

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101420\
 Data File : VN064117.D
 Acq On : 14 Oct 2020 16:17
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 10/15/2020 12:17:28 PM

Quant Time: Oct 14 19:18:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 14 15:55:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	409554	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	664392	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	635887	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	329931	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	844844	129.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	258.28%	
35) Dibromofluoromethane	7.55	113	696624	152.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	304.38%	
50) Toluene-d8	10.06	98	2715484	155.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	311.36%	
62) 4-Bromofluorobenzene	12.38	95	981387	152.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	305.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	572155	133.075	ug/l	99
3) Chloromethane	2.04	50	680784	134.261	ug/l	99
4) Vinyl Chloride	2.16	62	839803	159.820	ug/l	97
5) Bromomethane	2.51	94	674481	193.694	ug/l	98
6) Chloroethane	2.66	64	633752	192.090	ug/l	97
7) Trichlorofluoromethane	2.98	101	1184256	146.010	ug/l	100
8) Diethyl Ether	3.37	74	383330	141.946	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	569496	132.769	ug/l	98
10) Methyl Iodide	3.91	142	913362	178.273	ug/l	98
11) Tert butyl alcohol	4.73	59	487913	675.551	ug/l	98
12) 1,1-Dichloroethene	3.69	96	582352	140.831	ug/l	99
13) Acrolein	3.56	56	416974	884.609	ug/l	98
14) Allyl chloride	4.28	41	861288	115.525	ug/l	93
15) Acrylonitrile	4.93	53	1407505	673.078	ug/l	99
16) Acetone	3.77	43	1215446	601.419	ug/l	99
17) Carbon Disulfide	4.01	76	1724332	142.162	ug/l	99
18) Methyl Acetate	4.27	43	616107	117.594	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	1849740	126.802	ug/l	100
20) Methylene Chloride	4.50	84	711824	137.146	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	674492	144.689	ug/l	100
22) Diisopropyl ether	5.90	45	1907597	124.705	ug/l	99
23) Vinyl Acetate	5.84	43	8601153	671.840	ug/l	97
24) 1,1-Dichloroethane	5.80	63	1229525	137.246	ug/l	99
25) 2-Butanone	6.78	43	1995024	689.540	ug/l	100
26) 2,2-Dichloropropane	6.78	77	1009816	125.183	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	790731	147.725	ug/l	99
28) Bromochloromethane	7.15	49	624696	143.383	ug/l #	97
29) Tetrahydrofuran	7.16	42	1183627	618.633	ug/l	100
30) Chloroform	7.33	83	1316194	140.040	ug/l	99
31) Cyclohexane	7.61	56	901341	118.259	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	1159361	137.849	ug/l	98
36) 1,1-Dichloropropene	7.75	75	972240	144.705	ug/l	99
37) Ethyl Acetate	6.88	43	876364	133.099	ug/l	99
38) Carbon Tetrachloride	7.73	117	1033114	138.003	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	880308	134.657	ug/l	99
40) Benzene	8.00	78	2939575	151.636	ug/l	99
41) Methacrylonitrile	7.13	41	411742	144.184	ug/l	94
42) 1,2-Dichloroethane	8.09	62	1025322	127.273	ug/l	100
43) Isopropyl Acetate	8.13	43	1521187	141.806	ug/l	99
44) Trichloroethene	8.80	130	778668	152.804	ug/l	96
45) 1,2-Dichloropropane	9.08	63	761021	146.752	ug/l	99
46) Dibromomethane	9.17	93	532191	147.960	ug/l	98
47) Bromodichloromethane	9.37	83	1086630	147.624	ug/l	99
48) Methyl methacrylate	9.17	41	733625	138.221	ug/l	99
49) 1,4-Dioxane	9.17	88	211695	2804.337	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	4367607	691.309	ug/l	95
52) Toluene	10.13	92	1914270	159.634	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	1207356	153.979	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	1280075	155.616	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	749507	156.235	ug/l	99
56) Ethyl methacrylate	10.40	69	1128273	167.909	ug/l	99
57) 1,3-Dichloropropane	10.68	76	1252560	155.029	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	2818250	788.422	ug/l	98
59) 2-Hexanone	10.72	43	3323906	710.363	ug/l	97
60) Dibromochloromethane	10.87	129	886300	158.251	ug/l	99
61) 1,2-Dibromoethane	10.98	107	798352	162.071	ug/l	99
64) Tetrachloroethene	10.60	164	702672	141.136	ug/l	97
65) Chlorobenzene	11.41	112	2056476	155.834	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	799528	158.677	ug/l	100
67) Ethyl Benzene	11.49	91	3617266	152.624	ug/l	95
68) m/p-Xylenes	11.59	106	2846549	320.276	ug/l	91
69) o-Xylene	11.92	106	1377167	165.735	ug/l	96
70) Styrene	11.94	104	2391932	170.020	ug/l	100
71) Bromoform	12.10	173	665728	173.169	ug/l #	97
73) Isopropylbenzene	12.23	105	3455318	143.388	ug/l	98
74) N-amyl acetate	12.05	43	1475396	151.713	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	1114129	150.026	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	1093898m	150.254	ug/l	
77) Bromobenzene	12.50	156	939567	156.374	ug/l	99
78) n-propylbenzene	12.57	91	3930044	140.326	ug/l	97
79) 2-Chlorotoluene	12.65	91	2461698	142.560	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	2961069	146.458	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.28	75	401013	159.673	ug/l	97
82) 4-Chlorotoluene	12.75	91	2602595	145.790	ug/l	98
83) tert-Butylbenzene	12.97	119	2449820	148.222	ug/l	100
84) 1,2,4-Trimethylbenzene	13.02	105	3029296	150.840	ug/l	99
85) sec-Butylbenzene	13.15	105	3148694	145.360	ug/l	98
86) p-Isopropyltoluene	13.26	119	2952099	154.251	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	1695871	157.240	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	1724841	153.453	ug/l	99
89) n-Butylbenzene	13.59	91	2526362	145.038	ug/l	98
90) Hexachloroethane	13.85	117	497240	136.557	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	1652711	153.867	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	220389	129.993	ug/l	94

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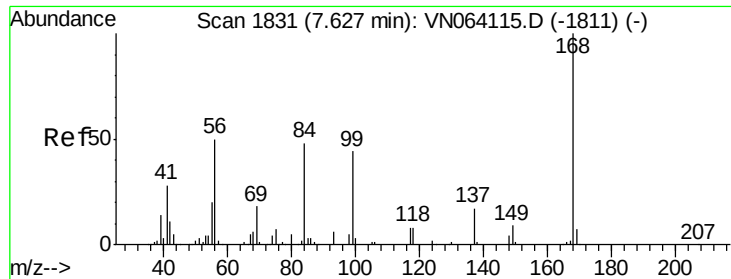
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	850026	148.261	ug/l	97
94) Hexachlorobutadiene	14.98	225	387398	116.786	ug/l	99
95) Naphthalene	15.10	128	2628531	150.544	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	841200	145.581	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064117.D

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Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 409554

Ion Ratio Lower Upper

168 100

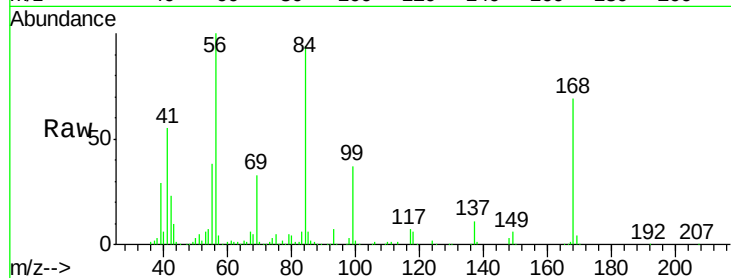
99 53.9 43.6 65.4

Manual Integrations

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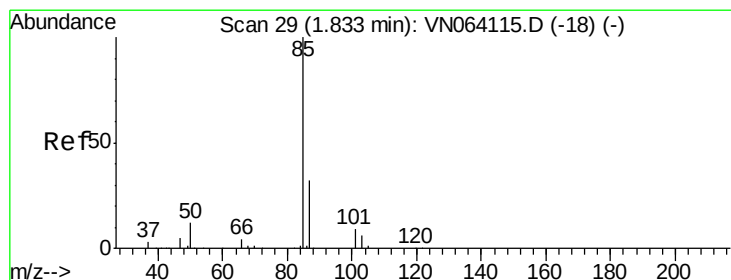
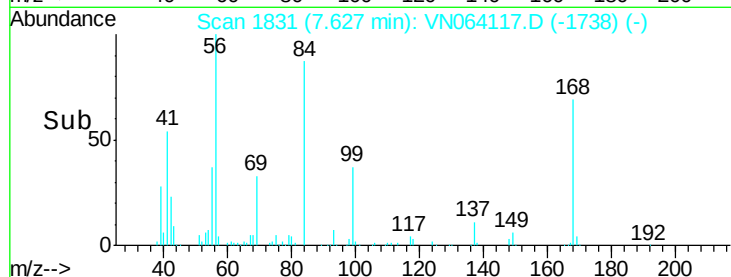
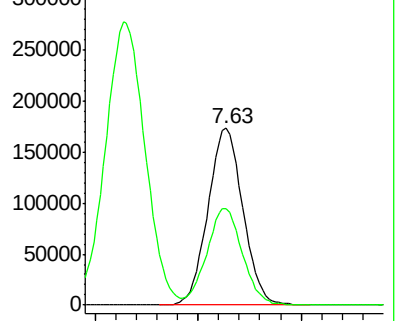
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 133.075 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN064117.D

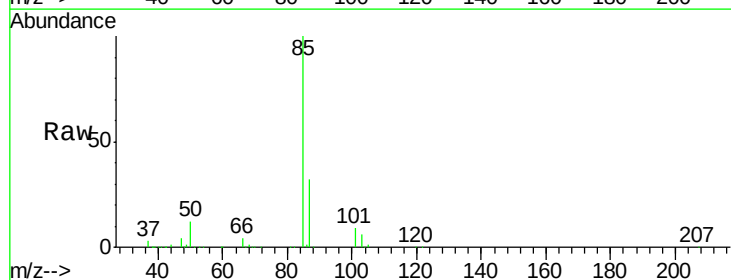
Acq: 14 Oct 2020 16:17

Tgt Ion: 85 Resp: 572155

Ion Ratio Lower Upper

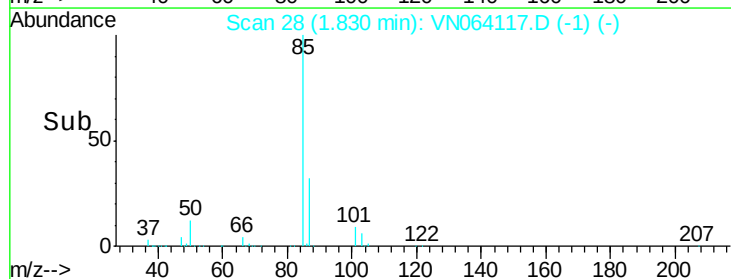
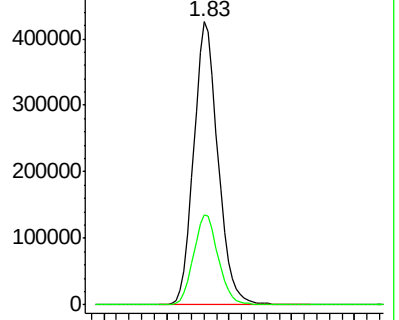
85 100

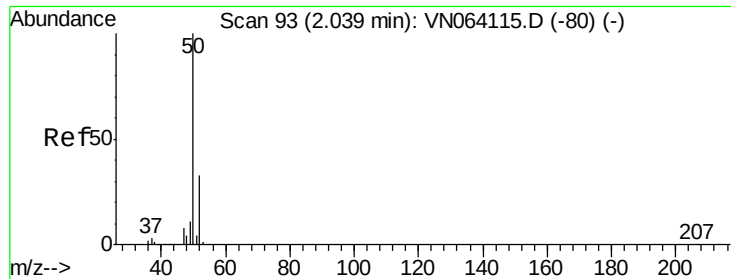
87 31.9 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 134.261 ug/l

RT: 2.04 min Scan# 92

Delta R.T. -0.00 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 680784

Ion Ratio Lower Upper

50 100

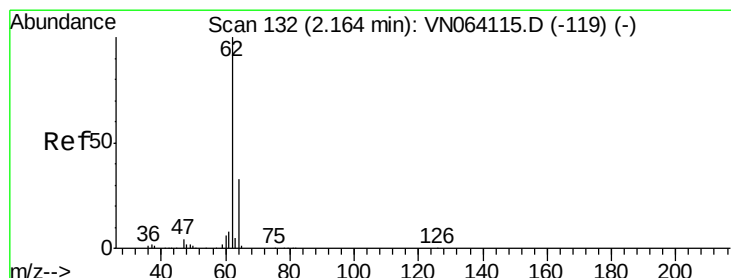
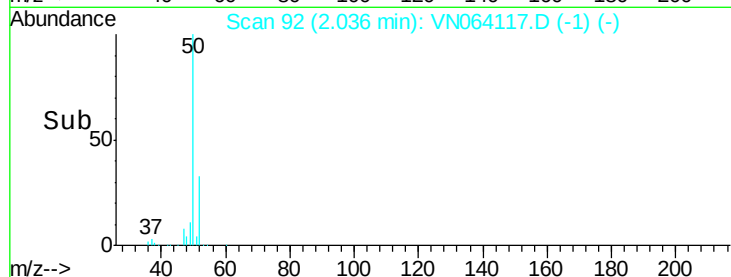
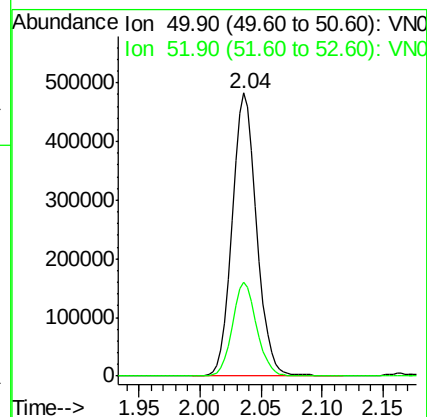
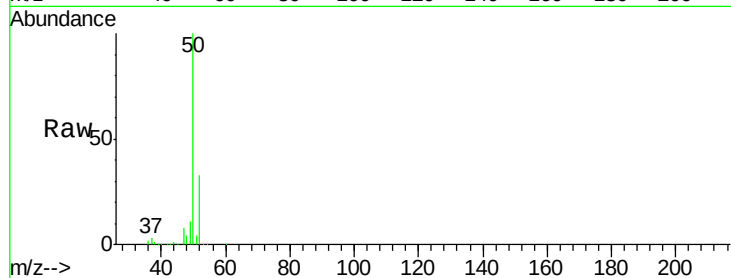
52 33.4 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 159.820 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064117.D

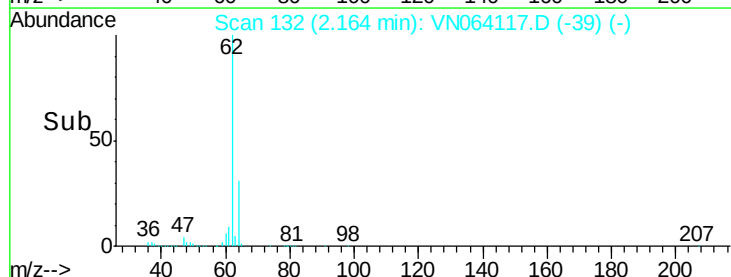
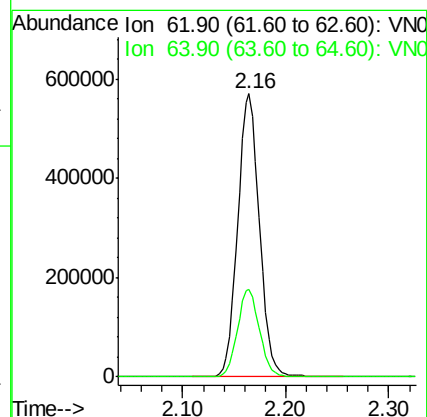
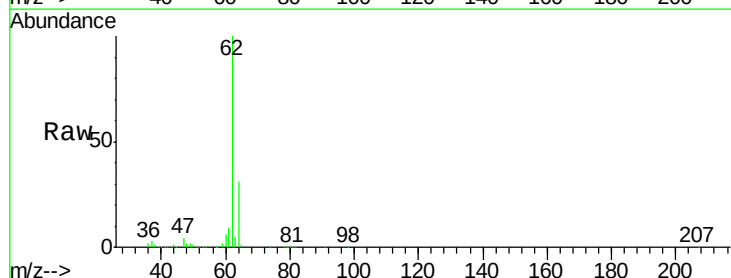
Acq: 14 Oct 2020 16:17

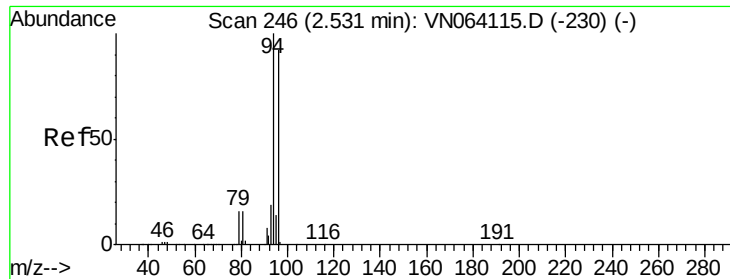
Tgt Ion: 62 Resp: 839803

Ion Ratio Lower Upper

62 100

64 31.1 26.2 39.4





#5

Bromomethane

Concen: 193.694 ug/l

RT: 2.51 min Scan# 239

Delta R.T. -0.02 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 674481

Ion Ratio Lower Upper

94 100

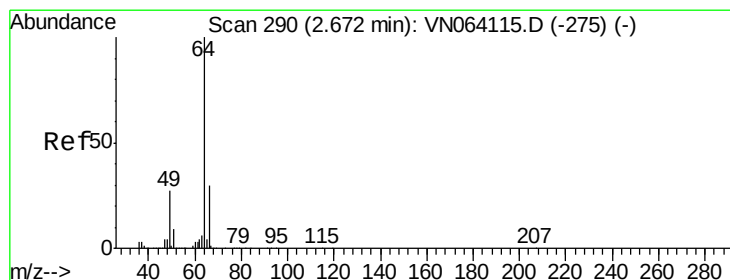
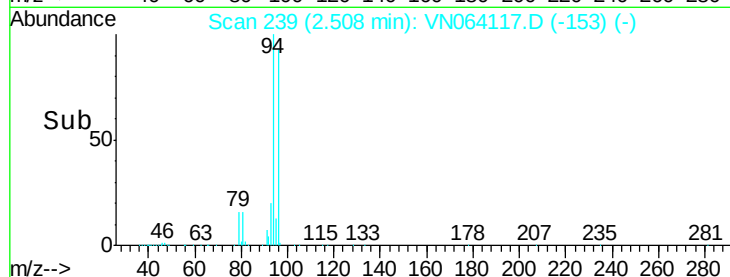
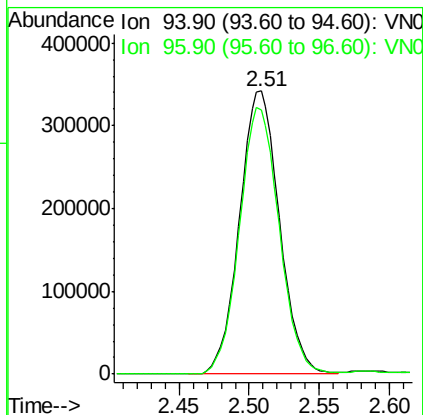
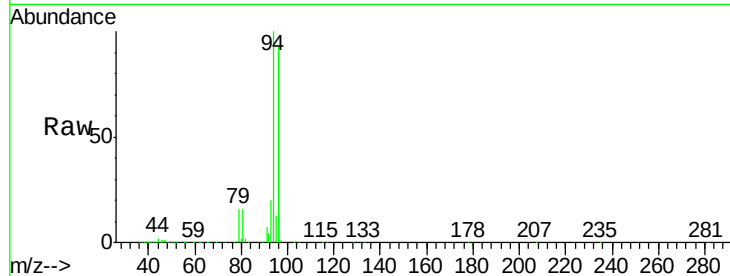
96 93.4 73.5 110.3

Manual Integrations

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#6

Chloroethane

Concen: 192.090 ug/l

RT: 2.66 min Scan# 286

Delta R.T. -0.01 min

Lab File: VN064117.D

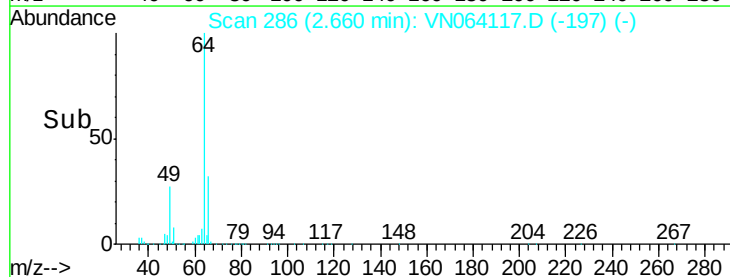
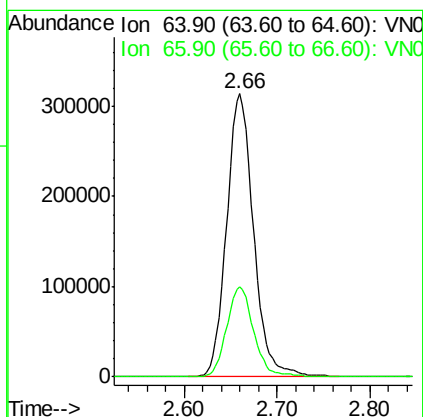
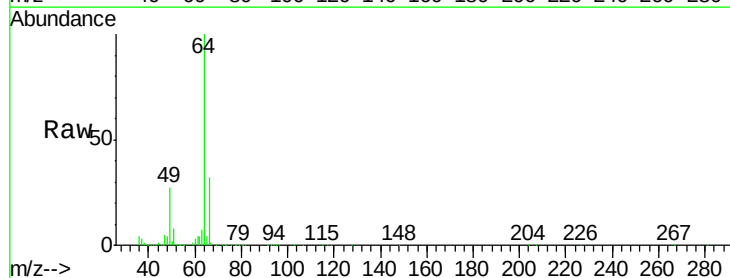
Acq: 14 Oct 2020 16:17

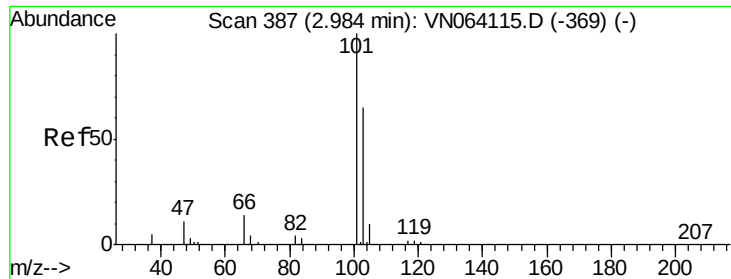
Tgt Ion: 64 Resp: 633752

Ion Ratio Lower Upper

64 100

66 31.9 24.2 36.2





#7

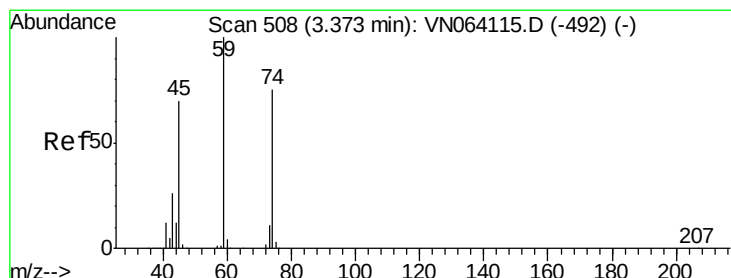
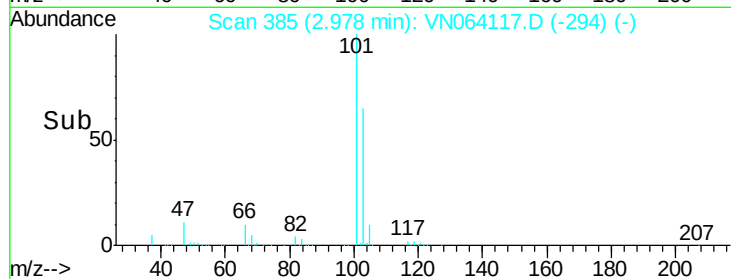
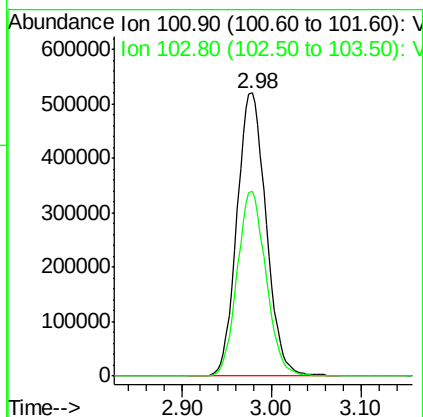
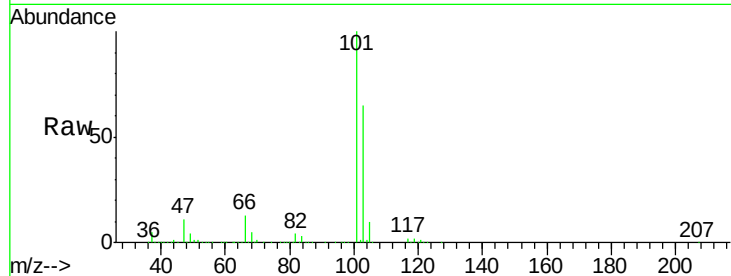
Trichlorofluoromethane
 Concen: 146.010 ug/l
 RT: 2.98 min Scan# 385
 Delta R.T. -0.01 min
 Lab File: VN064117.D
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 ClientSampleId :
 VSTDIC150

Tot Ion	Ion	Ratio	Lower	Upper
101	100			
103	65.1	51.8	77.6	

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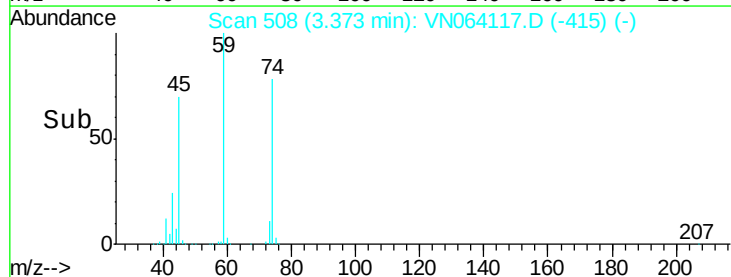
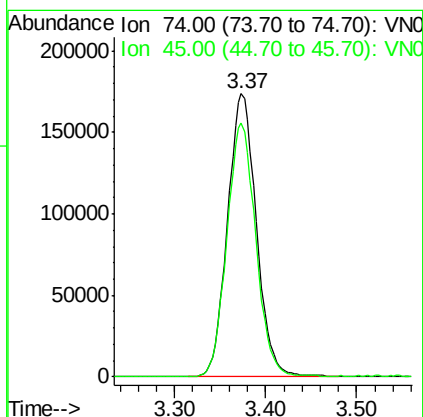
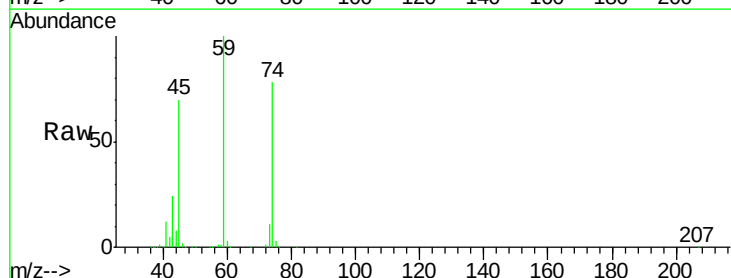
MMDadoda
 10/15/2020 12:17:28 PM

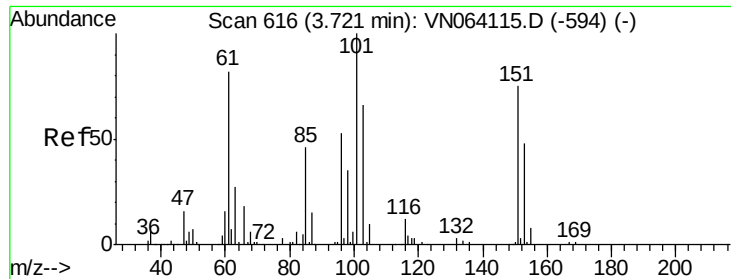


#8

Diethyl Ether
 Concen: 141.946 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN064117.D
 Acq: 14 Oct 2020 16:17

Tgt Ion	Ion	Ratio	Lower	Upper
74	100			
45	89.6	47.0	141.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 132.769 ug/l

RT: 3.72 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

Instrument :

MSVOA_N

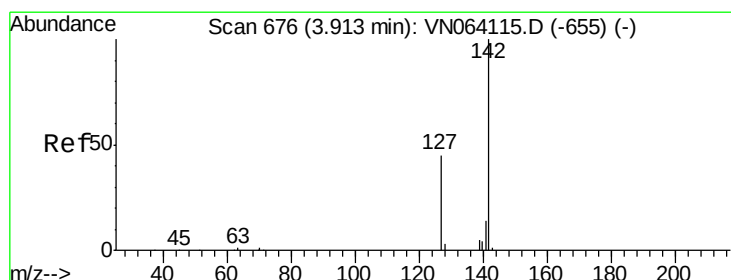
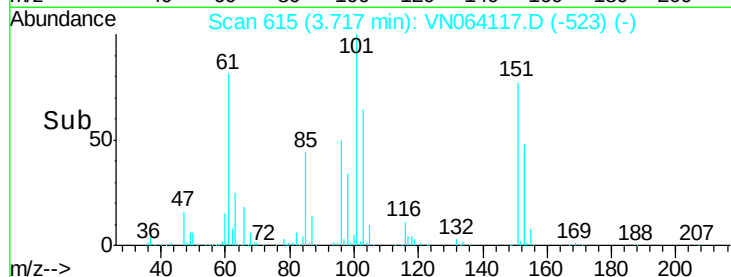
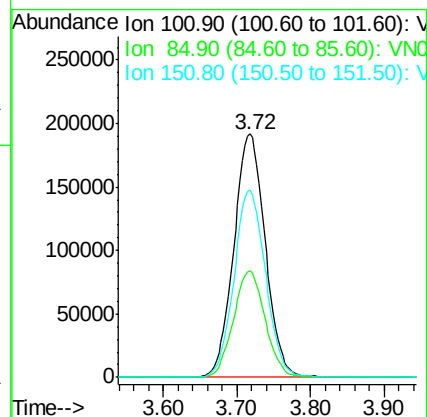
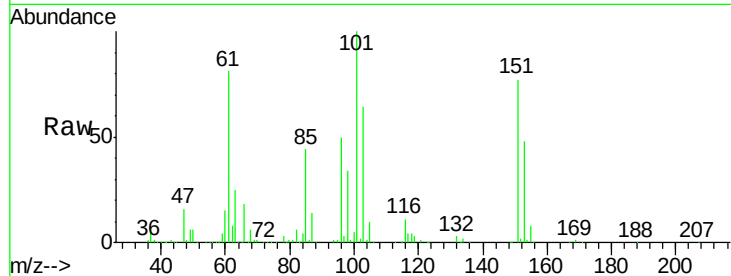
ClientSampleId :

VSTDIC150

Tot Ion:	101	Resp:	569496
Ion Ratio	Lower	Upper	
101	100		
85	44.1	36.9	55.3
151	77.1	60.7	91.1

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#10

Methyl Iodide

Concen: 178.273 ug/l

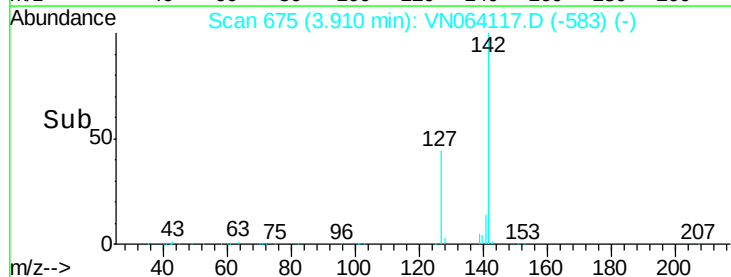
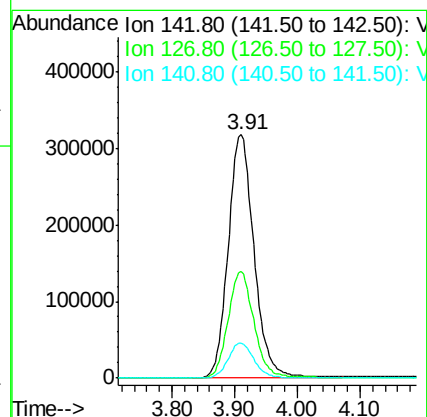
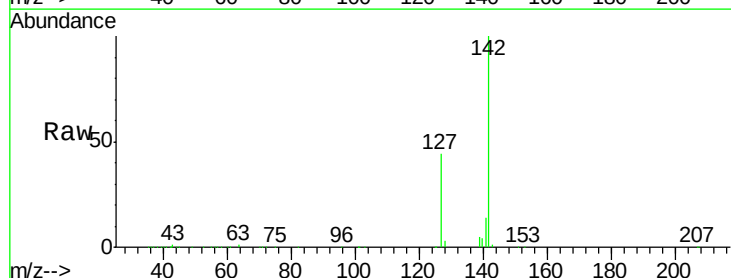
RT: 3.91 min Scan# 675

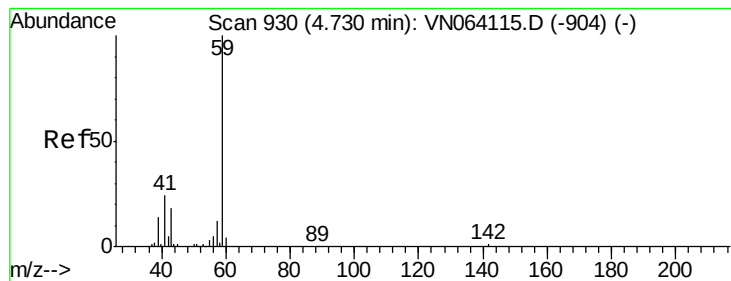
Delta R.T. -0.00 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

Tgt Ion:	142	Resp:	913362
Ion Ratio	Lower	Upper	
142	100		
127	43.7	36.3	54.5
141	14.3	11.6	17.4





#11

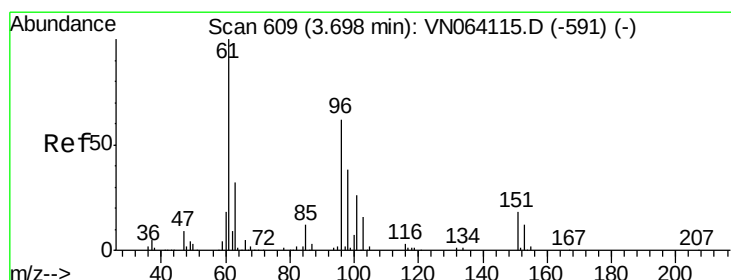
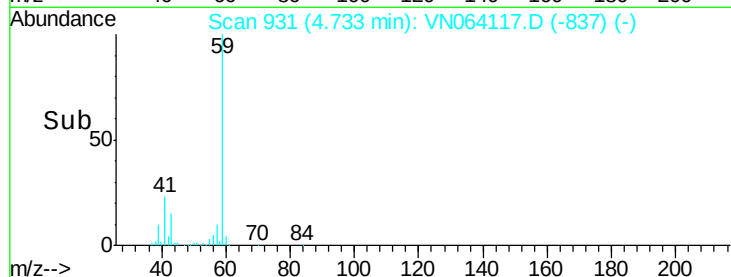
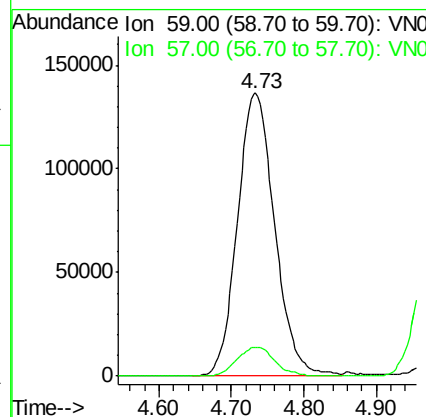
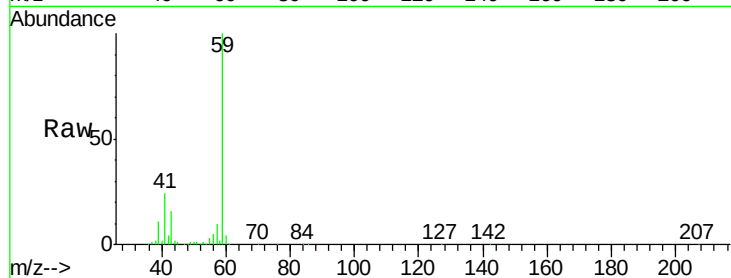
Tert butyl alcohol
Concen: 675.551 ug/l
RT: 4.73 min Scan# 931
Delta R.T. 0.00 min
Lab File: VN064117.D
Acq: 14 Oct 2020 16:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.9	13.3

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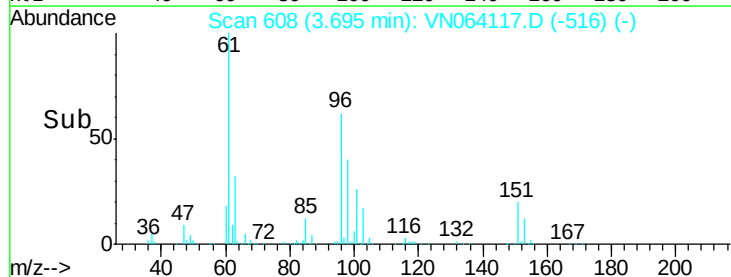
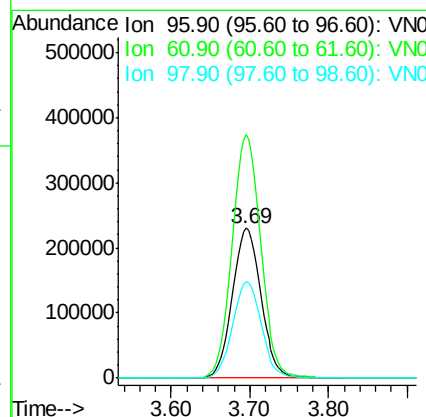
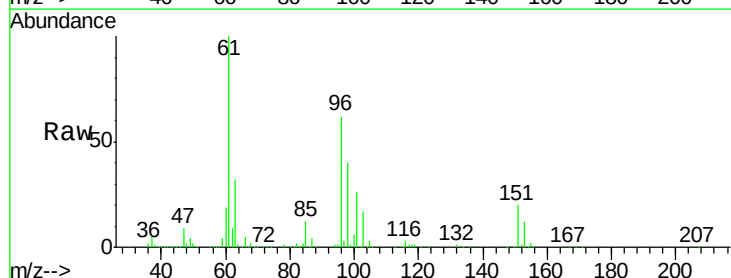
MMDadoda
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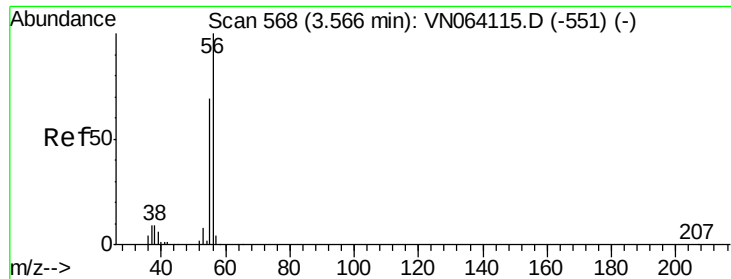


#12

1,1-Dichloroethene
Concen: 140.831 ug/l
RT: 3.69 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN064117.D
Acq: 14 Oct 2020 16:17

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.4	129.9	194.9
98	64.5	48.9	73.3





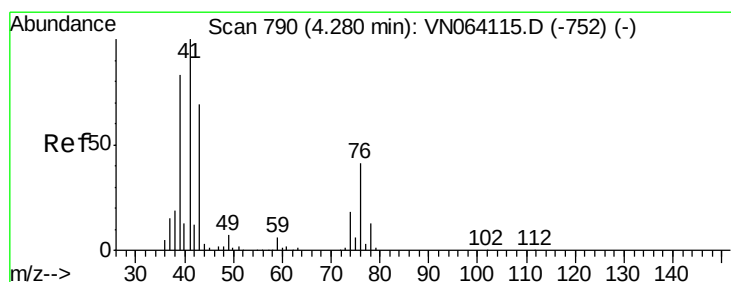
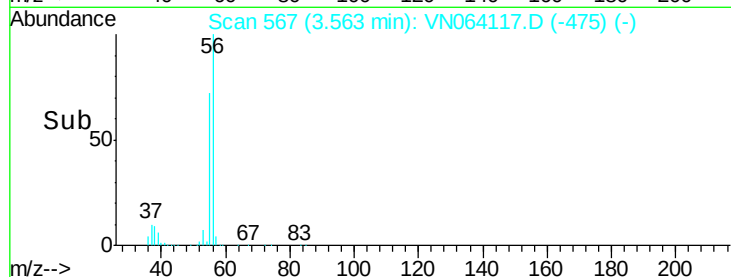
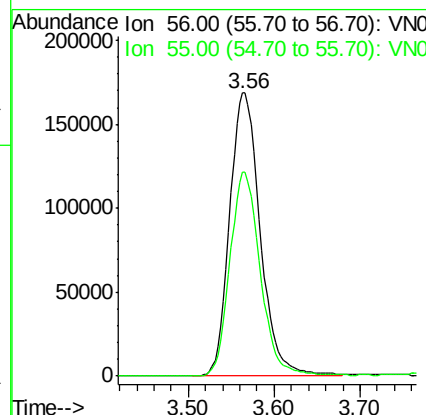
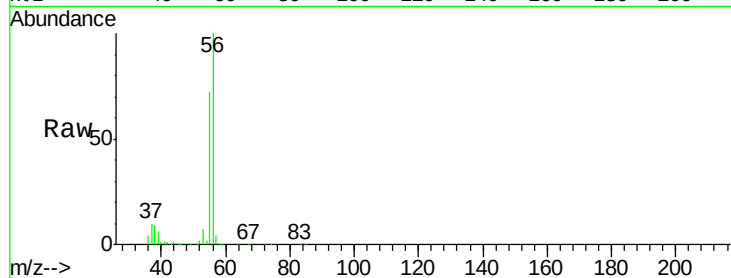
#13
Acrolein
Concen: 884.609 ug/l
RT: 3.56 min Scan# 567
Delta R.T. -0.00 min
Lab File: VN064117.D
Acq: 14 Oct 2020 16:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.4	55.8	83.6

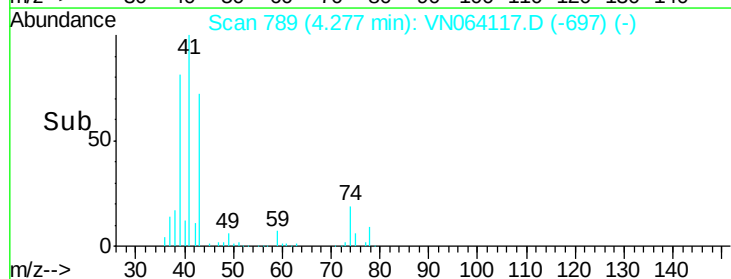
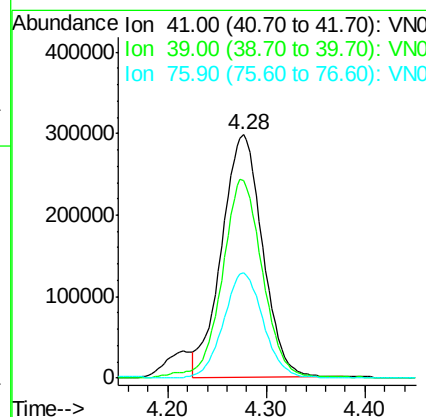
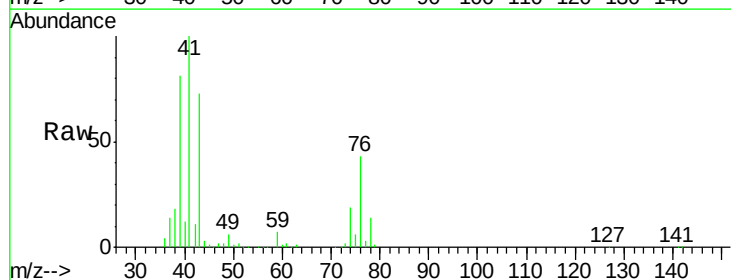
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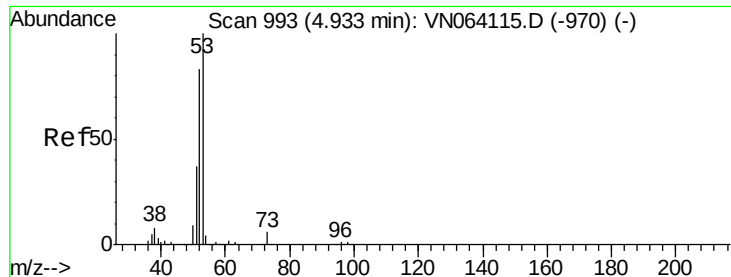
MMDadoda
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#14
Allyl chloride
Concen: 115.525 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN064117.D
Acq: 14 Oct 2020 16:17

Tgt Ion	Ratio	Lower	Upper
41	100		
39	80.7	60.5	90.7
76	41.6	29.5	44.3





#15

Acrylonitrile

Concen: 673.078 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 53 Resp: 1407505

Ion Ratio Lower Upper

53 100

52 82.4 65.8 98.6

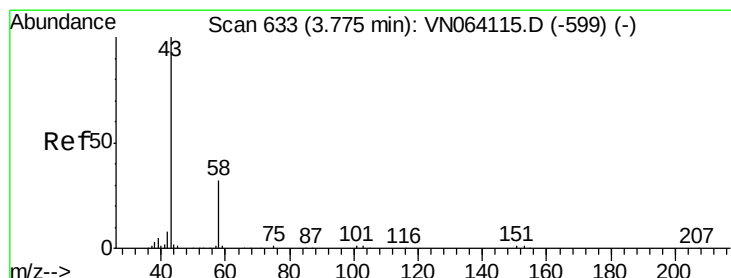
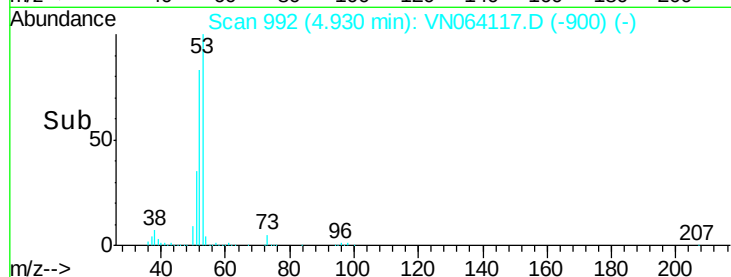
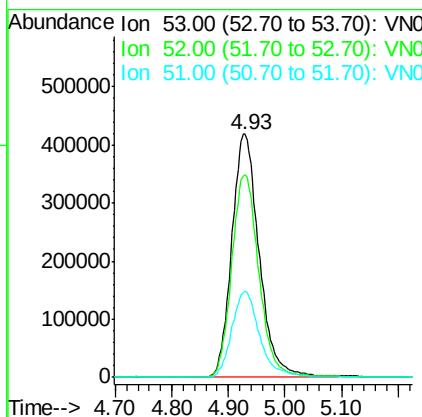
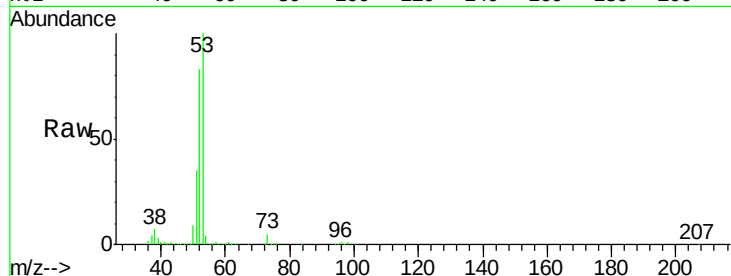
51 35.9 29.4 44.2

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#16

Acetone

Concen: 601.419 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN064117.D

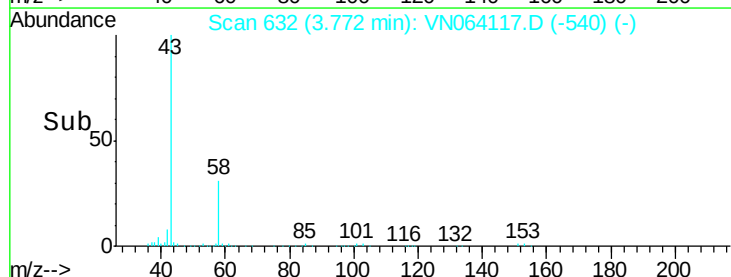
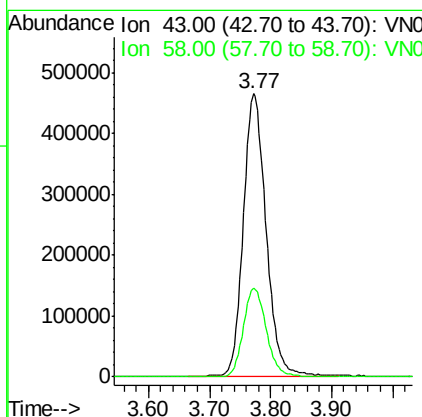
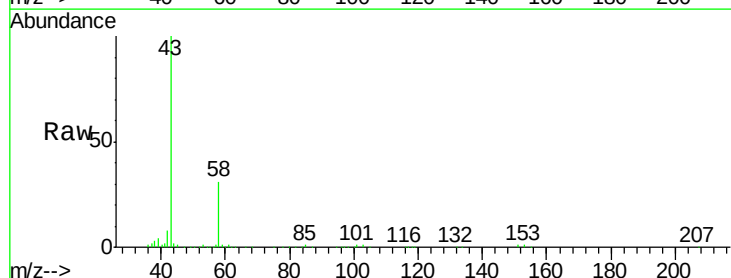
Acq: 14 Oct 2020 16:17

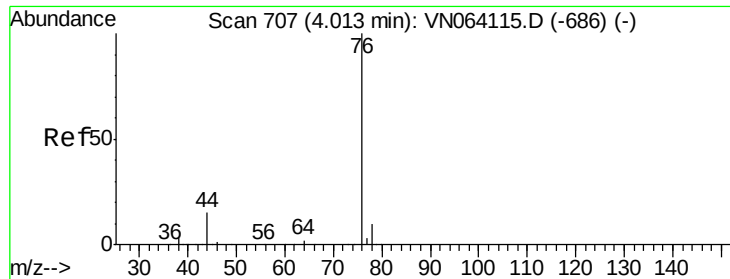
Tgt Ion: 43 Resp: 1215446

Ion Ratio Lower Upper

43 100

58 31.1 25.2 37.8





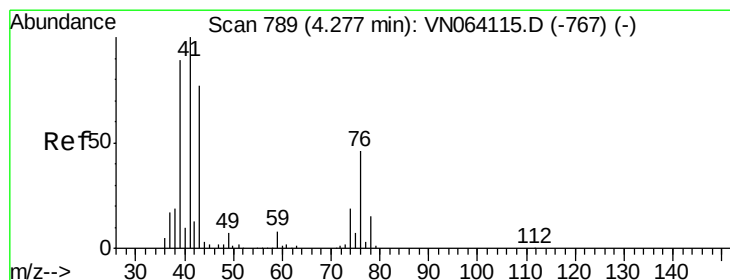
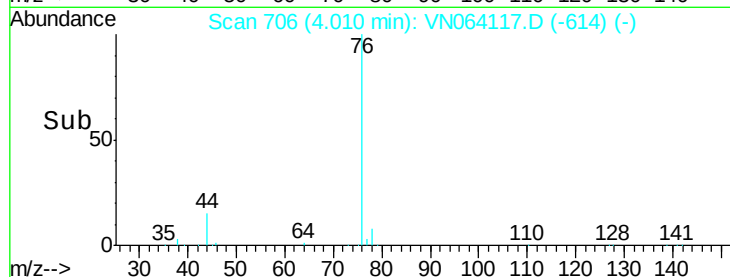
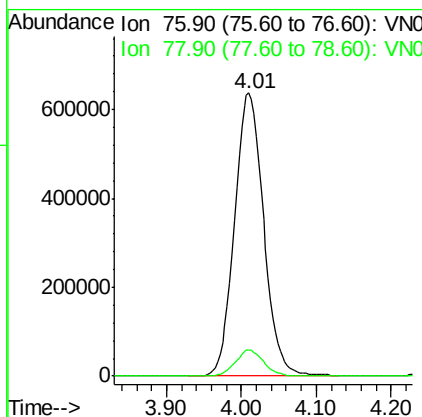
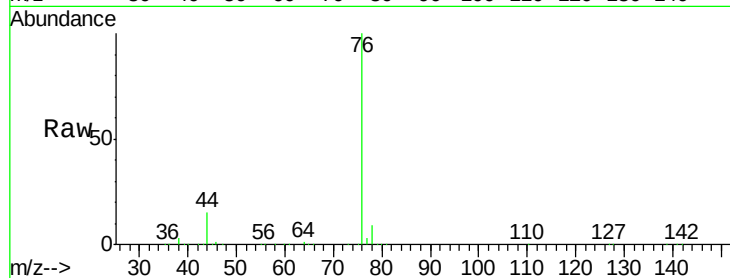
#17
Carbon Disulfide
Concen: 142.162 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN064117.D
Acq: 14 Oct 2020 16:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 76 Resp: 1724332
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4

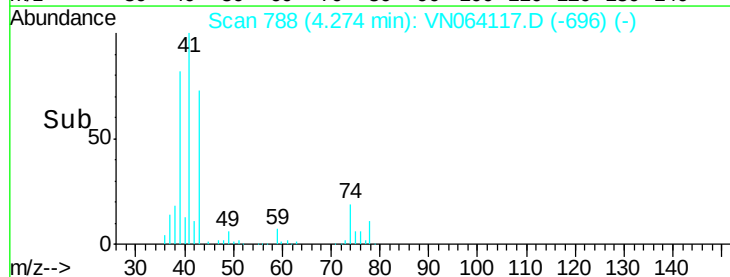
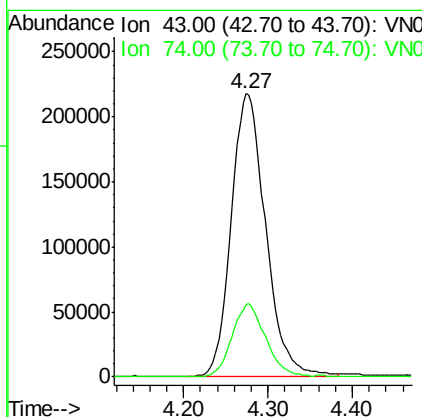
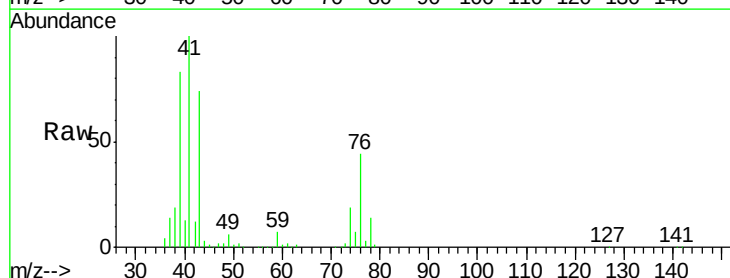
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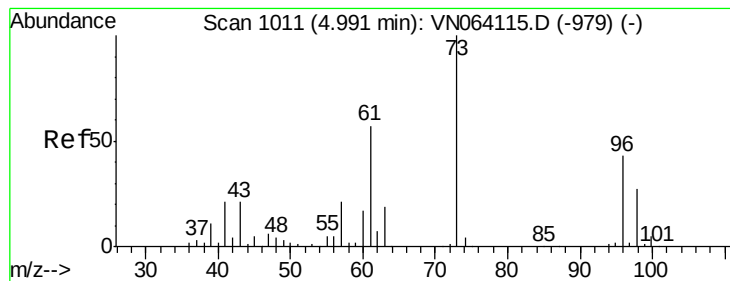
MMDadoda
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#18
Methyl Acetate
Concen: 117.594 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN064117.D
Acq: 14 Oct 2020 16:17

Tgt Ion: 43 Resp: 616107
Ion Ratio Lower Upper
43 100
74 25.3 19.7 29.5





#19

Methyl tert-butyl Ether

Concen: 126.802 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

Tot Ion: 73 Resp: 1849740

Ion Ratio Lower Upper

73 100

57 21.2 17.0 25.4

Instrument :

MSVOA_N

ClientSampleId :

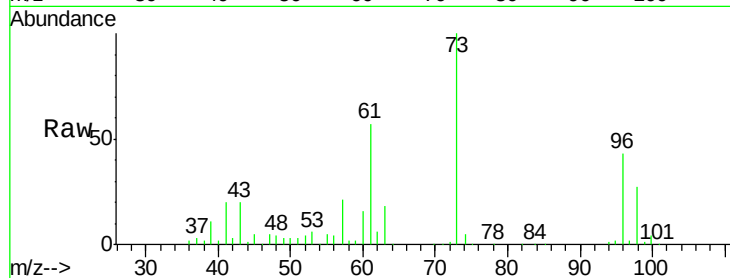
VSTDIC150

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Abundance Ion 73.00 (72.70 to 73.70): VN064117.D (-979) (-)

Ion 57.00 (56.70 to 57.70): VN064117.D (-979) (-)

4.99

500000

400000

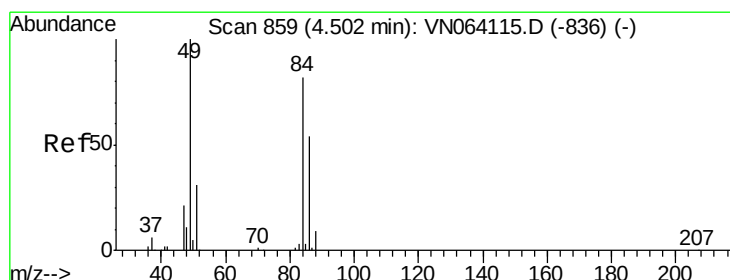
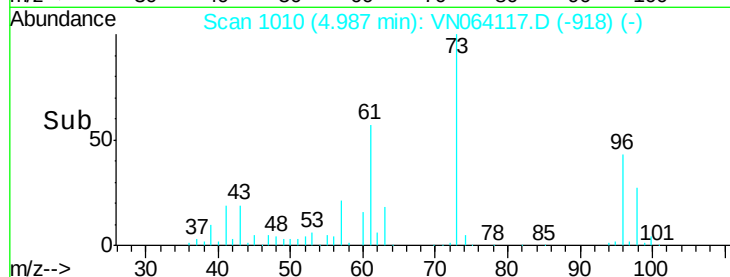
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 137.146 ug/l

RT: 4.50 min Scan# 859

Delta R.T. 0.00 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

Tgt Ion: 84 Resp: 711824

Ion Ratio Lower Upper

84 100

49 119.3 97.4 146.0

51 36.6 29.7 44.5

86 63.6 52.5 78.7

Abundance Ion 83.90 (83.60 to 84.60): VN064117.D (-766) (-)

Ion 48.90 (48.60 to 49.60): VN064117.D (-766) (-)

Ion 50.90 (50.60 to 51.60): VN064117.D (-766) (-)

Ion 85.90 (85.60 to 86.60): VN064117.D (-766) (-)

400000

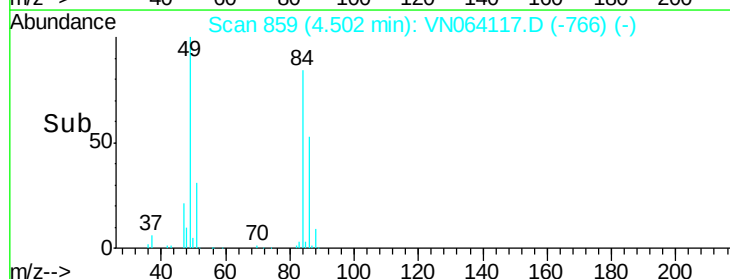
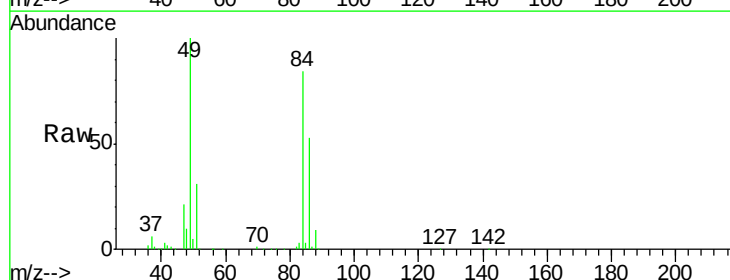
300000

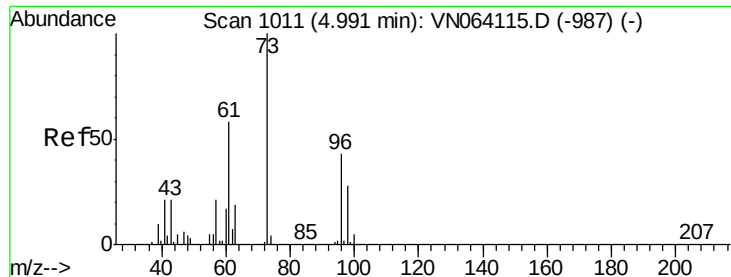
200000

100000

0

Time-->





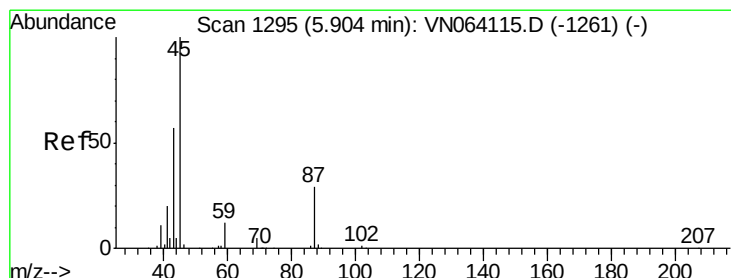
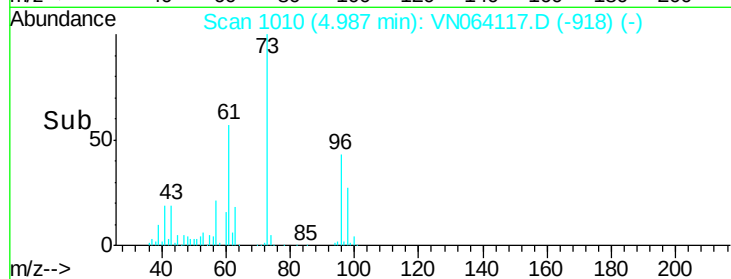
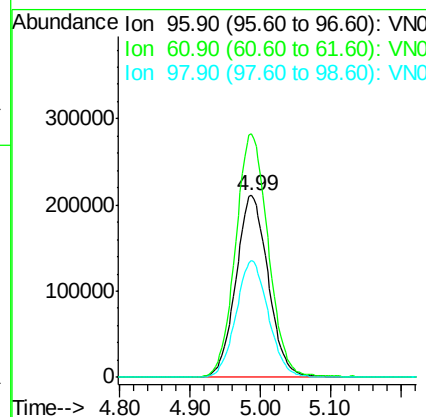
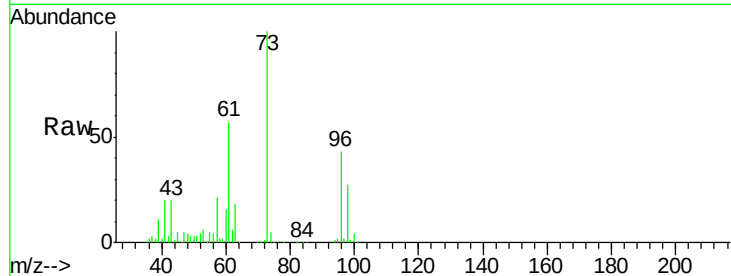
#21
trans-1,2-Dichloroethene
Concen: 144.689 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN064117.D
Acq: 14 Oct 2020 16:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.7	107.0	160.4
98	64.2	51.0	76.6

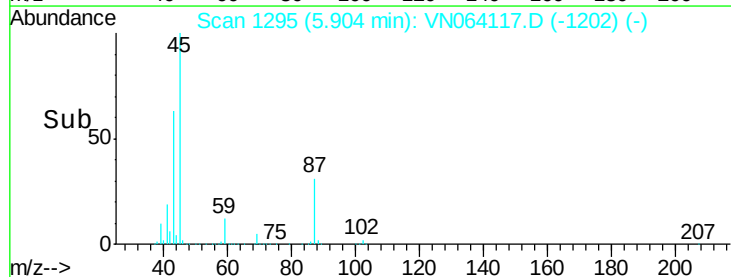
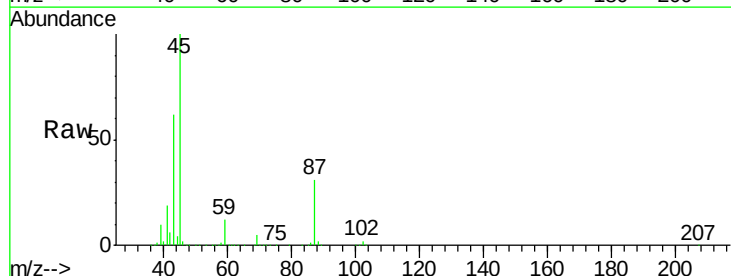
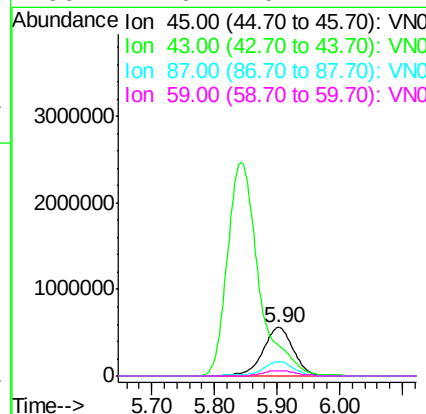
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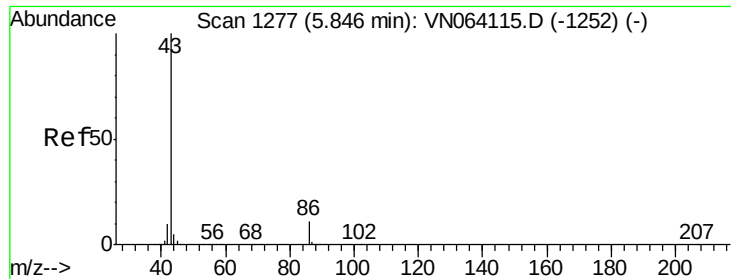
MMDadoda
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#22
Diisopropyl ether
Concen: 124.705 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN064117.D
Acq: 14 Oct 2020 16:17

Tgt Ion	Ratio	Lower	Upper
45	100		
43	62.4	50.9	76.3
87	30.5	23.5	35.3
59	11.9	9.4	14.2





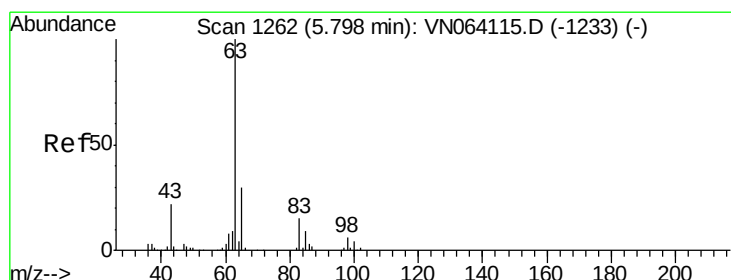
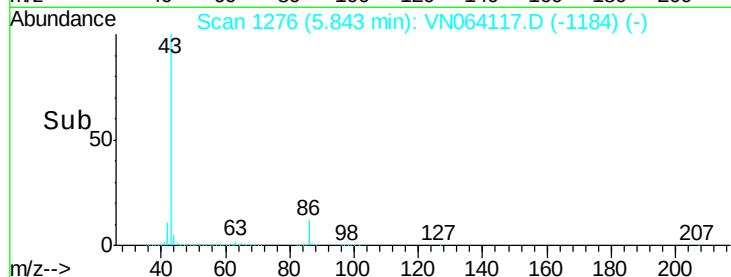
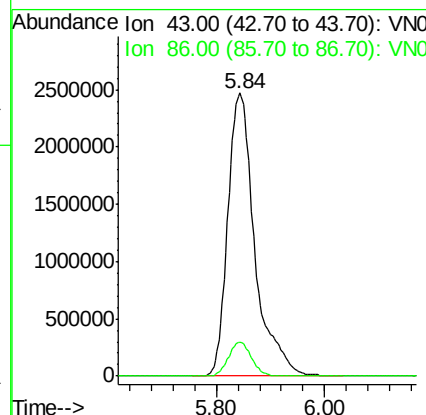
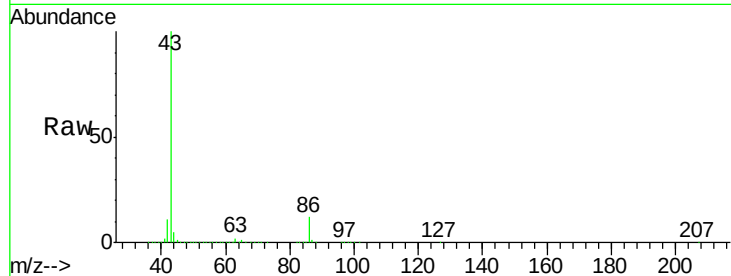
#23
 Vinyl Acetate
 Concen: 671.840 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN064117.D
 Acq: 14 Oct 2020 16:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion: 43 Resp: 8601153
 Ion Ratio Lower Upper
 43 100
 86 12.1 8.8 13.2

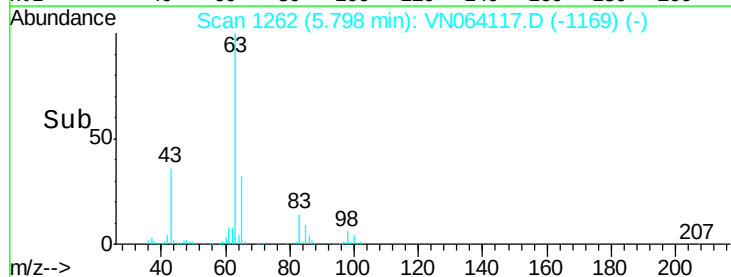
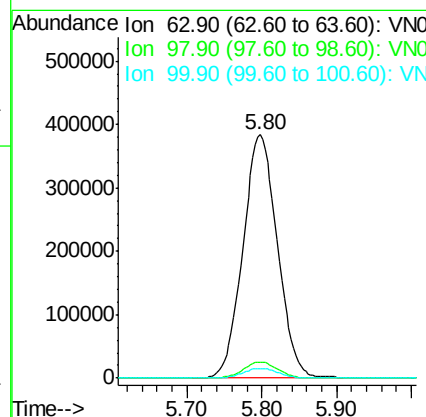
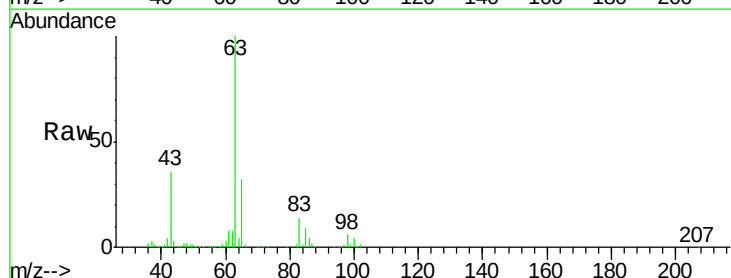
Manual Integrations
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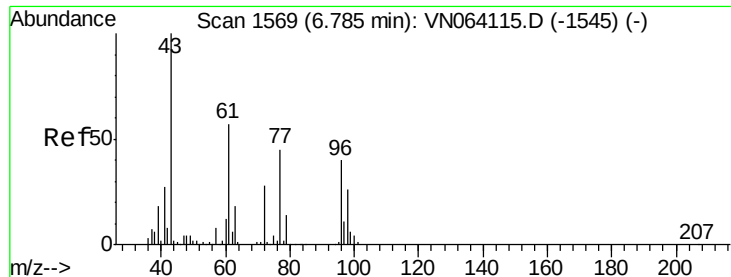
MMDadoda
 10/15/2020 12:17:28 PM



#24
 1,1-Dichloroethane
 Concen: 137.246 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN064117.D
 Acq: 14 Oct 2020 16:17

Tgt Ion: 63 Resp: 1229525
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.1 9.3
 100 4.0 2.1 6.2





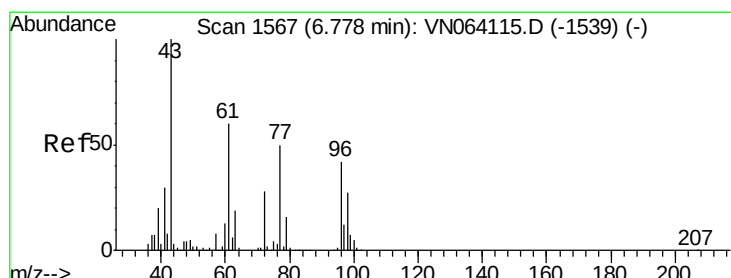
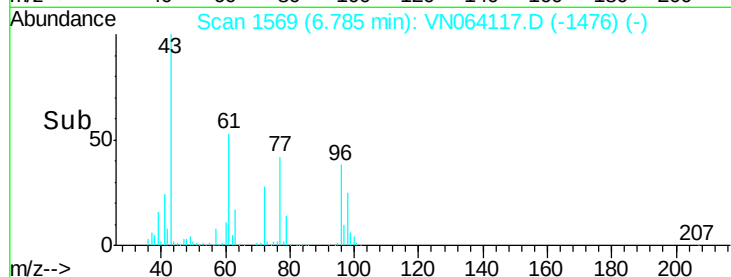
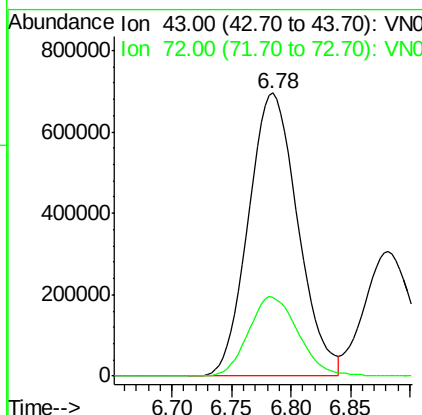
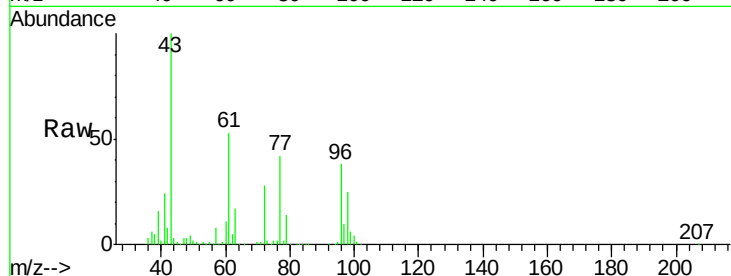
#25
2-Butanone
Concen: 689.540 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN064117.D
Acq: 14 Oct 2020 16:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 1995024
Ion Ratio Lower Upper
43 100
72 27.8 22.2 33.2

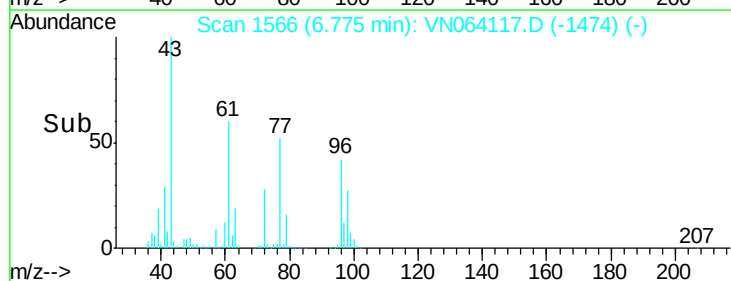
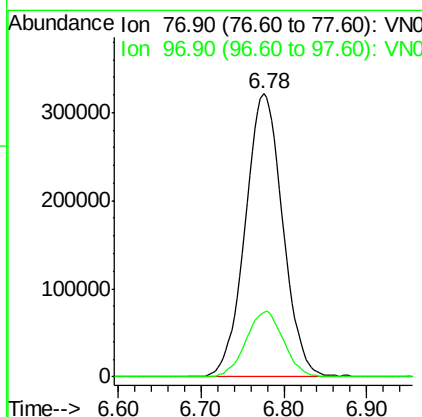
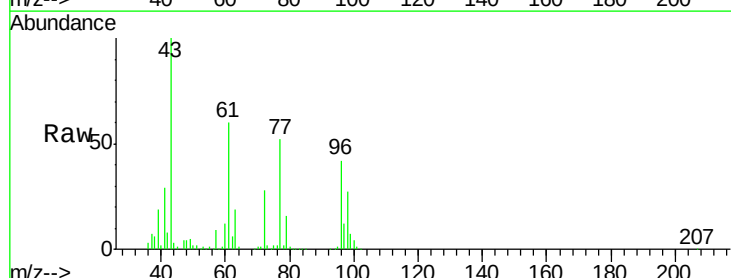
Manual Integrations
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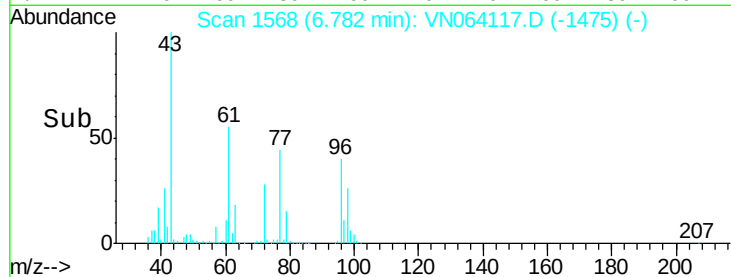
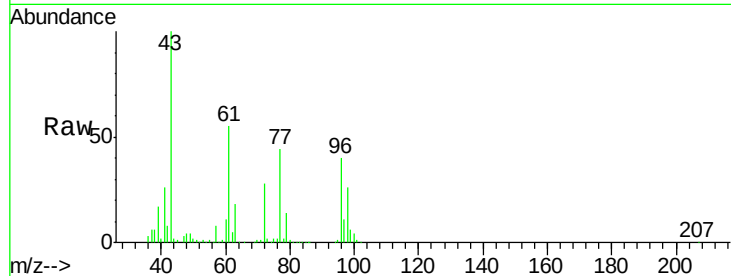
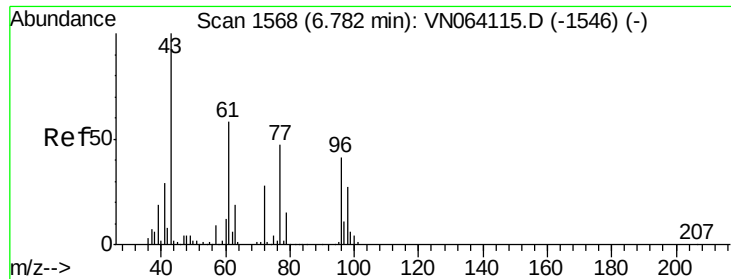
MMDadoda
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#26
2,2-Dichloropropane
Concen: 125.183 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VN064117.D
Acq: 14 Oct 2020 16:17

Tgt Ion: 77 Resp: 1009816
Ion Ratio Lower Upper
77 100
97 23.2 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 147.725 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064117.D

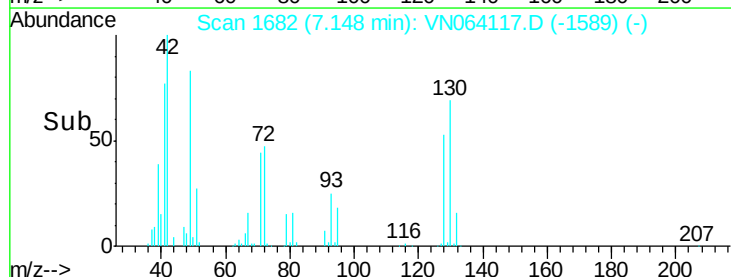
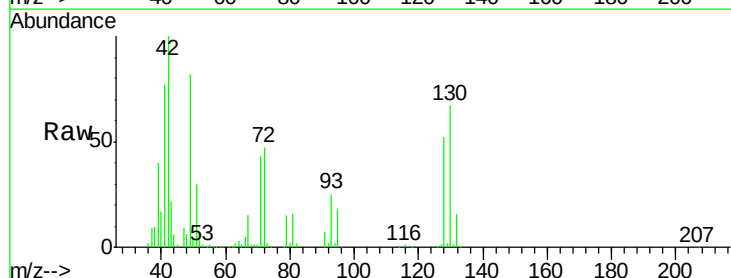
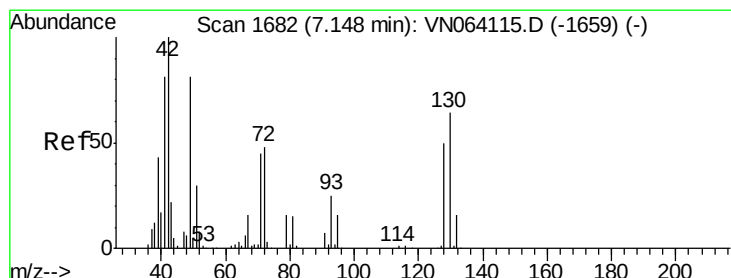
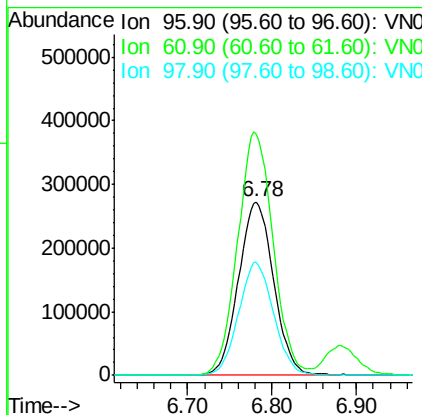
Acq: 14 Oct 2020 16:17

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	141.6	0.0	285.6	
98	64.9	0.0	131.0	

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

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#28

Bromochloromethane

Concen: 143.383 ug/l

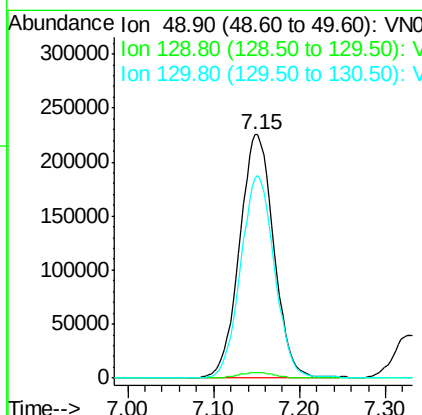
RT: 7.15 min Scan# 1682

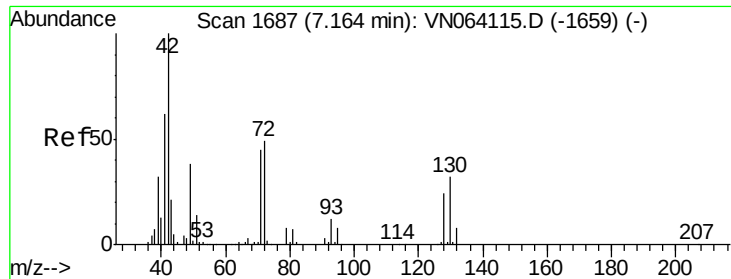
Delta R.T. 0.00 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.4	0.0	2.0#	
130	81.9	0.0	0.0#	





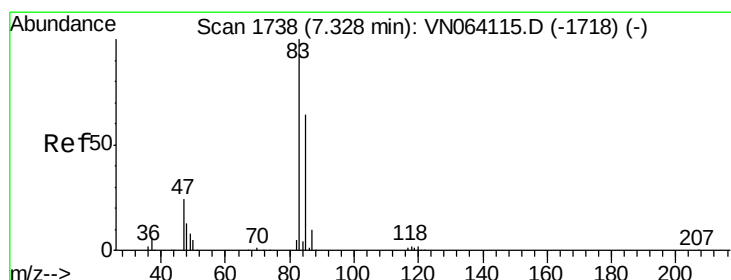
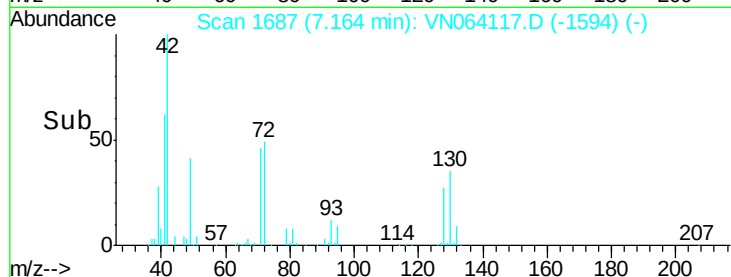
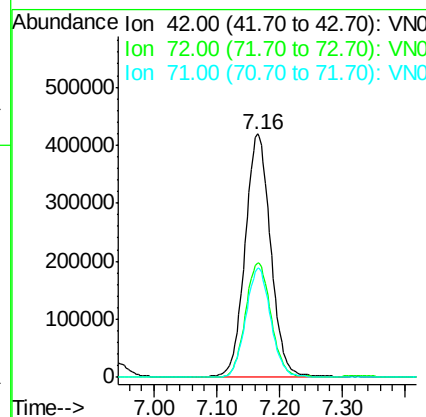
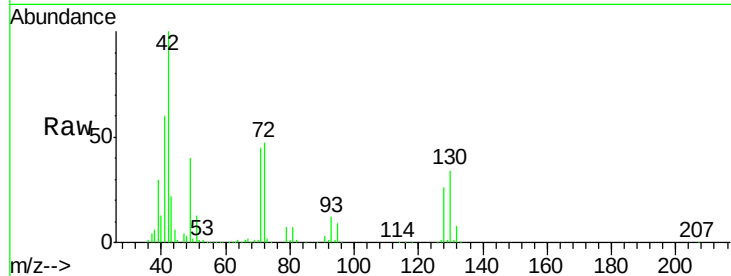
#29
Tetrahydrofuran
Concen: 618.633 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN064117.D
Acq: 14 Oct 2020 16:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 42 Resp: 1183627
Ion Ratio Lower Upper
42 100
72 47.0 37.8 56.6
71 44.1 35.3 52.9

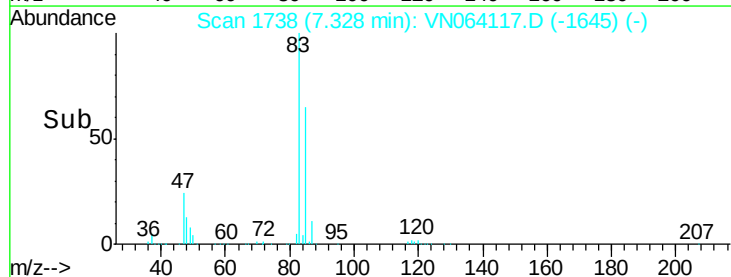
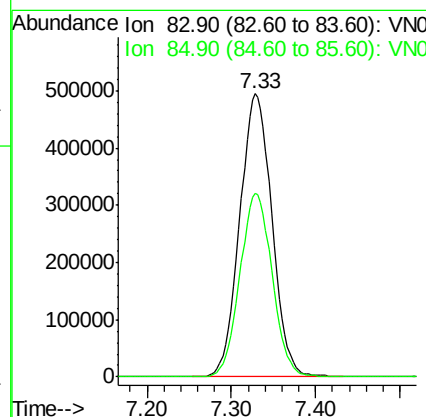
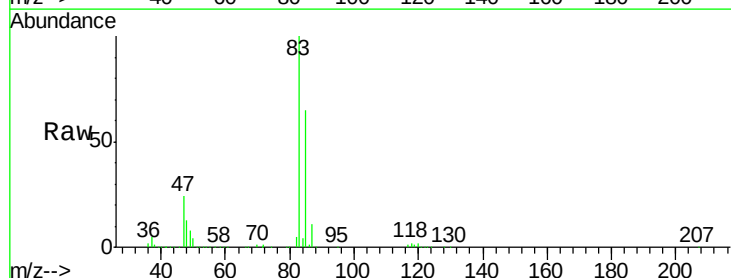
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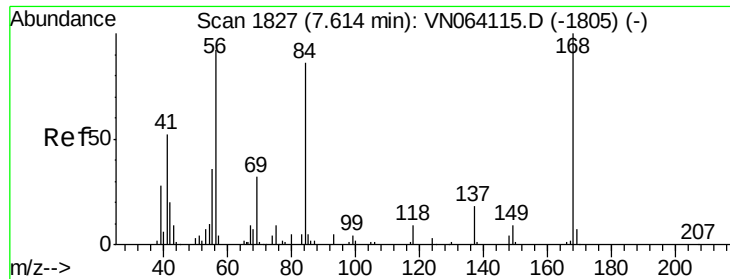
MMDadoda
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#30
Chloroform
Concen: 140.040 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064117.D
Acq: 14 Oct 2020 16:17

Tgt Ion: 83 Resp: 1316194
Ion Ratio Lower Upper
83 100
85 64.9 51.5 77.3





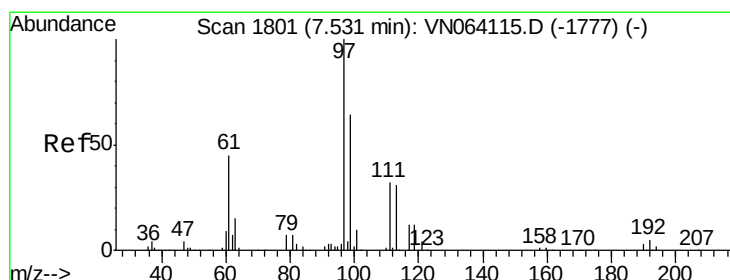
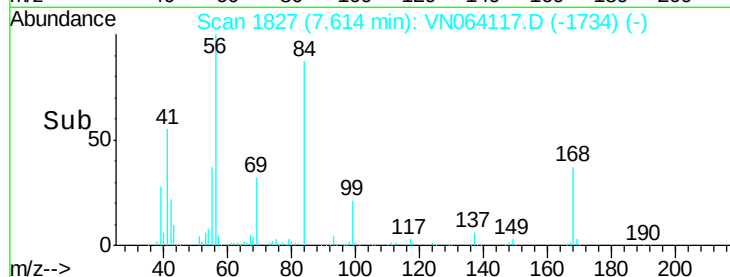
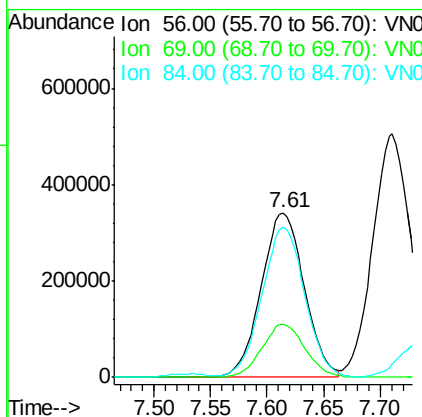
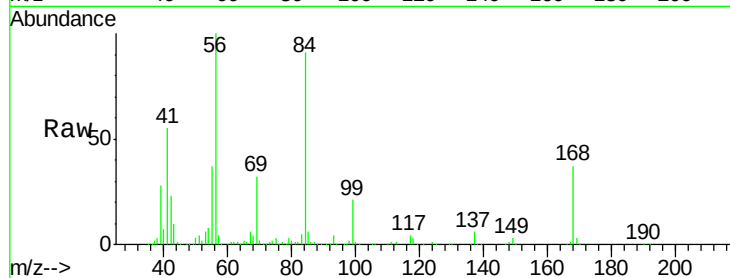
#31
Cyclohexane
Concen: 118.259 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN064117.D
Acq: 14 Oct 2020 16:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.0	27.8	41.6
84	89.2	73.2	109.8

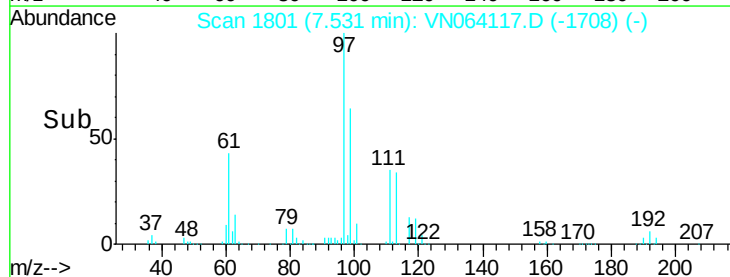
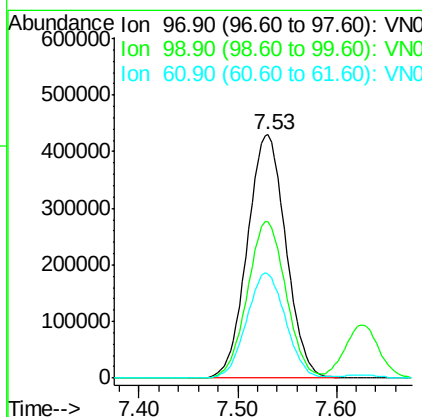
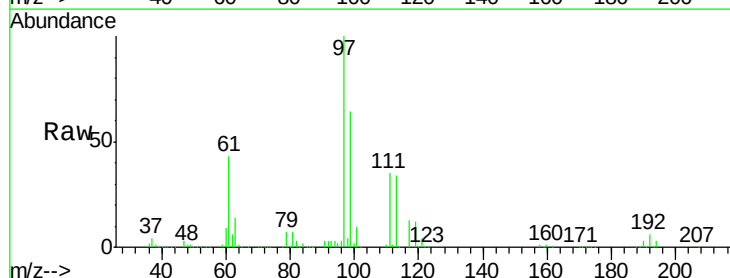
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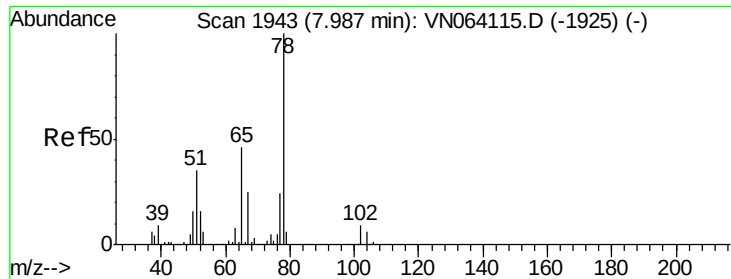
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#32
1,1,1-Trichloroethane
Concen: 137.849 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN064117.D
Acq: 14 Oct 2020 16:17

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	50.2	75.2
61	43.5	35.6	53.4





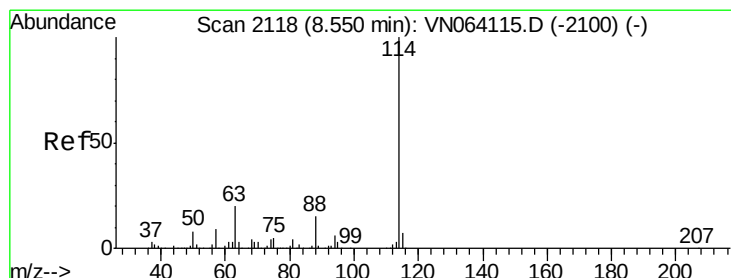
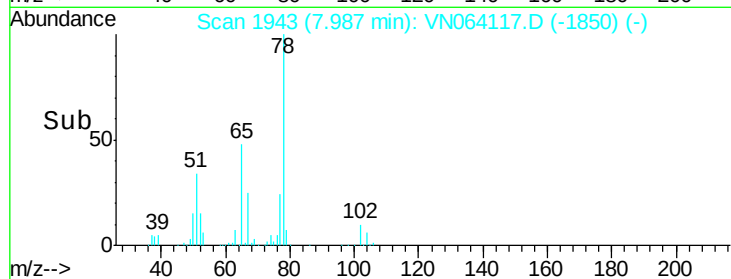
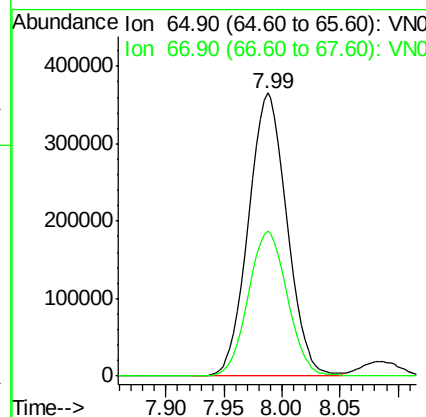
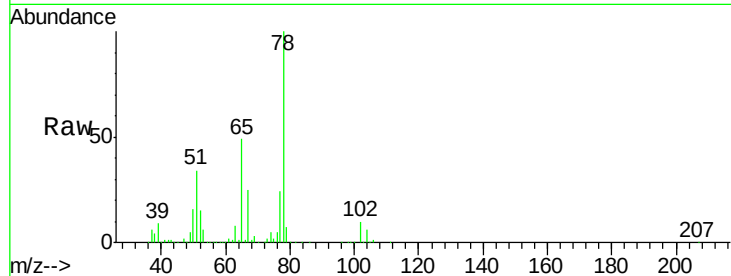
#33
 1,2-Dichloroethane-d4
 Concen: 129.142 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064117.D
 Acq: 14 Oct 2020 16:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
65	100	844844		
67	52.2	0.0	105.6	

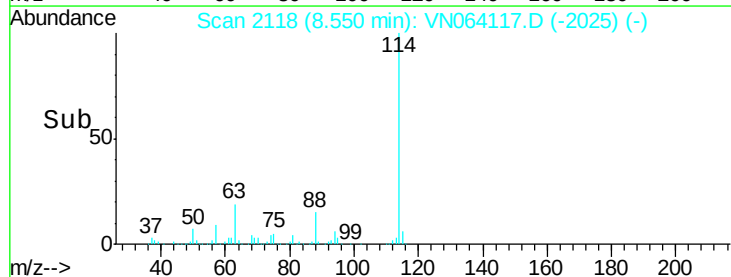
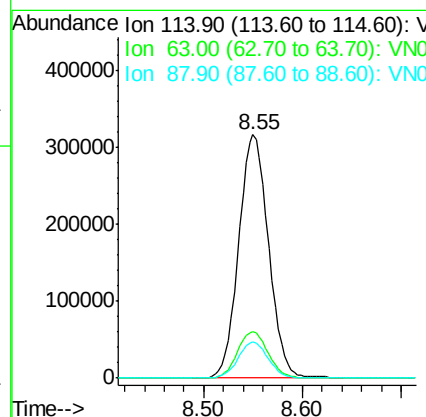
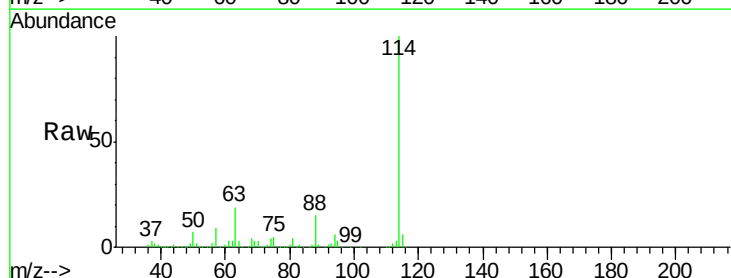
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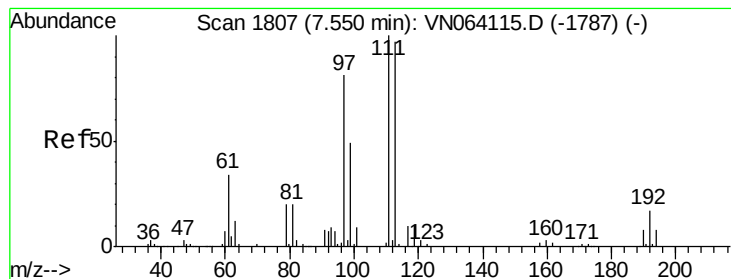
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064117.D
 Acq: 14 Oct 2020 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	664392		
63	19.2	0.0	41.0	
88	14.9	0.0	29.2	





#35

Dibromofluoromethane

Concen: 152.185 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

Instrument :

MSVOA_N

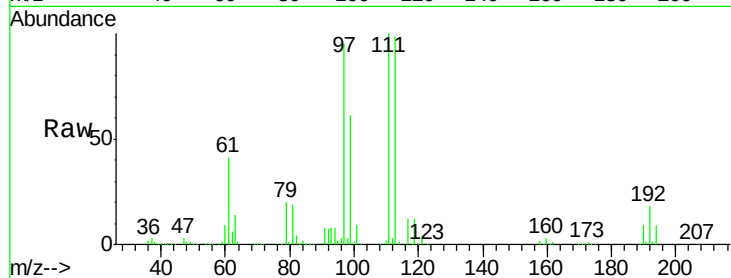
ClientSampleId :

VSTDIC150

Tot Ion:	113	Resp:	696624
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.9	122.9
192	18.8	14.3	21.5

Manual Integrations
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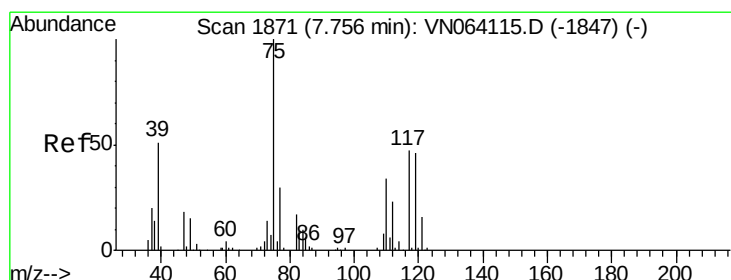
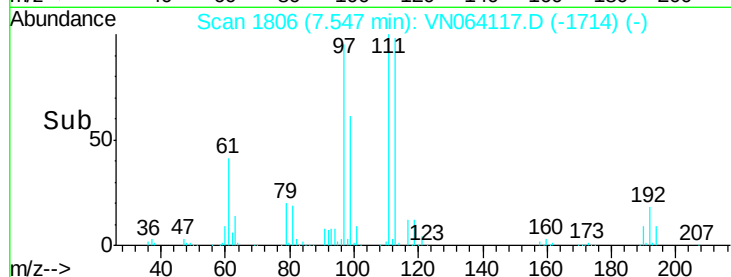
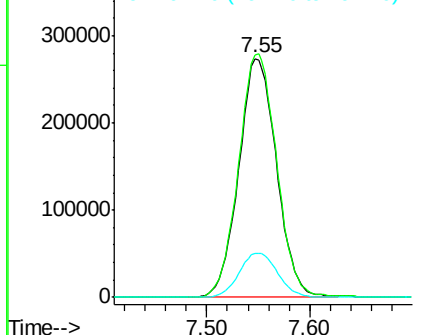
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Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 144.705 ug/l

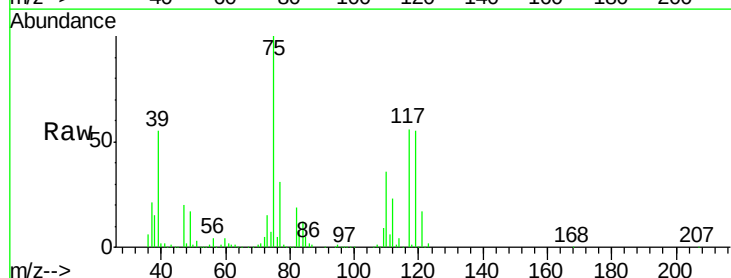
RT: 7.75 min Scan# 1870

Delta R.T. -0.00 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

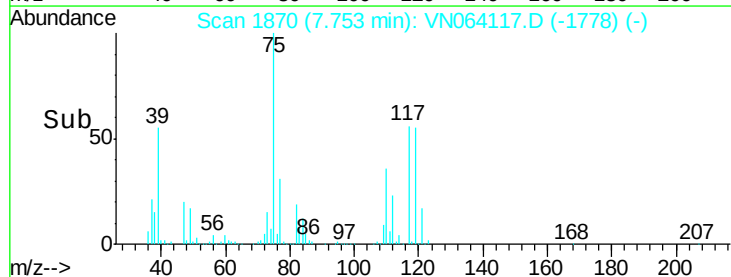
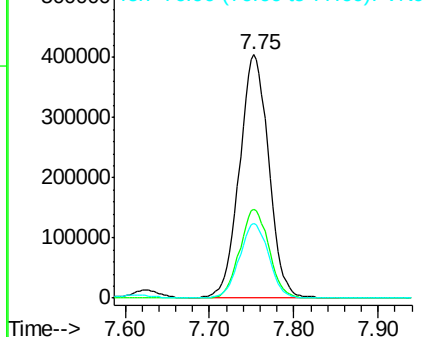
Tgt Ion:	75	Resp:	972240
Ion	Ratio	Lower	Upper
75	100		
110	36.5	17.8	53.3
77	31.0	24.9	37.3

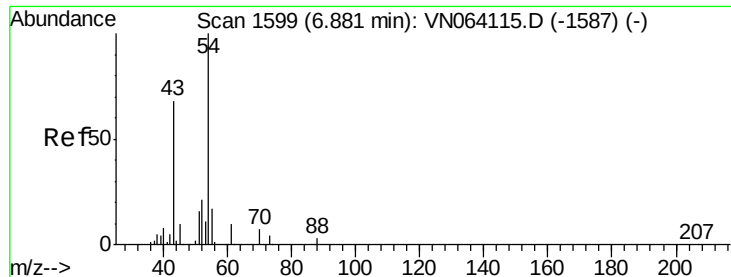


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





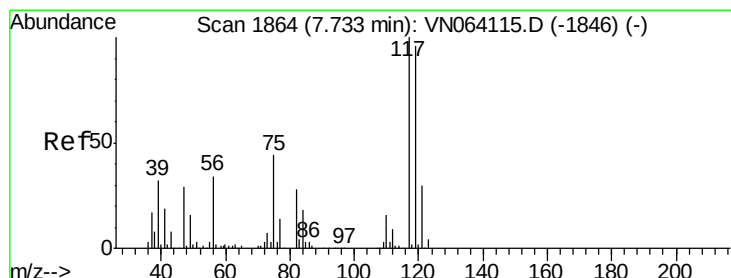
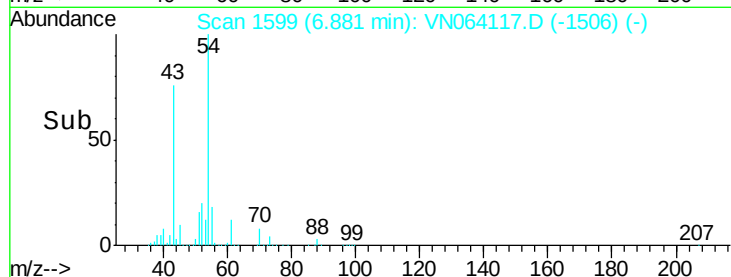
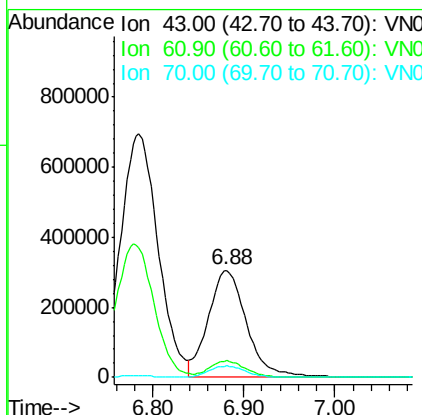
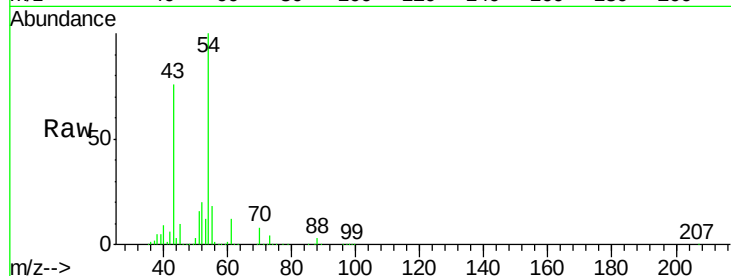
#37
Ethyl Acetate
Concen: 133.099 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN064117.D
Acq: 14 Oct 2020 16:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.3	16.9
70	10.4	7.7	11.5

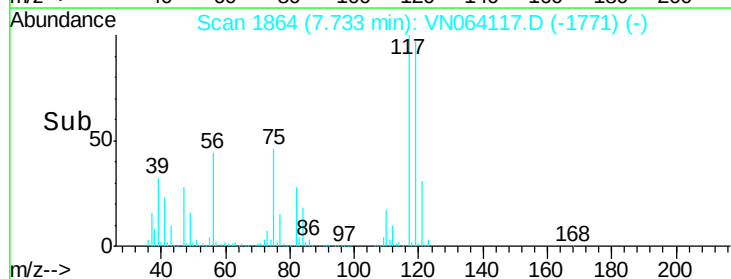
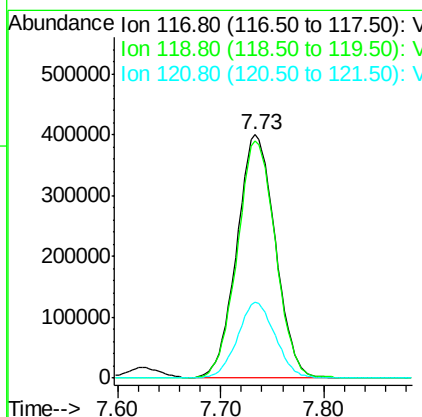
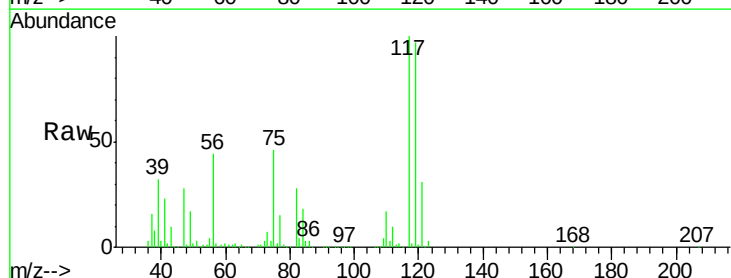
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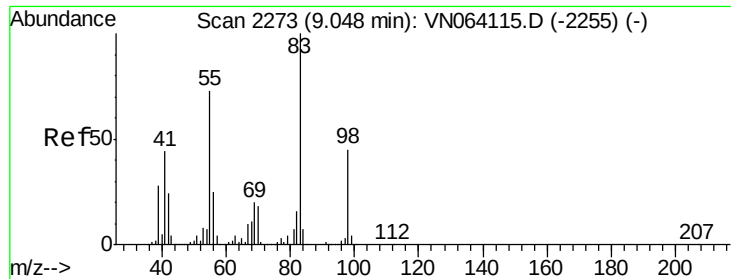
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#38
Carbon Tetrachloride
Concen: 138.003 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064117.D
Acq: 14 Oct 2020 16:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	77.0	115.4
121	31.4	24.2	36.4





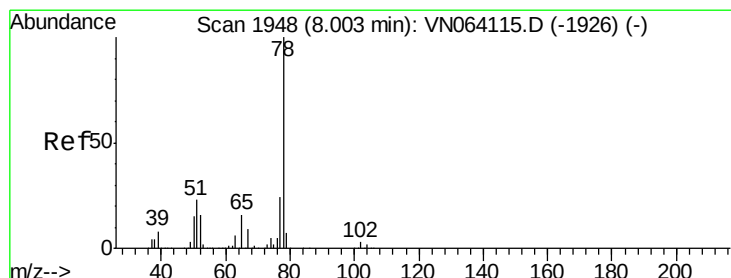
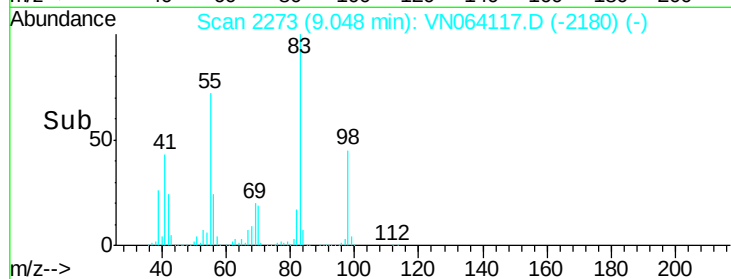
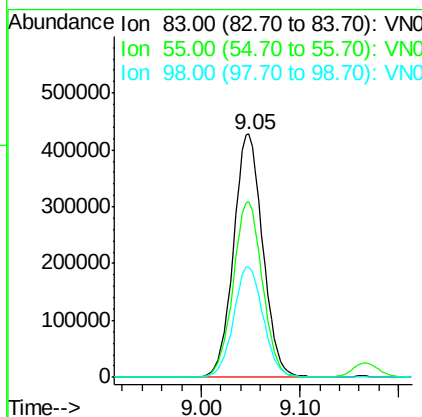
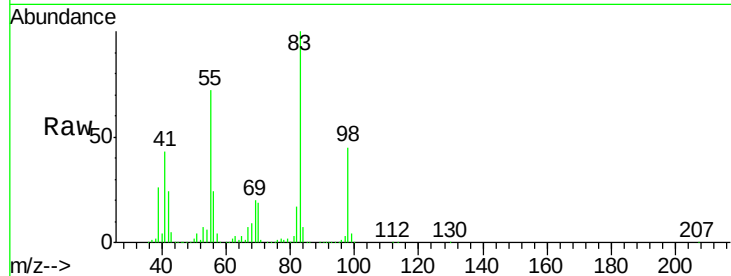
#39
Methylvlcyclohexane
Concen: 134.657 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064117.D
Acq: 14 Oct 2020 16:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
83	100	880308		
55	72.2		58.5	87.7
98	45.5		36.2	54.2

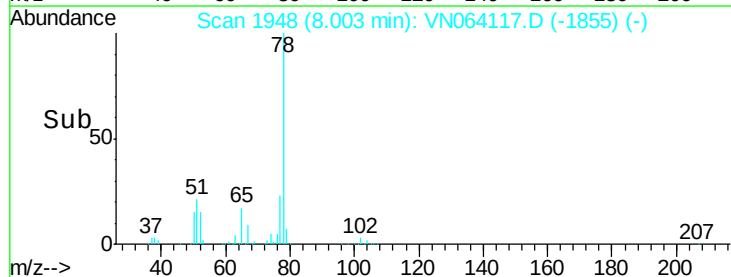
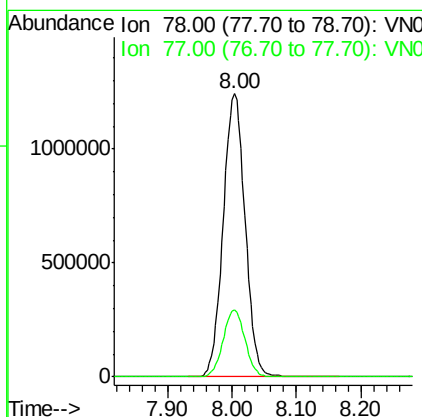
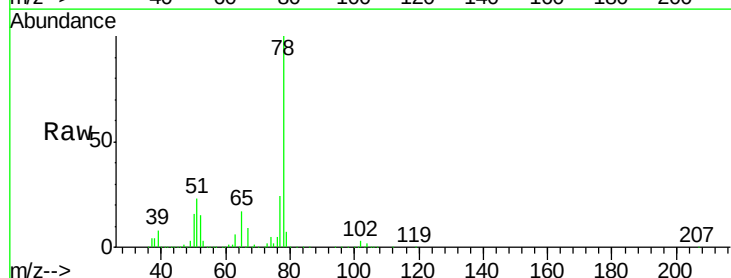
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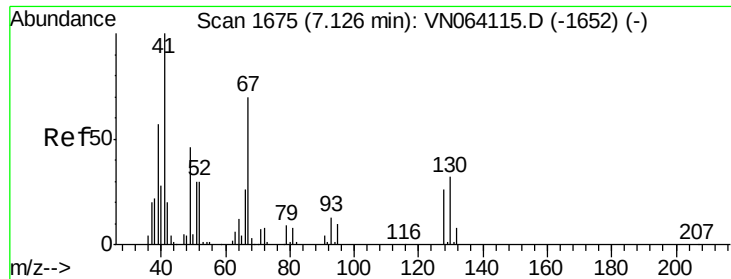
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#40
Benzene
Concen: 151.636 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064117.D
Acq: 14 Oct 2020 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	2939575		
77	23.6		19.3	28.9





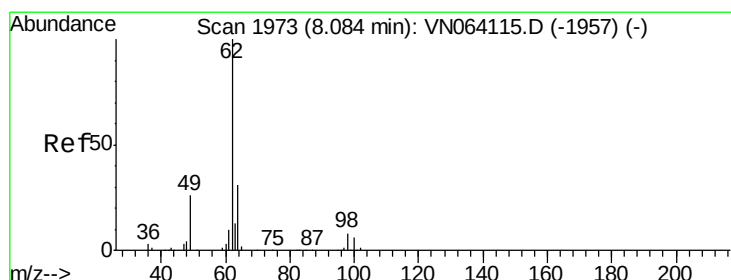
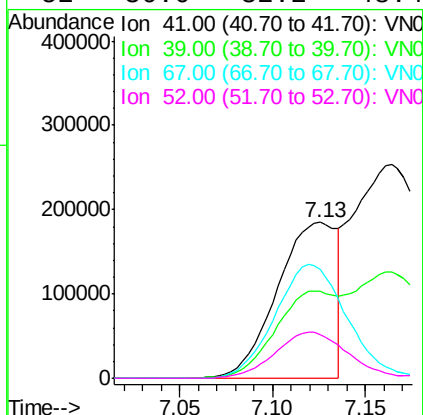
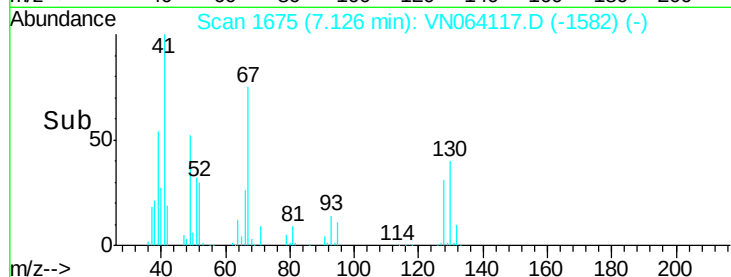
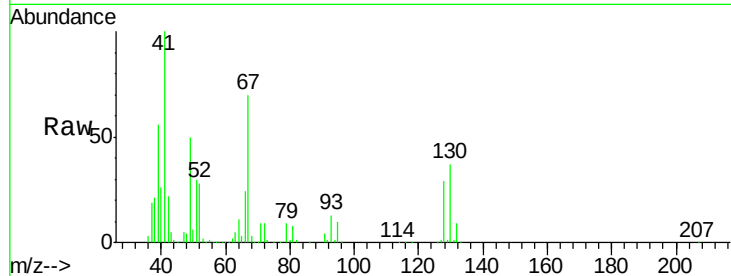
#41
Methacrylonitrile
Concen: 144.184 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. 0.00 min
Lab File: VN064117.D
Acq: 14 Oct 2020 16:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		411742		
39	56.7	50.7	76.1		
67	89.4	73.8	110.6		
52	36.0	32.2	48.4		

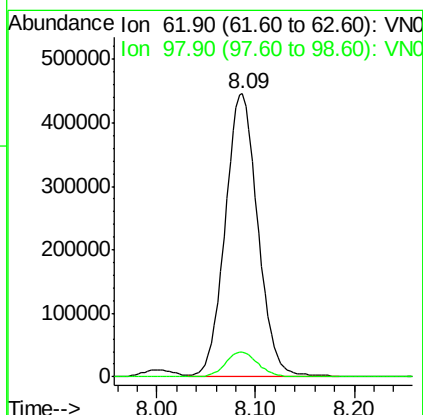
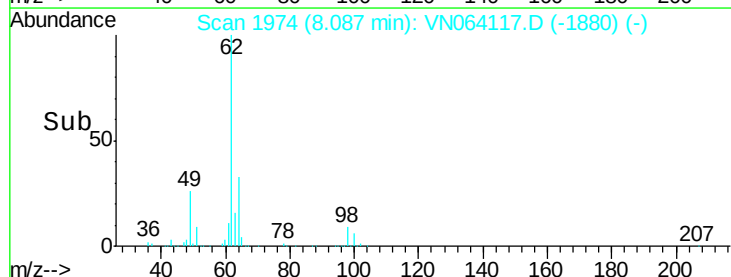
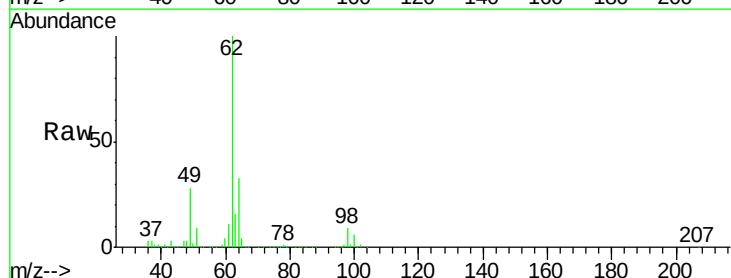
Manual Integrations
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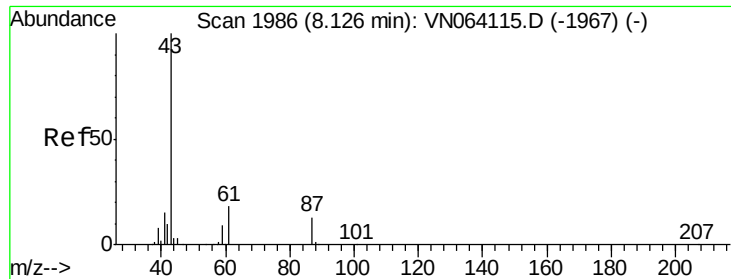
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#42
1,2-Dichloroethane
Concen: 127.273 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064117.D
Acq: 14 Oct 2020 16:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		1025322		
98	8.8	0.0	17.6		





#43

Isopropyl Acetate

Concen: 141.806 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 1521187

Ion Ratio Lower Upper

43 100

61 27.0 21.9 32.9

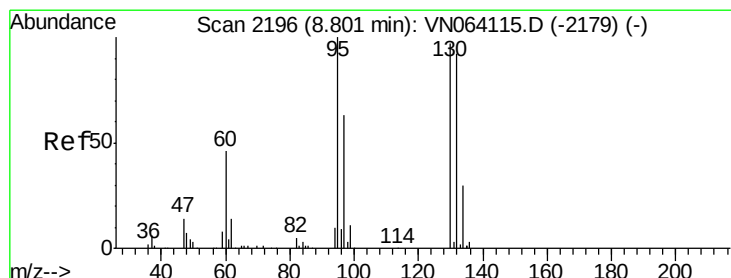
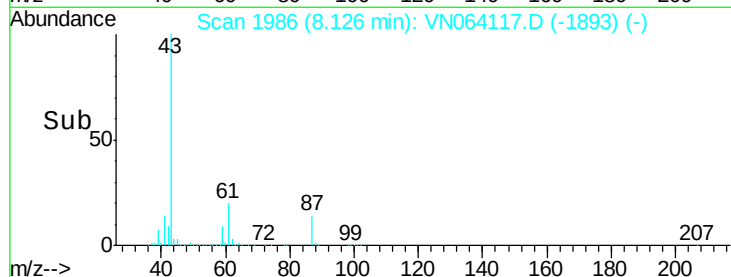
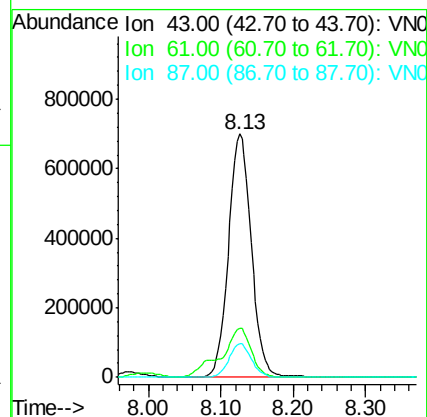
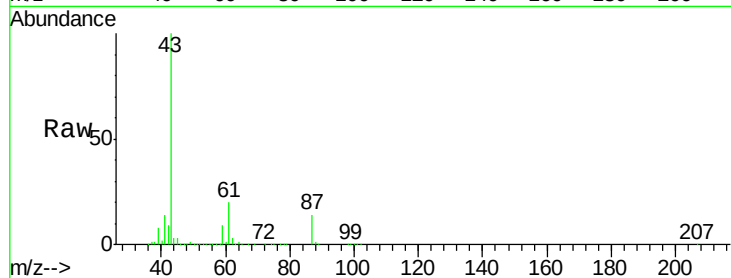
87 13.7 11.0 16.4

Manual Integrations

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10/15/2020 12:17:28 PM



#44

Trichloroethene

Concen: 152.804 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064117.D

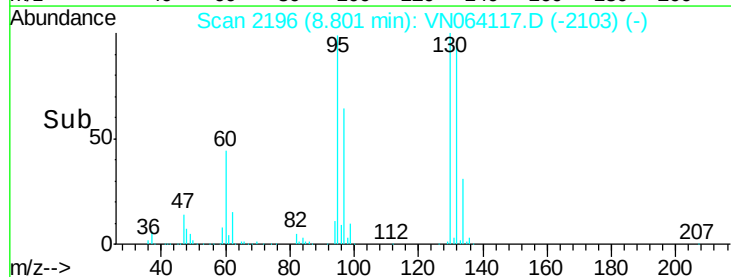
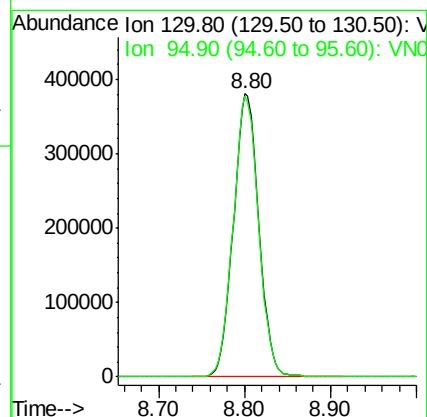
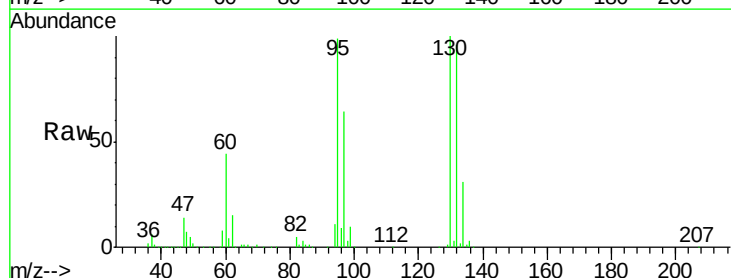
Acq: 14 Oct 2020 16:17

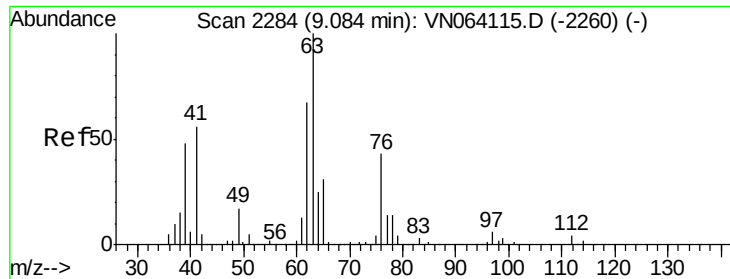
Tgt Ion:130 Resp: 778668

Ion Ratio Lower Upper

130 100

95 99.0 0.0 206.2





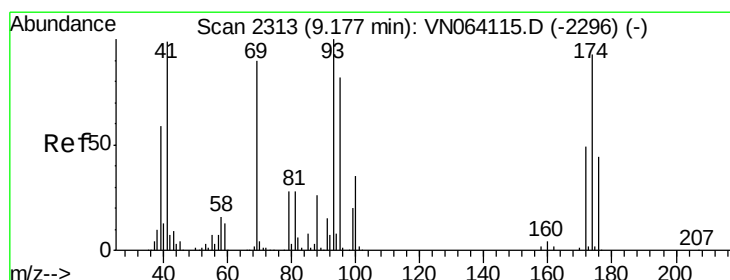
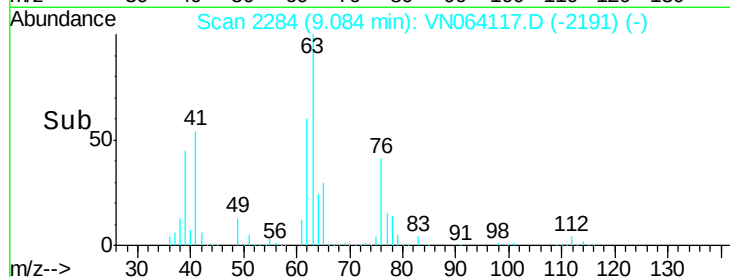
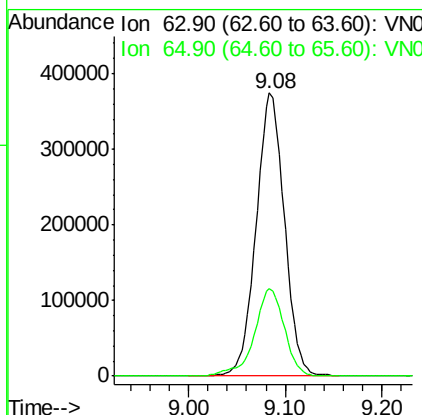
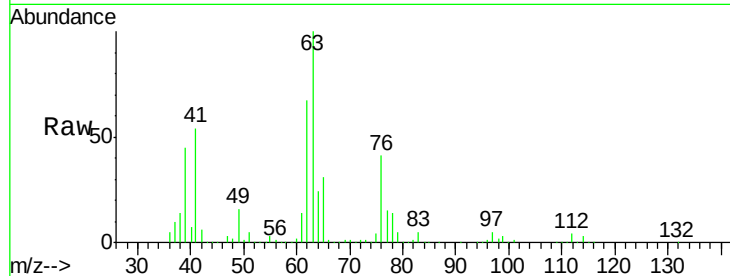
#45
 1,2-Dichloropropane
 Concen: 146.752 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN064117.D
 Acq: 14 Oct 2020 16:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion: 63 Resp: 761021
 Ion Ratio Lower Upper
 63 100
 65 30.9 25.0 37.6

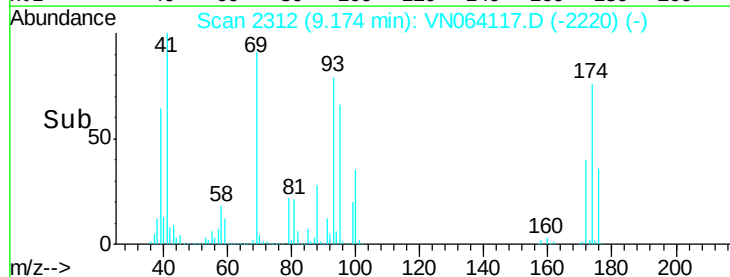
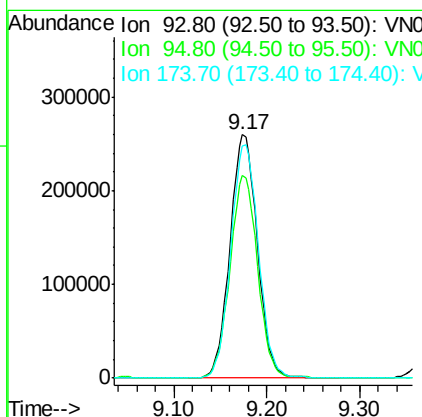
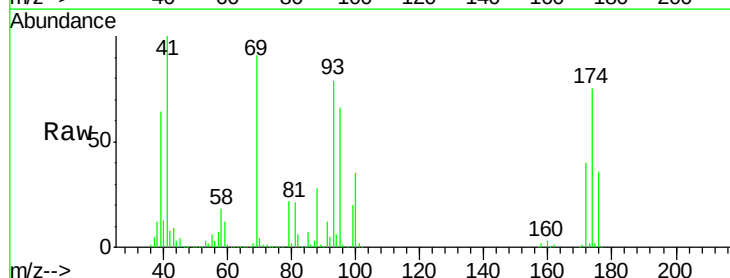
Manual Integrations
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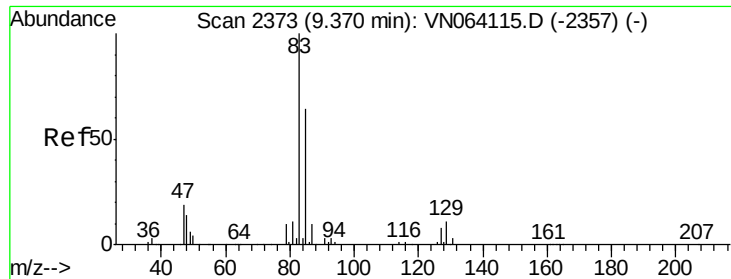
MMDadoda
 10/15/2020 12:17:28 PM



#46
 Dibromomethane
 Concen: 147.960 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN064117.D
 Acq: 14 Oct 2020 16:17

Tgt Ion: 93 Resp: 532191
 Ion Ratio Lower Upper
 93 100
 95 83.5 66.8 100.2
 174 97.1 75.2 112.8





#47

Bromodichloromethane

Concen: 147.624 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 83 Resp: 1086630

Ion Ratio Lower Upper

83 100

85 64.4 50.8 76.2

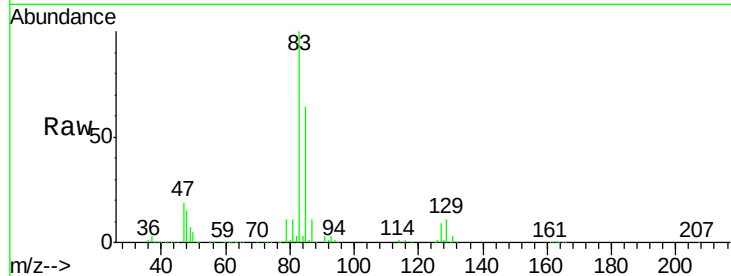
127 8.6 6.6 9.8

Manual Integrations

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MMDadoda

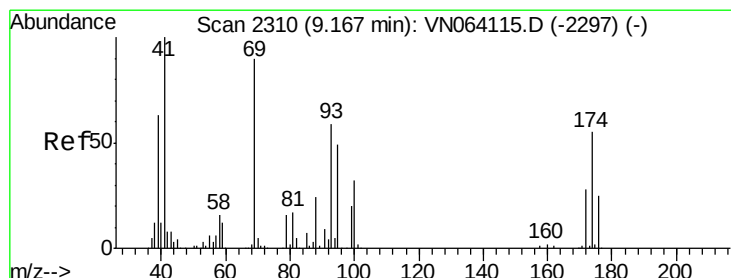
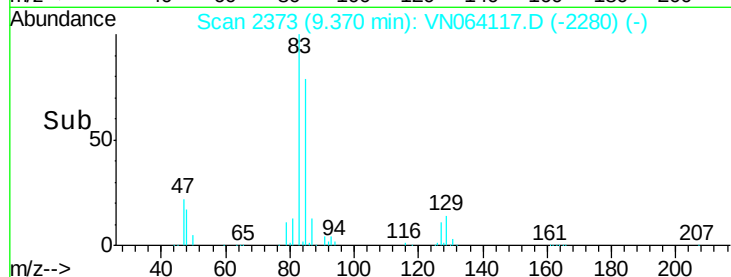
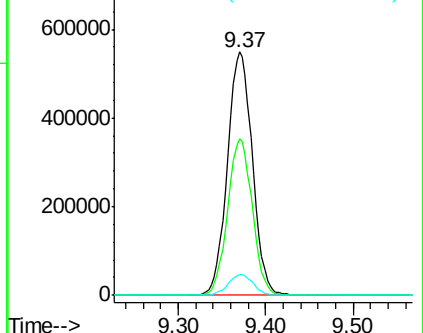
10/15/2020 12:17:28 PM



Abundance Ion 82.90 (82.60 to 83.60): VN064117.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064117.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064117.D (-2280) (-)



#48

Methyl methacrylate

Concen: 138.221 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

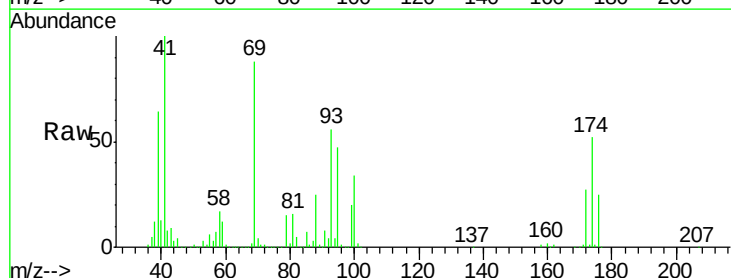
Tgt Ion: 41 Resp: 733625

Ion Ratio Lower Upper

41 100

69 89.6 71.4 107.2

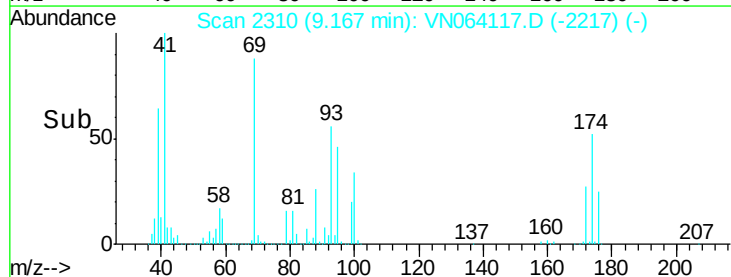
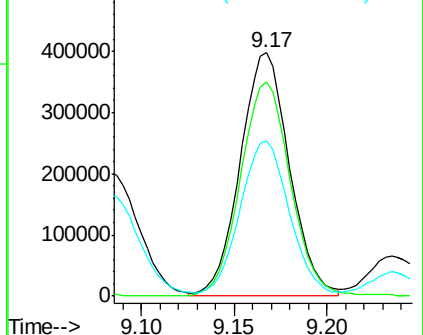
39 63.9 52.5 78.7

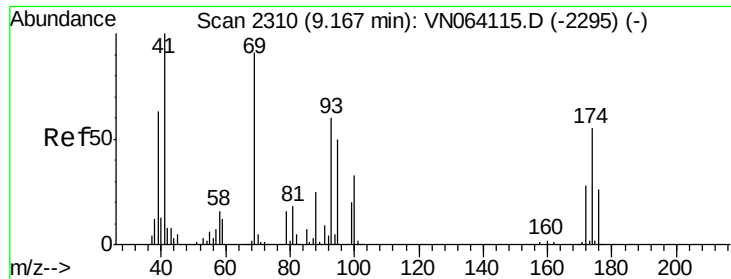


Abundance Ion 41.00 (40.70 to 41.70): VN064117.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN064117.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN064117.D (-2217) (-)





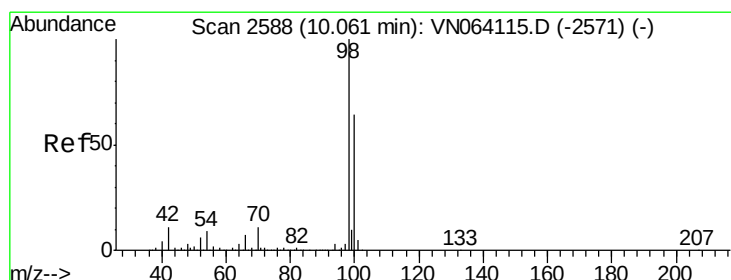
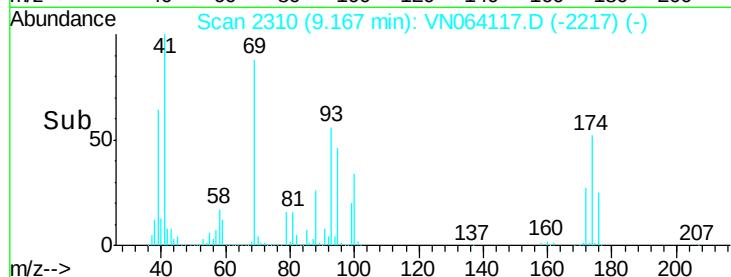
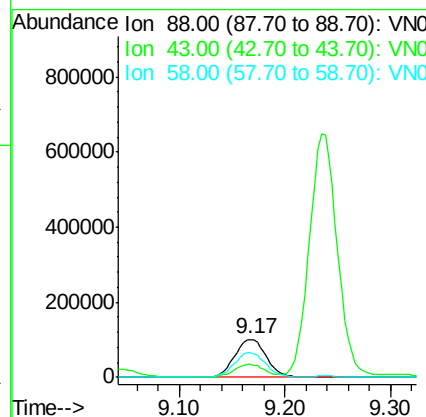
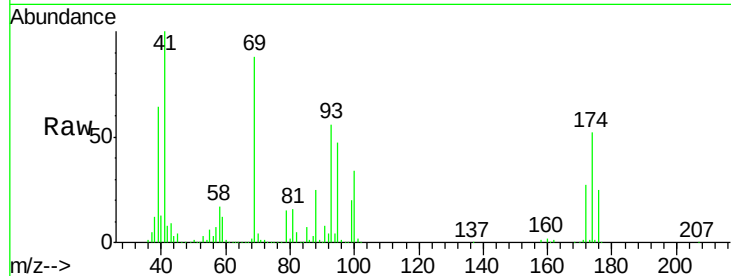
#49
 1,4-Dioxane
 Concen: 2804.337 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN064117.D
 Acq: 14 Oct 2020 16:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	88	Resp	211695
Ion Ratio	Lower	Upper	
88	100		
43	32.4	27.2	40.8
58	64.0	52.6	78.8

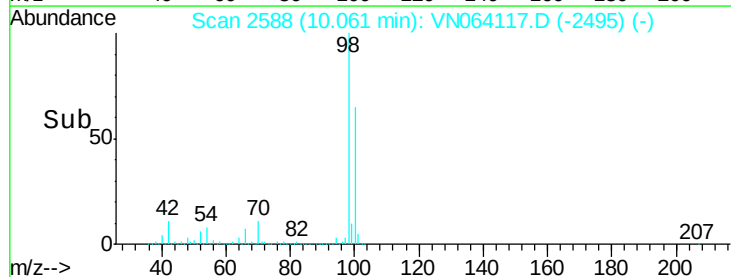
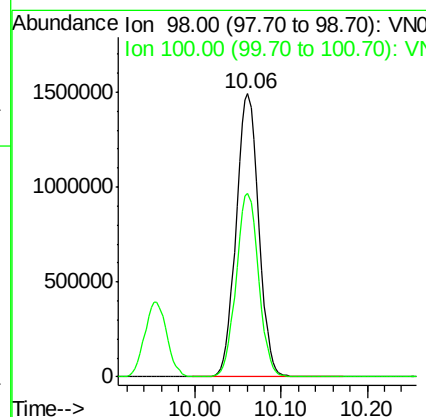
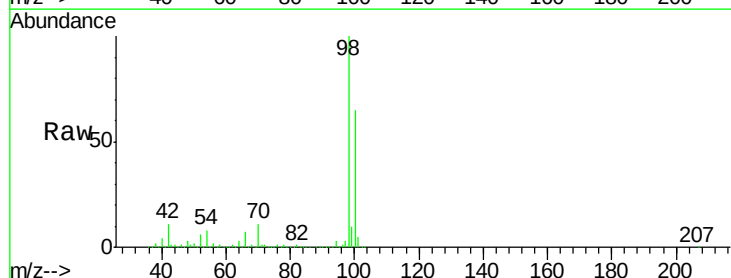
Manual Integrations
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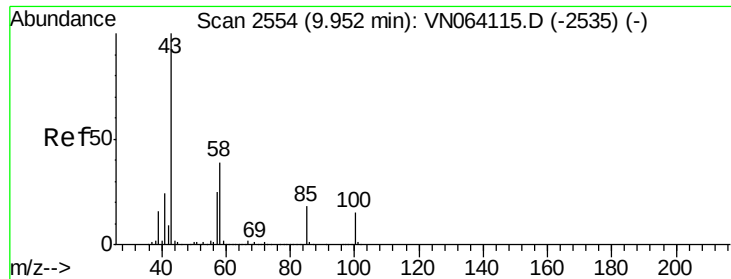
MMDadoda
 10/15/2020 12:17:28 PM



#50
 Toluene-d8
 Concen: 155.681 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. 0.00 min
 Lab File: VN064117.D
 Acq: 14 Oct 2020 16:17

Tgt Ion	98	Resp	2715484
Ion Ratio	Lower	Upper	
98	100		
100	64.4	50.8	76.2





#51

4-Methyl-2-Pentanone

Concen: 691.309 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 4367607

Ion Ratio Lower Upper

43 100

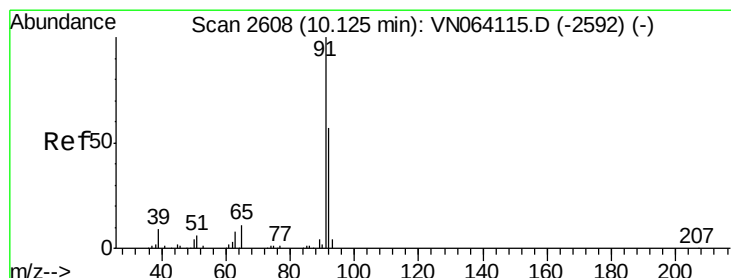
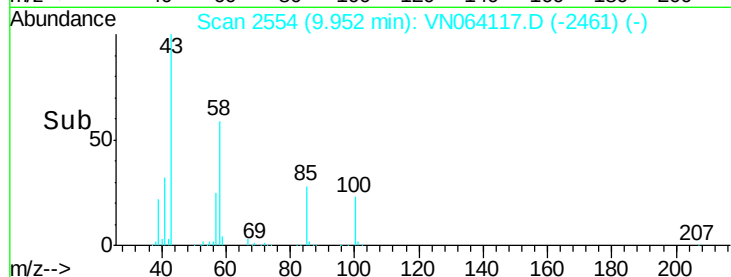
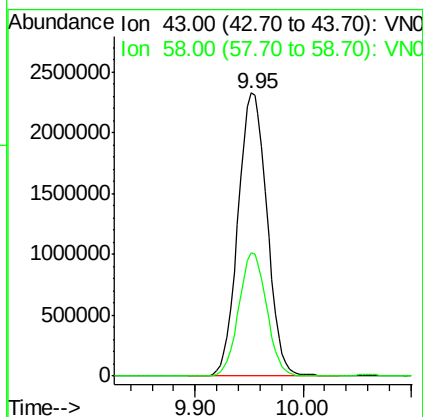
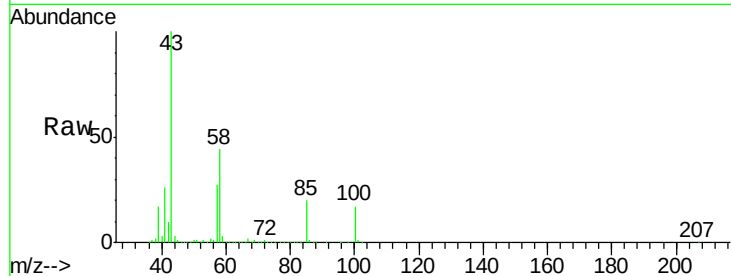
58 41.9 31.2 46.8

Manual Integrations

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#52

Toluene

Concen: 159.634 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064117.D

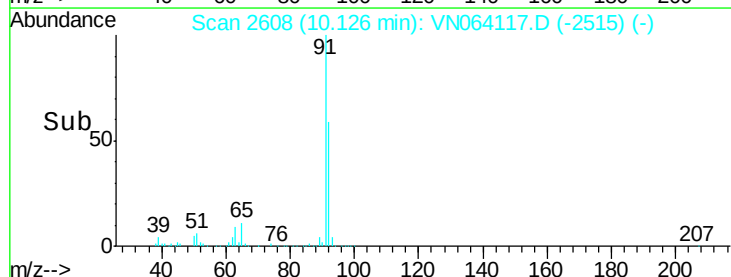
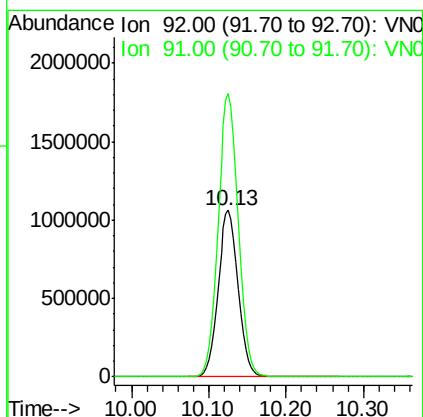
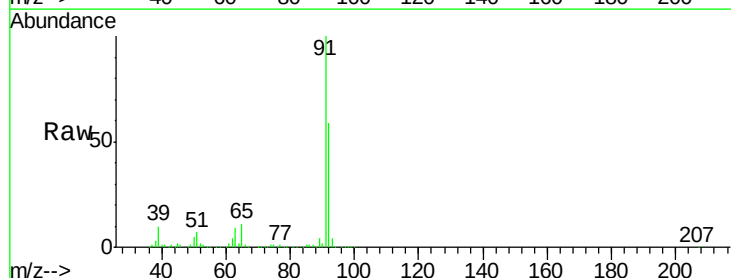
Acq: 14 Oct 2020 16:17

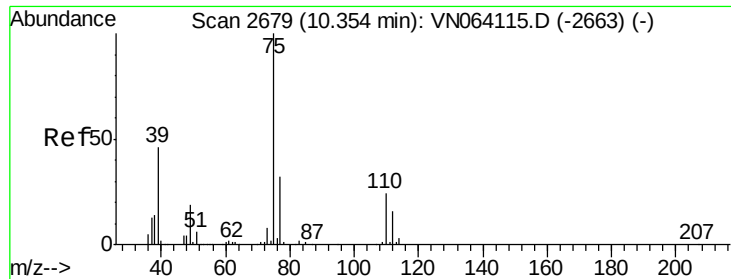
Tgt Ion: 92 Resp: 1914270

Ion Ratio Lower Upper

92 100

91 172.1 141.2 211.8





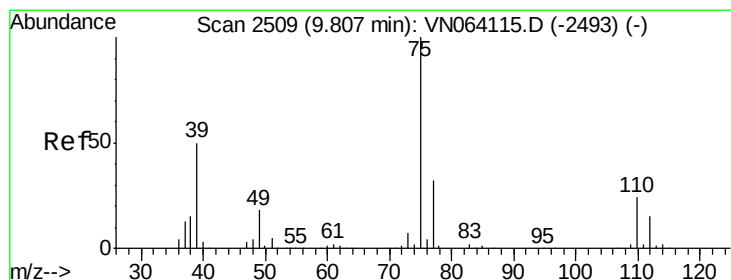
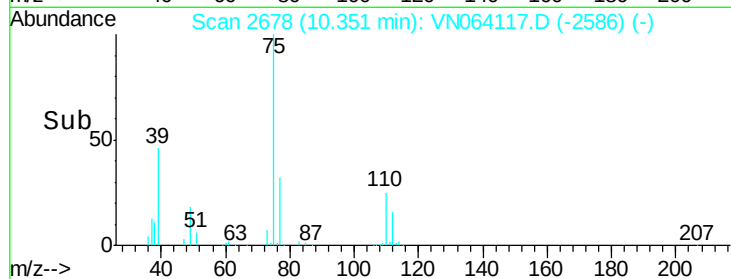
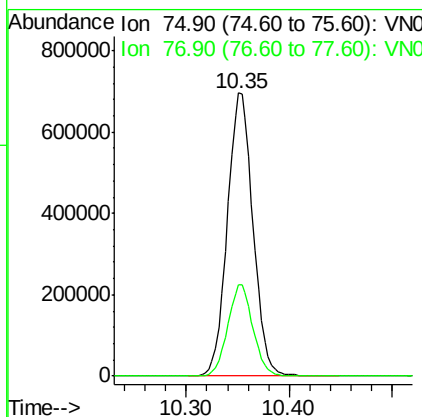
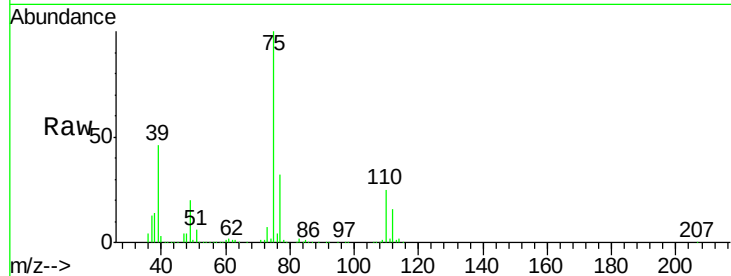
#53
 t-1,3-Dichloropropene
 Concen: 153.979 ug/l
 RT: 10.35 min Scan# 2678
 Delta R.T. -0.00 min
 Lab File: VN064117.D
 Acq: 14 Oct 2020 16:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Tot Ion: 75 Resp: 1207356
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.6 38.4

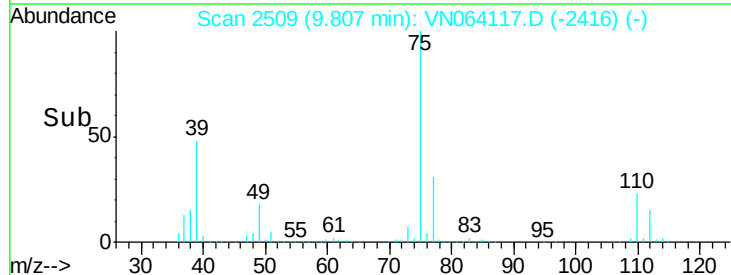
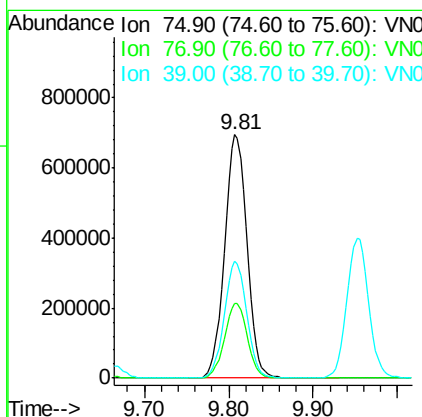
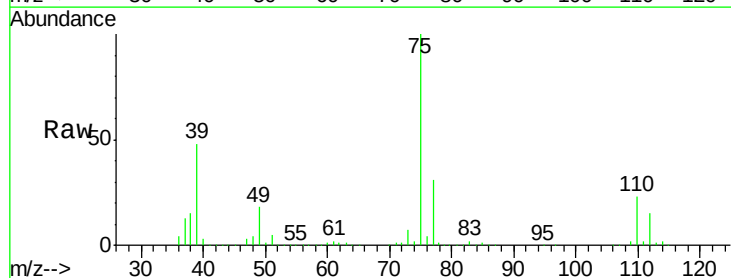
Manual Integrations
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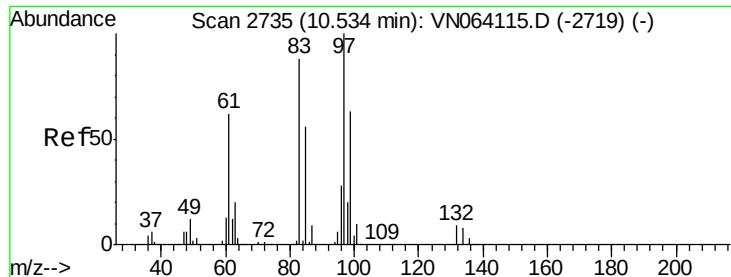
MMDadoda
 10/15/2020 12:17:28 PM



#54
 cis-1,3-Dichloropropene
 Concen: 155.616 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN064117.D
 Acq: 14 Oct 2020 16:17

Tgt Ion: 75 Resp: 1280075
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.2 37.8
 39 47.7 39.8 59.8





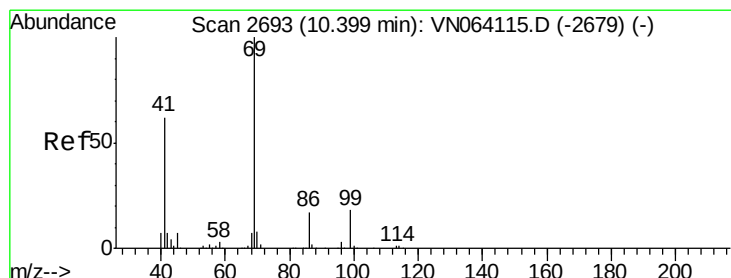
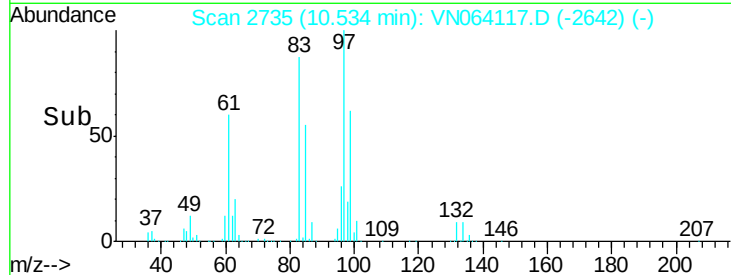
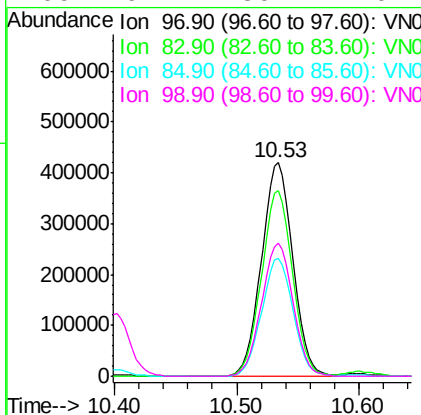
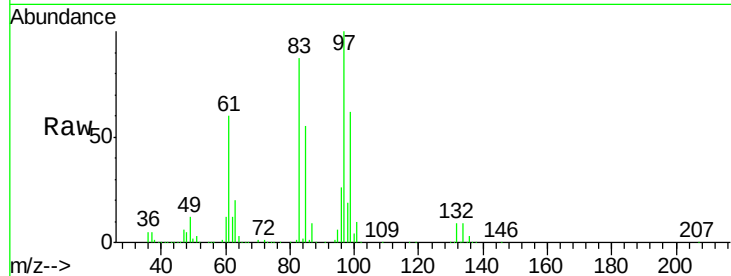
#55
 1,1,2-Trichloroethane
 Concen: 156.235 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064117.D
 Acq: 14 Oct 2020 16:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
97	100		
83	87.0	70.2	105.4
85	55.3	45.0	67.6
99	62.1	50.7	76.1

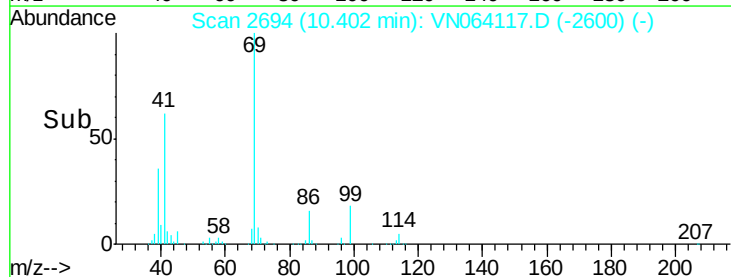
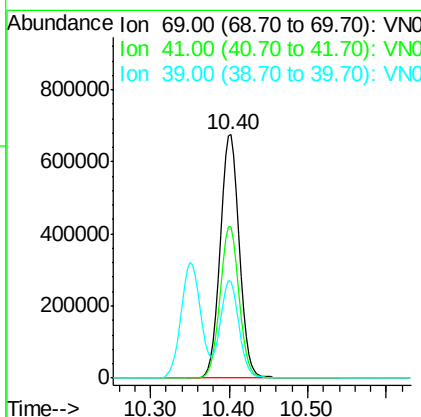
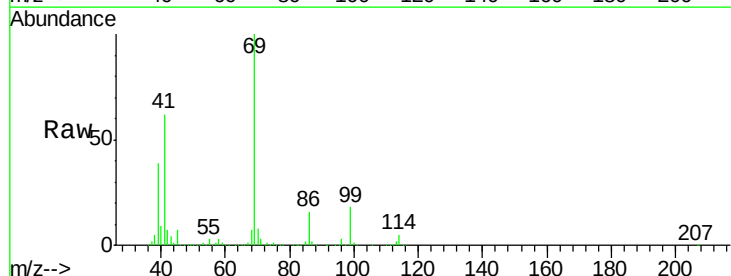
Manual Integrations
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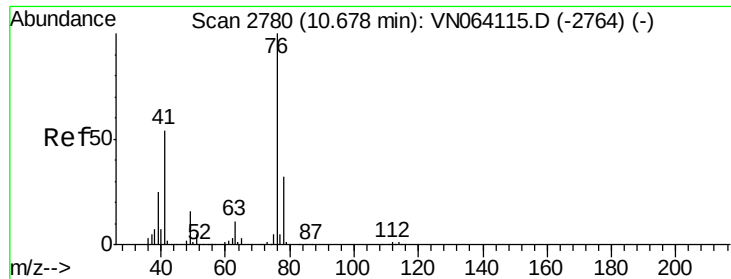
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 167.909 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN064117.D
 Acq: 14 Oct 2020 16:17

Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.3	49.3	73.9
39	39.4	32.7	49.1





#57

1,3-Dichloropropane

Concen: 155.029 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 76 Resp: 1252560

Ion Ratio Lower Upper

76 100

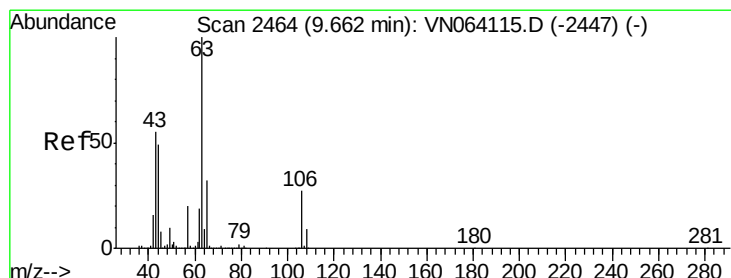
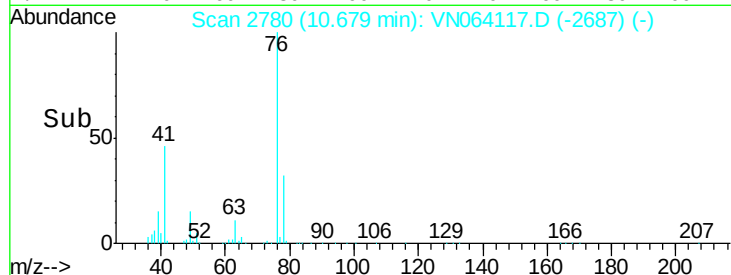
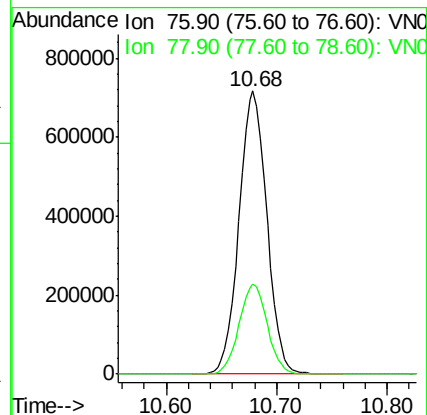
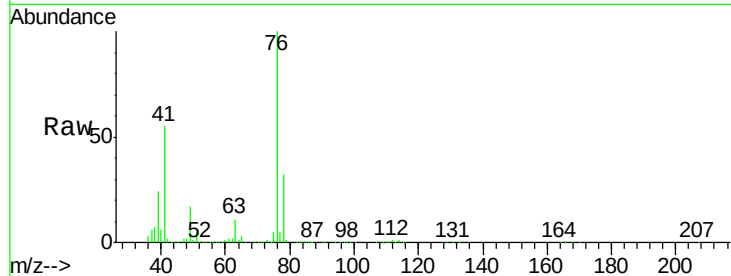
78 32.4 26.1 39.1

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 788.422 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064117.D

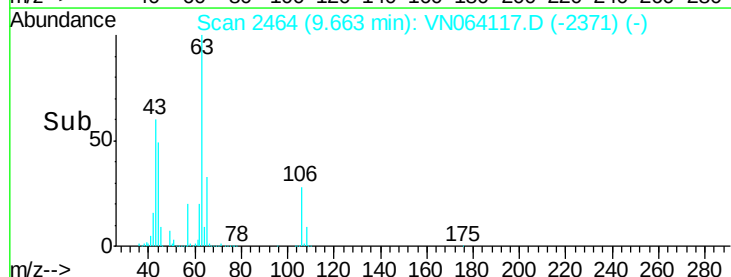
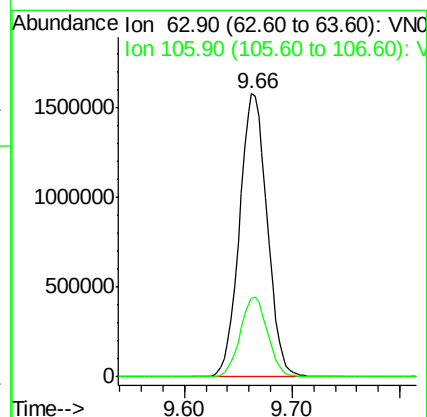
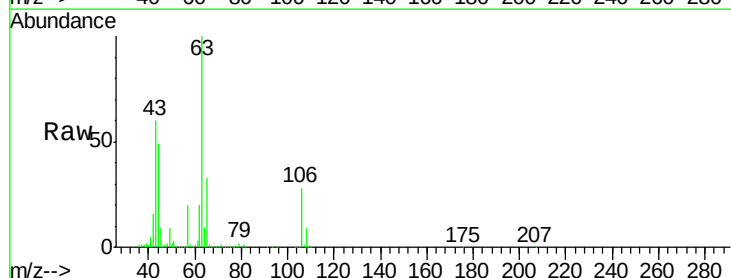
Acq: 14 Oct 2020 16:17

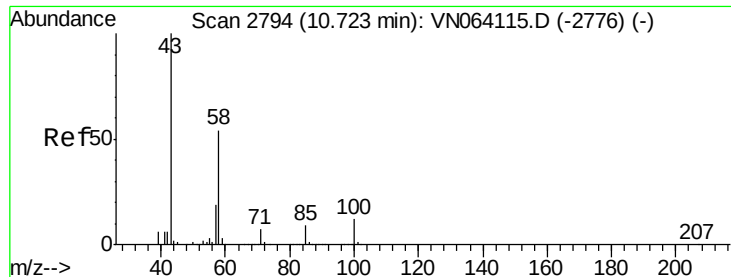
Tgt Ion: 63 Resp: 2818250

Ion Ratio Lower Upper

63 100

106 28.0 21.8 32.6





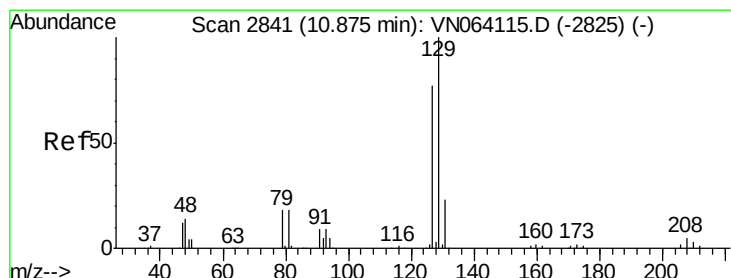
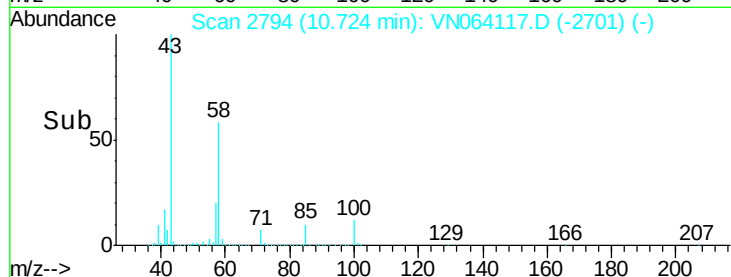
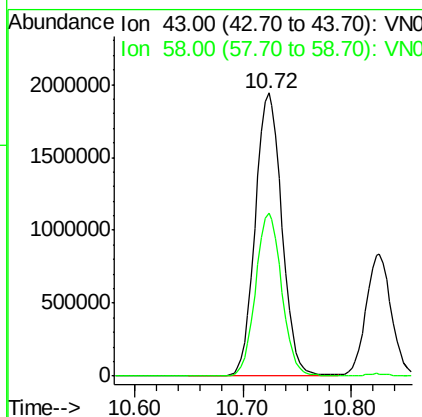
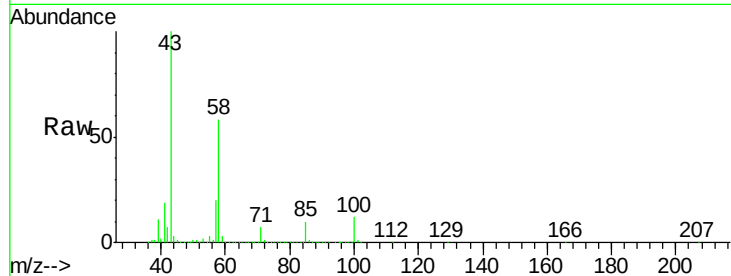
#59
2-Hexanone
Concen: 710.363 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064117.D
Acq: 14 Oct 2020 16:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 3323906
Ion Ratio Lower Upper
43 100
58 56.5 27.2 81.6

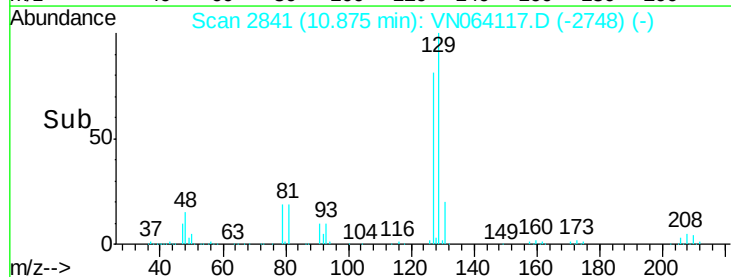
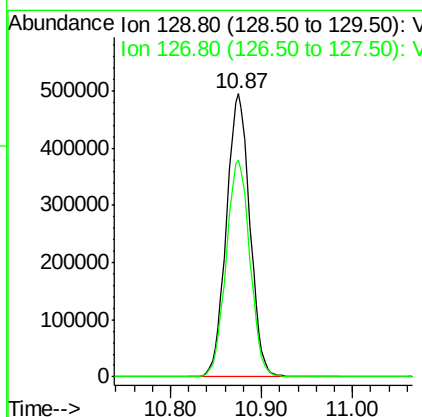
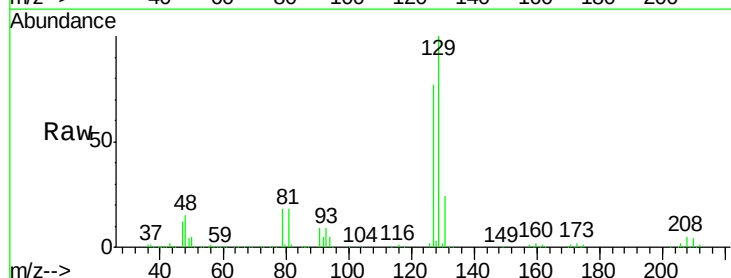
Manual Integrations
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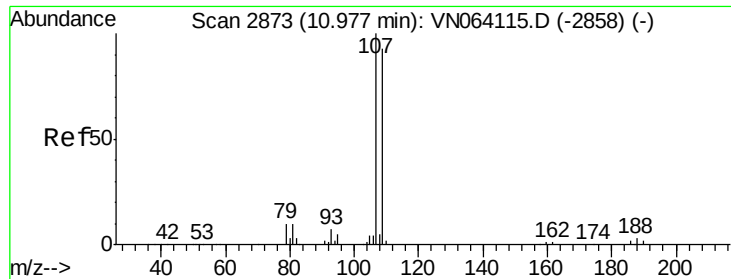
MMDadoda
10/15/2020 12:17:28 PM



#60
Dibromochloromethane
Concen: 158.251 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064117.D
Acq: 14 Oct 2020 16:17

Tgt Ion: 129 Resp: 886300
Ion Ratio Lower Upper
129 100
127 77.6 38.2 114.6





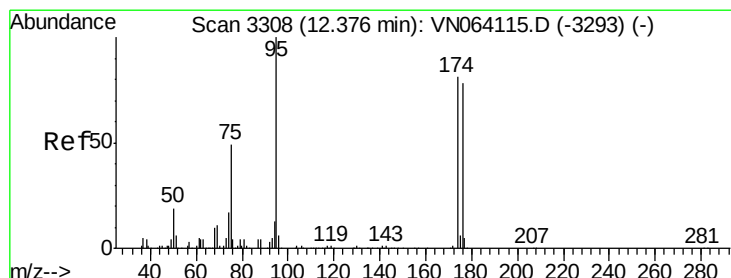
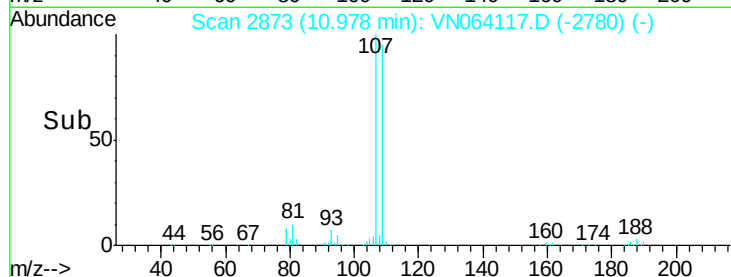
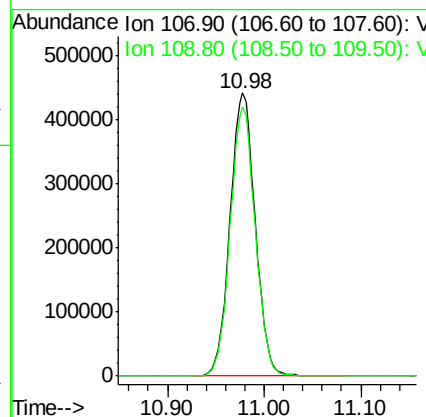
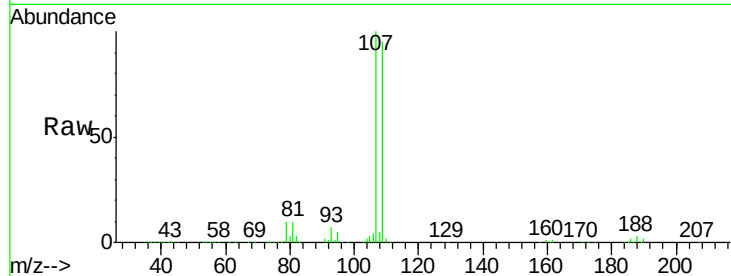
#61
 1,2-Dibromoethane
 Concen: 162.071 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064117.D
 Acq: 14 Oct 2020 16:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.9	75.2	112.8

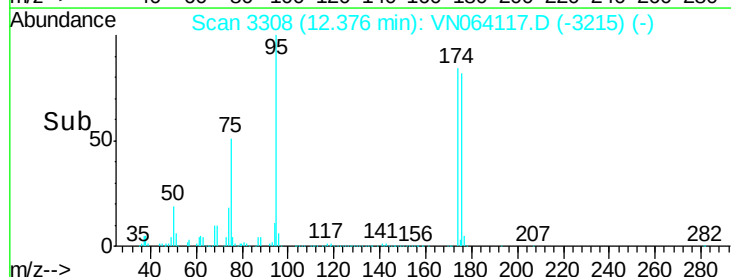
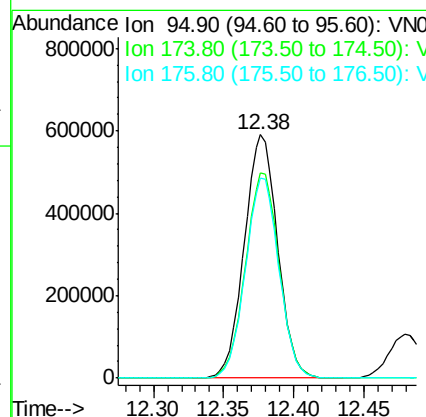
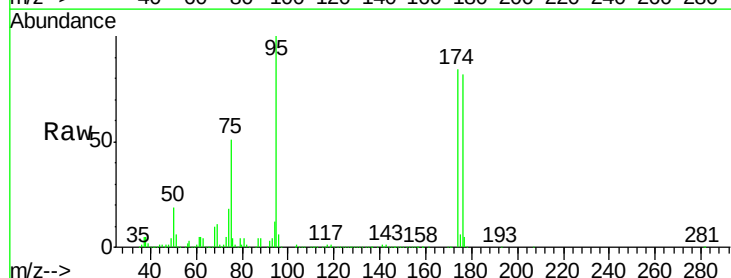
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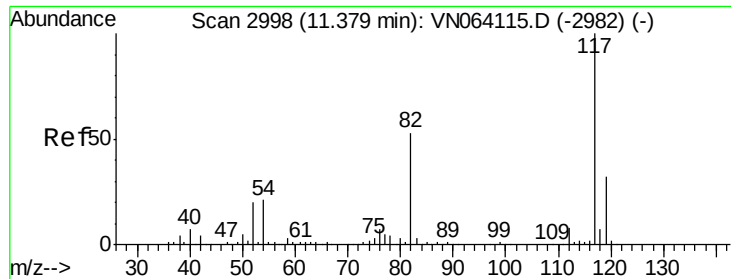
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 152.526 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064117.D
 Acq: 14 Oct 2020 16:17

Tgt Ion	Ratio	Lower	Upper
95	100		
174	85.1	0.0	164.8
176	82.5	0.0	157.8





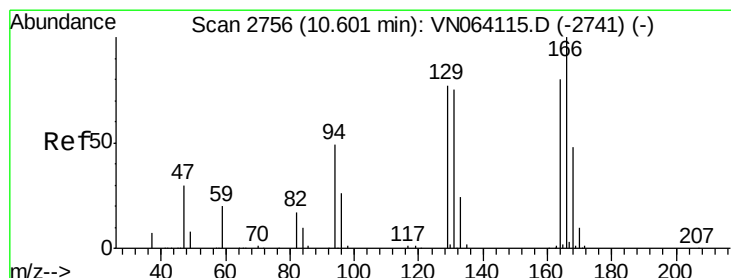
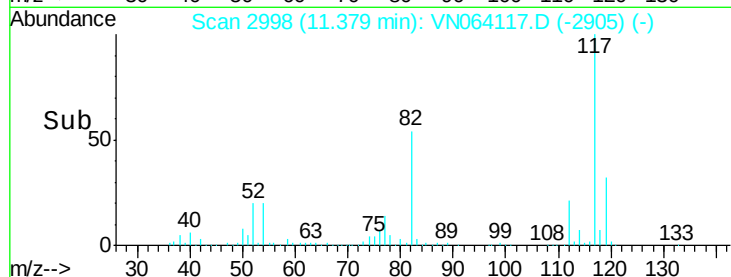
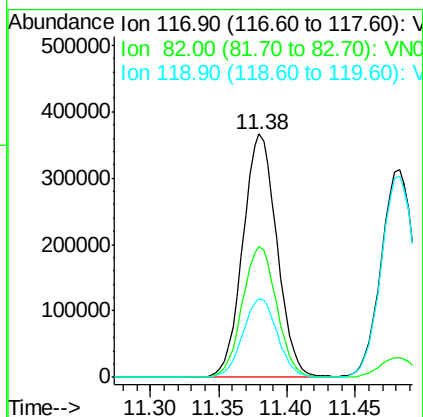
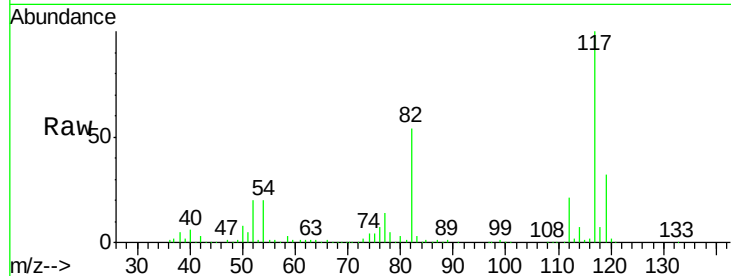
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064117.D
Acq: 14 Oct 2020 16:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	42.6	63.8
119	32.3	25.5	38.3

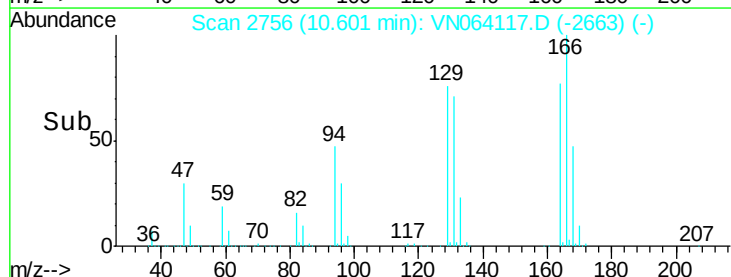
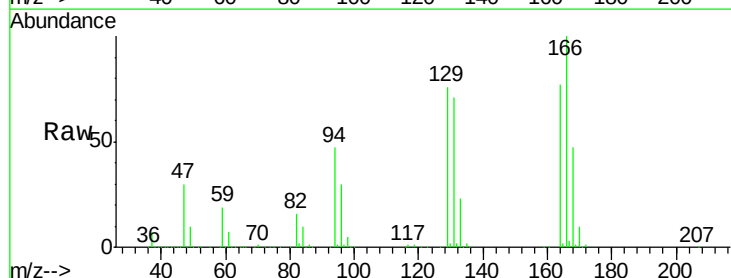
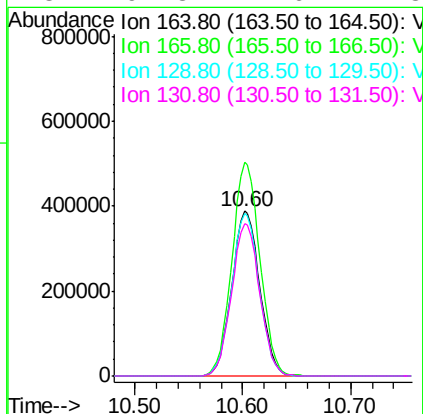
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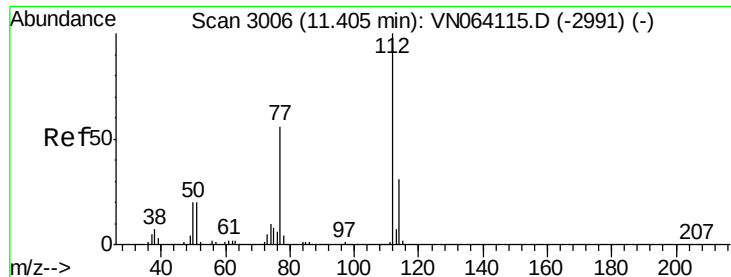
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#64
Tetrachloroethene
Concen: 141.136 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064117.D
Acq: 14 Oct 2020 16:17

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.6	99.7	149.5
129	98.7	77.0	115.4
131	92.3	74.6	111.8





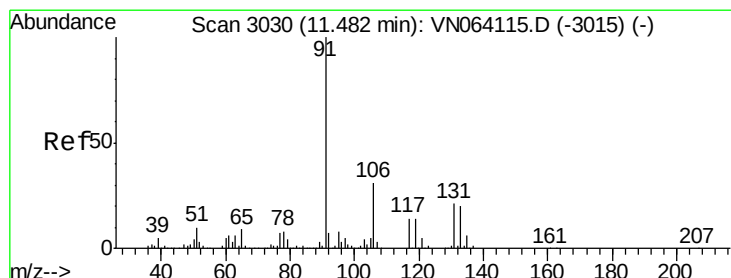
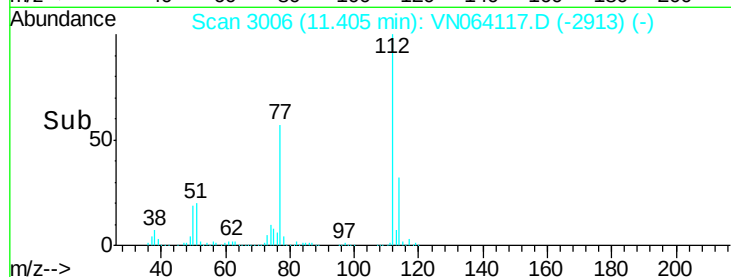
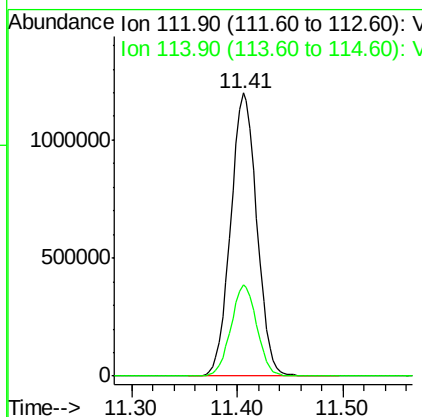
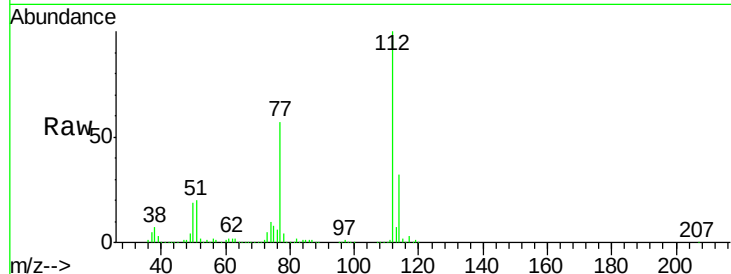
#65
Chlorobenzene
Concen: 155.834 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064117.D
Acq: 14 Oct 2020 16:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion:112 Resp: 2056476
Ion Ratio Lower Upper
112 100
114 32.1 24.6 37.0

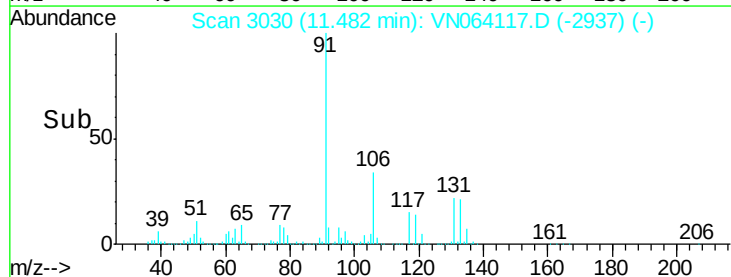
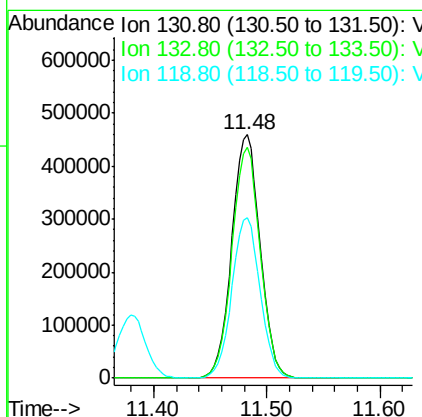
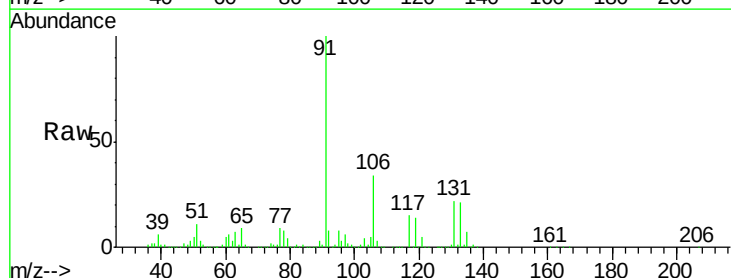
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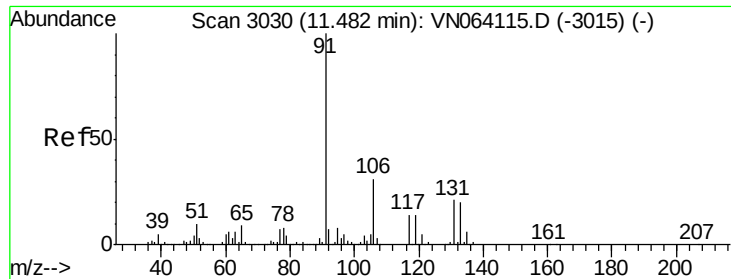
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#66
1,1,1,2-Tetrachloroethane
Concen: 158.677 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064117.D
Acq: 14 Oct 2020 16:17

Tgt Ion:131 Resp: 799528
Ion Ratio Lower Upper
131 100
133 94.7 47.3 141.9
119 65.7 32.8 98.4





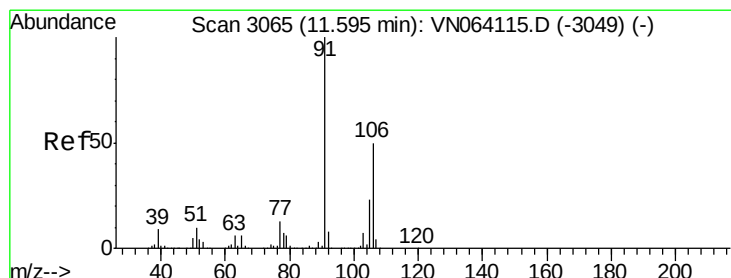
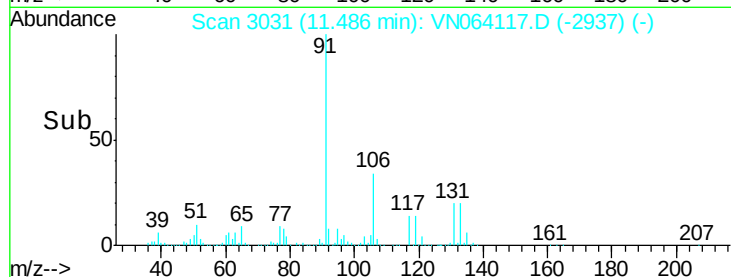
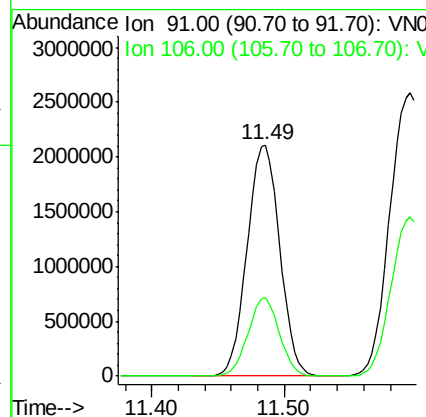
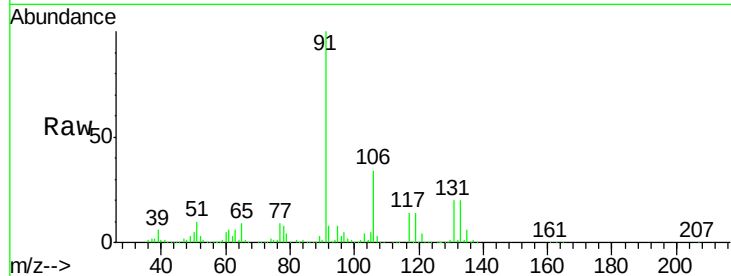
#67
Ethyl Benzene
Concen: 152.624 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN064117.D
Acq: 14 Oct 2020 16:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 3617266
Ion Ratio Lower Upper
91 100
106 33.8 24.7 37.1

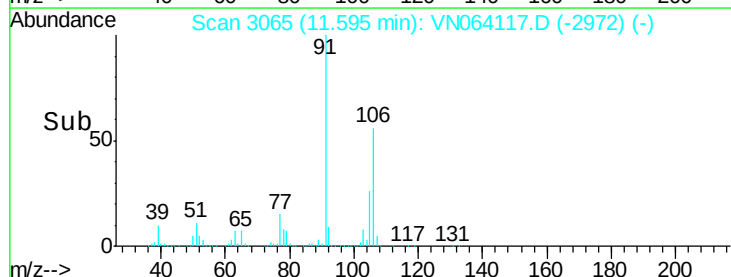
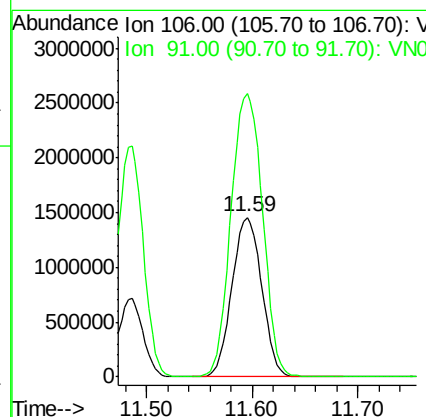
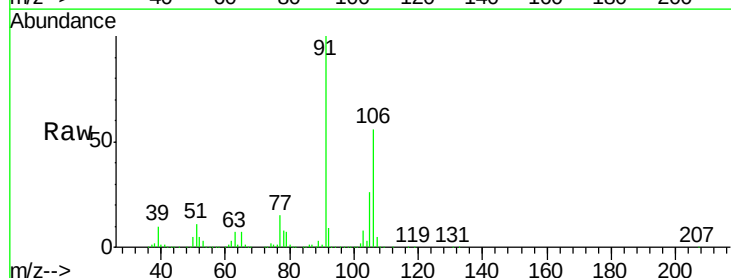
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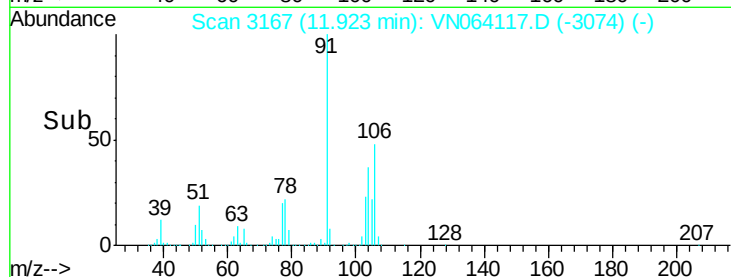
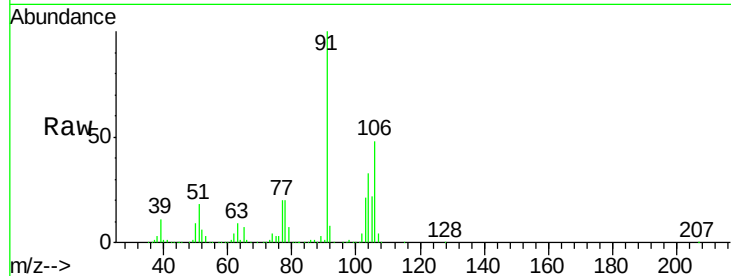
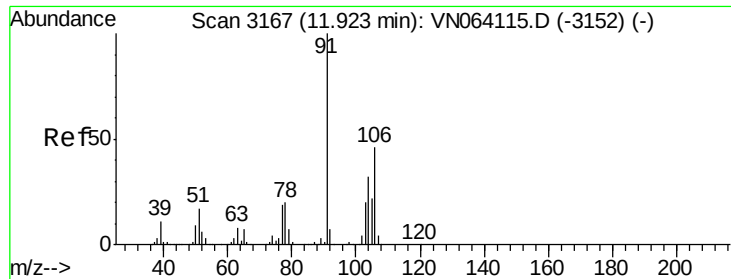
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#68
m/p-Xylenes
Concen: 320.276 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064117.D
Acq: 14 Oct 2020 16:17

Tgt Ion: 106 Resp: 2846549
Ion Ratio Lower Upper
106 100
91 188.1 162.1 243.1





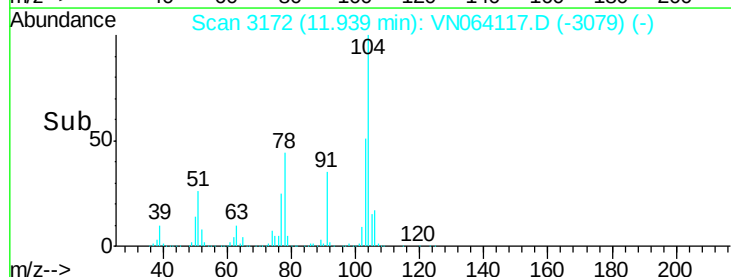
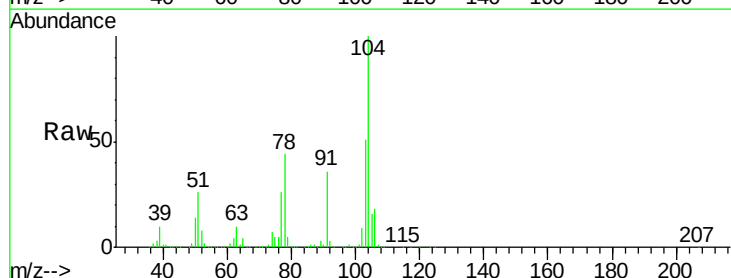
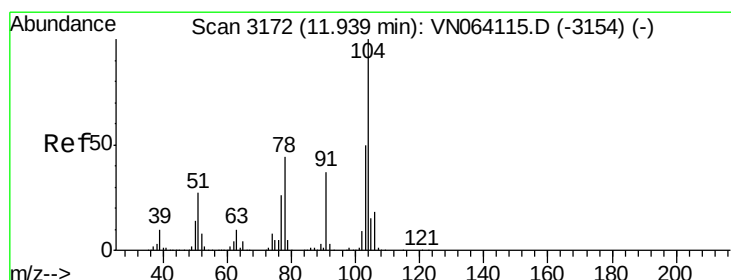
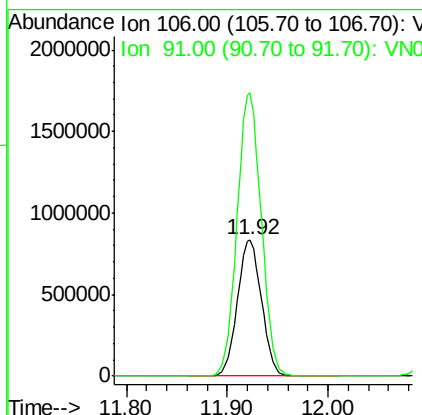
#69
o-Xylene
Concen: 165.735 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064117.D
Acq: 14 Oct 2020 16:17

Tot Ion:106 Resp: 1377167
Ion Ratio Lower Upper
106 100
91 209.0 107.6 322.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

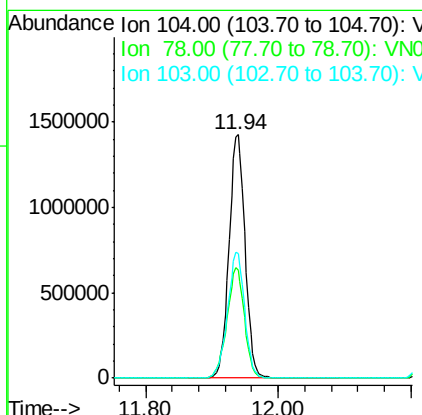
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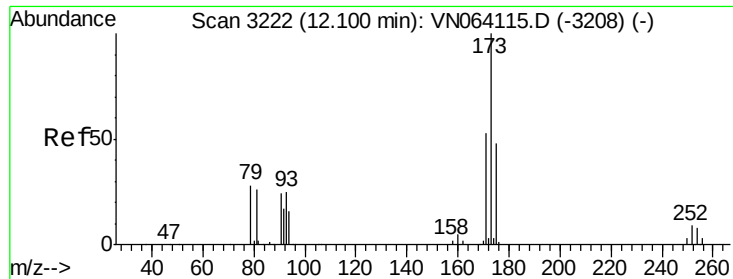
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#70
Styrene
Concen: 170.020 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064117.D
Acq: 14 Oct 2020 16:17

Tgt Ion:104 Resp: 2391932
Ion Ratio Lower Upper
104 100
78 49.2 39.7 59.5
103 55.0 44.2 66.2





#71

Bromoform

Concen: 173.169 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:173 Resp: 665728

Ion Ratio Lower Upper

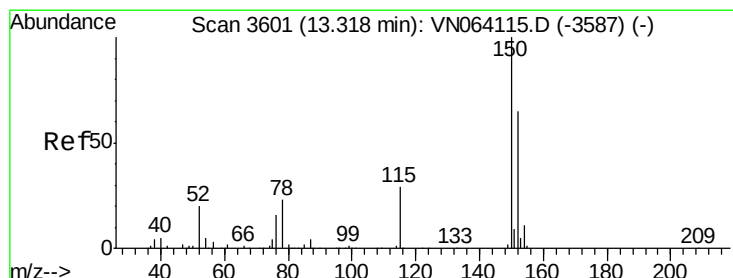
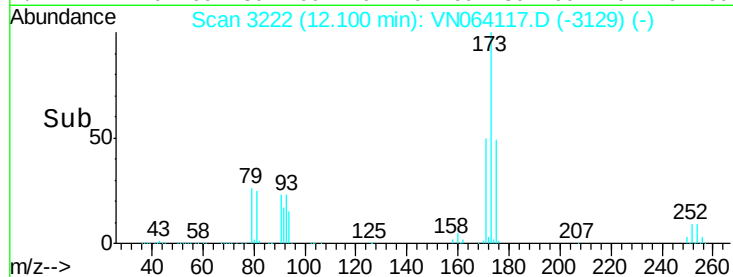
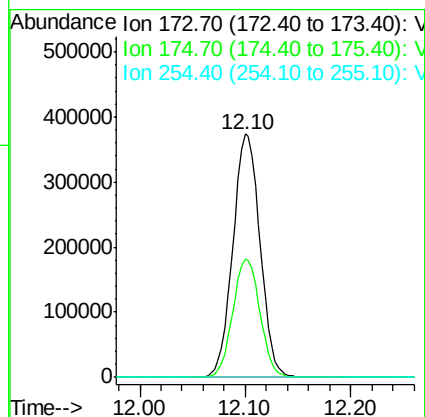
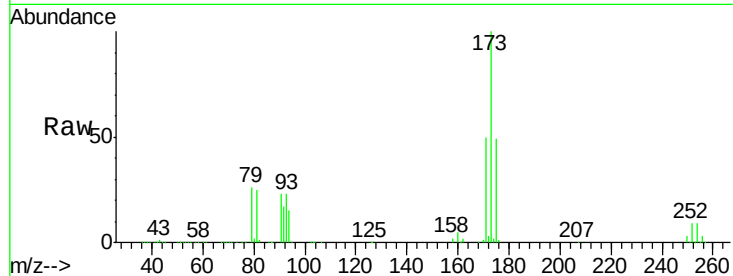
173 100

175 48.6 23.4 70.2

254 0.2 0.1 0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

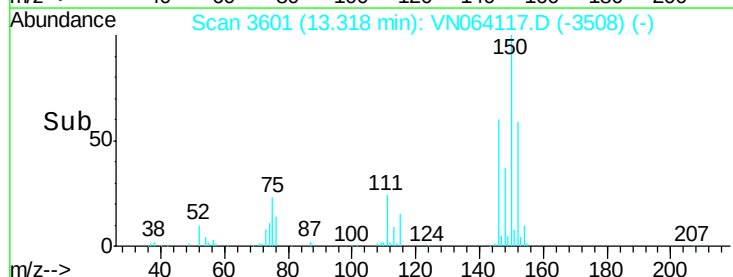
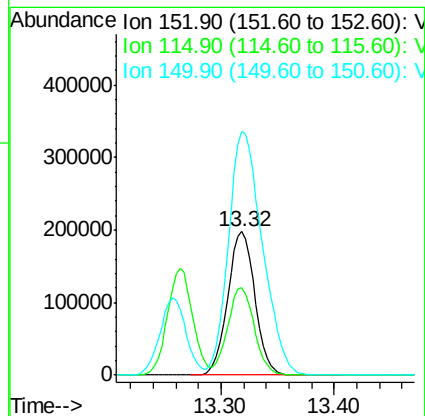
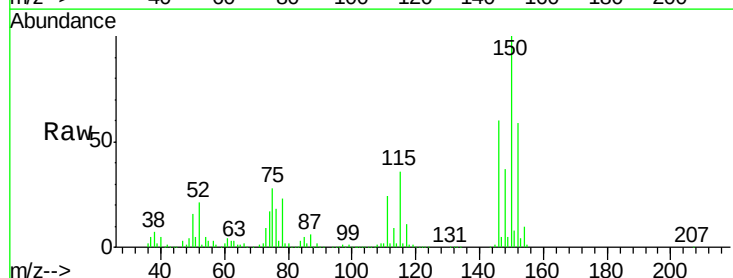
Tgt Ion:152 Resp: 329931

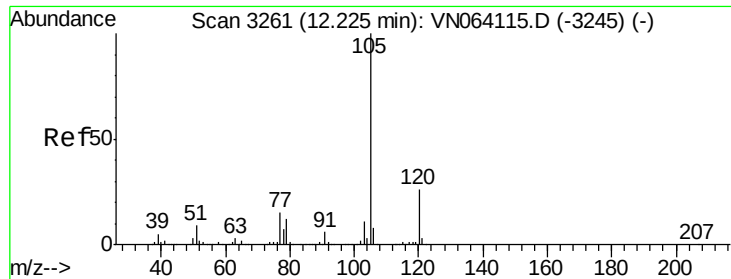
Ion Ratio Lower Upper

152 100

115 60.1 29.3 87.8

150 211.0 0.0 346.0





#73

Isopropylbenzene

Concen: 143.388 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 3455318

Ion Ratio Lower Upper

105 100

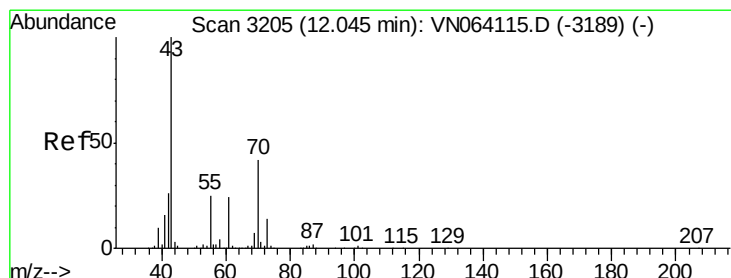
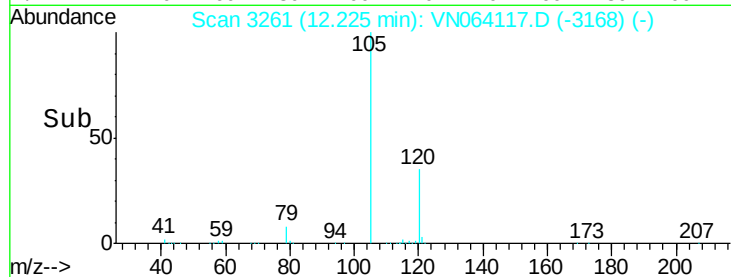
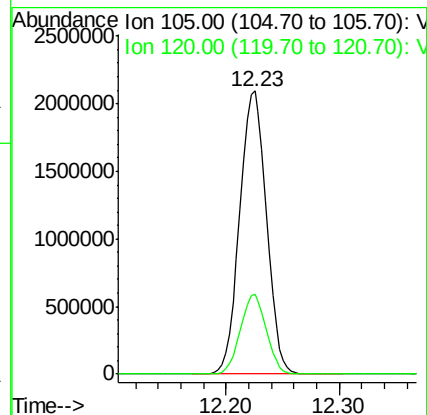
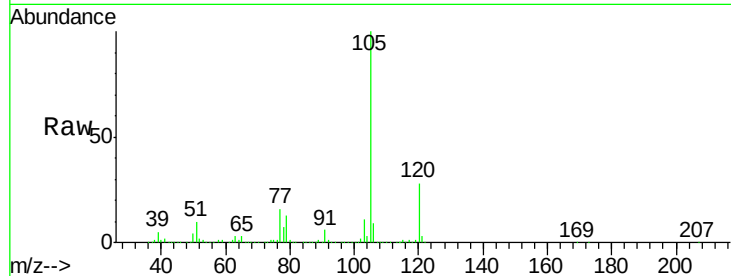
120 27.4 13.2 39.5

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#74

N-ethyl acetate

Concen: 151.713 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

Tgt Ion: 43 Resp: 1475396

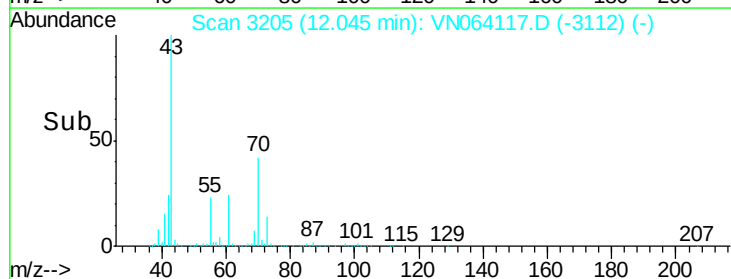
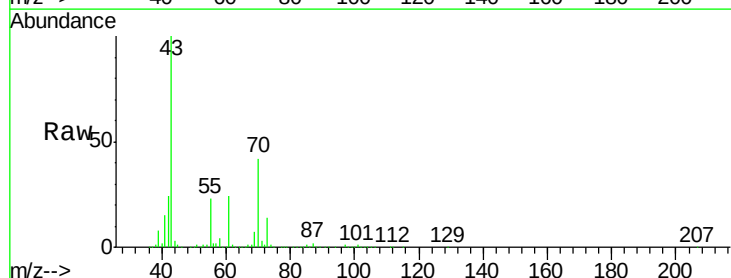
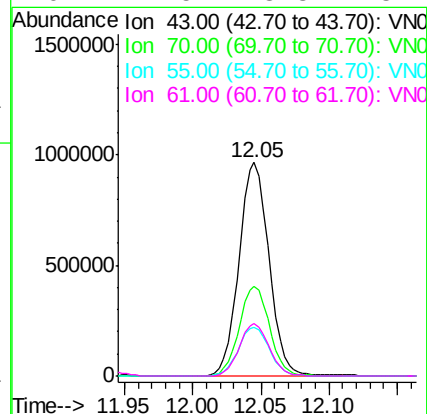
Ion Ratio Lower Upper

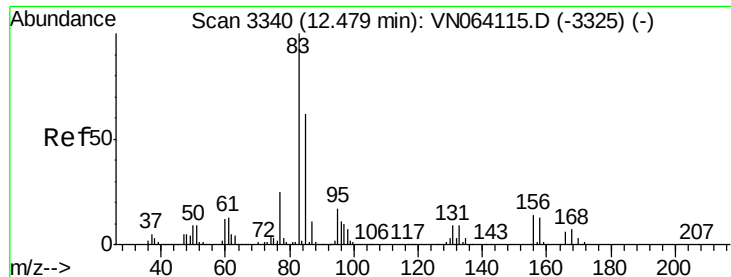
43 100

70 42.5 33.2 49.8

55 23.9 19.9 29.9

61 24.5 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 150.026 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 83 Resp: 1114129

Ion Ratio Lower Upper

83 100

131 10.3 5.0 15.0

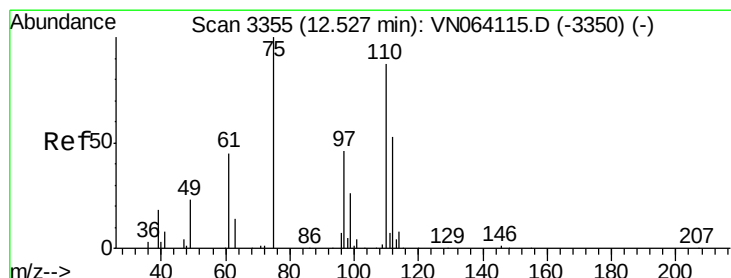
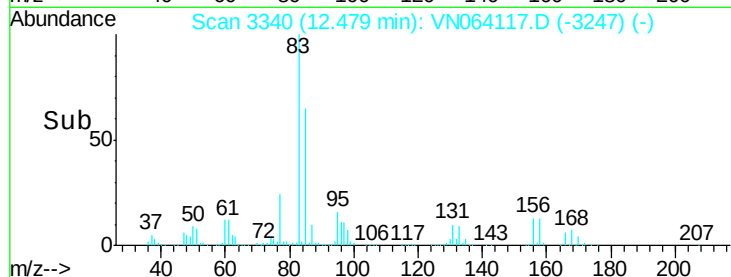
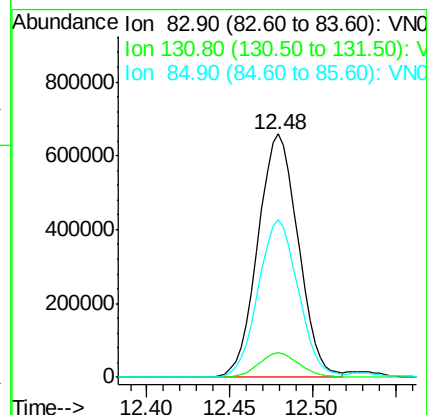
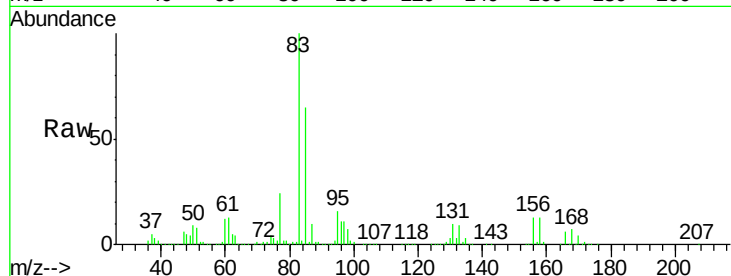
85 64.3 31.9 95.9

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#76

1,2,3-Trichloropropane

Concen: 150.254 ug/l m

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064117.D

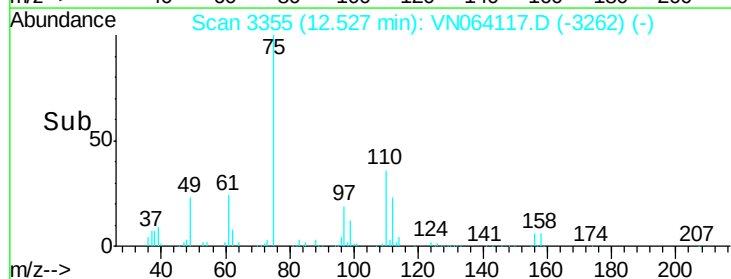
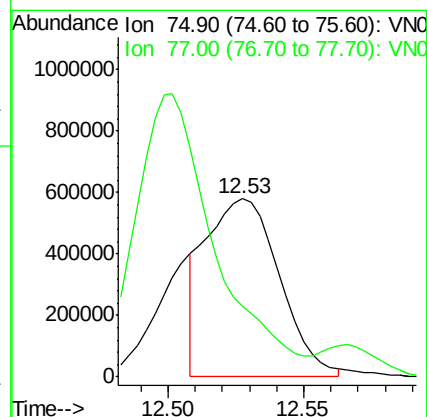
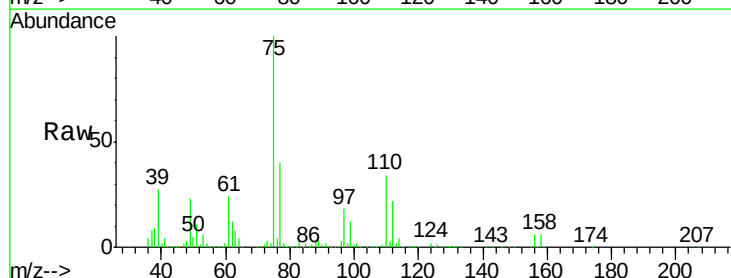
Acq: 14 Oct 2020 16:17

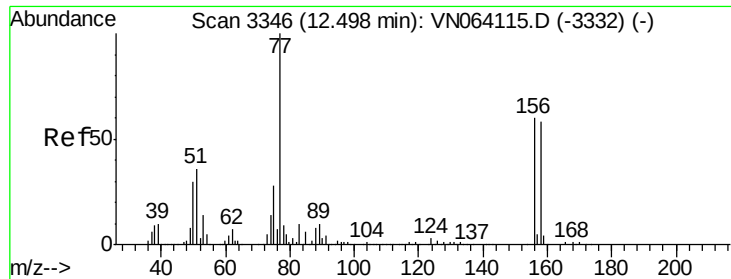
Tgt Ion: 75 Resp: 1093898

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 156.374 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

Instrument :

MSVOA_N

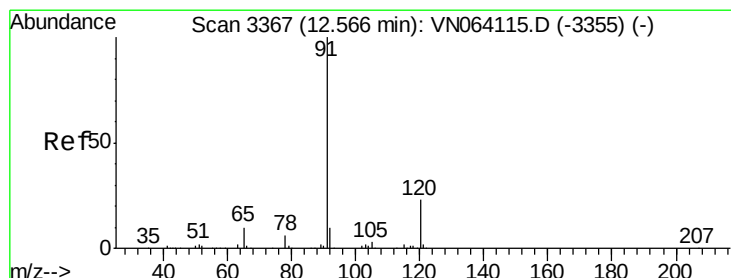
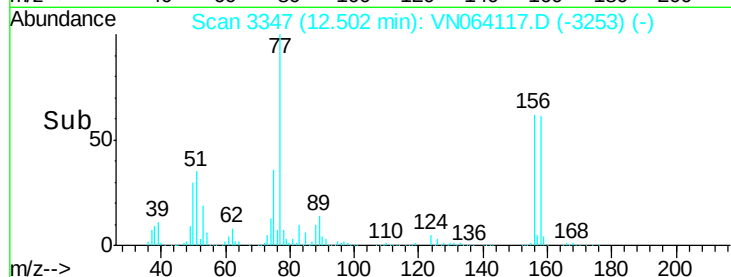
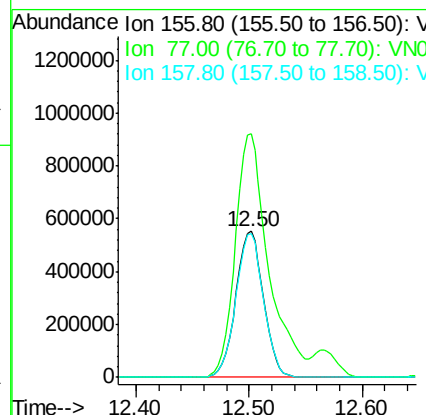
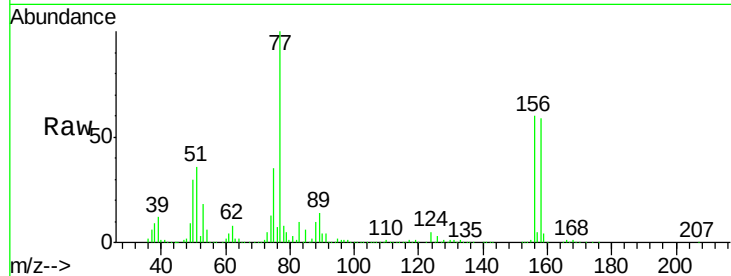
ClientSampleId :

VSTDIC150

Tot Ion	Ratio	Lower	Upper
156	100		
77	200.1	99.3	297.9
158	98.5	48.6	145.9

Manual Integrations
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#78

n-propylbenzene

Concen: 140.326 ug/l

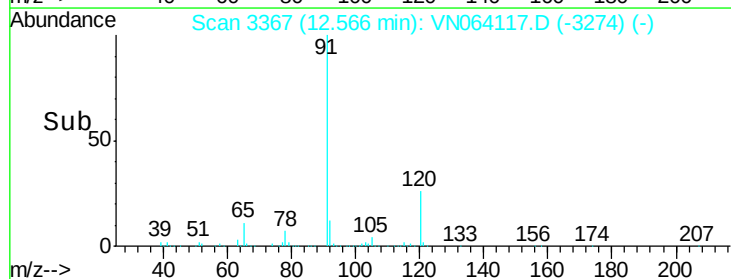
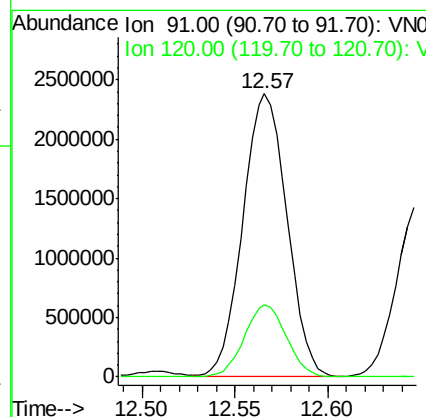
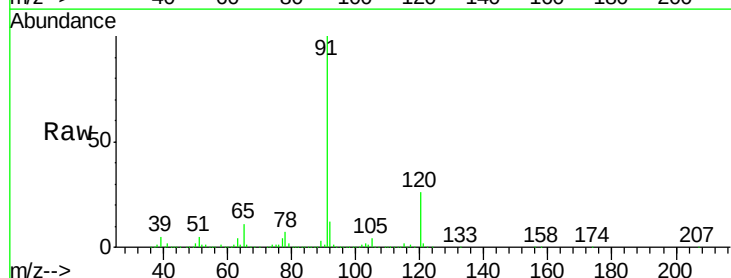
RT: 12.57 min Scan# 3367

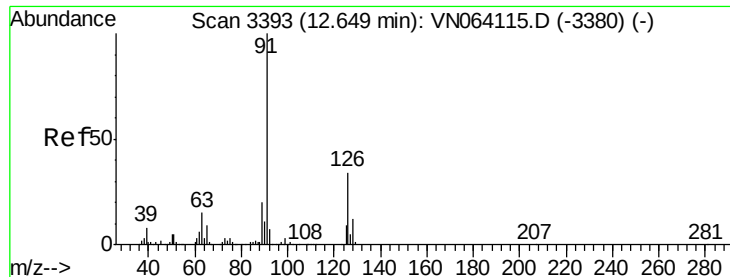
Delta R.T. 0.00 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.3	11.5	34.5





#79

2-Chlorotoluene

Concen: 142.560 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 2461698

Ion Ratio Lower Upper

91 100

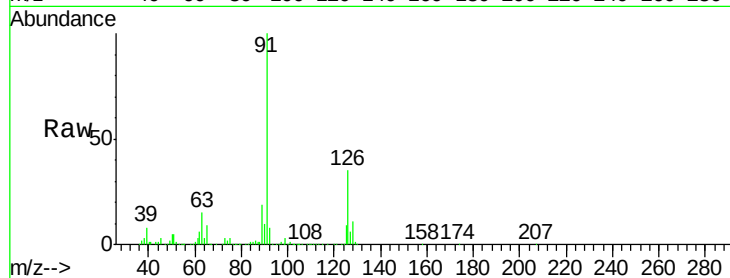
126 35.1 17.5 52.5

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Abundance Ion 91.00 (90.70 to 91.70): VN064117.D (-3393) (-)

Ion 125.90 (125.60 to 126.60): VN064117.D (-3393) (-)

2500000

2000000

1500000

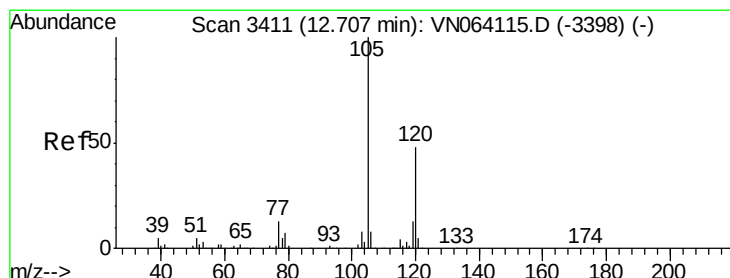
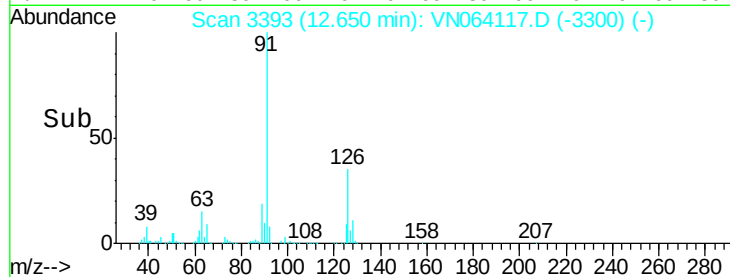
1000000

500000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 146.458 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064117.D

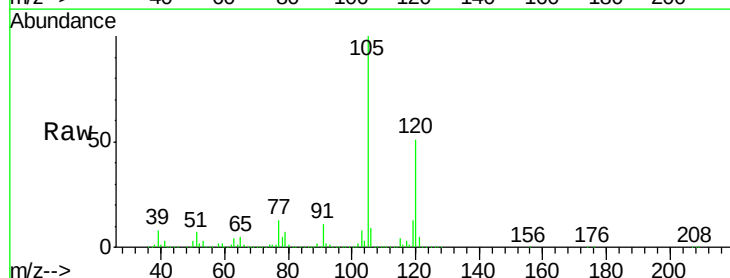
Acq: 14 Oct 2020 16:17

Tgt Ion:105 Resp: 2961069

Ion Ratio Lower Upper

105 100

120 49.9 24.0 72.0



Abundance Ion 105.00 (104.70 to 105.70): VN064117.D (-3411) (-)

Ion 120.00 (119.70 to 120.70): VN064117.D (-3411) (-)

2000000

1500000

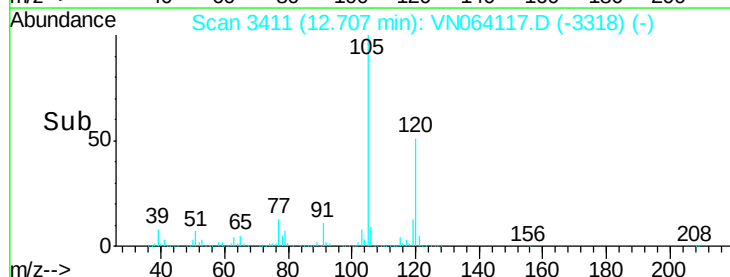
1000000

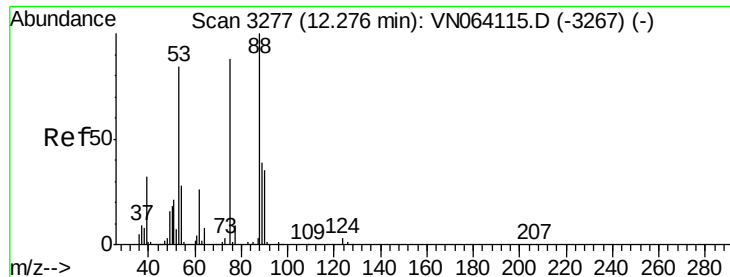
500000

0

12.60 12.70 12.80

Time-->





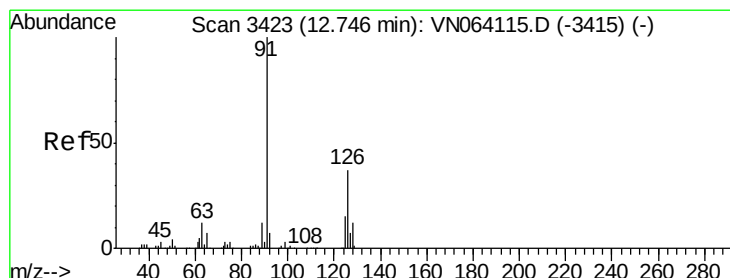
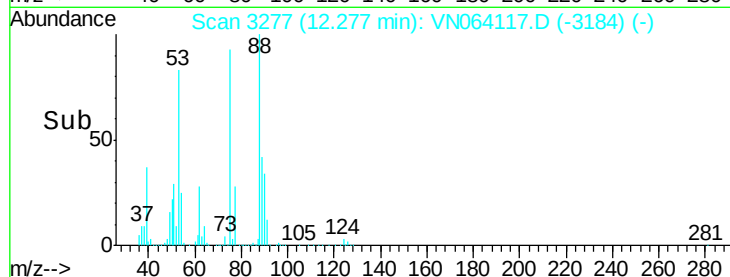
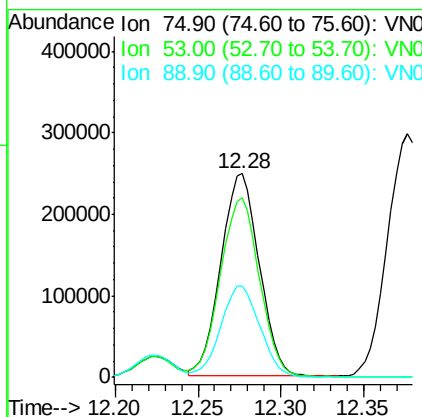
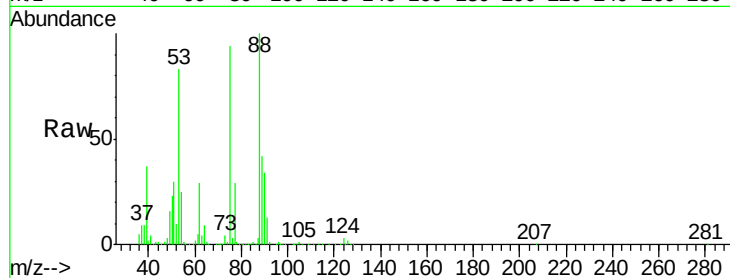
#81
trans-1,4-Dichloro-2-butene
Concen: 159.673 ug/l
RT: 12.28 min Scan# 3277
Delta R.T. 0.00 min
Lab File: VN064117.D
Acq: 14 Oct 2020 16:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
53	90.5	75.7	113.5
89	46.1	36.6	55.0

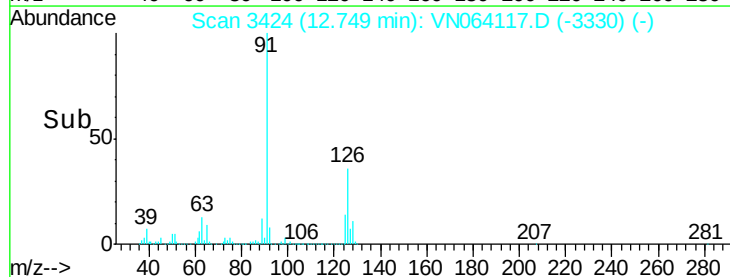
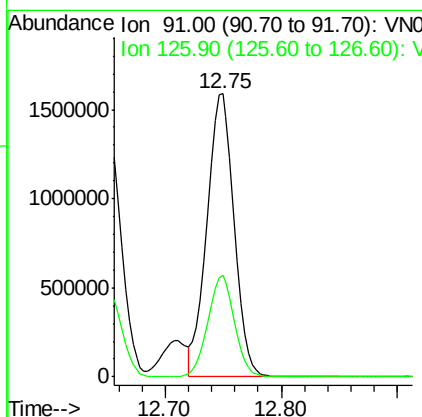
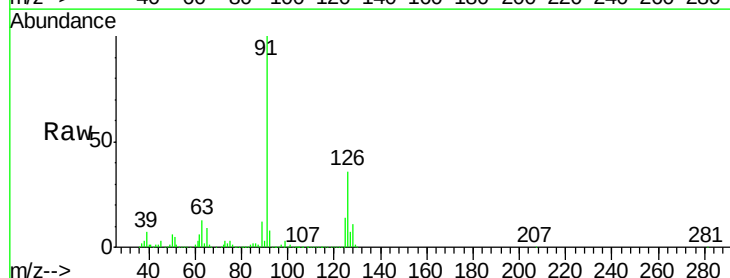
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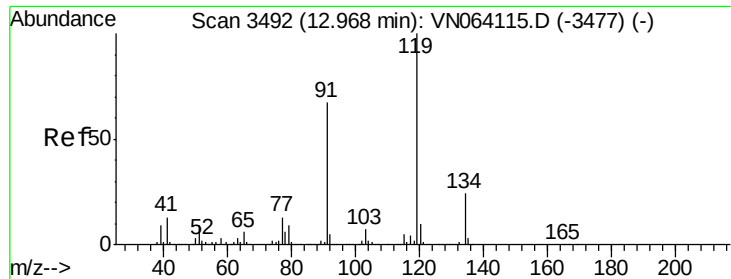
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#82
4-Chlorotoluene
Concen: 145.790 ug/l
RT: 12.75 min Scan# 3424
Delta R.T. 0.00 min
Lab File: VN064117.D
Acq: 14 Oct 2020 16:17

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.2	17.1	51.2





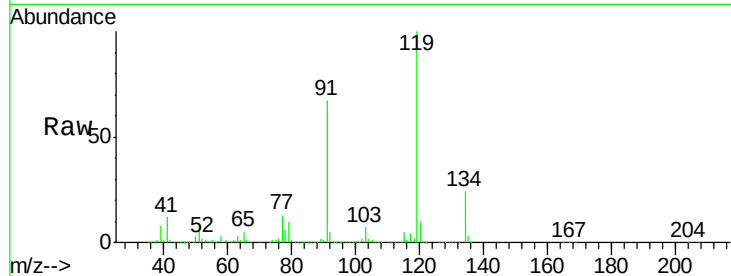
#83
 tert-Butylbenzene
 Concen: 148.222 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064117.D
 Acq: 14 Oct 2020 16:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

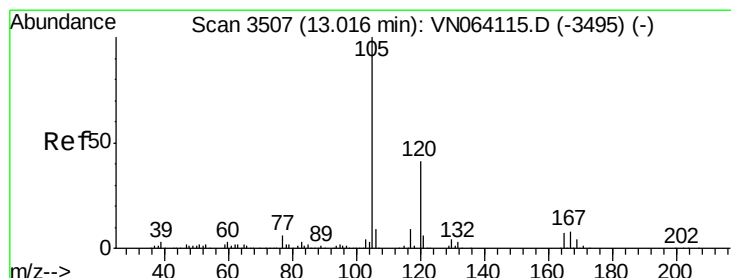
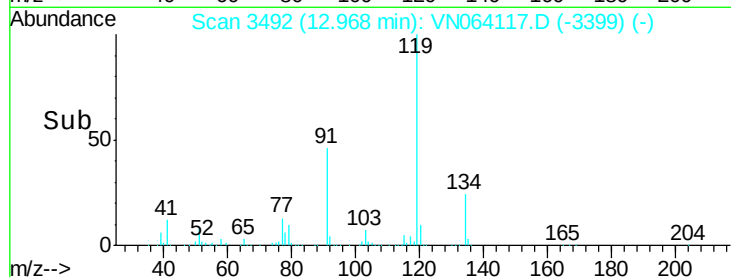
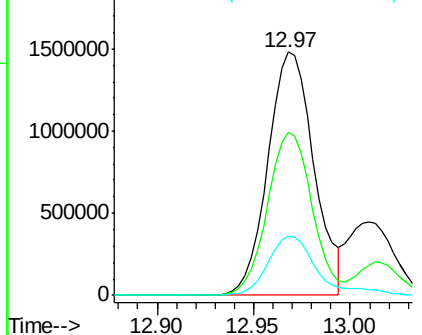
Tot Ion:119 Resp: 2449820
 Ion Ratio Lower Upper
 119 100
 91 65.2 32.6 98.0
 134 26.2 13.0 39.0

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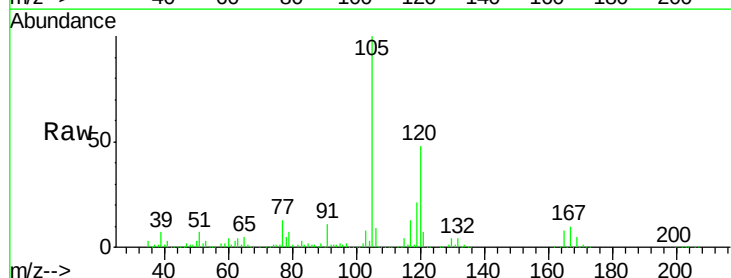


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

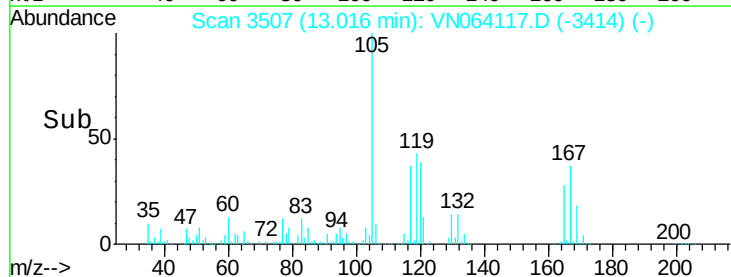
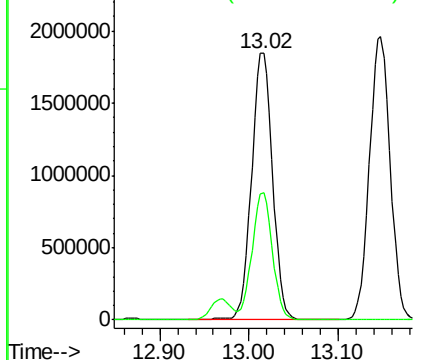


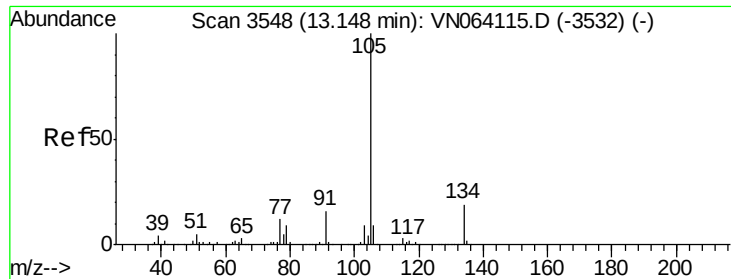
#84
 1,2,4-Trimethylbenzene
 Concen: 150.840 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN064117.D
 Acq: 14 Oct 2020 16:17

Tgt Ion:105 Resp: 3029296
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 145.360 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 3148694

Ion Ratio Lower Upper

105 100

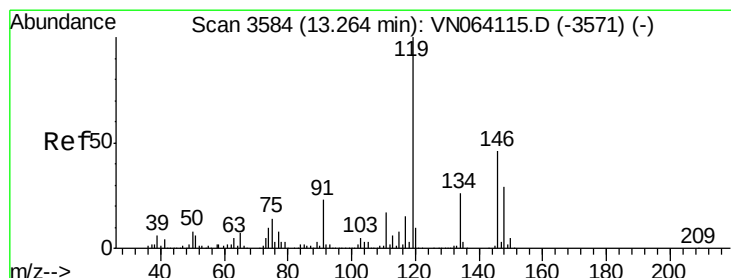
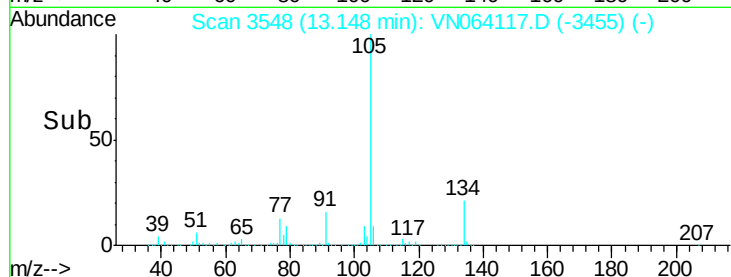
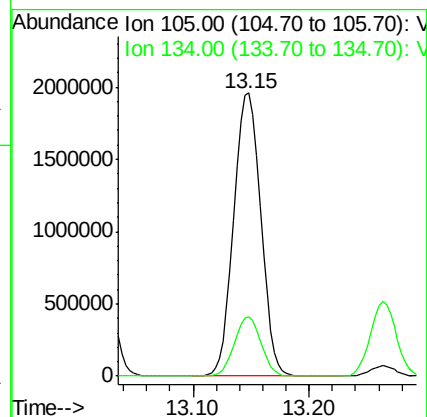
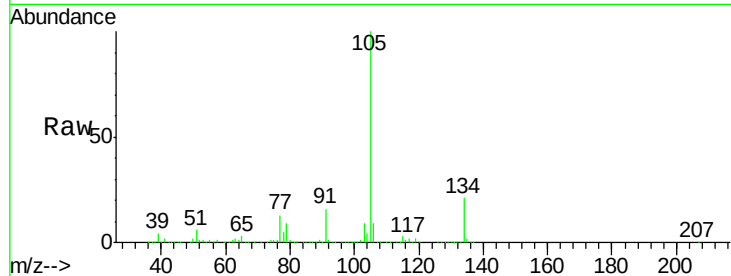
134 20.5 9.7 29.1

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#86

p-Isopropyltoluene

Concen: 154.251 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064117.D

Acq: 14 Oct 2020 16:17

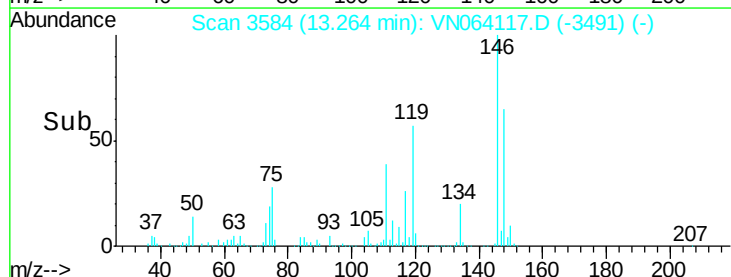
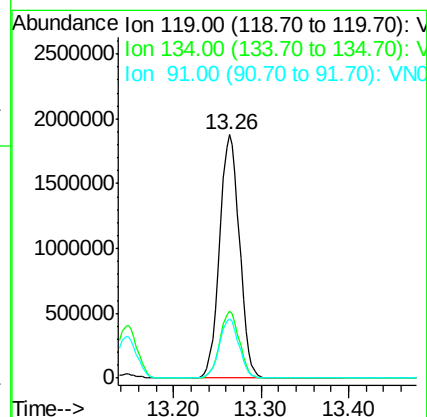
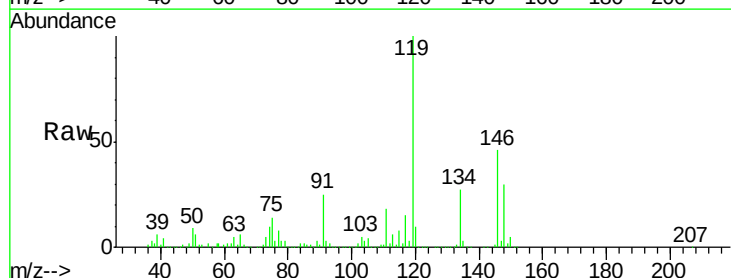
Tgt Ion:119 Resp: 2952099

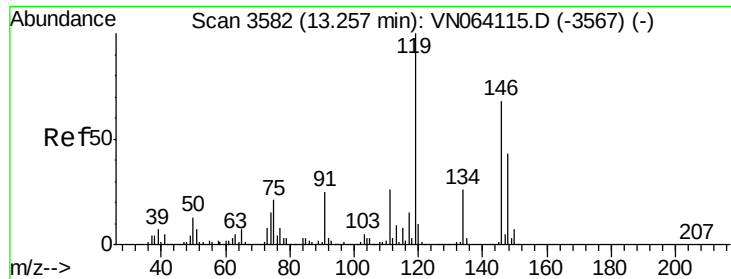
Ion Ratio Lower Upper

119 100

134 26.9 13.2 39.5

91 24.0 12.0 36.1





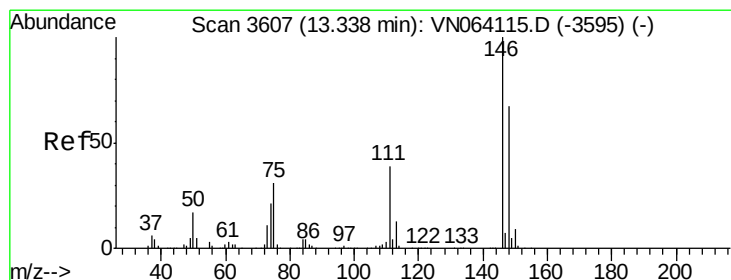
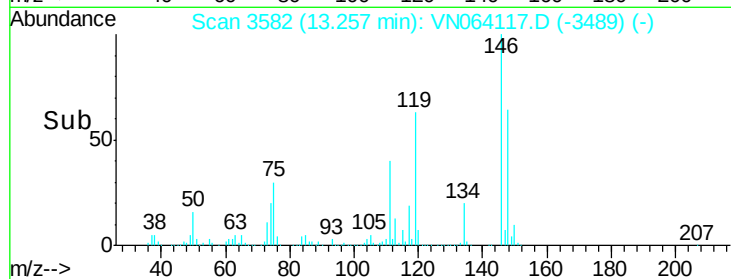
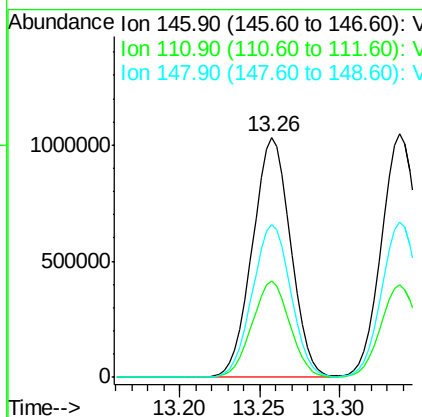
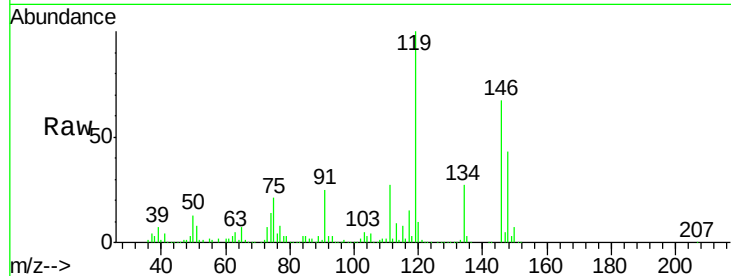
#87
 1,3-Dichlorobenzene
 Concen: 157.240 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064117.D
 Acq: 14 Oct 2020 16:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion:146 Resp: 1695871
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.7 59.1
 148 64.3 32.0 96.2

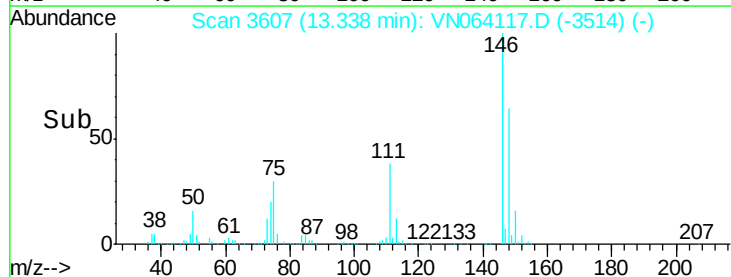
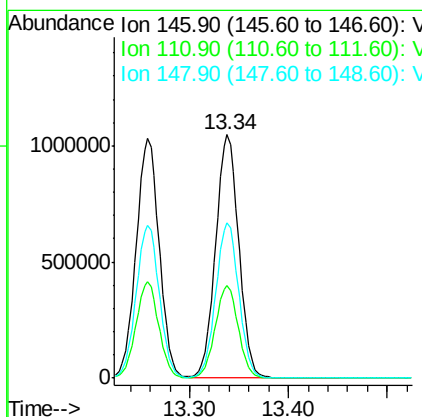
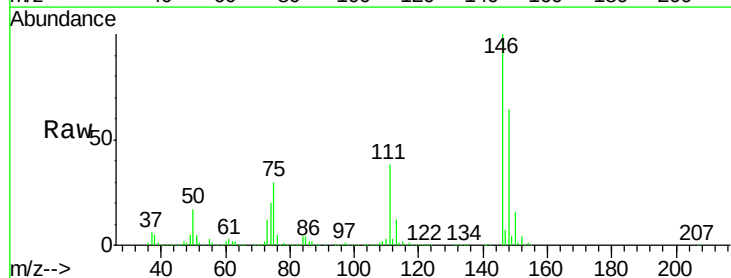
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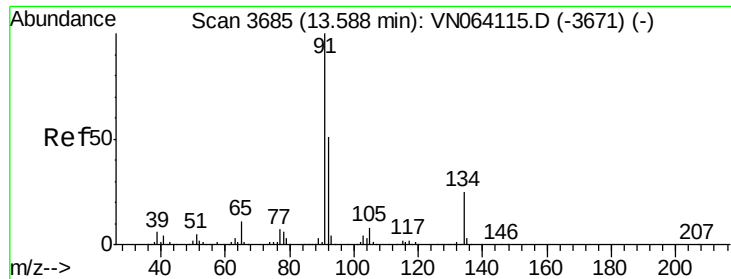
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#88
 1,4-Dichlorobenzene
 Concen: 153.453 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064117.D
 Acq: 14 Oct 2020 16:17

Tgt Ion:146 Resp: 1724841
 Ion Ratio Lower Upper
 146 100
 111 37.5 19.3 57.9
 148 63.8 32.1 96.5





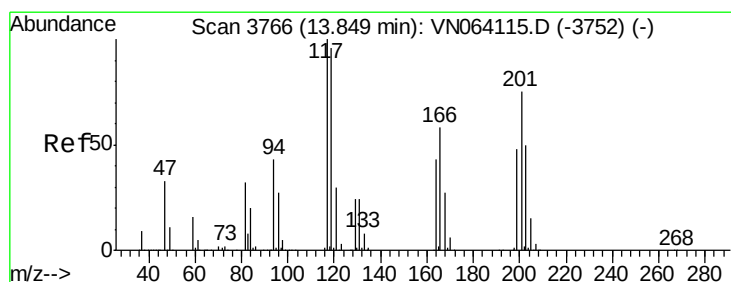
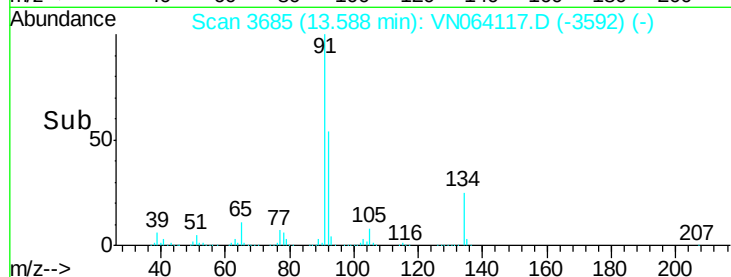
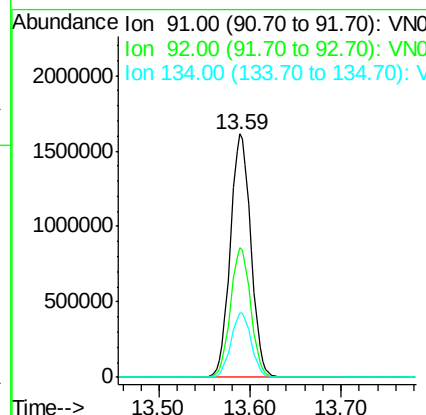
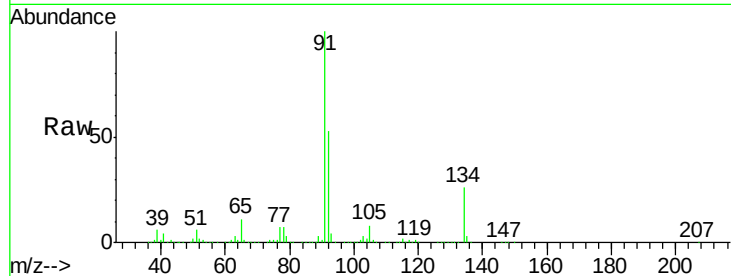
#89
n-Butylbenzene
Concen: 145.038 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064117.D
Acq: 14 Oct 2020 16:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 2526362
Ion Ratio Lower Upper
91 100
92 52.5 25.6 76.6
134 26.3 12.6 37.8

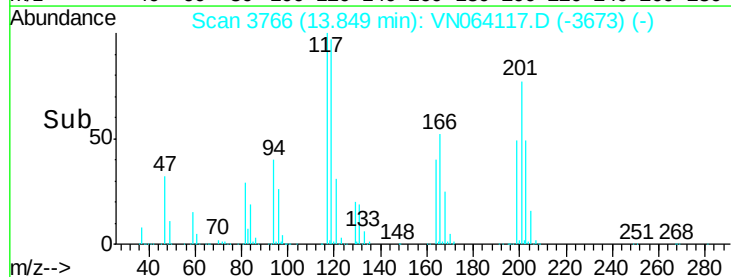
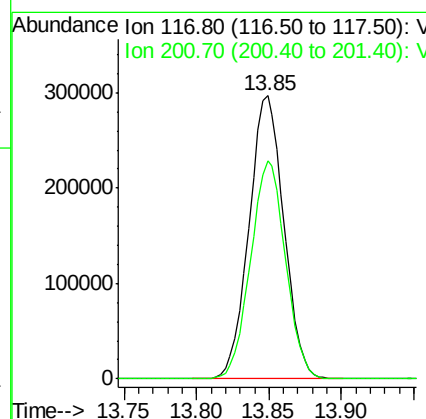
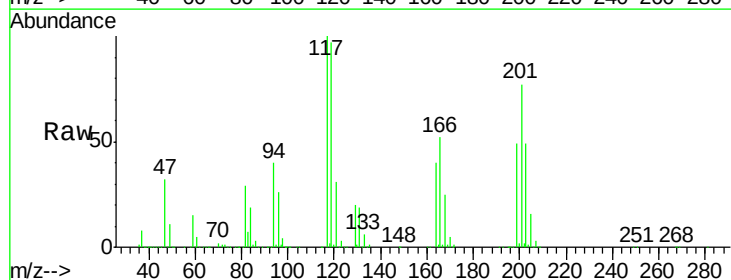
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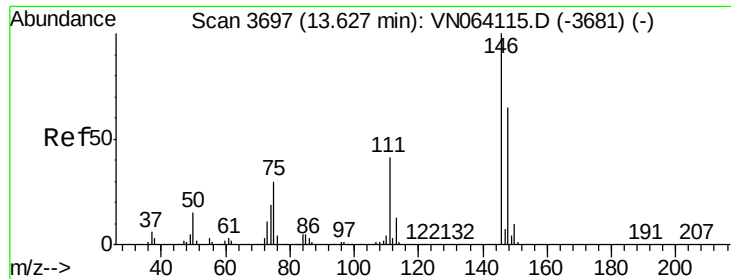
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#90
Hexachloroethane
Concen: 136.557 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064117.D
Acq: 14 Oct 2020 16:17

Tgt Ion: 117 Resp: 497240
Ion Ratio Lower Upper
117 100
201 76.9 37.4 112.2





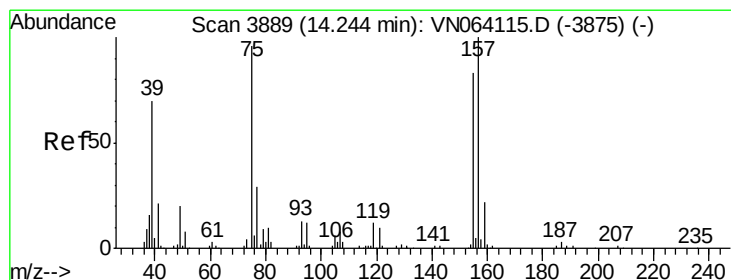
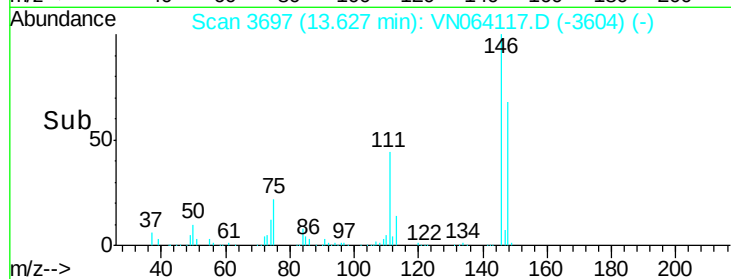
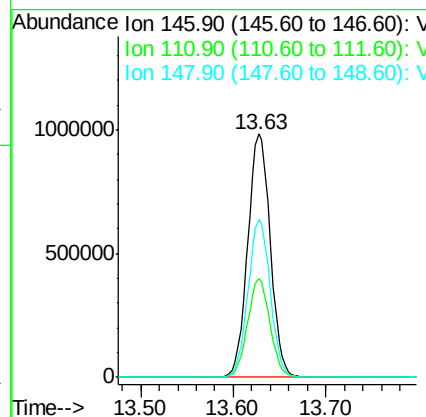
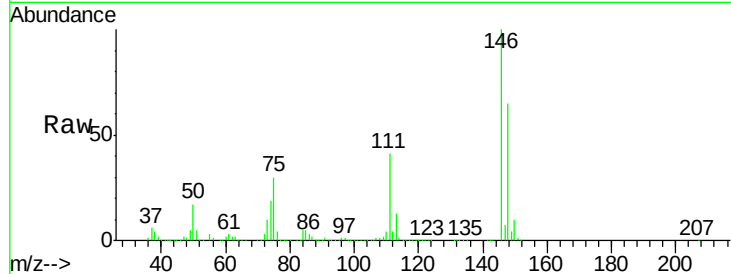
#91
 1,2-Dichlorobenzene
 Concen: 153.867 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064117.D
 Acq: 14 Oct 2020 16:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.3	60.8
148	64.1	32.2	96.6

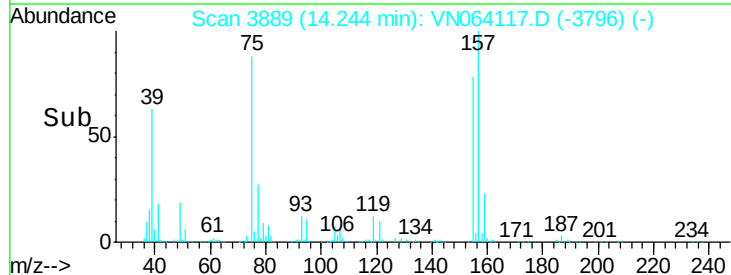
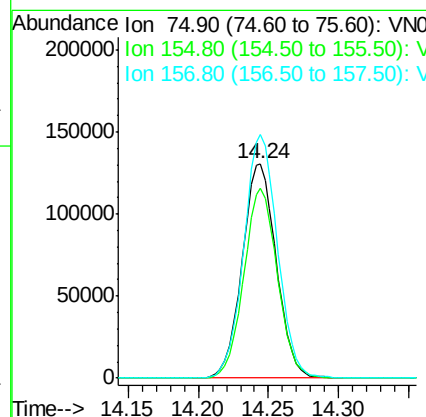
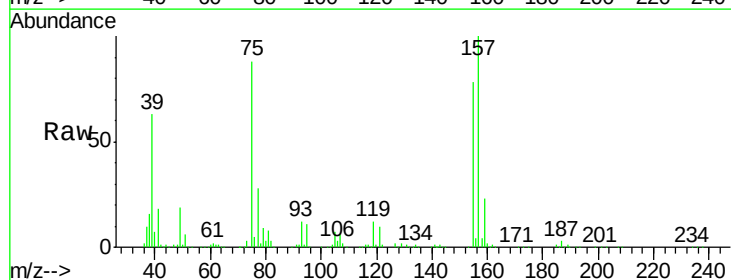
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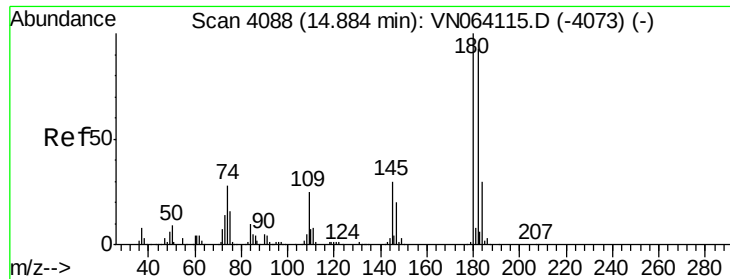
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 129.993 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064117.D
 Acq: 14 Oct 2020 16:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.9	40.8	122.2
157	112.9	53.9	161.7





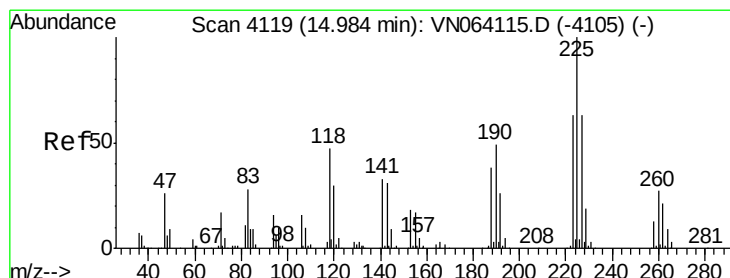
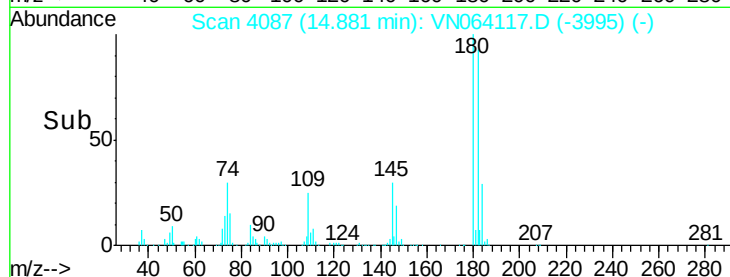
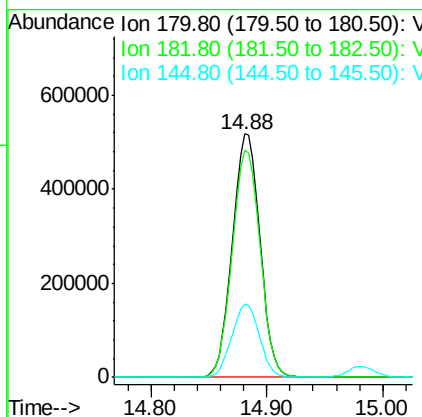
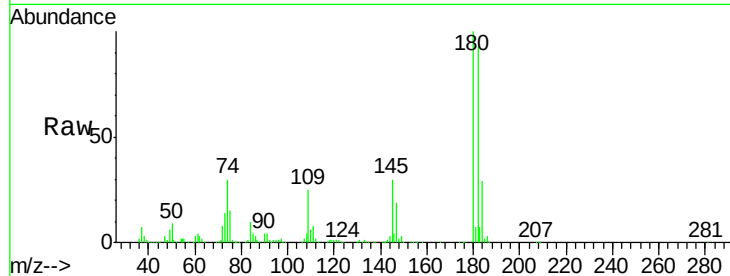
#93
 1,2,4-Trichlorobenzene
 Concen: 148.261 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN064117.D
 Acq: 14 Oct 2020 16:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.6	45.8	137.4	
145	30.2	15.4	46.1	

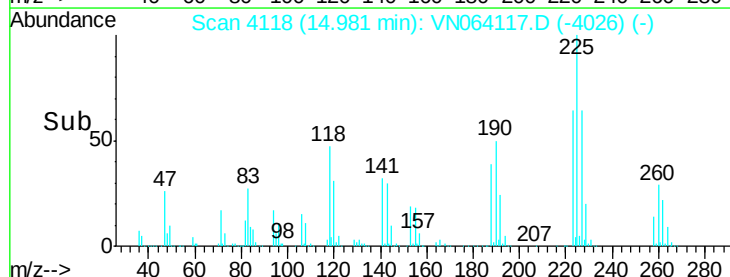
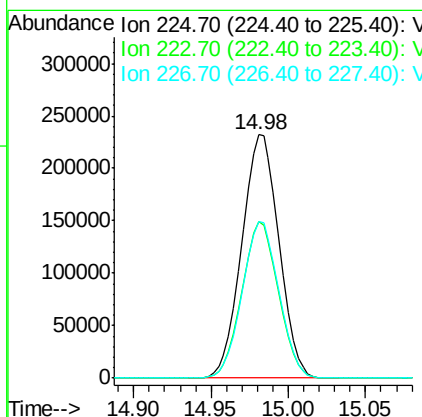
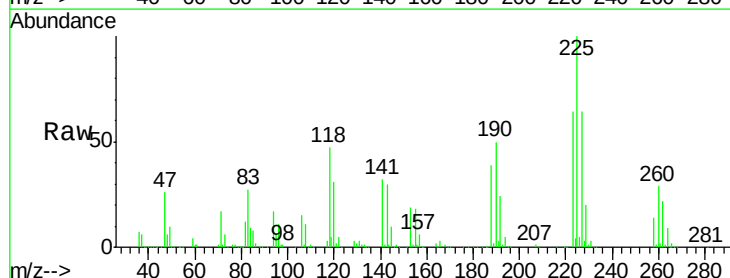
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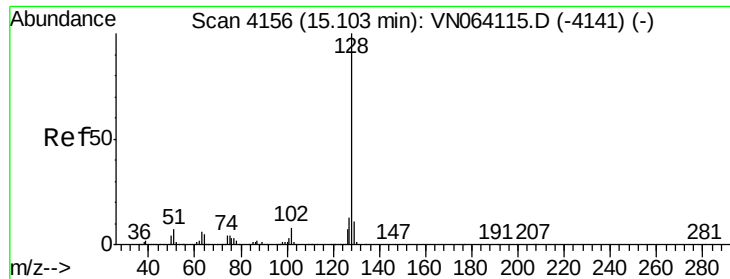
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#94
 Hexachlorobutadiene
 Concen: 116.786 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064117.D
 Acq: 14 Oct 2020 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.3	32.3	96.9	
227	63.4	31.6	94.8	





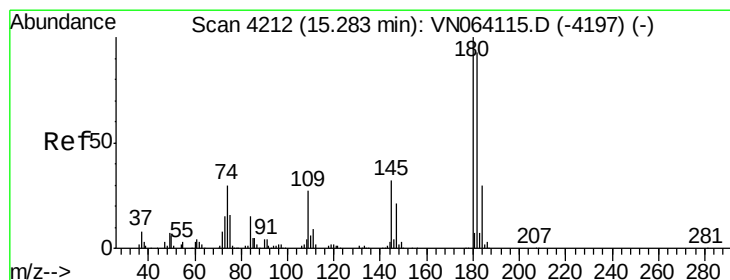
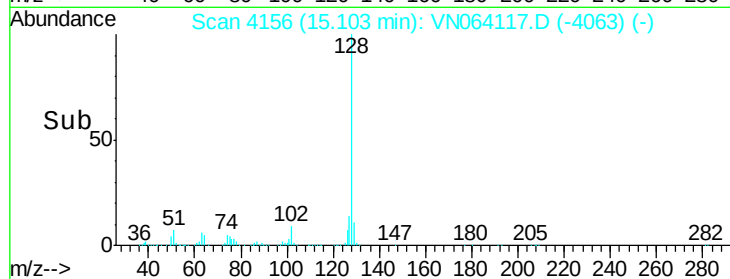
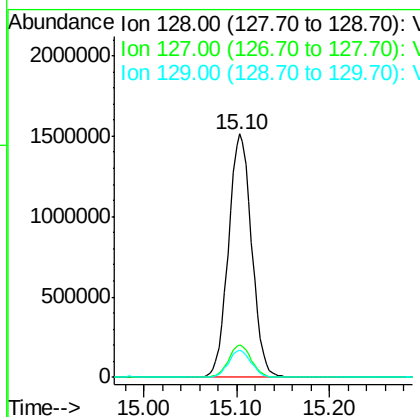
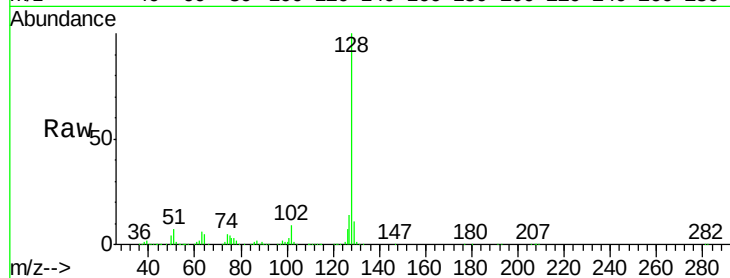
#95
Naphthalene
Concen: 150.544 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064117.D
Acq: 14 Oct 2020 16:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.4
129	10.9	8.5	12.7

Manual Integrations
APPROVED

MMDadoda
10/15/2020 12:17:28 PM



#96
1,2,3-Trichlorobenzene
Concen: 145.581 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064117.D
Acq: 14 Oct 2020 16:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	46.6	139.8
145	32.4	16.1	48.2

