

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102120\
 Data File : VN064216.D
 Acq On : 21 Oct 2020 12:32
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 10/22/2020 3:25:08 PM

Quant Time: Oct 21 12:52:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 21 12:00:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	283389	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	457125	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	420286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	217342	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	649269	157.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	315.90%	
35) Dibromofluoromethane	7.55	113	487590	154.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	308.72%	
50) Toluene-d8	10.06	98	1778955	149.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	299.32%	
62) 4-Bromofluorobenzene	12.38	95	731055	173.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	347.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	521173	186.111	ug/l	97
3) Chloromethane	2.04	50	526095	155.503	ug/l	98
4) Vinyl Chloride	2.16	62	525710	129.486	ug/l	97
5) Bromomethane	2.51	94	313386	106.529	ug/l	98
6) Chloroethane	2.66	64	297157	95.291	ug/l	96
7) Trichlorofluoromethane	2.98	101	860123	150.018	ug/l	99
8) Diethyl Ether	3.37	74	280076	155.675	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	431502	152.962	ug/l	98
10) Methyl Iodide	3.91	142	635306	159.911	ug/l	99
11) Tert butyl alcohol	4.73	59	432093	911.219	ug/l	97
12) 1,1-Dichloroethene	3.70	96	413815	146.220	ug/l	97
13) Acrolein	3.56	56	288127	801.092	ug/l	99
14) Allyl chloride	4.27	41	848016	183.567	ug/l	98
15) Acrylonitrile	4.93	53	970501	762.355	ug/l	99
16) Acetone	3.77	43	966478	795.276	ug/l	97
17) Carbon Disulfide	4.01	76	1229777	152.328	ug/l	99
18) Methyl Acetate	4.27	43	488472	160.463	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	1415315	166.833	ug/l	97
20) Methylene Chloride	4.50	84	480483	130.875	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	459544	144.591	ug/l	95
22) Diisopropyl ether	5.90	45	1509508	172.516	ug/l	99
23) Vinyl Acetate	5.84	43	6956121	888.105	ug/l	99
24) 1,1-Dichloroethane	5.79	63	897603	149.749	ug/l	100
25) 2-Butanone	6.78	43	1516442	813.242	ug/l	99
26) 2,2-Dichloropropane	6.78	77	850418	164.909	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	534007	143.250	ug/l	97
28) Bromochloromethane	7.15	49	449485	157.339	ug/l	100
29) Tetrahydrofuran	7.16	42	910000	831.495	ug/l	99
30) Chloroform	7.33	83	935559	147.310	ug/l	99
31) Cyclohexane	7.61	56	715418	156.588	ug/l	93
32) 1,1,1-Trichloroethane	7.53	97	889212	159.455	ug/l	99
36) 1,1-Dichloropropene	7.75	75	704660	158.571	ug/l	99
37) Ethyl Acetate	6.88	43	657859	165.875	ug/l	98
38) Carbon Tetrachloride	7.73	117	809049	166.584	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	670252	176.925	ug/l	99
40) Benzene	8.00	78	1970372	148.739	ug/l	100
41) Methacrylonitrile	7.12	41	368253	212.496	ug/l #	86
42) 1,2-Dichloroethane	8.08	62	799507	164.888	ug/l	100
43) Isopropyl Acetate	8.13	43	1205948	179.624	ug/l	99
44) Trichloroethene	8.80	130	546176	156.016	ug/l	95
45) 1,2-Dichloropropane	9.08	63	522188	149.105	ug/l	98
46) Dibromomethane	9.17	93	357400	144.255	ug/l	95
47) Bromodichloromethane	9.37	83	786842	160.617	ug/l	100
48) Methyl methacrylate	9.16	41	613454	195.038	ug/l	99
49) 1,4-Dioxane	9.16	88	153527	3326.962	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	3296724	845.782	ug/l	98
52) Toluene	10.13	92	1273656	156.175	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	907917	178.468	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	924748	166.707	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	489963	145.680	ug/l	98
56) Ethyl methacrylate	10.40	69	769296	176.127	ug/l	98
57) 1,3-Dichloropropane	10.68	76	842378	150.901	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	1957508	894.310	ug/l	99
59) 2-Hexanone	10.72	43	2456222	894.681	ug/l	98
60) Dibromochloromethane	10.87	129	622988	162.647	ug/l	100
61) 1,2-Dibromoethane	10.98	107	519937	151.870	ug/l	99
64) Tetrachloroethene	10.60	164	509392	158.969	ug/l	98
65) Chlorobenzene	11.41	112	1362535	153.665	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	539379	159.106	ug/l	99
67) Ethyl Benzene	11.48	91	2524507	168.127	ug/l	100
68) m/p-Xylenes	11.60	106	1897883	341.935	ug/l	94
69) o-Xylene	11.92	106	907985	169.804	ug/l	98
70) Styrene	11.94	104	1596211	179.211	ug/l	99
71) Bromoform	12.10	173	452398	178.362	ug/l #	98
73) Isopropylbenzene	12.22	105	2436412	152.487	ug/l	99
74) N-amyl acetate	12.05	43	1123102	182.010	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	665955	124.616	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	650718m	125.920	ug/l	
77) Bromobenzene	12.50	156	598655	140.755	ug/l	98
78) n-propylbenzene	12.57	91	2830980	158.697	ug/l	99
79) 2-Chlorotoluene	12.65	91	1732665	152.714	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	2114310	164.334	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	279912	163.386	ug/l	97
82) 4-Chlorotoluene	12.75	91	1855634	161.802	ug/l	99
83) tert-Butylbenzene	12.97	119	1719095	161.586	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	2155804	170.783	ug/l	98
85) sec-Butylbenzene	13.14	105	2248725	164.785	ug/l	100
86) p-Isopropyltoluene	13.26	119	2081500	174.172	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	1093477	153.500	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	1112035	152.311	ug/l	99
89) n-Butylbenzene	13.59	91	1869632	183.880	ug/l	99
90) Hexachloroethane	13.85	117	364241	159.325	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	1059616	149.871	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	169339	157.887	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	656064	217.584	ug/l	98
94) Hexachlorobutadiene	14.98	225	311257	176.235	ug/l	99
95) Naphthalene	15.10	128	1975790	219.727	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	623229	208.340	ug/l	100

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

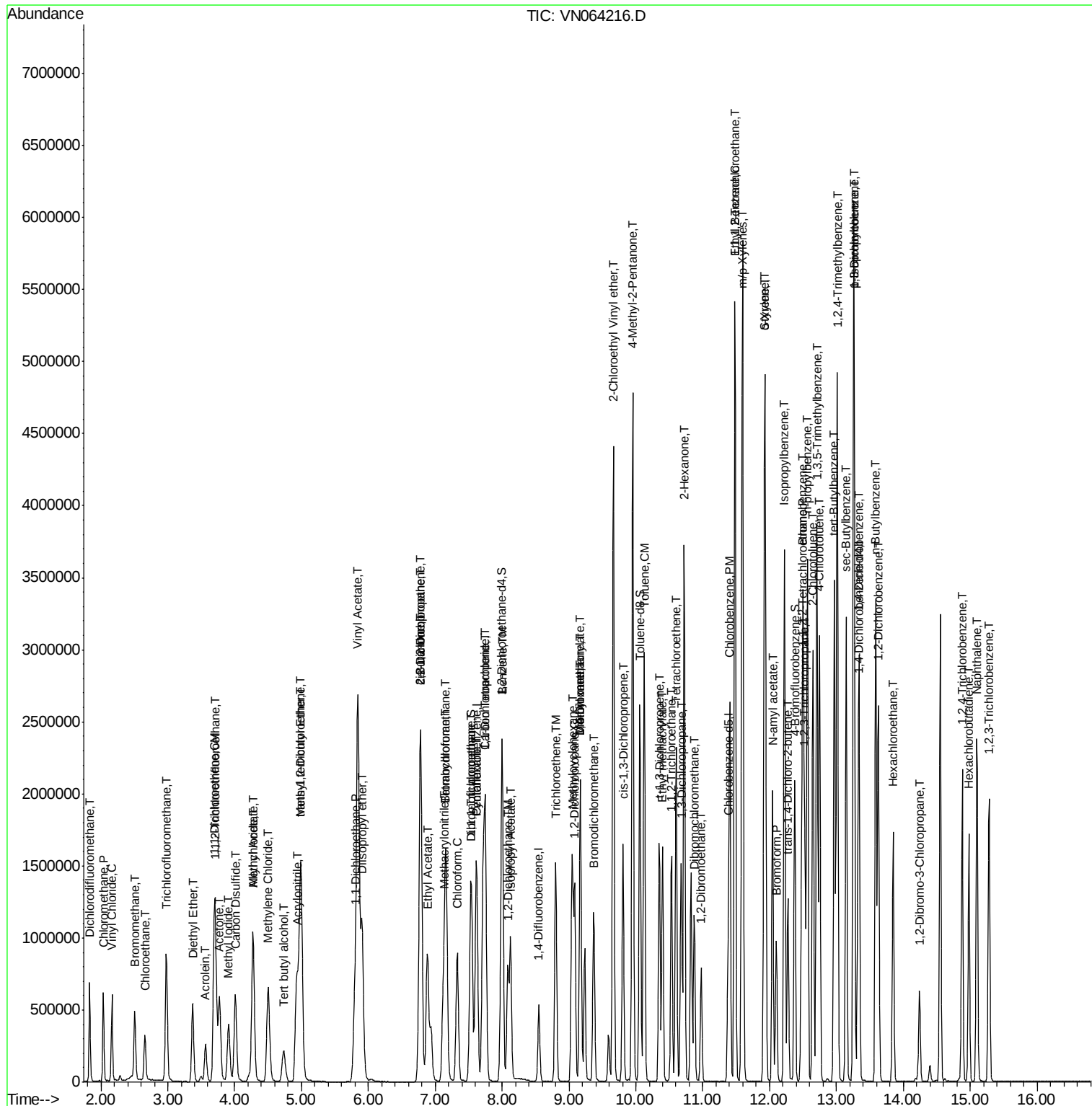
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102120\
 Data File : VN064216.D
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 Operator : JC/MD
 Sample : VSTDIC150
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 ALS Vial : 7 Sample Multiplier: 1

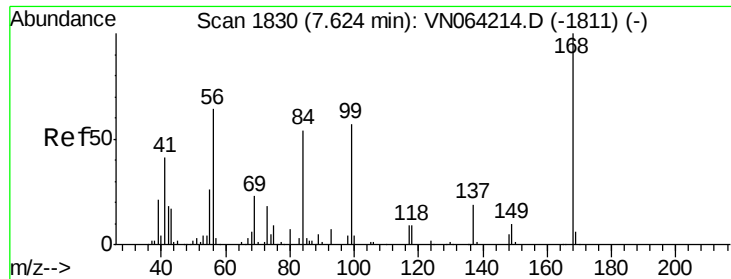
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 283389

Ion Ratio Lower Upper

168 100

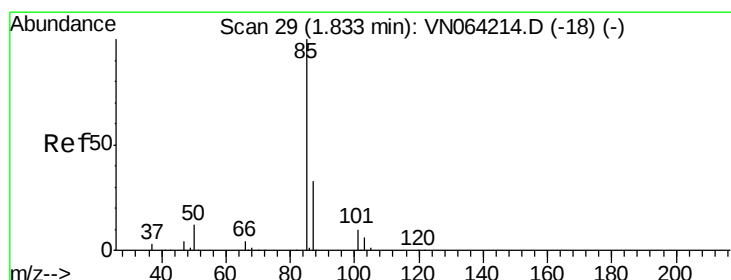
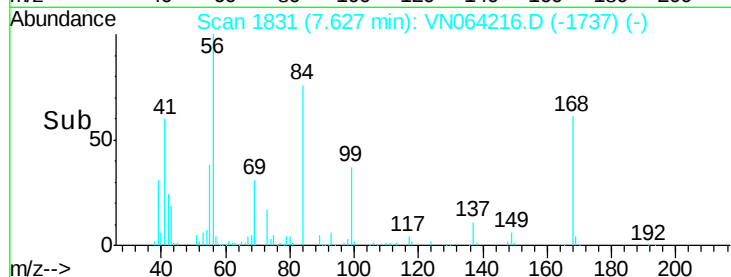
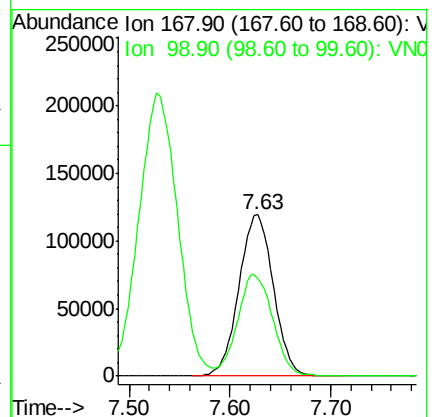
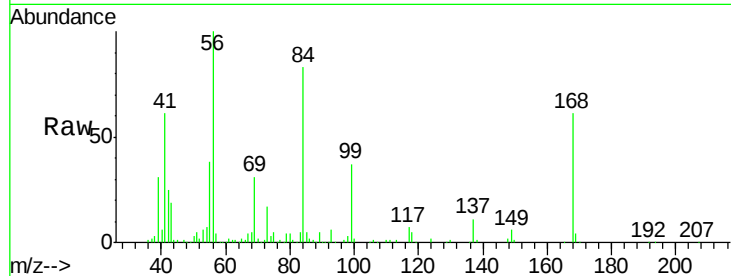
99 60.5 54.0 81.0

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#2

Dichlorodifluoromethane

Concen: 186.111 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN064216.D

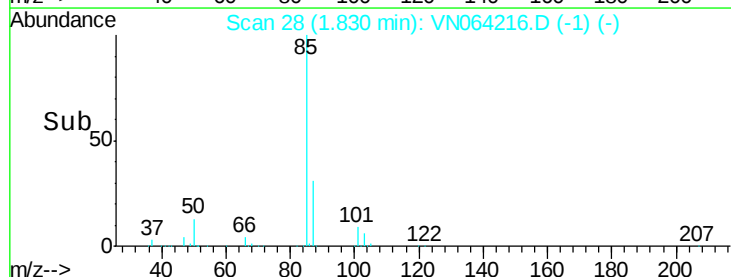
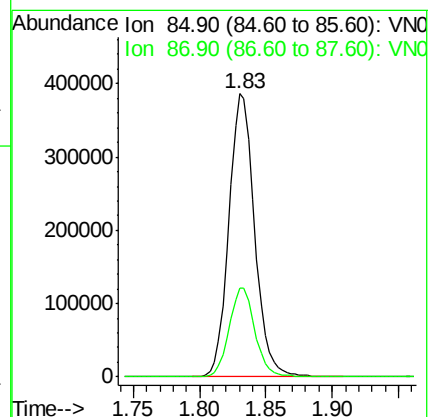
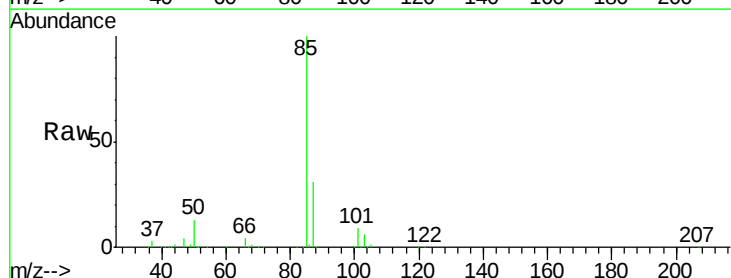
Acq: 21 Oct 2020 12:32

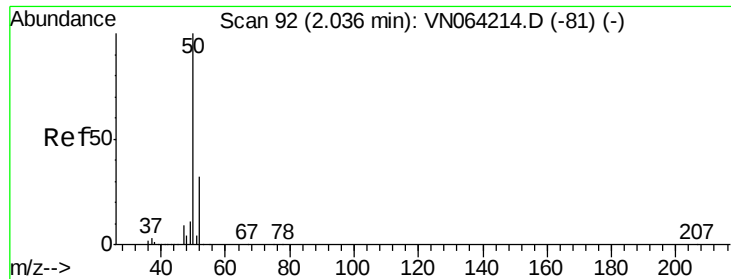
Tgt Ion: 85 Resp: 521173

Ion Ratio Lower Upper

85 100

87 31.4 16.6 49.8





#3

Chloromethane

Concen: 155.503 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 526095

Ion Ratio Lower Upper

50 100

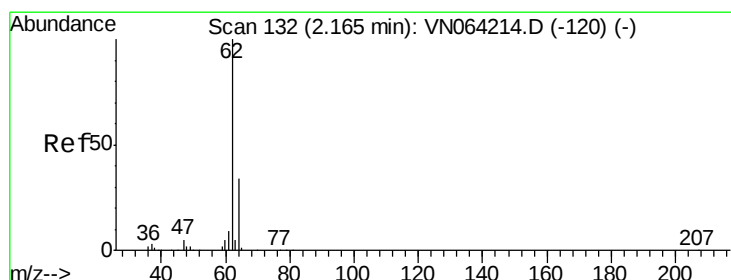
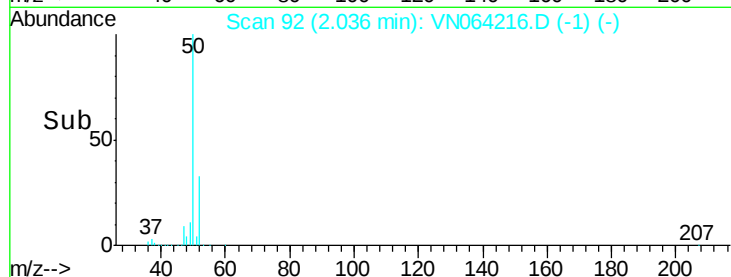
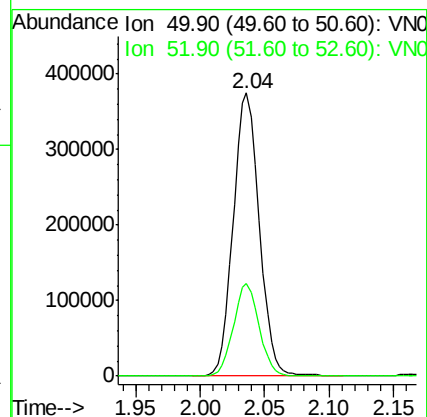
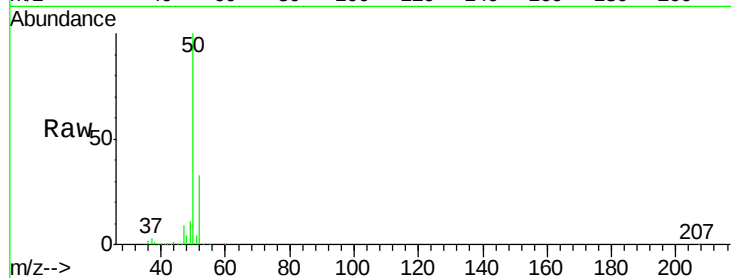
52 32.6 25.3 37.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 129.486 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064216.D

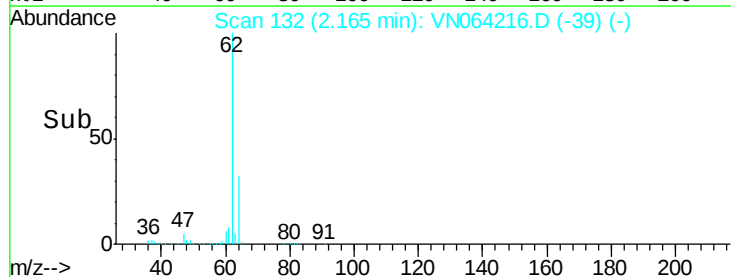
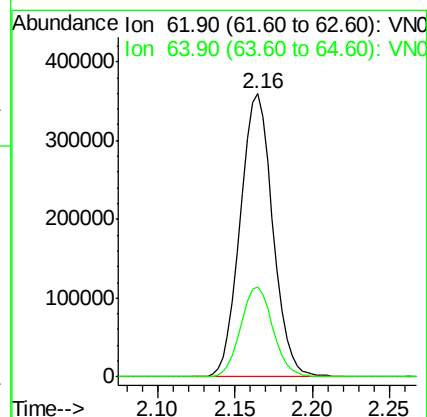
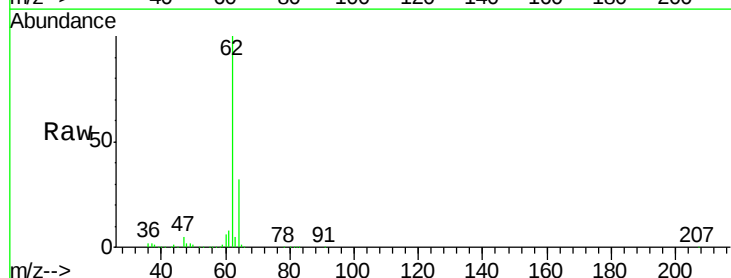
Acq: 21 Oct 2020 12:32

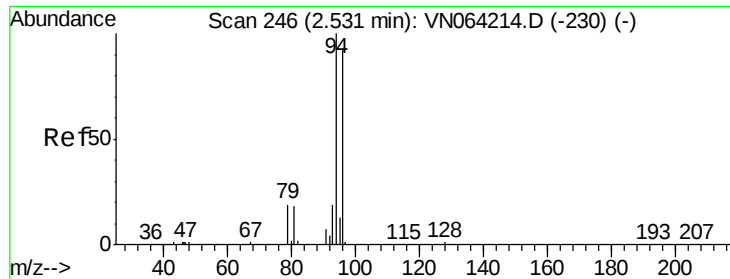
Tgt Ion: 62 Resp: 525710

Ion Ratio Lower Upper

62 100

64 31.7 26.8 40.2





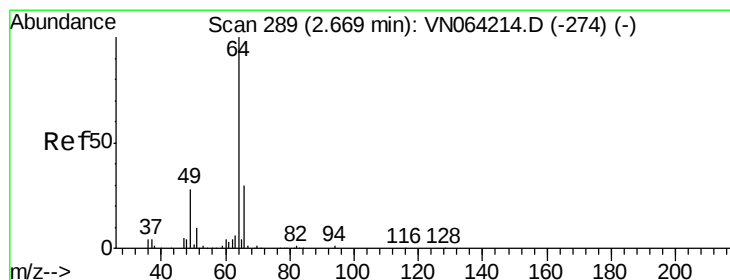
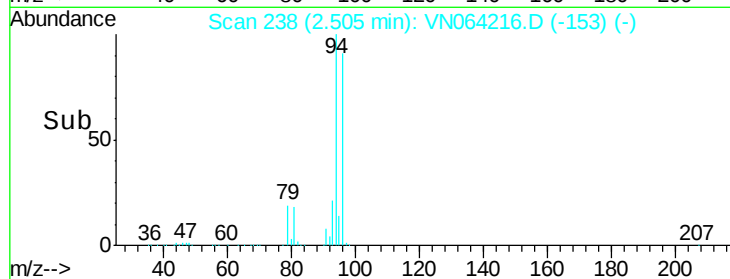
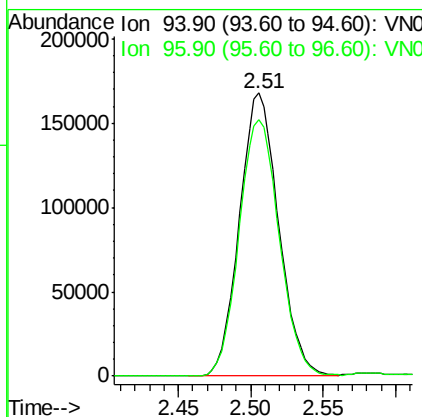
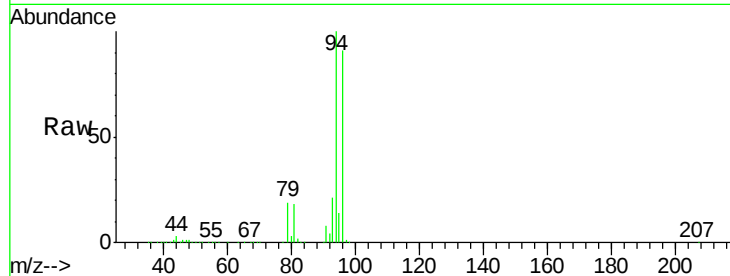
#5
Bromomethane
Concen: 106.529 ug/l
RT: 2.51 min Scan# 238
Delta R.T. -0.03 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

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Tot Ion	Ratio	Lower	Upper
94	100		
96	90.5	74.2	111.4

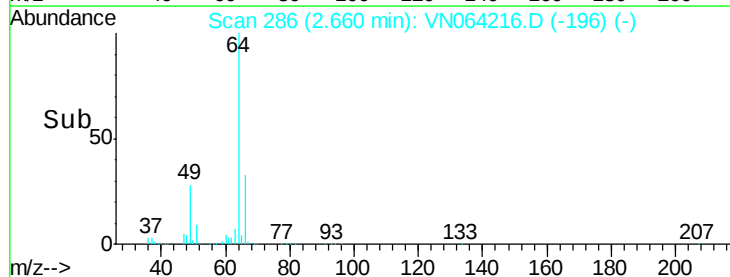
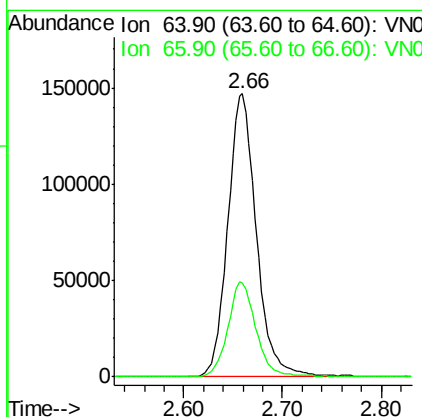
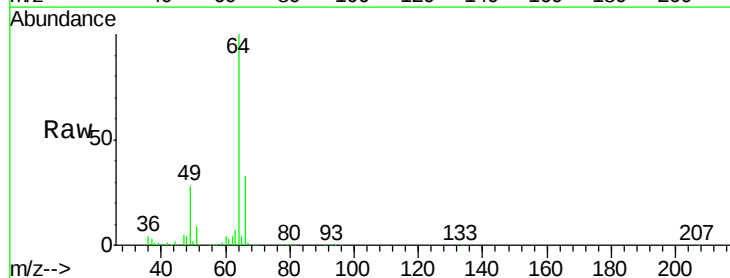
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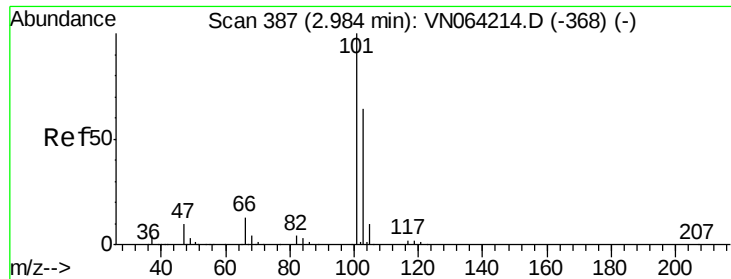
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#6
Chloroethane
Concen: 95.291 ug/l
RT: 2.66 min Scan# 286
Delta R.T. -0.01 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

Tgt Ion	Ratio	Lower	Upper
64	100		
66	33.0	24.5	36.7





#7

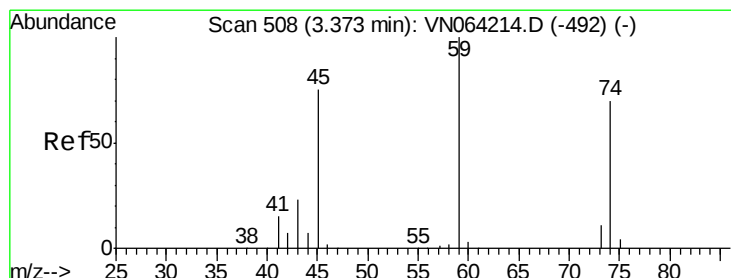
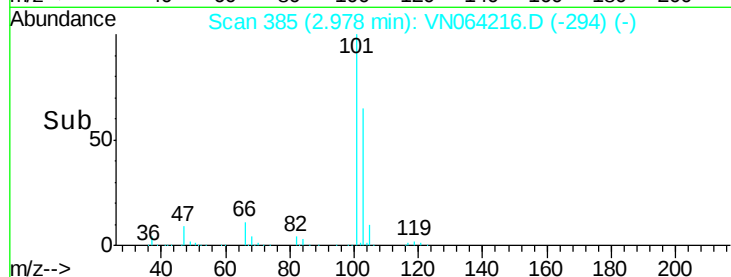
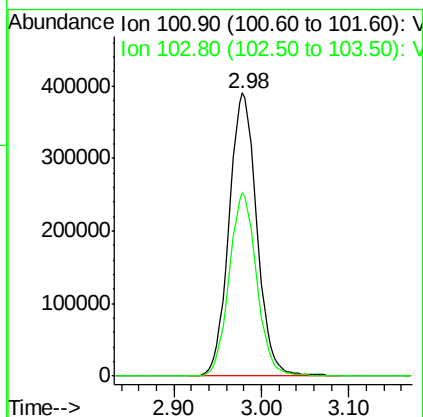
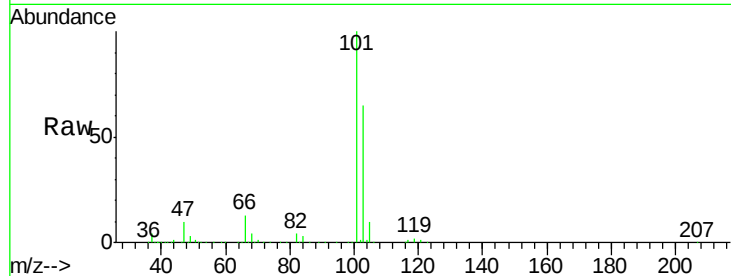
Trichlorofluoromethane
Concen: 150.018 ug/l
RT: 2.98 min Scan# 385
Delta R.T. -0.01 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
101	100	860123		
103	64.6	51.0	76.6	

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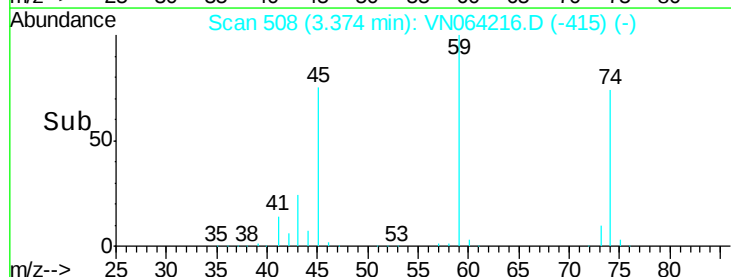
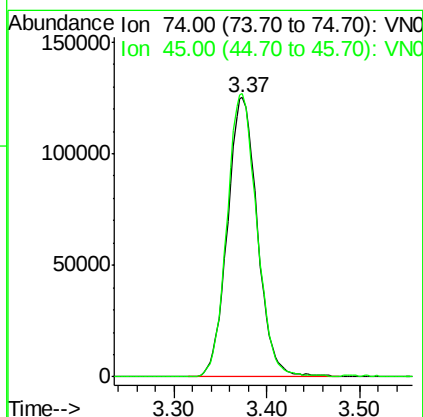
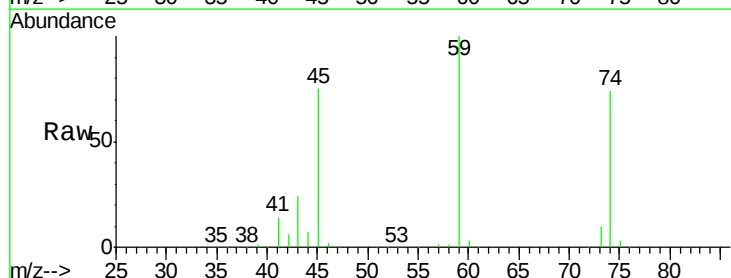
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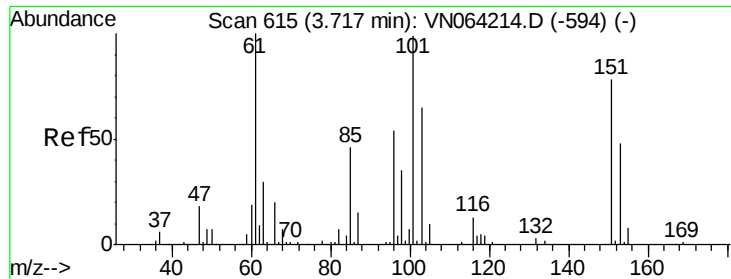


#8

Diethyl Ether
Concen: 155.675 ug/l
RT: 3.37 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	280076		
45	101.5	51.3	154.0	





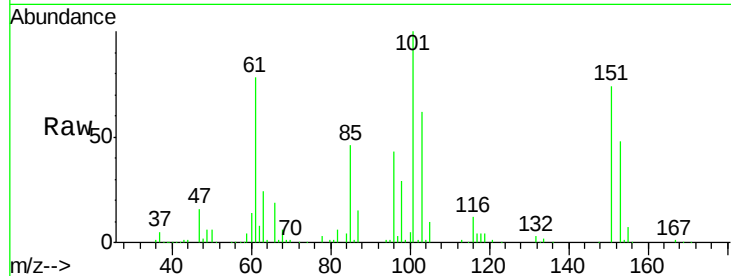
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 152.962 ug/l
 RT: 3.72 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: VN064216.D
 Acq: 21 Oct 2020 12:32

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 ClientSampleId :
 VSTDIC150

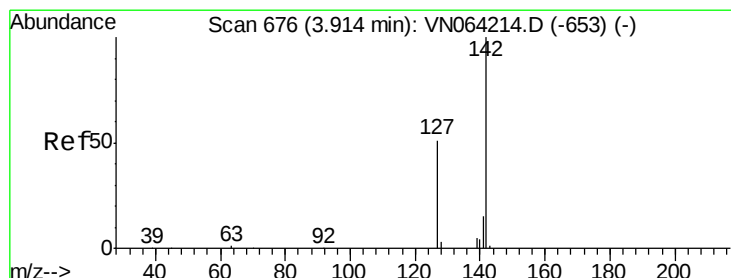
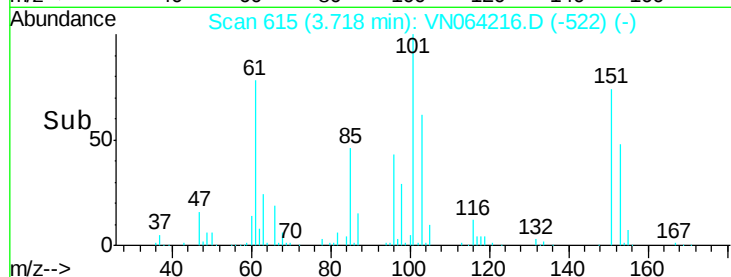
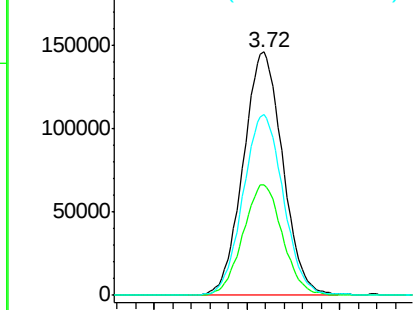
Tot Ion	Ratio	Resp	Lower	Upper
101	100	431502		
85	45.5	37.8	56.8	
151	76.0	61.4	92.2	

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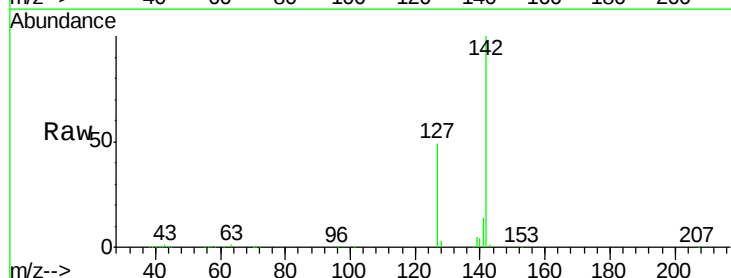


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

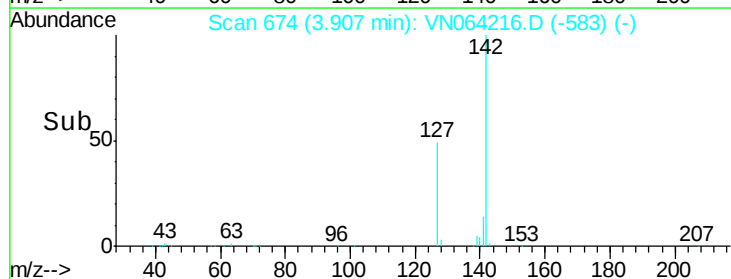
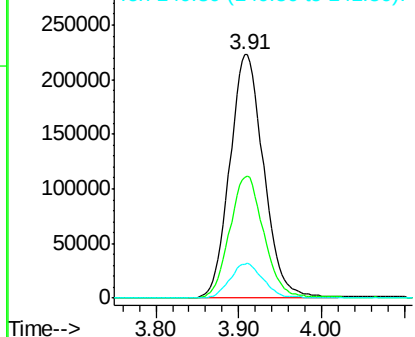


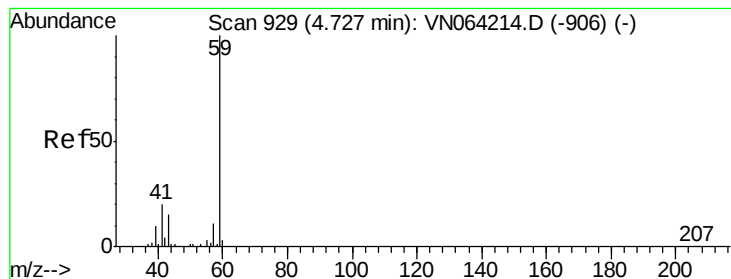
#10
 Methyl Iodide
 Concen: 159.911 ug/l
 RT: 3.91 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: VN064216.D
 Acq: 21 Oct 2020 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	635306		
127	50.6	41.0	61.6	
141	14.0	11.3	16.9	



Abundance Ion 141.80 (141.50 to 142.50): V
 Ion 126.80 (126.50 to 127.50): V
 Ion 140.80 (140.50 to 141.50): V





#11

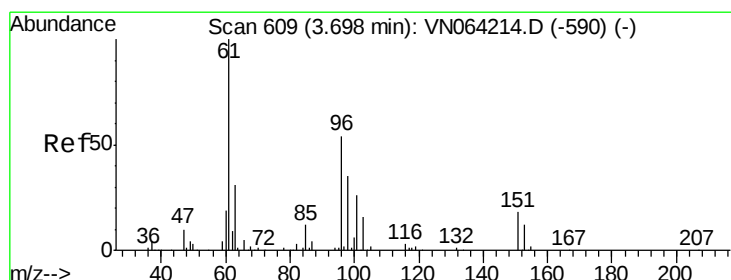
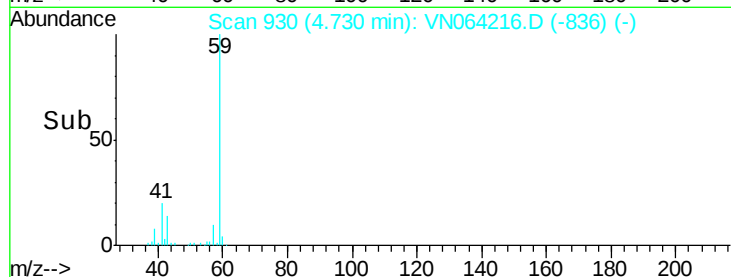
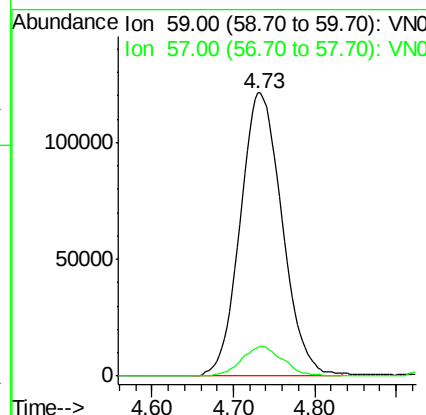
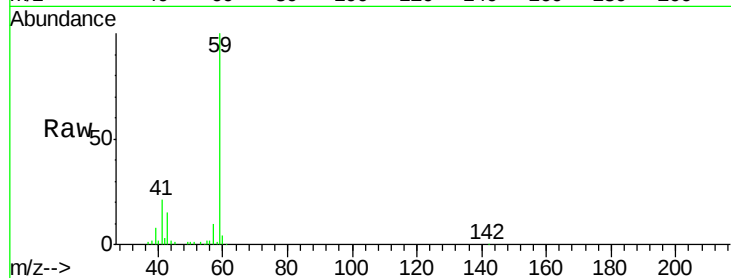
Tert butyl alcohol
Concen: 911.219 ug/l
RT: 4.73 min Scan# 930
Delta R.T. 0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	9.2	13.8

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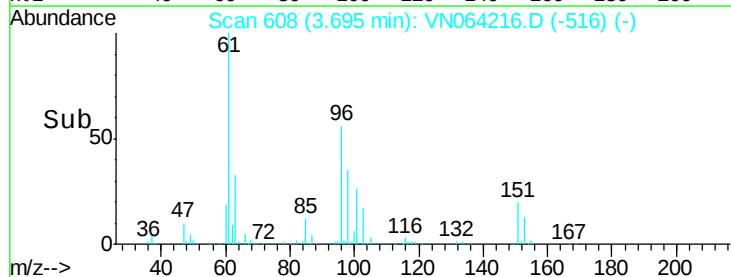
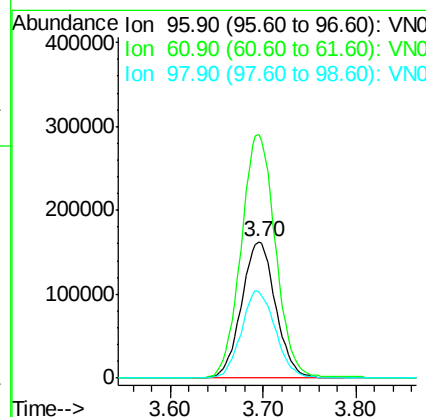
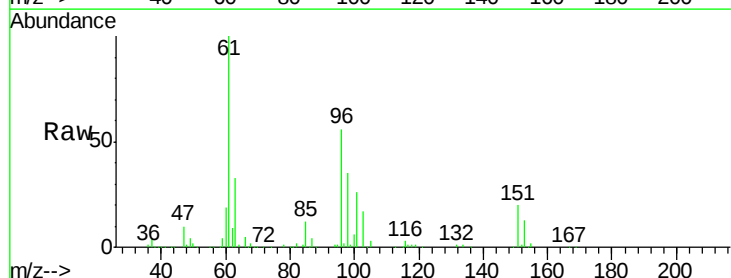
MMDadoda
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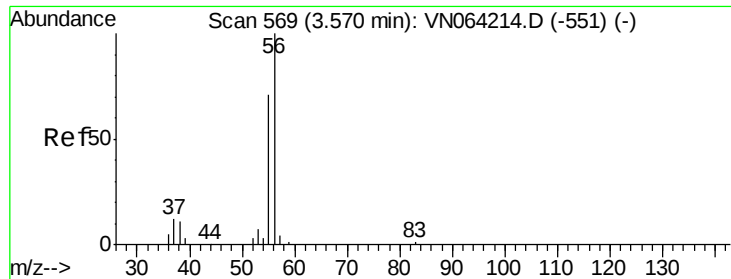


#12

1,1-Dichloroethene
Concen: 146.220 ug/l
RT: 3.70 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

Tgt Ion	Ratio	Lower	Upper
96	100		
61	178.2	147.0	220.4
98	63.2	51.7	77.5





#13

Acrolein

Concen: 801.092 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.01 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 56 Resp: 288127

Ion Ratio Lower Upper

56 100

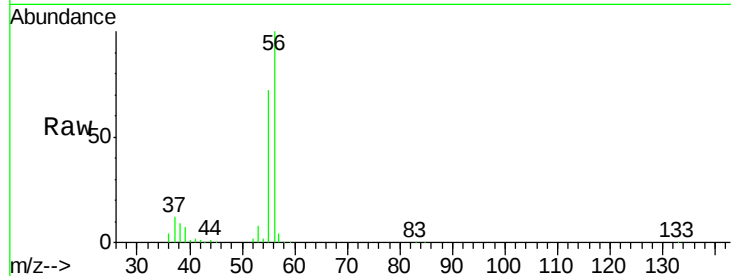
55 70.7 56.1 84.1

Manual Integrations

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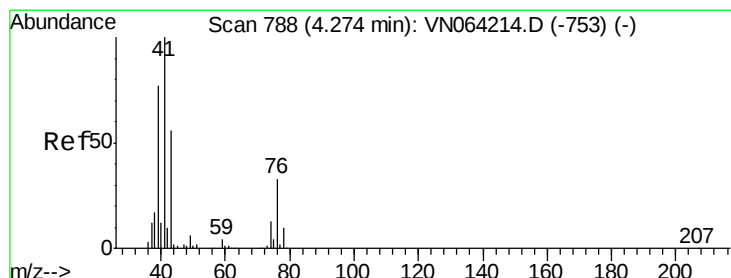
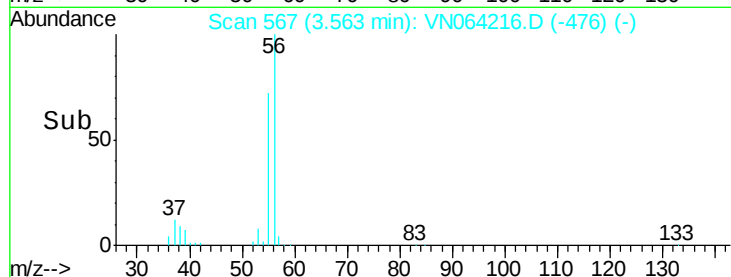
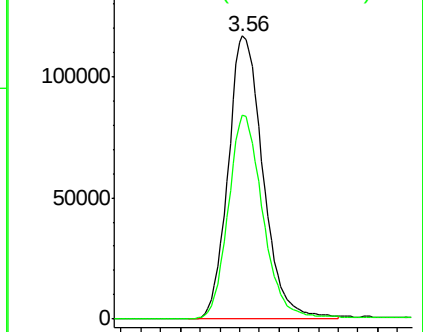
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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 183.567 ug/l

RT: 4.27 min Scan# 788

Delta R.T. 0.00 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

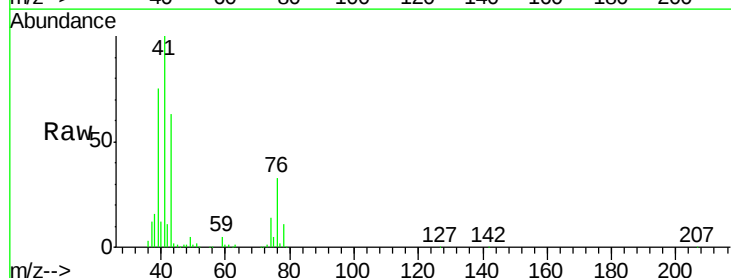
Tgt Ion: 41 Resp: 848016

Ion Ratio Lower Upper

41 100

39 71.4 58.6 88.0

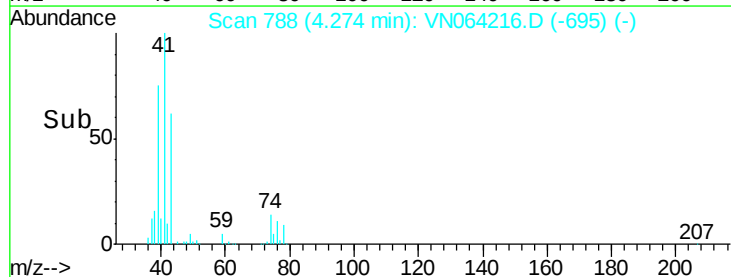
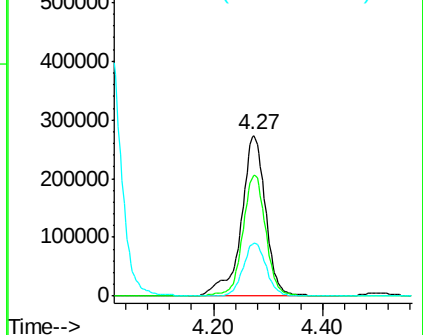
76 30.6 24.5 36.7

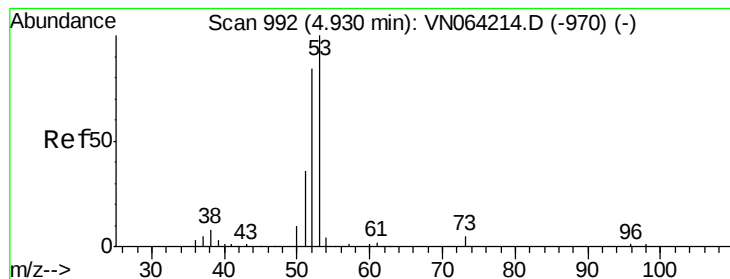


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 762.355 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

Instrument :

MSVOA_N

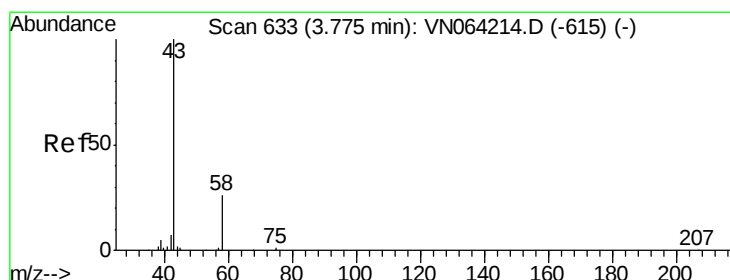
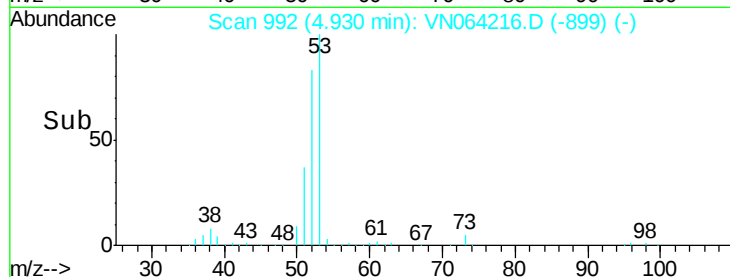
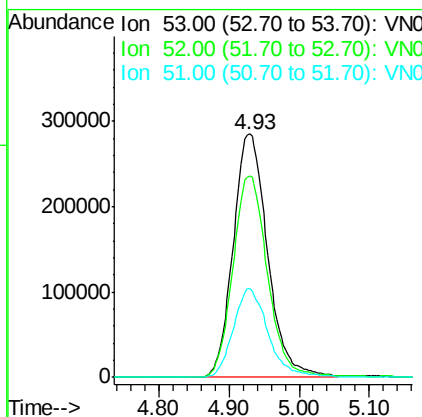
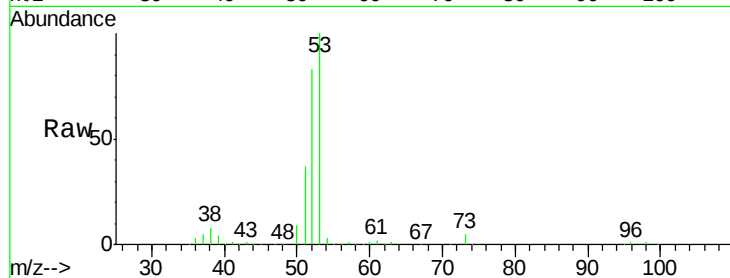
ClientSampleId :

VSTDIC150

Tot Ion:	53	Resp:	970501
Ion	Ratio	Lower	Upper
53	100		
52	83.2	66.8	100.2
51	37.0	30.7	46.1

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#16

Acetone

Concen: 795.276 ug/l

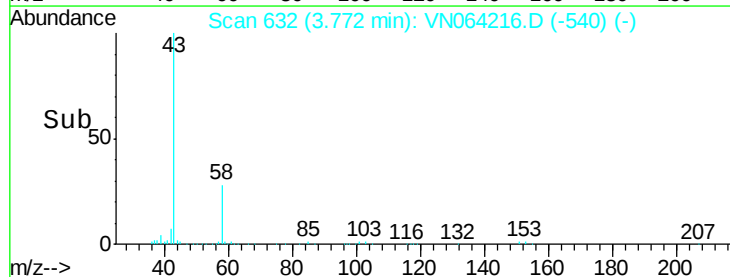
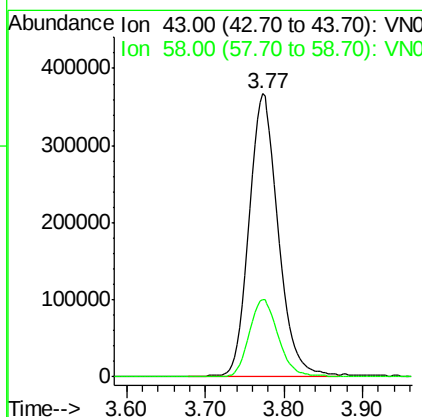
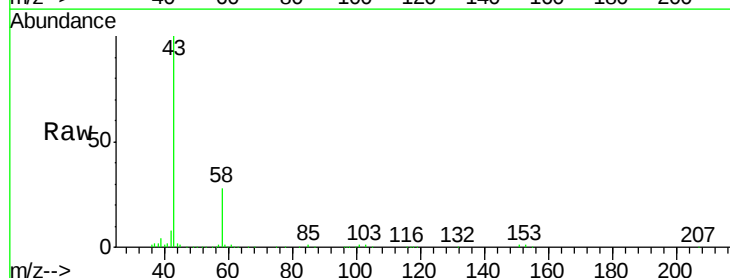
RT: 3.77 min Scan# 632

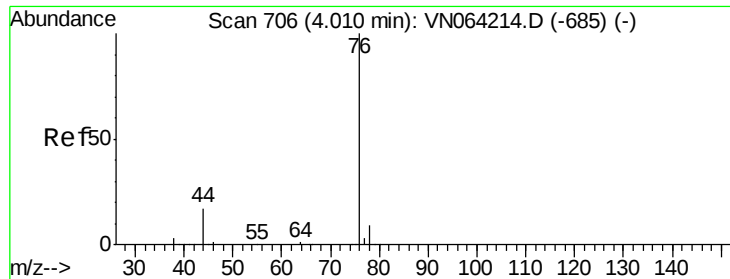
Delta R.T. -0.00 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

Tgt Ion:	43	Resp:	966478
Ion	Ratio	Lower	Upper
43	100		
58	27.5	21.0	31.4





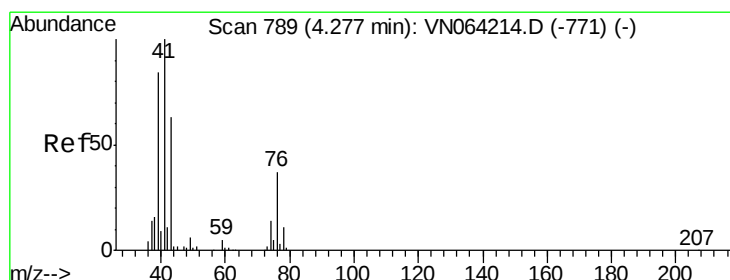
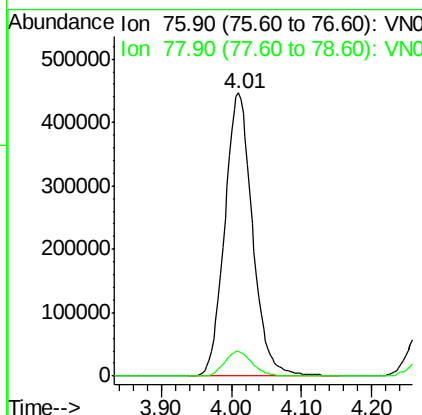
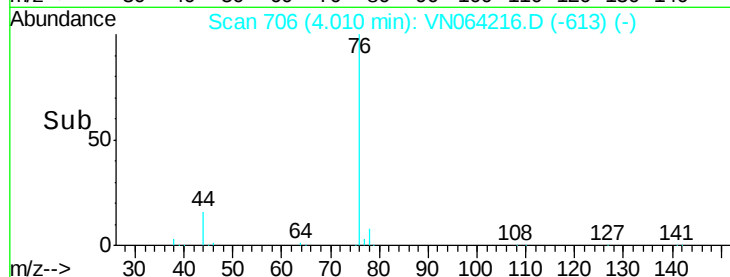
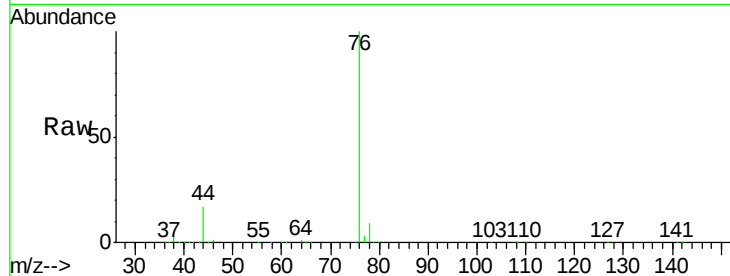
#17
Carbon Disulfide
Concen: 152.328 ug/l
RT: 4.01 min Scan# 706
Delta R.T. 0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 76 Resp: 1229777
Ion Ratio Lower Upper
76 100
78 8.7 7.1 10.7

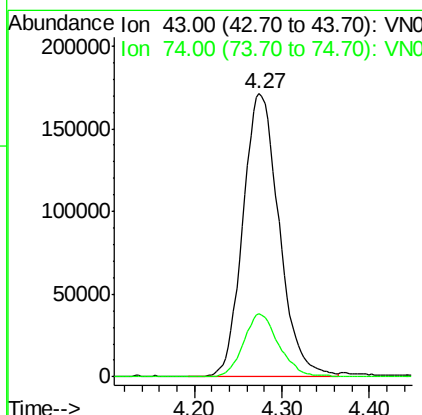
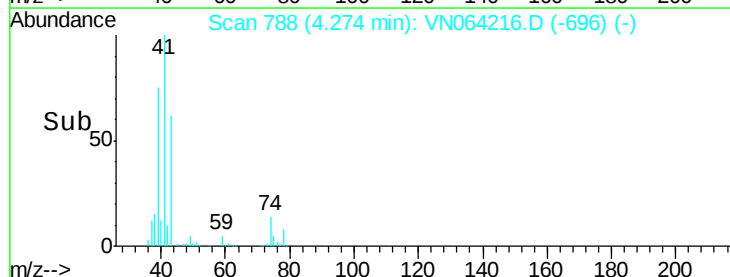
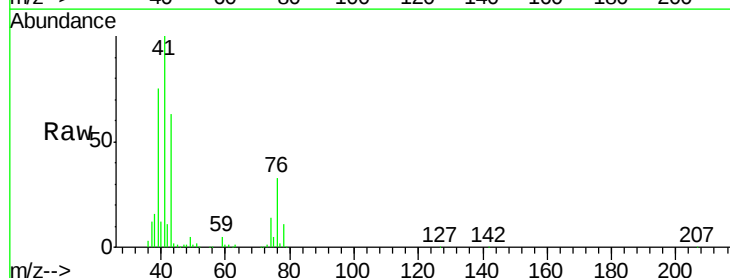
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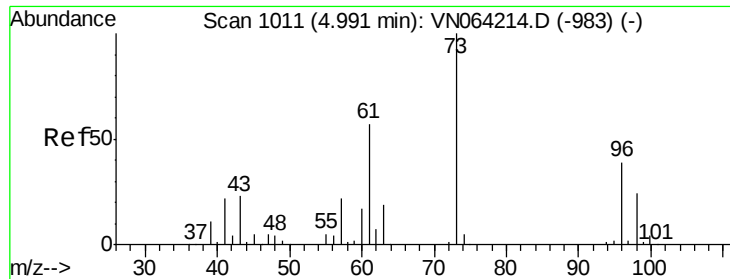
MMDadoda
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#18
Methyl Acetate
Concen: 160.463 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

Tgt Ion: 43 Resp: 488472
Ion Ratio Lower Upper
43 100
74 22.0 17.9 26.9





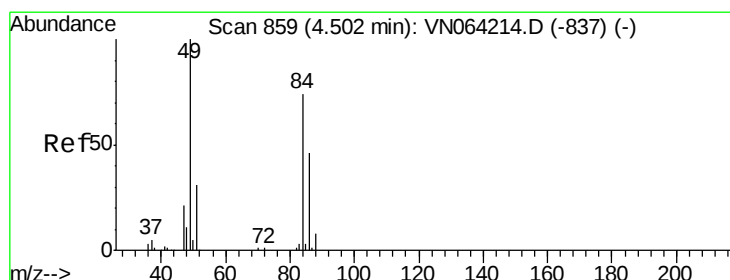
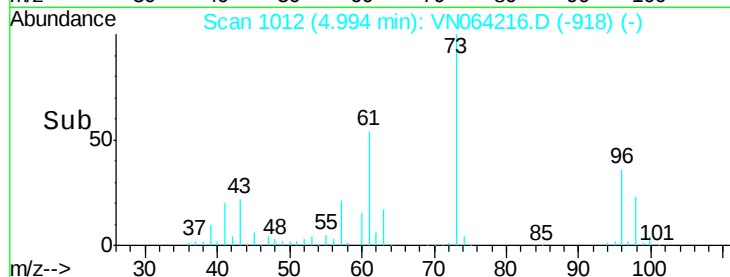
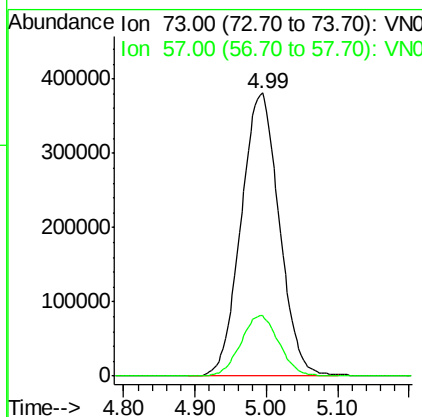
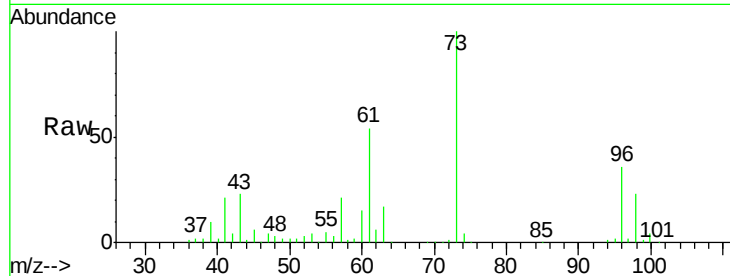
#19
Methvl tert-butvl Ether
Concen: 166.833 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 73 Resp: 1415315
Ion Ratio Lower Upper
73 100
57 21.3 18.0 27.0

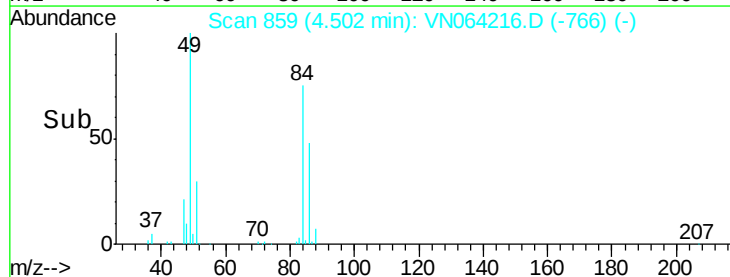
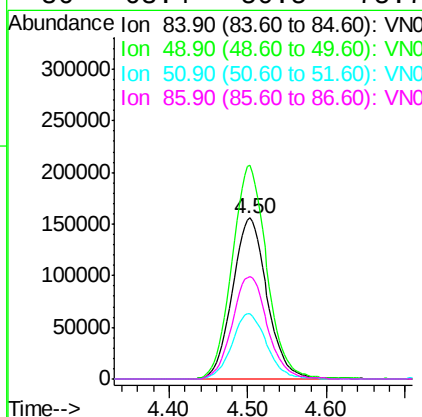
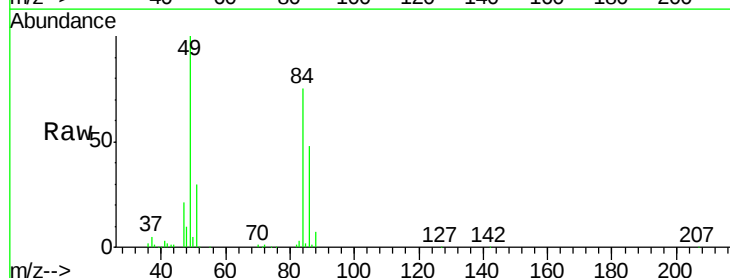
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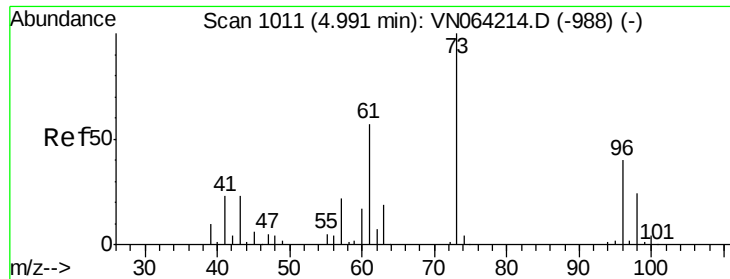
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#20
Methylene Chloride
Concen: 130.875 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

Tgt Ion: 84 Resp: 480483
Ion Ratio Lower Upper
84 100
49 132.7 108.5 162.7
51 40.4 33.8 50.8
86 63.4 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 144.591 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 96 Resp: 459544

Ion Ratio Lower Upper

96 100

61 152.0 115.8 173.6

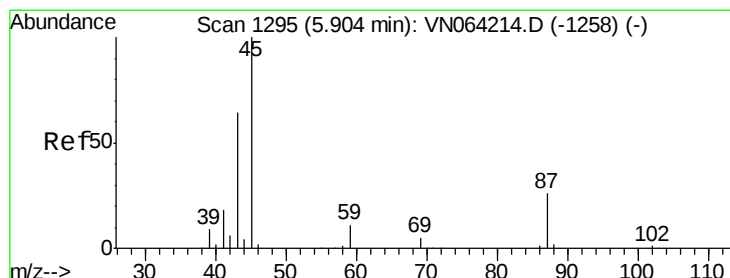
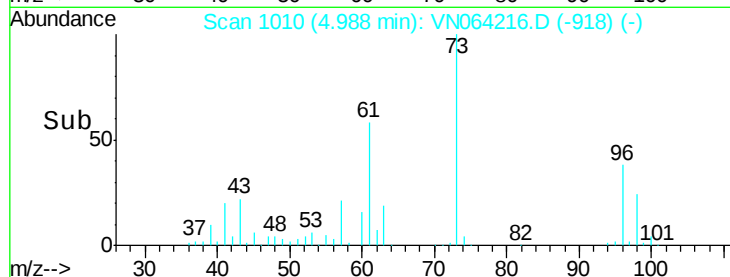
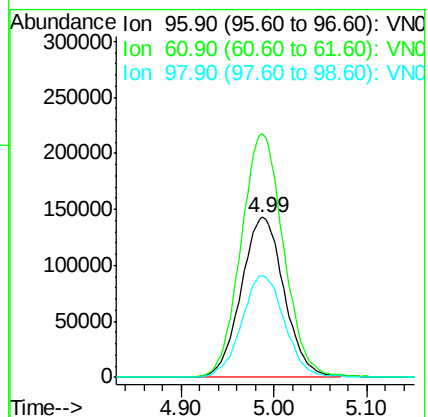
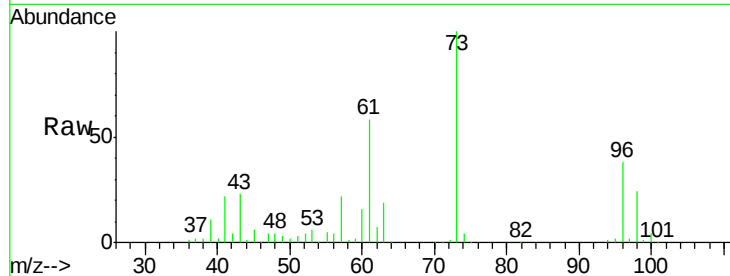
98 63.6 49.4 74.0

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#22

Diisopropyl ether

Concen: 172.516 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

Tgt Ion: 45 Resp: 1509508

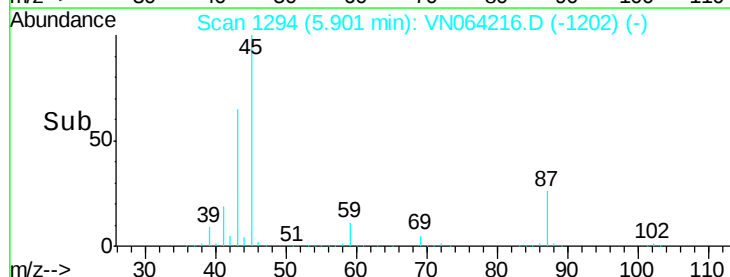
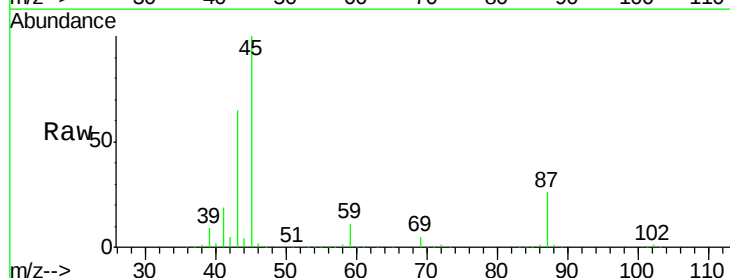
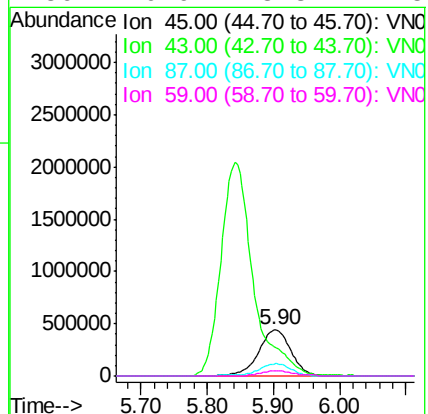
Ion Ratio Lower Upper

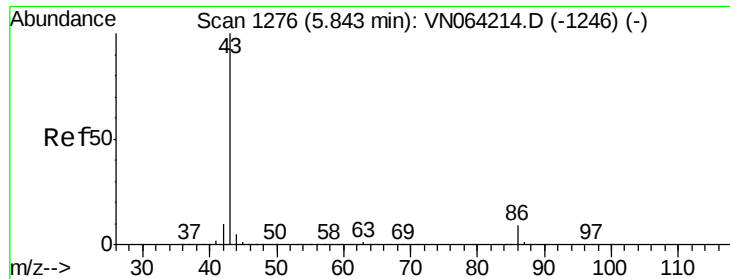
45 100

43 64.2 52.2 78.4

87 25.9 21.4 32.0

59 10.9 8.3 12.5





#23

Vinyl Acetate

Concen: 888.105 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 6956121

Ion Ratio Lower Upper

43 100

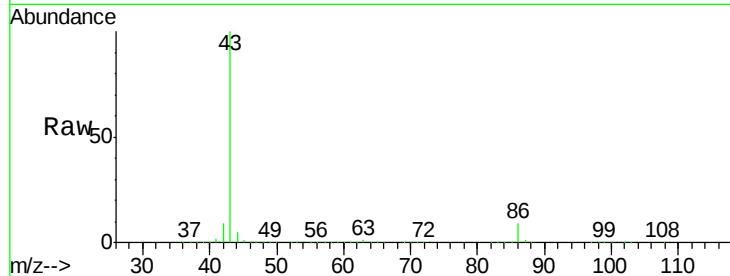
86 9.5 7.4 11.0

Manual Integrations

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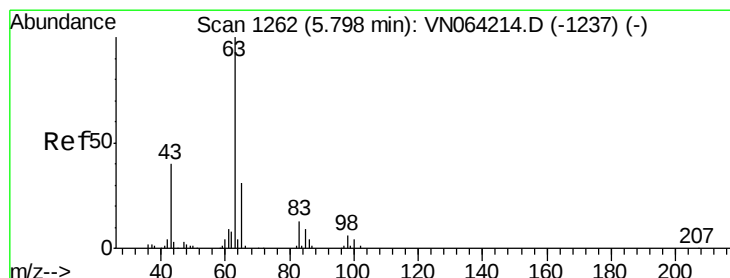
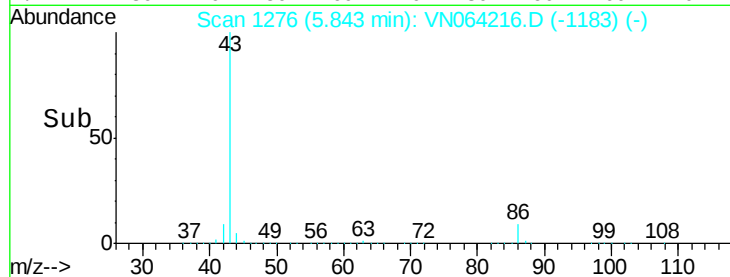
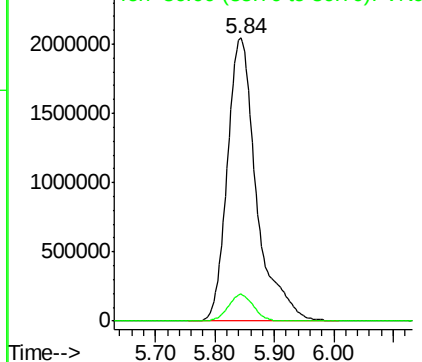
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Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 86.00 (85.70 to 86.70): VNO



#24

1,1-Dichloroethane

Concen: 149.749 ug/l

RT: 5.79 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

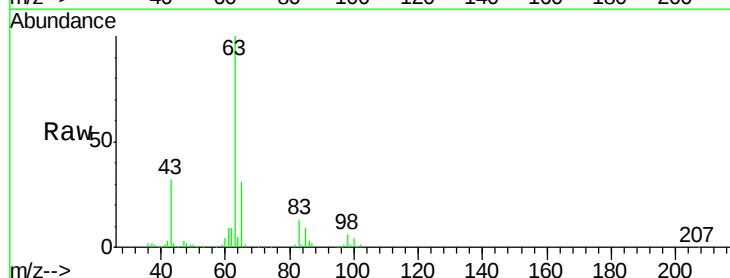
Tgt Ion: 63 Resp: 897603

Ion Ratio Lower Upper

63 100

98 5.8 2.9 8.7

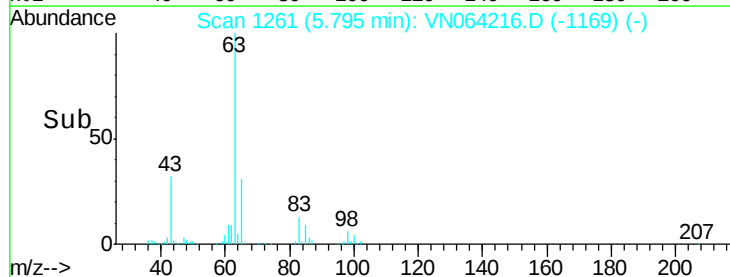
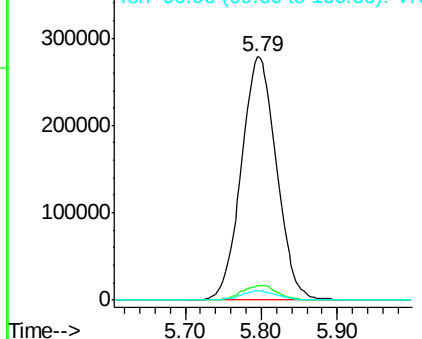
100 3.8 2.0 6.0

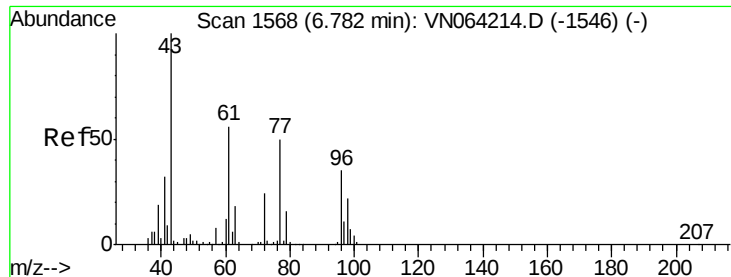


Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 97.90 (97.60 to 98.60): VNO

Ion 99.90 (99.60 to 100.60): VNO





#25

2-Butanone

Concen: 813.242 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 1516442

Ion Ratio Lower Upper

43 100

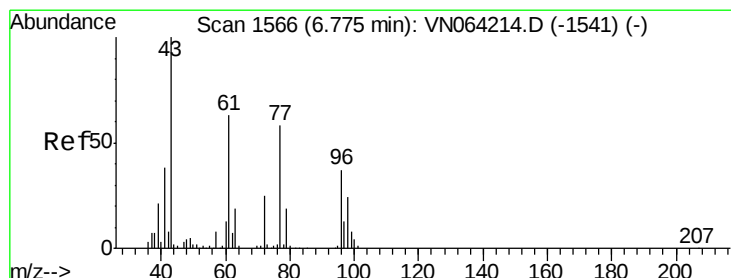
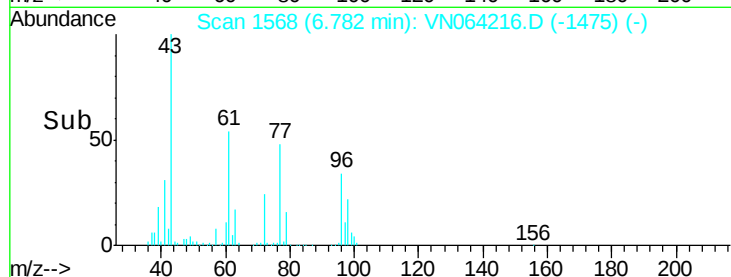
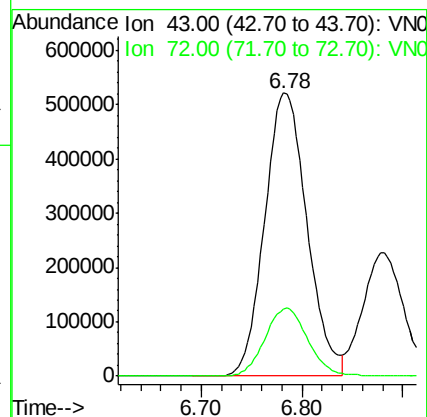
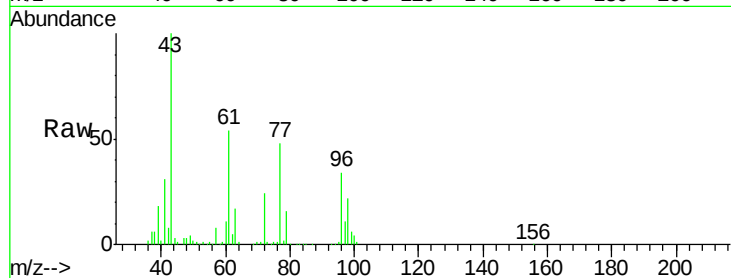
72 23.7 19.4 29.0

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#26

2,2-Dichloropropane

Concen: 164.909 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN064216.D

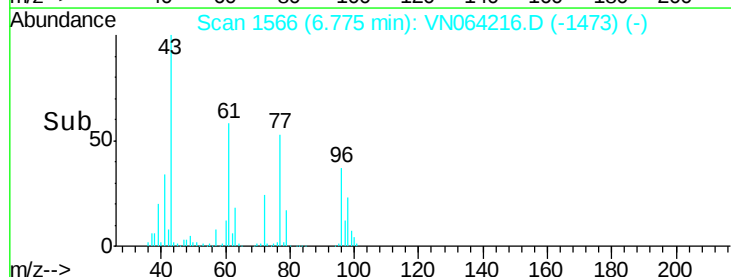
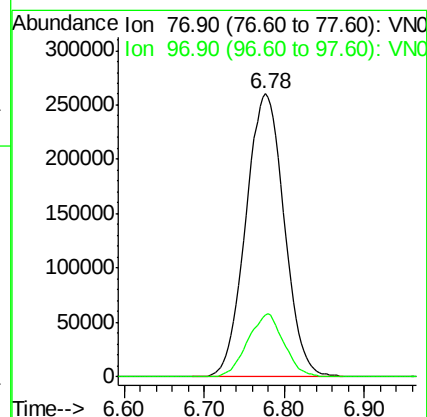
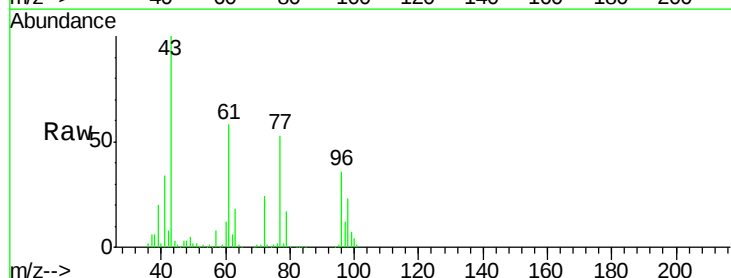
Acq: 21 Oct 2020 12:32

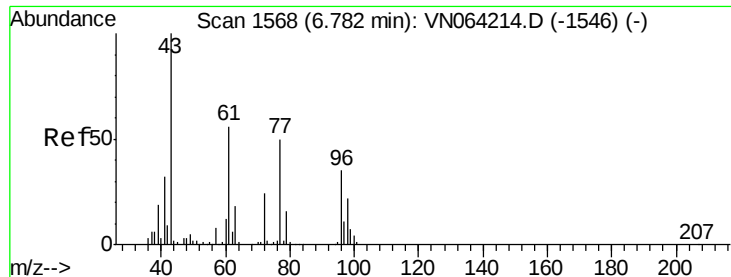
Tgt Ion: 77 Resp: 850418

Ion Ratio Lower Upper

77 100

97 21.1 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 143.250 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

Instrument :

MSVOA_N

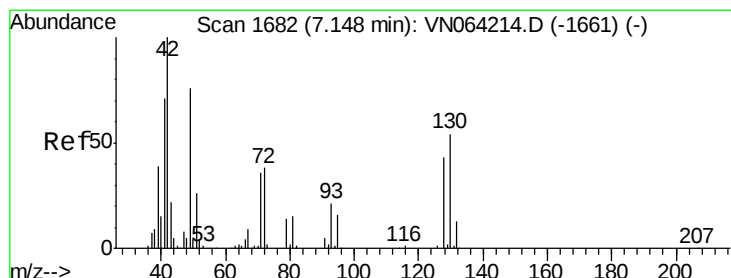
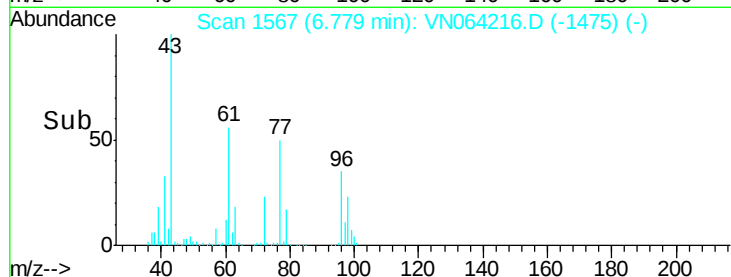
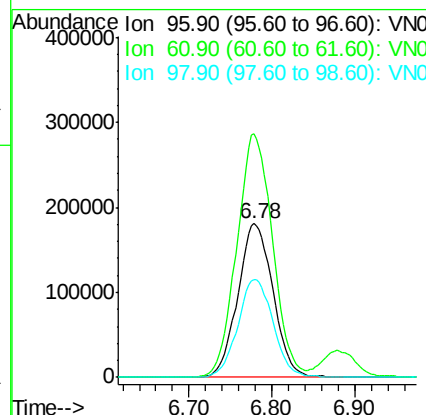
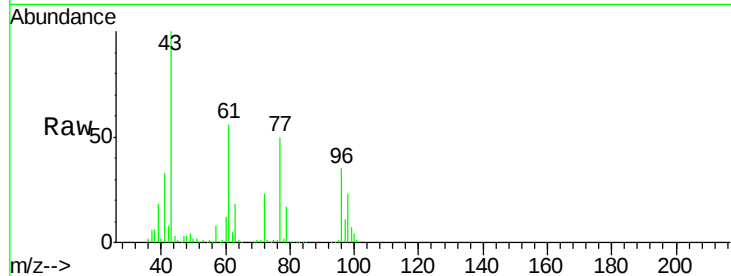
ClientSampleId :

VSTDIC150

Tot Ion:	96	Resp:	534007
Ion Ratio	Lower	Upper	
96	100		
61	160.4	0.0	330.0
98	63.9	0.0	130.6

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#28

Bromochloromethane

Concen: 157.339 ug/l

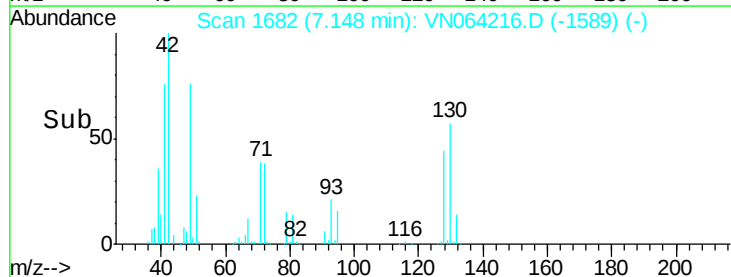
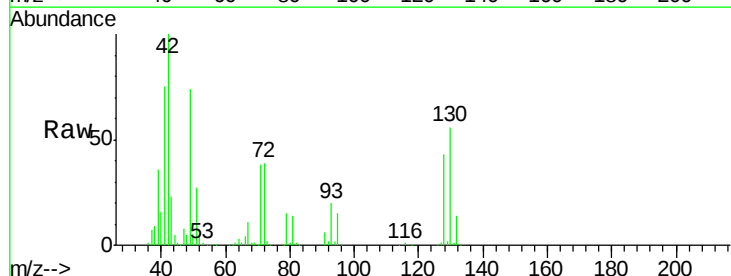
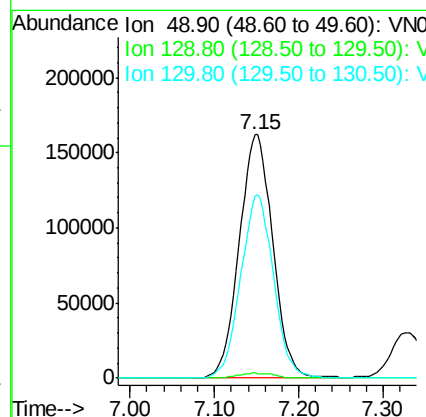
RT: 7.15 min Scan# 1682

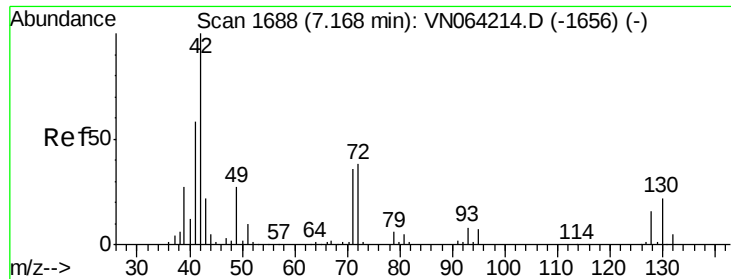
Delta R.T. 0.00 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

Tgt Ion:	49	Resp:	449485
Ion Ratio	Lower	Upper	
49	100		
129	2.1	0.0	2.8
130	73.6	58.8	88.2





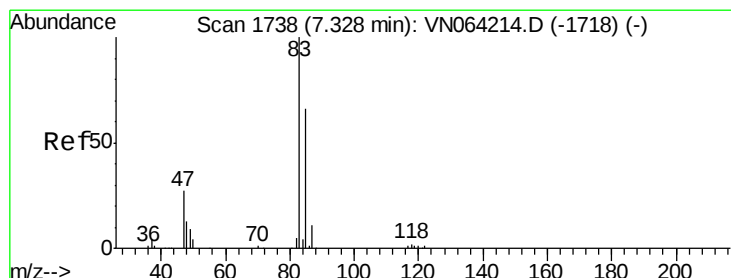
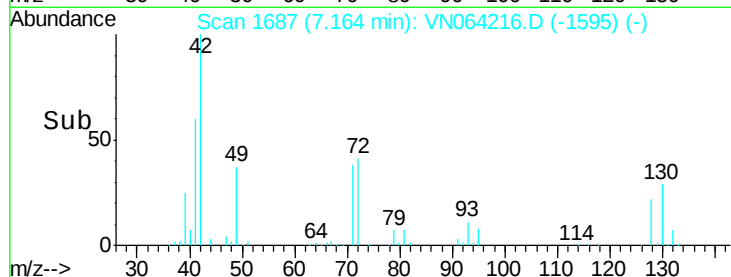
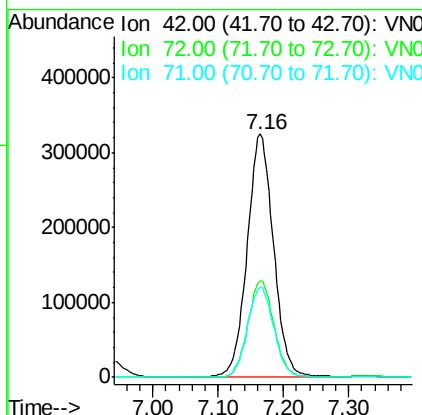
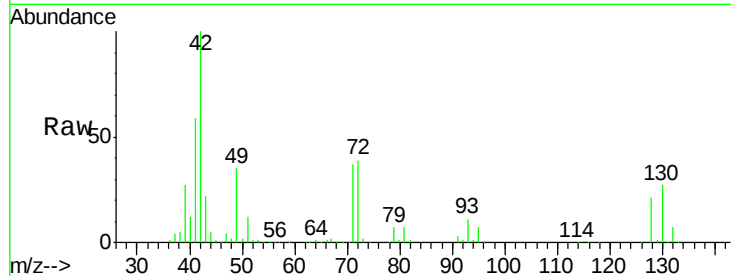
#29
Tetrahydrofuran
Concen: 831.495 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.4	30.8	46.2
71	37.0	29.0	43.6

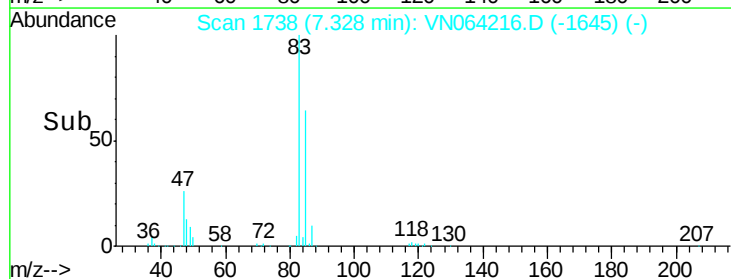
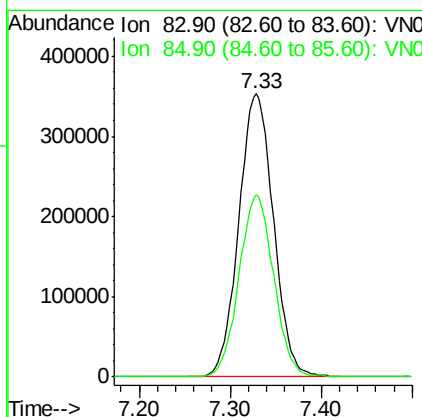
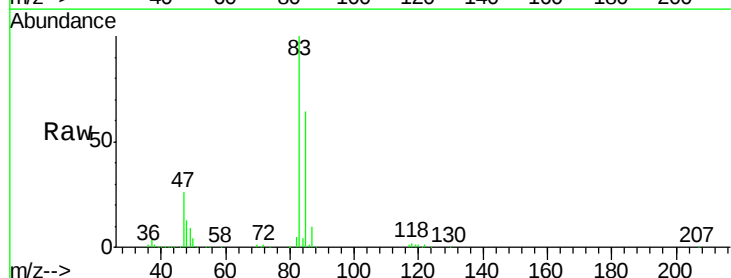
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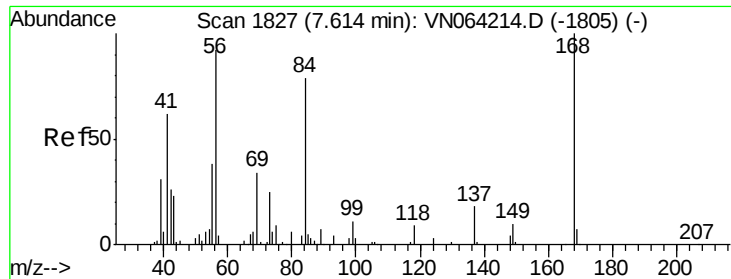
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#30
Chloroform
Concen: 147.310 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	52.5	78.7





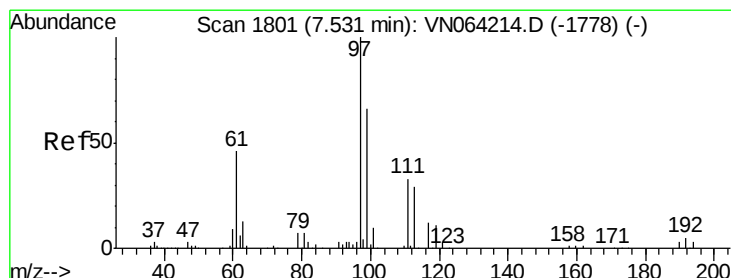
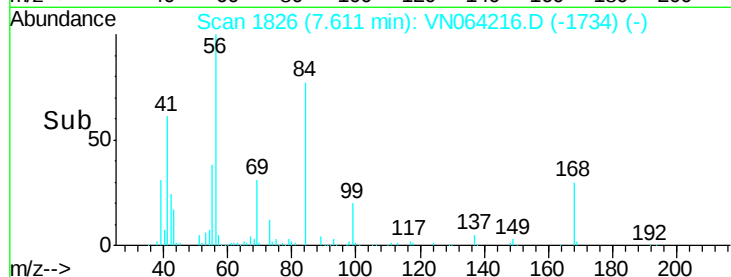
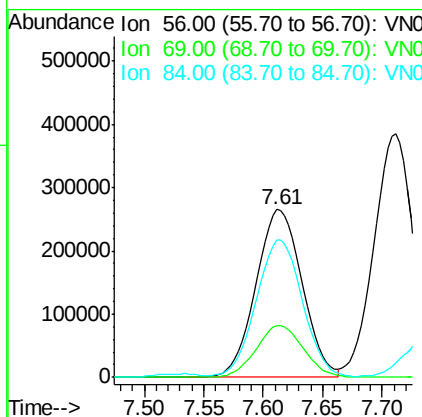
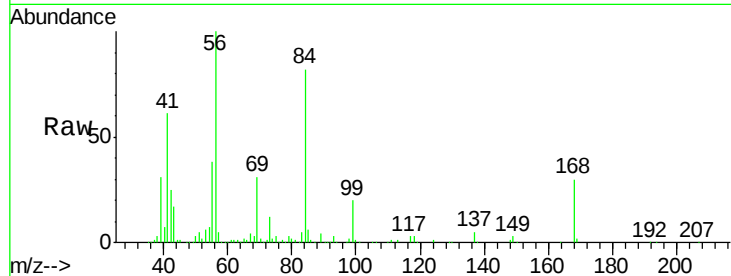
#31
Cyclohexane
Concen: 156.588 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.1	29.8	44.6
84	79.6	68.1	102.1

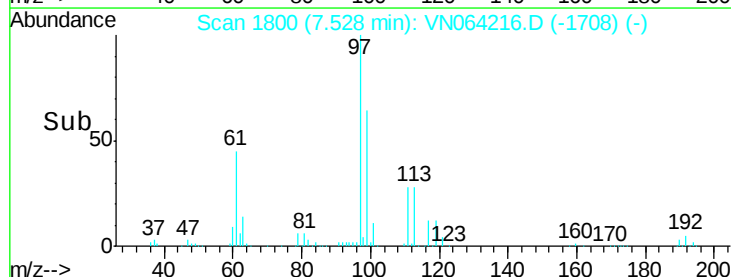
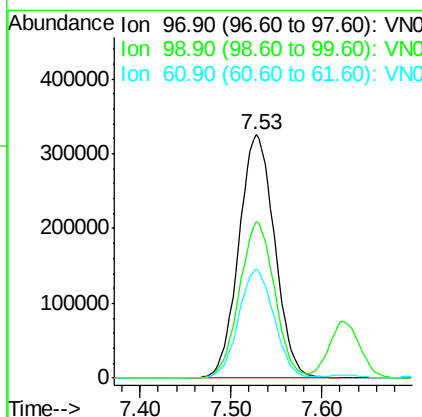
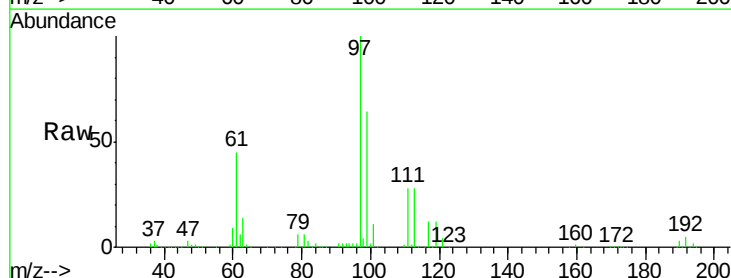
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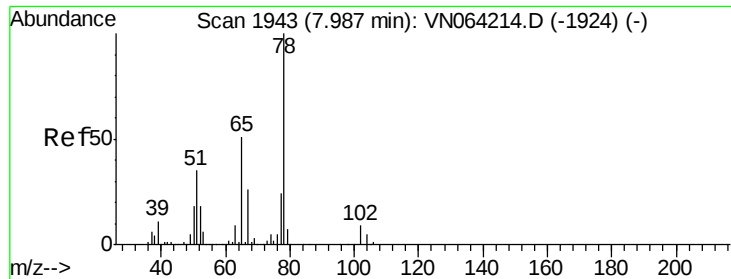
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#32
1,1,1-Trichloroethane
Concen: 159.455 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.2	76.8
61	44.4	36.3	54.5





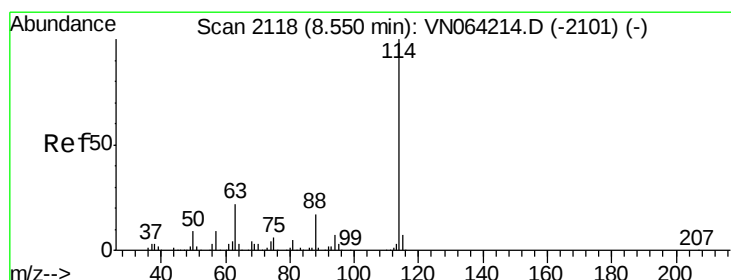
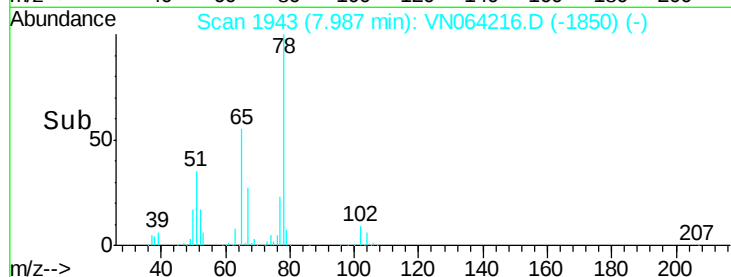
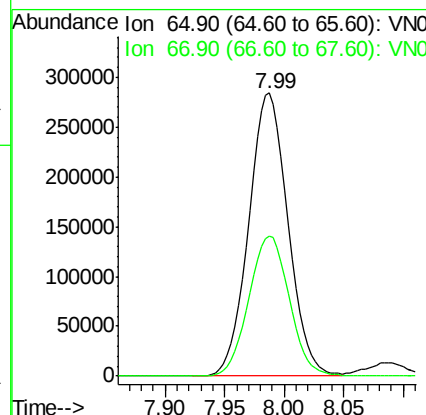
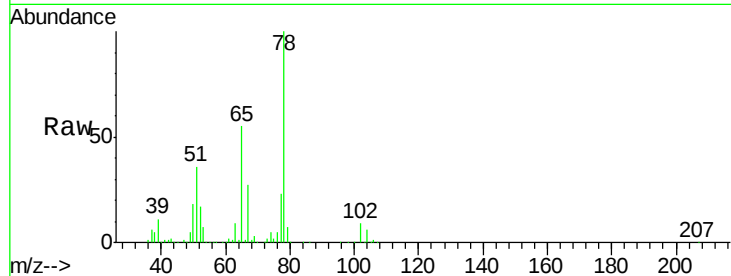
#33
 1,2-Dichloroethane-d4
 Concen: 157.953 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064216.D
 Acq: 21 Oct 2020 12:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion: 65 Resp: 649269
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 100.2

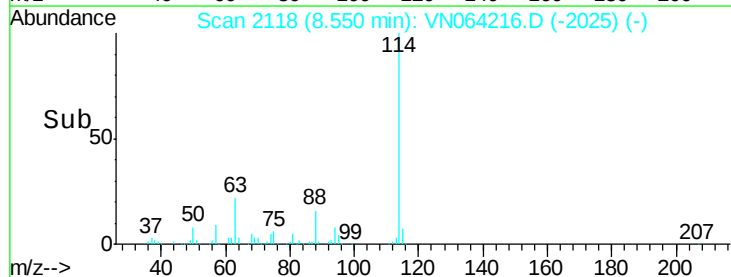
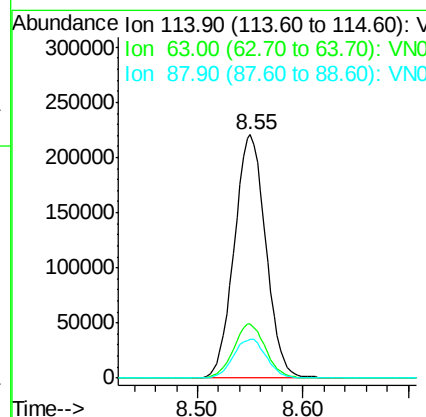
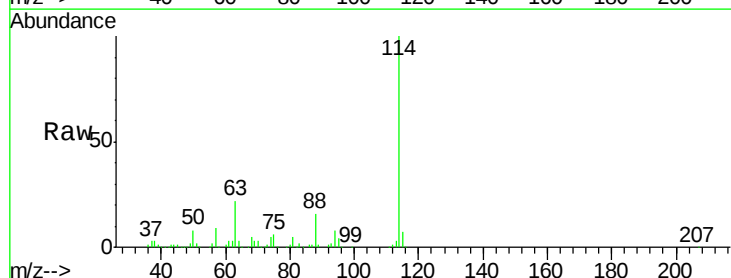
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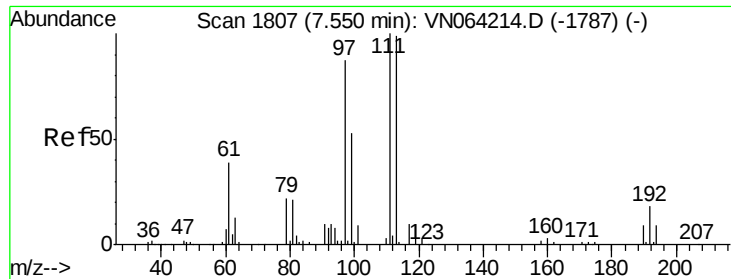
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064216.D
 Acq: 21 Oct 2020 12:32

Tgt Ion: 114 Resp: 457125
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 44.0
 88 16.2 0.0 34.2





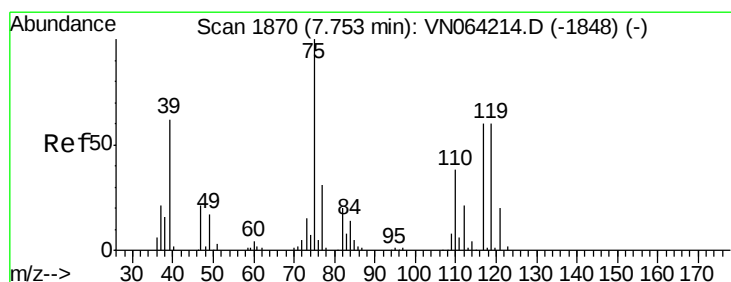
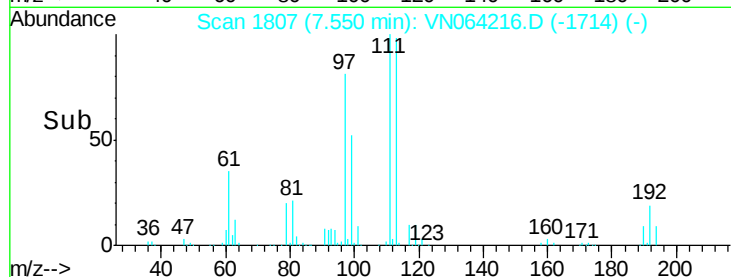
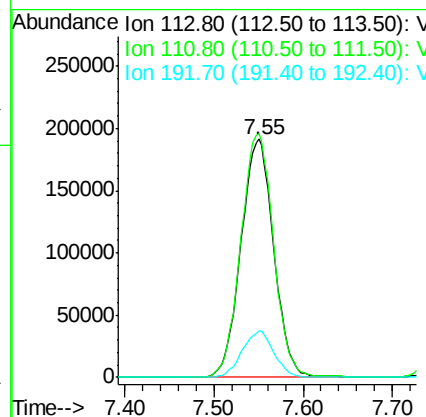
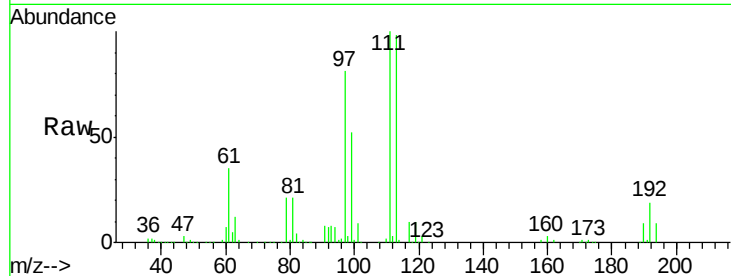
#35
Dibromofluoromethane
Concen: 154.365 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
113	100	487590		
111	102.8	84.2	126.2	
192	19.0	15.2	22.8	

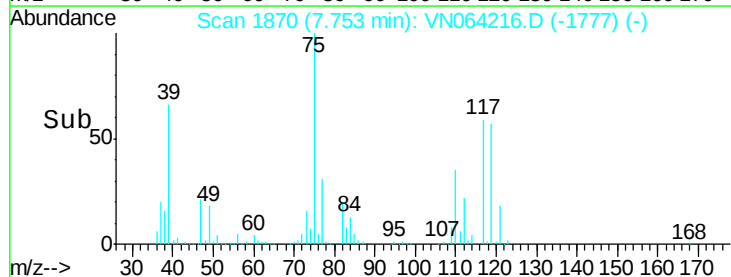
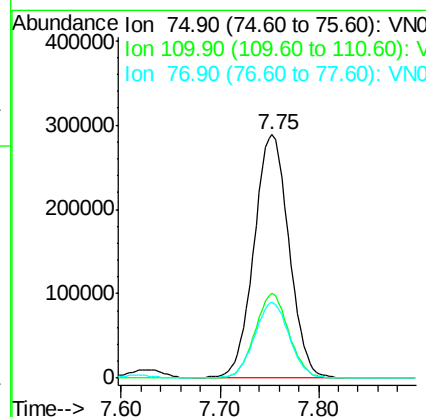
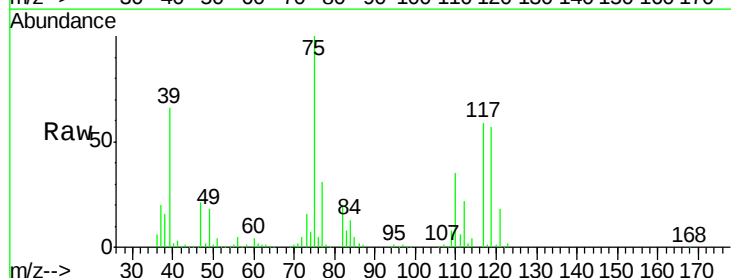
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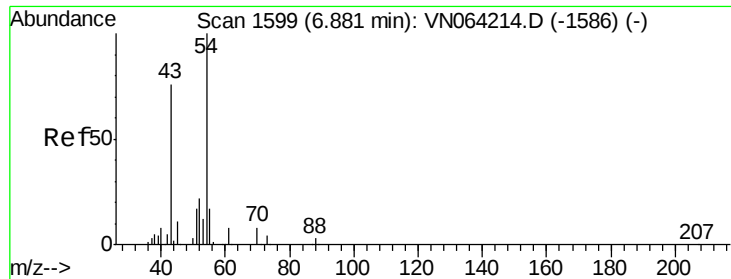
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#36
1,1-Dichloropropene
Concen: 158.571 ug/l
RT: 7.75 min Scan# 1870
Delta R.T. 0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	704660		
110	33.7	17.2	51.6	
77	30.9	24.9	37.3	





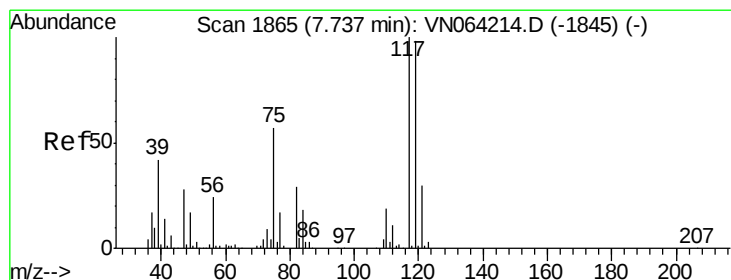
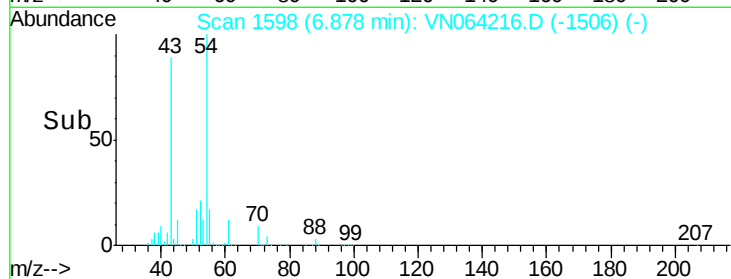
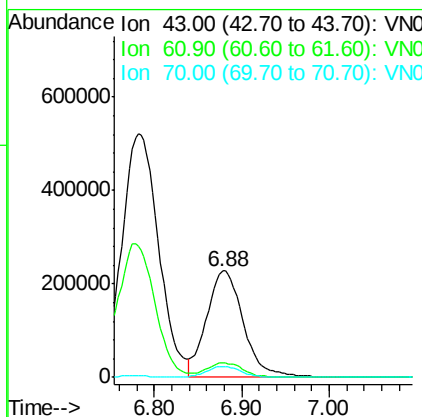
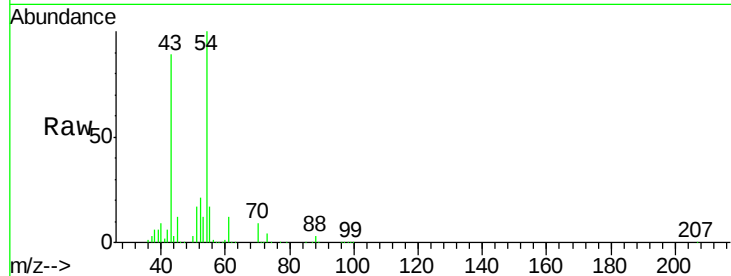
#37
Ethyl Acetate
Concen: 165.875 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.0	15.0
70	9.6	7.5	11.3

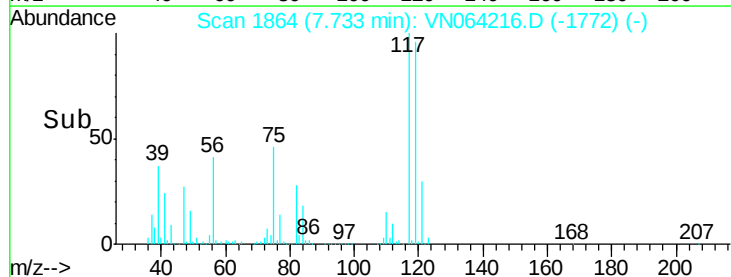
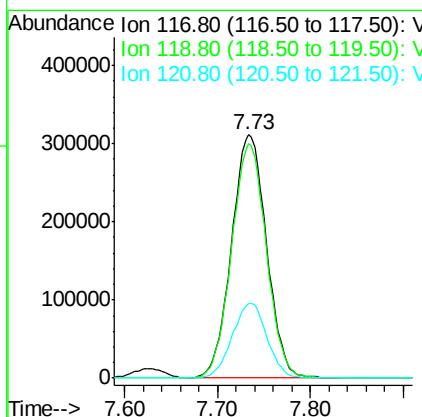
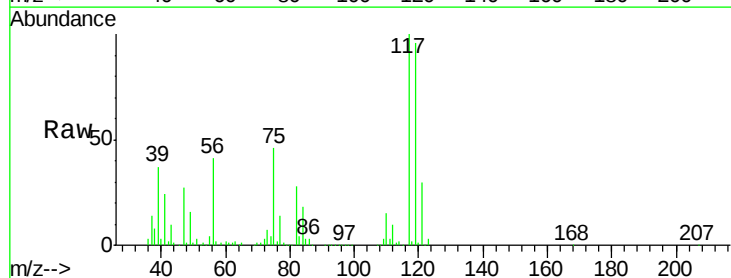
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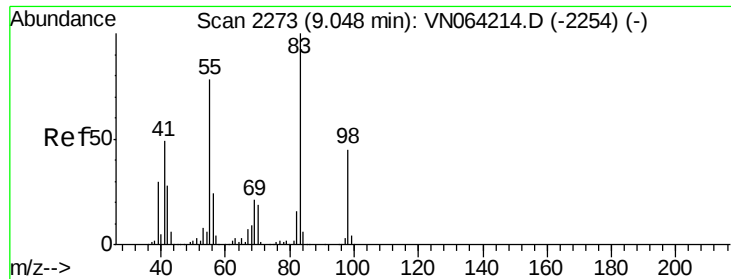
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#38
Carbon Tetrachloride
Concen: 166.584 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	78.5	117.7
121	30.6	24.3	36.5





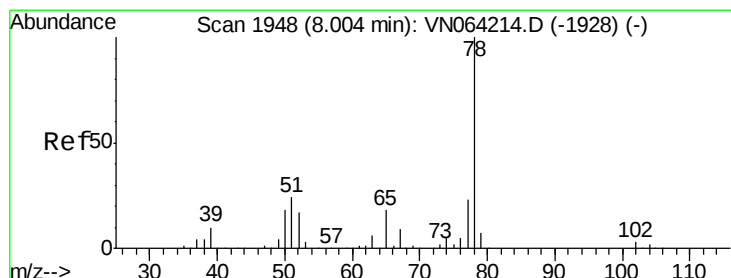
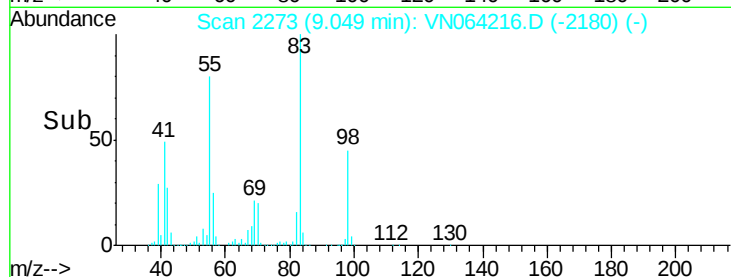
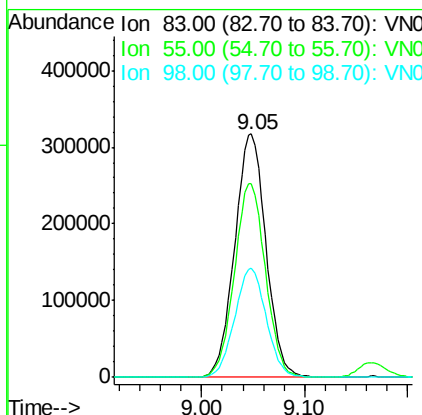
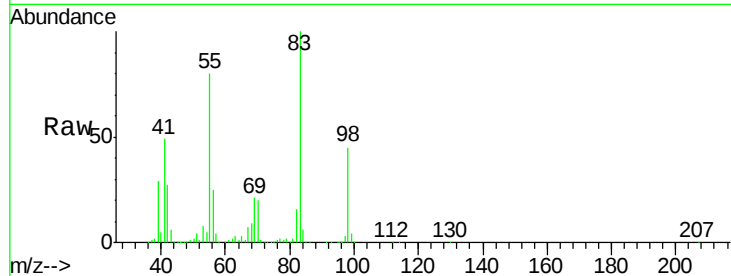
#39
Methvlcvclohexane
Concen: 176.925 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.6	62.2	93.2
98	44.9	35.9	53.9

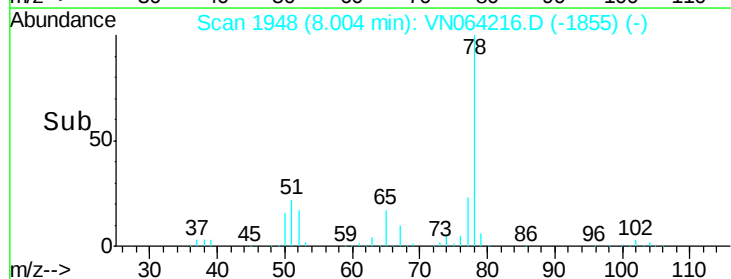
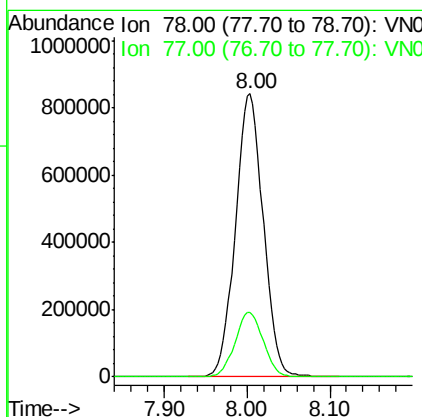
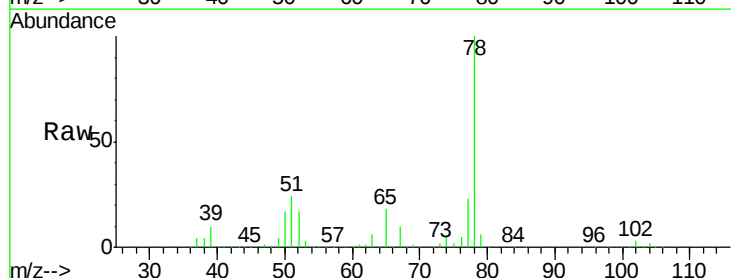
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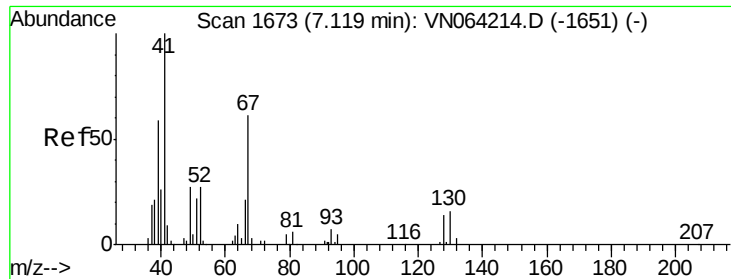
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#40
Benzene
Concen: 148.739 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.7	18.3	27.5





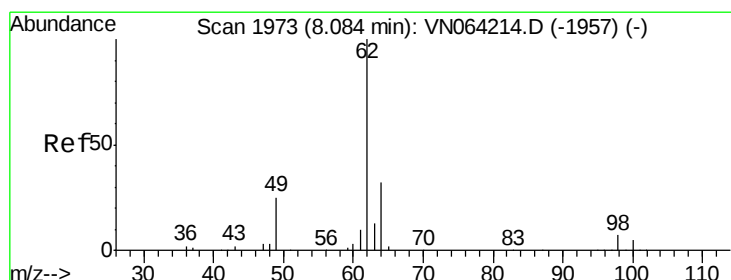
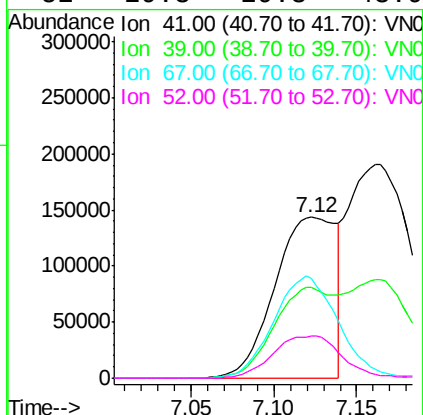
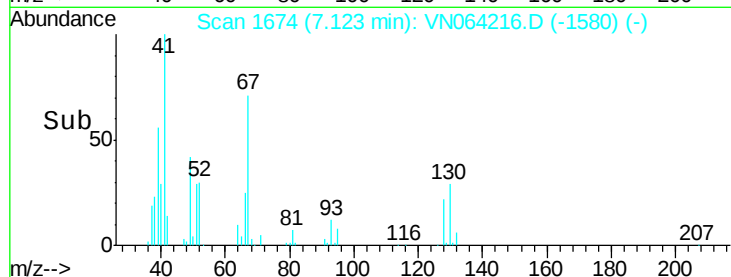
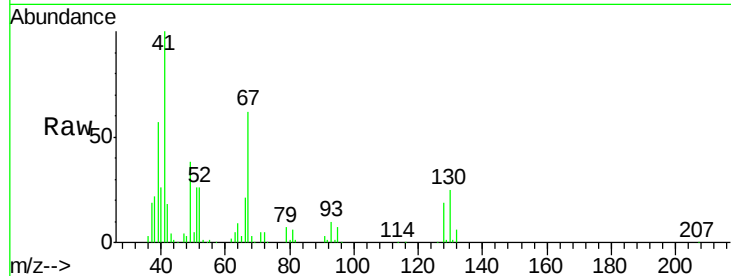
#41
Methacrylonitrile
Concen: 212.496 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Lower	Upper
41	100		
39	51.8	50.5	75.7
67	67.2	63.2	94.8
52	29.3	29.3	43.9

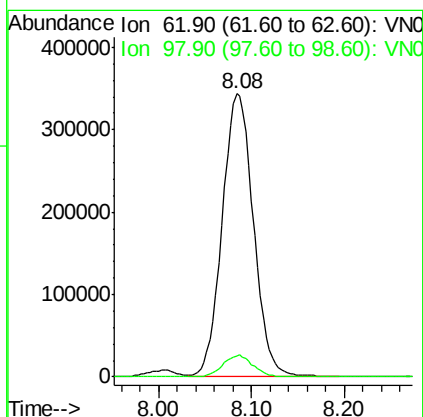
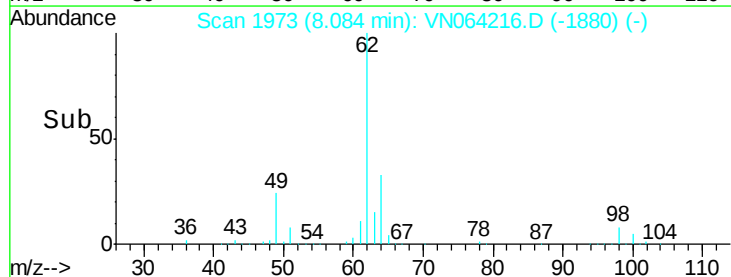
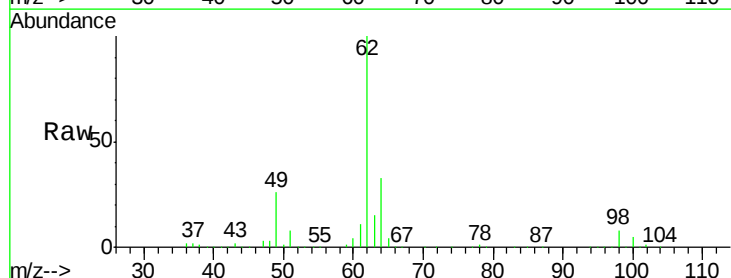
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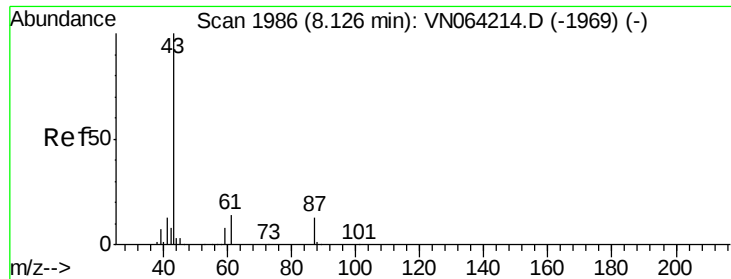
MMDadoda
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#42
1,2-Dichloroethane
Concen: 164.888 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.5	0.0	15.0





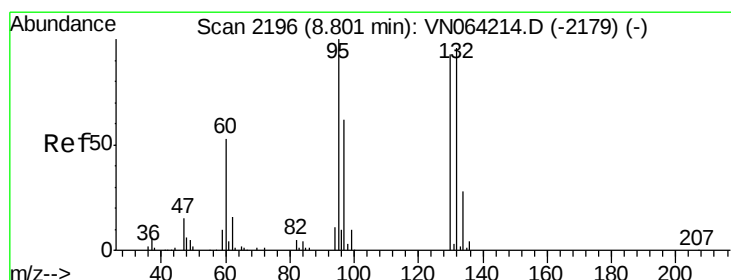
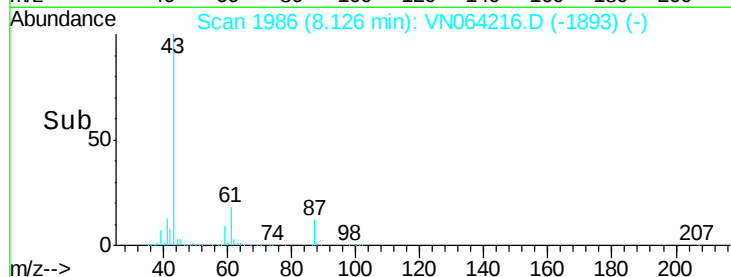
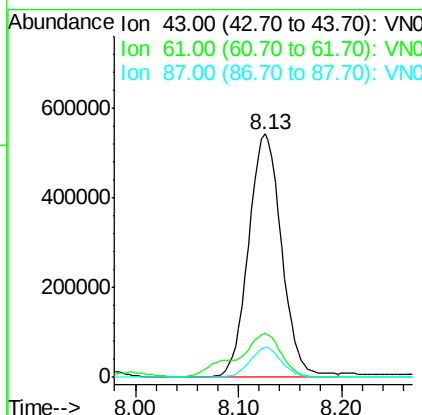
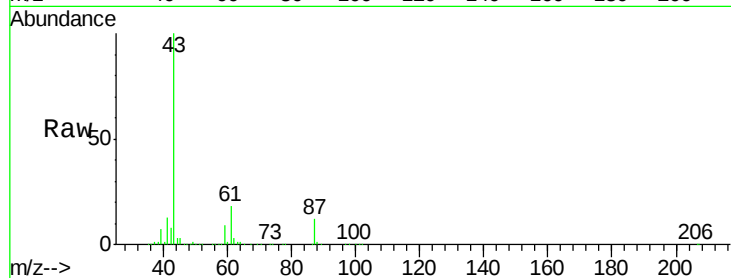
#43
Isopropyl Acetate
Concen: 179.624 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	24.2	19.6	29.4
87	11.8	9.8	14.6

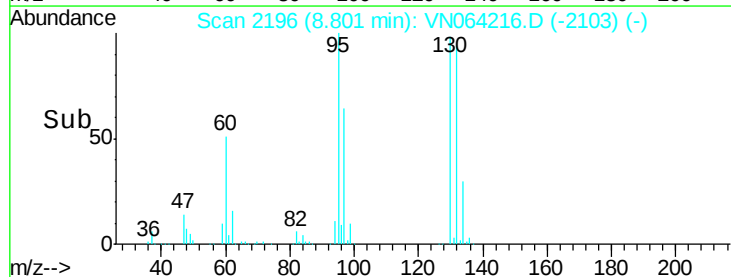
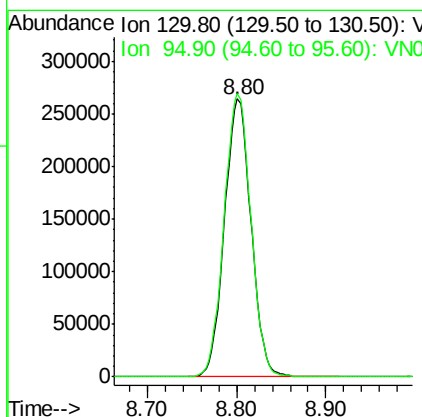
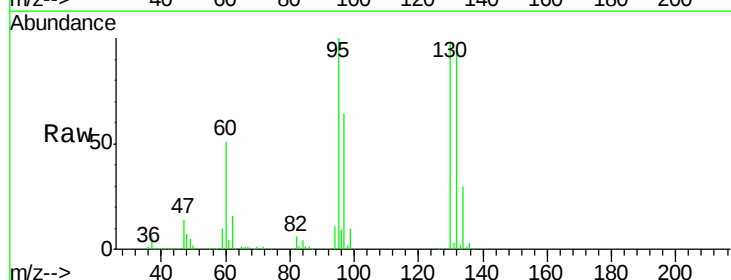
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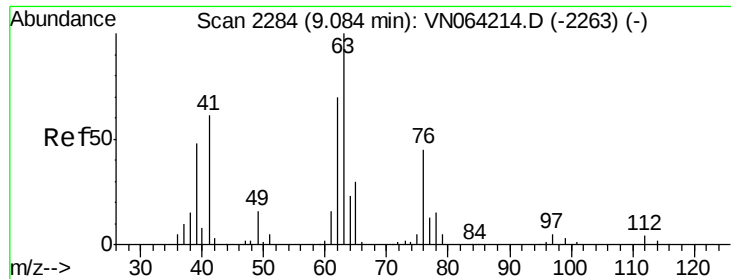
MMDadoda
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#44
Trichloroethene
Concen: 156.016 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. 0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.8	0.0	214.0





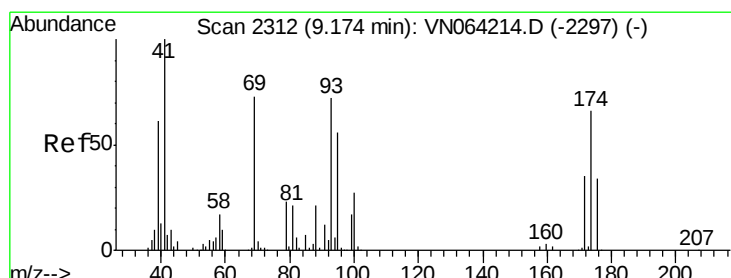
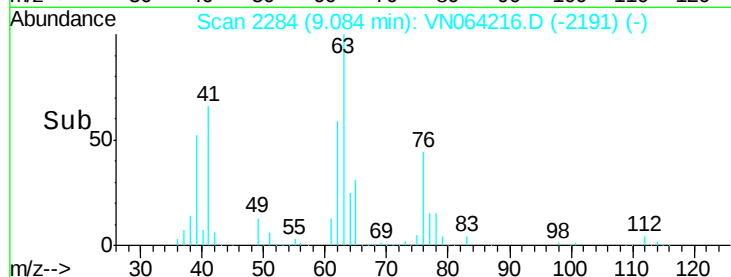
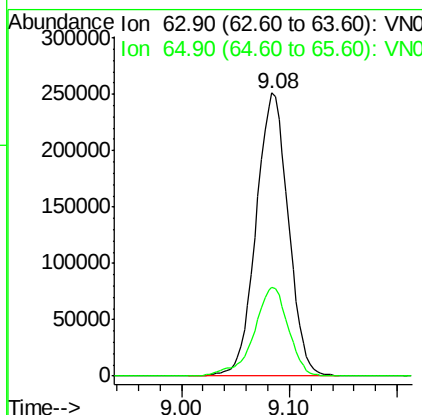
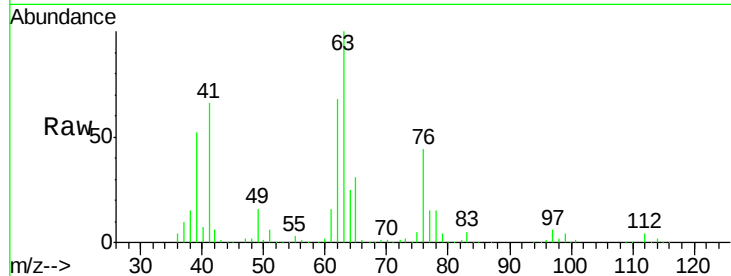
#45
 1,2-Dichloropropane
 Concen: 149.105 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN064216.D
 Acq: 21 Oct 2020 12:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion: 63 Resp: 522188
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.0 36.0

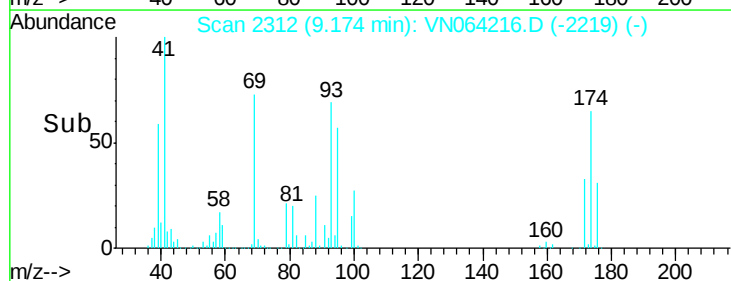
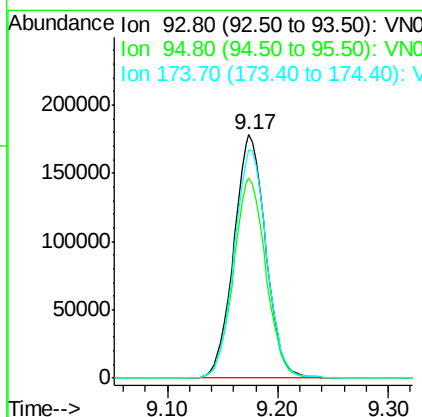
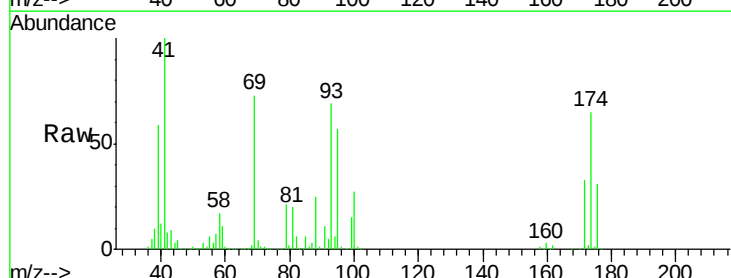
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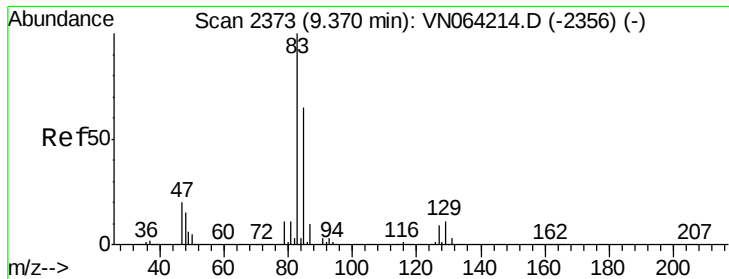
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#46
 Dibromomethane
 Concen: 144.255 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064216.D
 Acq: 21 Oct 2020 12:32

Tgt Ion: 93 Resp: 357400
 Ion Ratio Lower Upper
 93 100
 95 83.1 63.0 94.4
 174 95.4 72.9 109.3





#47

Bromodichloromethane

Concen: 160.617 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

Instrument :

MSVOA_N

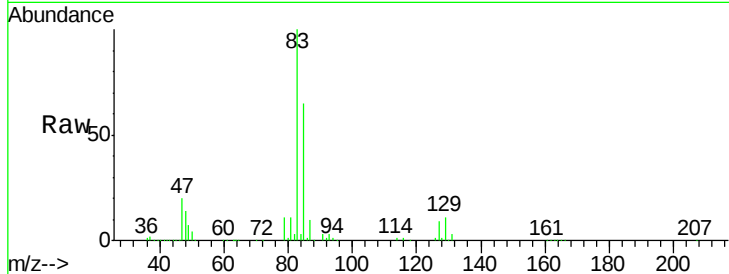
ClientSampleId :

VSTDIC150

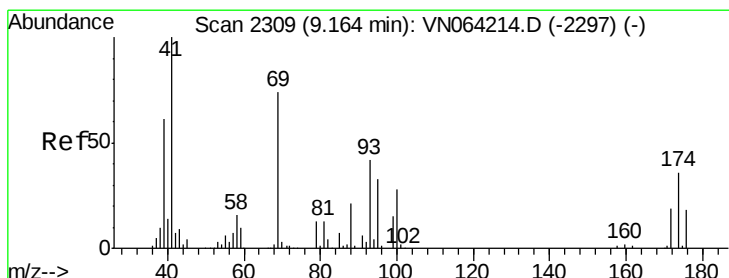
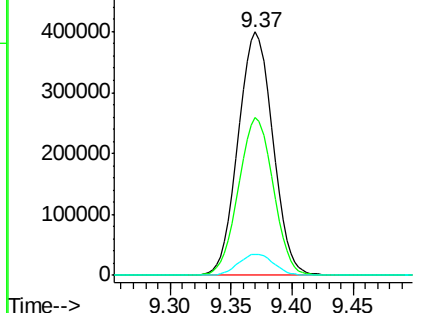
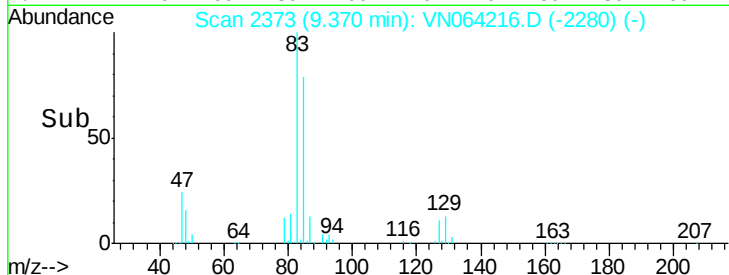
Tot Ion:	83	Resp:	786842
Ion Ratio	Lower	Upper	
83	100		
85	64.9	51.8	77.8
127	8.8	7.4	11.0

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Abundance Ion 82.90 (82.60 to 83.60): VN064216.D (-2280) (-)



#48

Methyl methacrylate

Concen: 195.038 ug/l

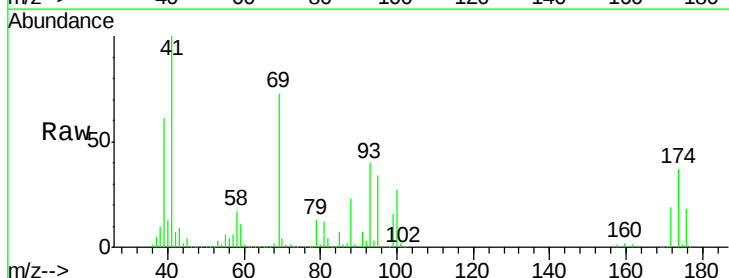
RT: 9.16 min Scan# 2309

Delta R.T. 0.00 min

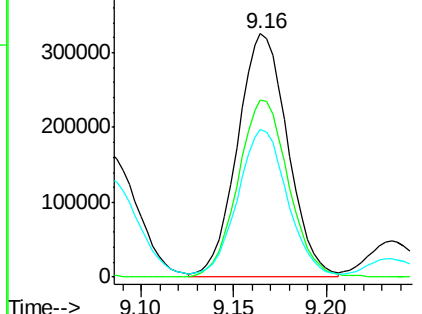
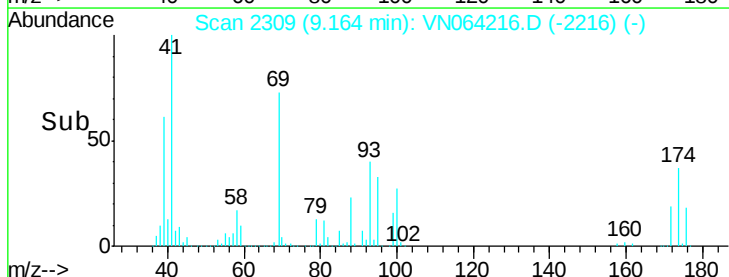
Lab File: VN064216.D

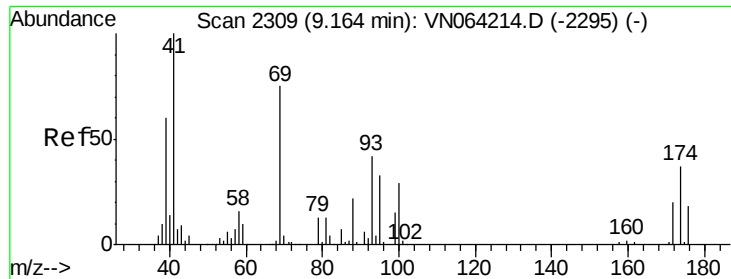
Acq: 21 Oct 2020 12:32

Tgt Ion:	41	Resp:	613454
Ion Ratio	Lower	Upper	
41	100		
69	72.8	57.3	85.9
39	60.2	48.6	73.0



Abundance Ion 41.00 (40.70 to 41.70): VN064216.D (-2216) (-)





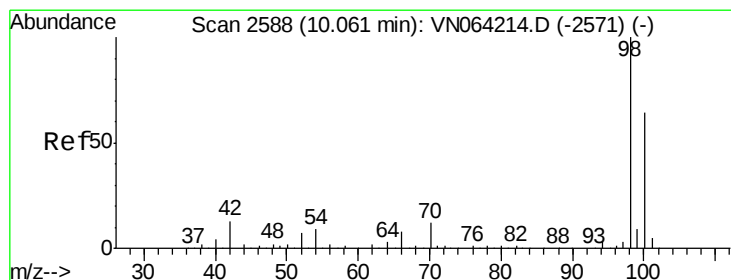
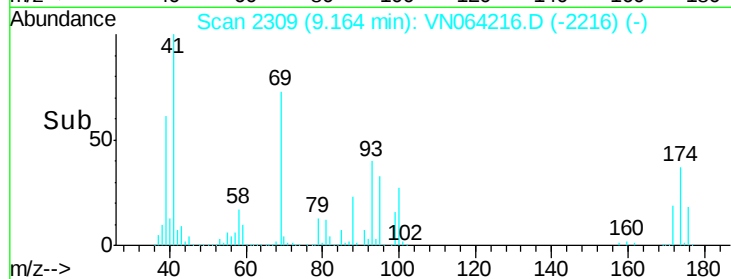
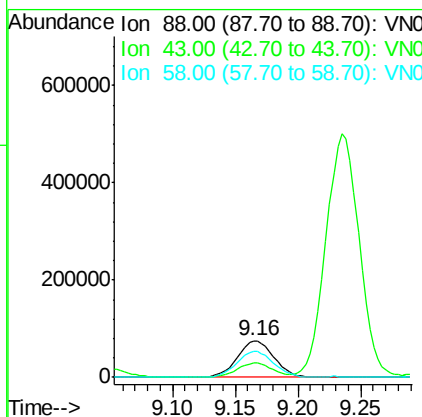
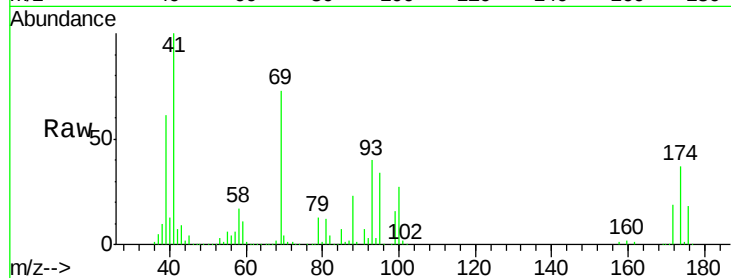
#49
1,4-Dioxane
Concen: 3326.962 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.2	34.6	52.0
58	71.8	59.0	88.6

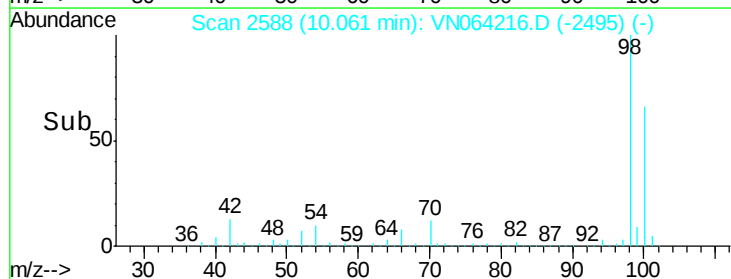
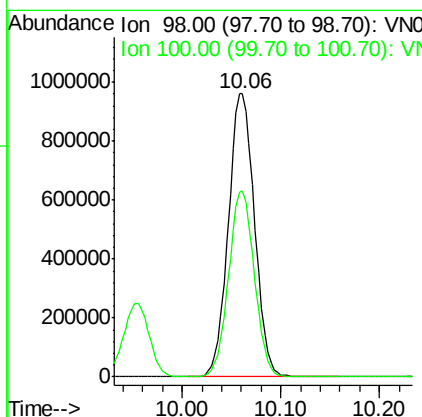
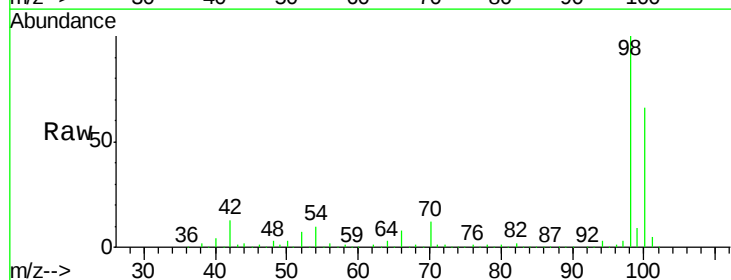
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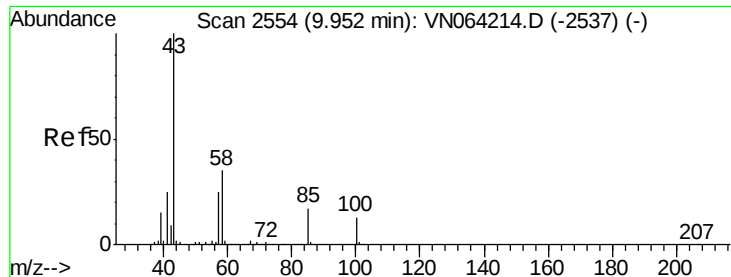
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#50
Toluene-d8
Concen: 149.655 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	50.8	76.2





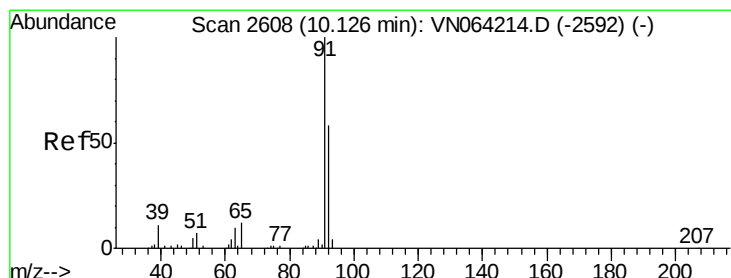
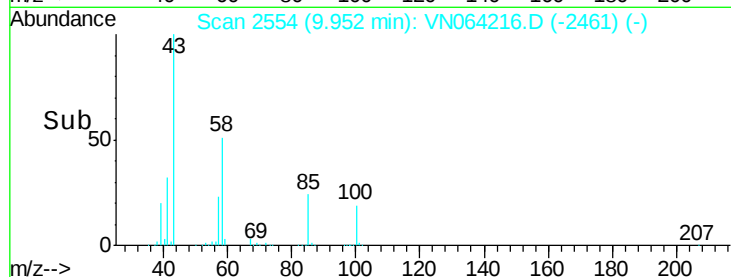
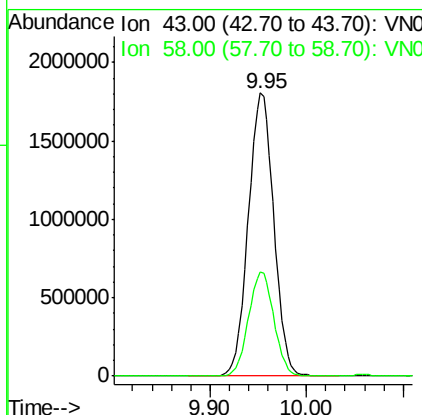
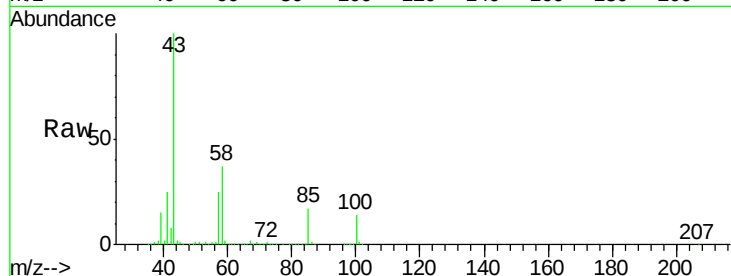
#51
 4-Methyl-2-Pentanone
 Concen: 845.782 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN064216.D
 Acq: 21 Oct 2020 12:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion: 43 Resp: 3296724
 Ion Ratio Lower Upper
 43 100
 58 36.6 28.6 42.8

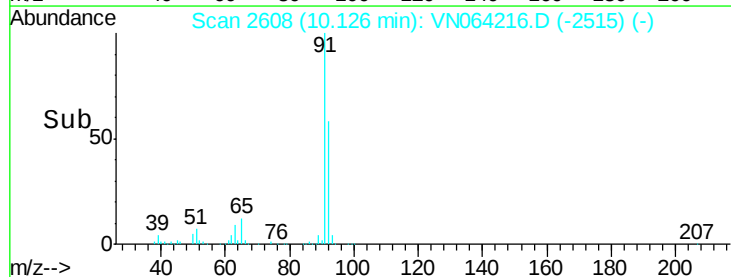
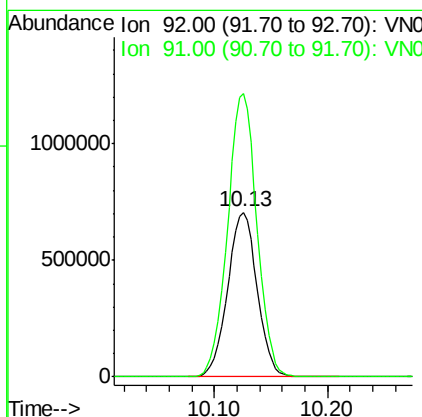
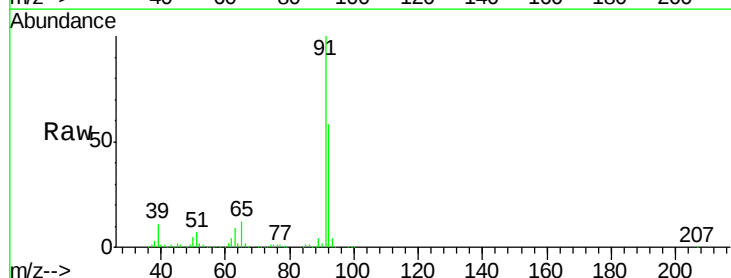
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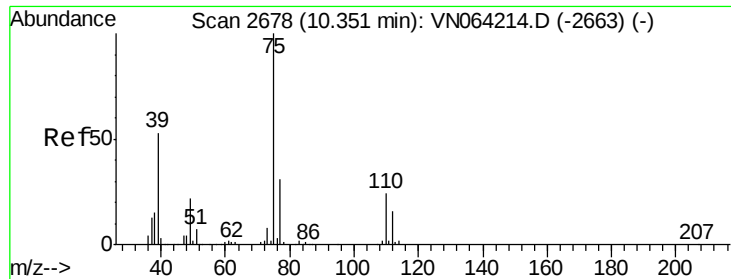
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#52
 Toluene
 Concen: 156.175 ug/l
 RT: 10.13 min Scan# 2608
 Delta R.T. 0.00 min
 Lab File: VN064216.D
 Acq: 21 Oct 2020 12:32

Tgt Ion: 92 Resp: 1273656
 Ion Ratio Lower Upper
 92 100
 91 171.6 137.4 206.2





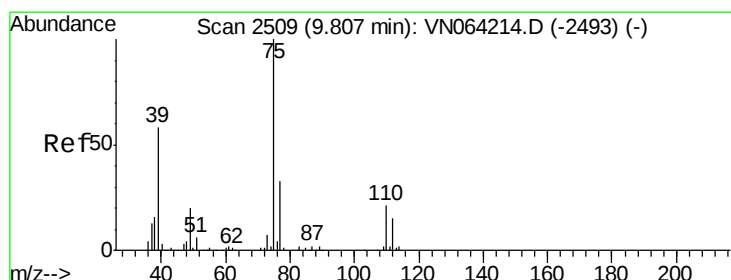
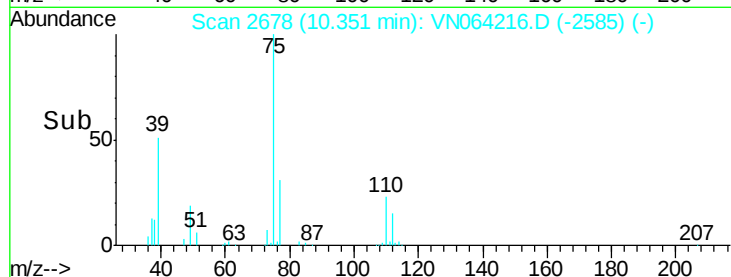
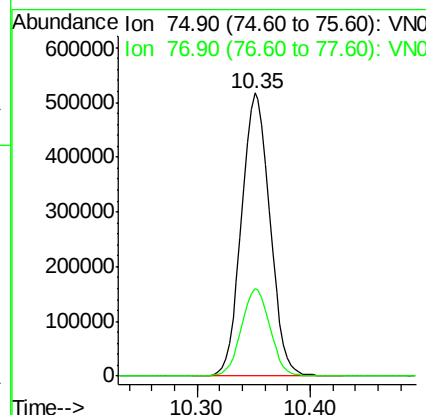
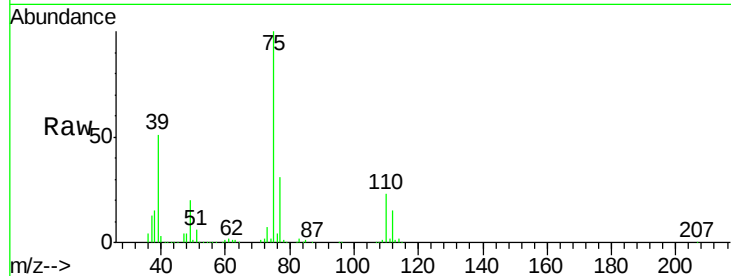
#53
t-1,3-Dichloropropene
Concen: 178.468 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.4	38.2

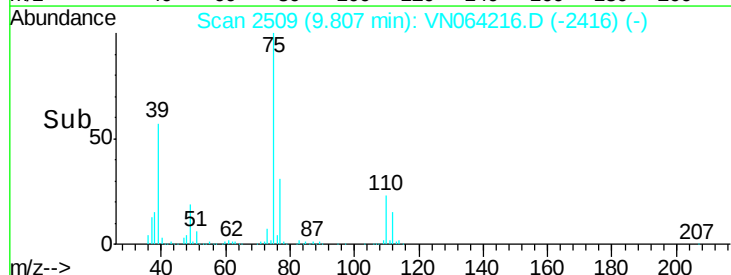
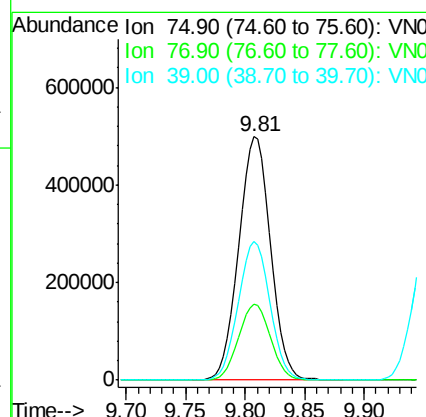
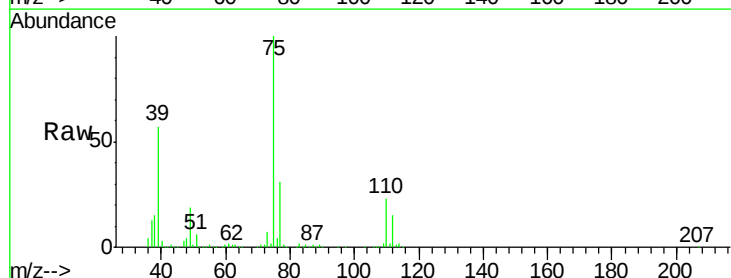
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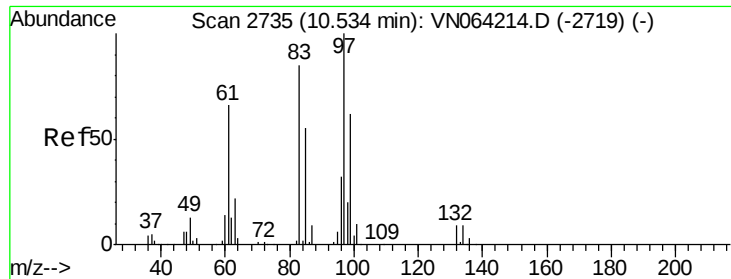
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#54
cis-1,3-Dichloropropene
Concen: 166.707 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.1	26.6	39.8
39	56.9	46.7	70.1





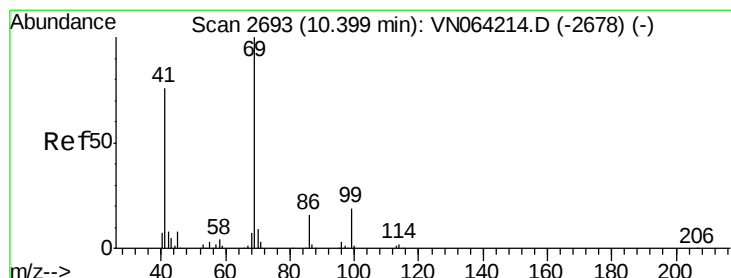
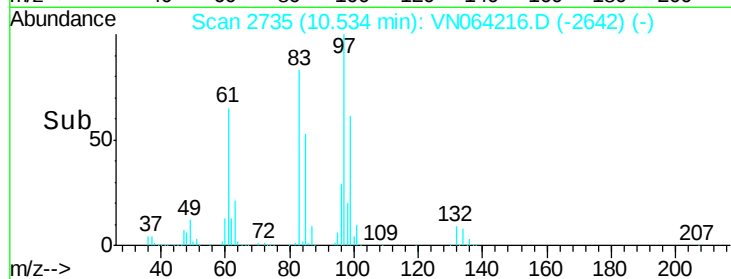
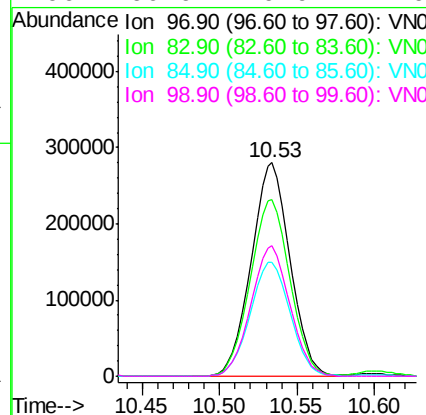
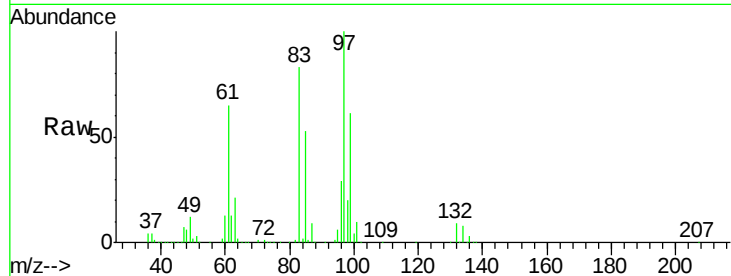
#55
 1,1,2-Trichloroethane
 Concen: 145.680 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064216.D
 Acq: 21 Oct 2020 12:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion:	97	Resp:	489963
Ion	Ratio	Lower	Upper
97	100		
83	82.6	67.8	101.6
85	53.4	43.6	65.4
99	60.9	49.9	74.9

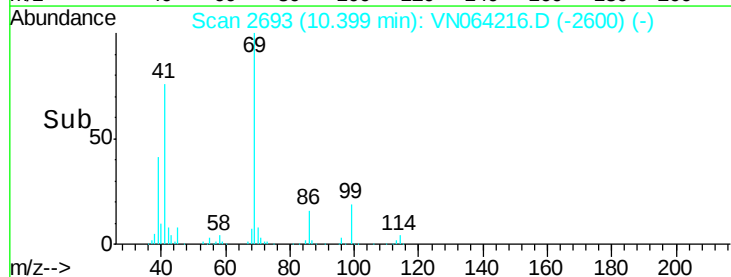
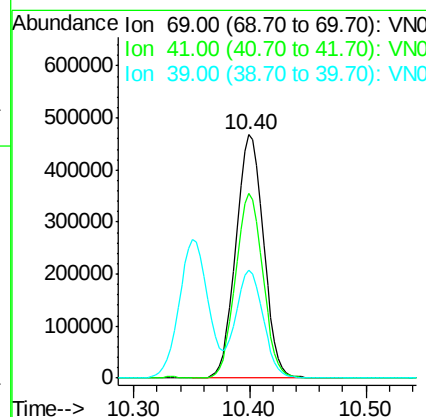
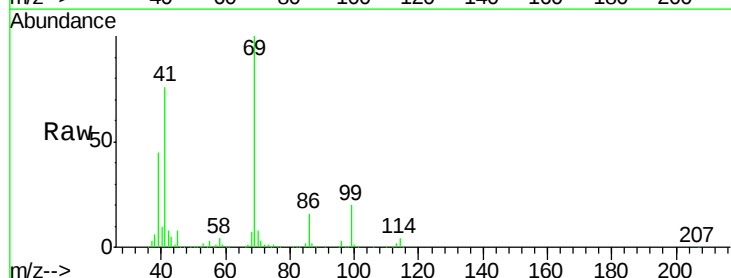
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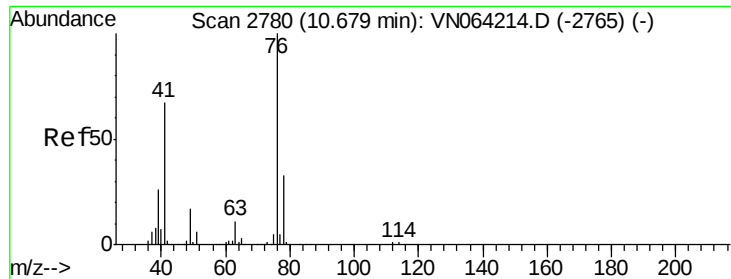
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#56
 Ethyl methacrylate
 Concen: 176.127 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064216.D
 Acq: 21 Oct 2020 12:32

Tgt Ion:	69	Resp:	769296
Ion	Ratio	Lower	Upper
69	100		
41	74.7	61.4	92.2
39	44.0	36.0	54.0





#57

1,3-Dichloropropane

Concen: 150.901 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 76 Resp: 842378

Ion Ratio Lower Upper

76 100

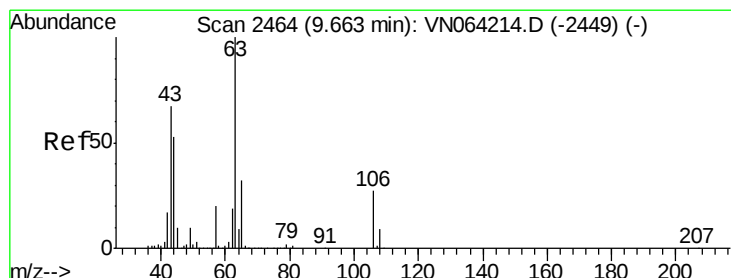
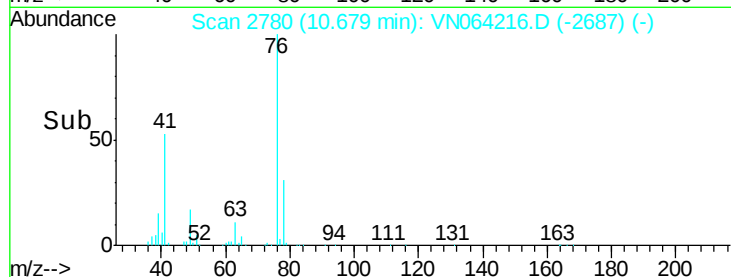
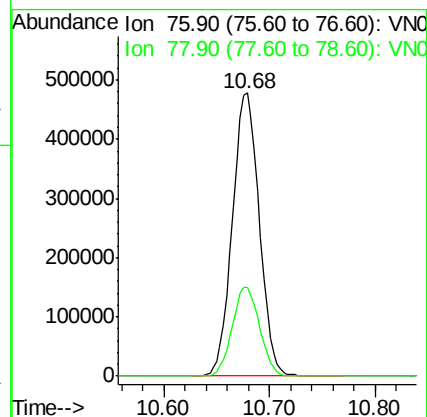
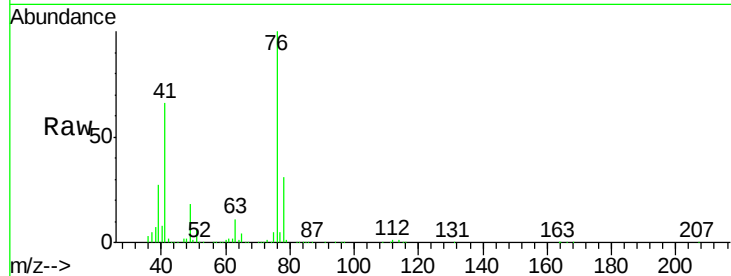
78 32.1 26.2 39.2

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#58

2-Chloroethyl Vinyl ether

Concen: 894.310 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064216.D

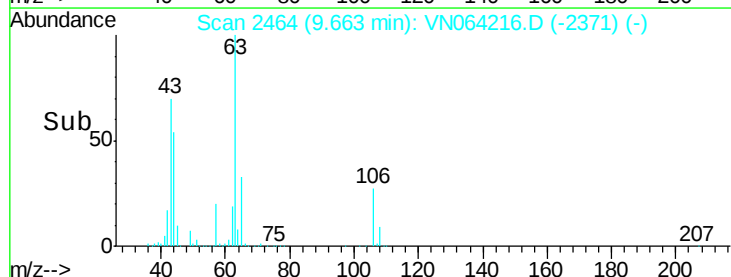
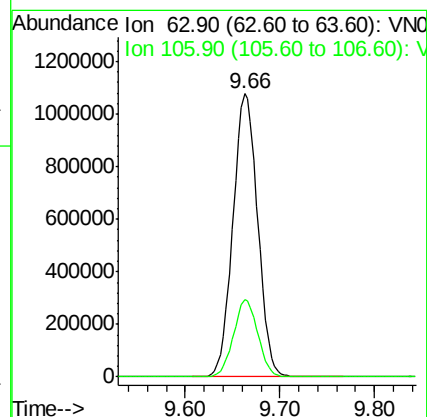
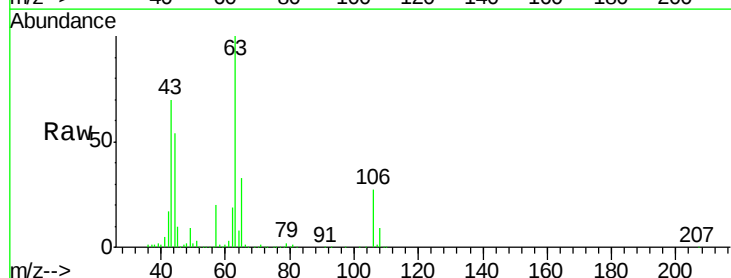
Acq: 21 Oct 2020 12:32

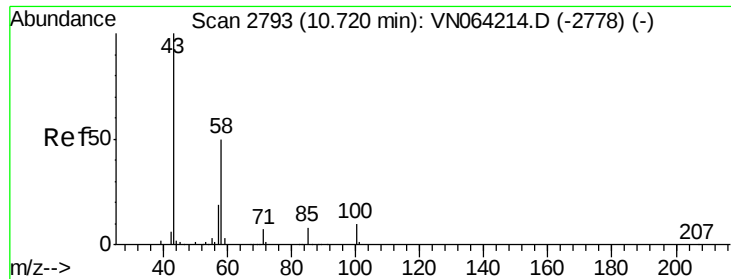
Tgt Ion: 63 Resp: 1957508

Ion Ratio Lower Upper

63 100

106 27.0 21.3 31.9





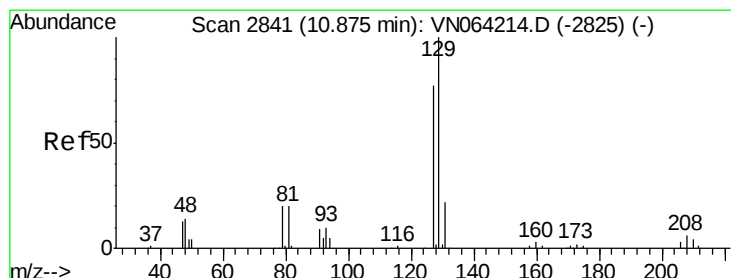
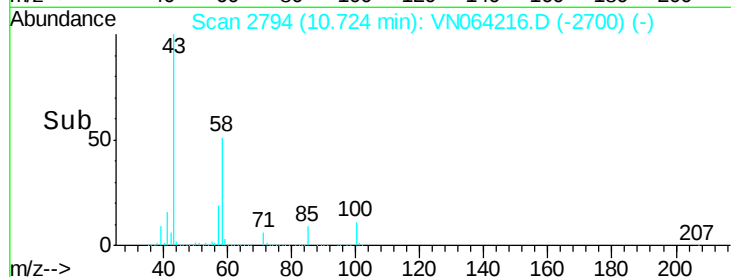
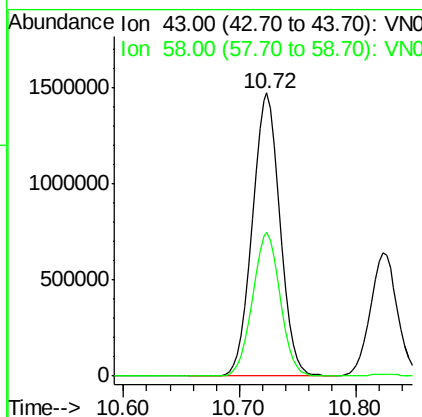
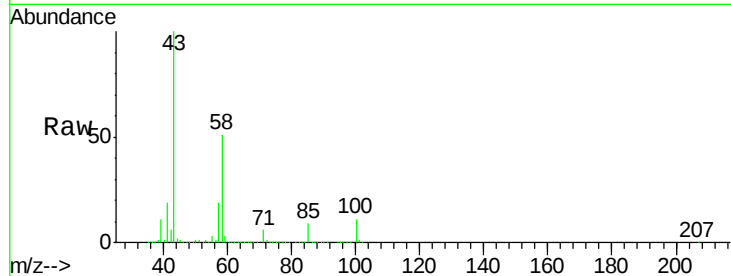
#59
2-Hexanone
Concen: 894.681 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 2456222
Ion Ratio Lower Upper
43 100
58 50.8 24.8 74.3

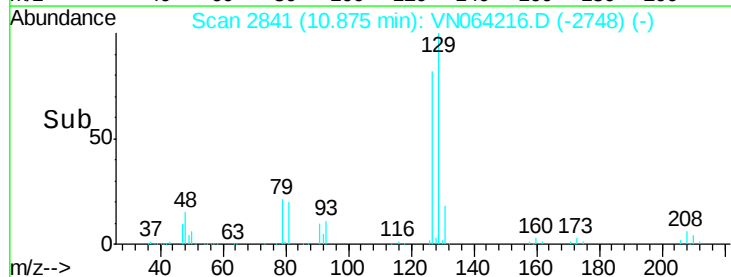
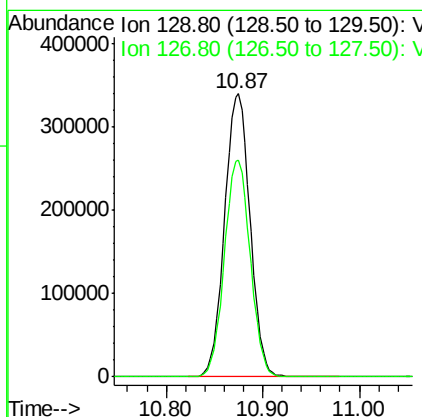
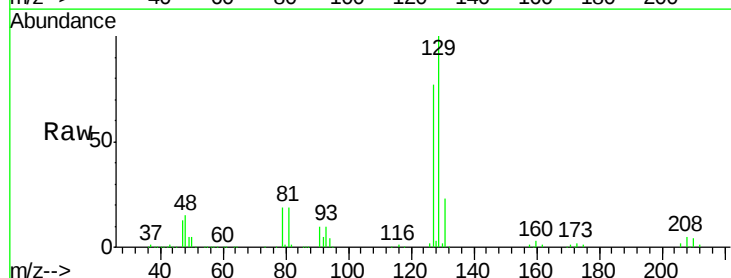
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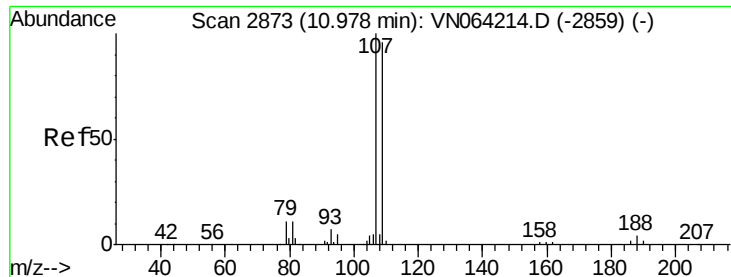
MMDadoda
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#60
Dibromochloromethane
Concen: 162.647 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

Tgt Ion: 129 Resp: 622988
Ion Ratio Lower Upper
129 100
127 77.3 38.8 116.3





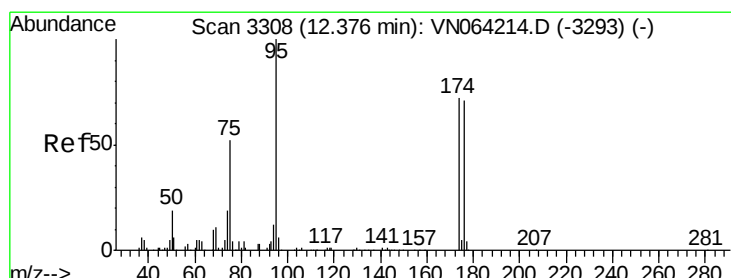
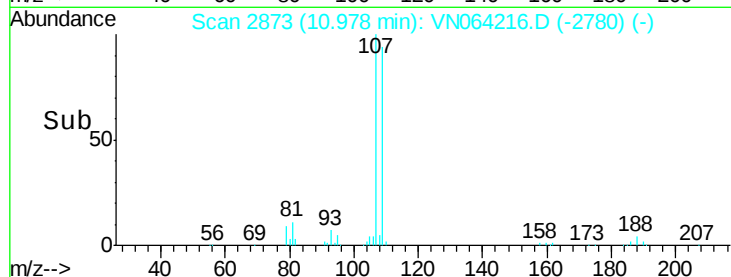
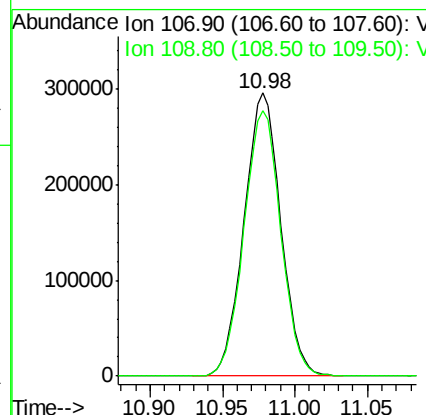
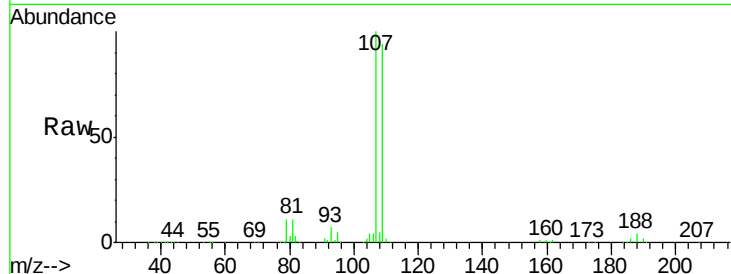
#61
 1,2-Dibromoethane
 Concen: 151.870 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064216.D
 Acq: 21 Oct 2020 12:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.7	76.2	114.4

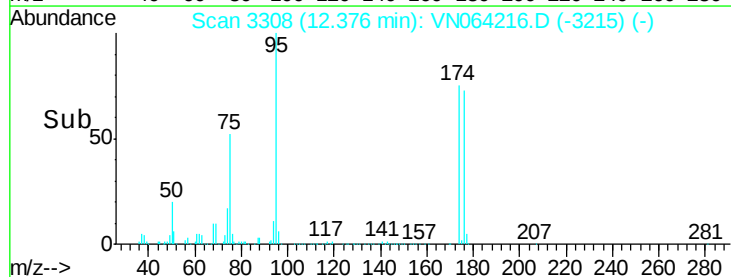
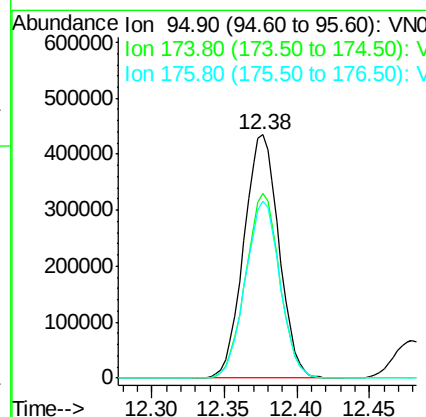
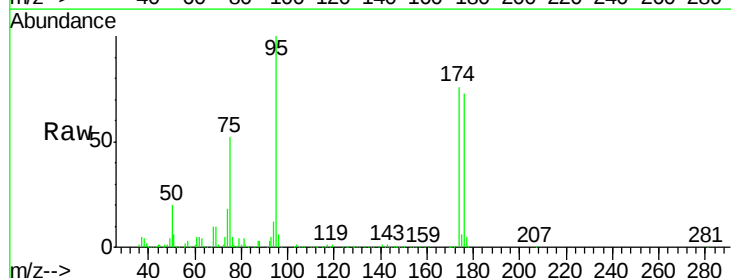
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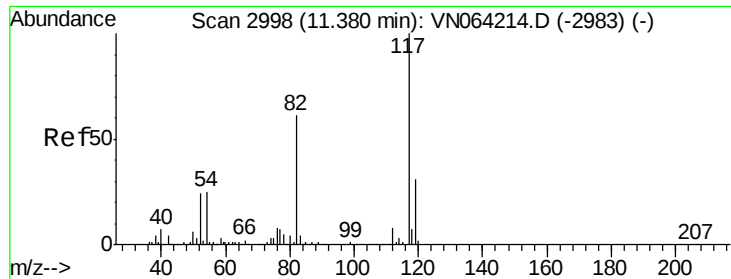
MMDadoda
 10/22/2020 3:25:08 PM



#62
 4-Bromofluorobenzene
 Concen: 173.830 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064216.D
 Acq: 21 Oct 2020 12:32

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.1	0.0	144.4
176	71.9	0.0	139.2





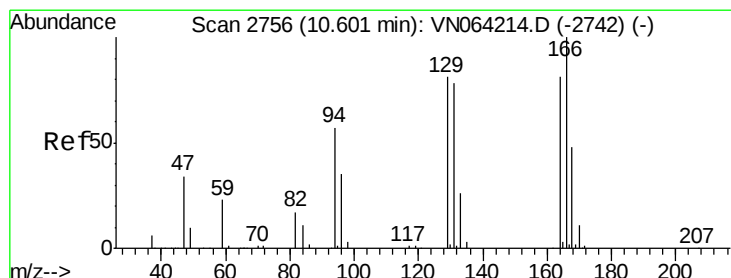
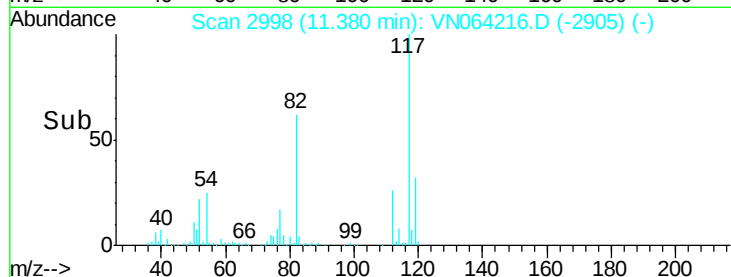
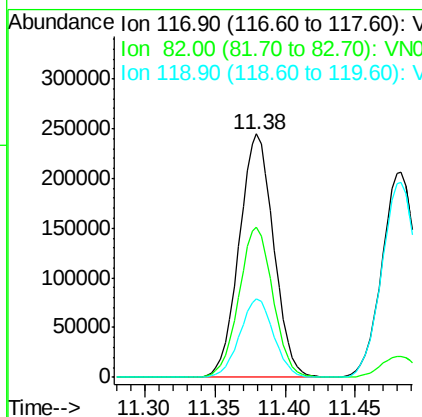
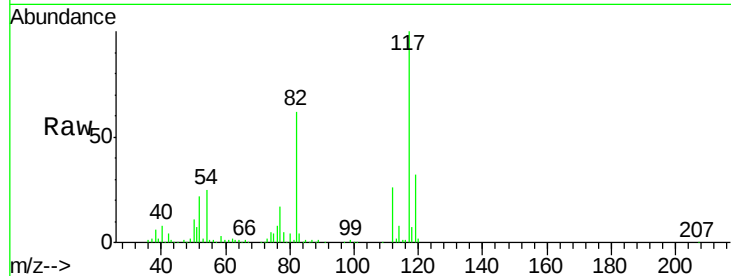
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.7	48.8	73.2
119	32.4	24.7	37.1

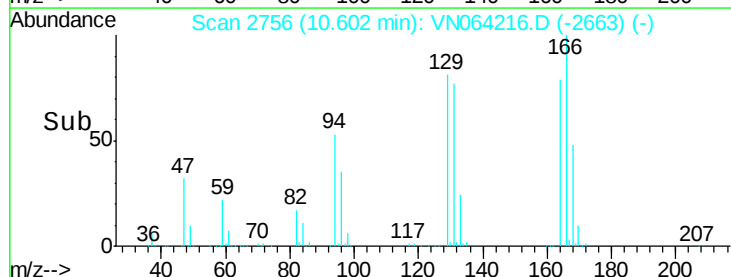
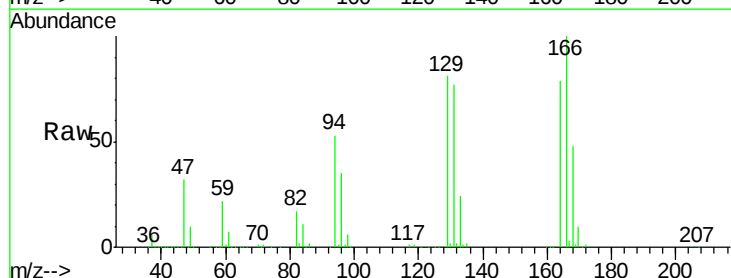
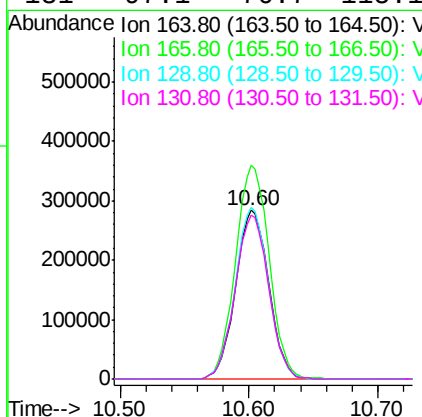
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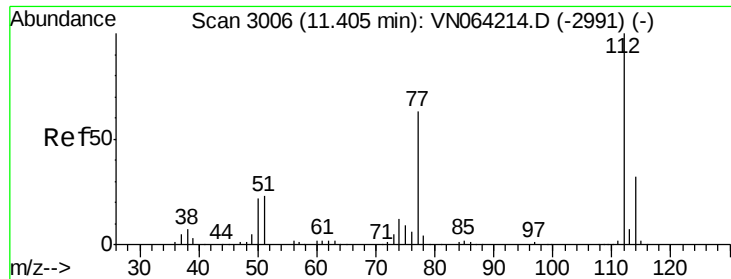
MMDadoda
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#64
Tetrachloroethene
Concen: 158.969 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.5	98.9	148.3
129	102.0	79.9	119.9
131	97.1	76.7	115.1





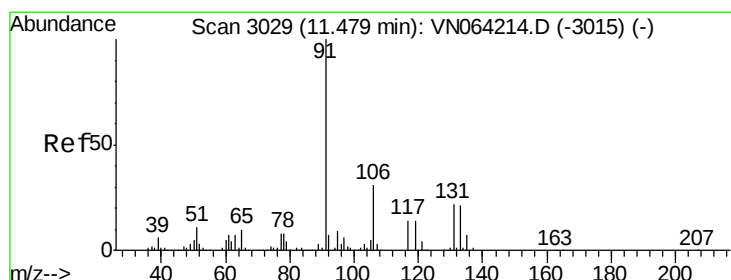
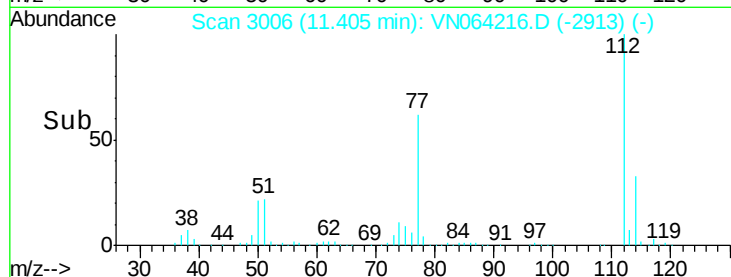
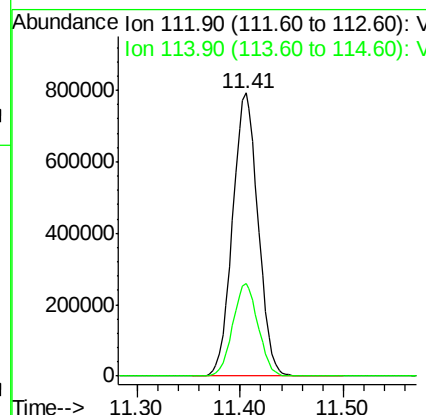
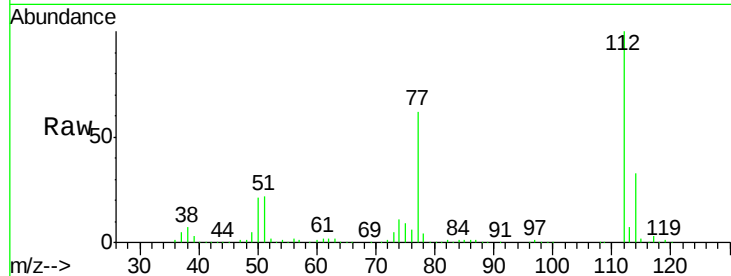
#65
Chlorobenzene
Concen: 153.665 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion:112 Resp: 1362535
Ion Ratio Lower Upper
112 100
114 32.8 25.7 38.5

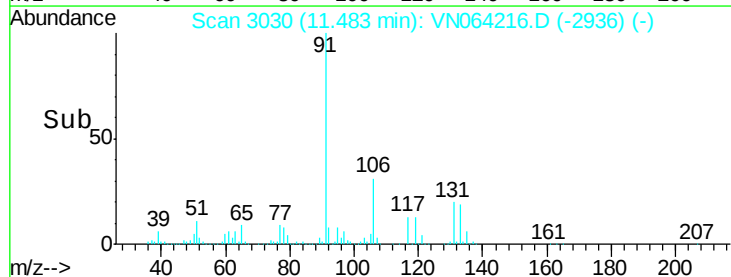
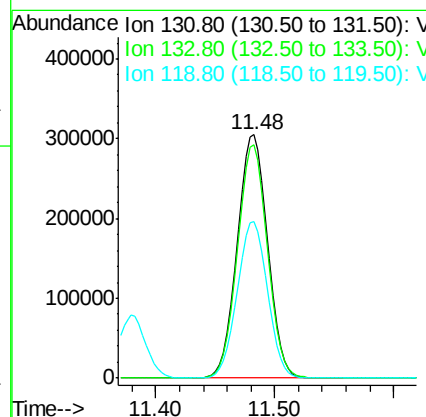
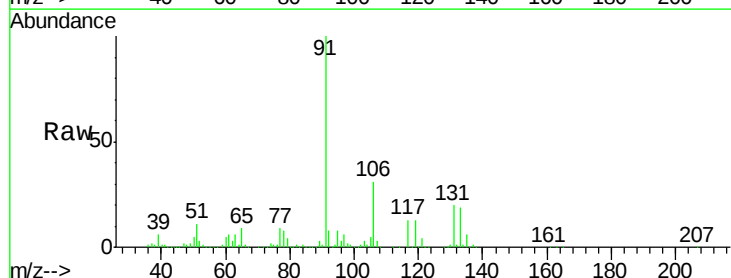
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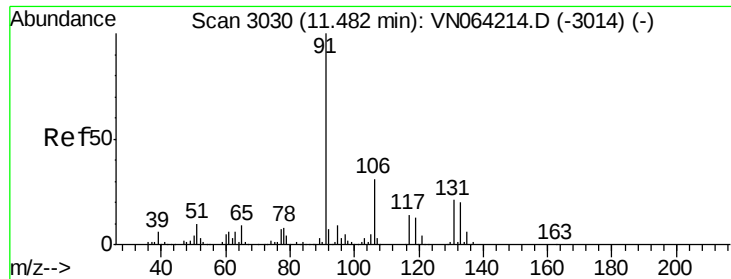
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#66
1,1,1,2-Tetrachloroethane
Concen: 159.106 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

Tgt Ion:131 Resp: 539379
Ion Ratio Lower Upper
131 100
133 94.7 47.8 143.4
119 64.4 32.2 96.6





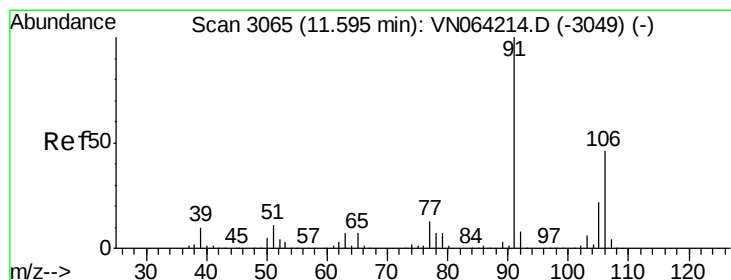
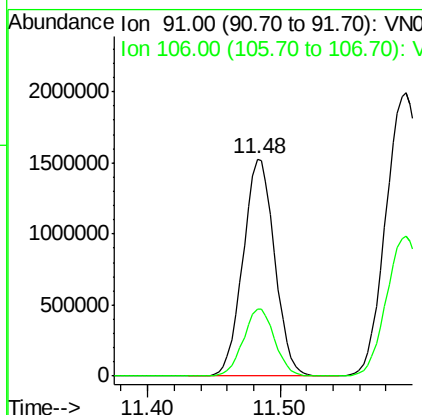
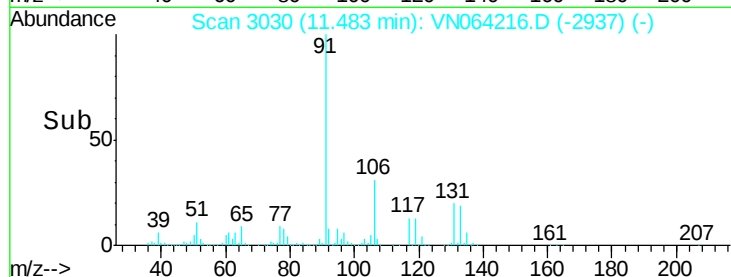
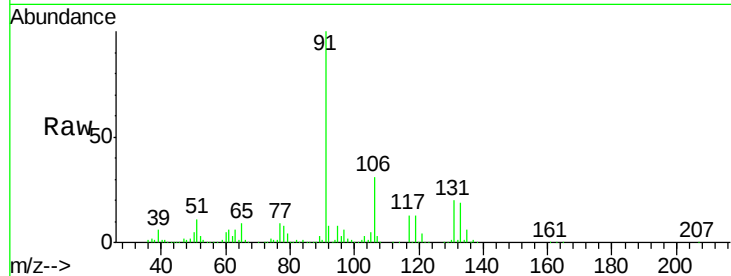
#67
Ethyl Benzene
Concen: 168.127 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 2524507
Ion Ratio Lower Upper
91 100
106 31.0 24.8 37.2

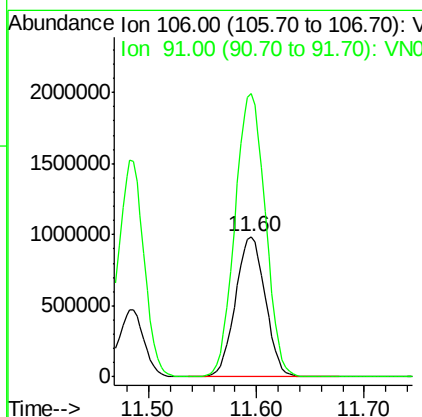
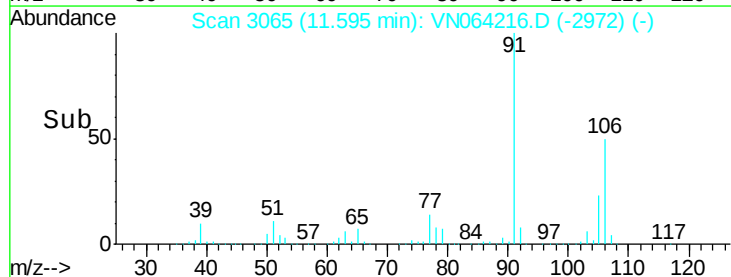
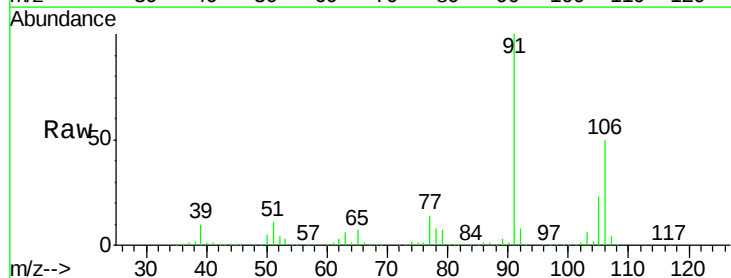
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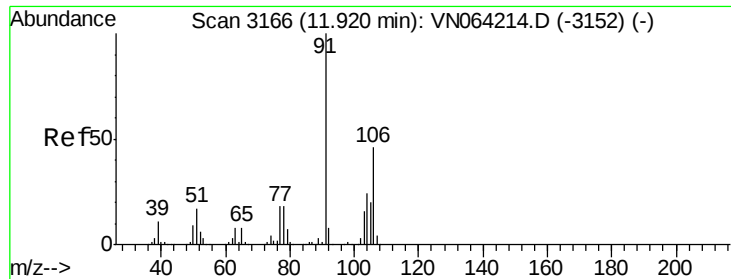
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#68
m/p-Xylenes
Concen: 341.935 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

Tgt Ion: 106 Resp: 1897883
Ion Ratio Lower Upper
106 100
91 206.2 172.2 258.2





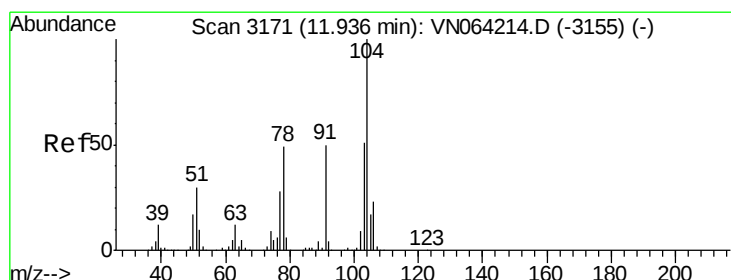
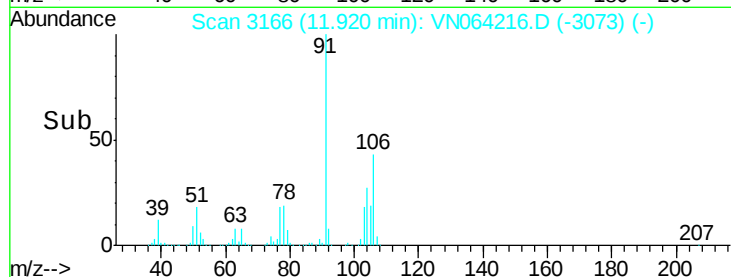
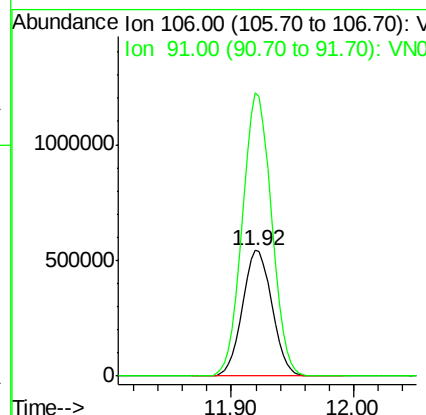
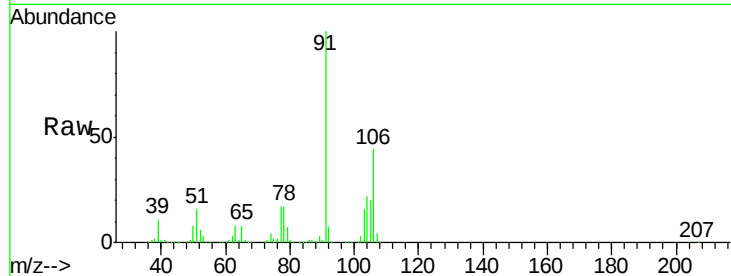
#69
o-Xylene
Concen: 169.804 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
106	100		
91	222.5	109.9	329.6

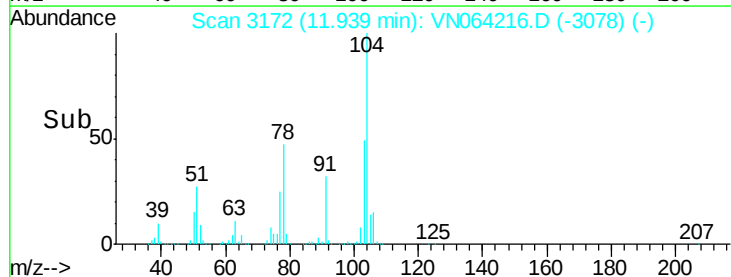
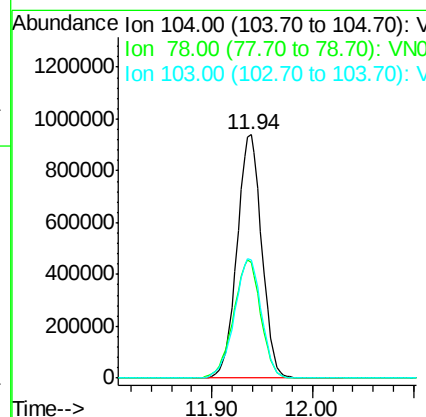
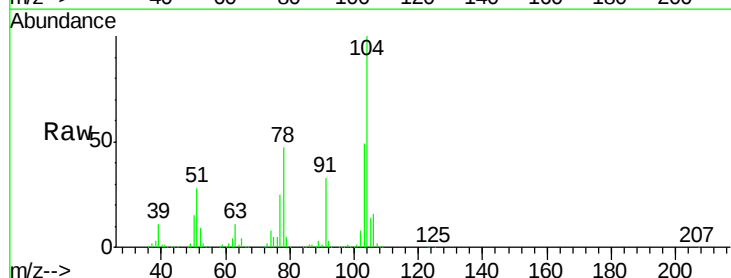
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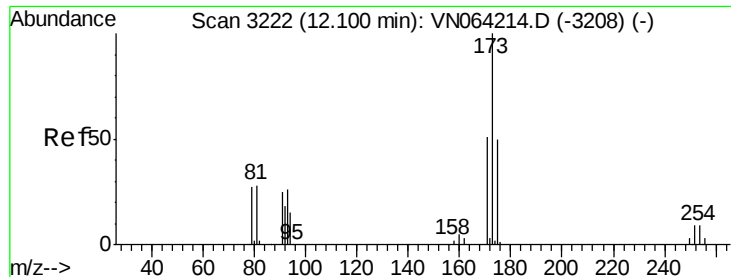
MMDadoda
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#70
Styrene
Concen: 179.211 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

Tgt Ion	Ratio	Lower	Upper
104	100		
78	53.6	43.8	65.6
103	53.6	43.4	65.2





#71

Bromoform

Concen: 178.362 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:173 Resp: 452398

Ion Ratio Lower Upper

173 100

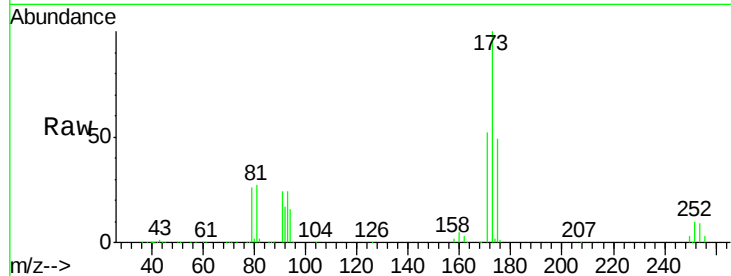
175 48.7 25.1 75.3

254 0.0 0.0 0.0#

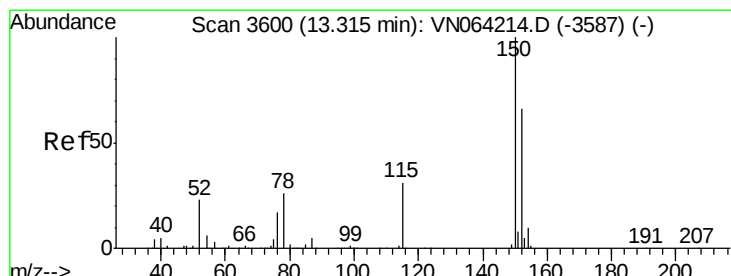
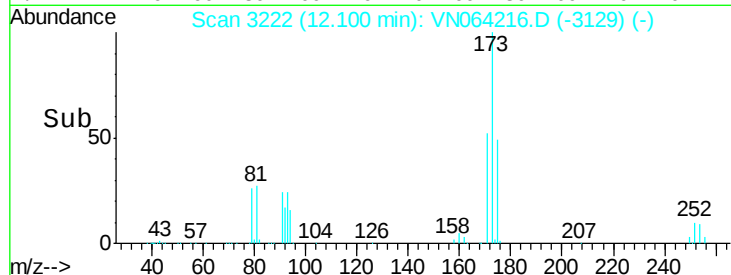
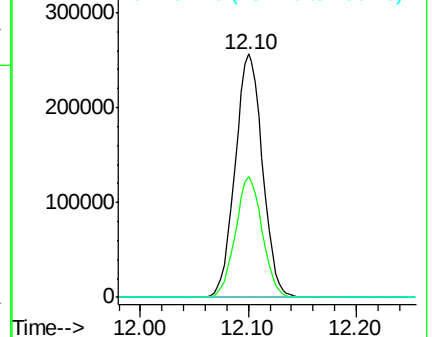
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

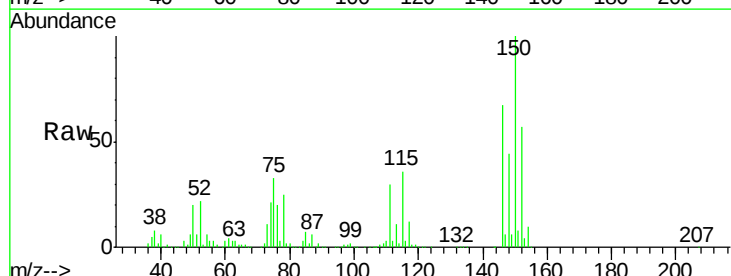
Tgt Ion:152 Resp: 217342

Ion Ratio Lower Upper

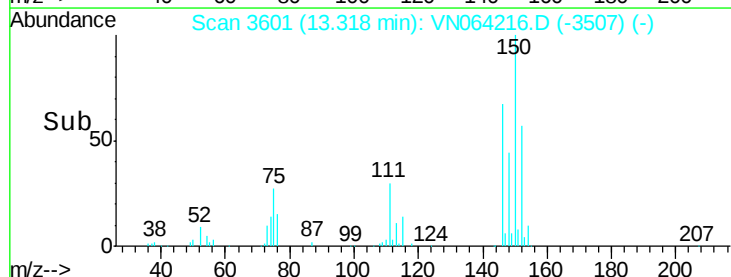
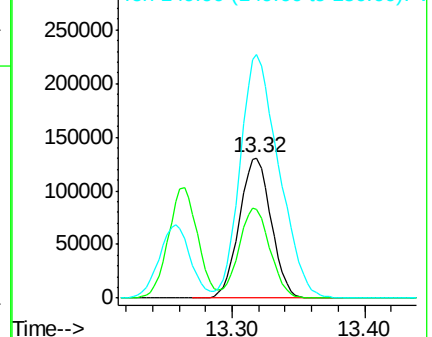
152 100

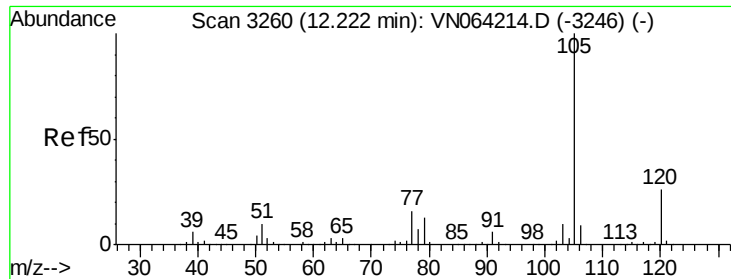
115 63.0 32.0 96.2

150 210.8 0.0 356.6



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





#73

Isopropylbenzene

Concen: 152.487 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 2436412

Ion Ratio Lower Upper

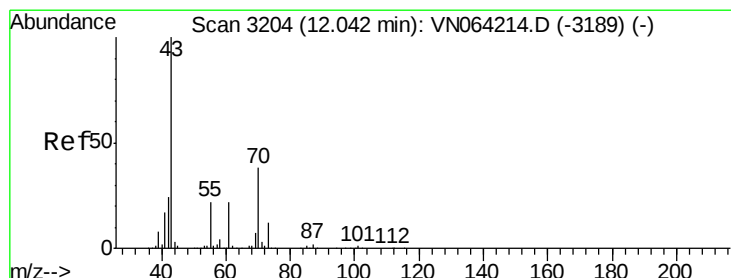
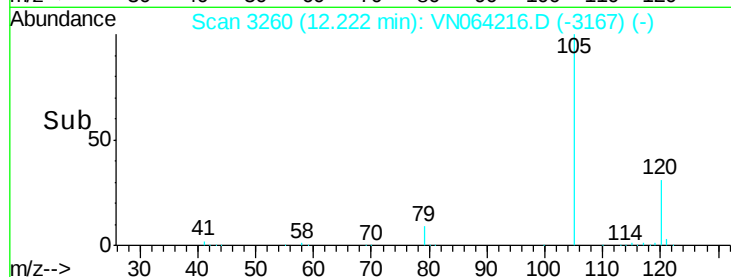
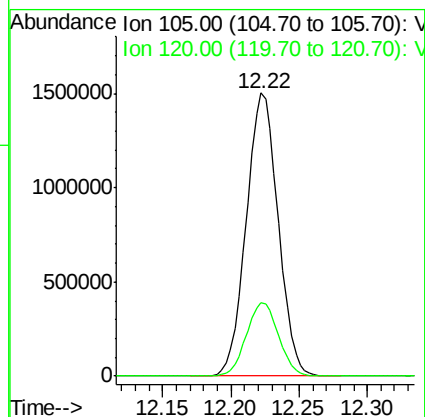
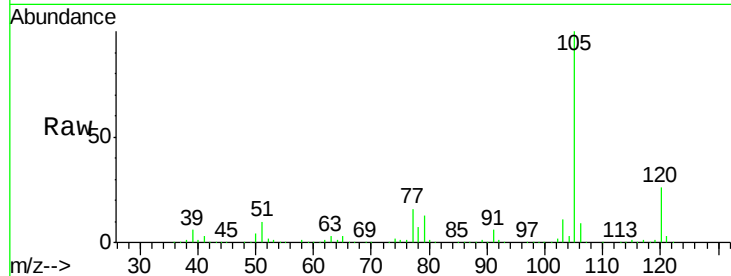
105 100

120 26.2 12.9 38.7

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#74

N-ethyl acetate

Concen: 182.010 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

Tgt Ion: 43 Resp: 1123102

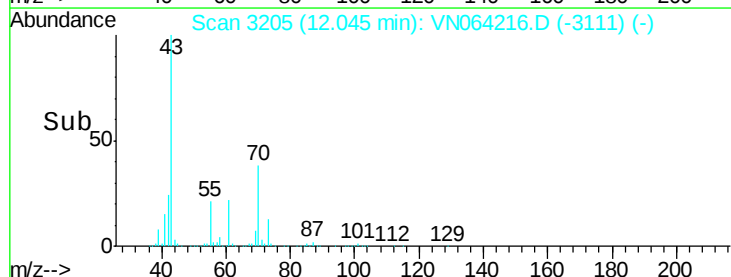
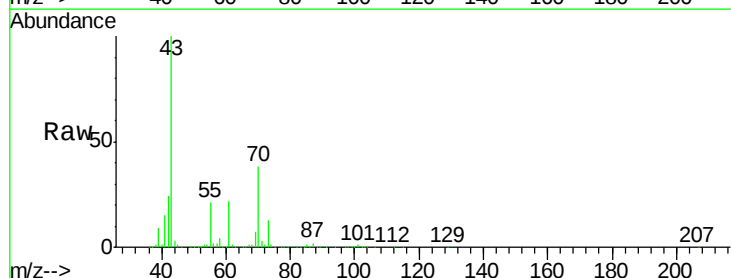
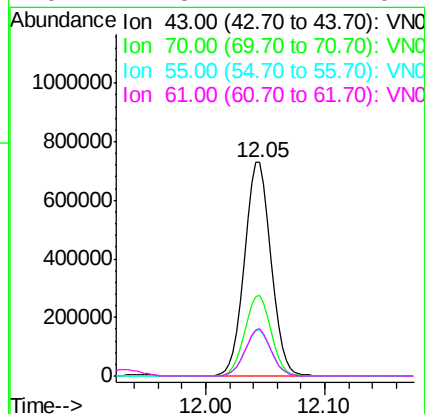
Ion Ratio Lower Upper

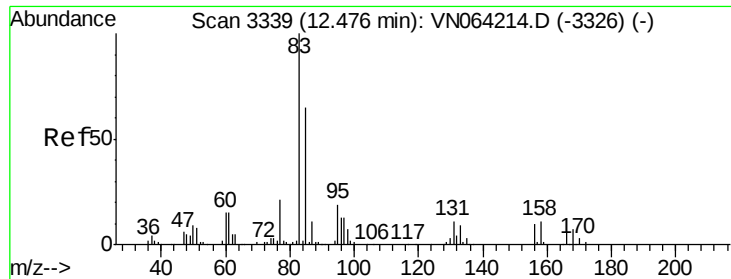
43 100

70 37.6 30.2 45.4

55 21.2 18.0 27.0

61 21.8 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 124.616 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 83 Resp: 665955

Ion Ratio Lower Upper

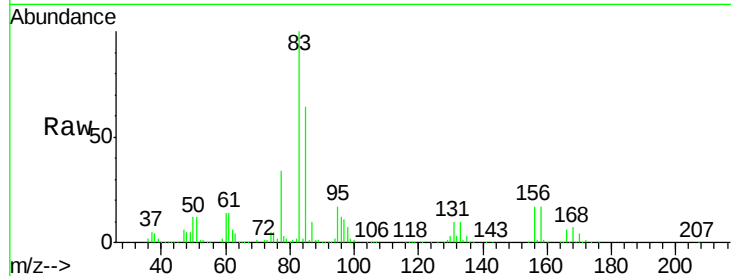
83 100

131 10.5 5.5 16.7

85 64.7 32.4 97.0

Manual Integrations
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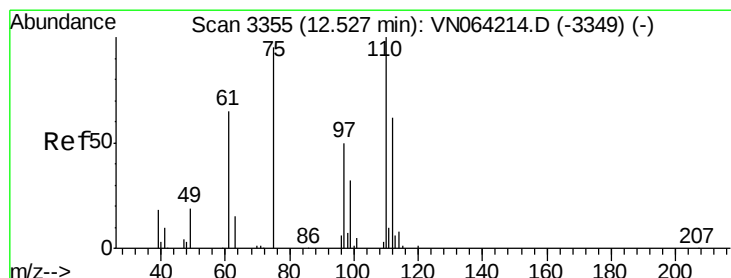
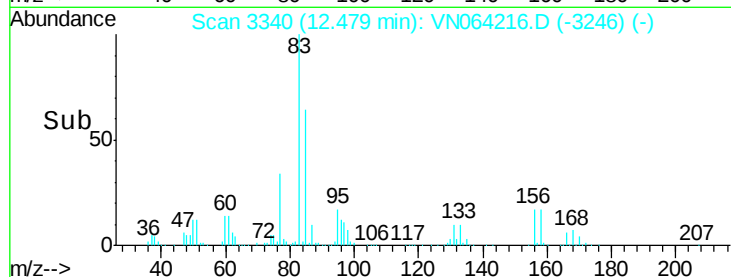
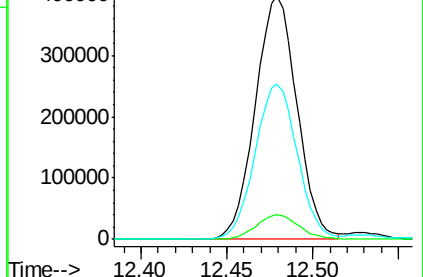
MMDadoda
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Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 125.920 ug/l m

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064216.D

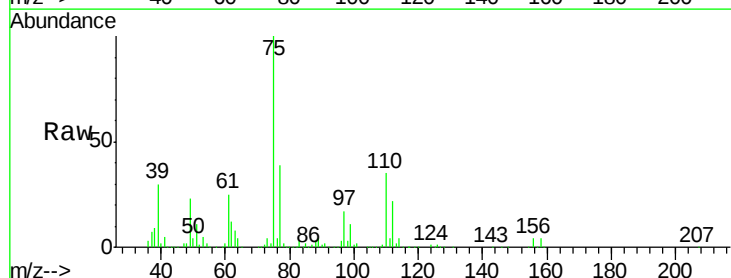
Acq: 21 Oct 2020 12:32

Tgt Ion: 75 Resp: 650718

Ion Ratio Lower Upper

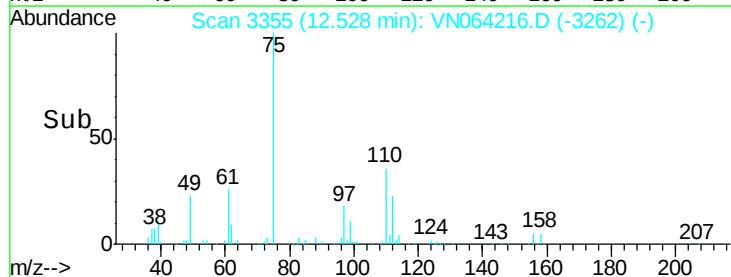
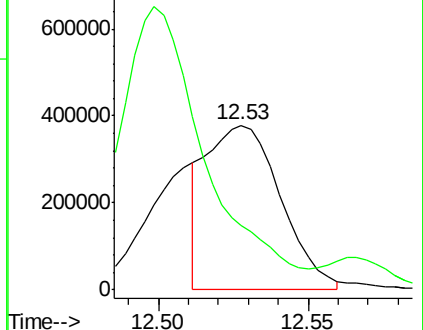
75 100

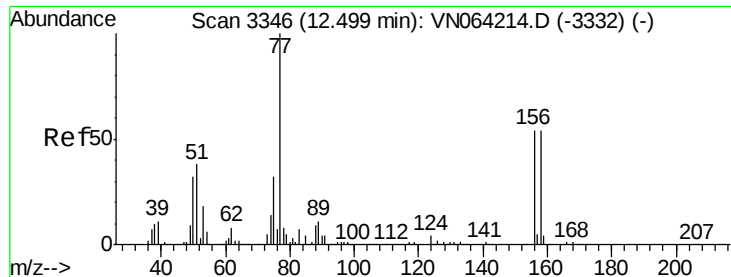
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 140.755 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

Instrument :

MSVOA_N

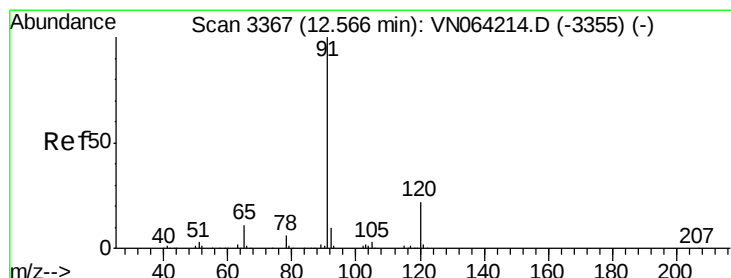
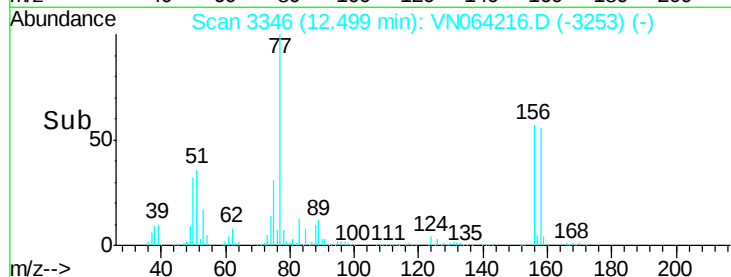
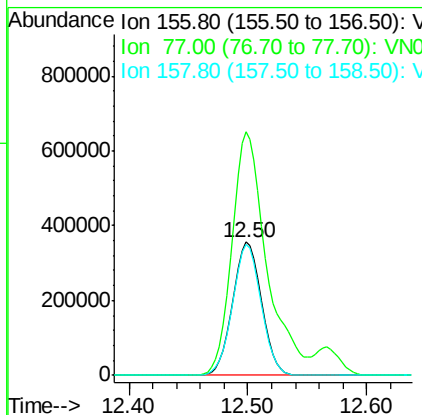
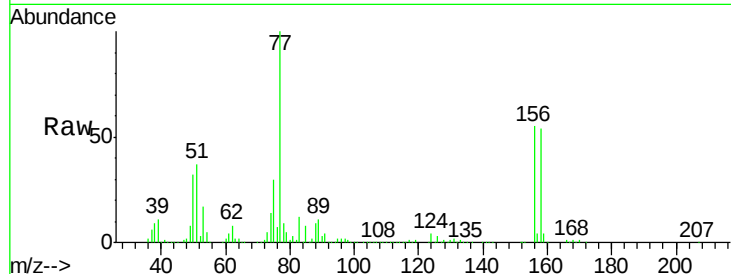
ClientSampleId :

VSTDIC150

Tot Ion:	156	Resp:	598655
Ion Ratio	Lower	Upper	
156	100		
77	219.2	111.1	333.4
158	97.2	50.0	150.1

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#78

n-propylbenzene

Concen: 158.697 ug/l

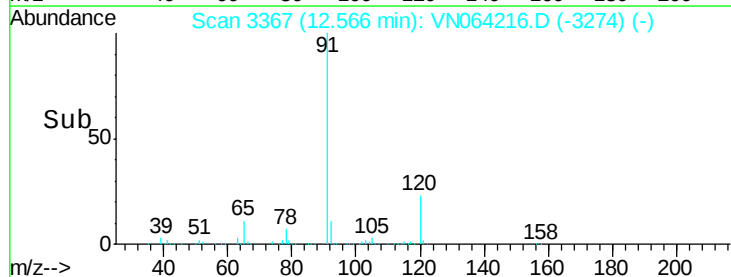
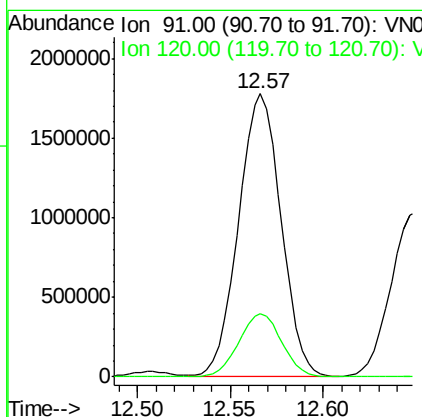
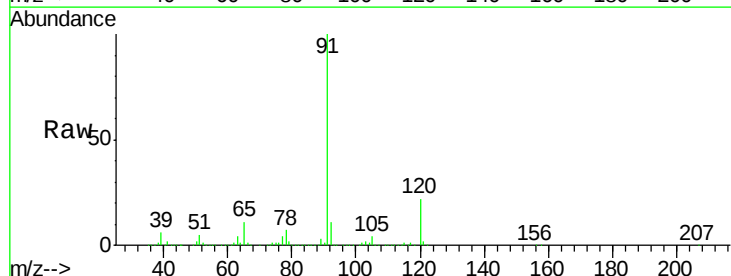
RT: 12.57 min Scan# 3367

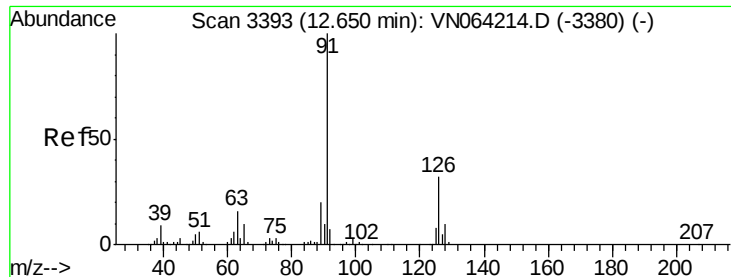
Delta R.T. 0.00 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

Tgt Ion:	91	Resp:	2830980
Ion Ratio	Lower	Upper	
91	100		
120	22.5	11.1	33.1





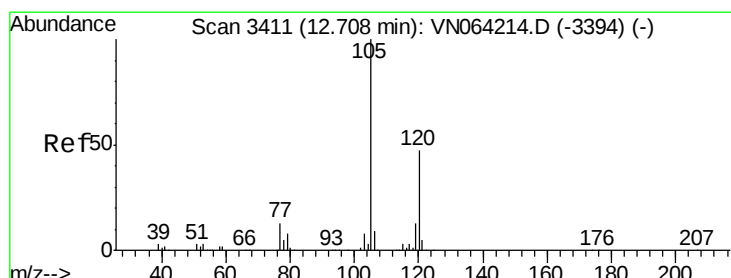
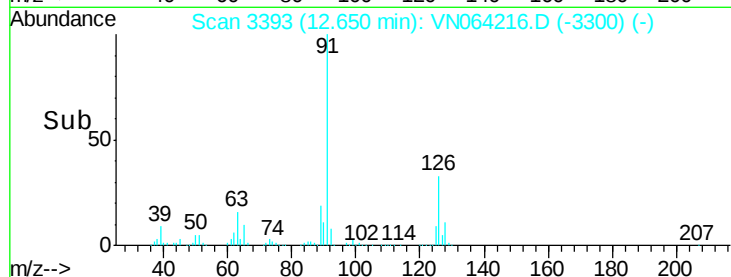
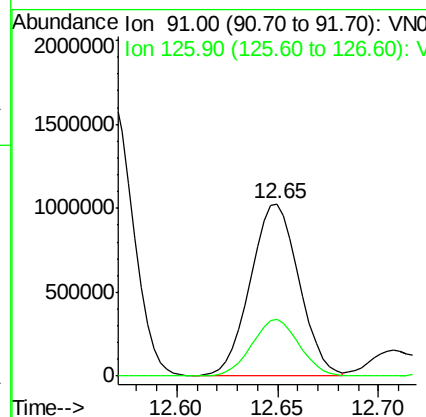
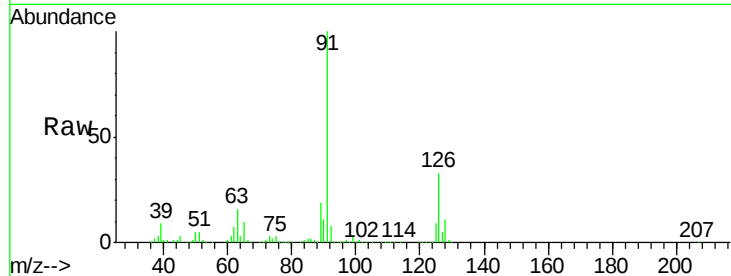
#79
2-Chlorotoluene
Concen: 152.714 ug/l
RT: 12.65 min Scan# 3393
Delta R.T. 0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 1732665
Ion Ratio Lower Upper
91 100
126 32.4 16.0 48.0

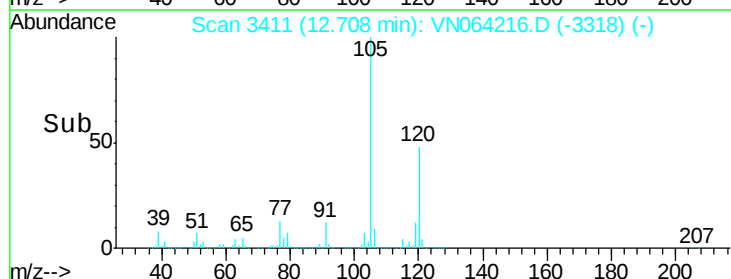
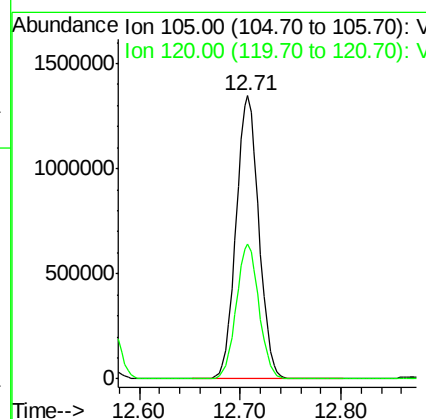
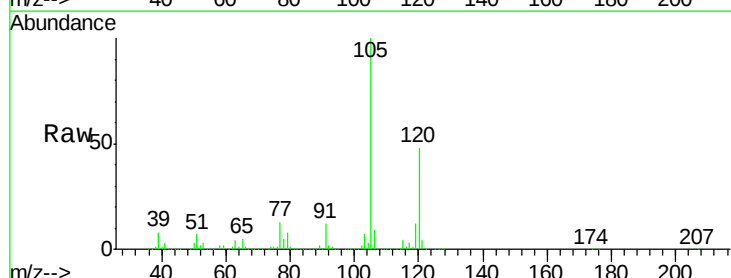
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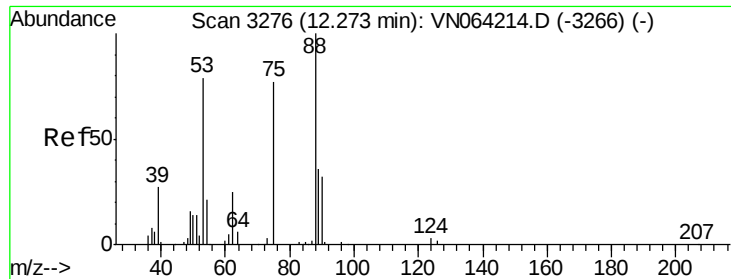
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#80
1,3,5-Trimethylbenzene
Concen: 164.334 ug/l
RT: 12.71 min Scan# 3411
Delta R.T. 0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

Tgt Ion: 105 Resp: 2114310
Ion Ratio Lower Upper
105 100
120 47.3 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 163.386 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

Instrument :

MSVOA_N

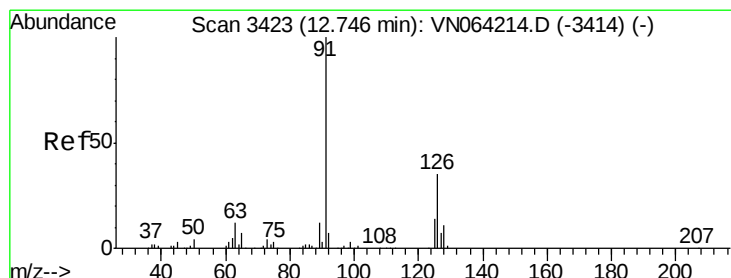
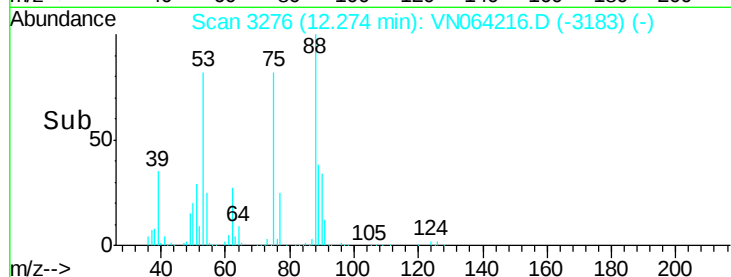
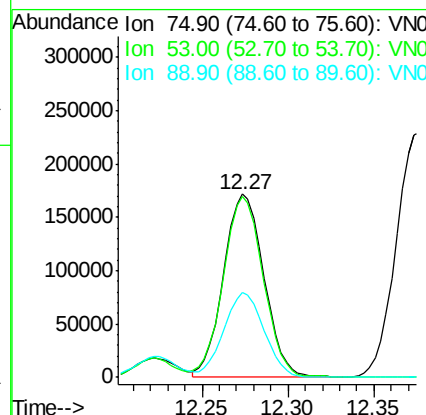
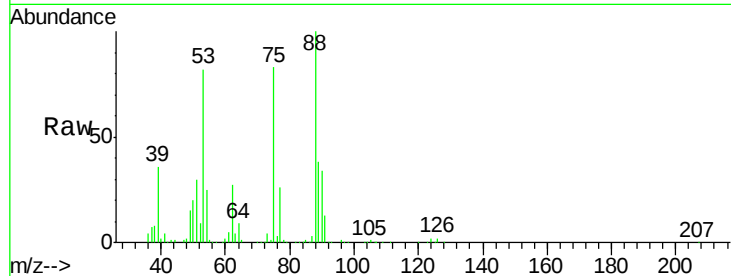
ClientSampleId :

VSTDIC150

Tot Ion:	75	Resp:	279912
Ion Ratio	Lower	Upper	
75	100		
53	98.5	81.0	121.4
89	46.8	38.7	58.1

Manual Integrations
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#82

4-Chlorotoluene

Concen: 161.802 ug/l

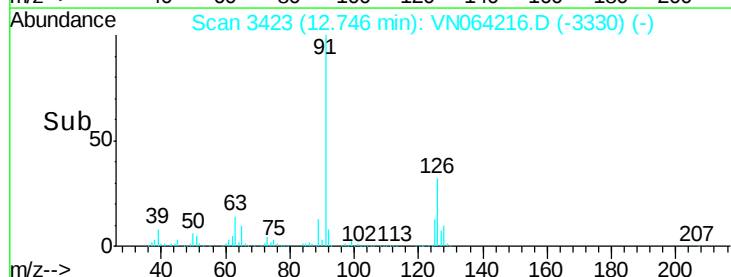
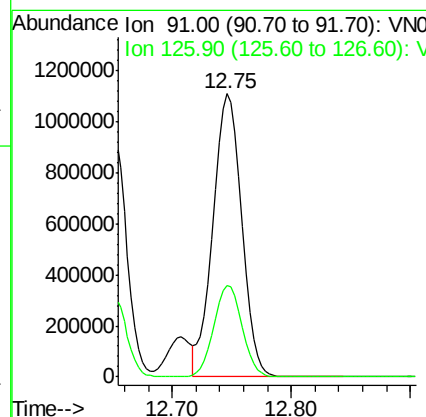
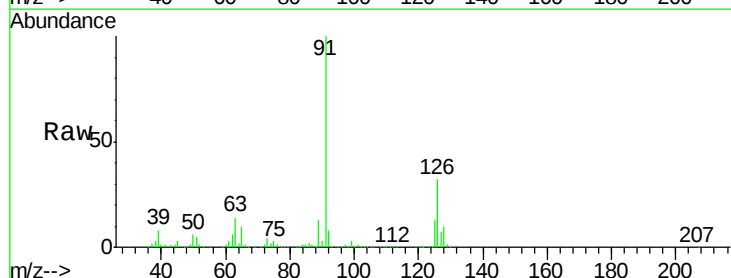
RT: 12.75 min Scan# 3423

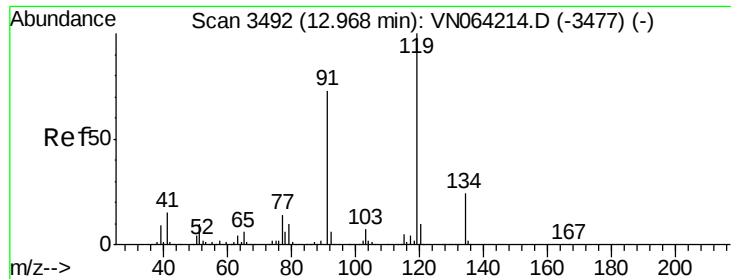
Delta R.T. 0.00 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

Tgt Ion:	91	Resp:	1855634
Ion Ratio	Lower	Upper	
91	100		
126	31.8	15.8	47.3





#83

tert-Butylbenzene

Concen: 161.586 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. 0.00 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:119 Resp: 1719095

Ion Ratio Lower Upper

119 100

91 70.2 35.1 105.3

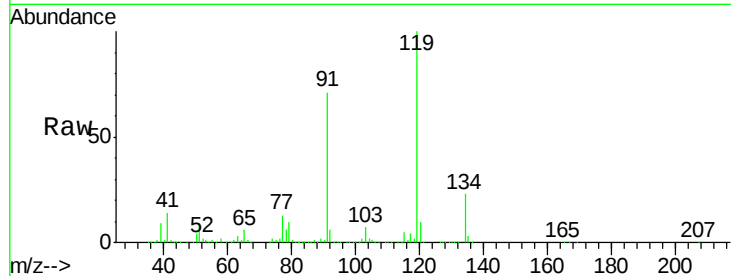
134 24.7 11.6 34.8

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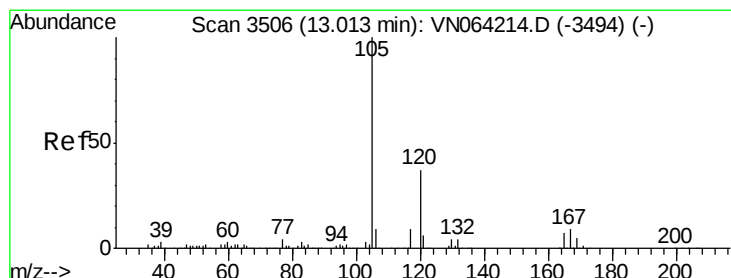
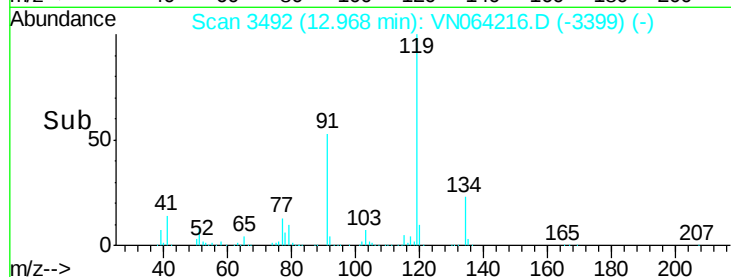
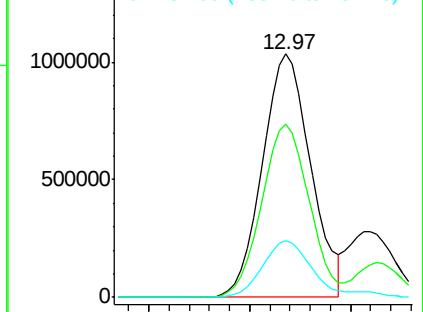
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Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 170.783 ug/l

RT: 13.01 min Scan# 3506

Delta R.T. 0.00 min

Lab File: VN064216.D

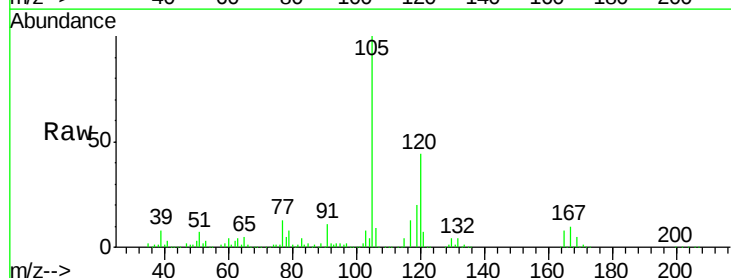
Acq: 21 Oct 2020 12:32

Tgt Ion:105 Resp: 2155804

Ion Ratio Lower Upper

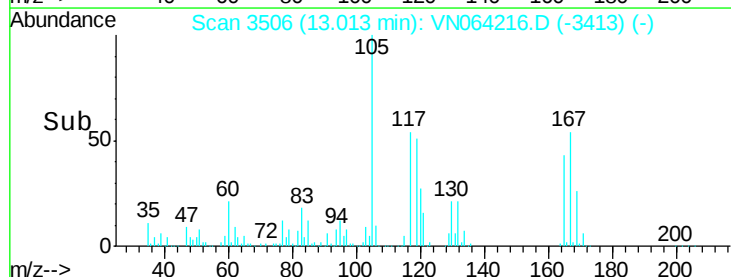
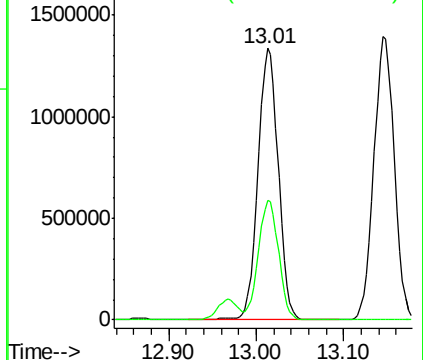
105 100

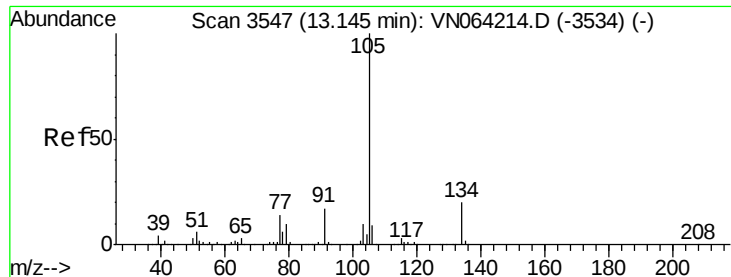
120 44.0 21.5 64.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 164.785 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 2248725

Ion Ratio Lower Upper

105 100

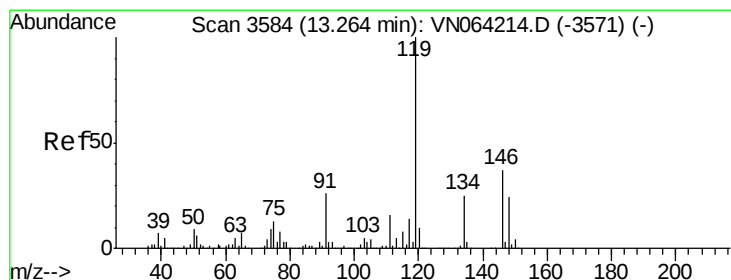
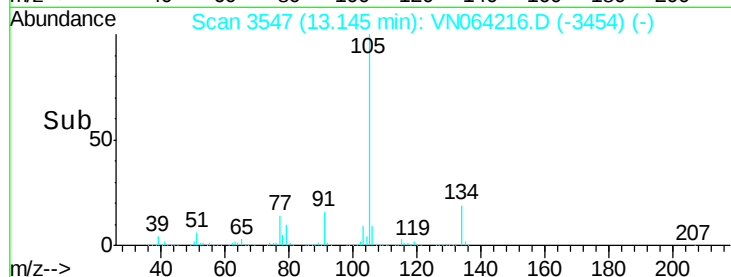
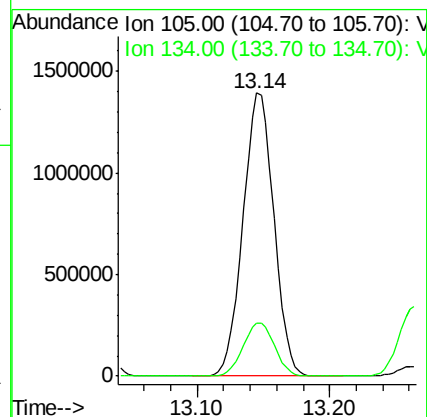
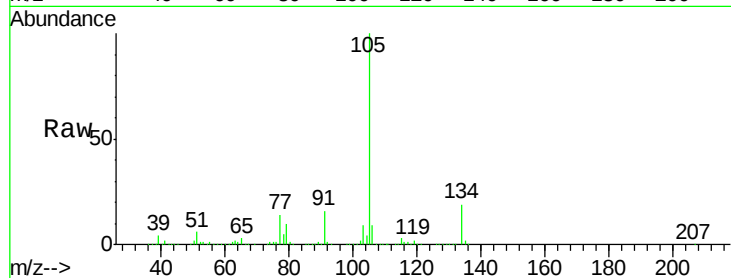
134 19.3 9.7 29.1

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#86

p-Isopropyltoluene

Concen: 174.172 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

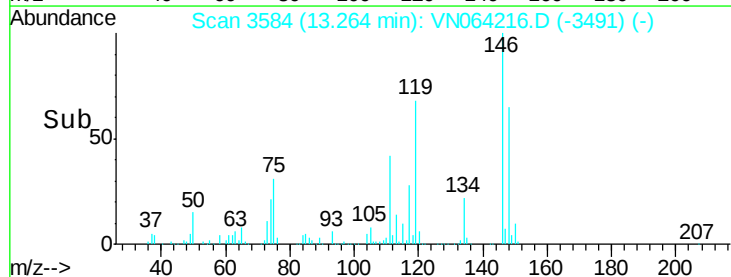
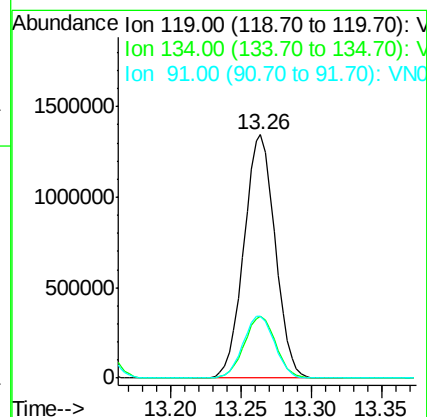
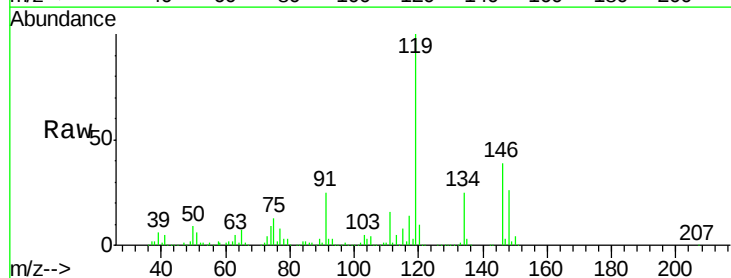
Tgt Ion:119 Resp: 2081500

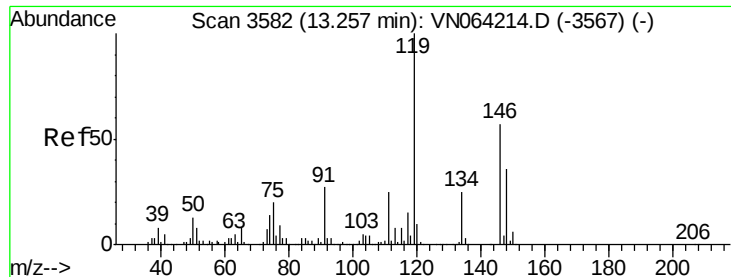
Ion Ratio Lower Upper

119 100

134 25.6 13.1 39.3

91 25.9 13.4 40.2





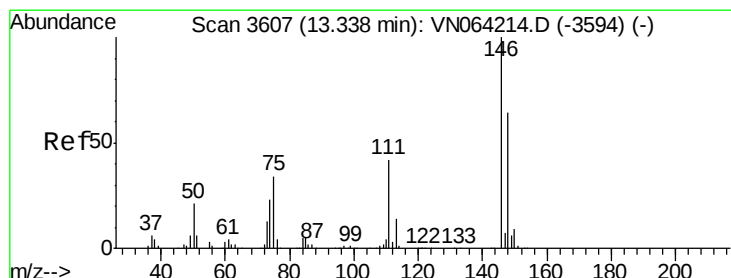
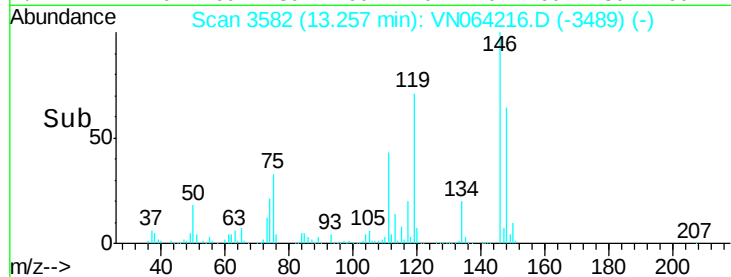
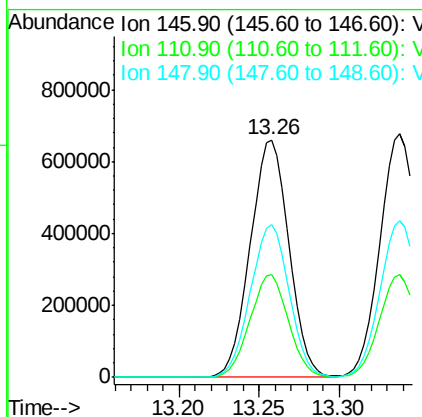
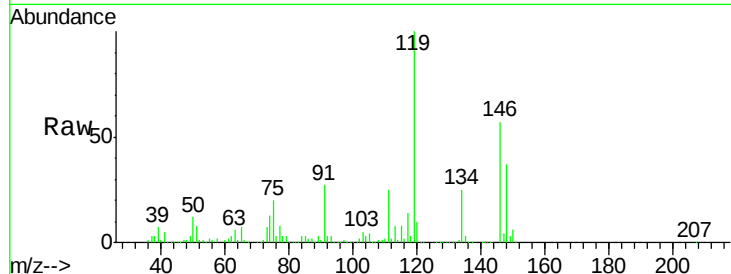
#87
 1,3-Dichlorobenzene
 Concen: 153.500 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064216.D
 Acq: 21 Oct 2020 12:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion:146 Resp: 1093477
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.6 65.0
 148 64.6 31.7 95.1

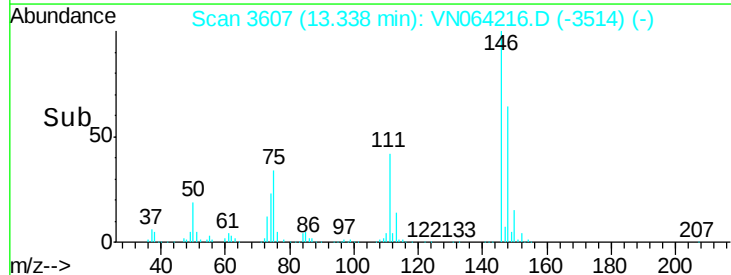
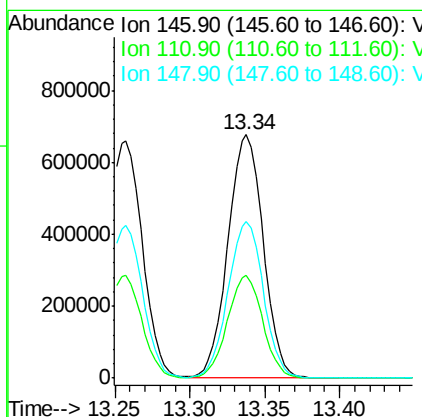
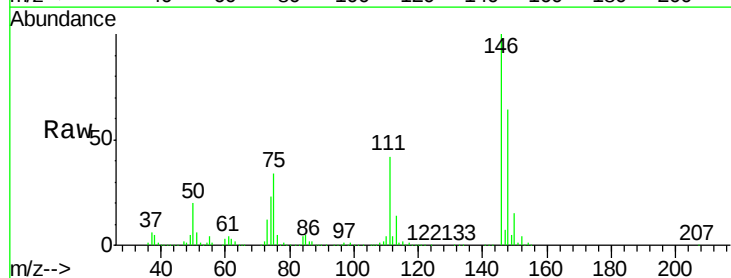
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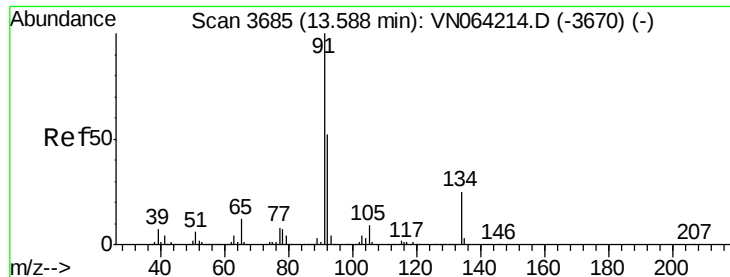
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#88
 1,4-Dichlorobenzene
 Concen: 152.311 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064216.D
 Acq: 21 Oct 2020 12:32

Tgt Ion:146 Resp: 1112035
 Ion Ratio Lower Upper
 146 100
 111 41.8 21.5 64.5
 148 64.3 32.0 96.0





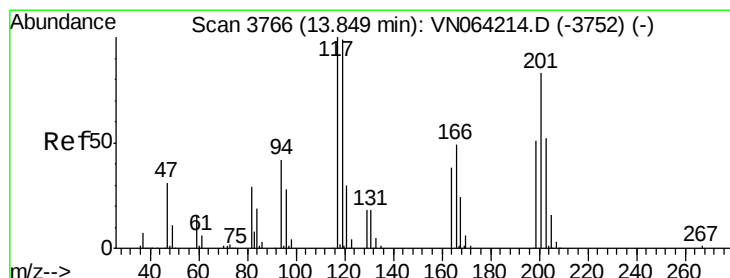
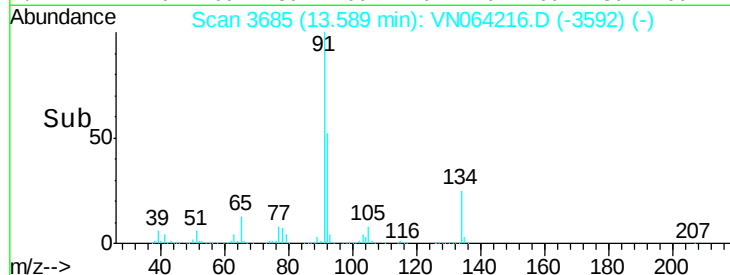
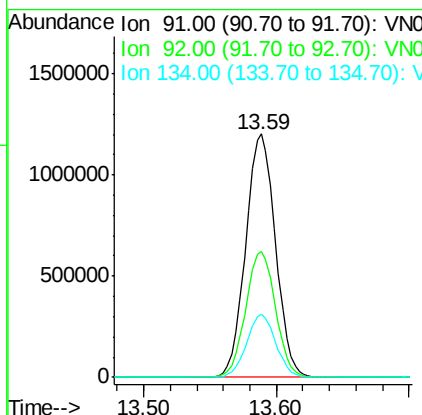
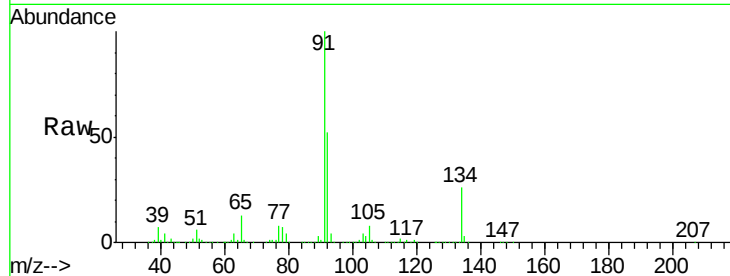
#89
n-Butylbenzene
Concen: 183.880 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tot Ion: 91 Resp: 1869632
Ion Ratio Lower Upper
91 100
92 51.9 25.7 77.0
134 25.4 12.3 36.8

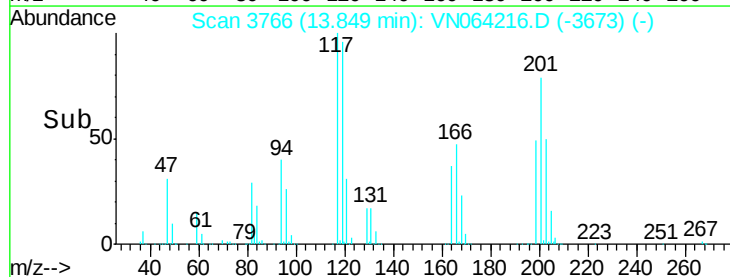
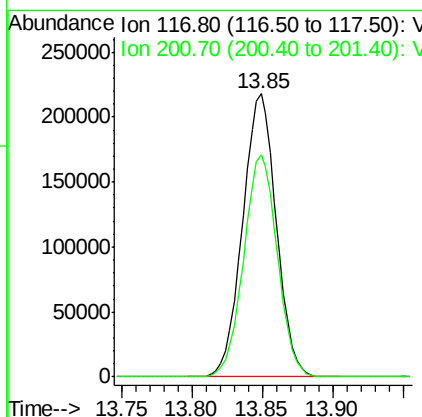
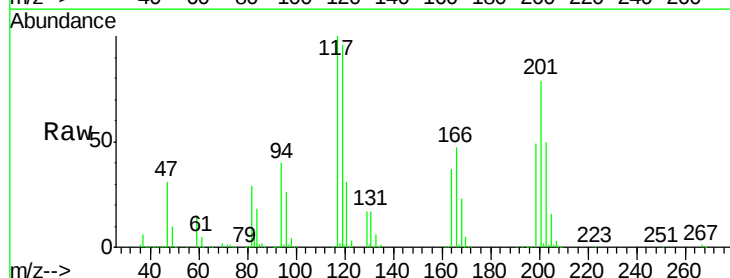
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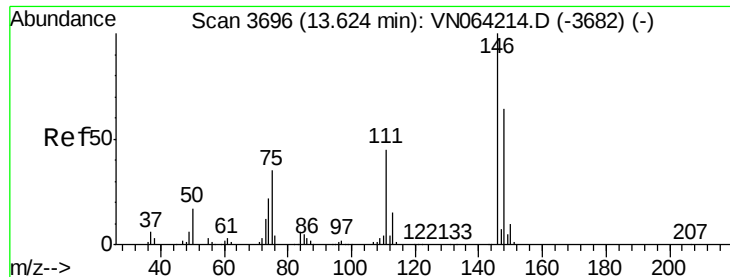
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#90
Hexachloroethane
Concen: 159.325 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

Tgt Ion: 117 Resp: 364241
Ion Ratio Lower Upper
117 100
201 78.5 40.1 120.3





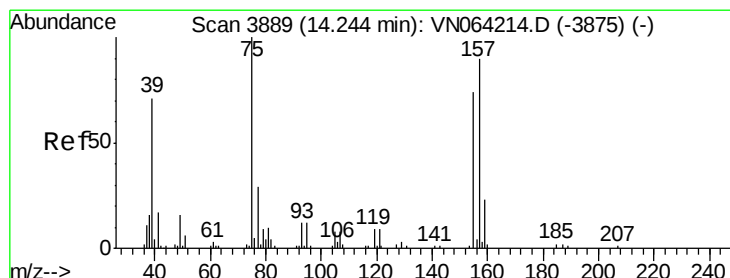
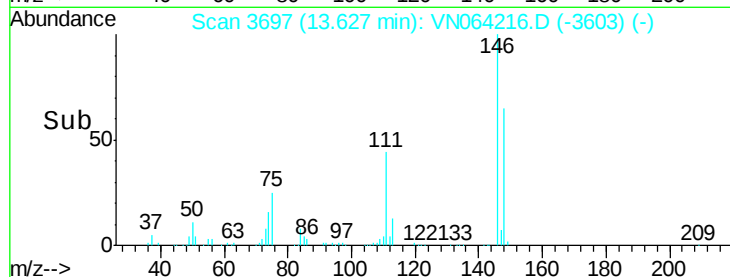
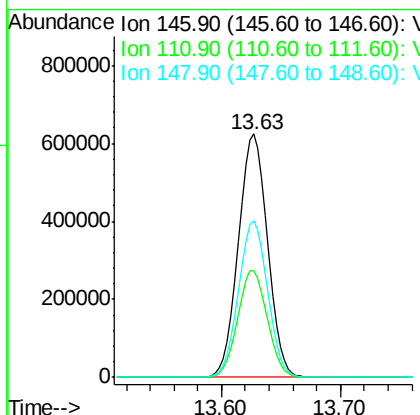
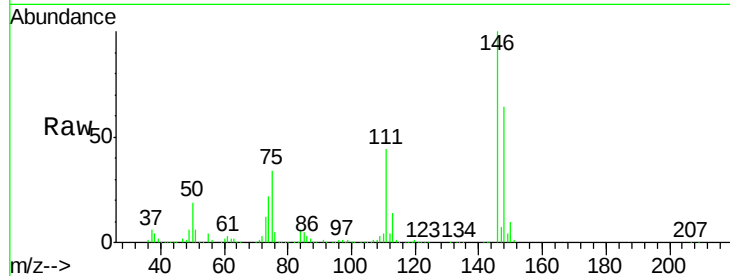
#91
 1,2-Dichlorobenzene
 Concen: 149.871 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064216.D
 Acq: 21 Oct 2020 12:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.4	22.9	68.7
148	64.1	31.9	95.5

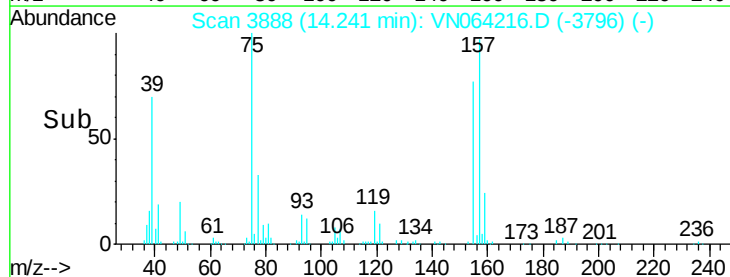
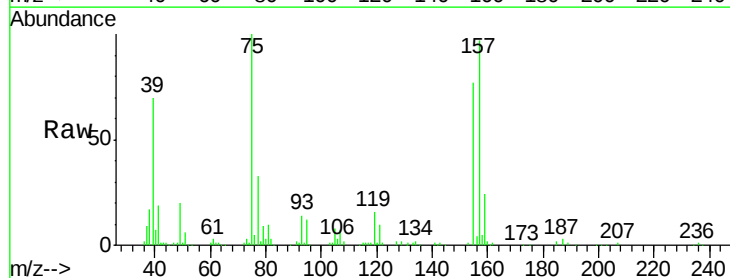
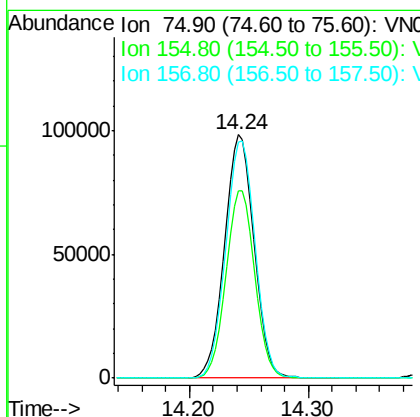
Manual Integrations
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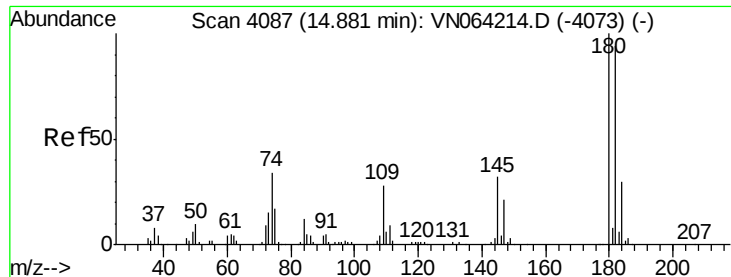
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 157.887 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064216.D
 Acq: 21 Oct 2020 12:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.0	36.9	110.7
157	97.0	44.6	133.8





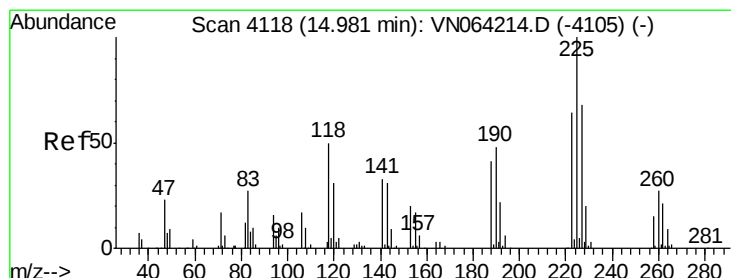
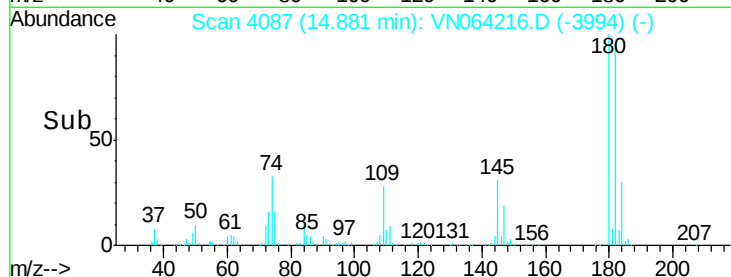
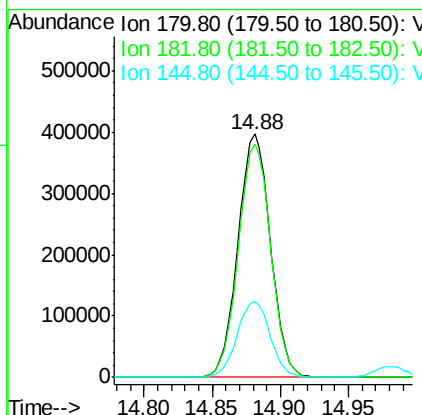
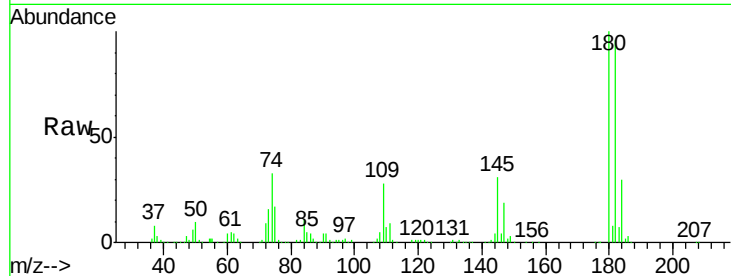
#93
 1,2,4-Trichlorobenzene
 Concen: 217.584 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064216.D
 Acq: 21 Oct 2020 12:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	46.9	140.7
145	31.7	16.1	48.3

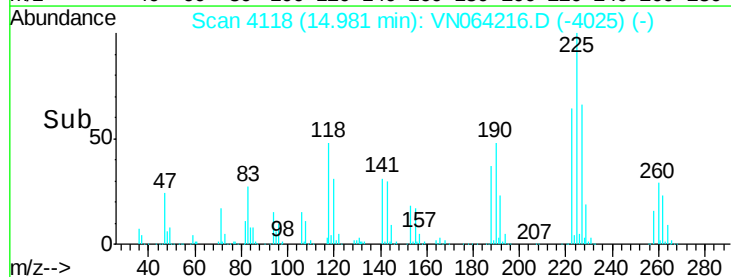
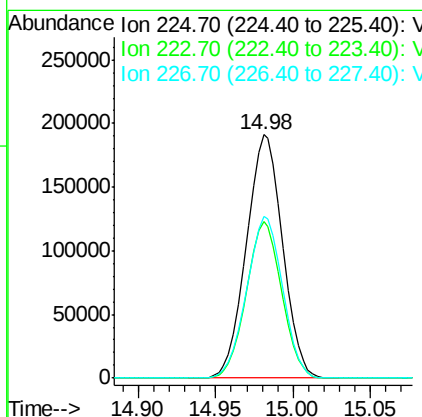
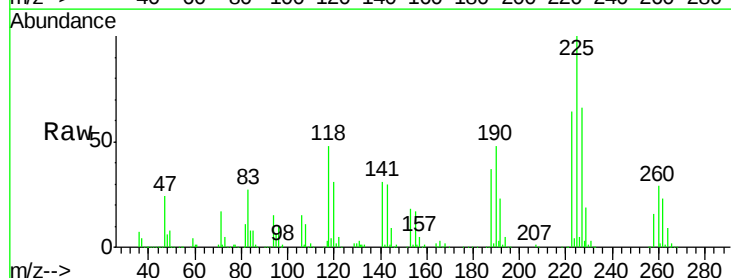
Manual Integrations
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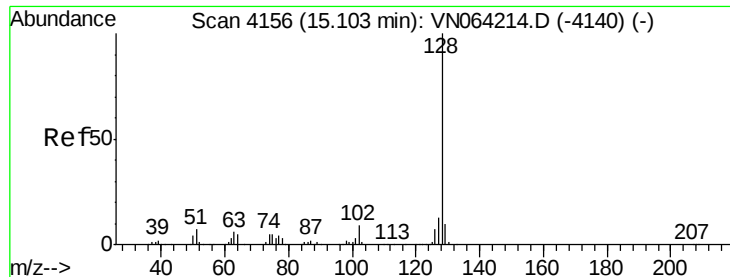
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#94
 Hexachlorobutadiene
 Concen: 176.235 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064216.D
 Acq: 21 Oct 2020 12:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.5	94.5
227	65.9	32.1	96.5





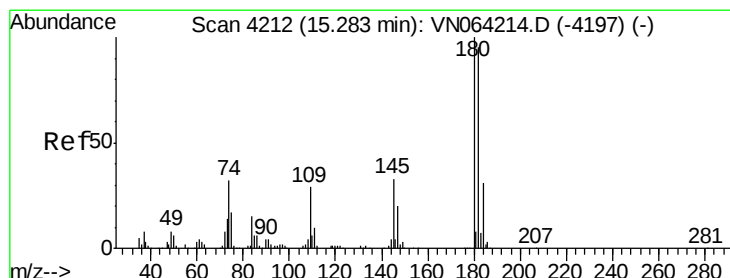
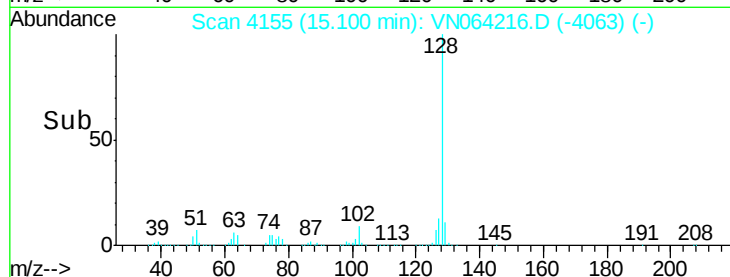
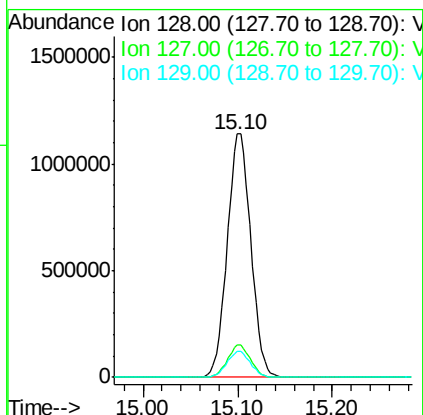
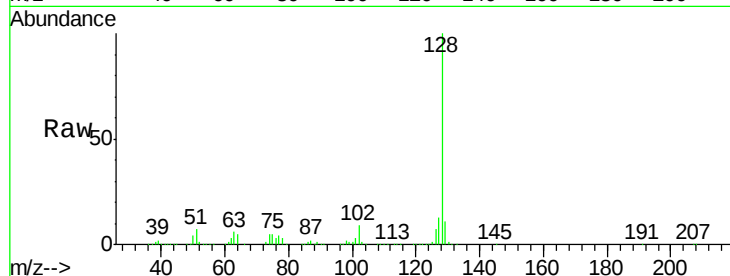
#95
Naphthalene
Concen: 219.727 ug/l
RT: 15.10 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	10.6	8.6	12.8

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 208.340 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.0	144.2
145	34.3	17.1	51.3

