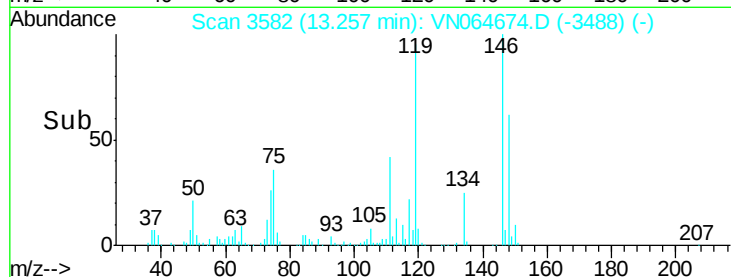
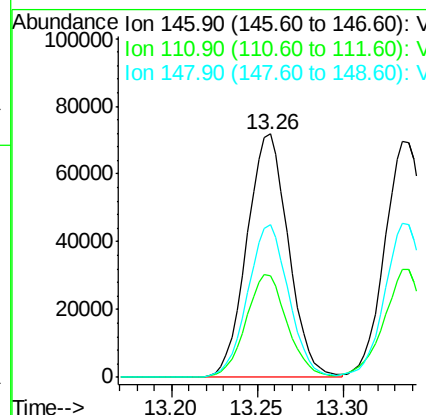
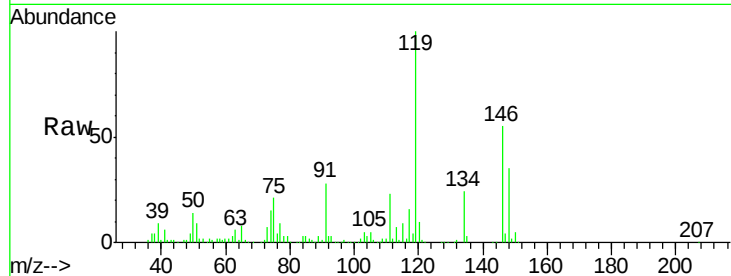
#87
 1,3-Dichlorobenzene
 Concen: 17.914 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064674.D
 Acq: 17 Nov 2020 12:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	120604		
111	42.1	22.1	66.1	
148	61.7	31.7	95.1	

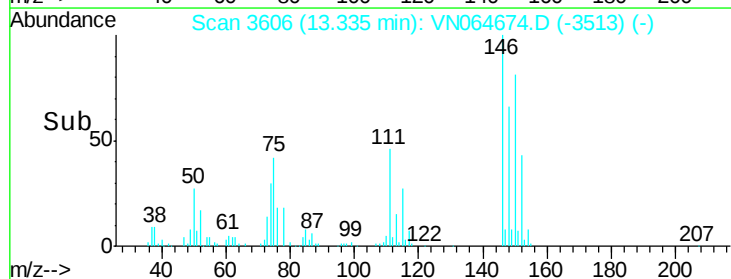
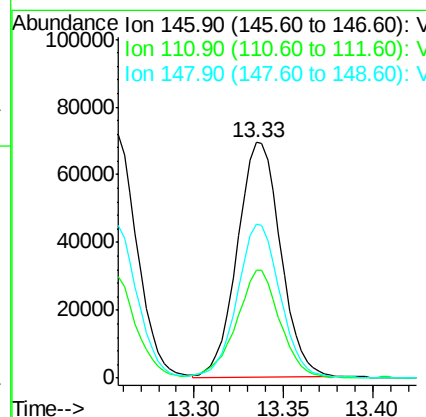
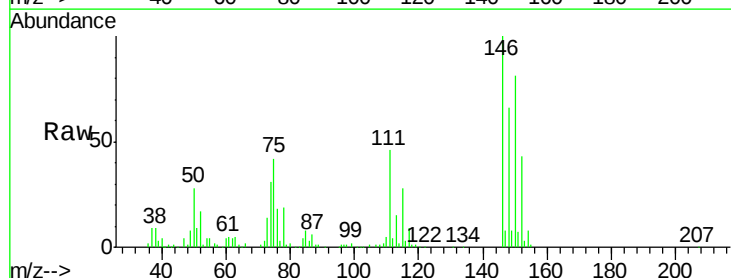
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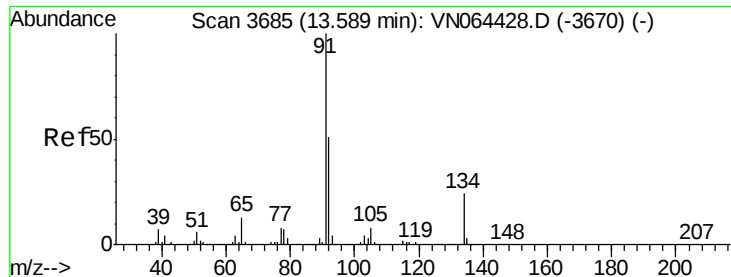
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#88
 1,4-Dichlorobenzene
 Concen: 16.863 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VN064674.D
 Acq: 17 Nov 2020 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	117322		
111	46.0	21.8	65.3	
148	64.8	32.4	97.2	





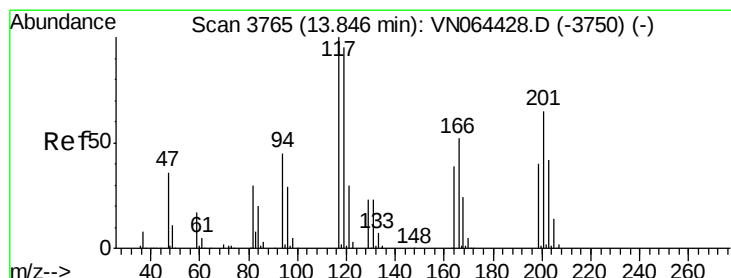
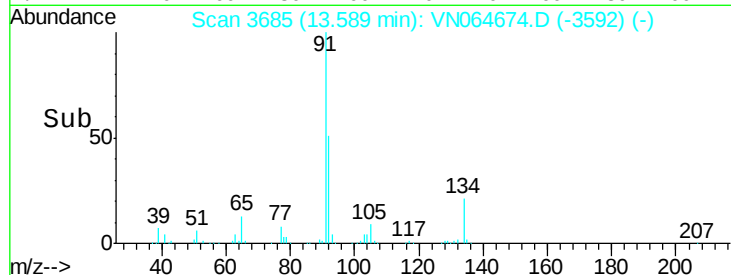
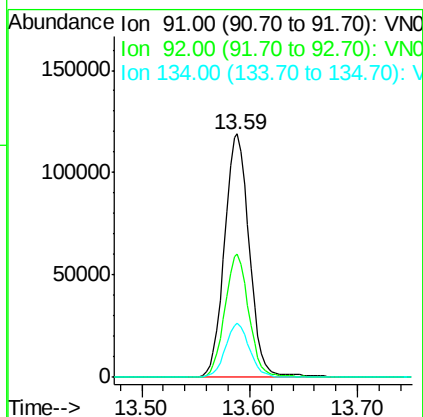
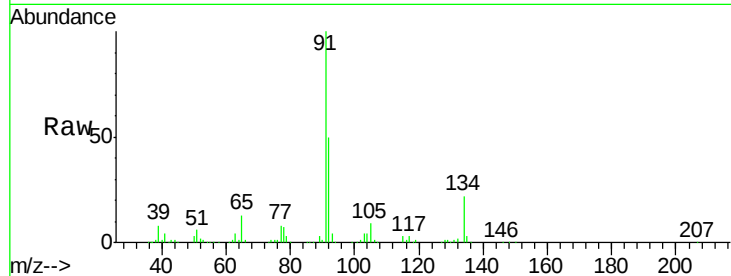
#89
n-Butylbenzene
Concen: 18.991 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064674.D
Acq: 17 Nov 2020 12:31

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	48.7	25.3	75.9
134	21.6	11.8	35.4

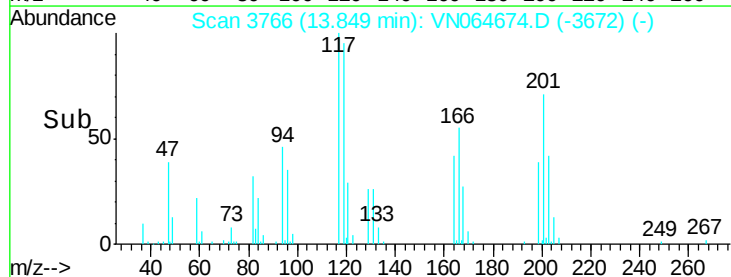
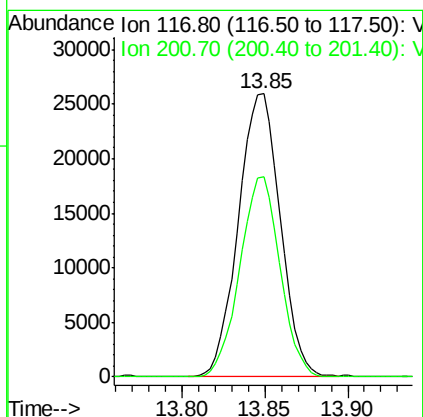
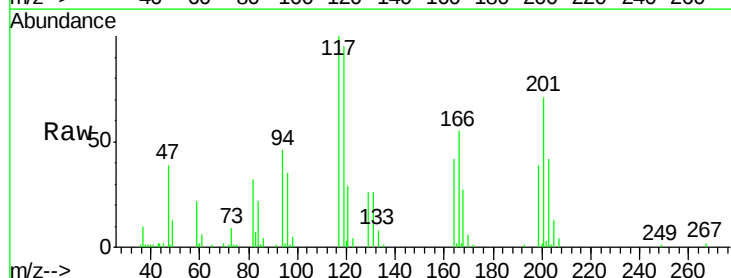
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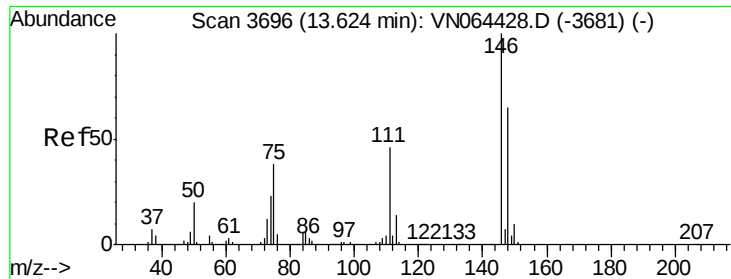
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#90
Hexachloroethane
Concen: 20.241 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064674.D
Acq: 17 Nov 2020 12:31

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.7	32.5	97.5





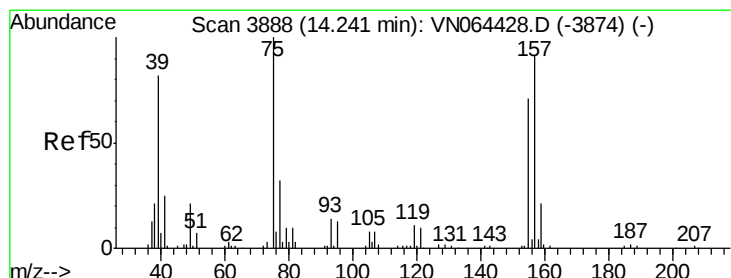
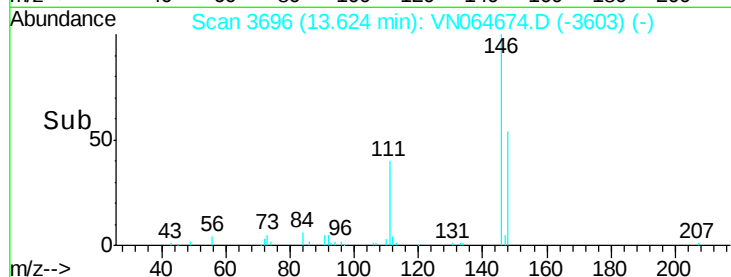
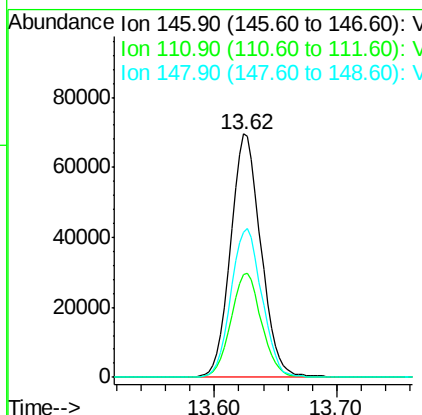
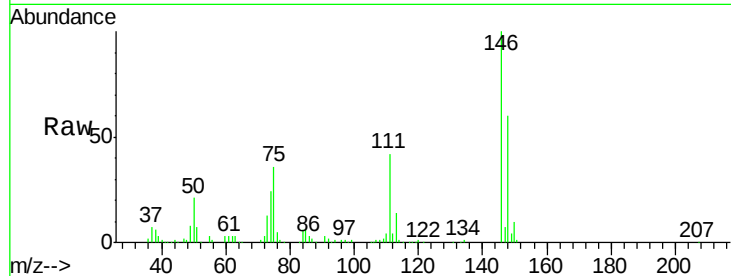
#91
 1,2-Dichlorobenzene
 Concen: 18.576 ug/l
 RT: 13.62 min Scan# 3696
 Delta R.T. 0.00 min
 Lab File: VN064674.D
 Acq: 17 Nov 2020 12:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.4	22.9	68.7
148	62.6	32.0	96.2

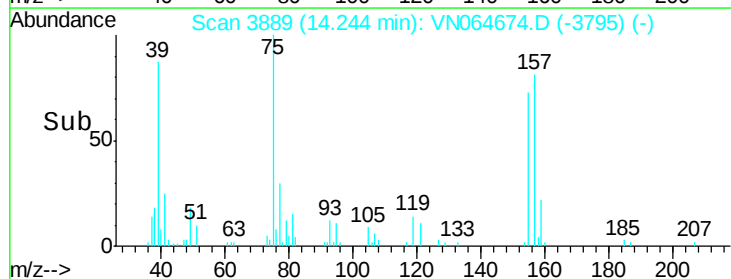
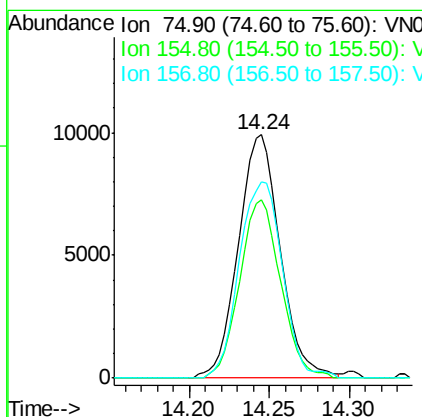
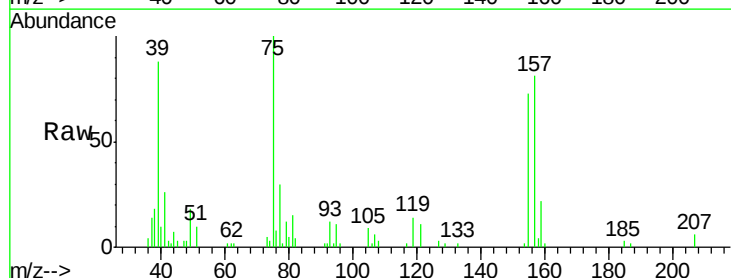
Manual Integrations
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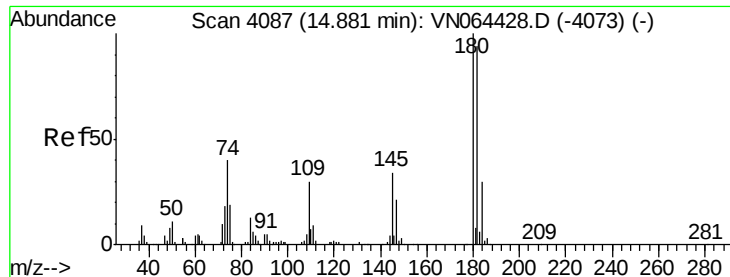
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.149 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064674.D
 Acq: 17 Nov 2020 12:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.4	34.6	103.9
157	83.2	43.0	128.8





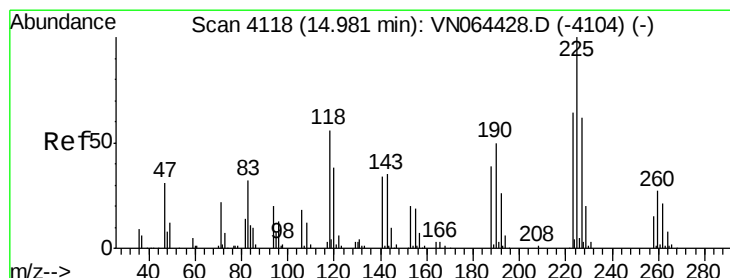
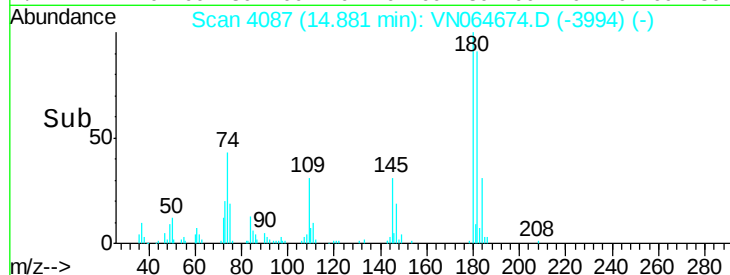
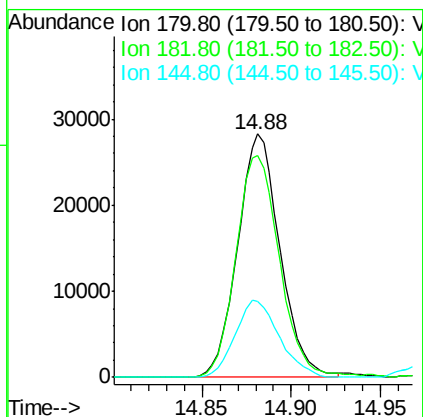
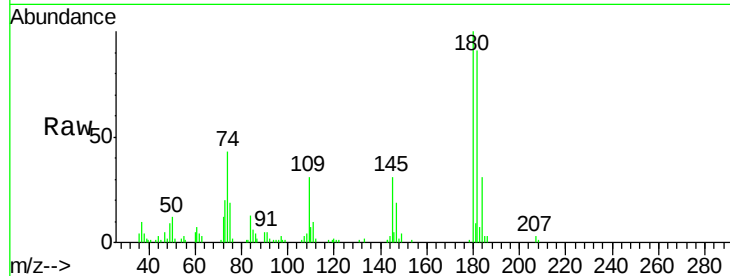
#93
 1,2,4-Trichlorobenzene
 Concen: 16.446 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064674.D
 Acq: 17 Nov 2020 12:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.3	142.0
145	33.0	16.7	50.1

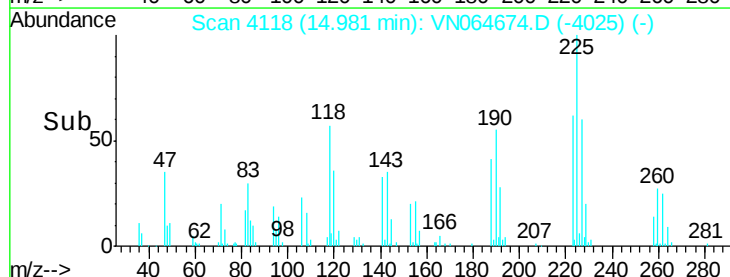
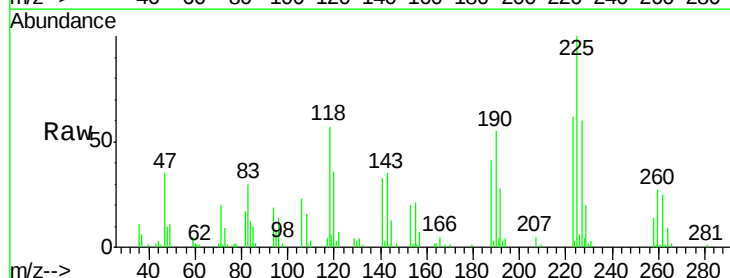
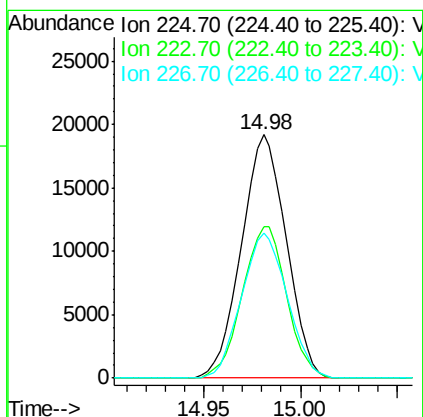
Manual Integrations
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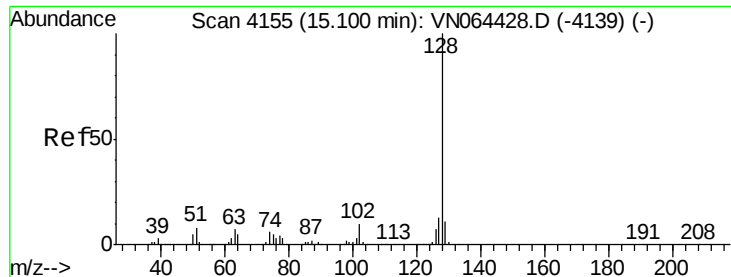
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#94
 Hexachlorobutadiene
 Concen: 23.474 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064674.D
 Acq: 17 Nov 2020 12:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	31.8	95.4
227	60.5	31.8	95.4





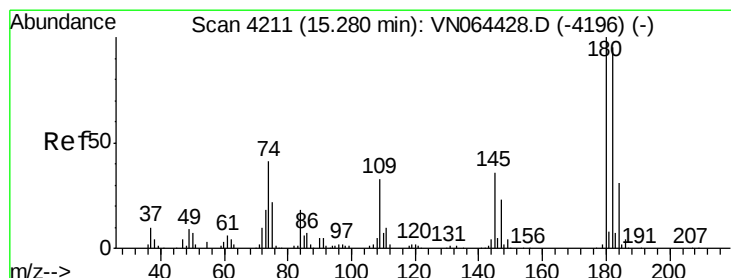
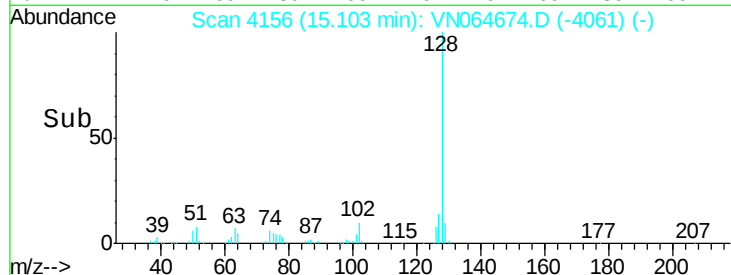
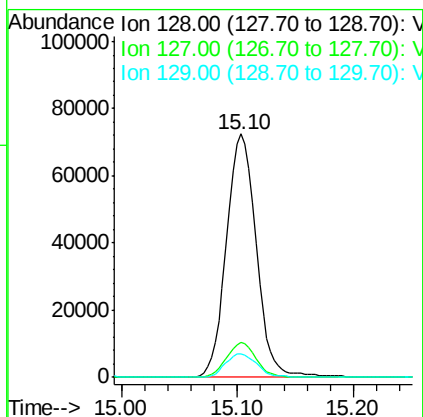
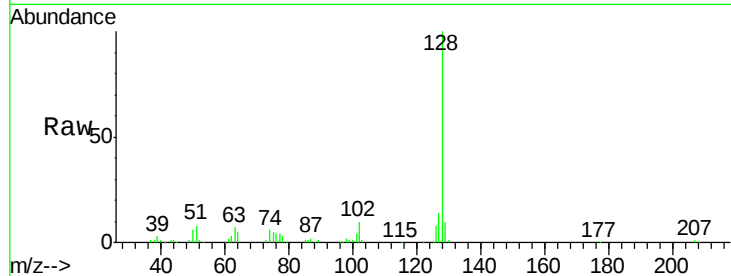
#95
Naphthalene
Concen: 14.504 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064674.D
Acq: 17 Nov 2020 12:31

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.5	15.7
129	10.3	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 17.281 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064674.D
Acq: 17 Nov 2020 12:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.2	47.7	143.1
145	37.5	18.3	54.8

