

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102120\
 Data File : VN064217.D
 Acq On : 21 Oct 2020 13:19
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102120

Manual Integrations
 APPROVED

MMDadoda
 10/22/2020 3:25:02 PM

Quant Time: Oct 21 18:12:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 21 12:48:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	288750	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	464362	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	425963	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	208179	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	202956	47.33	ug/l	0.00
Spiked Amount			Recovery	=	94.66%	
35) Dibromofluoromethane	7.55	113	145622	47.17	ug/l	0.00
Spiked Amount			Recovery	=	94.34%	
50) Toluene-d8	10.06	98	540253	48.24	ug/l	0.00
Spiked Amount			Recovery	=	96.48%	
62) 4-Bromofluorobenzene	12.38	95	216047	47.59	ug/l	0.00
Spiked Amount			Recovery	=	95.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	172844	49.014	ug/l	98
3) Chloromethane	2.04	50	176112	52.771	ug/l	100
4) Vinyl Chloride	2.16	62	170290	51.468	ug/l	97
5) Bromomethane	2.53	94	112823	52.313	ug/l	100
6) Chloroethane	2.67	64	100843	50.066	ug/l	99
7) Trichlorofluoromethane	2.98	101	278625	51.207	ug/l	99
8) Diethyl Ether	3.37	74	92573	51.433	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	142073	50.494	ug/l	98
10) Methyl Iodide	3.91	142	195927	48.968	ug/l	100
11) Tert butyl alcohol	4.73	59	148805	259.236	ug/l	99
12) 1,1-Dichloroethene	3.70	96	138497	51.177	ug/l	93
13) Acrolein	3.57	56	88375	245.264	ug/l	100
14) Allyl chloride	4.28	41	279134	51.535	ug/l	99
15) Acrylonitrile	4.93	53	312176	263.005	ug/l	99
16) Acetone	3.77	43	324074	264.131	ug/l	97
17) Carbon Disulfide	4.01	76	400784	51.918	ug/l	99
18) Methyl Acetate	4.28	43	157997	50.535	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	477230	51.293	ug/l	99
20) Methylene Chloride	4.50	84	158764	48.527	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	150931	50.577	ug/l	99
22) Diisopropyl ether	5.90	45	493708	49.033	ug/l	97
23) Vinyl Acetate	5.84	43	2319055	258.261	ug/l	100
24) 1,1-Dichloroethane	5.80	63	298917	51.246	ug/l	99
25) 2-Butanone	6.78	43	503498	258.292	ug/l	99
26) 2,2-Dichloropropane	6.78	77	293875	50.607	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	178357	51.322	ug/l	97
28) Bromochloromethane	7.15	49	137840	49.743	ug/l	100
29) Tetrahydrofuran	7.17	42	302798	259.681	ug/l	98
30) Chloroform	7.33	83	312941	50.297	ug/l	98
31) Cyclohexane	7.62	56	233263	45.888	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	301269	51.688	ug/l	98
36) 1,1-Dichloropropene	7.75	75	233750	50.492	ug/l	98
37) Ethyl Acetate	6.88	43	220974	52.572	ug/l	99
38) Carbon Tetrachloride	7.73	117	271172	51.483	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	216120	51.341	ug/l	99
40) Benzene	8.00	78	644618	50.442	ug/l	99
41) Methacrylonitrile	7.12	41	109781	49.790	ug/l	94
42) 1,2-Dichloroethane	8.09	62	270000	49.320	ug/l	99
43) Isopropyl Acetate	8.13	43	398605	50.885	ug/l #	91
44) Trichloroethene	8.80	130	179374	51.509	ug/l	94
45) 1,2-Dichloropropane	9.09	63	173364	50.816	ug/l	99
46) Dibromomethane	9.17	93	119269	52.064	ug/l	97
47) Bromodichloromethane	9.37	83	257248	50.829	ug/l	98
48) Methyl methacrylate	9.16	41	195647	47.811	ug/l	96
49) 1,4-Dioxane	9.17	88	47660	995.425	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	1097066	262.042	ug/l	99
52) Toluene	10.13	92	412077	50.395	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	292337	51.997	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	305097	51.540	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	162311	52.557	ug/l	99
56) Ethyl methacrylate	10.40	69	253423	53.070	ug/l	98
57) 1,3-Dichloropropane	10.68	76	283317	52.815	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	666170	270.918	ug/l	100
59) 2-Hexanone	10.72	43	811590	265.442	ug/l	100
60) Dibromochloromethane	10.87	129	204161	51.067	ug/l	99
61) 1,2-Dibromoethane	10.98	107	171377	52.588	ug/l	98
64) Tetrachloroethene	10.60	164	170602	49.749	ug/l	97
65) Chlorobenzene	11.41	112	444233	50.383	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	175887	50.255	ug/l	99
67) Ethyl Benzene	11.48	91	824310	50.871	ug/l	99
68) m/p-Xylenes	11.59	106	611076	101.784	ug/l	98
69) o-Xylene	11.92	106	294608	50.738	ug/l	98
70) Styrene	11.94	104	508784	52.276	ug/l	99
71) Bromoform	12.10	173	139413	51.565	ug/l #	100
73) Isopropylbenzene	12.22	105	798951	50.319	ug/l	100
74) N-amyl acetate	12.04	43	359135	52.346	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	213923	50.771	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	213134m	48.564	ug/l	
77) Bromobenzene	12.50	156	189836	50.645	ug/l	98
78) n-propylbenzene	12.57	91	908947	50.773	ug/l	99
79) 2-Chlorotoluene	12.65	91	555675	50.535	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	677845	50.498	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	89835	51.679	ug/l	99
82) 4-Chlorotoluene	12.75	91	589753	51.418	ug/l	100
83) tert-Butylbenzene	12.97	119	553557	50.299	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	672933	50.369	ug/l	99
85) sec-Butylbenzene	13.14	105	712720	51.370	ug/l	99
86) p-Isopropyltoluene	13.26	119	660901	52.310	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	343972	51.572	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	342835	50.220	ug/l	99
89) n-Butylbenzene	13.59	91	580215	51.231	ug/l	99
90) Hexachloroethane	13.85	117	116421	50.879	ug/l	97
91) 1,2-Dichlorobenzene	13.62	146	333446	50.961	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	52315	49.769	ug/l	93

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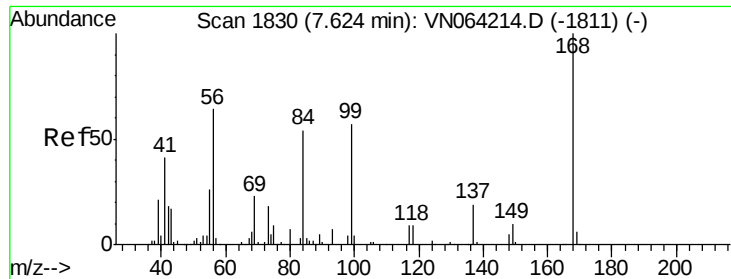
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	196379	53.512	ug/l	97
94) Hexachlorobutadiene	14.98	225	100024	50.534	ug/l	99
95) Naphthalene	15.10	128	603951	54.954	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	190209	52.331	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

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Instrument :

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ClientSampleId :

ICVVN102120

Tot Ion:168 Resp: 288750

Ion Ratio Lower Upper

168 100

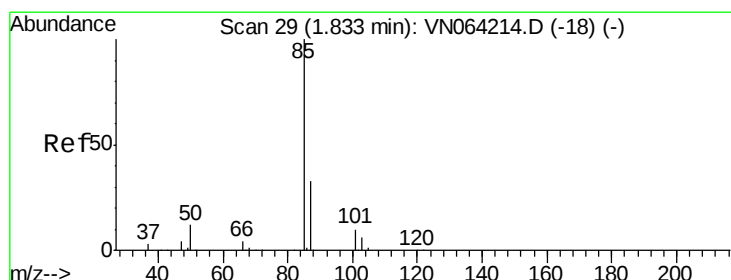
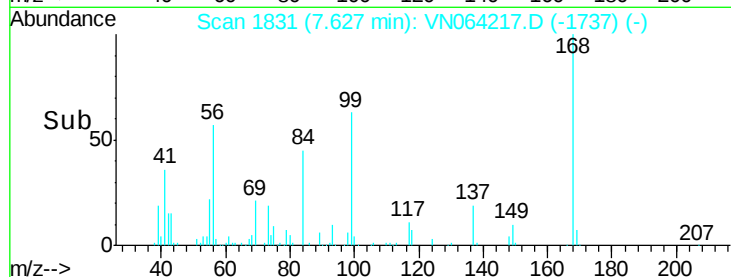
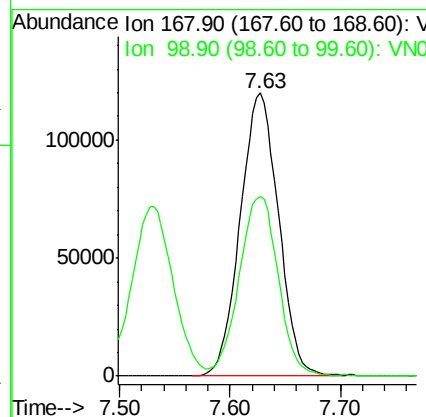
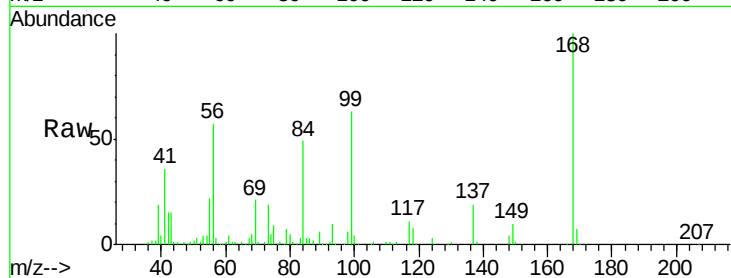
99 62.9 54.0 81.0

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 49.014 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064217.D

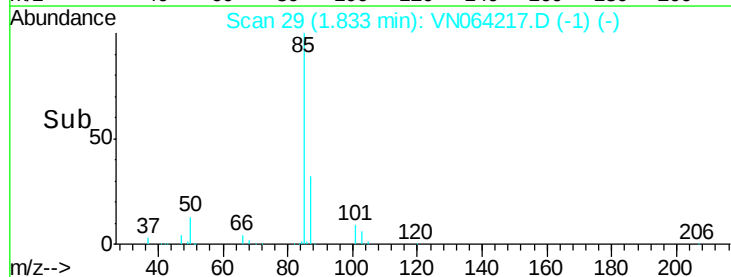
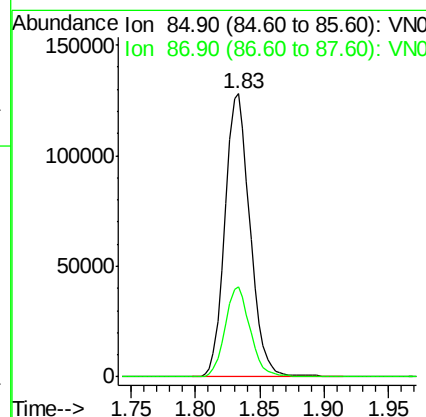
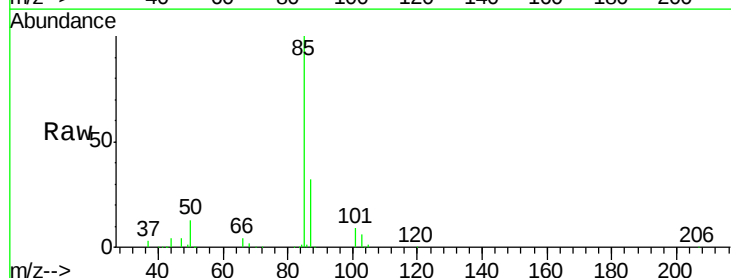
Acq: 21 Oct 2020 13:19

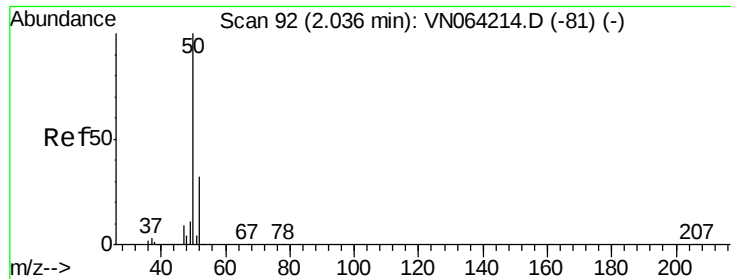
Tgt Ion: 85 Resp: 172844

Ion Ratio Lower Upper

85 100

87 31.8 16.6 49.8





#3

Chloromethane

Concen: 52.771 ug/l

RT: 2.04 min Scan# 92

Delta R.T. -0.00 min

Lab File: VN064217.D

Acq: 21 Oct 2020 13:19

Instrument :

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ClientSampleId :

ICVVN102120

Tot Ion: 50 Resp: 176112

Ion Ratio Lower Upper

50 100

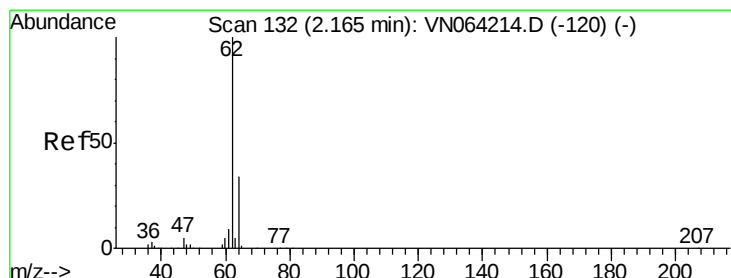
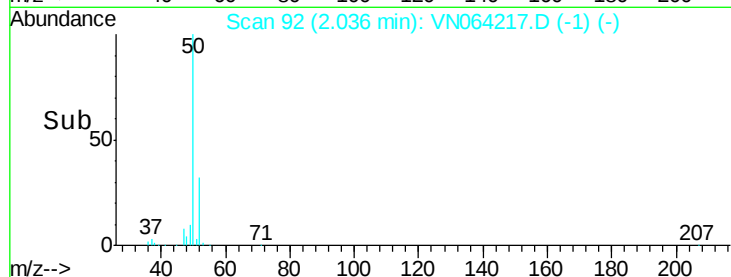
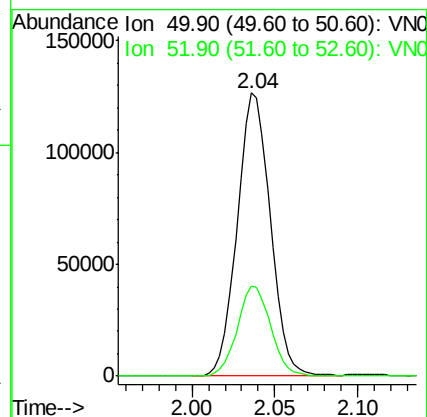
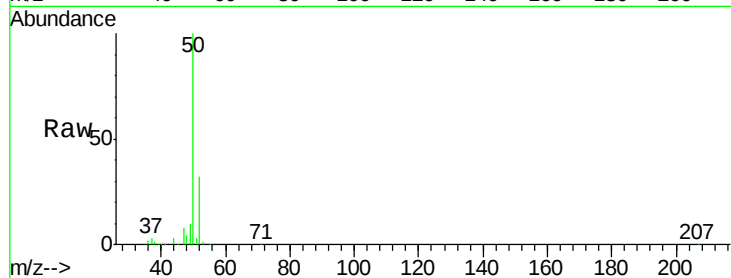
52 31.8 25.3 37.9

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#4

Vinyl Chloride

Concen: 51.468 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN064217.D

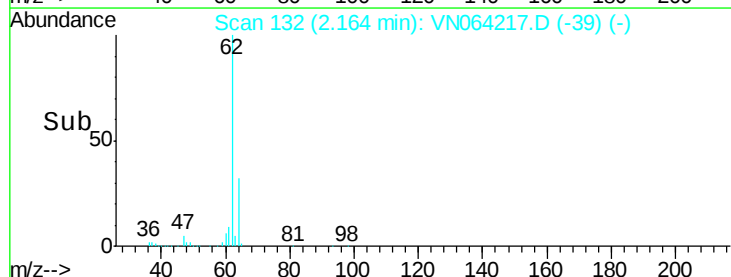
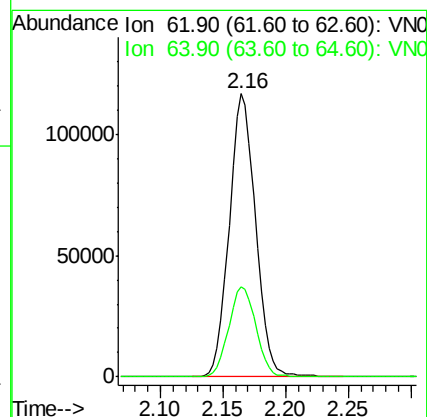
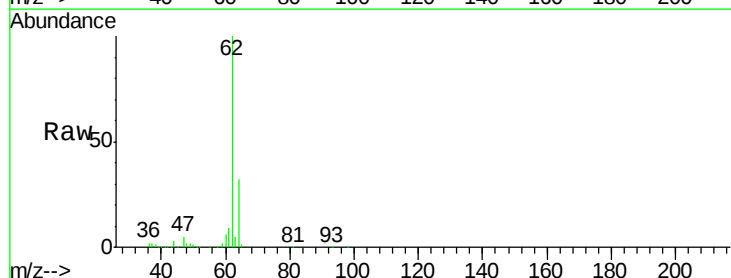
Acq: 21 Oct 2020 13:19

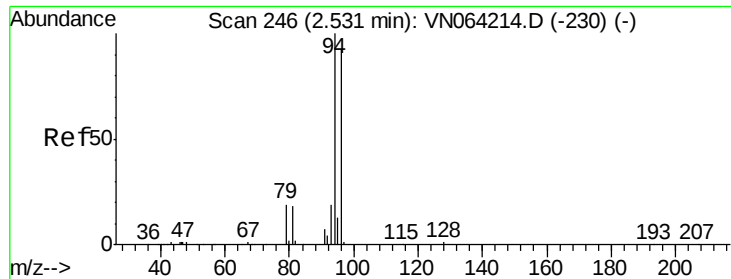
Tgt Ion: 62 Resp: 170290

Ion Ratio Lower Upper

62 100

64 32.0 26.8 40.2





#5

Bromomethane

Concen: 52.313 ug/l

RT: 2.53 min Scan# 245

Delta R.T. -0.00 min

Lab File: VN064217.D

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Tot Ion: 94 Resp: 112823

Ion Ratio Lower Upper

94 100

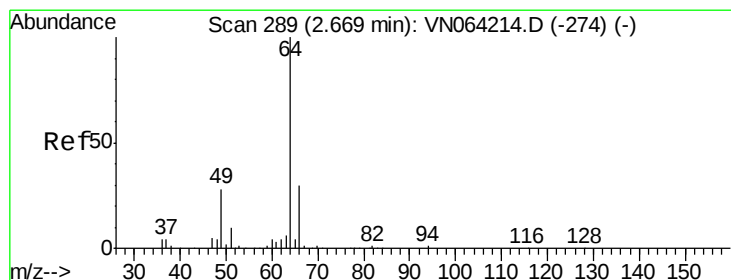
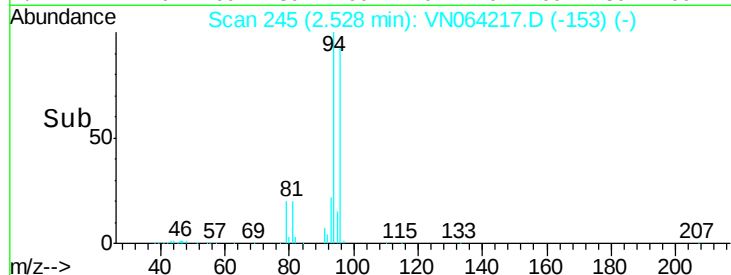
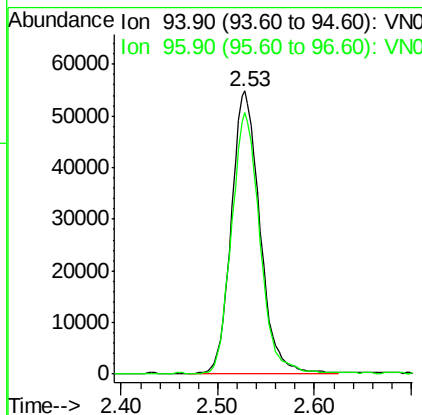
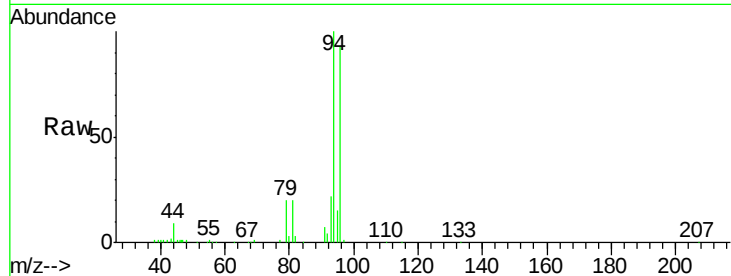
96 92.6 74.2 111.4

Manual Integrations

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#6

Chloroethane

Concen: 50.066 ug/l

RT: 2.67 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN064217.D

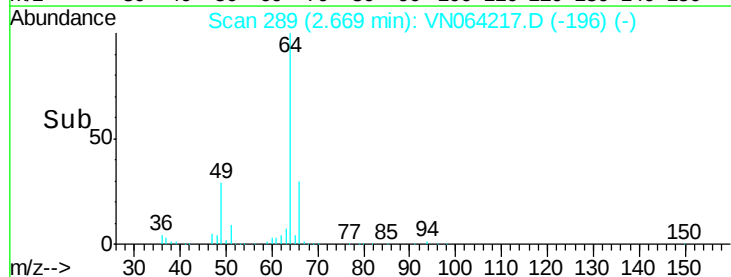
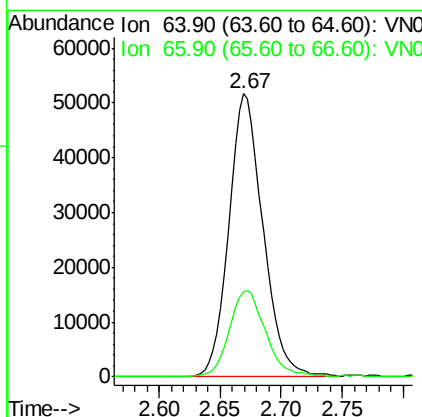
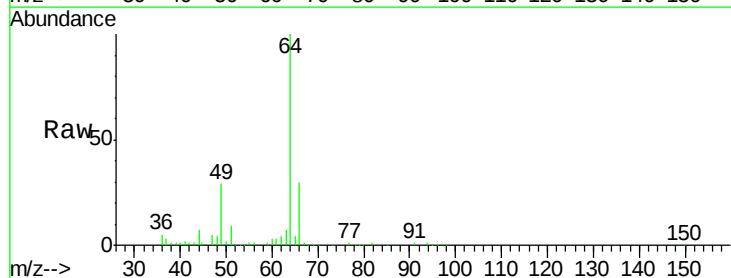
Acq: 21 Oct 2020 13:19

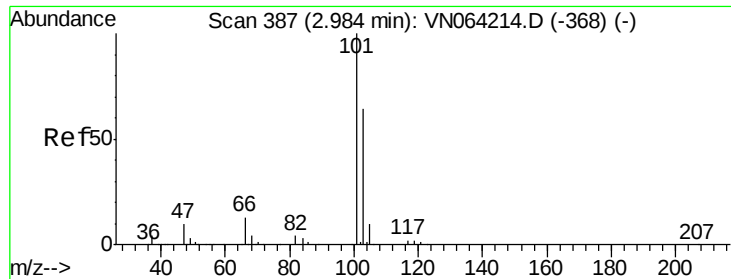
Tgt Ion: 64 Resp: 100843

Ion Ratio Lower Upper

64 100

66 30.0 24.5 36.7





#7

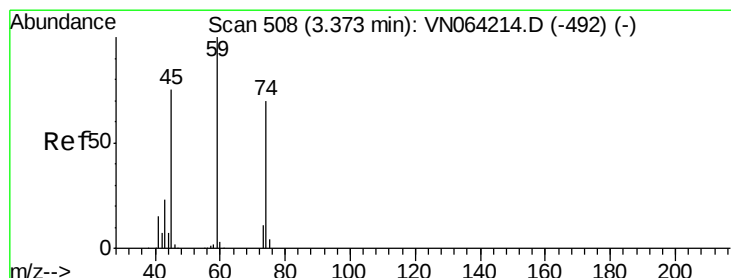
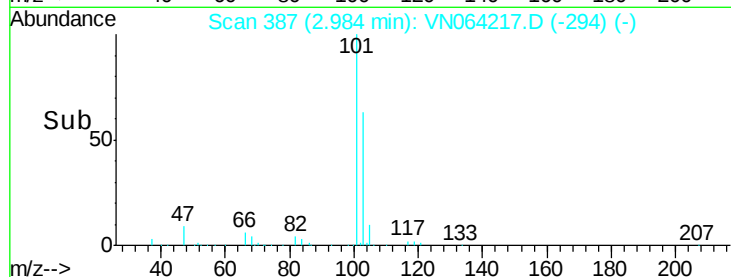
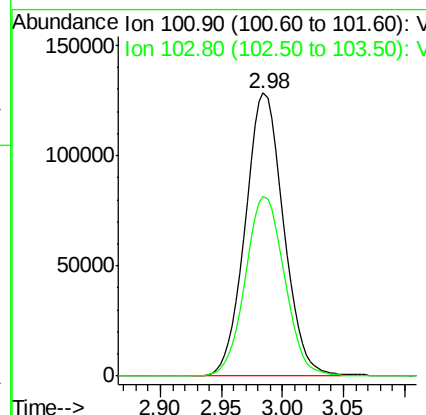
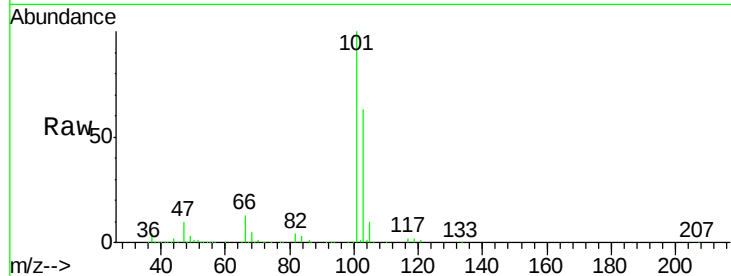
Trichlorofluoromethane
Concen: 51.207 ug/l
RT: 2.98 min Scan# 387
Delta R.T. -0.00 min
Lab File: VN064217.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.4	51.0	76.6

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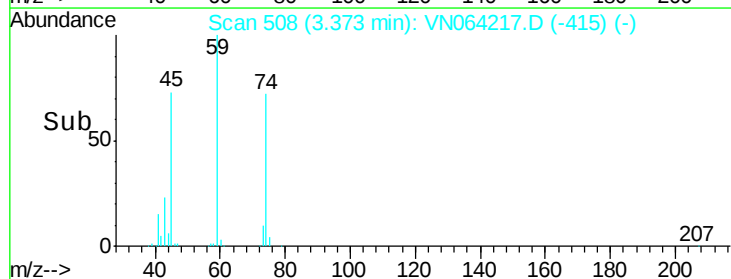
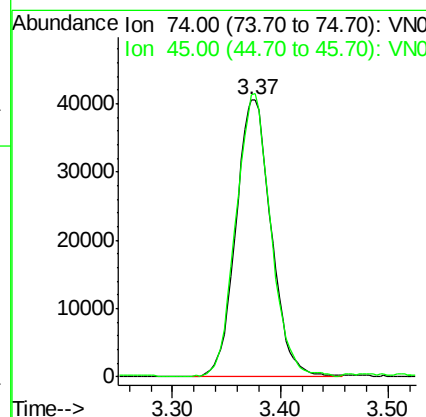
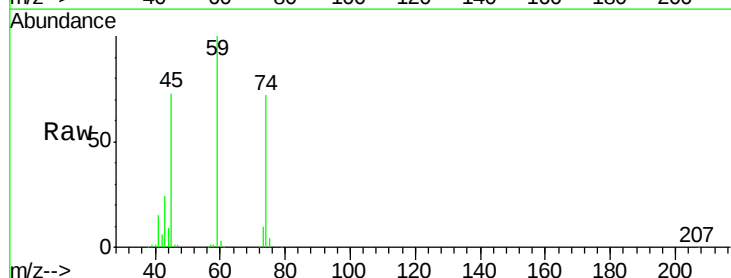
MMDadoda
10/22/2020 3:25:02 PM

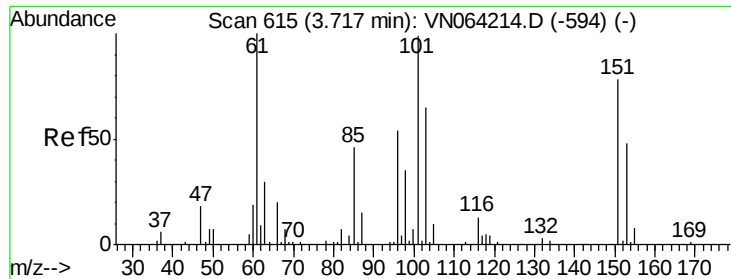


#8

Diethyl Ether
Concen: 51.433 ug/l
RT: 3.37 min Scan# 508
Delta R.T. -0.00 min
Lab File: VN064217.D
Acq: 21 Oct 2020 13:19

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.7	51.3	154.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.494 ug/l

RT: 3.72 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN064217.D

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MSVOA_N

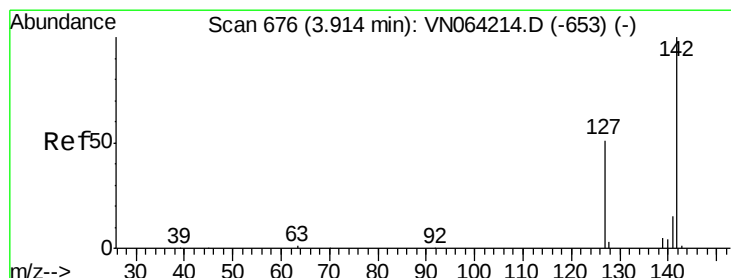
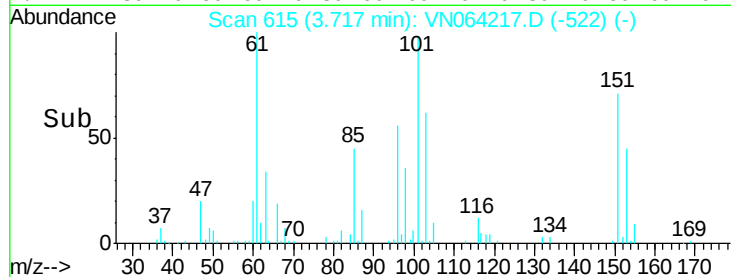
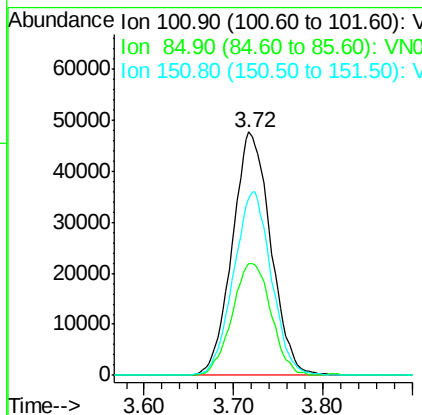
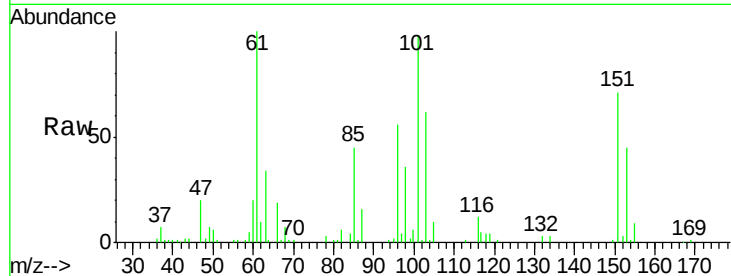
ClientSampleId :

ICVVN102120

Tot Ion:	101	Resp:	142073
Ion Ratio	Lower	Upper	
101	100		
85	46.7	37.8	56.8
151	74.3	61.4	92.2

Manual Integrations
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#10

Methyl Iodide

Concen: 48.968 ug/l

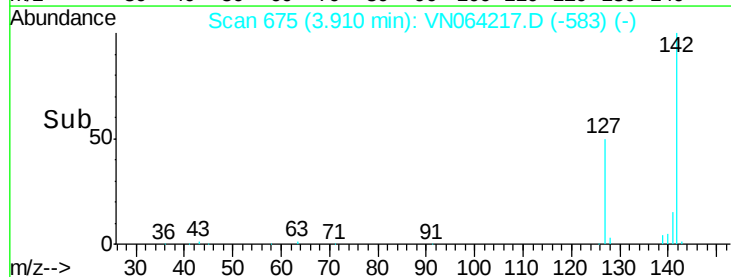
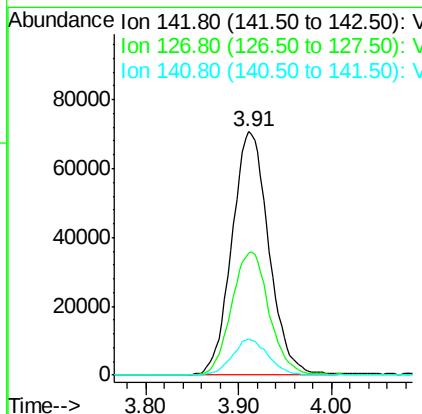
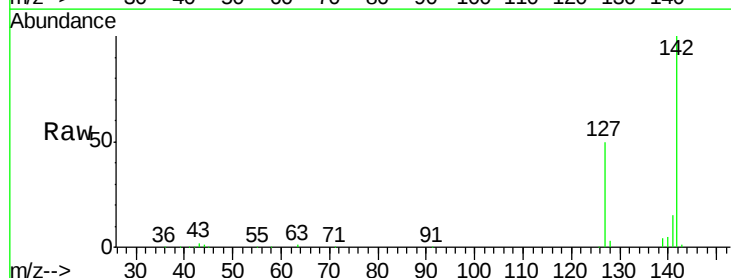
RT: 3.91 min Scan# 675

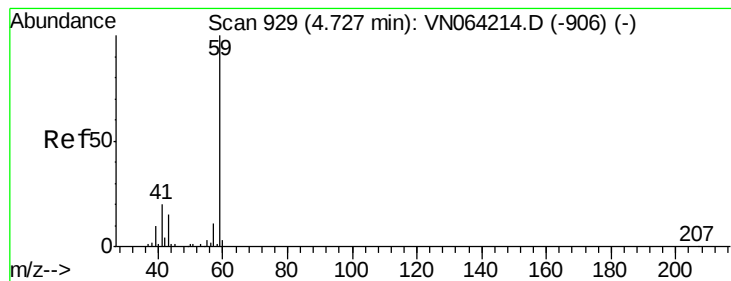
Delta R.T. -0.00 min

Lab File: VN064217.D

Acq: 21 Oct 2020 13:19

Tgt Ion:	142	Resp:	195927
Ion Ratio	Lower	Upper	
142	100		
127	51.5	41.0	61.6
141	14.3	11.3	16.9





#11

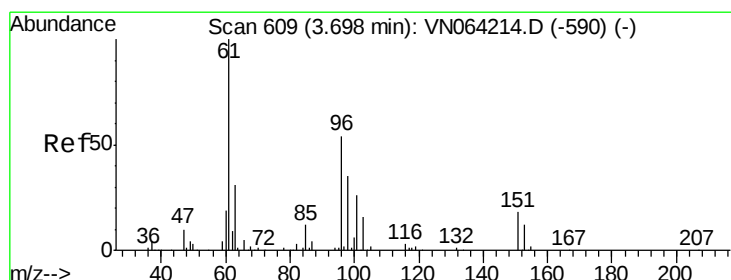
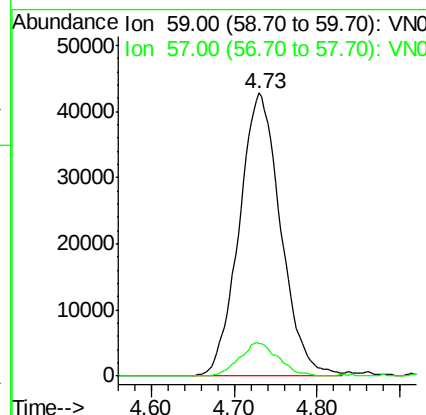
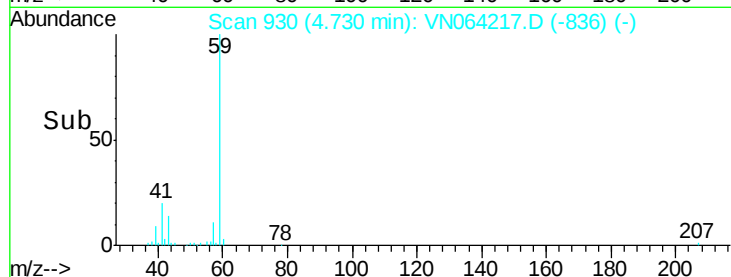
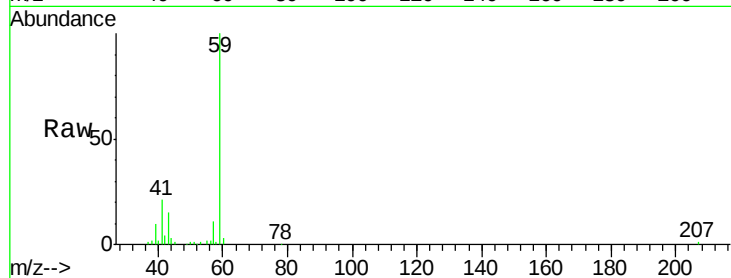
Tert butyl alcohol
Concen: 259.236 ug/l
RT: 4.73 min Scan# 930
Delta R.T. 0.00 min
Lab File: VN064217.D
Acq: 21 Oct 2020 13:19

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102120

Tot Ion	Ratio	Resp	Lower	Upper
59	100	148805		
57	11.1		9.2	13.8

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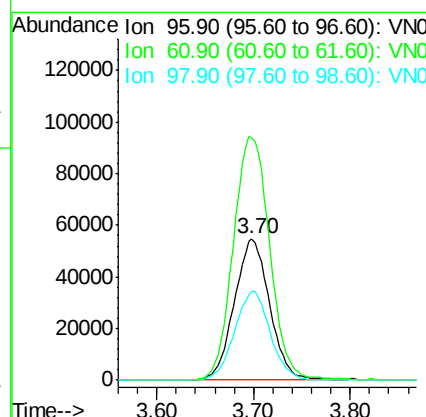
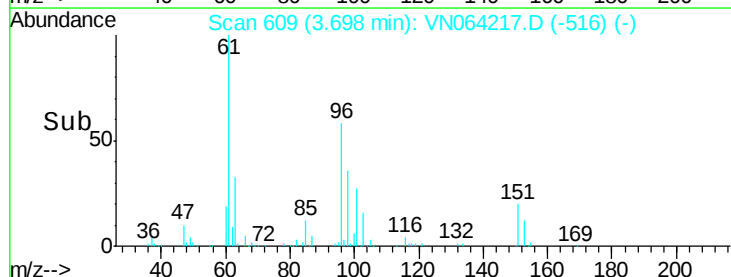
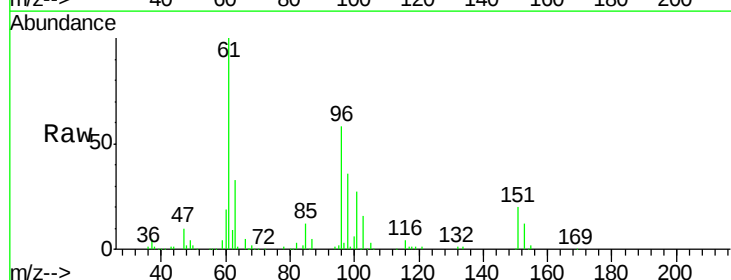
MMDadoda
10/22/2020 3:25:02 PM

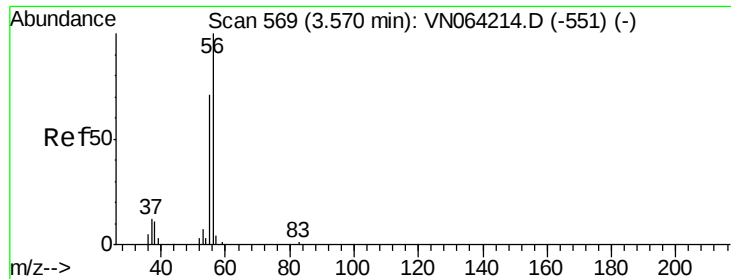


#12

1,1-Dichloroethene
Concen: 51.177 ug/l
RT: 3.70 min Scan# 609
Delta R.T. -0.00 min
Lab File: VN064217.D
Acq: 21 Oct 2020 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	138497		
61	171.6		147.0	220.4
98	62.7		51.7	77.5





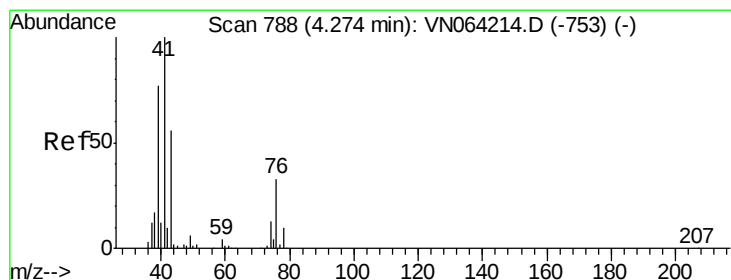
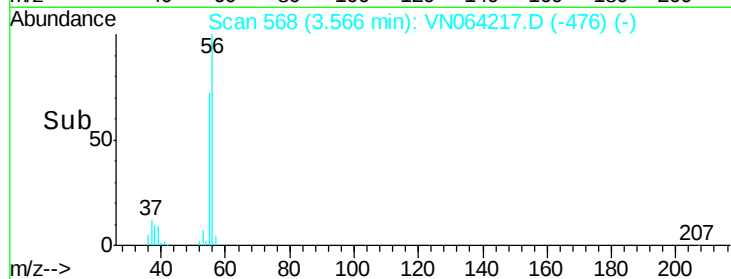
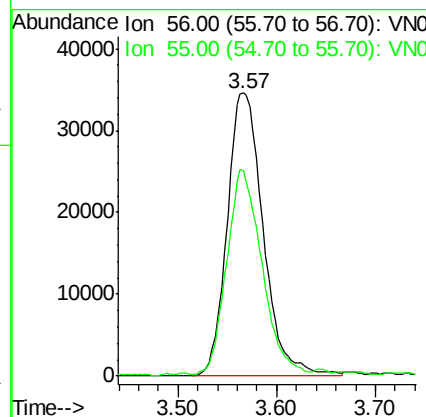
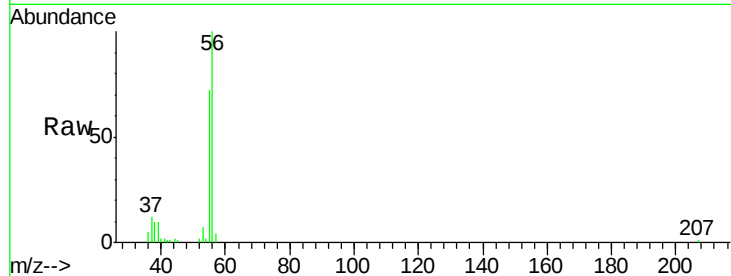
#13
 Acrolein
 Concen: 245.264 ug/l
 RT: 3.57 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: VN064217.D
 Acq: 21 Oct 2020 13:19

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102120

Tot Ion	Ion	Ratio	Resp	Lower	Upper
56	56	100			
55	55	70.4	56.1	84.1	

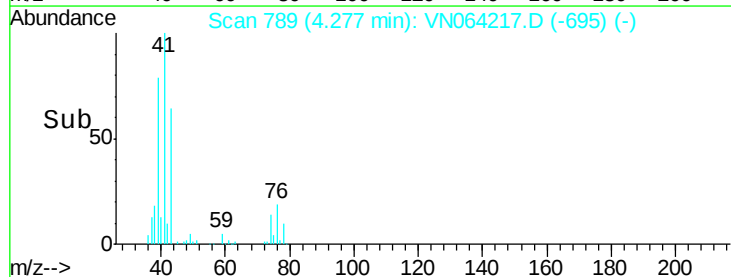
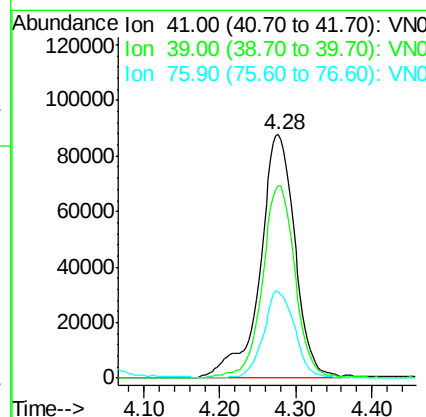
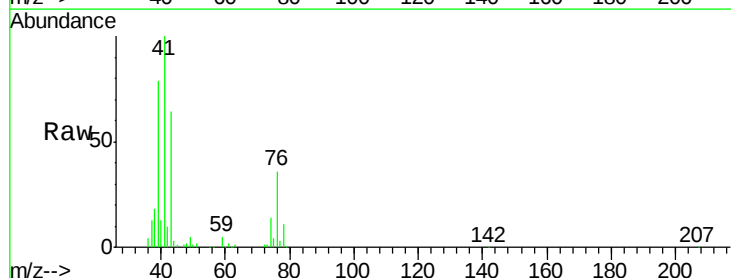
Manual Integrations
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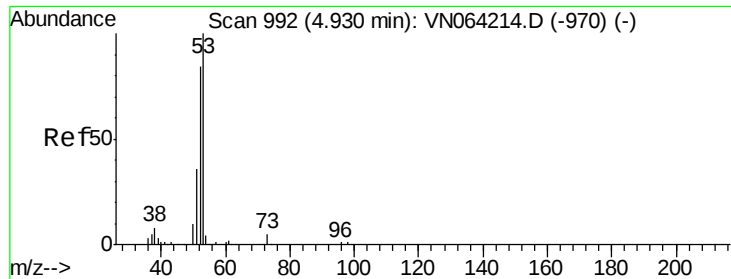
MMDadoda
 10/22/2020 3:25:02 PM



#14
 Allyl chloride
 Concen: 51.535 ug/l
 RT: 4.28 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: VN064217.D
 Acq: 21 Oct 2020 13:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
41	41	100			
39	39	73.1	58.6	88.0	
76	76	31.2	24.5	36.7	





#15

Acrylonitrile

Concen: 263.005 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN064217.D

Acq: 21 Oct 2020 13:19

Instrument :

MSVOA_N

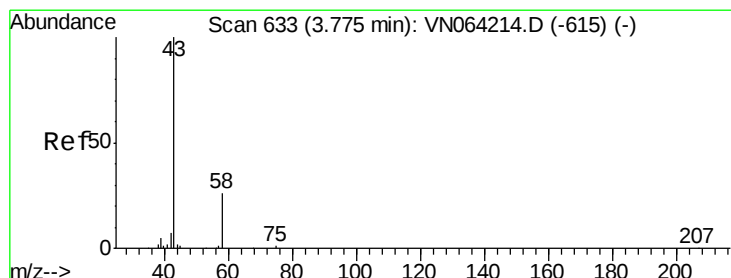
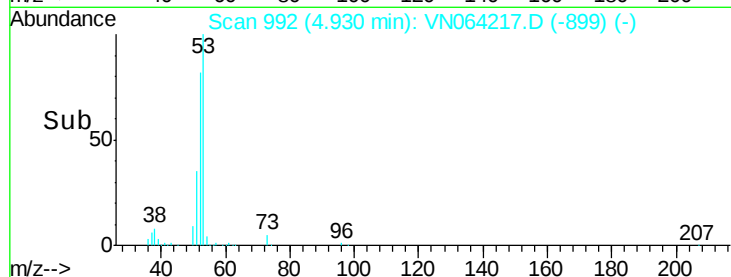
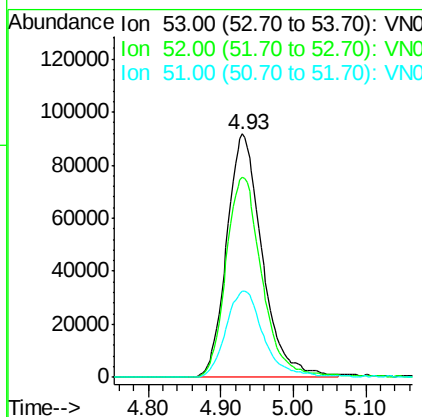
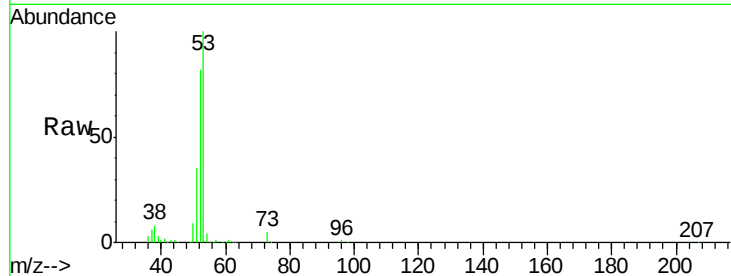
ClientSampleId :

ICVVN102120

Tot Ion:	53	Resp:	312176
Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.8	100.2
51	37.6	30.7	46.1

Manual Integrations
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#16

Acetone

Concen: 264.131 ug/l

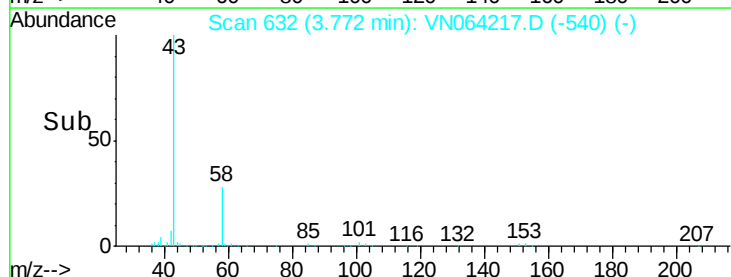
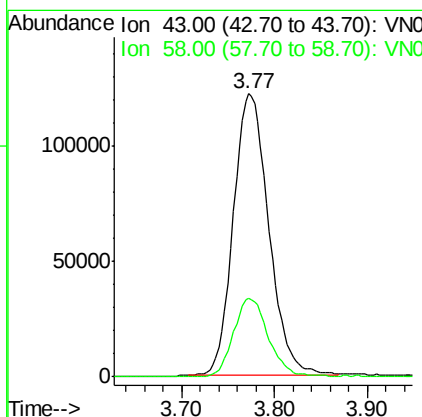
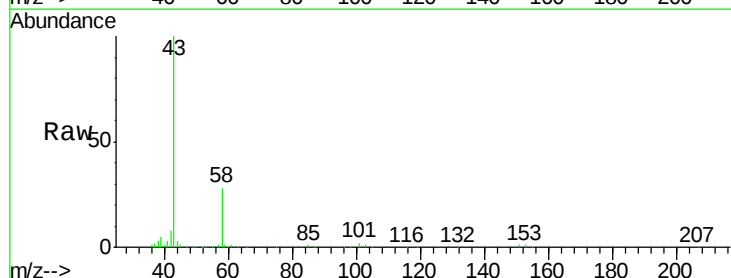
RT: 3.77 min Scan# 632

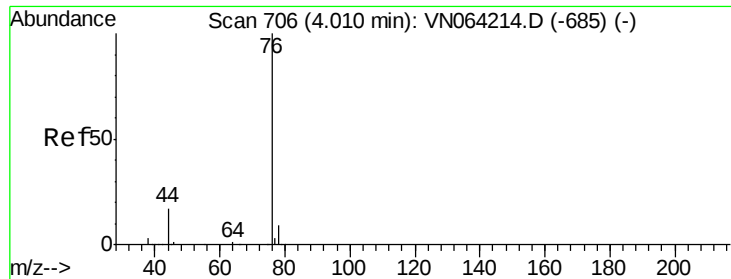
Delta R.T. -0.00 min

Lab File: VN064217.D

Acq: 21 Oct 2020 13:19

Tgt Ion:	43	Resp:	324074
Ion	Ratio	Lower	Upper
43	100		
58	27.9	21.0	31.4





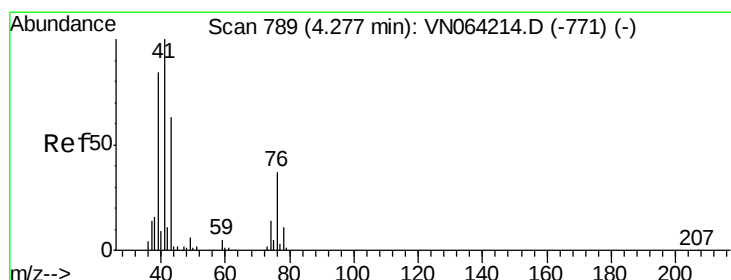
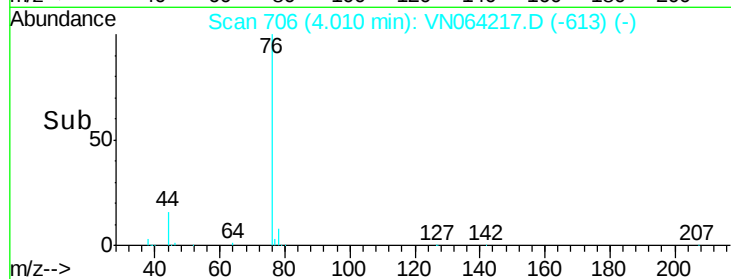
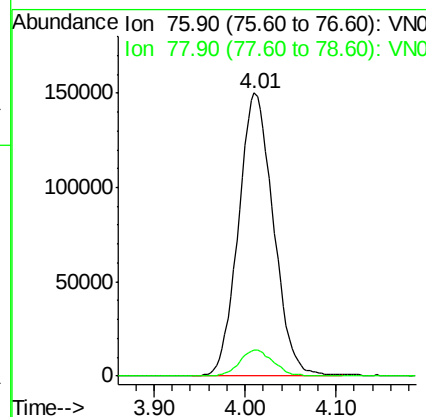
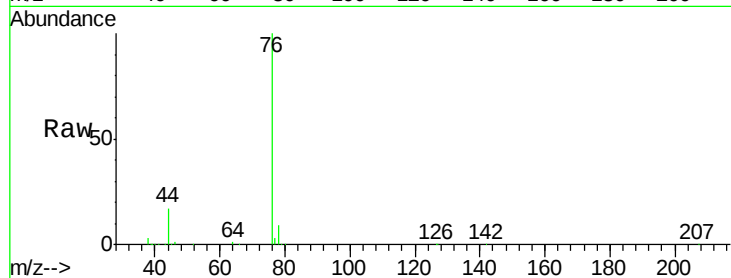
#17
Carbon Disulfide
Concen: 51.918 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN064217.D
Acq: 21 Oct 2020 13:19

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102120

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.1	10.7

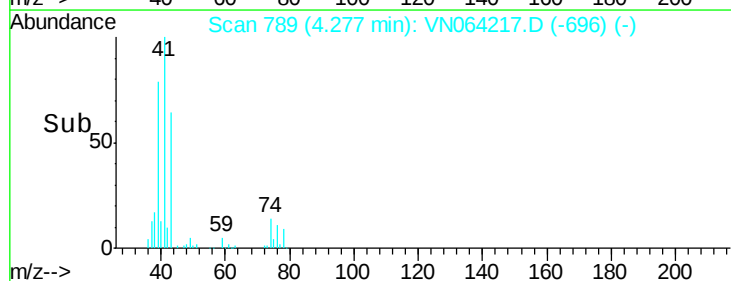
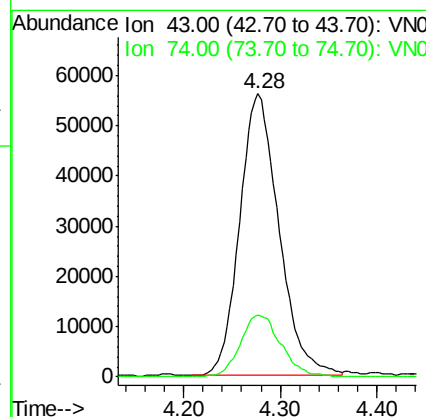
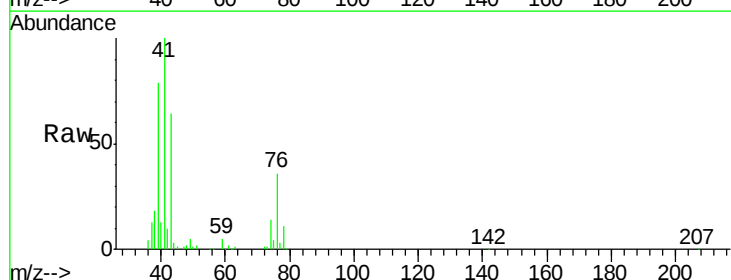
Manual Integrations
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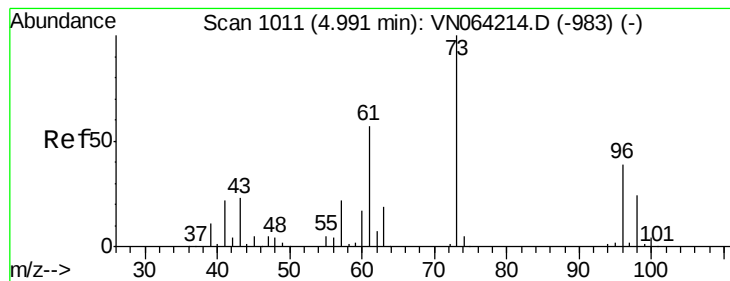
MMDadoda
10/22/2020 3:25:02 PM



#18
Methyl Acetate
Concen: 50.535 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN064217.D
Acq: 21 Oct 2020 13:19

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.8	17.9	26.9





#19

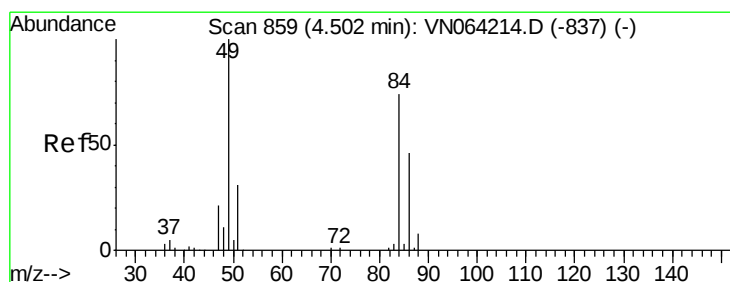
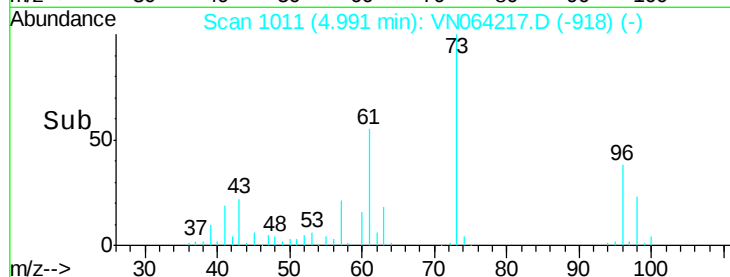
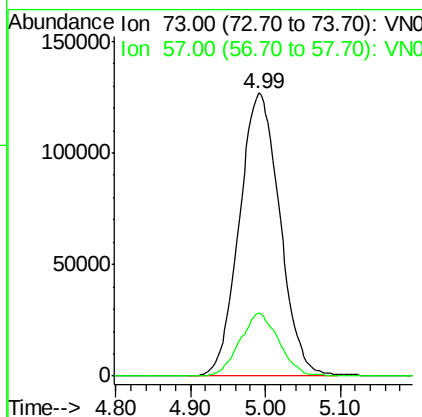
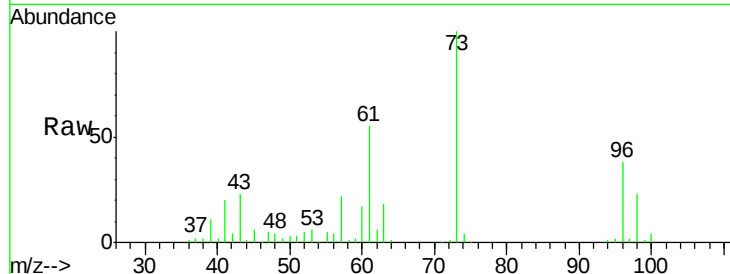
Methyl tert-butyl Ether
 Concen: 51.293 ug/l
 RT: 4.99 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: VN064217.D
 Acq: 21 Oct 2020 13:19

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102120

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	18.0	27.0

Manual Integrations
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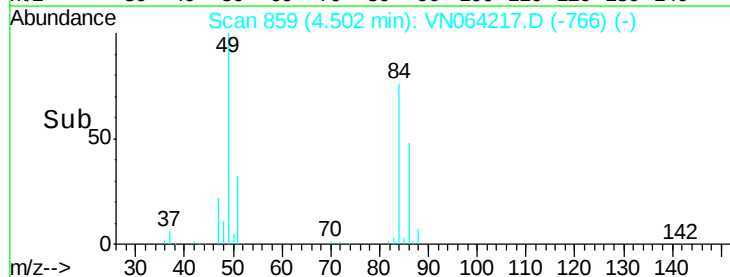
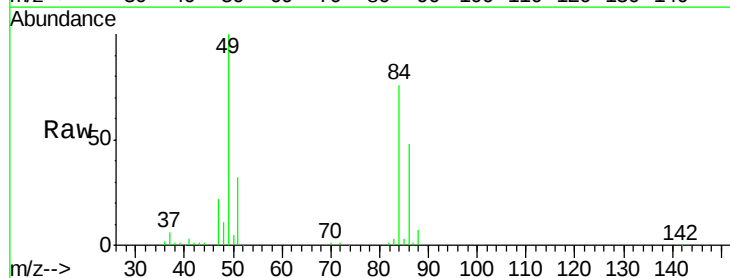
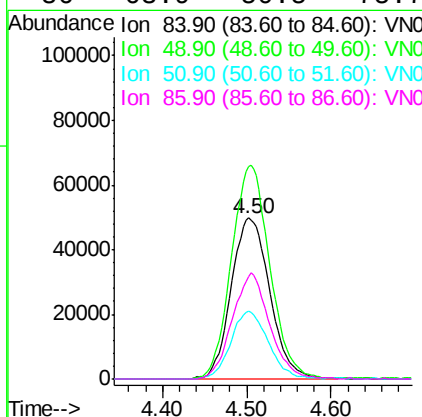
MMDadoda
 10/22/2020 3:25:02 PM

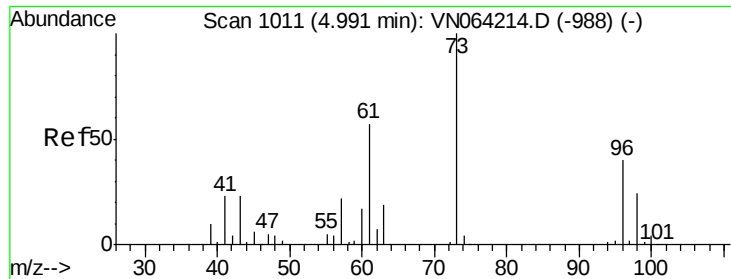


#20

Methylene Chloride
 Concen: 48.527 ug/l
 RT: 4.50 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: VN064217.D
 Acq: 21 Oct 2020 13:19

Tgt Ion	Ratio	Lower	Upper
84	100		
49	132.4	108.5	162.7
51	42.1	33.8	50.8
86	63.9	50.5	75.7





#21

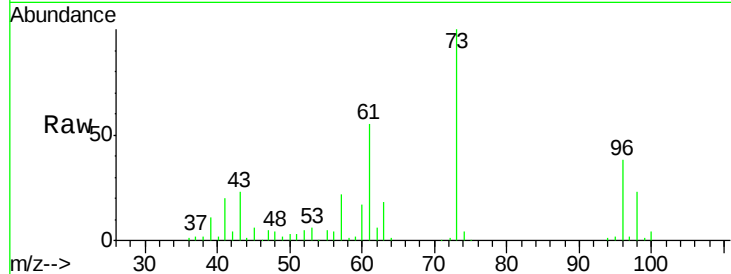
trans-1,2-Dichloroethene
Concen: 50.577 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN064217.D
Acq: 21 Oct 2020 13:19

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102120

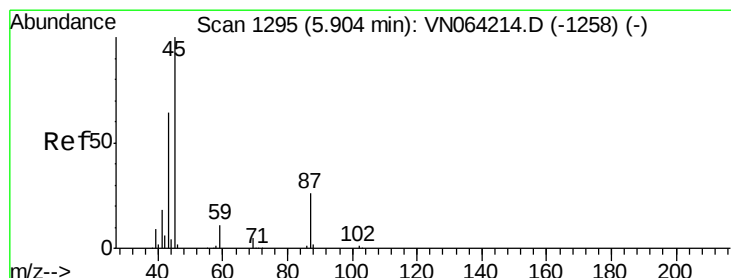
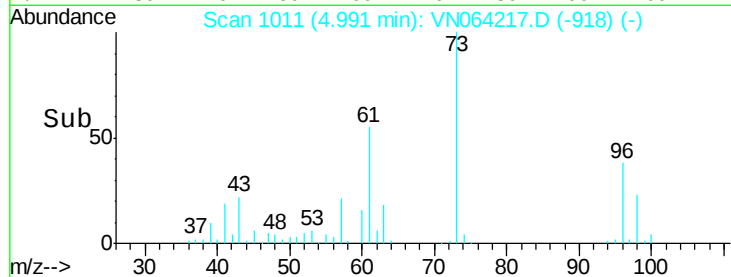
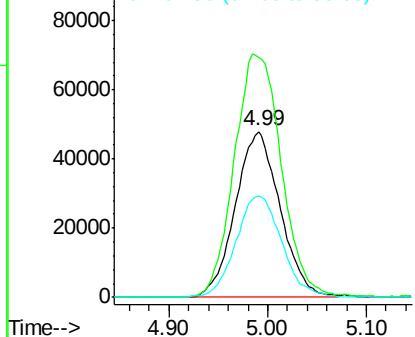
Tot Ion	Ratio	Lower	Upper
96	100		
61	144.0	115.8	173.6
98	60.4	49.4	74.0

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Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

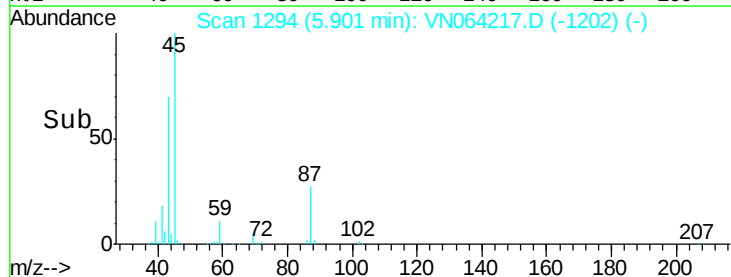
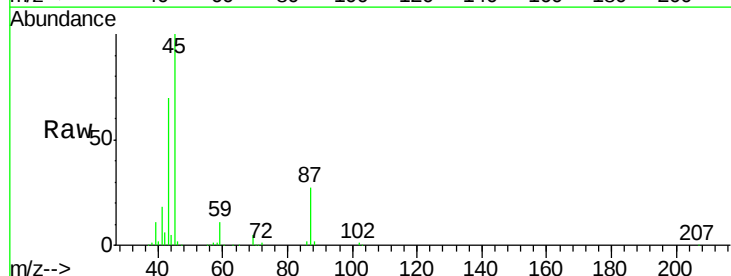
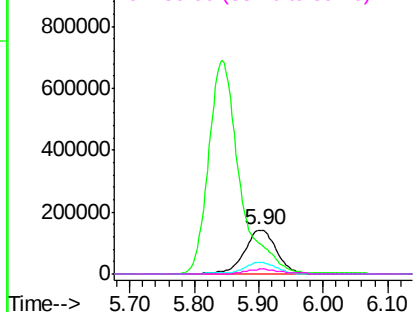


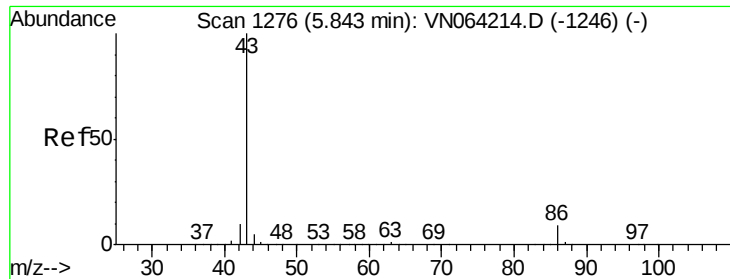
#22

Diisopropyl ether
Concen: 49.033 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN064217.D
Acq: 21 Oct 2020 13:19

Tgt Ion	Ratio	Lower	Upper
45	100		
43	68.4	52.2	78.4
87	26.8	21.4	32.0
59	10.6	8.3	12.5

Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 258.261 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN064217.D

Acq: 21 Oct 2020 13:19

Instrument :

MSVOA_N

ClientSampleId :

ICVVN102120

Tot Ion: 43 Resp: 2319055

Ion Ratio Lower Upper

43 100

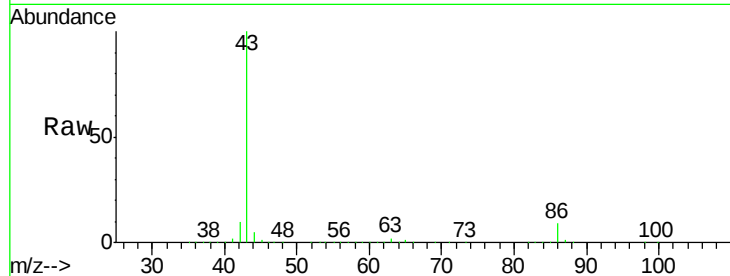
86 9.1 7.4 11.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

800000

600000

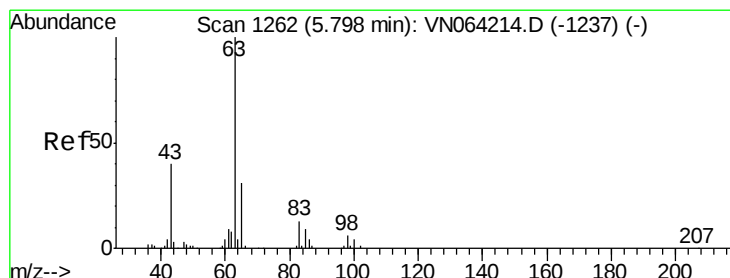
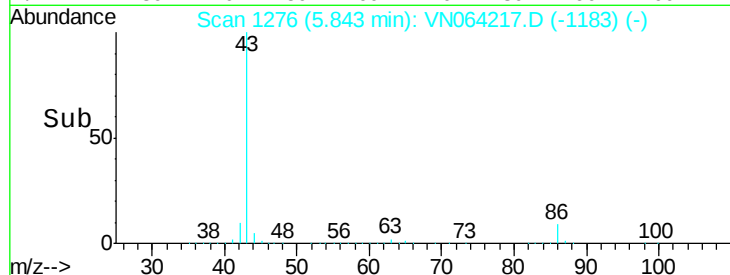
400000

200000

0

5.70 5.80 5.90 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 51.246 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN064217.D

Acq: 21 Oct 2020 13:19

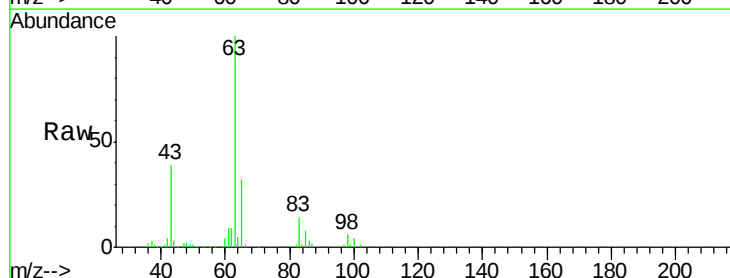
Tgt Ion: 63 Resp: 298917

Ion Ratio Lower Upper

63 100

98 6.0 2.9 8.7

100 3.6 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

120000

100000

80000

60000

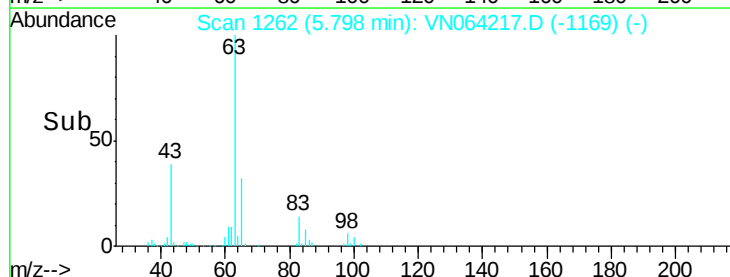
40000

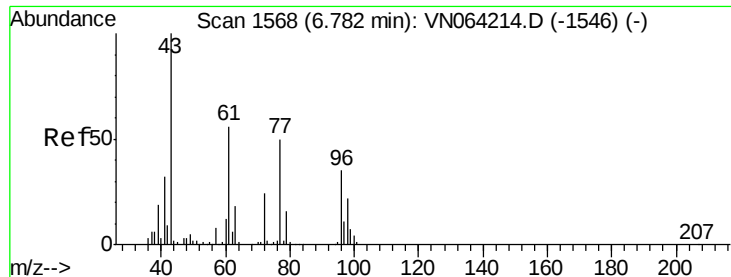
20000

0

5.70 5.80 5.90

Time-->





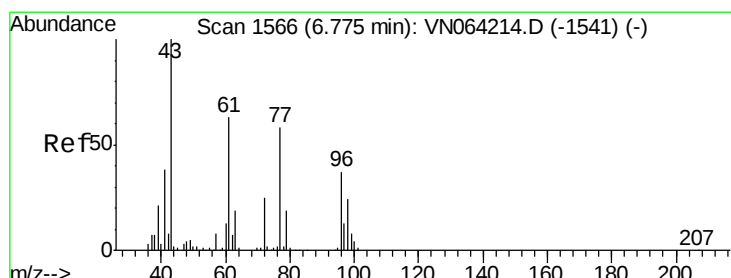
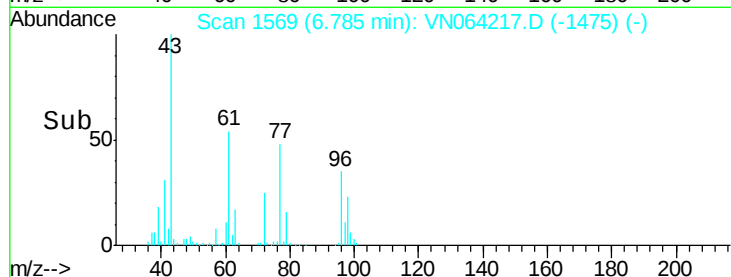
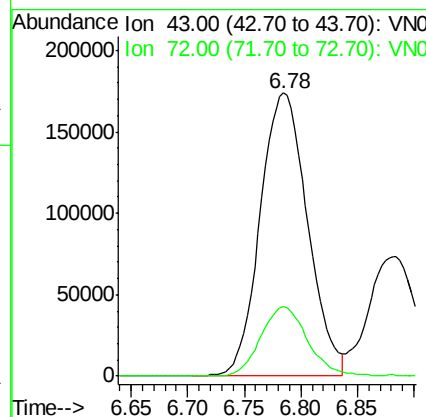
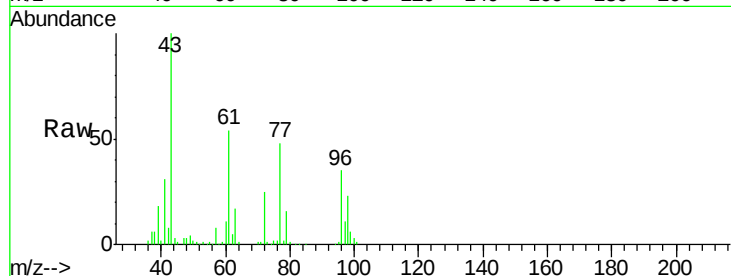
#25
2-Butanone
Concen: 258.292 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN064217.D
Acq: 21 Oct 2020 13:19

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102120

Tot Ion	Ratio	Lower	Upper
43	100		
72	24.6	19.4	29.0

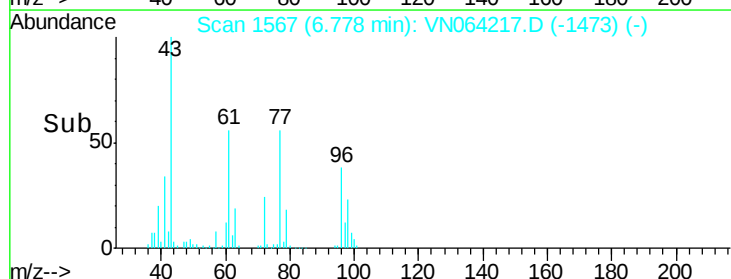
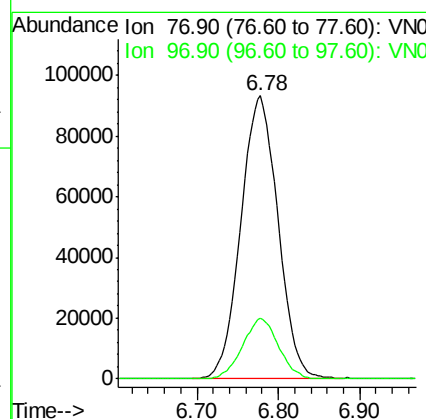
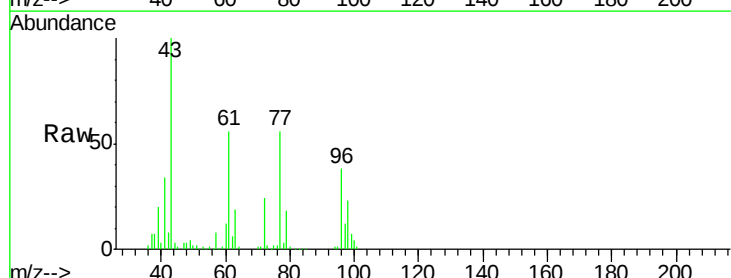
Manual Integrations
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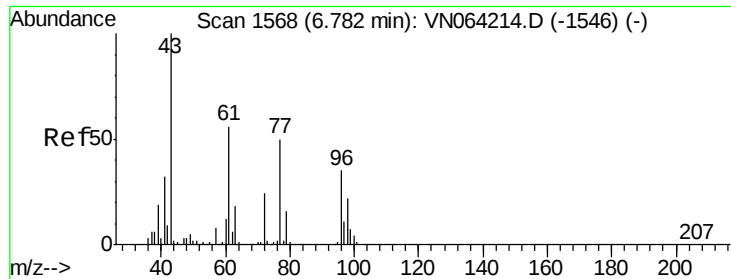
MMDadoda
10/22/2020 3:25:02 PM



#26
2,2-Dichloropropane
Concen: 50.607 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VN064217.D
Acq: 21 Oct 2020 13:19

Tgt Ion	Ratio	Lower	Upper
77	100		
97	20.6	10.4	31.4





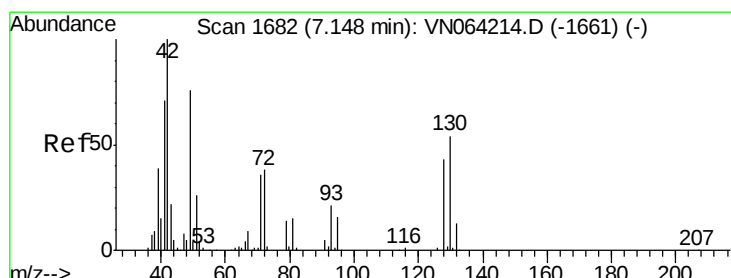
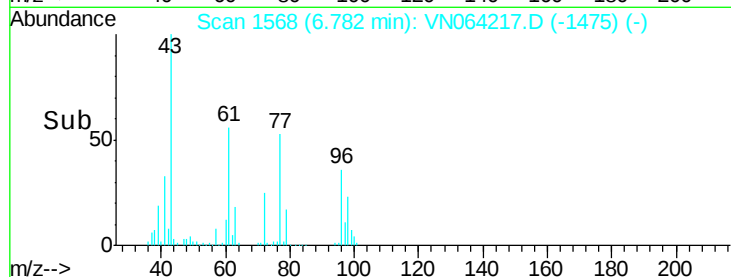
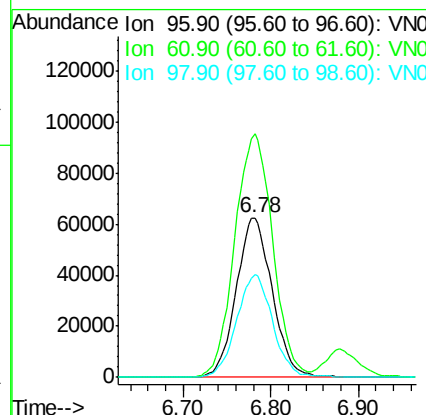
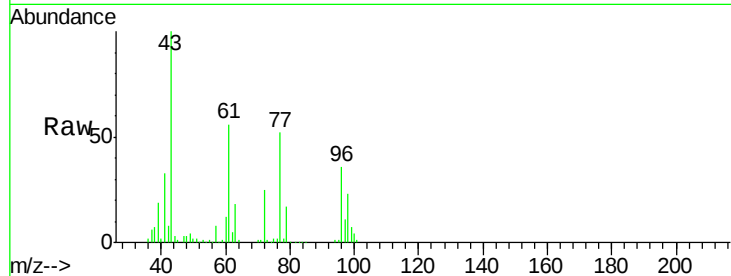
#27
 cis-1,2-Dichloroethene
 Concen: 51.322 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: VN064217.D
 Acq: 21 Oct 2020 13:19

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102120

Tot Ion	Ratio	Resp	Lower	Upper
96	100	178357		
61	160.3	0.0	330.0	
98	64.5	0.0	130.6	

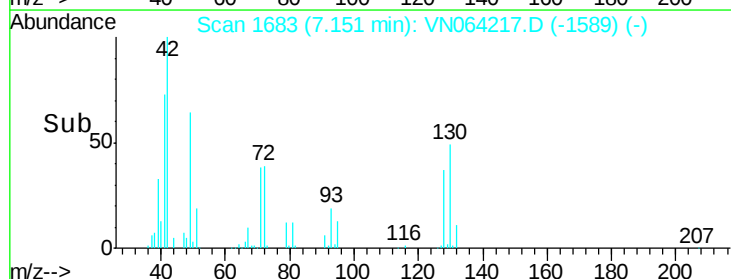
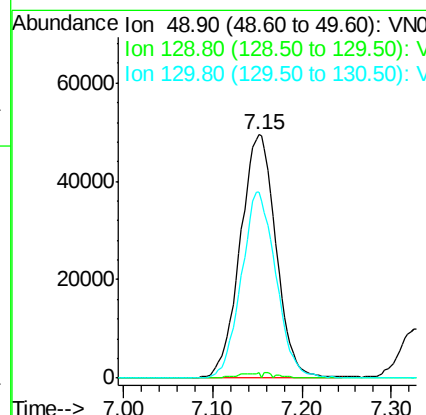
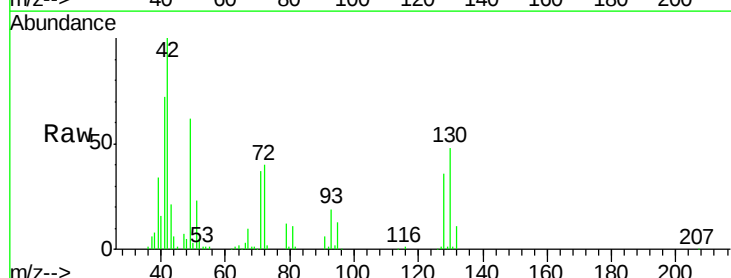
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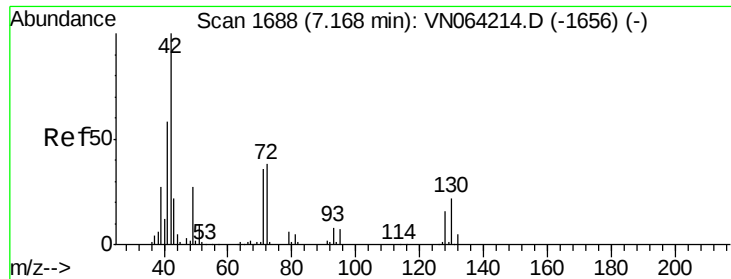
MMDadoda
 10/22/2020 3:25:02 PM



#28
 Bromochloromethane
 Concen: 49.743 ug/l
 RT: 7.15 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: VN064217.D
 Acq: 21 Oct 2020 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	137840		
129	1.2	0.0	2.8	
130	73.5	58.8	88.2	





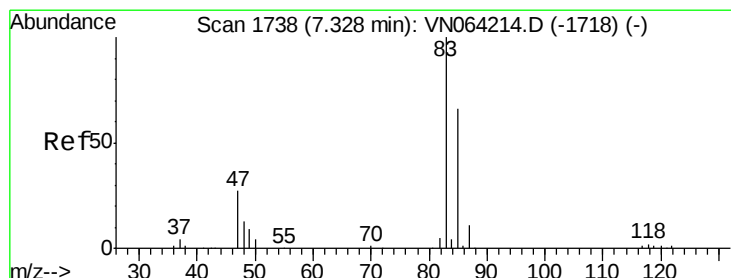
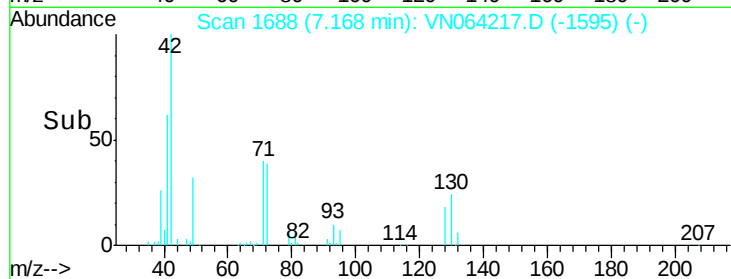
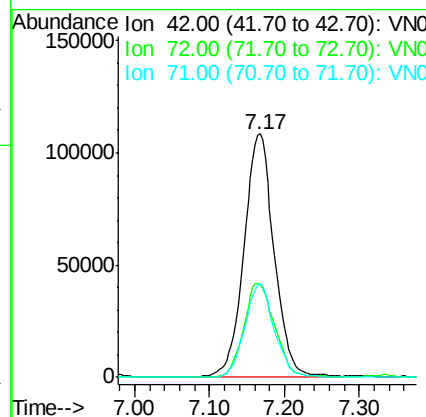
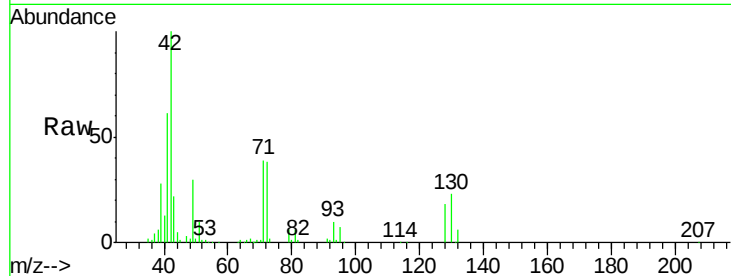
#29
Tetrahydrofuran
Concen: 259.681 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VN064217.D
Acq: 21 Oct 2020 13:19

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102120

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.9	30.8	46.2
71	37.8	29.0	43.6

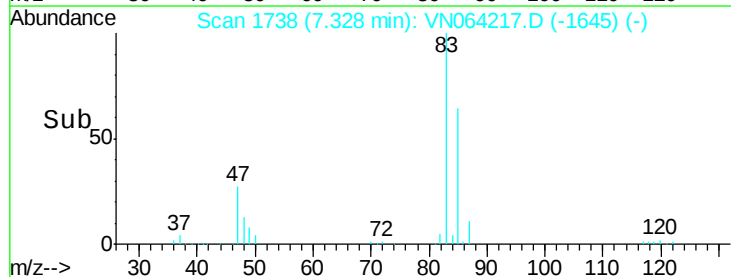
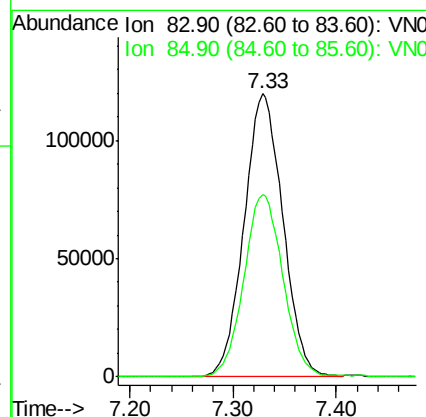
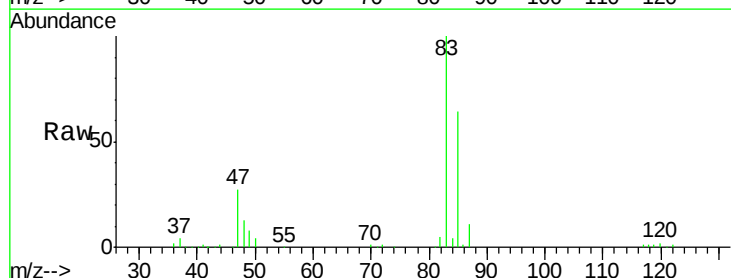
Manual Integrations
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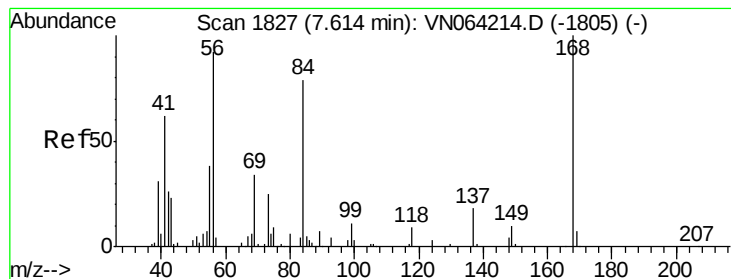
MMDadoda
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#30
Chloroform
Concen: 50.297 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN064217.D
Acq: 21 Oct 2020 13:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	52.5	78.7





#31

Cyclohexane

Concen: 45.888 ug/l

RT: 7.62 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN064217.D

Acq: 21 Oct 2020 13:19

Instrument :

MSVOA_N

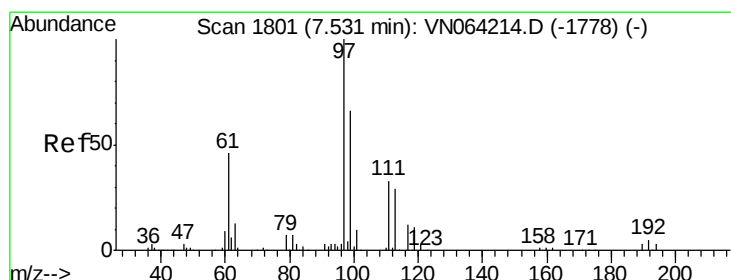
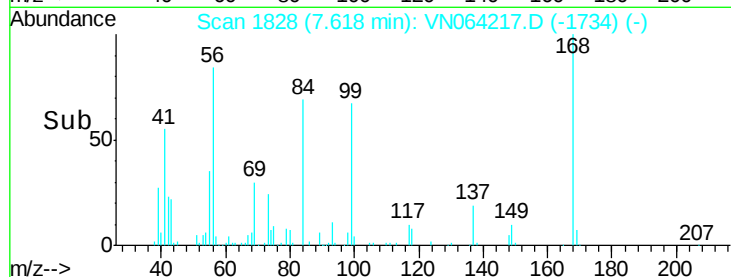
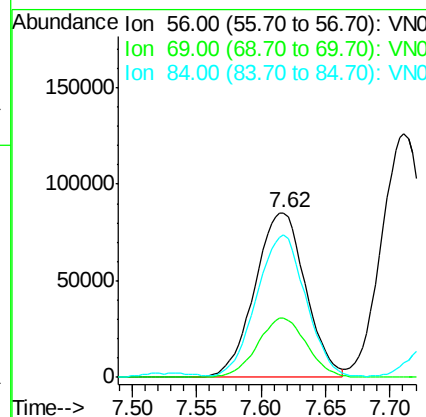
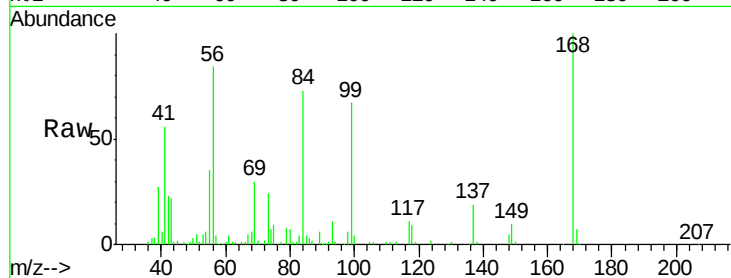
ClientSampleId :

ICVVN102120

Tot Ion:	56	Resp:	233263
Ion Ratio	Lower	Upper	
56	100		
69	35.8	29.8	44.6
84	84.7	68.1	102.1

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#32

1,1,1-Trichloroethane

Concen: 51.688 ug/l

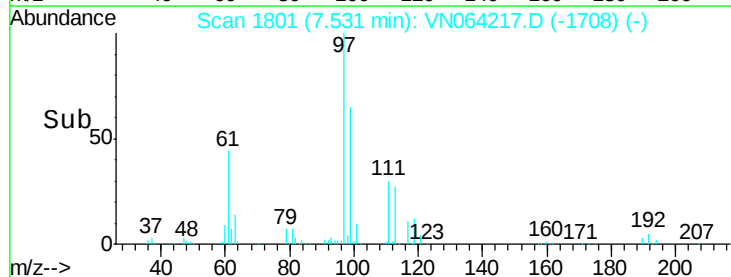
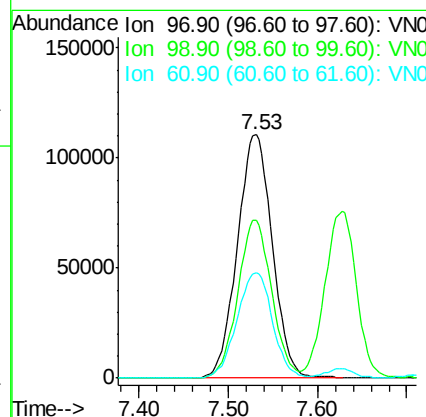
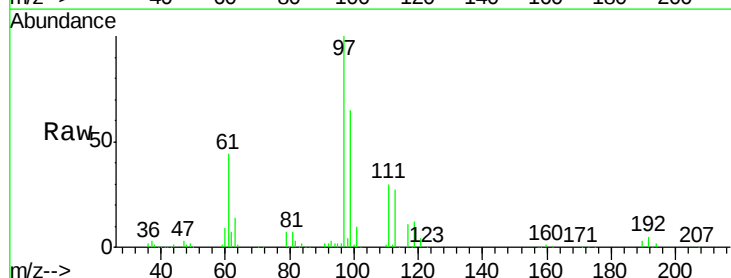
RT: 7.53 min Scan# 1801

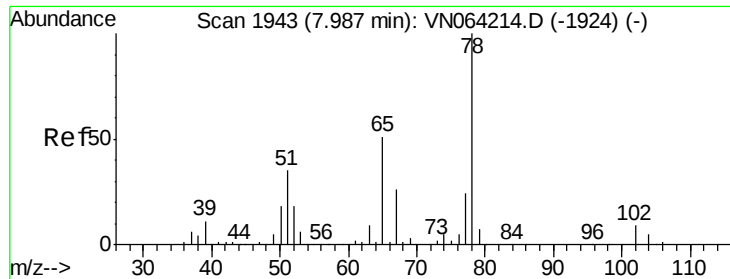
Delta R.T. -0.00 min

Lab File: VN064217.D

Acq: 21 Oct 2020 13:19

Tgt Ion:	97	Resp:	301269
Ion Ratio	Lower	Upper	
97	100		
99	62.7	51.2	76.8
61	43.9	36.3	54.5





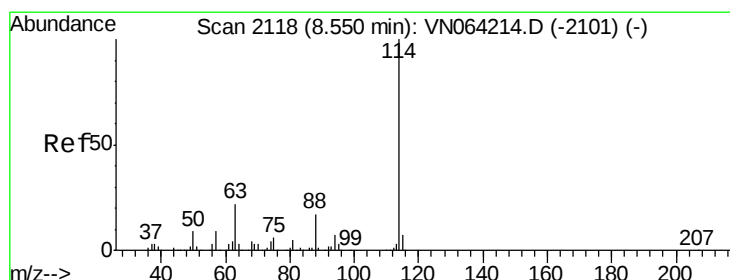
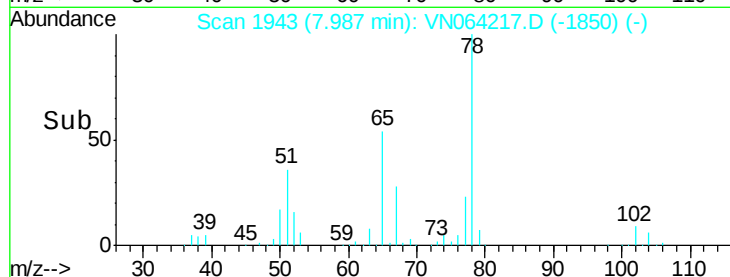
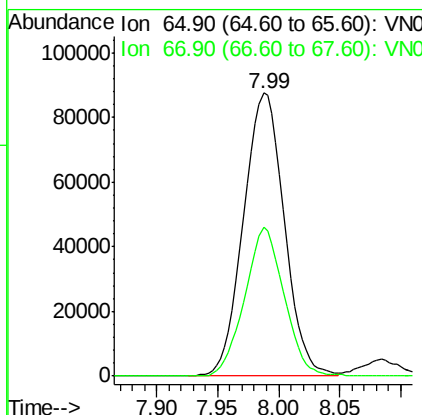
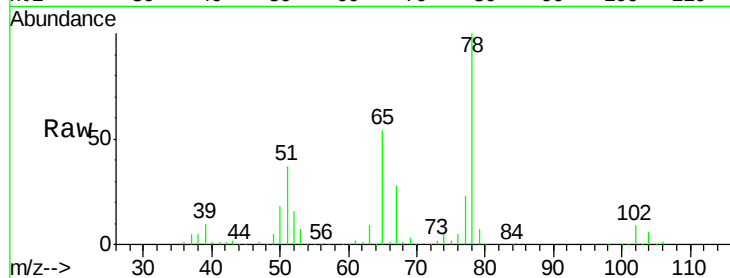
#33
 1,2-Dichloroethane-d4
 Concen: 47.330 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064217.D
 Acq: 21 Oct 2020 13:19

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102120

Tot Ion	Ratio	Resp	Lower	Upper
65	100	202956		
67	50.5	0.0	100.2	

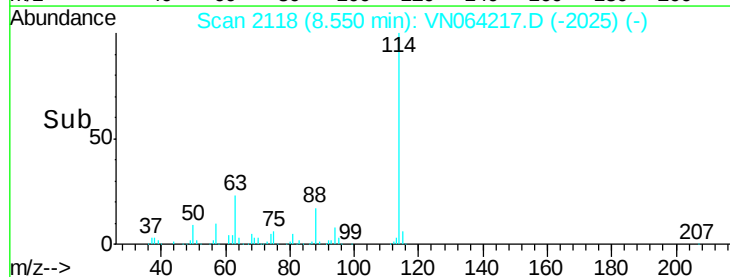
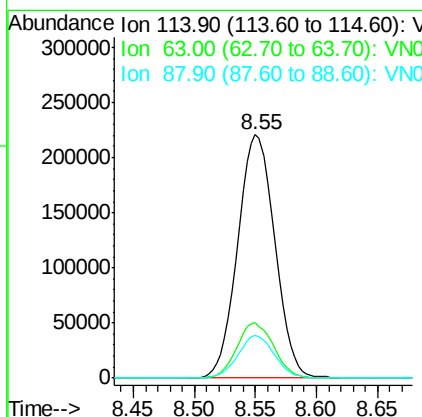
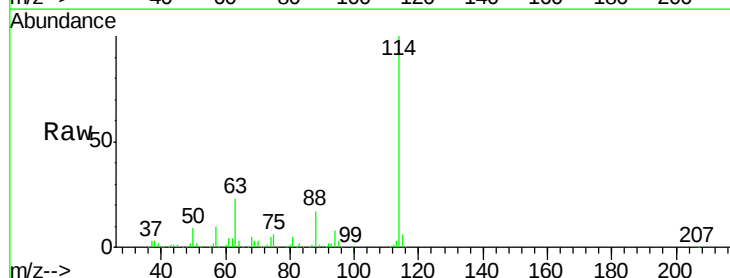
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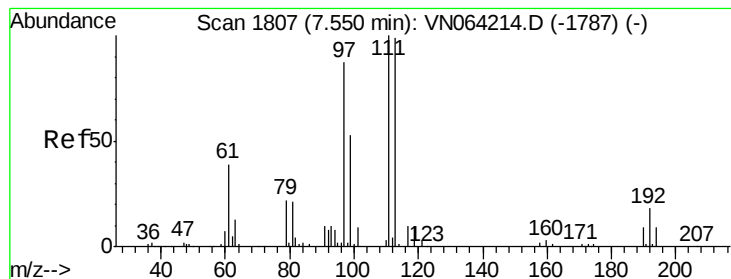
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064217.D
 Acq: 21 Oct 2020 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	464362		
63	22.5	0.0	44.0	
88	17.4	0.0	34.2	





#35

Dibromofluoromethane

Concen: 47.168 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VN064217.D

Acq: 21 Oct 2020 13:19

Instrument :

MSVOA_N

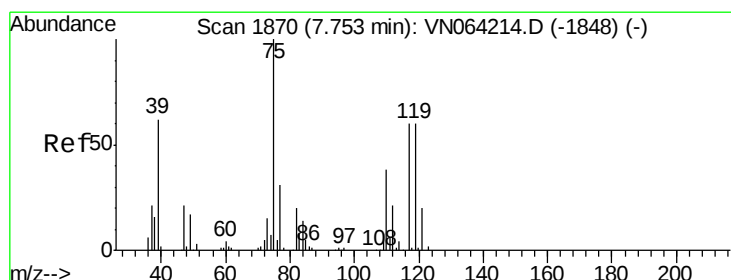
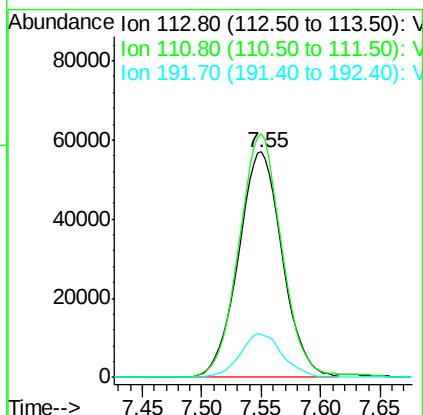
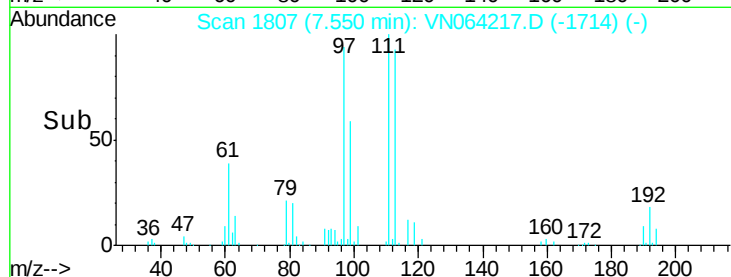
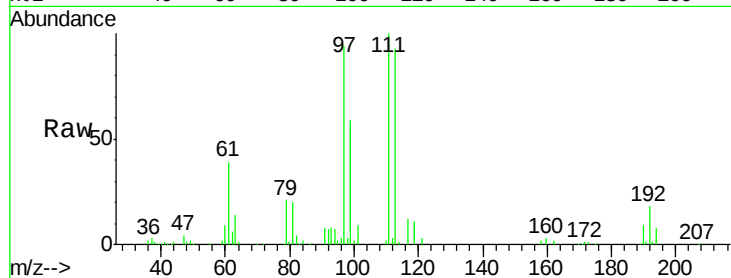
ClientSampleId :

ICVVN102120

Tot Ion:	113	Resp:	145622
Ion Ratio	Lower	Upper	
113	100		
111	105.4	84.2	126.2
192	18.6	15.2	22.8

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#36

1,1-Dichloropropene

Concen: 50.492 ug/l

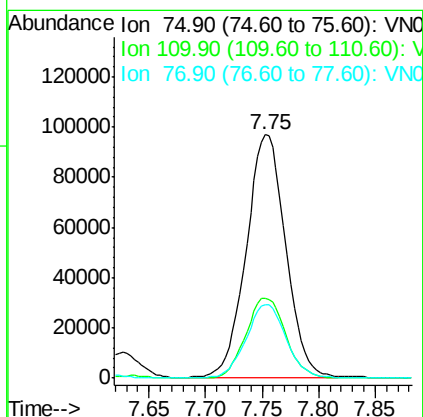
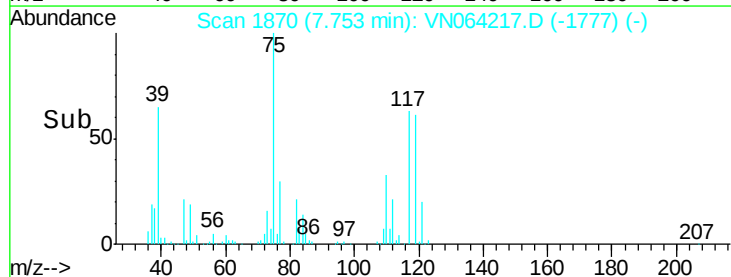
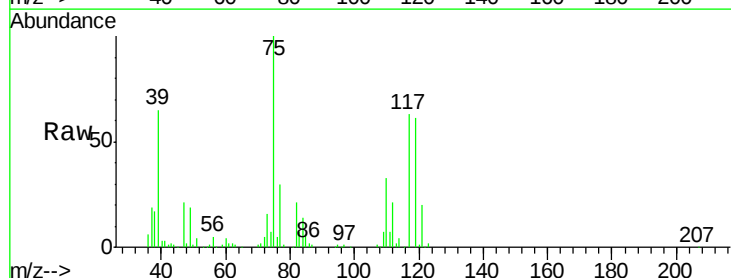
RT: 7.75 min Scan# 1870

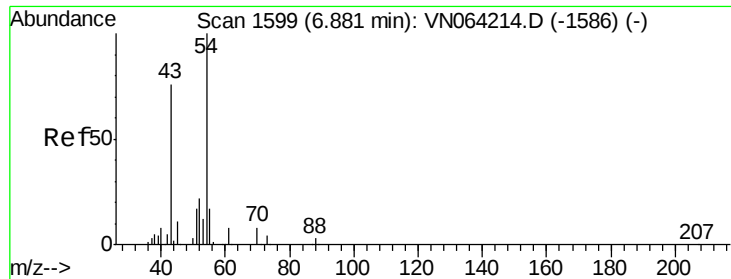
Delta R.T. -0.00 min

Lab File: VN064217.D

Acq: 21 Oct 2020 13:19

Tgt Ion:	75	Resp:	233750
Ion Ratio	Lower	Upper	
75	100		
110	33.3	17.2	51.6
77	30.4	24.9	37.3





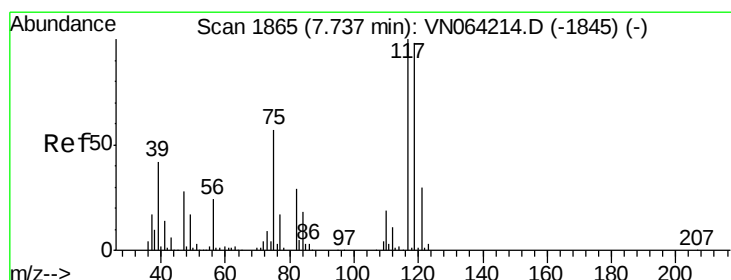
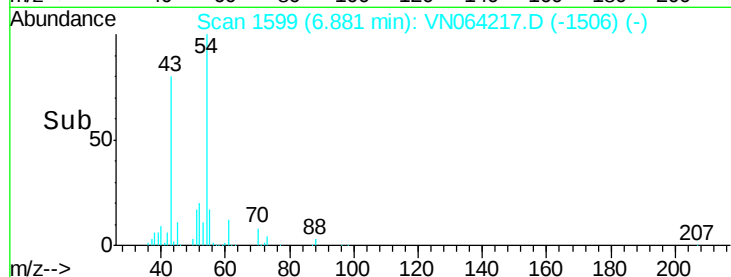
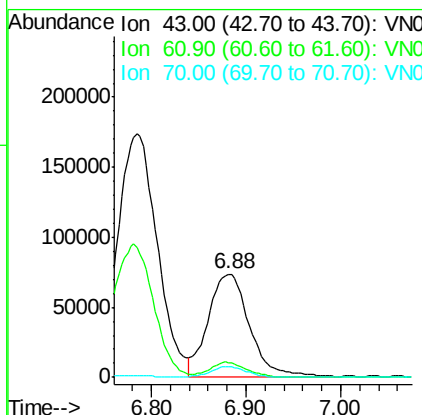
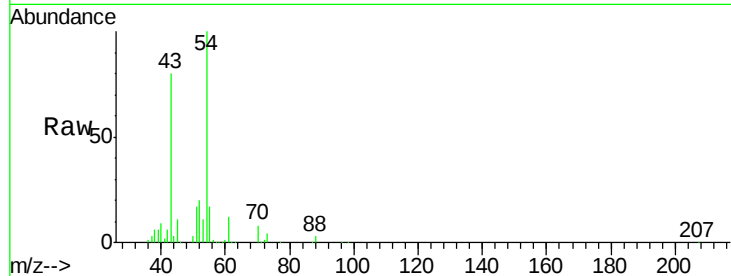
#37
Ethyl Acetate
Concen: 52.572 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN064217.D
Acq: 21 Oct 2020 13:19

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102120

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.0	15.0
70	9.3	7.5	11.3

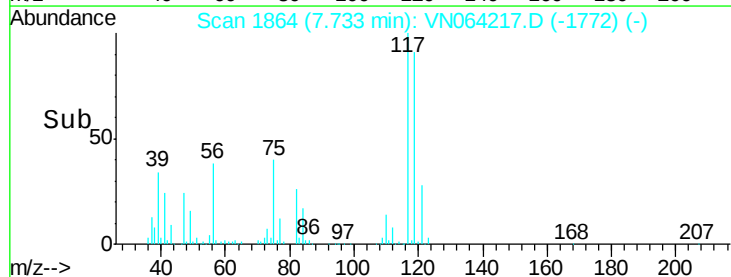
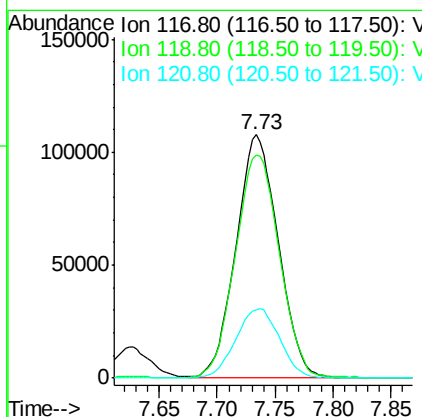
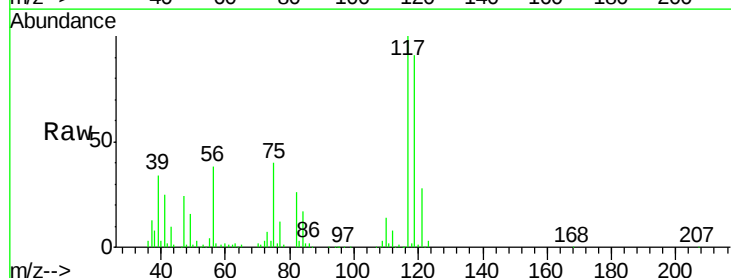
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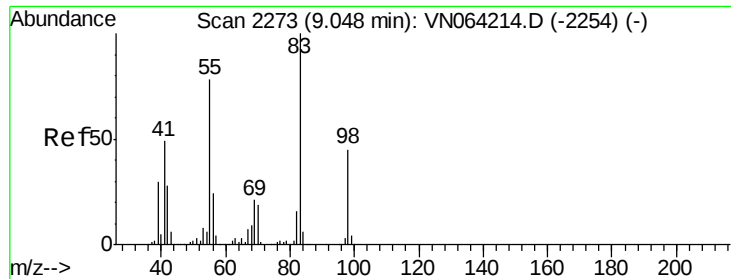
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#38
Carbon Tetrachloride
Concen: 51.483 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064217.D
Acq: 21 Oct 2020 13:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.4	78.5	117.7
121	28.2	24.3	36.5





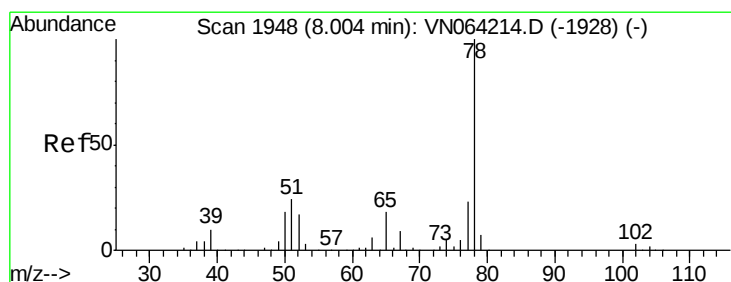
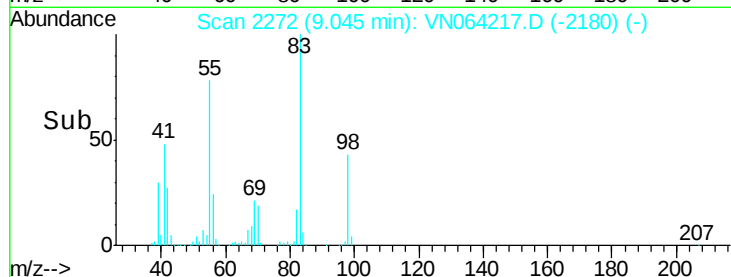
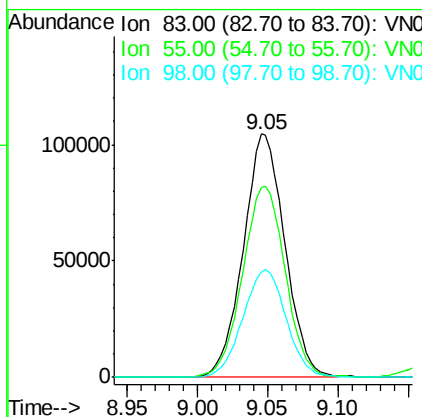
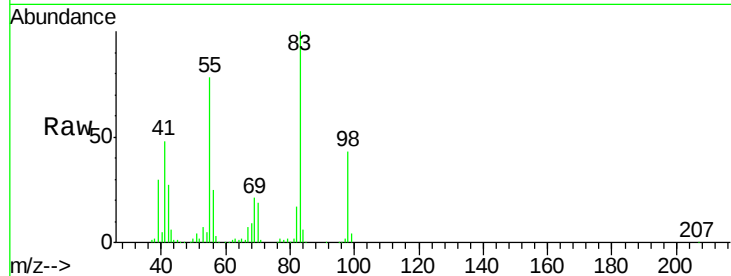
#39
Methvlcvclohexane
Concen: 51.341 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064217.D
Acq: 21 Oct 2020 13:19

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102120

Tot Ion	Ratio	Resp	Lower	Upper
83	100	216120		
55	78.1	62.2	93.2	
98	43.1	35.9	53.9	

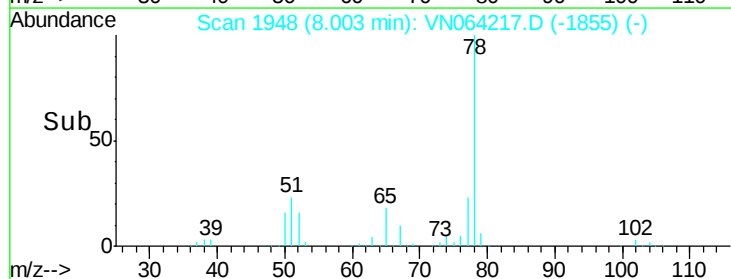
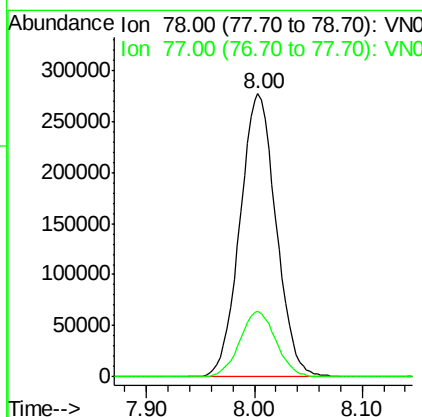
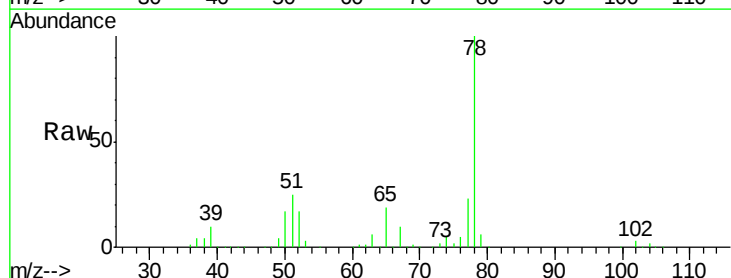
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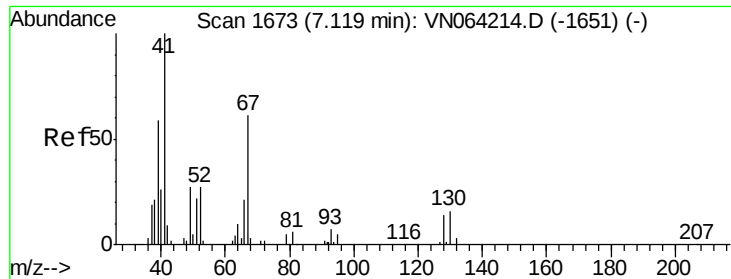
MMDadoda
10/22/2020 3:25:02 PM



#40
Benzene
Concen: 50.442 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN064217.D
Acq: 21 Oct 2020 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	644618		
77	23.2	18.3	27.5	





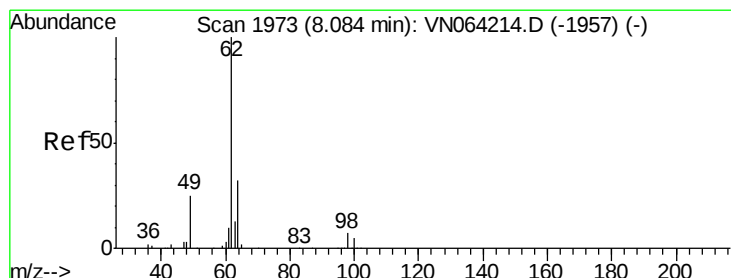
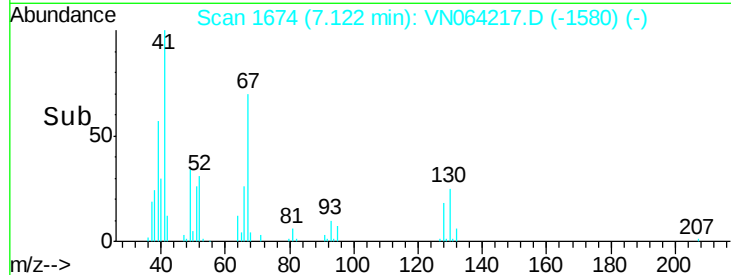
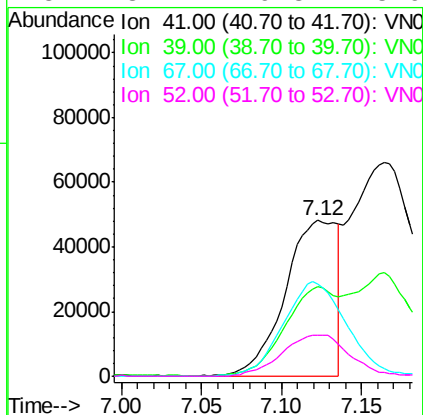
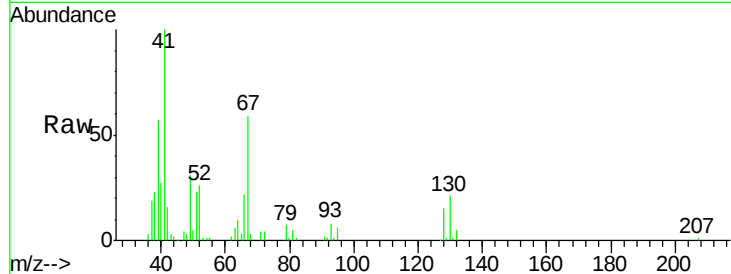
#41
Methacrylonitrile
Concen: 49.790 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VN064217.D
Acq: 21 Oct 2020 13:19

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102120

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.6	50.5	75.7	
67	74.0	63.2	94.8	
52	34.2	29.3	43.9	

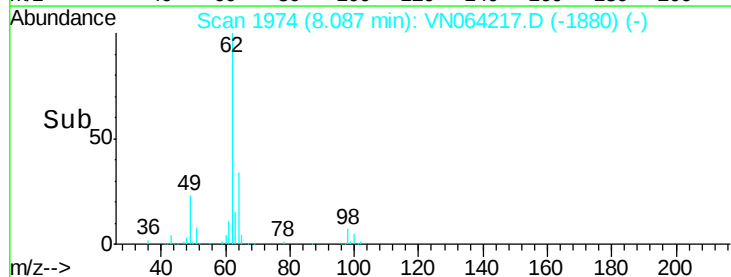
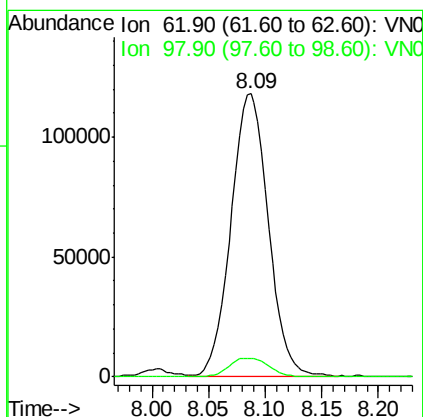
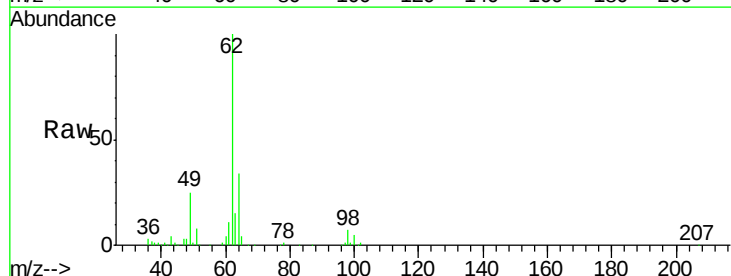
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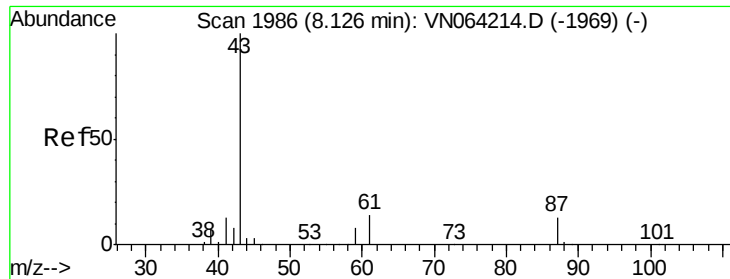
MMDadoda
10/22/2020 3:25:02 PM



#42
1,2-Dichloroethane
Concen: 49.320 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064217.D
Acq: 21 Oct 2020 13:19

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	7.3	0.0	15.0	





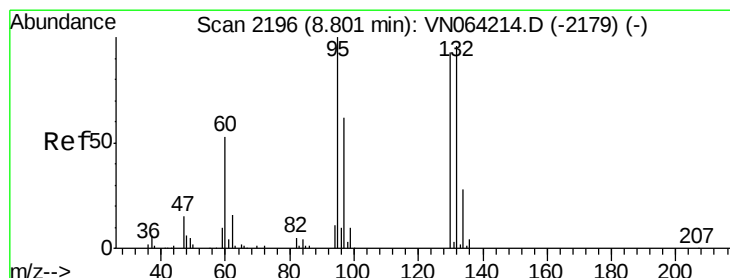
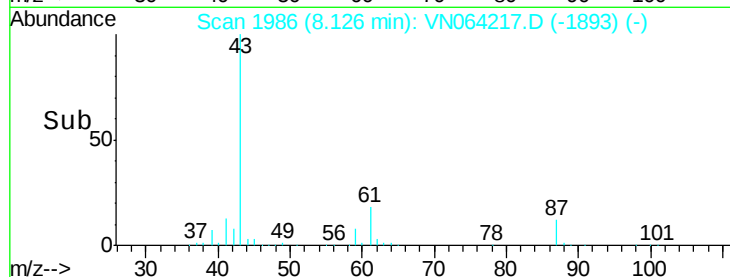
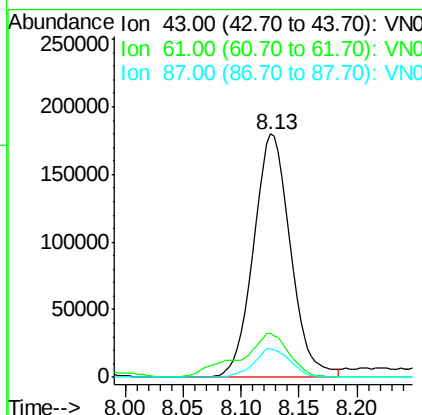
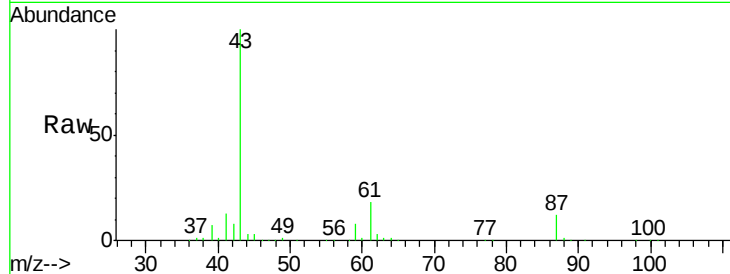
#43
Isopropyl Acetate
Concen: 50.885 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VN064217.D
Acq: 21 Oct 2020 13:19

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102120

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.9	19.6	29.4#
87	11.6	9.8	14.6

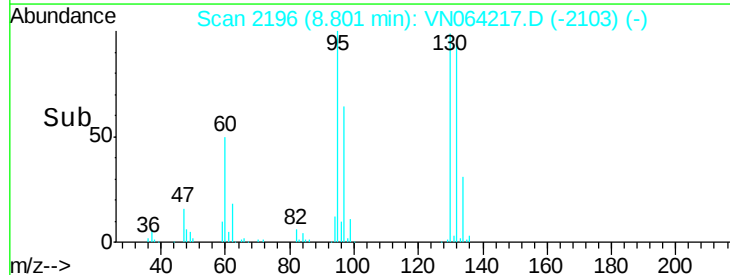
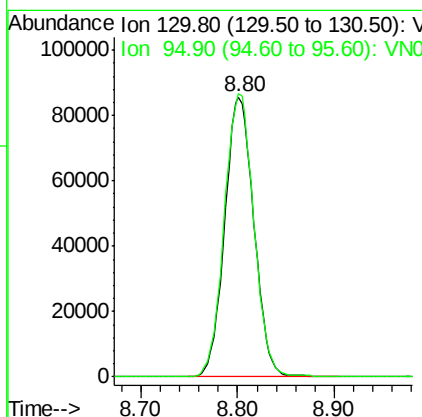
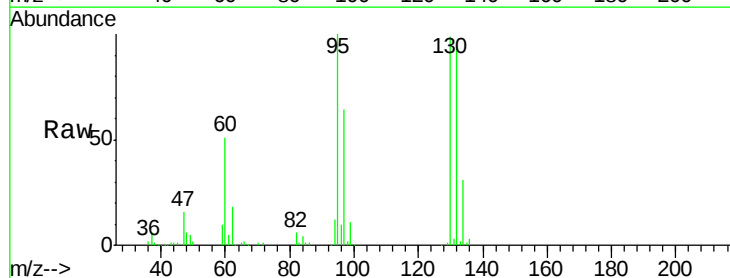
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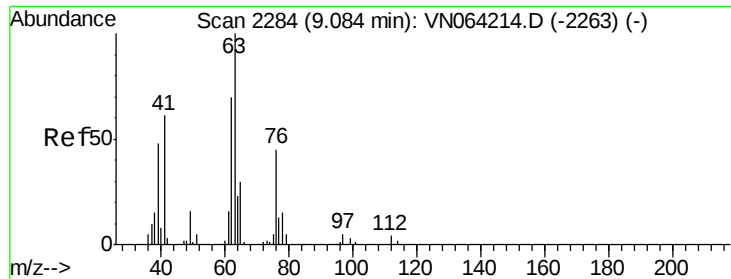
MMDadoda
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#44
Trichloroethene
Concen: 51.509 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. -0.00 min
Lab File: VN064217.D
Acq: 21 Oct 2020 13:19

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.1	0.0	214.0





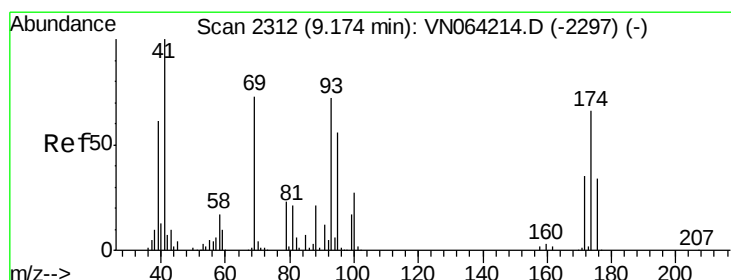
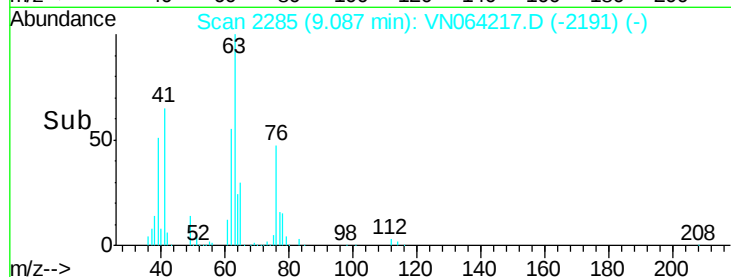
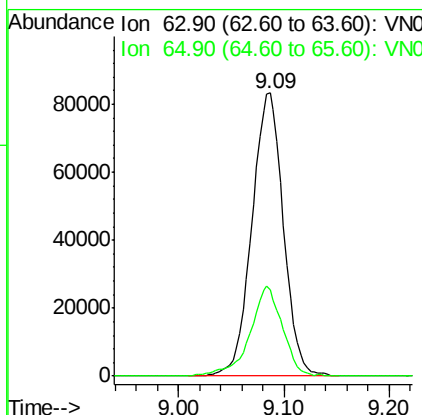
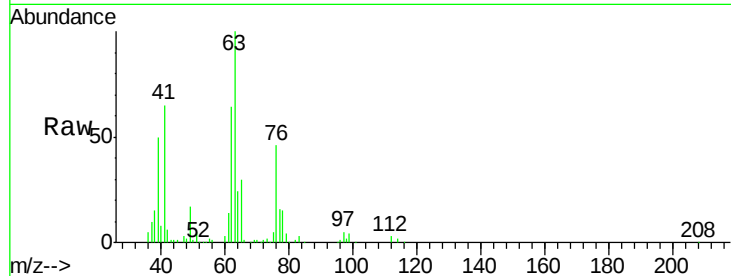
#45
 1,2-Dichloropropane
 Concen: 50.816 ug/l
 RT: 9.09 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN064217.D
 Acq: 21 Oct 2020 13:19

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102120

Tot Ion: 63 Resp: 173364
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.0 36.0

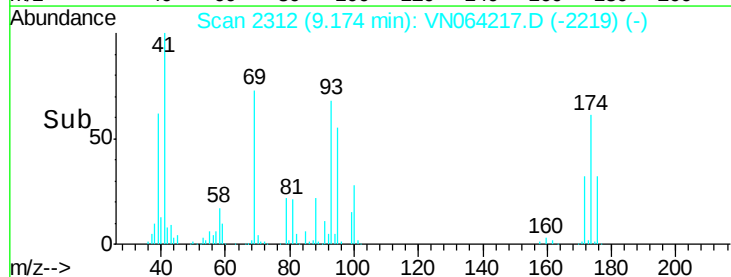
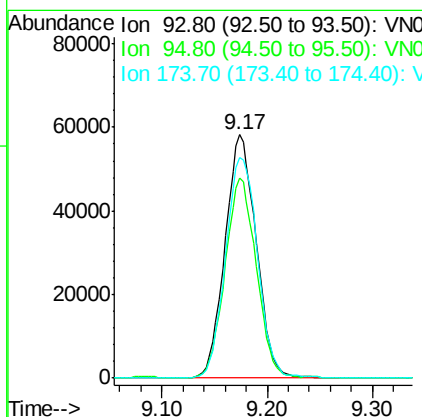
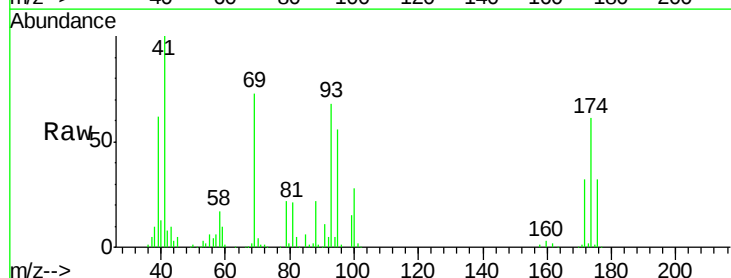
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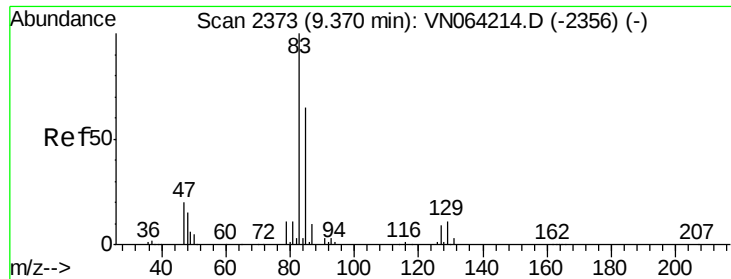
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#46
 Dibromomethane
 Concen: 52.064 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN064217.D
 Acq: 21 Oct 2020 13:19

Tgt Ion: 93 Resp: 119269
 Ion Ratio Lower Upper
 93 100
 95 82.2 63.0 94.4
 174 93.1 72.9 109.3





#47

Bromodichloromethane

Concen: 50.829 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN064217.D

Acq: 21 Oct 2020 13:19

Instrument :

MSVOA_N

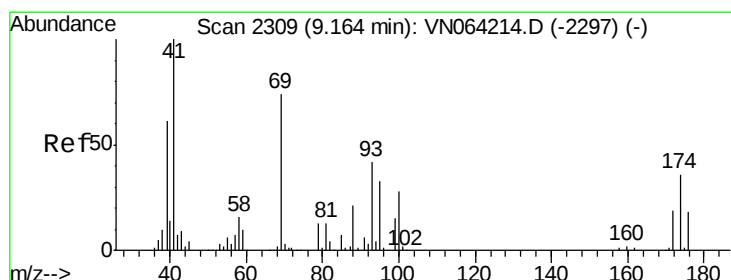
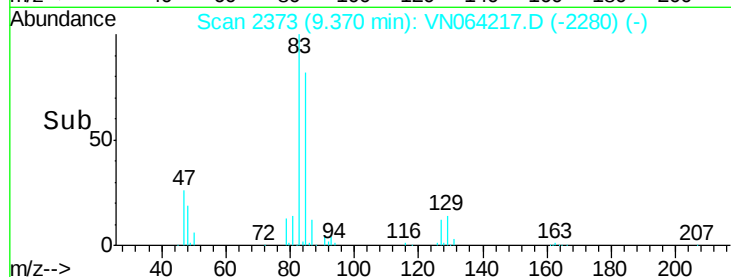
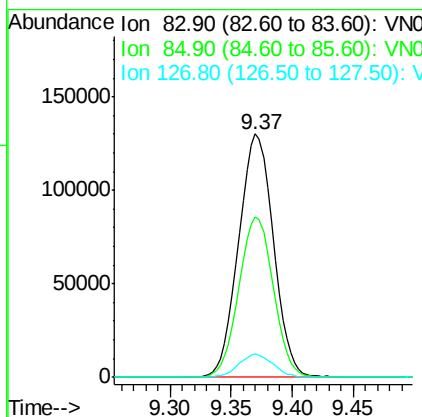
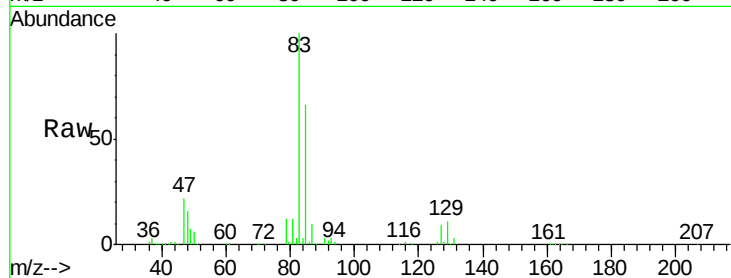
ClientSampleId :

ICVVN102120

Tot Ion:	83	Resp:	257248
Ion	Ratio	Lower	Upper
83	100		
85	66.1	51.8	77.8
127	9.4	7.4	11.0

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#48

Methyl methacrylate

Concen: 47.811 ug/l

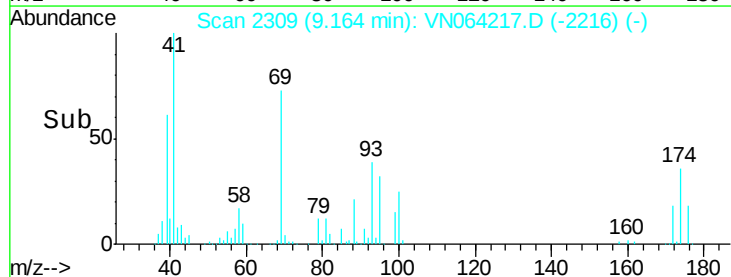
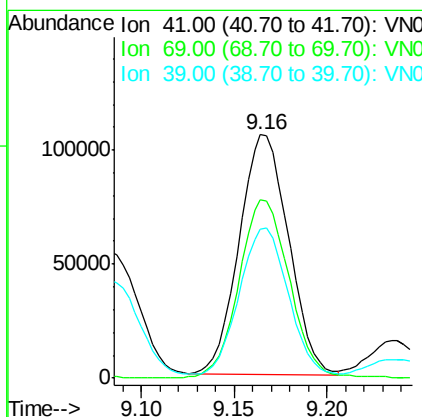
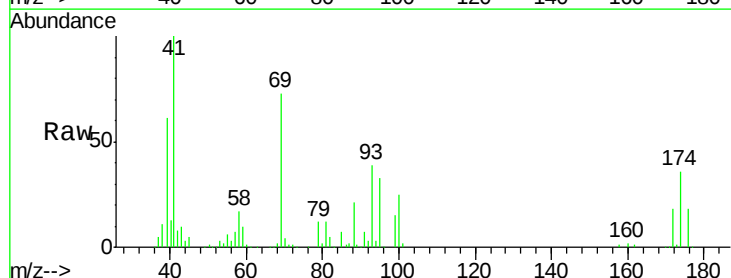
RT: 9.16 min Scan# 2309

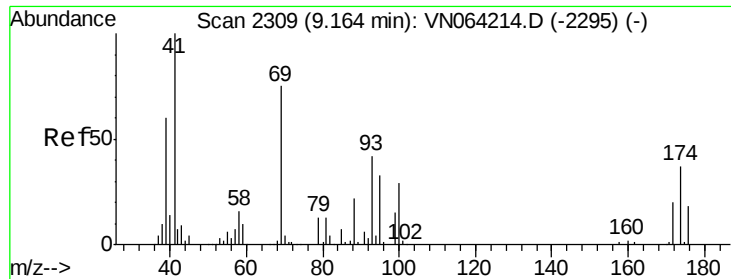
Delta R.T. -0.00 min

Lab File: VN064217.D

Acq: 21 Oct 2020 13:19

Tgt Ion:	41	Resp:	195647
Ion	Ratio	Lower	Upper
41	100		
69	75.6	57.3	85.9
39	62.8	48.6	73.0





#49

1,4-Dioxane

Concen: 995.425 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064217.D

Acq: 21 Oct 2020 13:19

Instrument :

MSVOA_N

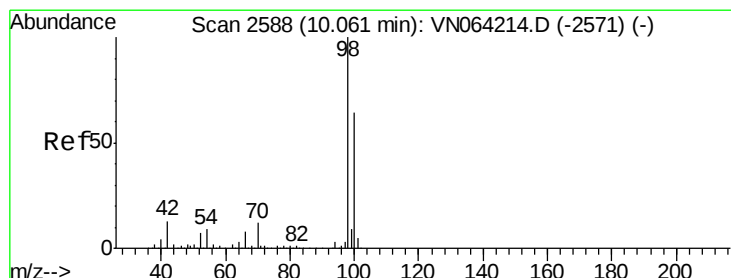
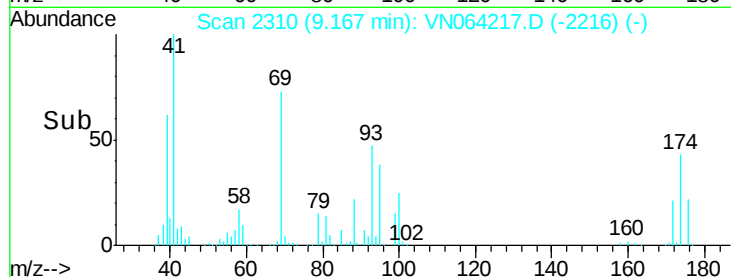
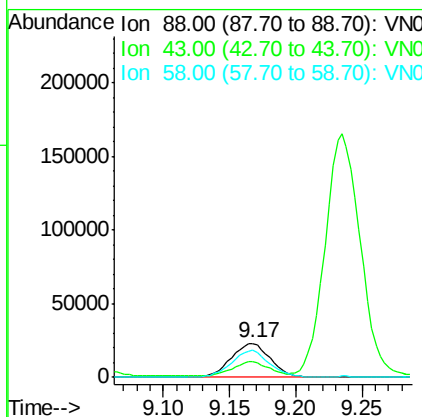
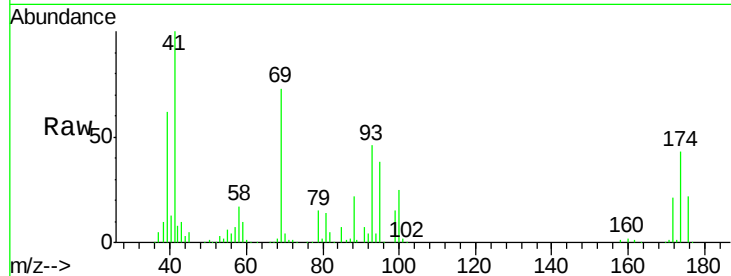
ClientSampleId :

ICVVN102120

Tot Ion:	88	Resp:	47660
Ion	Ratio	Lower	Upper
88	100		
43	40.1	34.6	52.0
58	76.2	59.0	88.6

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#50

Toluene-d8

Concen: 48.240 ug/l

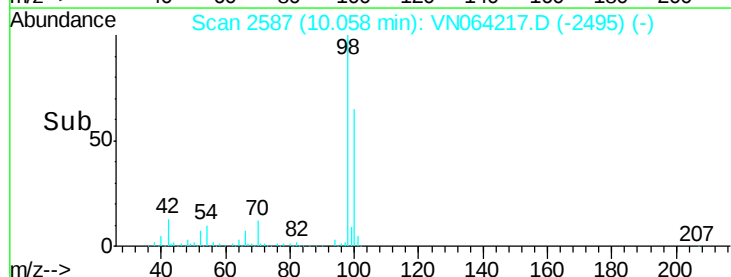
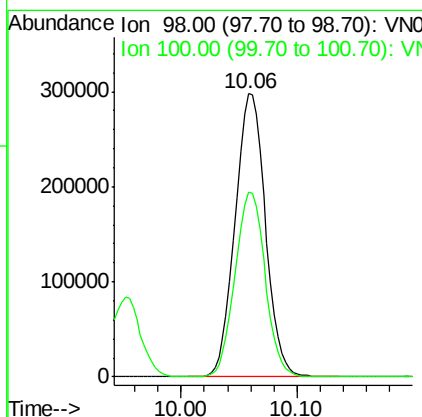
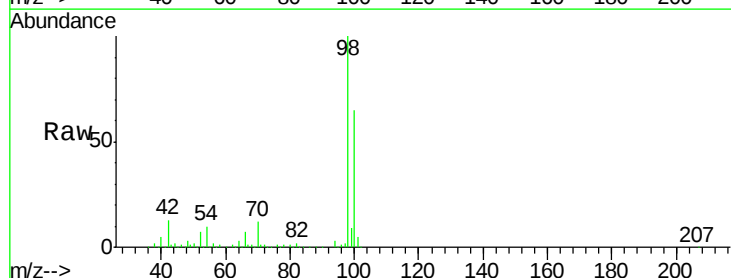
RT: 10.06 min Scan# 2587

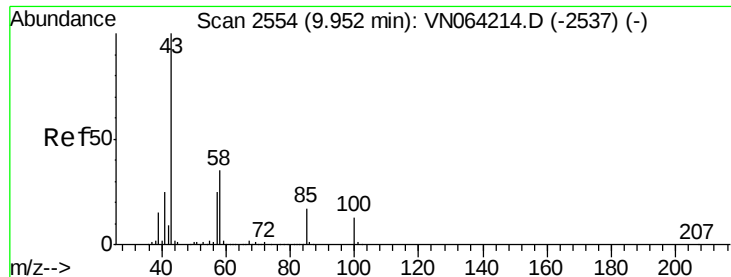
Delta R.T. -0.00 min

Lab File: VN064217.D

Acq: 21 Oct 2020 13:19

Tgt Ion:	98	Resp:	540253
Ion	Ratio	Lower	Upper
98	100		
100	64.8	50.8	76.2





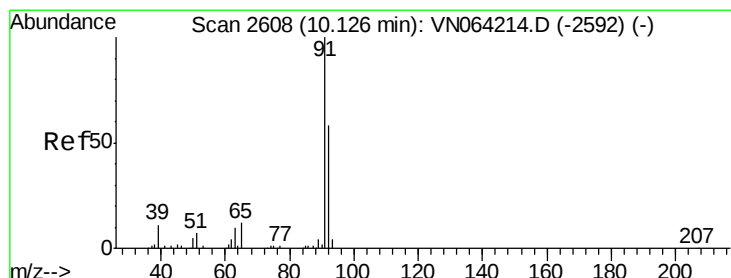
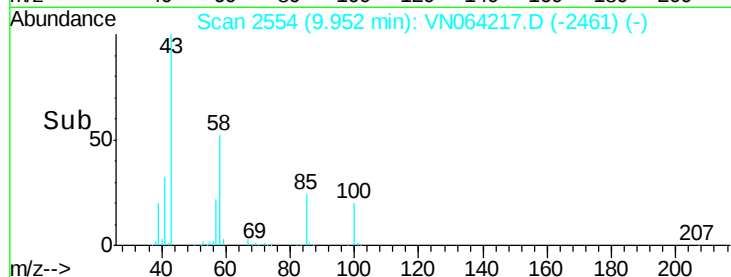
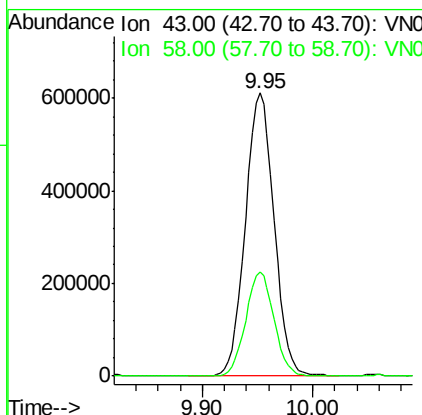
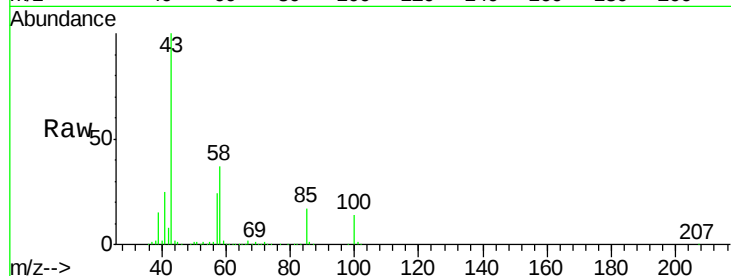
#51
4-Methyl-2-Pentanone
Concen: 262.042 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN064217.D
Acq: 21 Oct 2020 13:19

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102120

Tot Ion: 43 Resp: 1097066
Ion Ratio Lower Upper
43 100
58 36.3 28.6 42.8

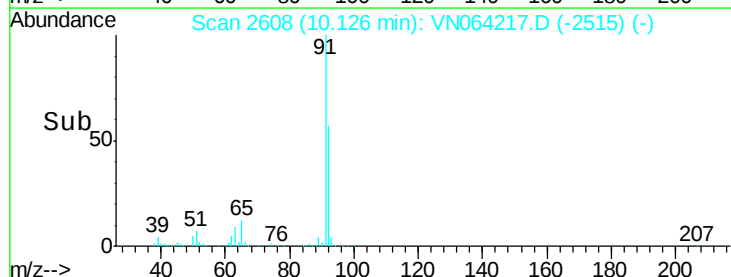
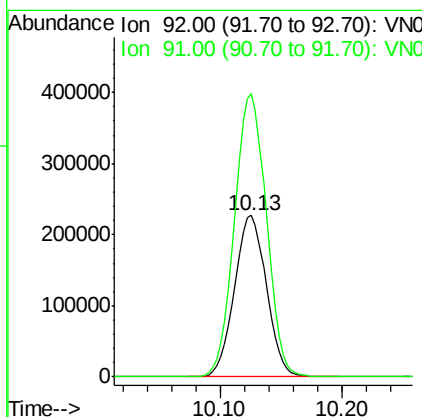
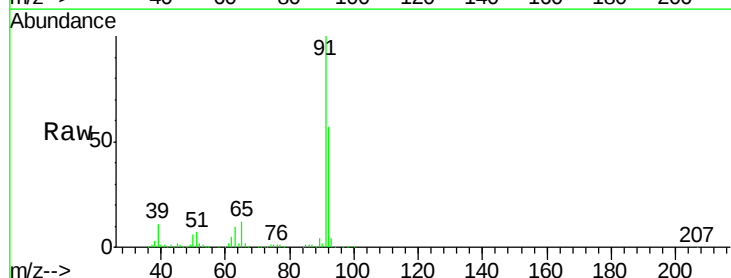
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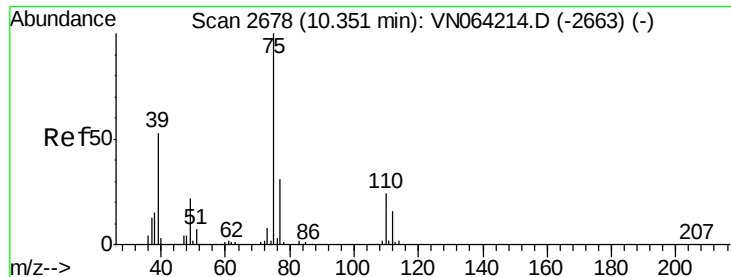
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#52
Toluene
Concen: 50.395 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. -0.00 min
Lab File: VN064217.D
Acq: 21 Oct 2020 13:19

Tgt Ion: 92 Resp: 412077
Ion Ratio Lower Upper
92 100
91 175.4 137.4 206.2





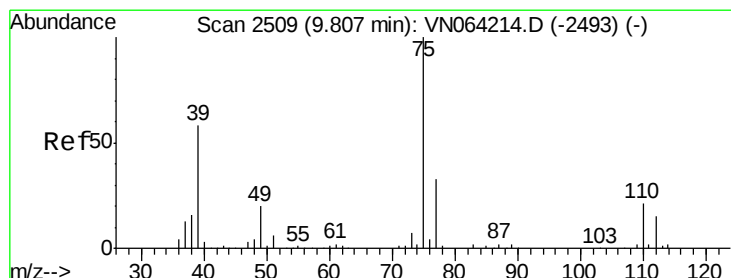
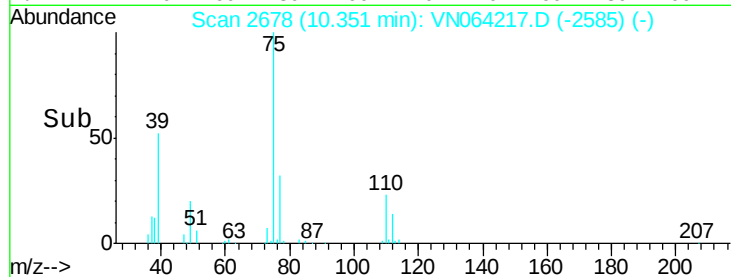
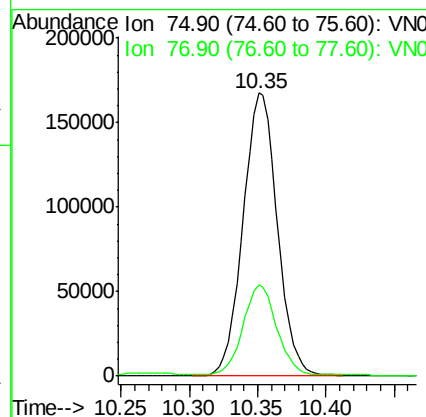
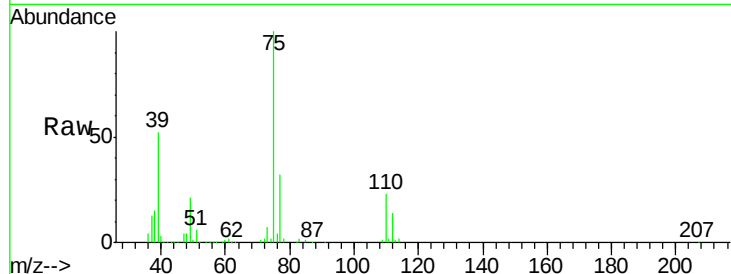
#53
t-1,3-Dichloropropene
Concen: 51.997 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN064217.D
Acq: 21 Oct 2020 13:19

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102120

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.4	38.2

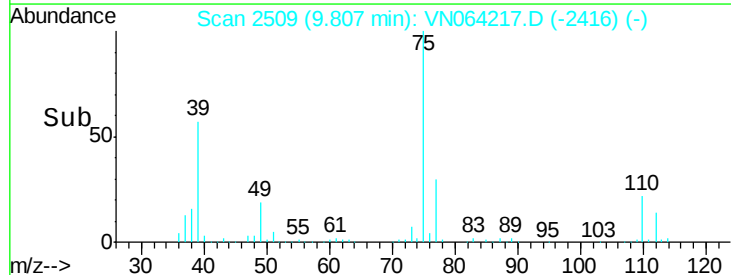
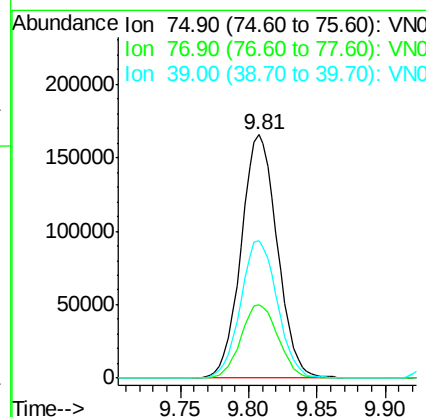
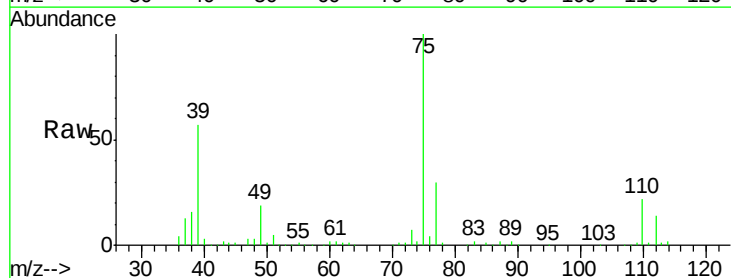
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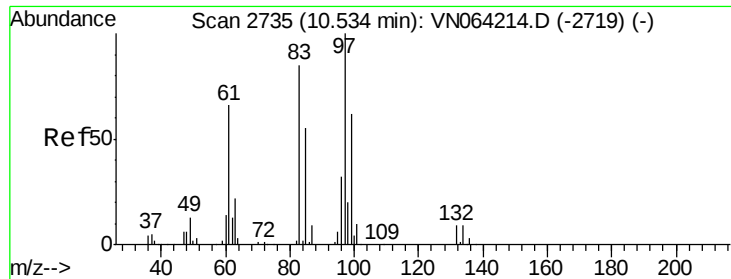
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#54
cis-1,3-Dichloropropene
Concen: 51.540 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN064217.D
Acq: 21 Oct 2020 13:19

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.1	26.6	39.8
39	56.5	46.7	70.1





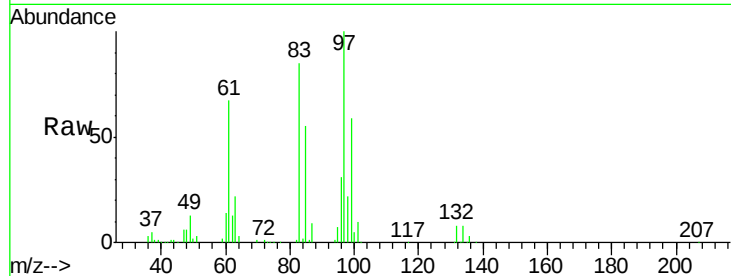
#55
 1,1,2-Trichloroethane
 Concen: 52.557 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. -0.00 min
 Lab File: VN064217.D
 Acq: 21 Oct 2020 13:19

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102120

Tot Ion	97	Resp	162311
Ion	Ratio	Lower	Upper
97	100		
83	84.6	67.8	101.6
85	54.7	43.6	65.4
99	59.5	49.9	74.9

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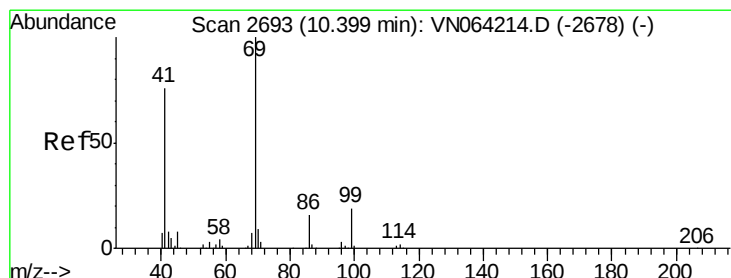
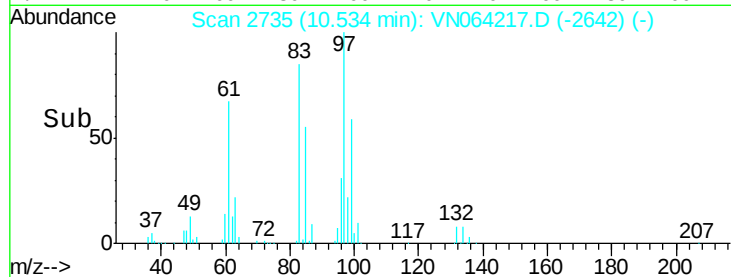
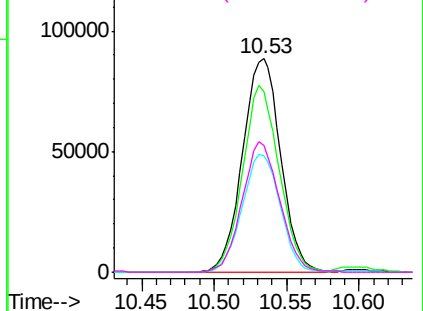


Abundance Ion 96.90 (96.60 to 97.60): VN064217.D (-2642) (-)

Ion 82.90 (82.60 to 83.60): VN064217.D (-2642) (-)

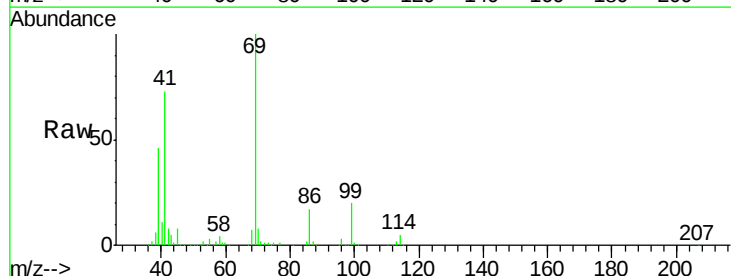
Ion 84.90 (84.60 to 85.60): VN064217.D (-2642) (-)

Ion 98.90 (98.60 to 99.60): VN064217.D (-2642) (-)



#56
 Ethyl methacrylate
 Concen: 53.070 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN064217.D
 Acq: 21 Oct 2020 13:19

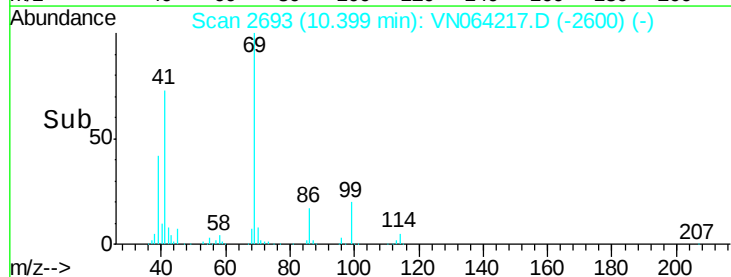
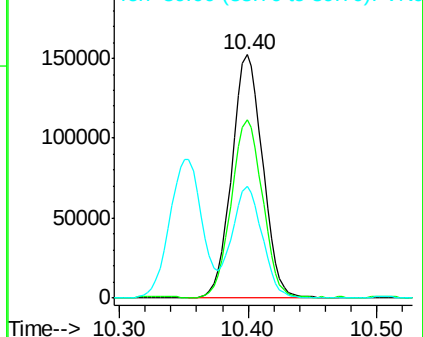
Tgt Ion	69	Resp	253423
Ion	Ratio	Lower	Upper
69	100		
41	73.9	61.4	92.2
39	44.8	36.0	54.0

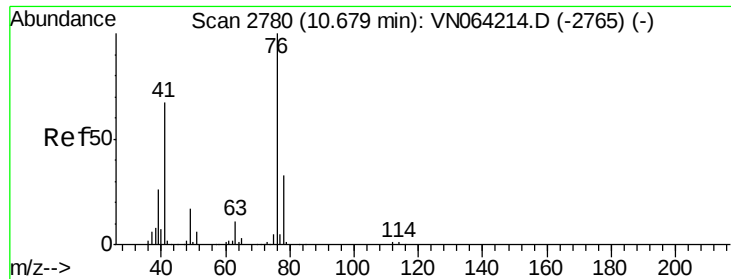


Abundance Ion 69.00 (68.70 to 69.70): VN064217.D (-2600) (-)

Ion 41.00 (40.70 to 41.70): VN064217.D (-2600) (-)

Ion 39.00 (38.70 to 39.70): VN064217.D (-2600) (-)





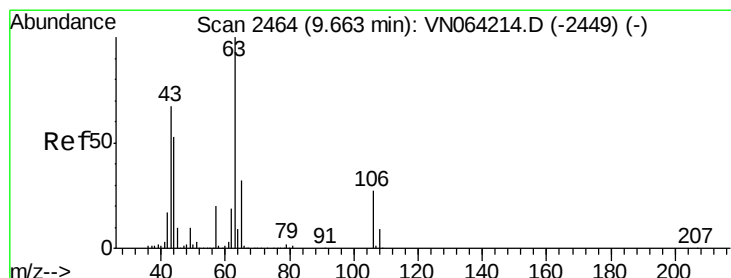
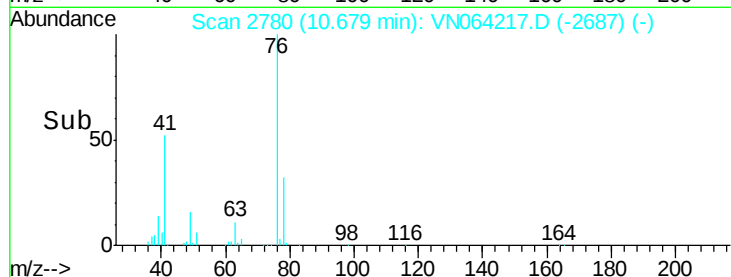
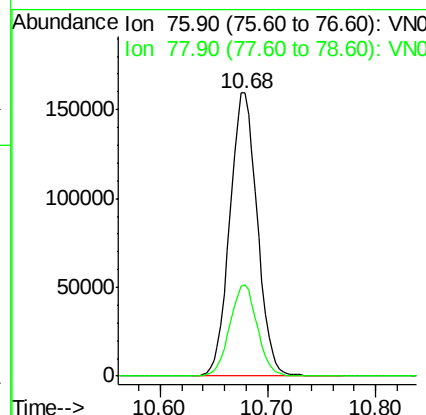
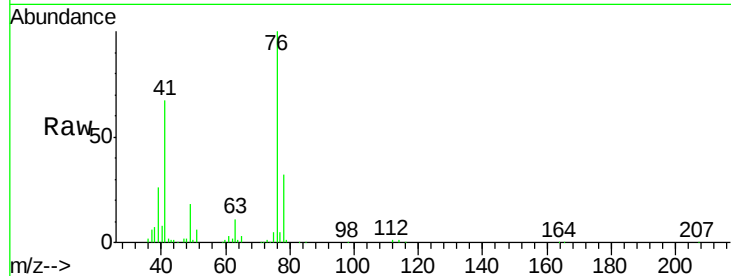
#57
 1,3-Dichloropropane
 Concen: 52.815 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. -0.00 min
 Lab File: VN064217.D
 Acq: 21 Oct 2020 13:19

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102120

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.2	39.2

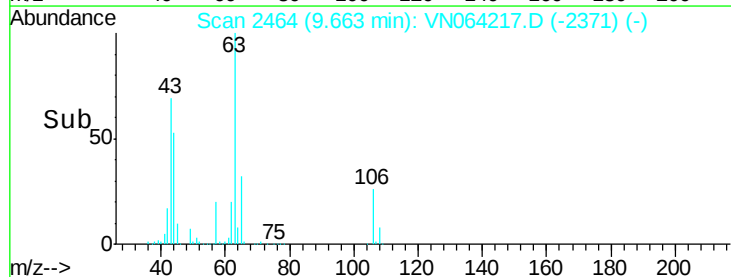
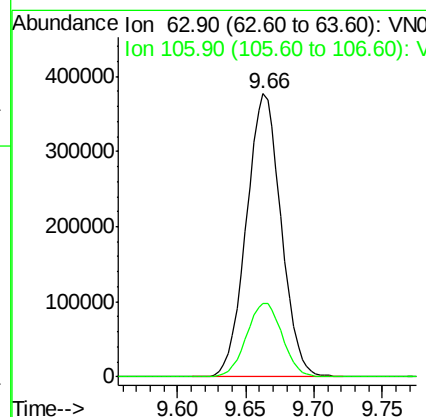
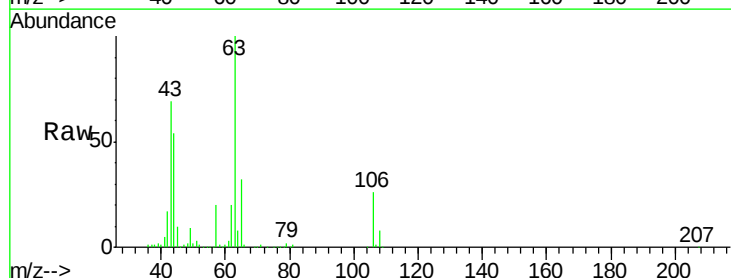
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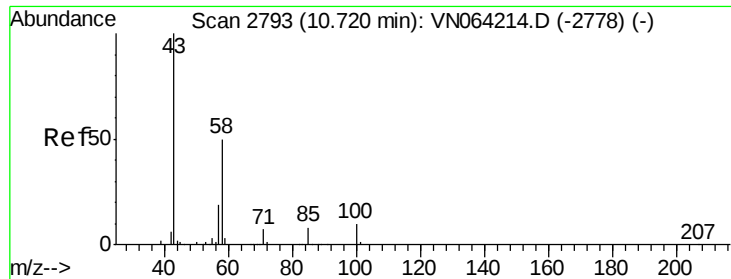
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#58
 2-Chloroethyl Vinyl ether
 Concen: 270.918 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN064217.D
 Acq: 21 Oct 2020 13:19

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.6	21.3	31.9





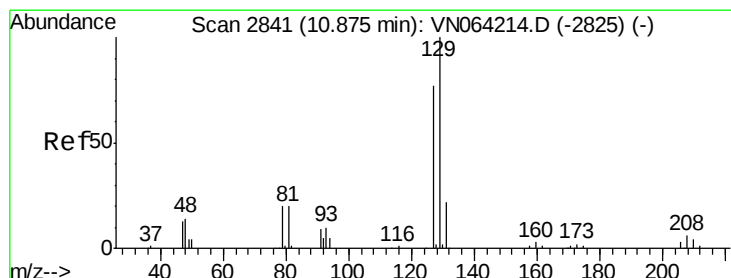
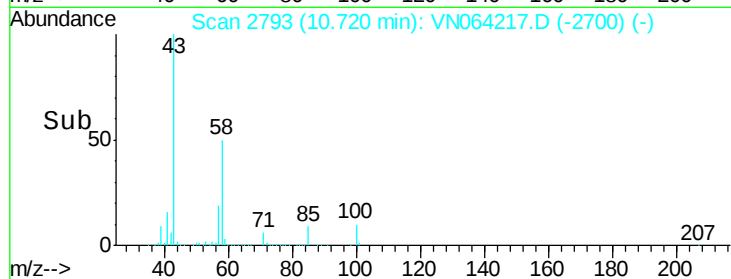
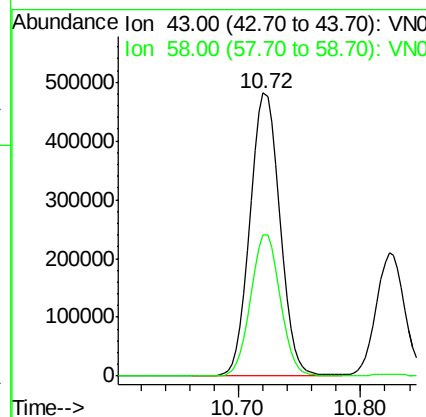
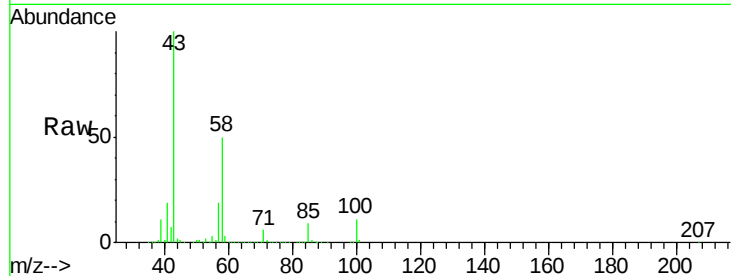
#59
2-Hexanone
Concen: 265.442 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064217.D
Acq: 21 Oct 2020 13:19

Instrument :
MSVOA_N
ClientSampled :
ICVVN102120

Tot Ion: 43 Resp: 811590
Ion Ratio Lower Upper
43 100
58 49.6 24.8 74.3

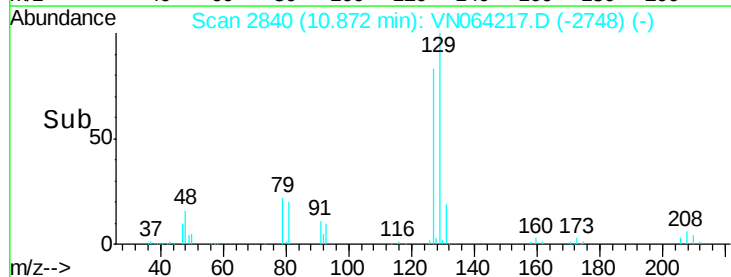
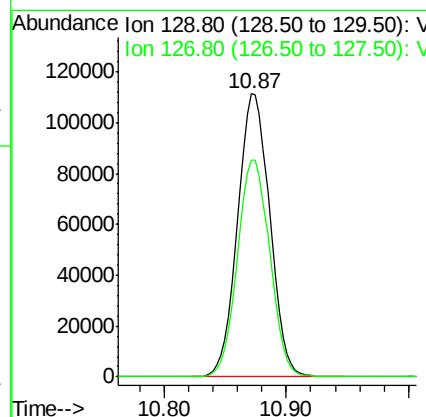
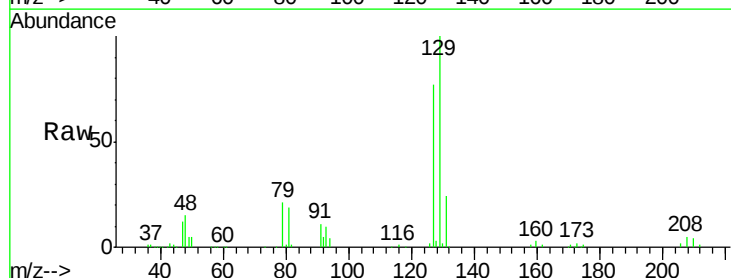
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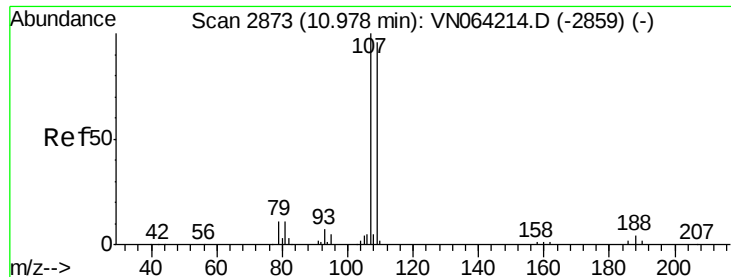
MMDadoda
10/22/2020 3:25:02 PM



#60
Dibromochloromethane
Concen: 51.067 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064217.D
Acq: 21 Oct 2020 13:19

Tgt Ion: 129 Resp: 204161
Ion Ratio Lower Upper
129 100
127 76.9 38.8 116.3





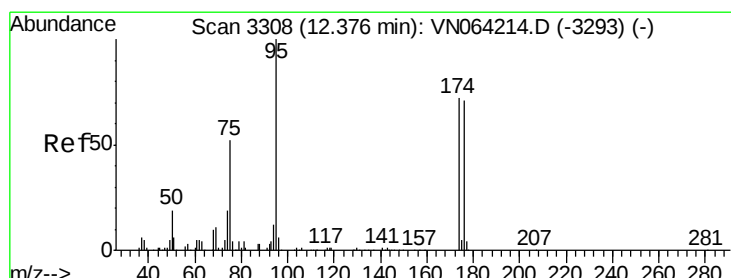
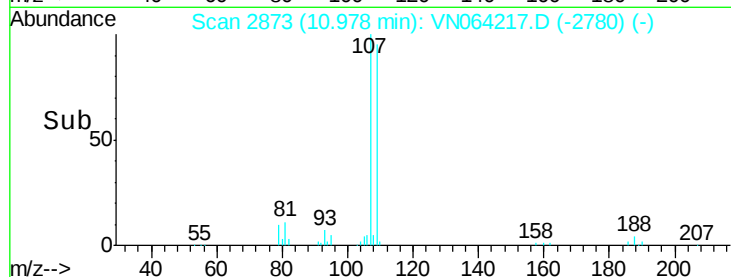
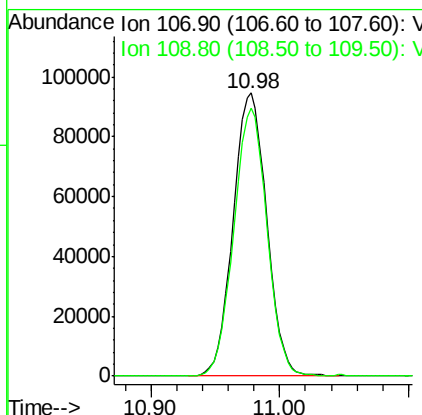
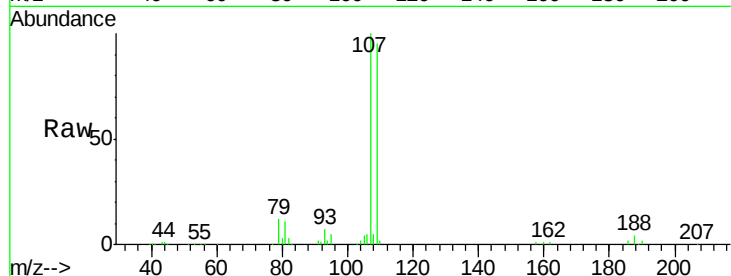
#61
 1,2-Dibromoethane
 Concen: 52.588 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN064217.D
 Acq: 21 Oct 2020 13:19

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102120

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.6	76.2	114.4

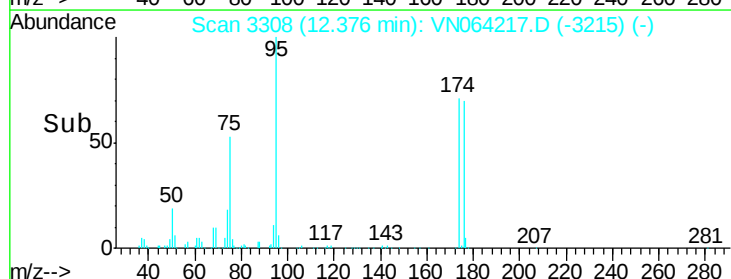
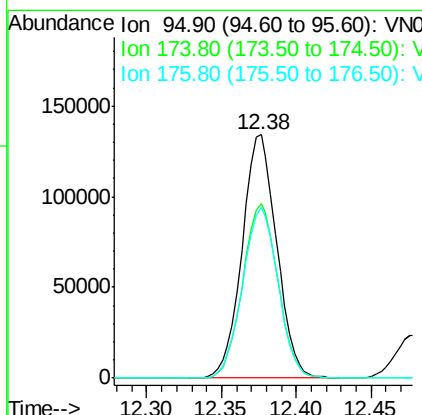
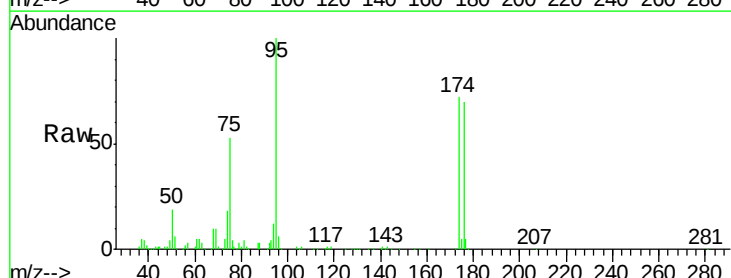
Manual Integrations
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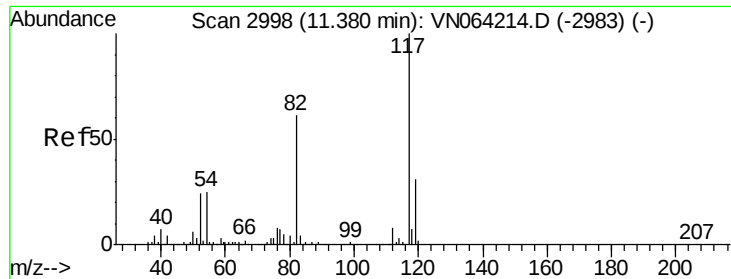
MMDadoda
 10/22/2020 3:25:02 PM



#62
 4-Bromofluorobenzene
 Concen: 47.587 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN064217.D
 Acq: 21 Oct 2020 13:19

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.1	0.0	144.4
176	72.1	0.0	139.2





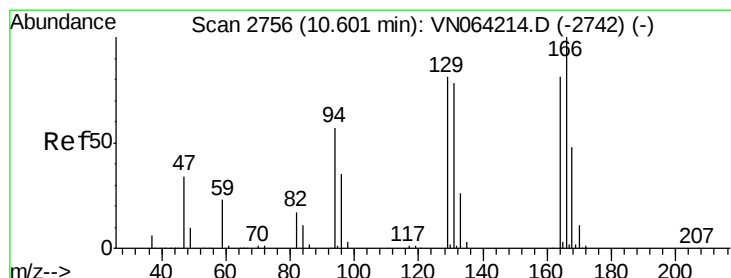
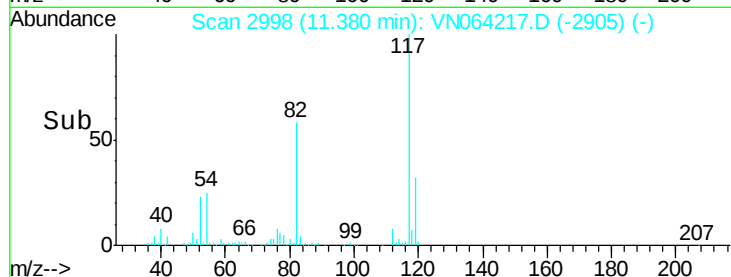
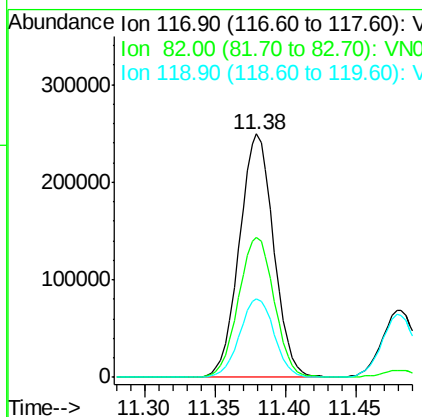
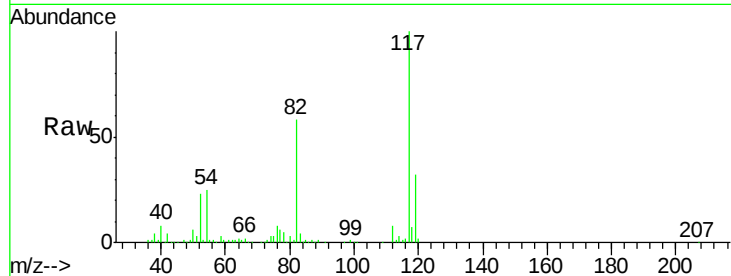
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064217.D
Acq: 21 Oct 2020 13:19

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102120

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.7	48.8	73.2
119	32.2	24.7	37.1

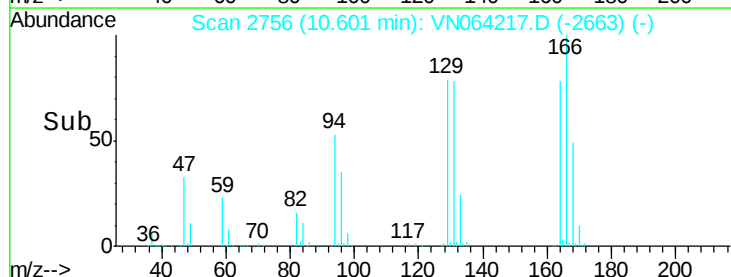
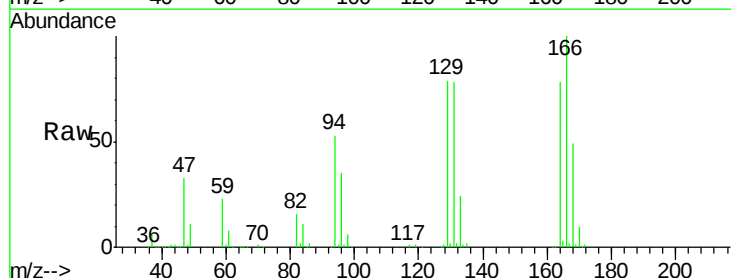
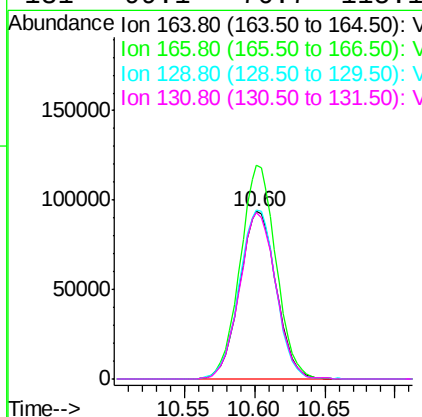
Manual Integrations
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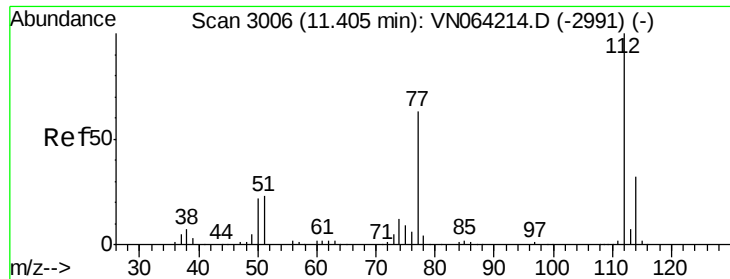
MMDadoda
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#64
Tetrachloroethene
Concen: 49.749 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064217.D
Acq: 21 Oct 2020 13:19

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.4	98.9	148.3
129	101.1	79.9	119.9
131	99.1	76.7	115.1





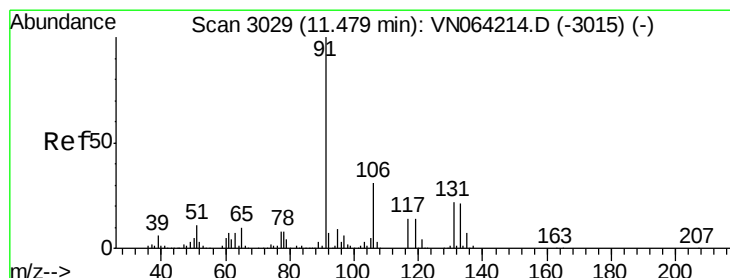
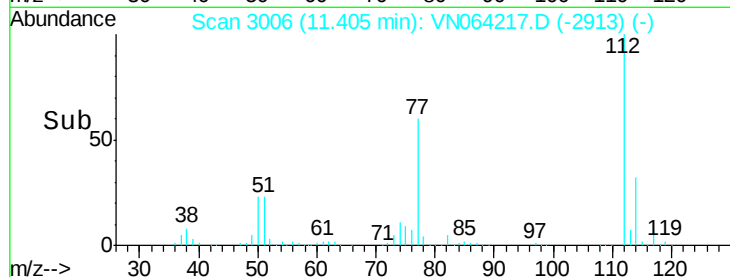
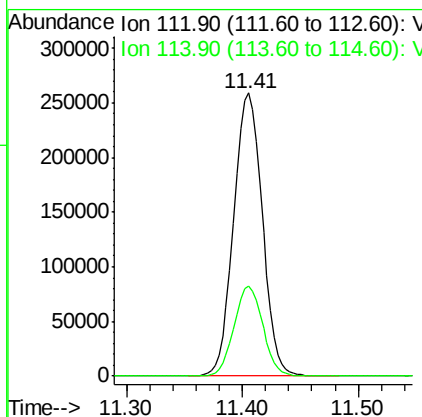
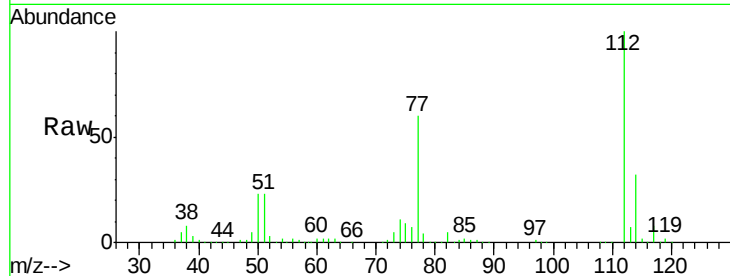
#65
Chlorobenzene
Concen: 50.383 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN064217.D
Acq: 21 Oct 2020 13:19

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102120

Tot Ion:112 Resp: 444233
Ion Ratio Lower Upper
112 100
114 31.7 25.7 38.5

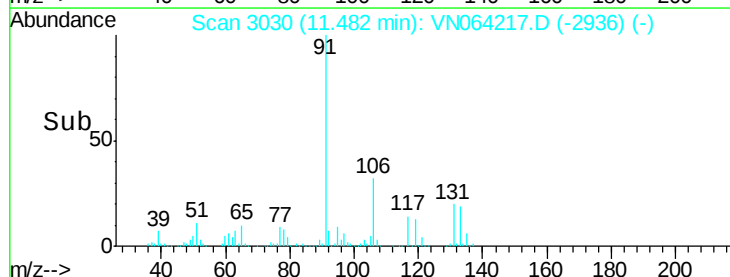
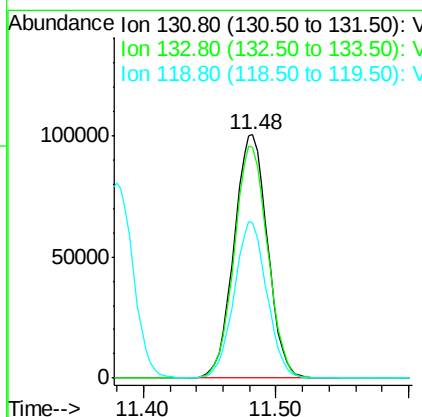
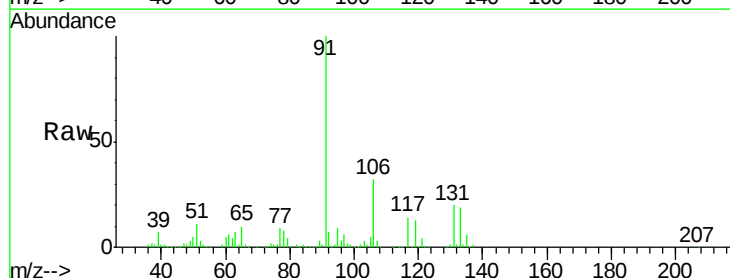
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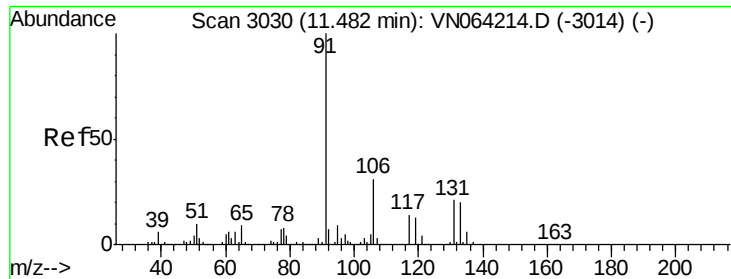
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.255 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064217.D
Acq: 21 Oct 2020 13:19

Tgt Ion:131 Resp: 175887
Ion Ratio Lower Upper
131 100
133 95.1 47.8 143.4
119 62.7 32.2 96.6





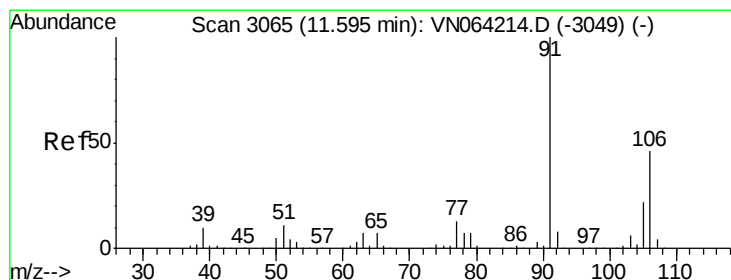
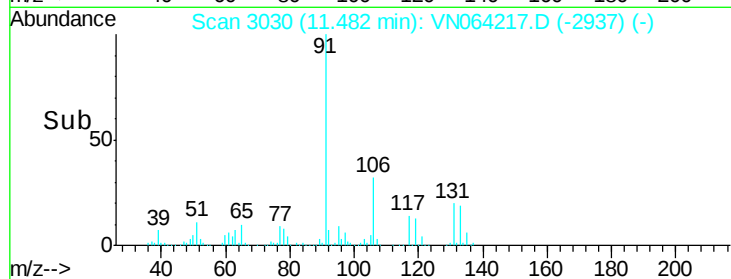
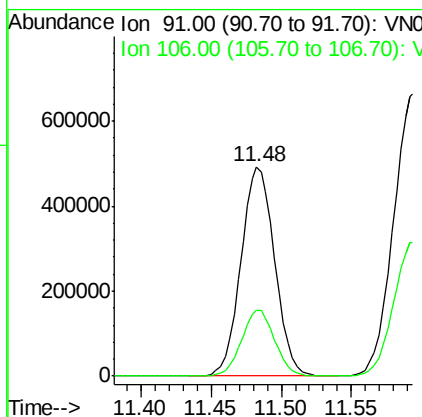
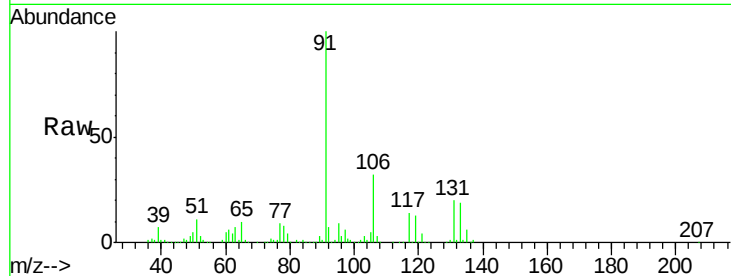
#67
Ethyl Benzene
Concen: 50.871 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064217.D
Acq: 21 Oct 2020 13:19

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102120

Tot Ion: 91 Resp: 824310
Ion Ratio Lower Upper
91 100
106 31.7 24.8 37.2

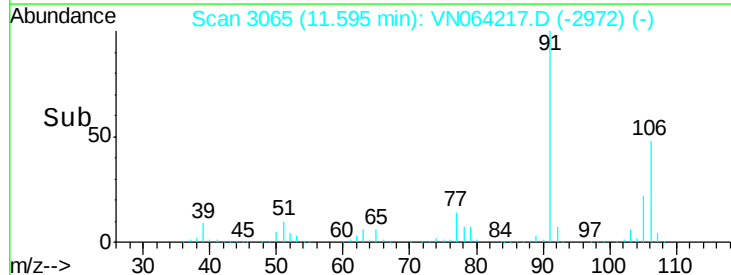
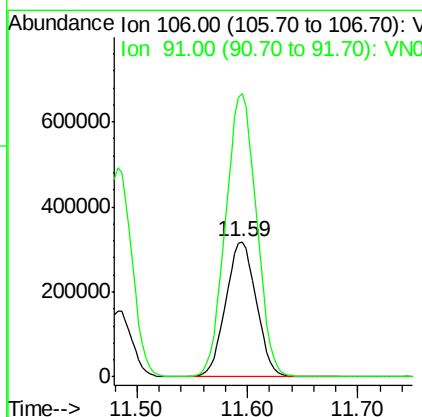
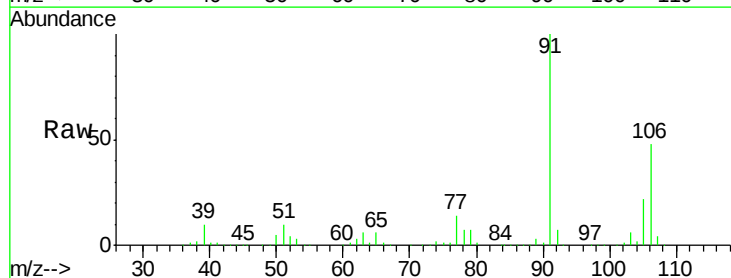
Manual Integrations
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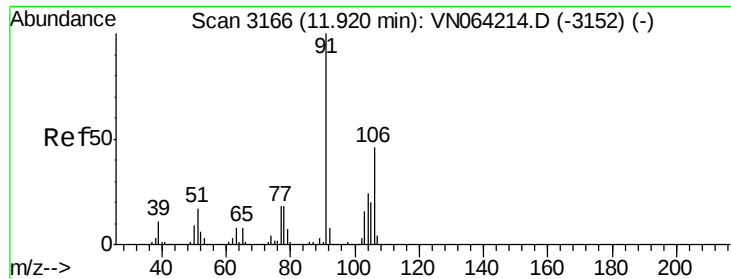
MMDadoda
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#68
m/p-Xylenes
Concen: 101.784 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN064217.D
Acq: 21 Oct 2020 13:19

Tgt Ion: 106 Resp: 611076
Ion Ratio Lower Upper
106 100
91 212.3 172.2 258.2





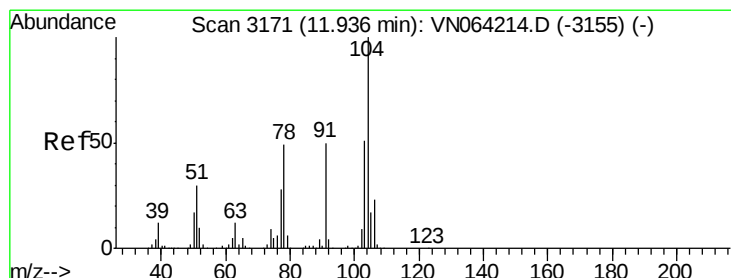
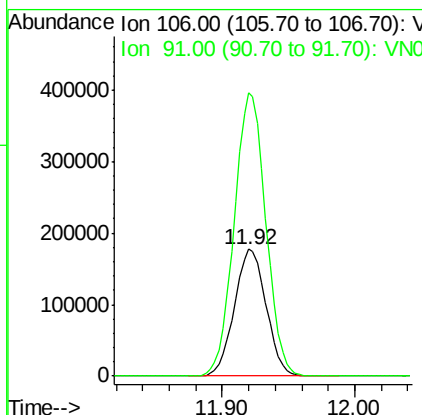
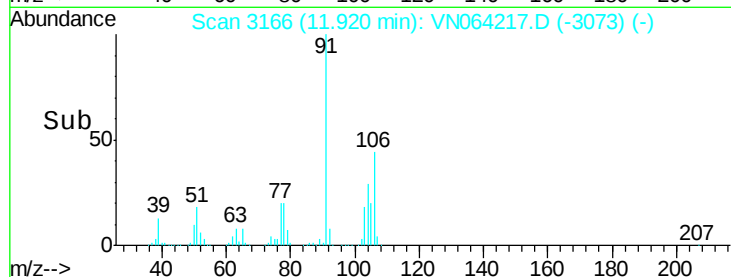
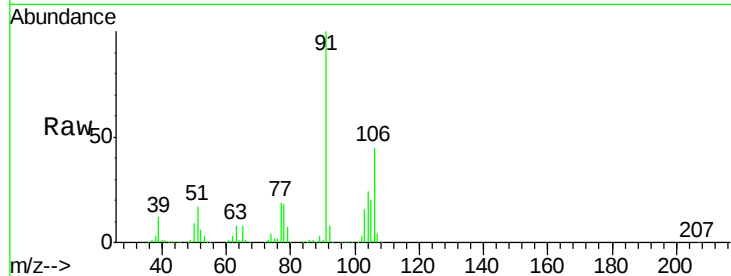
#69
o-Xylene
Concen: 50.738 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064217.D
Acq: 21 Oct 2020 13:19

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102120

Tot Ion:106 Resp: 294608
Ion Ratio Lower Upper
106 100
91 222.3 109.9 329.6

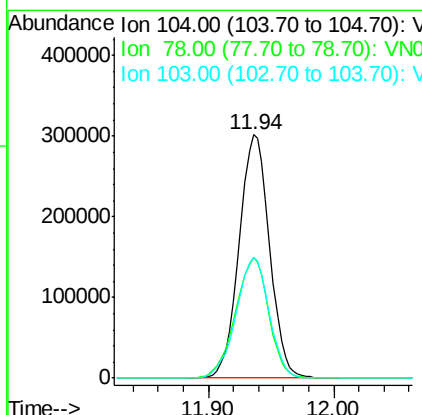
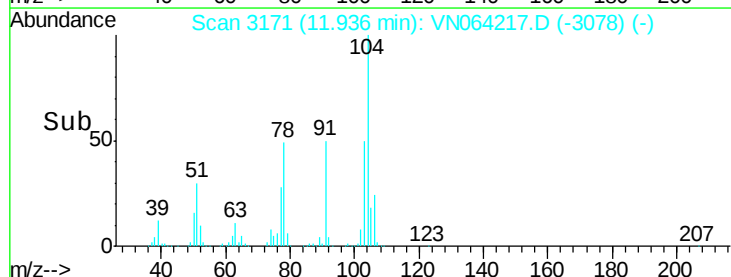
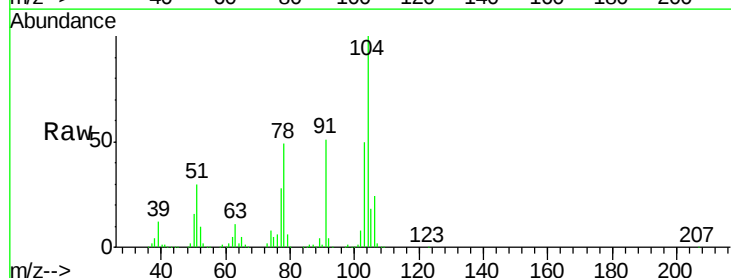
Manual Integrations
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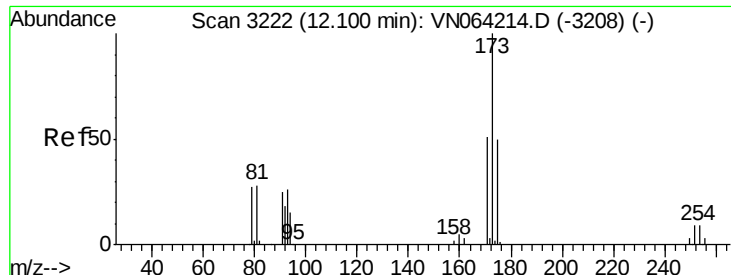
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#70
Styrene
Concen: 52.276 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064217.D
Acq: 21 Oct 2020 13:19

Tgt Ion:104 Resp: 508784
Ion Ratio Lower Upper
104 100
78 54.2 43.8 65.6
103 53.6 43.4 65.2





#71

Bromoform

Concen: 51.565 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN064217.D

Acq: 21 Oct 2020 13:19

Instrument :

MSVOA_N

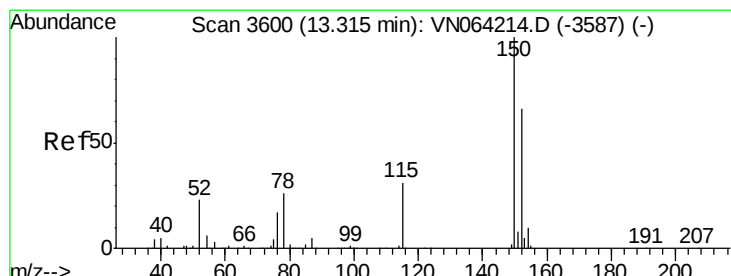
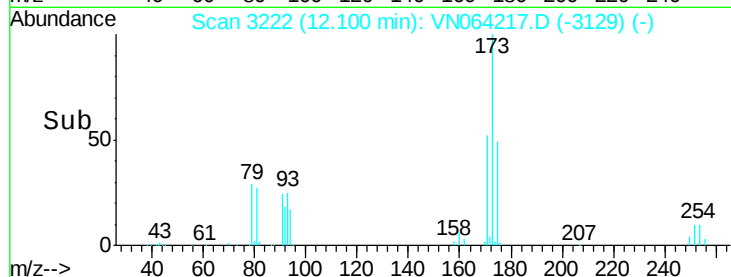
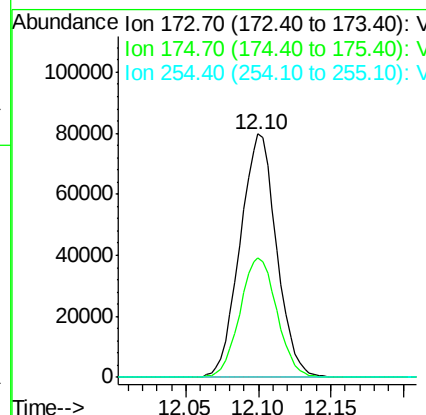
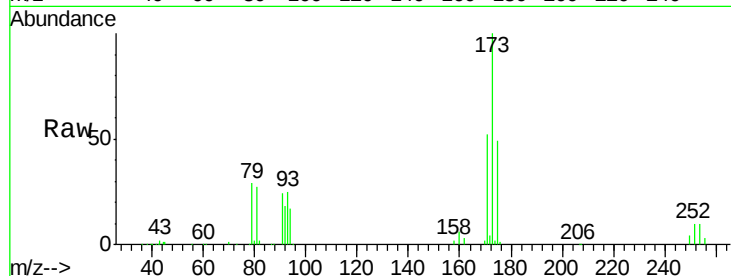
ClientSampleId :

ICVVN102120

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.9	25.1	75.3
254	0.0	0.0	0.0

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

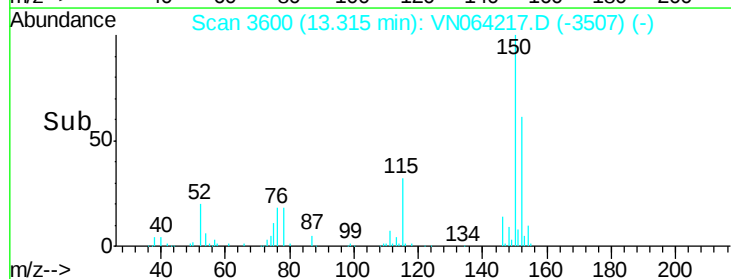
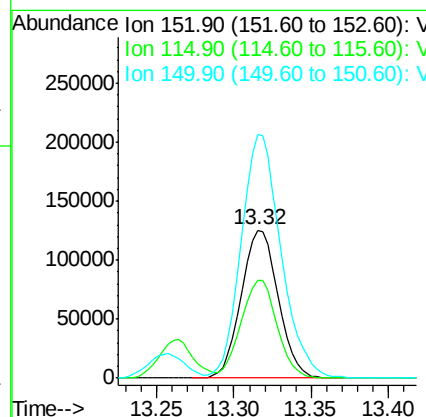
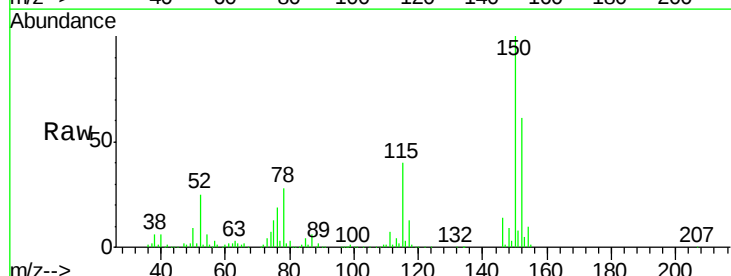
RT: 13.32 min Scan# 3600

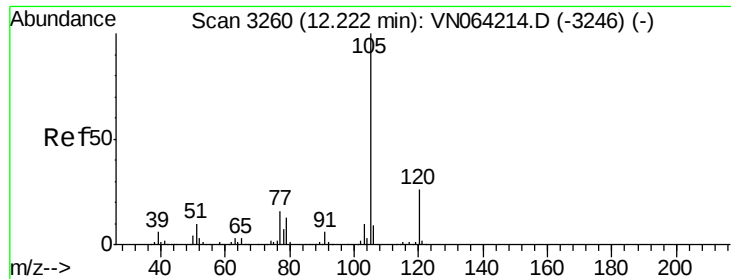
Delta R.T. -0.00 min

Lab File: VN064217.D

Acq: 21 Oct 2020 13:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.8	32.0	96.2
150	176.8	0.0	356.6





#73

Isopropylbenzene

Concen: 50.319 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064217.D

Acq: 21 Oct 2020 13:19

Instrument :

MSVOA_N

ClientSampleId :

ICVVN102120

Tot Ion: 105 Resp: 798951

Ion Ratio Lower Upper

105 100

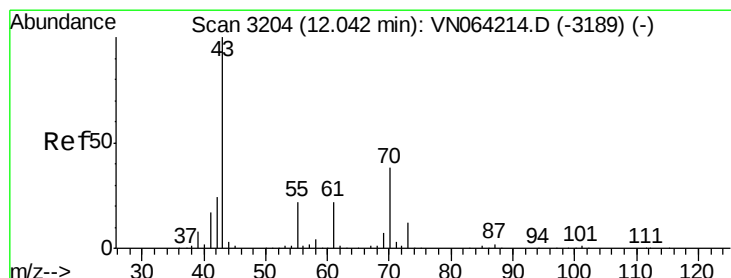
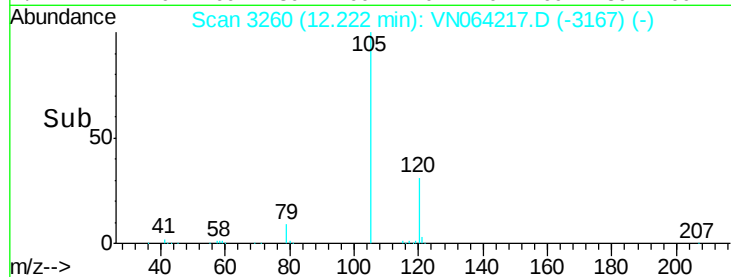
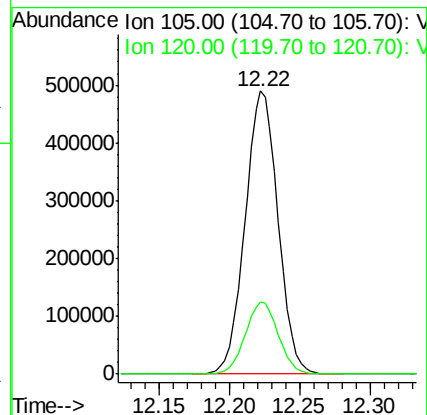
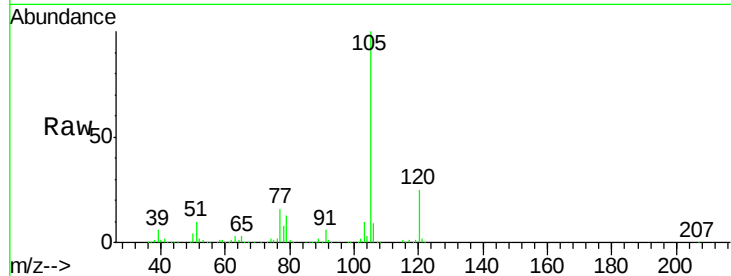
120 25.6 12.9 38.7

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10/22/2020 3:25:02 PM



#74

N-ethyl acetate

Concen: 52.346 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064217.D

Acq: 21 Oct 2020 13:19

Tgt Ion: 43 Resp: 359135

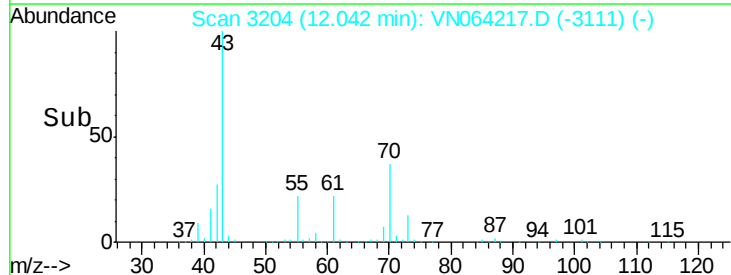
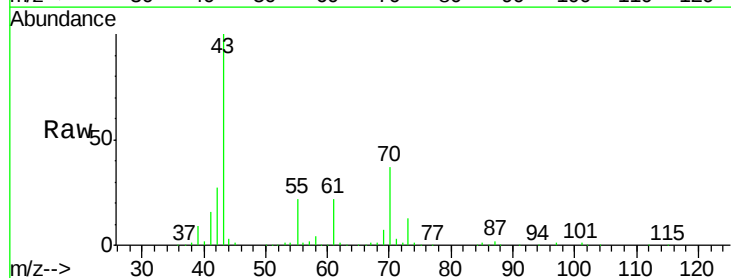
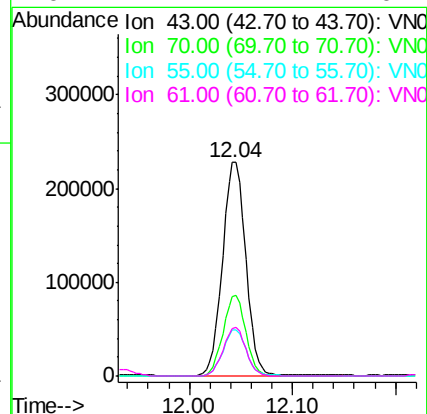
Ion Ratio Lower Upper

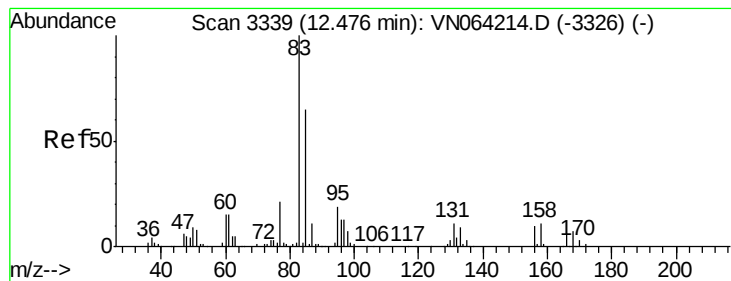
43 100

70 36.8 30.2 45.4

55 21.8 18.0 27.0

61 22.1 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 50.771 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064217.D

Acq: 21 Oct 2020 13:19

Instrument :

MSVOA_N

ClientSampleId :

ICVVN102120

Tot Ion: 83 Resp: 213923

Ion Ratio Lower Upper

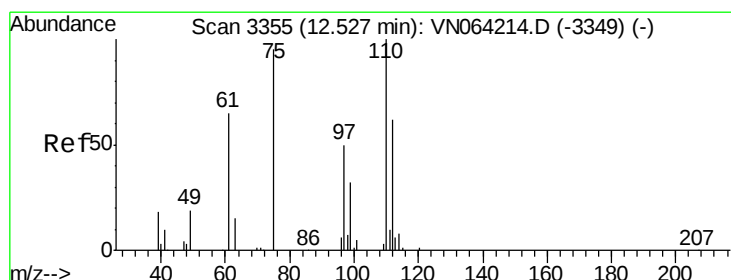
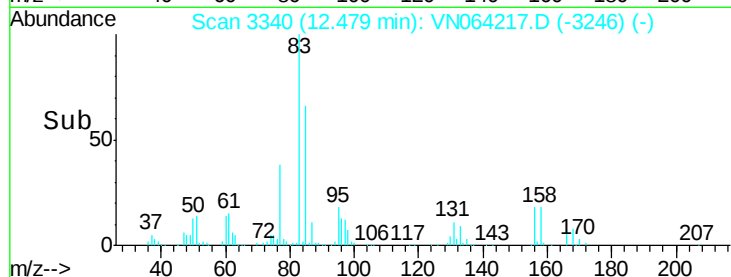
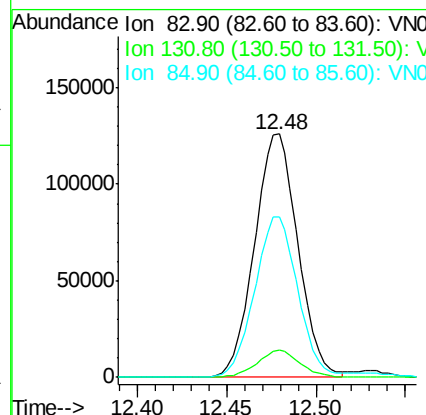
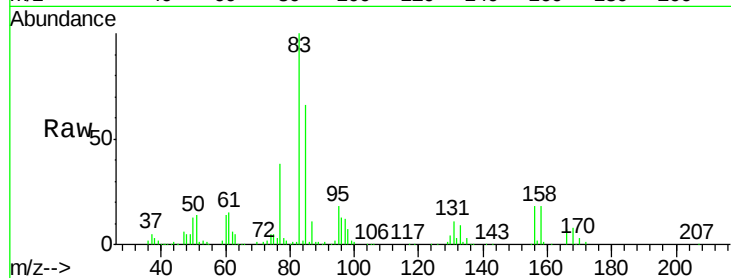
83 100

131 11.1 5.5 16.7

85 65.4 32.4 97.0

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#76

1,2,3-Trichloropropane

Concen: 48.564 ug/l m

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN064217.D

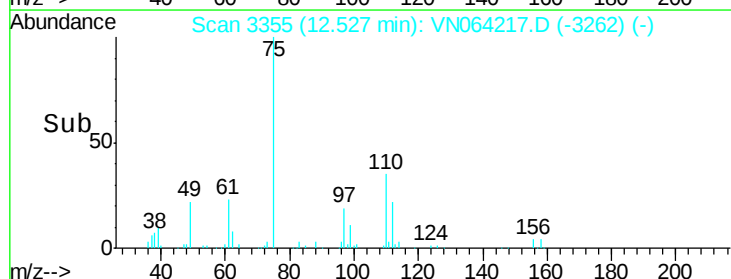
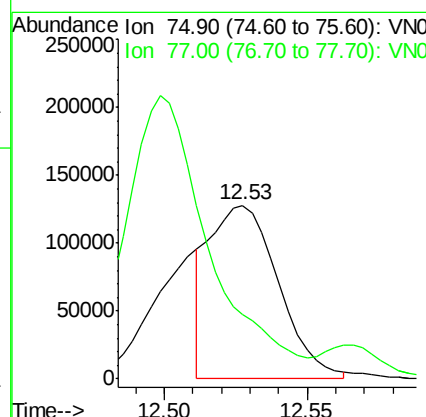
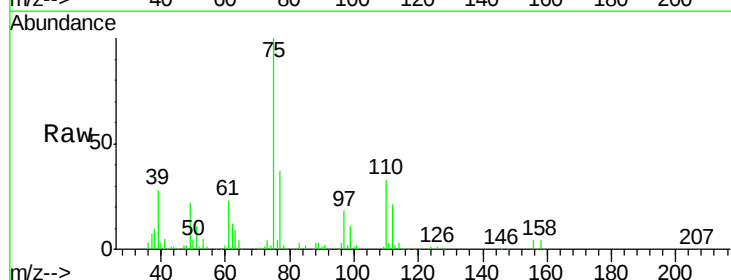
Acq: 21 Oct 2020 13:19

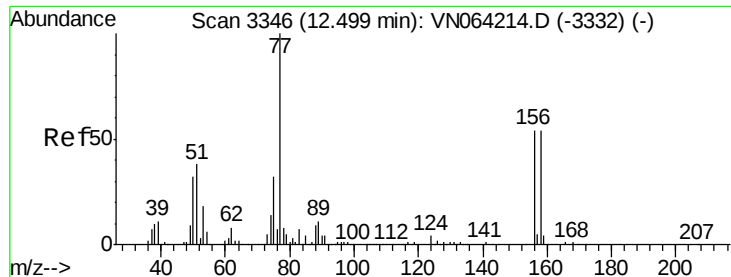
Tgt Ion: 75 Resp: 213134

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.645 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064217.D

Acq: 21 Oct 2020 13:19

Instrument :

MSVOA_N

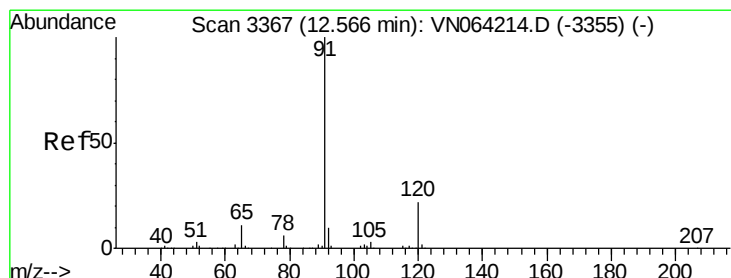
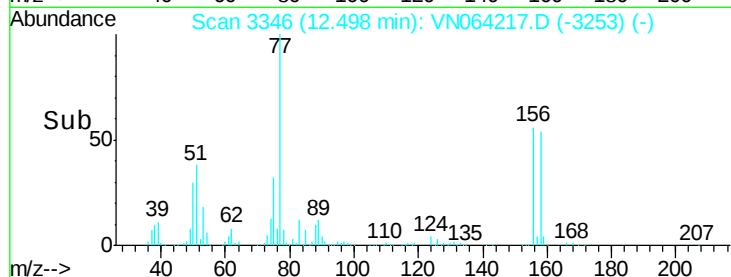
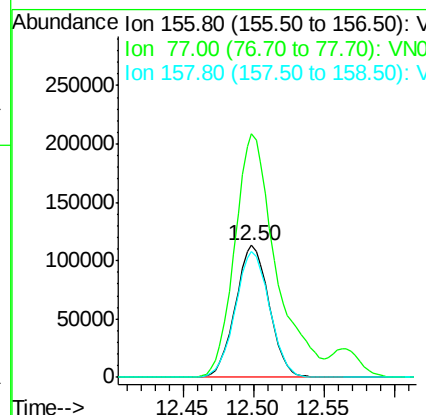
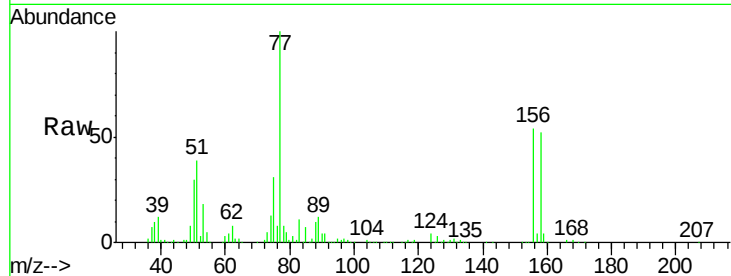
ClientSampleId :

ICVVN102120

Tot Ion	Ratio	Lower	Upper
156	100		
77	224.3	111.1	333.4
158	96.9	50.0	150.1

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#78

n-propylbenzene

Concen: 50.773 ug/l

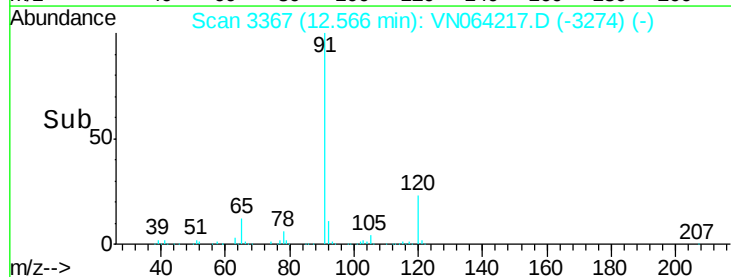
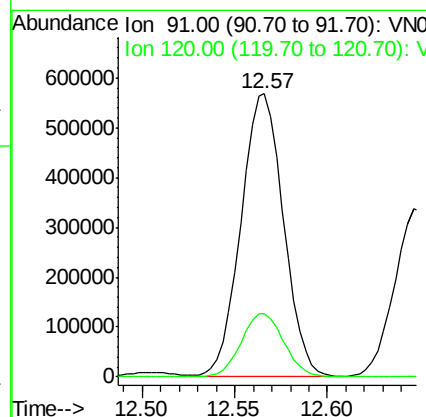
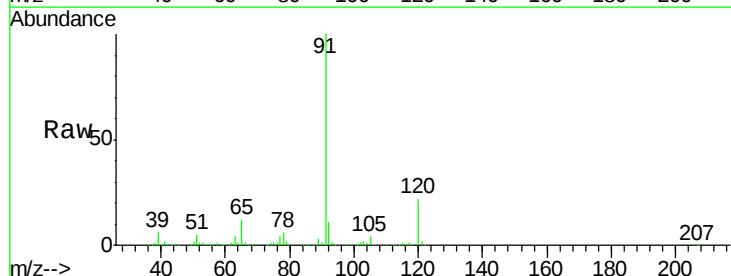
RT: 12.57 min Scan# 3367

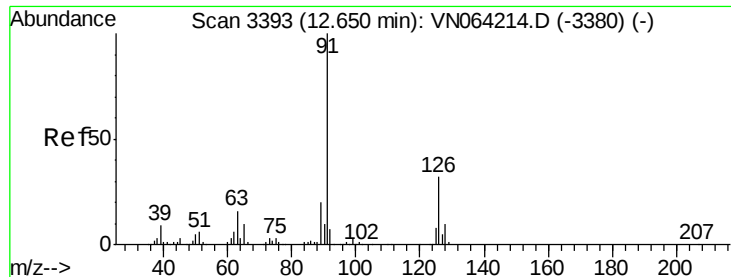
Delta R.T. -0.00 min

Lab File: VN064217.D

Acq: 21 Oct 2020 13:19

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.1	33.1





#79

2-Chlorotoluene

Concen: 50.535 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064217.D

Acq: 21 Oct 2020 13:19

Instrument :

MSVOA_N

ClientSampleId :

ICVFN102120

Tot Ion: 91 Resp: 555675

Ion Ratio Lower Upper

91 100

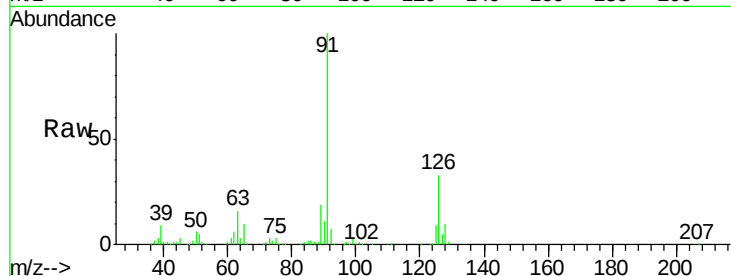
126 32.9 16.0 48.0

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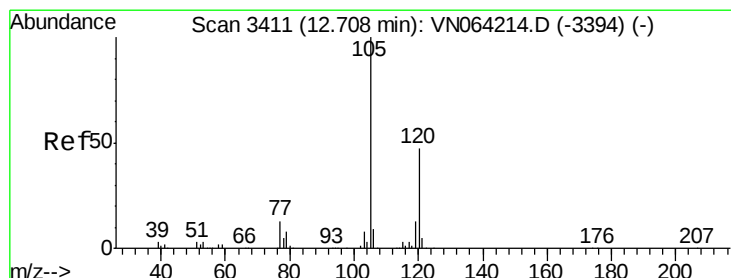
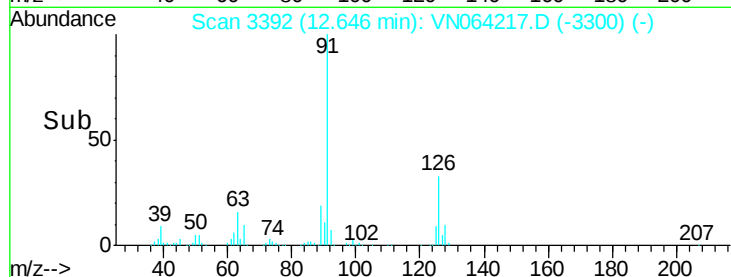
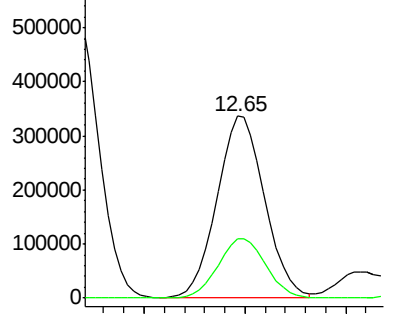
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Abundance Ion 91.00 (90.70 to 91.70): VN064217.D (-3393) (-)

Ion 125.90 (125.60 to 126.60): VN064217.D (-3393) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.498 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064217.D

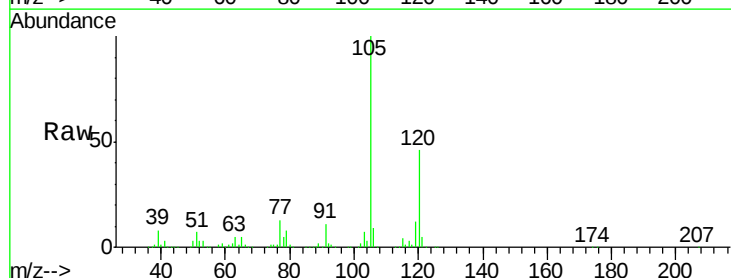
Acq: 21 Oct 2020 13:19

Tgt Ion: 105 Resp: 677845

Ion Ratio Lower Upper

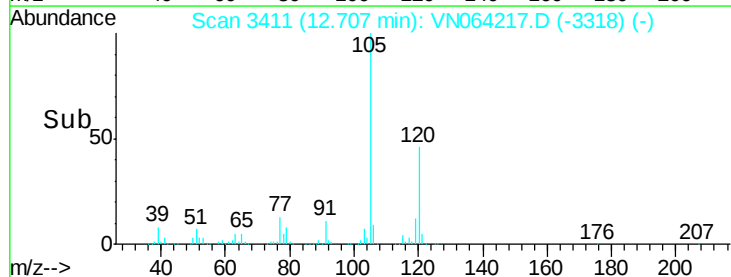
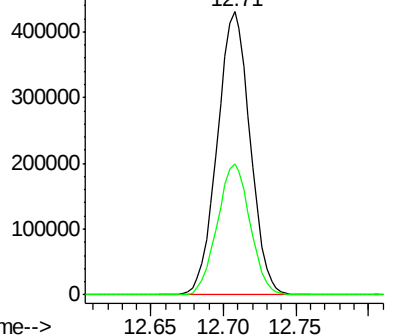
105 100

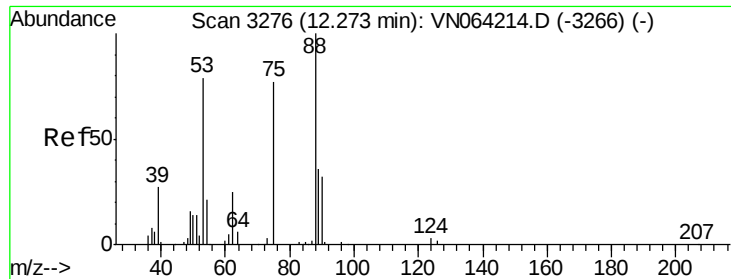
120 46.3 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): VN064217.D (-3411) (-)

Ion 120.00 (119.70 to 120.70): VN064217.D (-3411) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 51.679 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064217.D

Acq: 21 Oct 2020 13:19

Instrument :

MSVOA_N

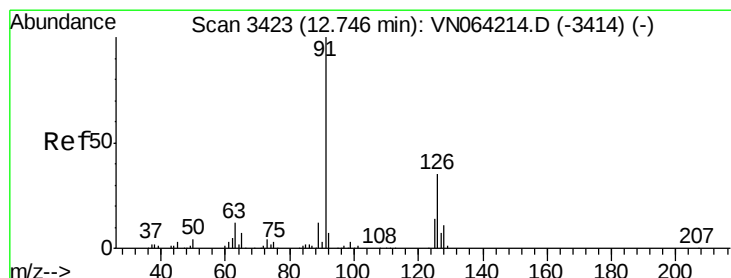
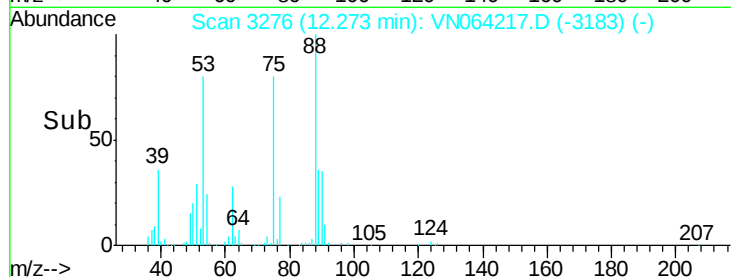
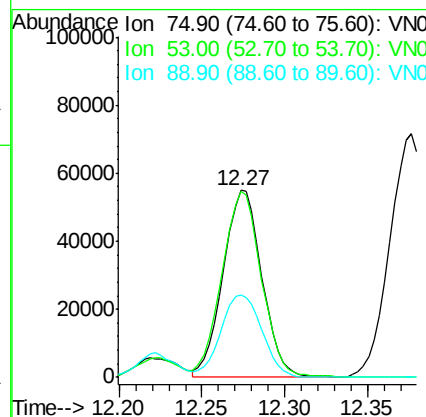
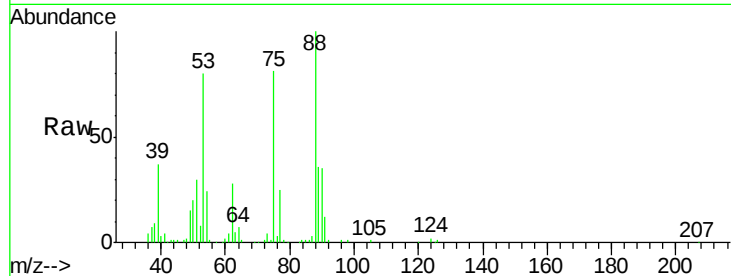
ClientSampleId :

ICVVN102120

Tot Ion:	75	Resp:	89835
Ion Ratio	Lower	Upper	
75	100		
53	101.3	81.0	121.4
89	46.7	38.7	58.1

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#82

4-Chlorotoluene

Concen: 51.418 ug/l

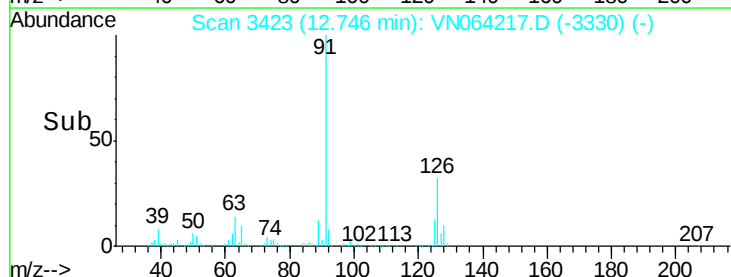
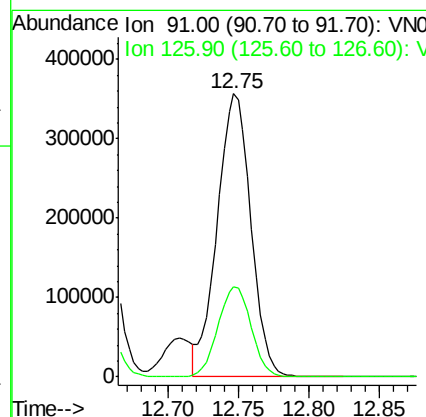
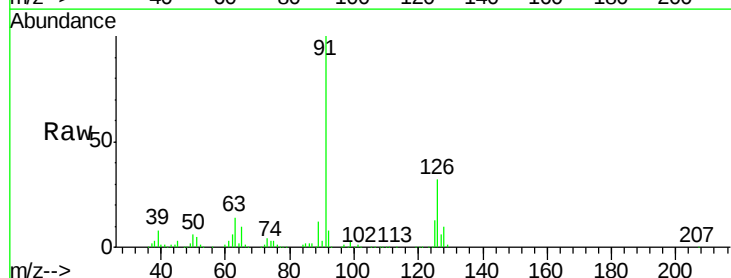
RT: 12.75 min Scan# 3423

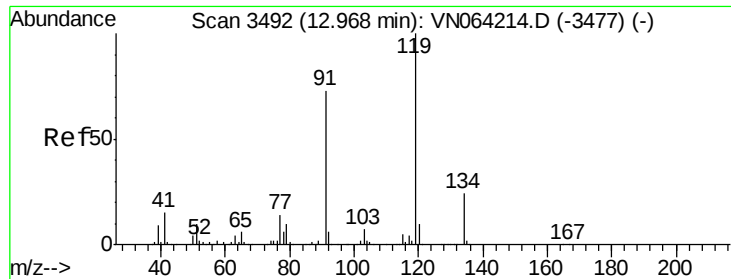
Delta R.T. -0.00 min

Lab File: VN064217.D

Acq: 21 Oct 2020 13:19

Tgt Ion:	91	Resp:	589753
Ion Ratio	Lower	Upper	
91	100		
126	31.4	15.8	47.3





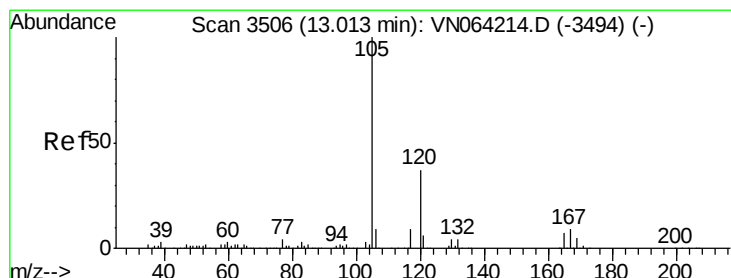
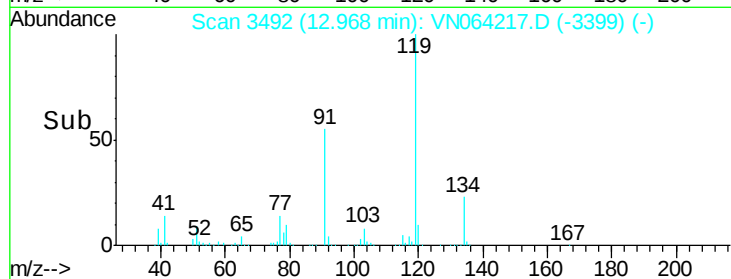
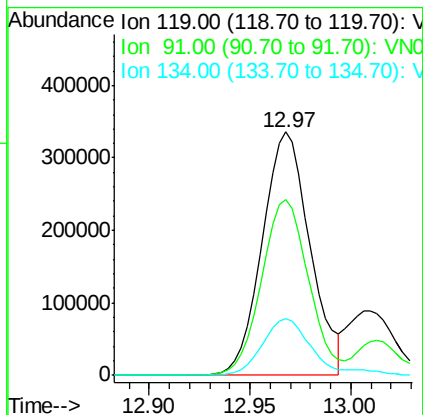
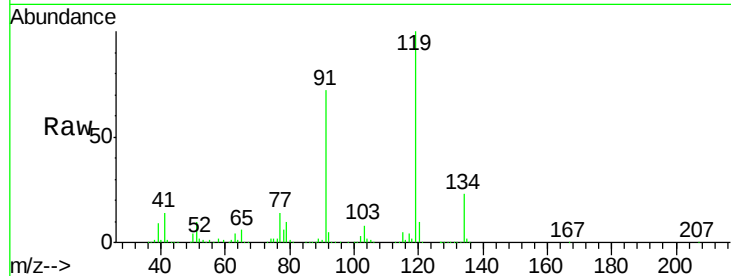
#83
tert-Butylbenzene
Concen: 50.299 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN064217.D
Acq: 21 Oct 2020 13:19

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102120

Tot Ion	Ratio	Resp	Lower	Upper
119	100	553557		
91	71.5		35.1	105.3
134	24.5		11.6	34.8

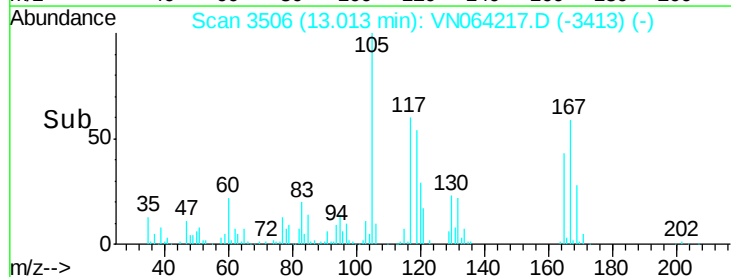
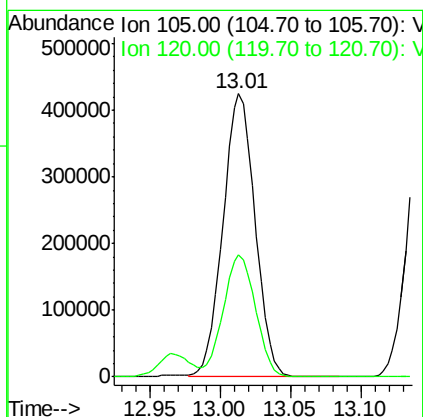
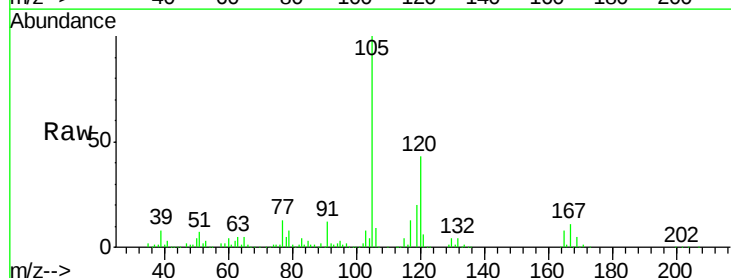
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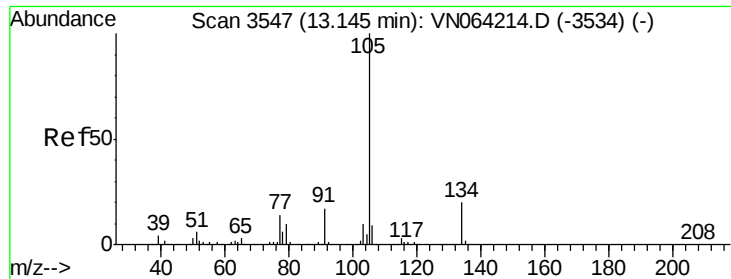
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#84
1,2,4-Trimethylbenzene
Concen: 50.369 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. -0.00 min
Lab File: VN064217.D
Acq: 21 Oct 2020 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	672933		
120	43.3		21.5	64.5





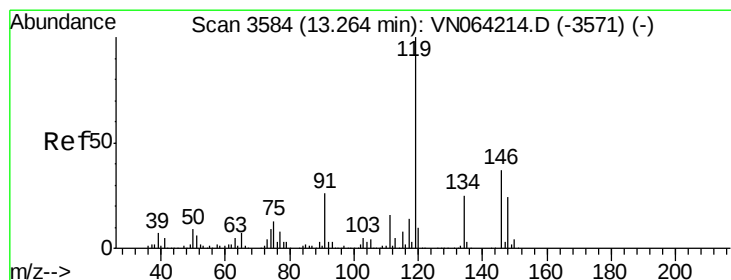
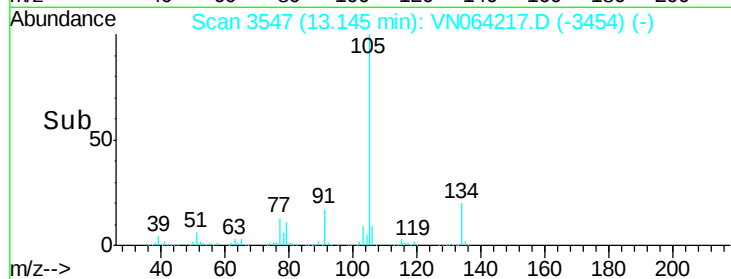
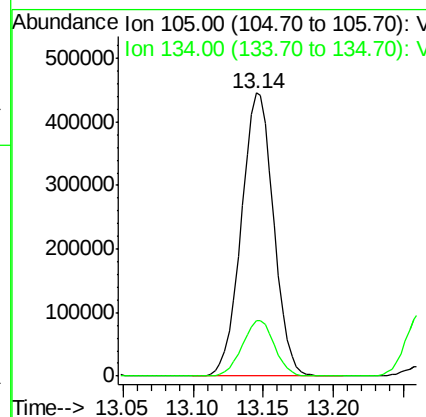
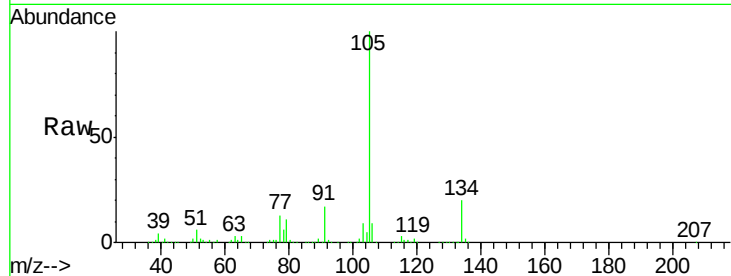
#85
 sec-Butylbenzene
 Concen: 51.370 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064217.D
 Acq: 21 Oct 2020 13:19

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102120

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.7	29.1

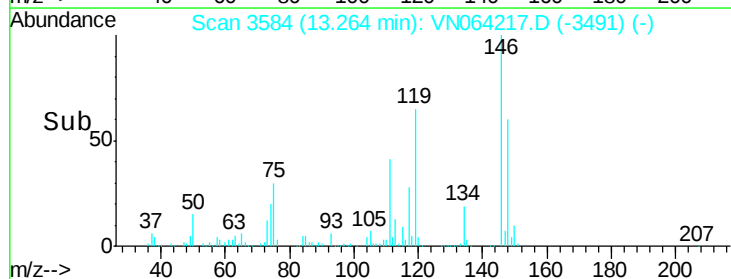
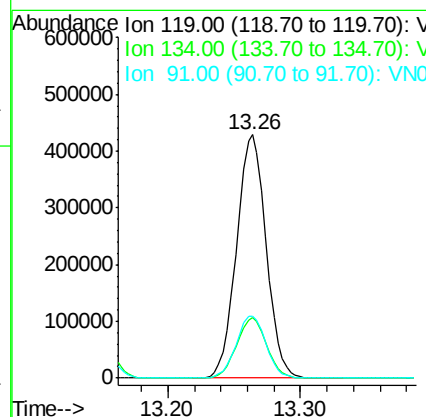
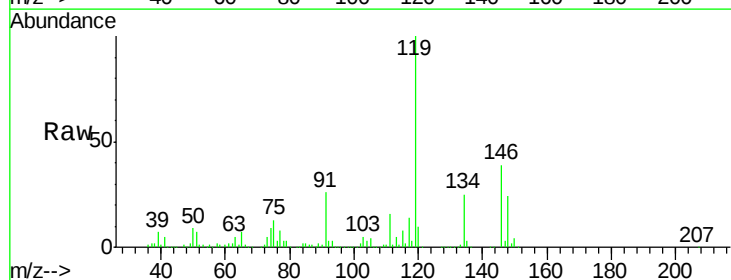
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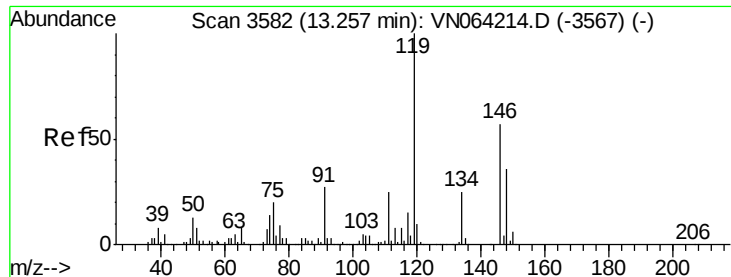
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#86
 p-Isopropyltoluene
 Concen: 52.310 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN064217.D
 Acq: 21 Oct 2020 13:19

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.0	13.1	39.3
91	25.8	13.4	40.2





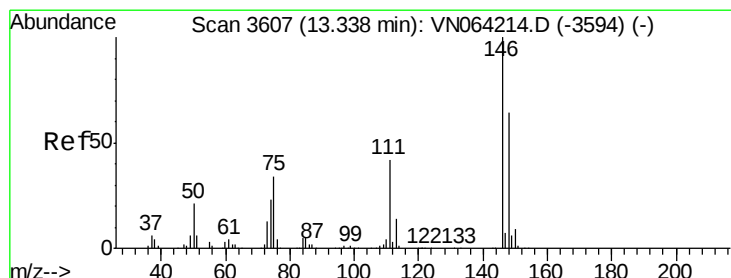
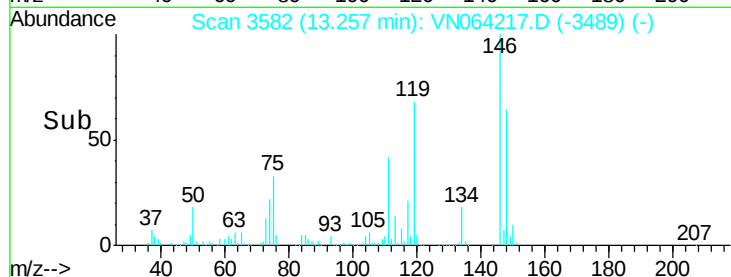
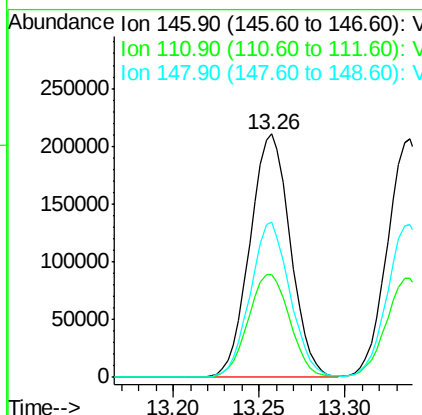
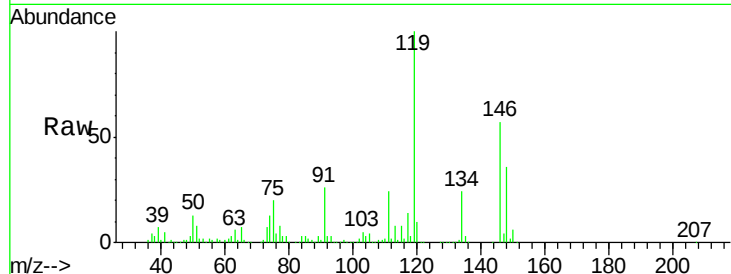
#87
 1,3-Dichlorobenzene
 Concen: 51.572 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN064217.D
 Acq: 21 Oct 2020 13:19

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102120

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.6	65.0
148	62.6	31.7	95.1

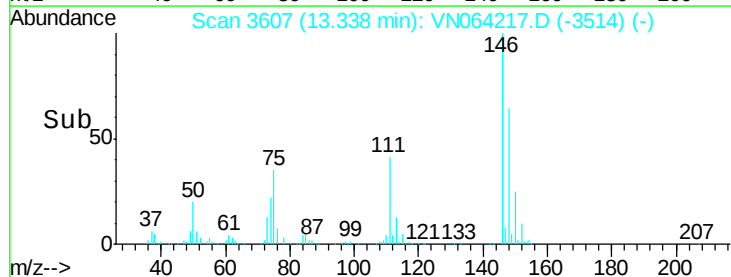
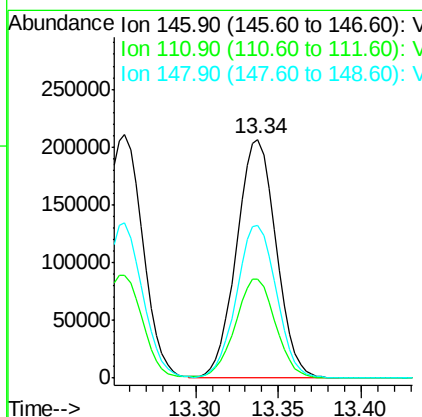
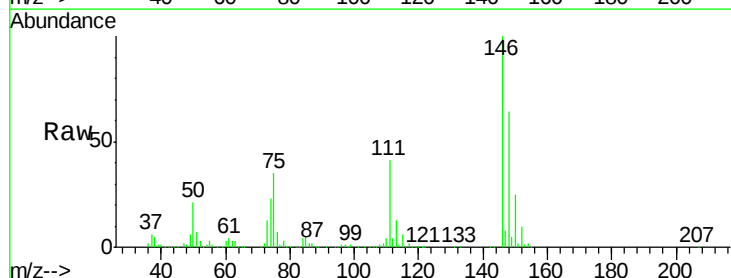
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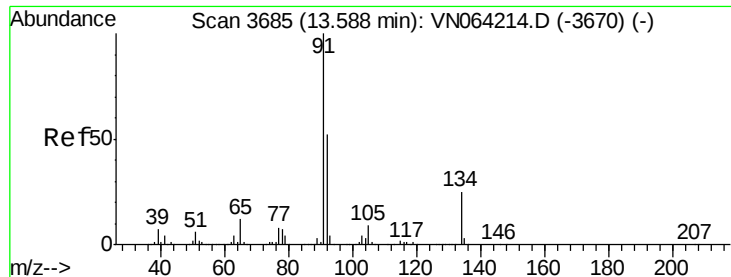
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#88
 1,4-Dichlorobenzene
 Concen: 50.220 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN064217.D
 Acq: 21 Oct 2020 13:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.5	64.5
148	64.8	32.0	96.0





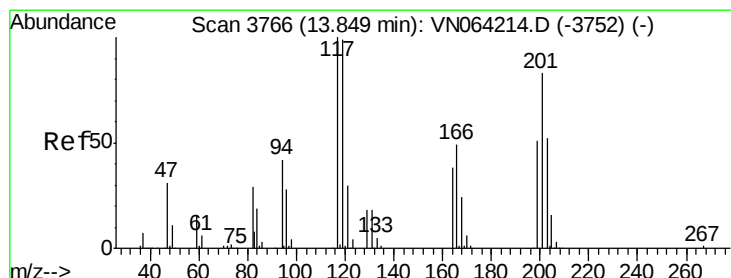
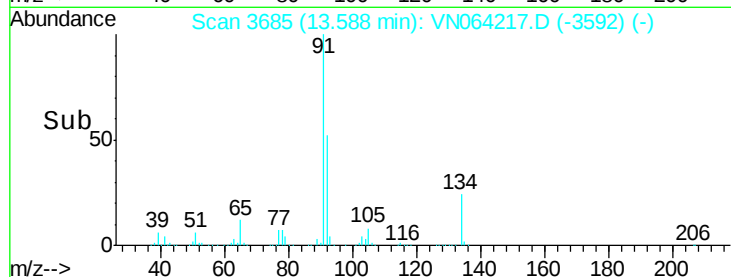
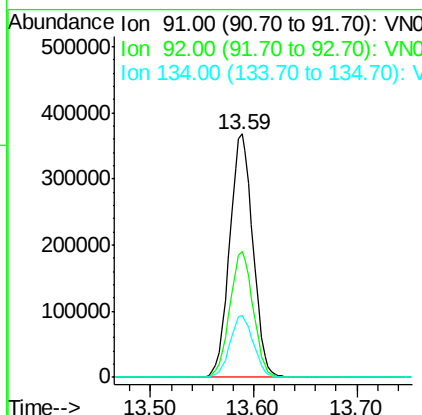
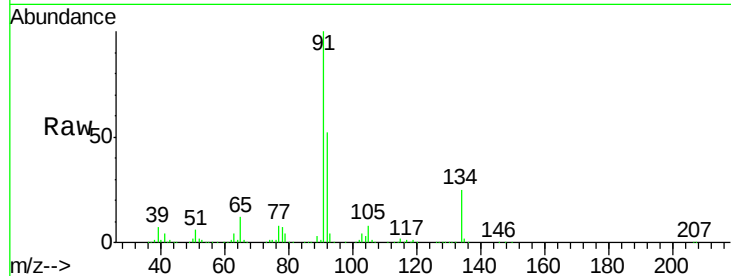
#89
n-Butylbenzene
Concen: 51.231 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064217.D
Acq: 21 Oct 2020 13:19

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102120

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.7	25.7	77.0
134	25.2	12.3	36.8

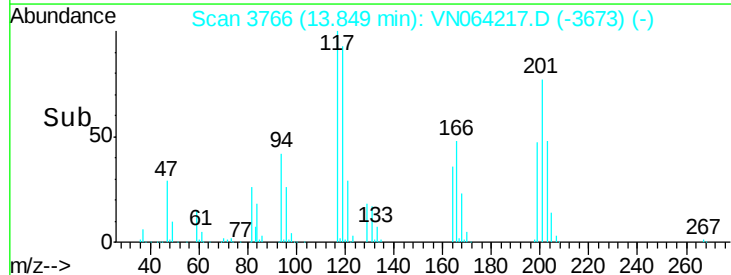
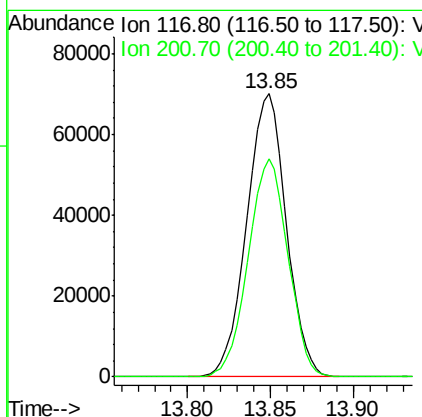
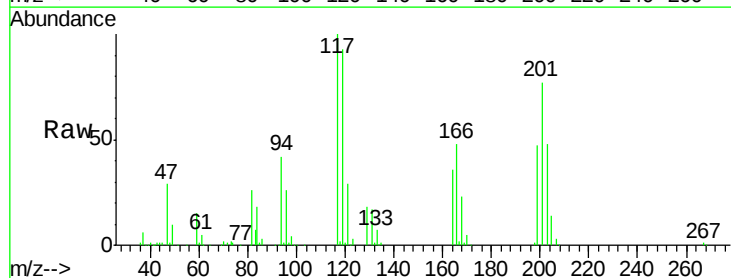
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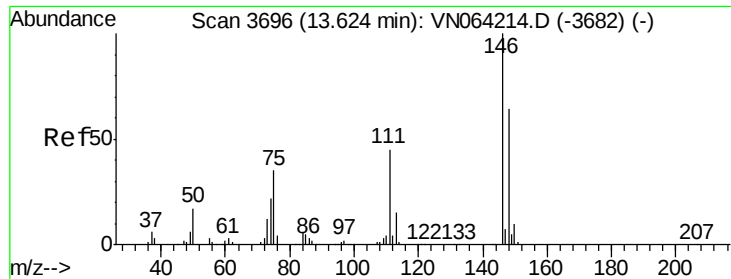
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#90
Hexachloroethane
Concen: 50.879 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN064217.D
Acq: 21 Oct 2020 13:19

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.2	40.1	120.3





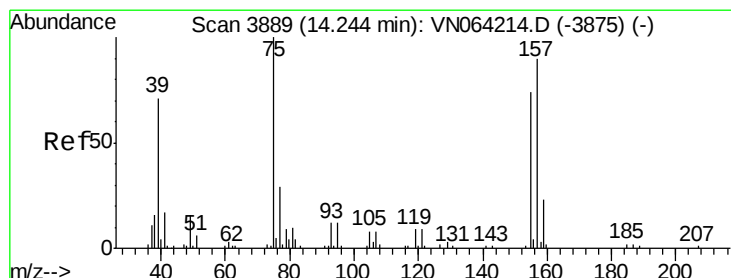
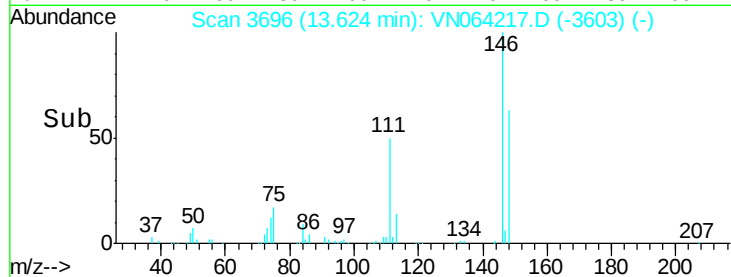
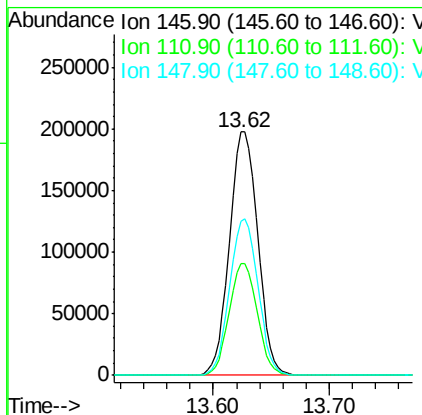
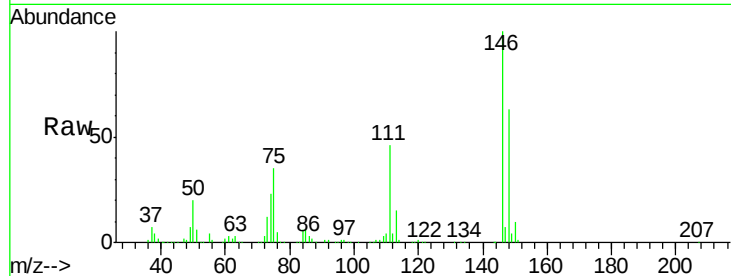
#91
 1,2-Dichlorobenzene
 Concen: 50.961 ug/l
 RT: 13.62 min Scan# 3696
 Delta R.T. -0.00 min
 Lab File: VN064217.D
 Acq: 21 Oct 2020 13:19

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102120

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.5	22.9	68.7
148	64.3	31.9	95.5

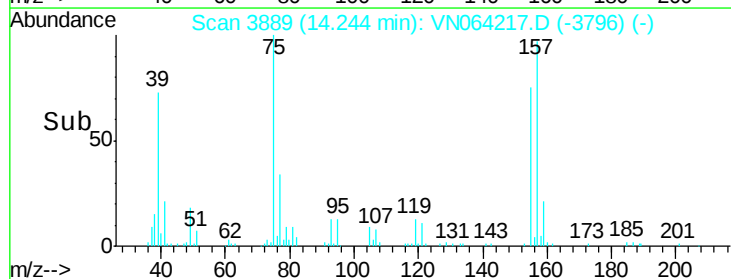
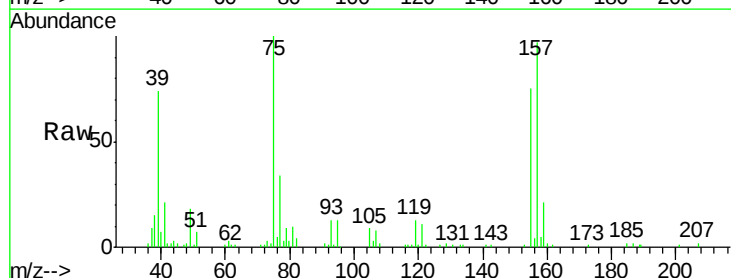
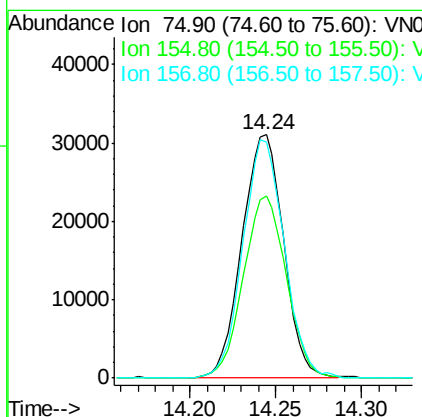
Manual Integrations
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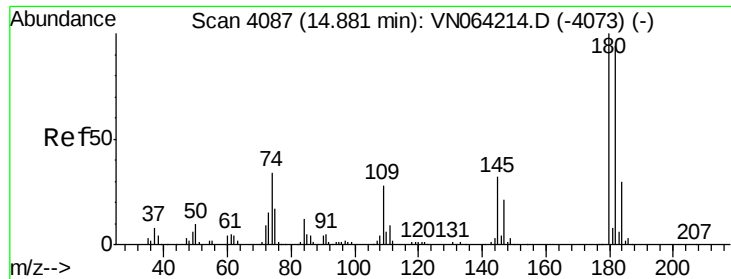
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.769 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. -0.00 min
 Lab File: VN064217.D
 Acq: 21 Oct 2020 13:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.2	36.9	110.7
157	97.4	44.6	133.8





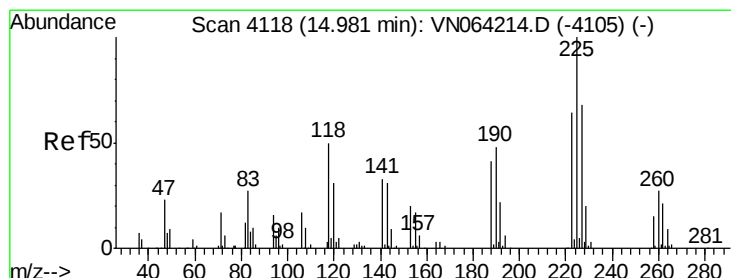
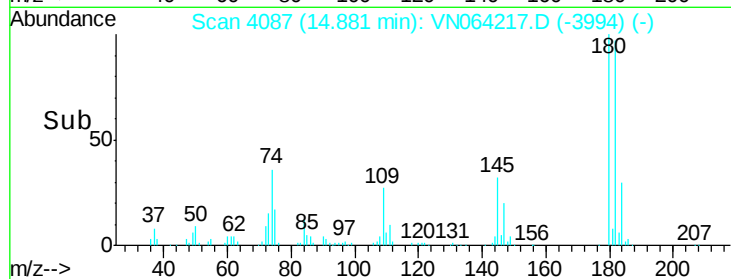
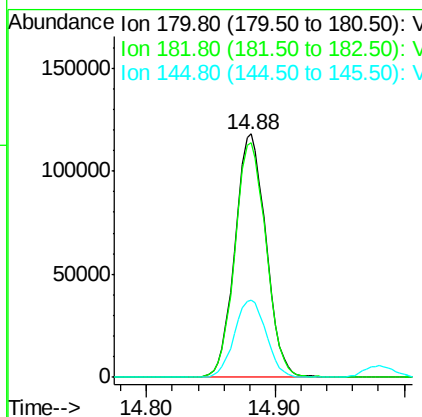
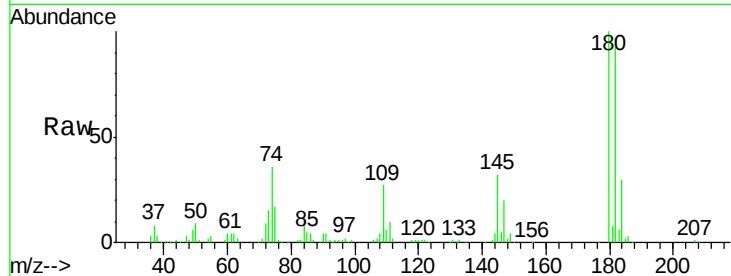
#93
 1,2,4-Trichlorobenzene
 Concen: 53.512 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN064217.D
 Acq: 21 Oct 2020 13:19

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102120

Tot Ion	Ratio	Resp	Lower	Upper
180	100	196379		
182	97.2	46.9	140.7	
145	32.8	16.1	48.3	

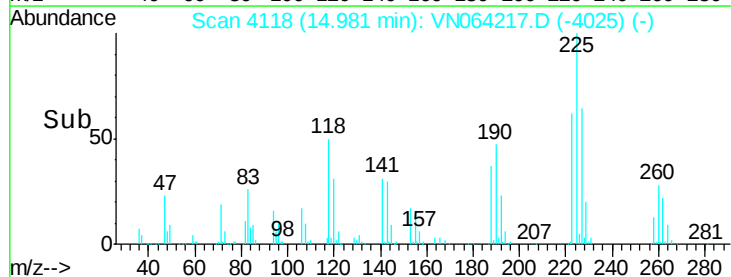
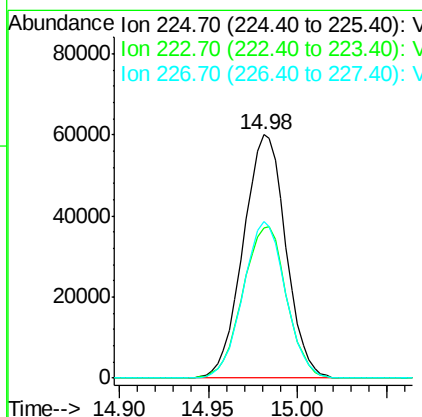
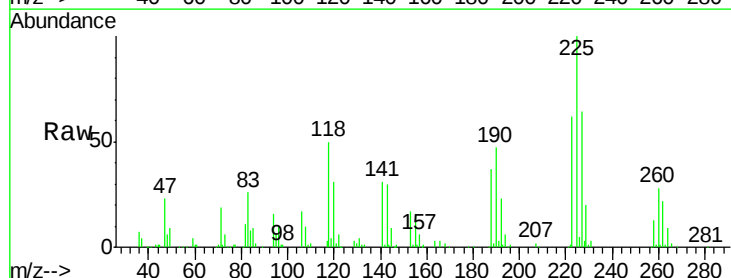
Manual Integrations
 APPROVED

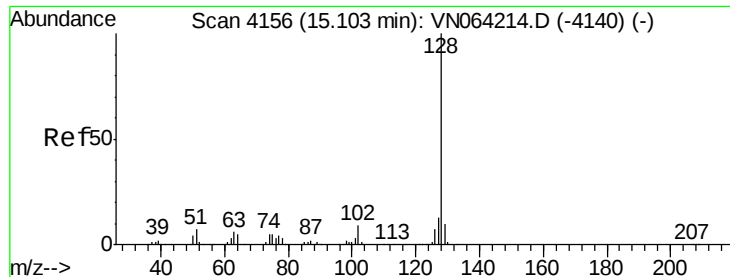
MMDadoda
 10/22/2020 3:25:02 PM



#94
 Hexachlorobutadiene
 Concen: 50.534 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064217.D
 Acq: 21 Oct 2020 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	100024		
223	63.7	31.5	94.5	
227	64.0	32.1	96.5	





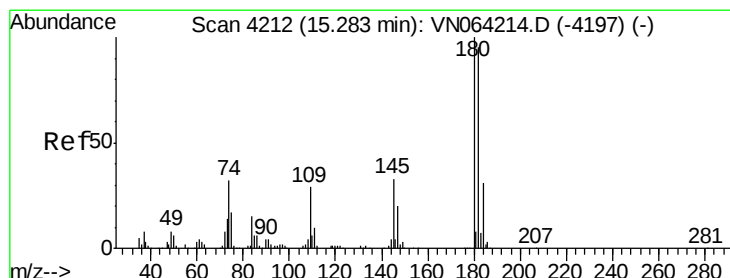
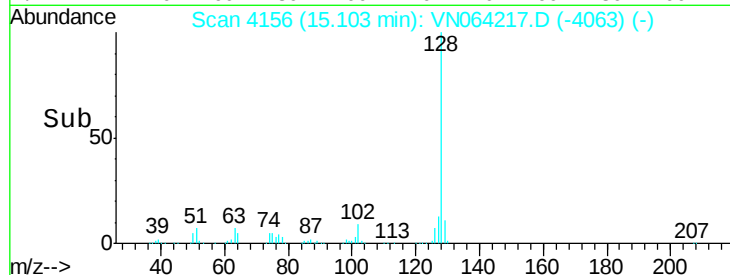
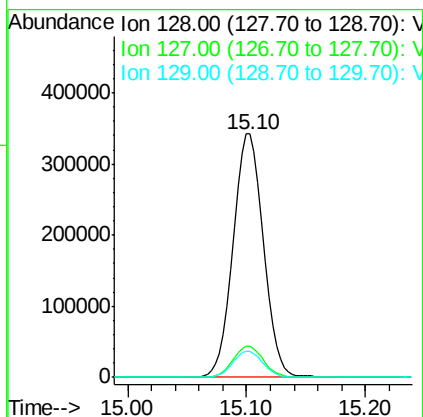
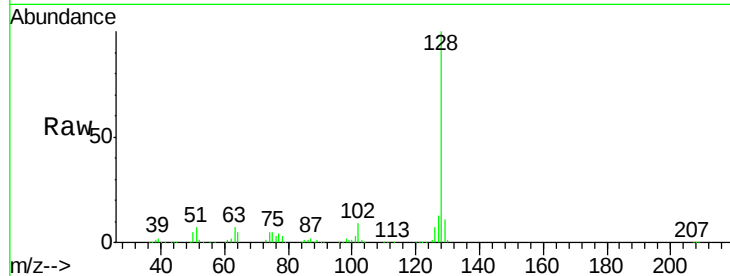
#95
Naphthalene
Concen: 54.954 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. -0.00 min
Lab File: VN064217.D
Acq: 21 Oct 2020 13:19

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102120

Tot Ion	Ratio	Resp	Lower	Upper
128	100	603951		
127	12.8		10.5	15.7
129	10.7		8.6	12.8

Manual Integrations
APPROVED

MMDadoda
10/22/2020 3:25:02 PM



#96
1,2,3-Trichlorobenzene
Concen: 52.331 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN064217.D
Acq: 21 Oct 2020 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	190209		
182	92.8		48.0	144.2
145	33.3		17.1	51.3

