

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101420\
 Data File : VN064115.D
 Acq On : 14 Oct 2020 15:29
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 10/15/2020 12:17:24 PM

Quant Time: Oct 14 16:19:34 2020
 Quant Title :
 QLast Update : Thu Oct 15 01:16:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	368079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	615271	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	585220	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	284070	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	242444	41.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.48%	
35) Dibromofluoromethane	7.55	113	198949	46.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.86%	
50) Toluene-d8	10.06	98	761036	47.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.22%	
62) 4-Bromofluorobenzene	12.38	95	262057	43.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.96%	

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.83	85	174772	45.230	ug/l	100
3) Chloromethane	2.04	50	206295	45.269	ug/l	100
4) Vinyl Chloride	2.16	62	254484	53.887	ug/l	100
5) Bromomethane	2.53	94	193417	61.803	ug/l	100
6) Chloroethane	2.67	64	198929	67.090	ug/l	100
7) Trichlorofluoromethane	2.98	101	351956	48.283	ug/l	100
8) Diethyl Ether	3.37	74	112480	46.344	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	175082	45.417	ug/l	100
10) Methyl Iodide	3.91	142	254089	55.182	ug/l	100
11) Tert butyl alcohol	4.73	59	138784	213.809	ug/l	100
12) 1,1-Dichloroethene	3.70	96	174846	47.048	ug/l	100
13) Acrolein	3.57	56	119247	281.488	ug/l	100
14) Allyl chloride	4.28	41	275609	41.133	ug/l	100
15) Acrylonitrile	4.93	53	409855	218.080	ug/l	100
16) Acetone	3.78	43	364374	200.613	ug/l	100
17) Carbon Disulfide	4.01	76	512127	46.980	ug/l	100
18) Methyl Acetate	4.28	43	180657	38.367	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	549947	41.948	ug/l	100
20) Methylene Chloride	4.50	84	217826	46.697	ug/l	100
21) trans-1,2-Dichloroethene	4.99	96	203398	48.548	ug/l	100
22) Diisopropyl ether	5.90	45	568458	41.349	ug/l	100
23) Vinyl Acetate	5.85	43	2623557	228.018	ug/l	100
24) 1,1-Dichloroethane	5.80	63	375437	46.630	ug/l	100
25) 2-Butanone	6.78	43	586331	225.488	ug/l	100
26) 2,2-Dichloropropane	6.78	77	302510	41.726	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	237641	49.399	ug/l	100
28) Bromochloromethane	7.15	49	171801	43.876	ug/l #	100
29) Tetrahydrofuran	7.16	42	349486	203.244	ug/l	100
30) Chloroform	7.33	83	405736	48.034	ug/l	100
31) Cyclohexane	7.61	56	270783	39.531	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	357406	47.284	ug/l	100
36) 1,1-Dichloropropene	7.76	75	294729	47.369	ug/l	100
37) Ethyl Acetate	6.88	43	261404	42.871	ug/l	100
38) Carbon Tetrachloride	7.73	117	311079	44.871	ug/l	100
39) Methylcyclohexane	9.05	83	256825	42.422	ug/l	100

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40) Benzene	8.00	78	894193	49.809	ug/l	100
41) Methacrylonitrile	7.13	41	114196	43.182	ug/l	100
42) 1,2-Dichloroethane	8.08	62	323442	43.354	ug/l	100
43) Isopropyl Acetate	8.13	43	431422	43.428	ug/l	100
44) Trichloroethene	8.80	130	235931	49.995	ug/l	100
45) 1,2-Dichloropropane	9.08	63	231352	48.175	ug/l	100
46) Dibromomethane	9.18	93	162464	48.774	ug/l	100
47) Bromodichloromethane	9.37	83	331908	48.691	ug/l	100
48) Methyl methacrylate	9.17	41	209933	42.711	ug/l	100
49) 1,4-Dioxane	9.17	88	57125	817.154	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	1322975	226.120	ug/l	100
52) Toluene	10.13	92	571509	51.464	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	346693	47.745	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	371708	48.795	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	226827	51.057	ug/l	100
56) Ethyl methacrylate	10.40	69	310926	49.966	ug/l	100
57) 1,3-Dichloropropane	10.68	76	376841	50.365	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	796985	240.762	ug/l	100
59) 2-Hexanone	10.72	43	948065	218.790	ug/l	100
60) Dibromochloromethane	10.87	129	262810	50.672	ug/l	100
61) 1,2-Dibromoethane	10.98	107	239978	52.607	ug/l	100
64) Tetrachloroethene	10.60	164	222065	48.465	ug/l	100
65) Chlorobenzene	11.41	112	616190	50.736	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	237090	51.127	ug/l	100
67) Ethyl Benzene	11.48	91	1080221	49.524	ug/l	100
68) m/p-Xylenes	11.59	106	828372	101.272	ug/l	100
69) o-Xylene	11.92	106	390227	51.028	ug/l	100
70) Styrene	11.94	104	670048	51.751	ug/l	100
71) Bromoform	12.10	173	182232	51.506	ug/l #	100
73) Isopropylbenzene	12.23	105	1024111	49.359	ug/l	100
74) N-amyl acetate	12.04	43	388855	46.441	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	322164	50.386	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	282223m	45.023	ug/l	100
77) Bromobenzene	12.50	156	270332	52.256	ug/l	100
78) n-propylbenzene	12.57	91	1164358	48.287	ug/l	100
79) 2-Chlorotoluene	12.65	91	712080	47.895	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	858710	49.330	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	106433	49.221	ug/l	100
82) 4-Chlorotoluene	12.75	91	736933	47.945	ug/l	100
83) tert-Butylbenzene	12.97	119	697739	49.031	ug/l	100
84) 1,2,4-Trimethylbenzene	13.02	105	855758	49.491	ug/l	100
85) sec-Butylbenzene	13.15	105	908315	48.702	ug/l	100
86) p-Isopropyltoluene	13.26	119	816395	49.544	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	471060	50.728	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	469522	48.515	ug/l	100
89) n-Butylbenzene	13.59	91	667225	44.489	ug/l	100
90) Hexachloroethane	13.85	117	138441	44.158	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	470329	50.857	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	63068	43.205	ug/l	100
93) 1,2,4-Trichlorobenzene	14.88	180	212026	42.952	ug/l	100
94) Hexachlorobutadiene	14.98	225	105933	37.091	ug/l	100

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QLast Update : Thu Oct 15 01:16:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.10	128	631143	41.983	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	213883	42.991	ug/l	100

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

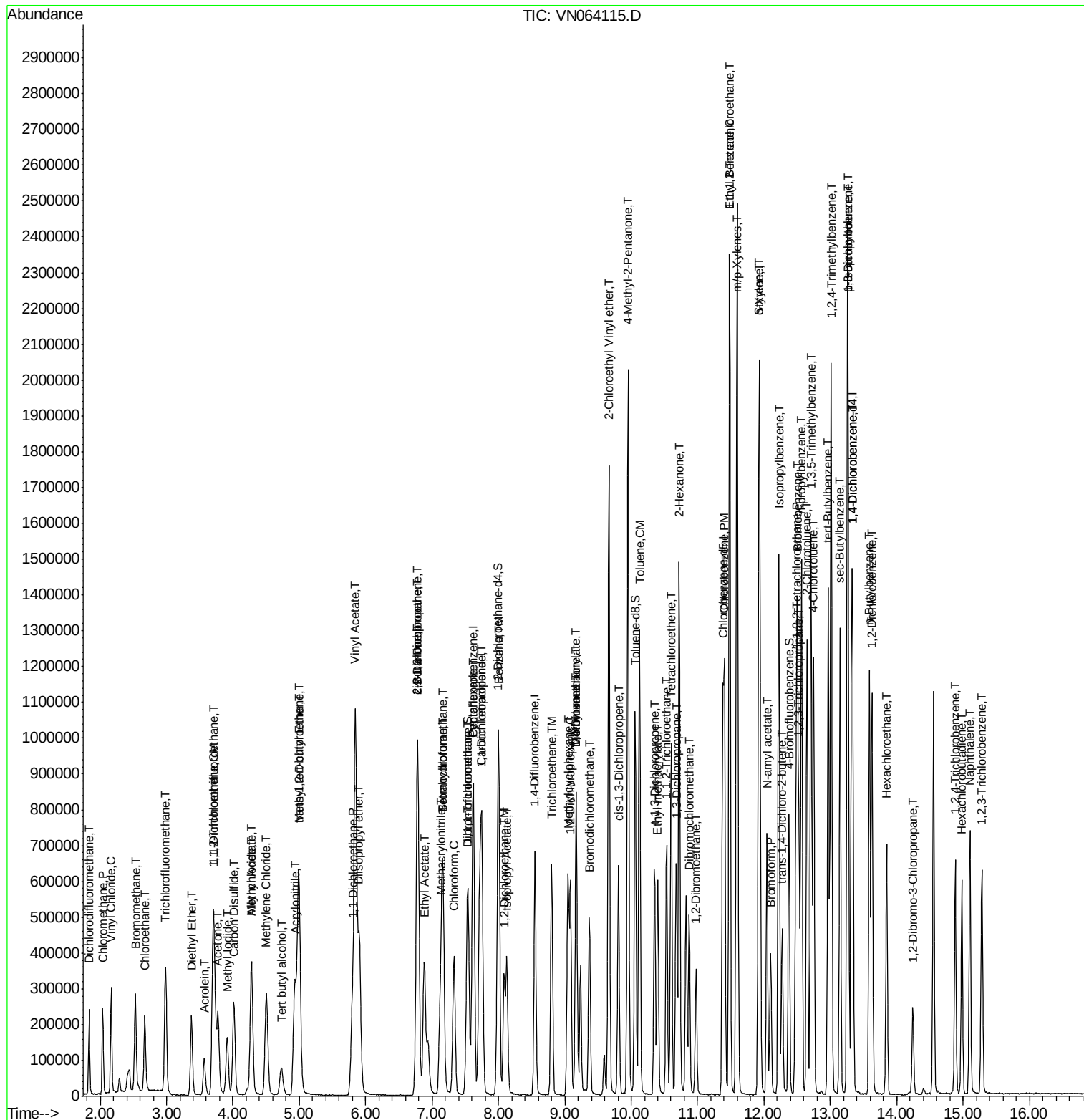
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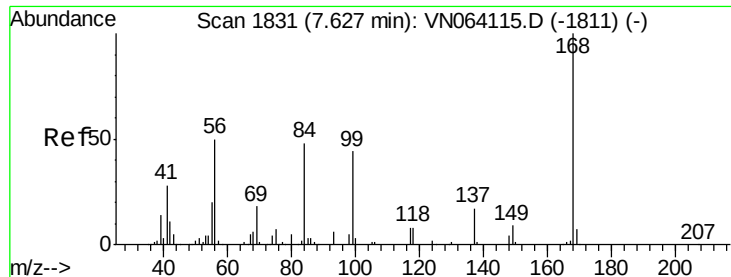
Instrument :
MSVOA_N
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 368079

Ion Ratio Lower Upper

168 100

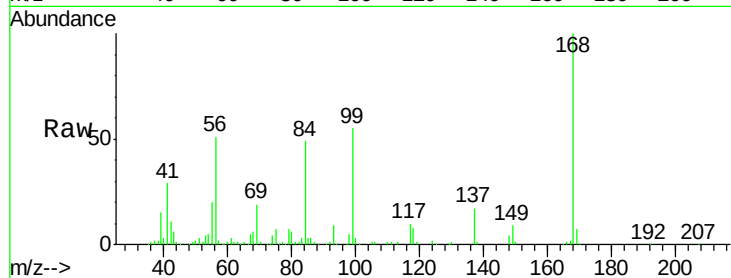
99 54.5 43.6 65.4

Manual Integrations

APPROVED

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10/15/2020 12:17:24 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

150000

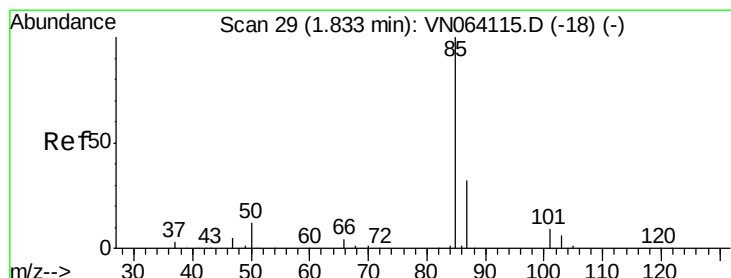
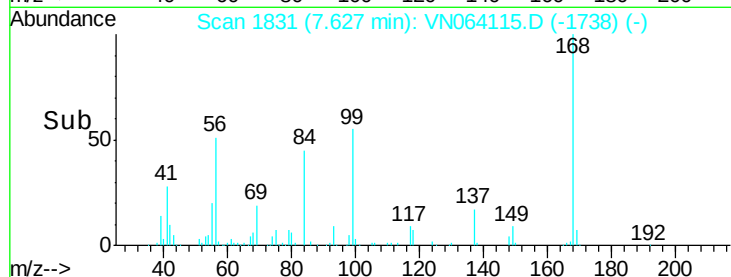
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50000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 45.230 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064115.D

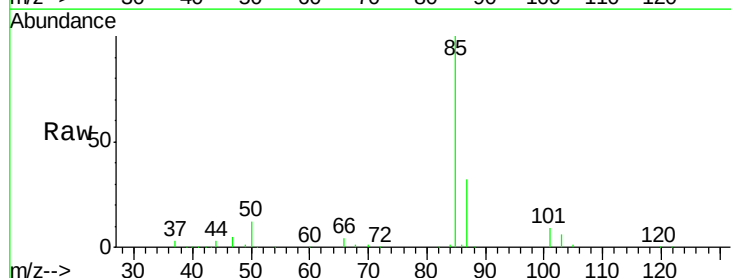
Acq: 14 Oct 2020 15:29

Tgt Ion: 85 Resp: 174772

Ion Ratio Lower Upper

85 100

87 32.2 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

150000

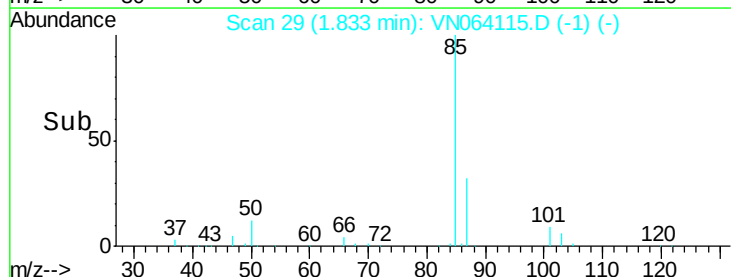
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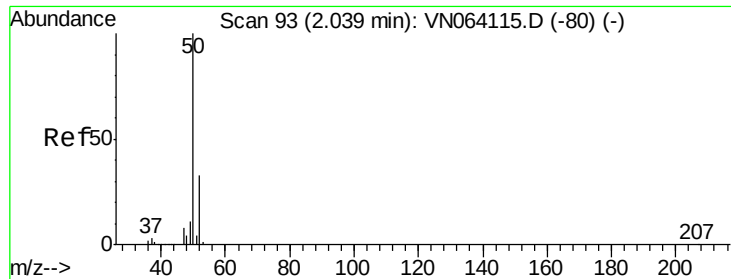
50000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 45.269 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 206295

Ion Ratio Lower Upper

50 100

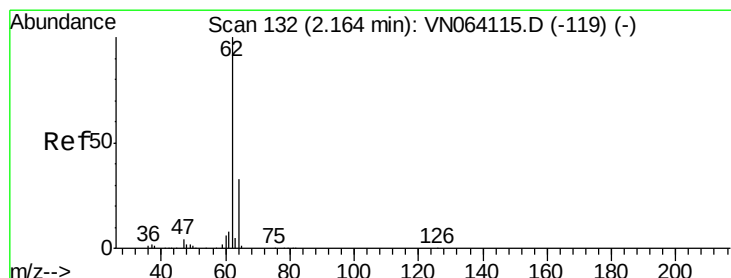
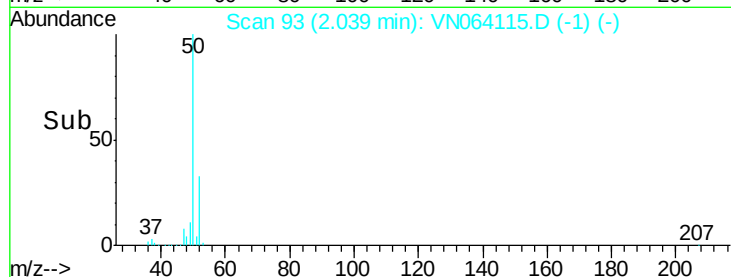
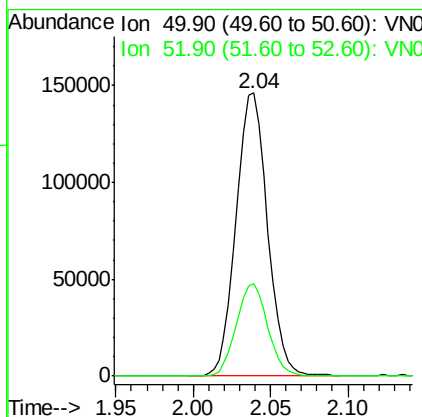
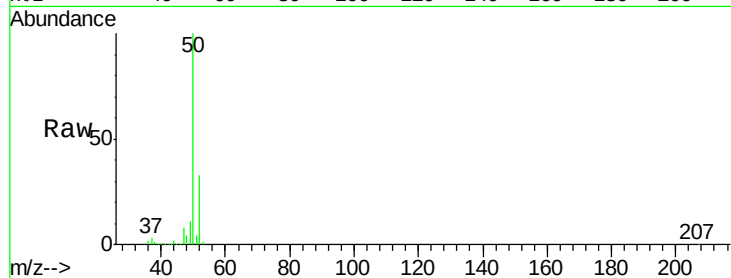
52 32.6 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 53.887 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064115.D

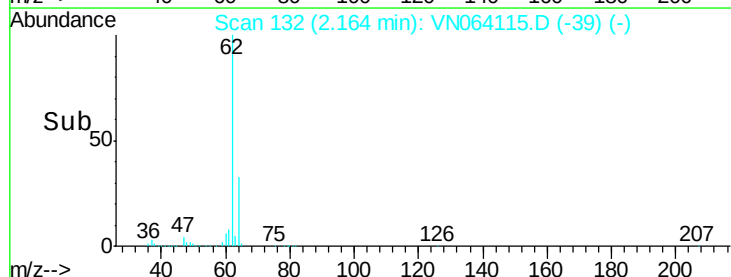
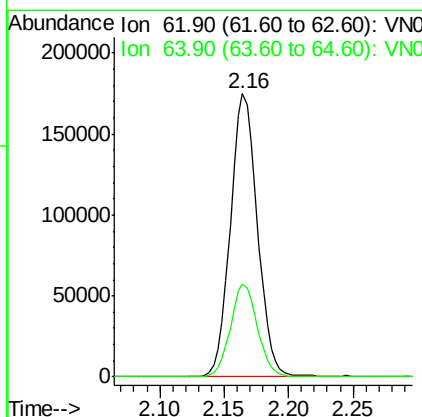
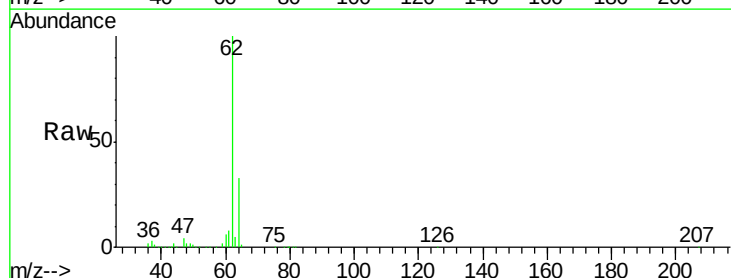
Acq: 14 Oct 2020 15:29

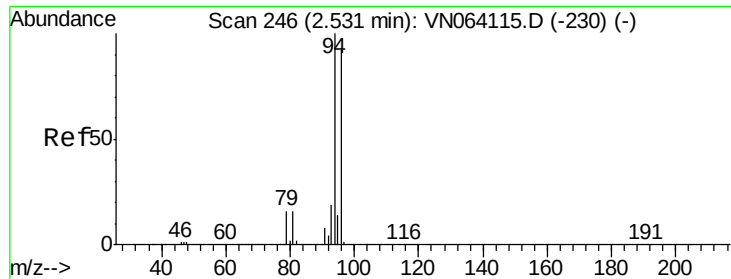
Tgt Ion: 62 Resp: 254484

Ion Ratio Lower Upper

62 100

64 32.8 26.2 39.4





#5

Bromomethane

Concen: 61.803 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 193417

Ion Ratio Lower Upper

94 100

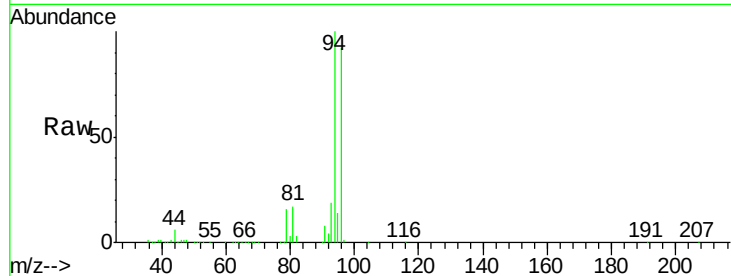
96 91.9 73.5 110.3

Manual Integrations

APPROVED

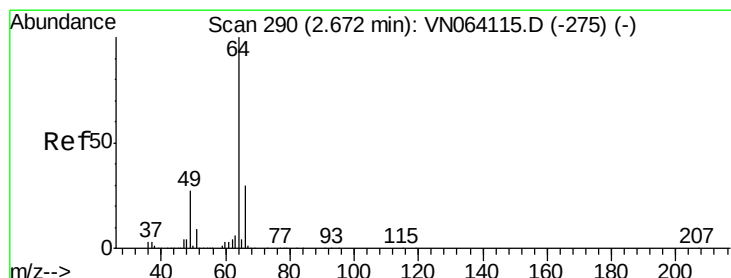
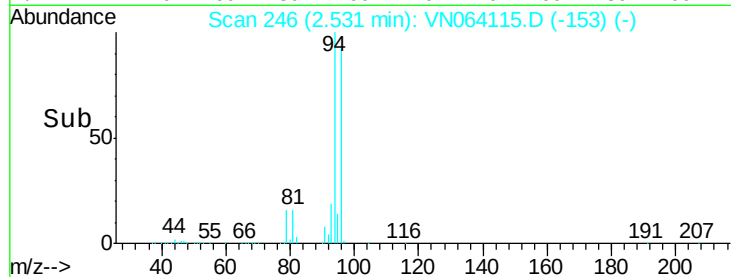
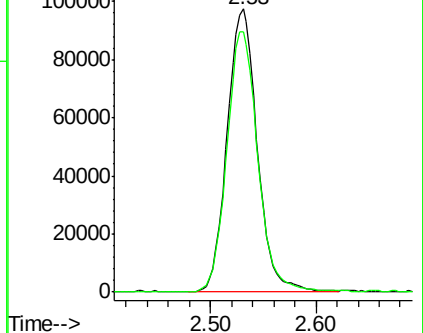
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Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 67.090 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN064115.D

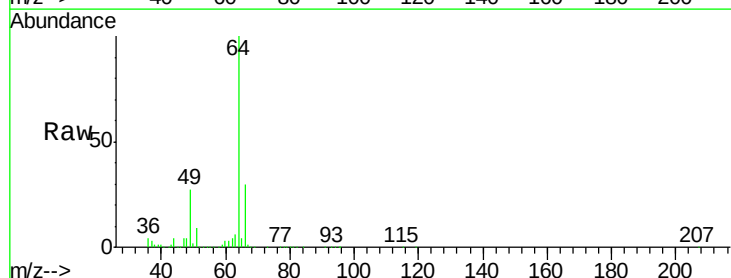
Acq: 14 Oct 2020 15:29

Tgt Ion: 64 Resp: 198929

Ion Ratio Lower Upper

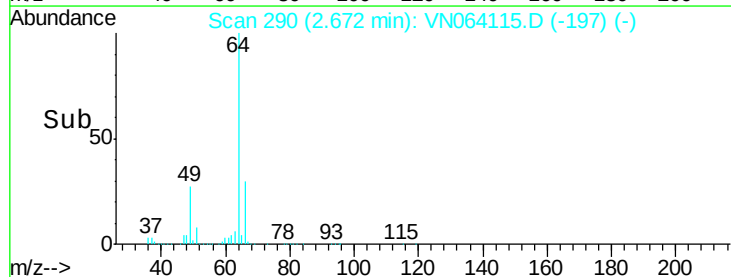
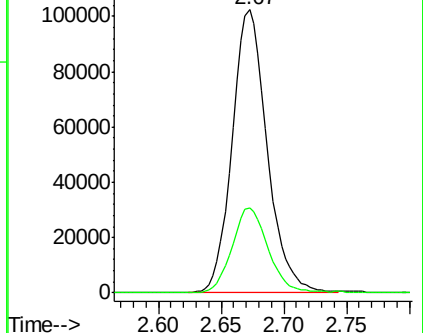
64 100

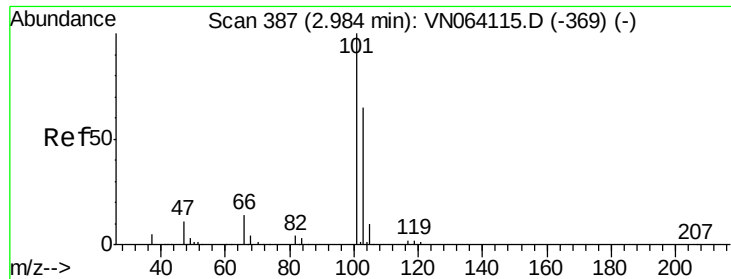
66 30.2 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO





#7

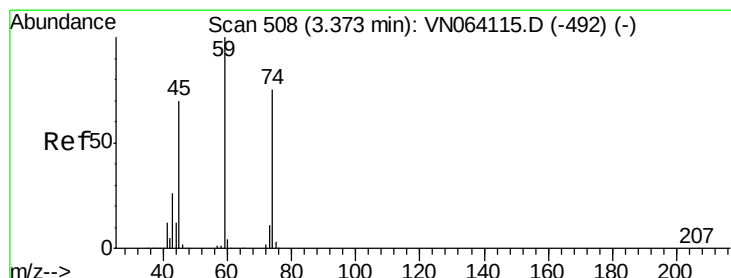
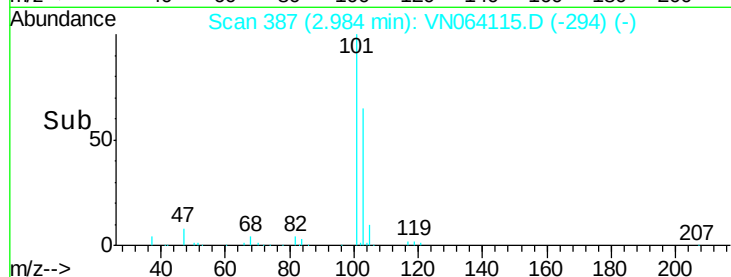
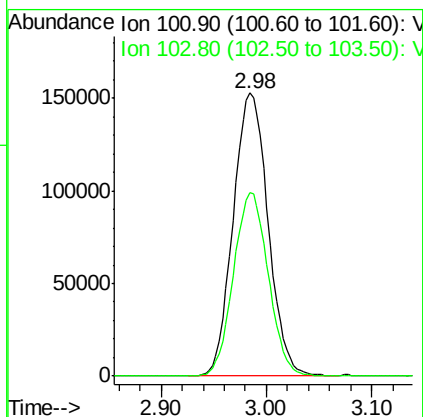
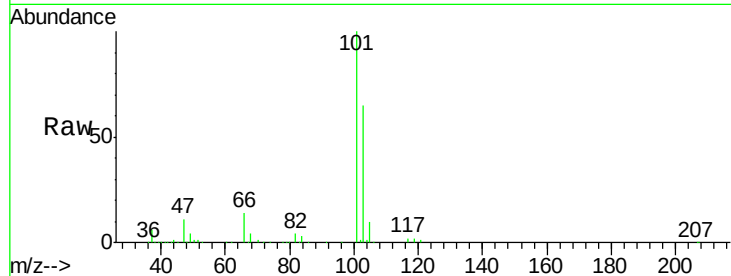
Trichlorofluoromethane
Concen: 48.283 ug/l
RT: 2.98 min Scan# 387
Delta R.T. 0.00 min
Lab File: VN064115.D
Acq: 14 Oct 2020 15:29

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	51.8	77.6

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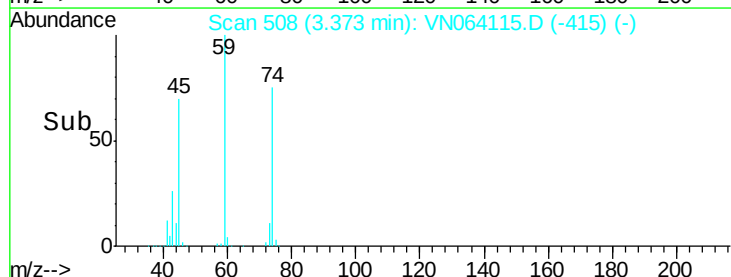
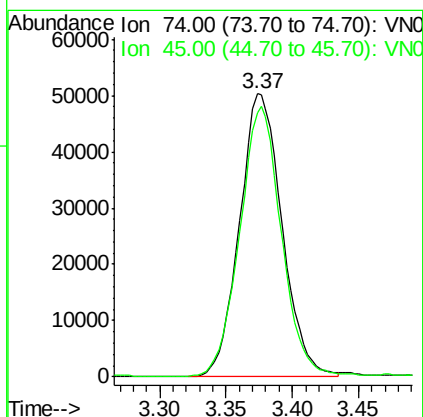
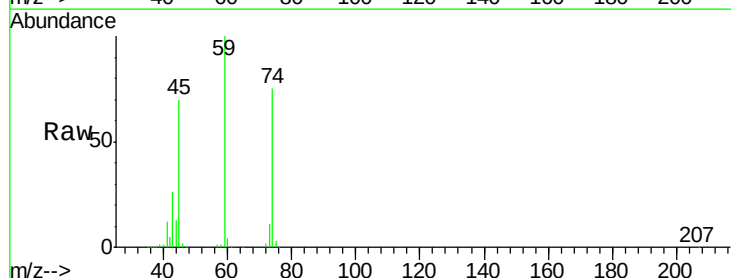
MMDadoda
10/15/2020 12:17:24 PM

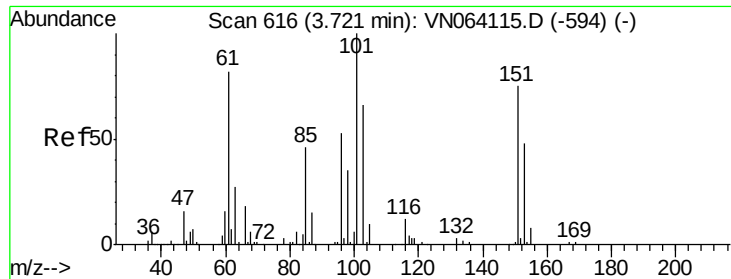


#8

Diethyl Ether
Concen: 46.344 ug/l
RT: 3.37 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN064115.D
Acq: 14 Oct 2020 15:29

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.0	47.0	141.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.417 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

Instrument :

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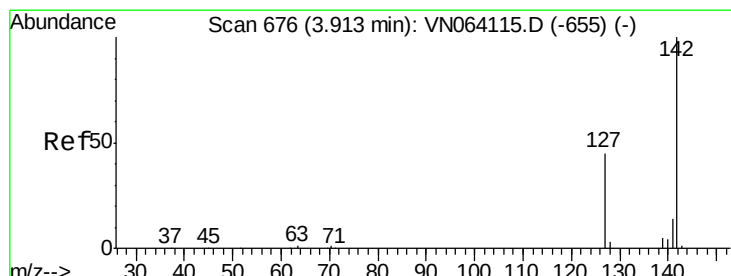
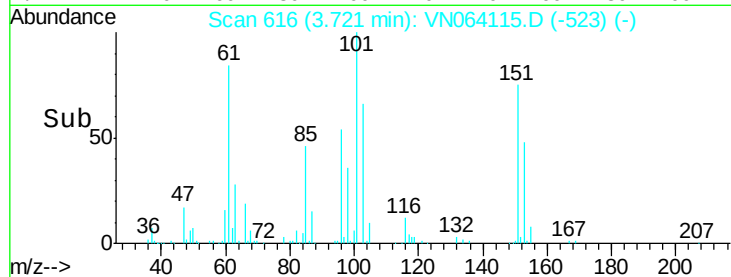
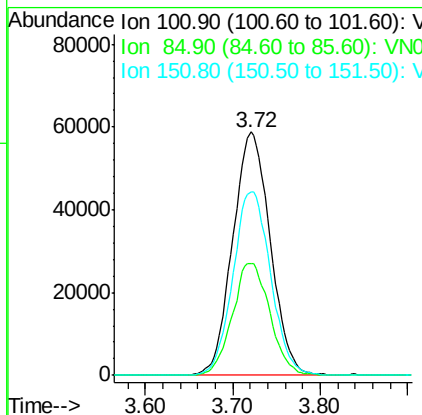
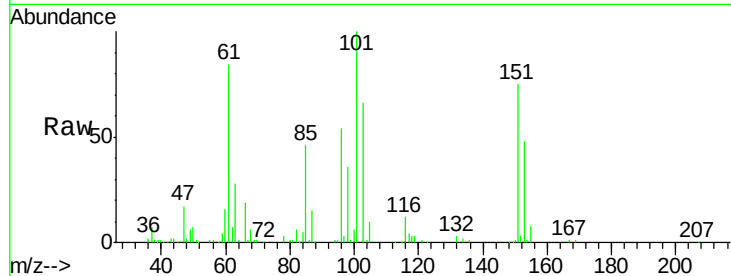
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	175082
Ion Ratio	Lower	Upper	
101	100		
85	46.1	36.9	55.3
151	75.9	60.7	91.1

Manual Integrations
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#10

Methyl Iodide

Concen: 55.182 ug/l

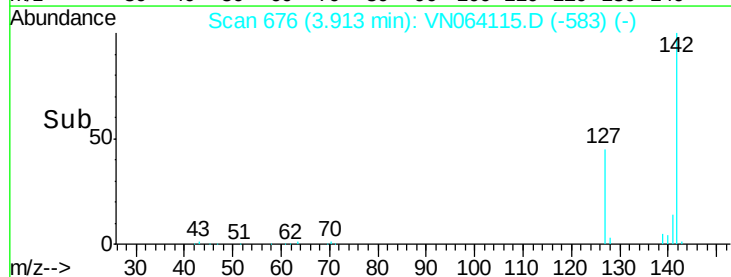
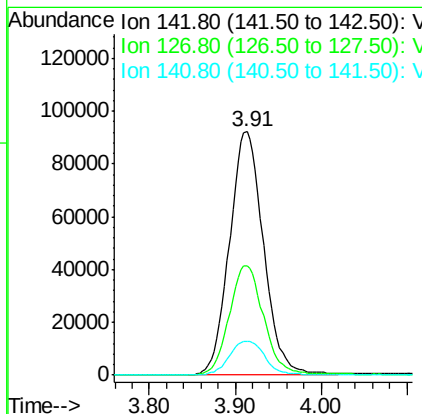
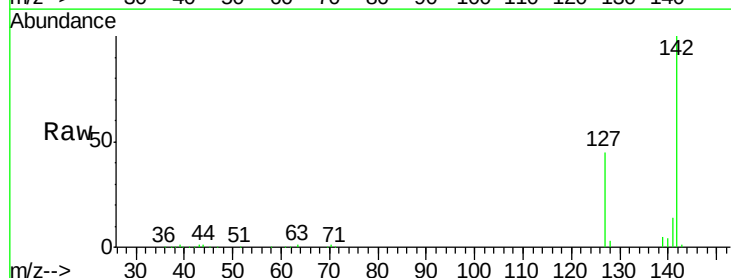
RT: 3.91 min Scan# 676

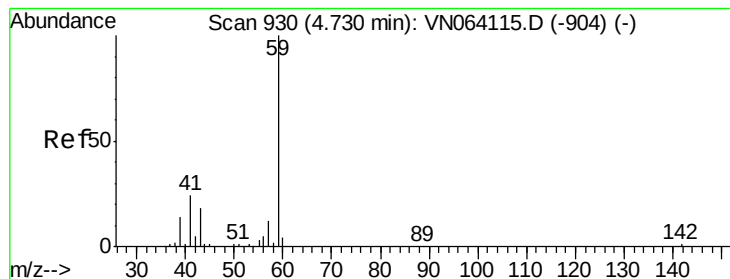
Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

Tgt Ion:	142	Resp:	254089
Ion Ratio	Lower	Upper	
142	100		
127	45.4	36.3	54.5
141	14.5	11.6	17.4





#11

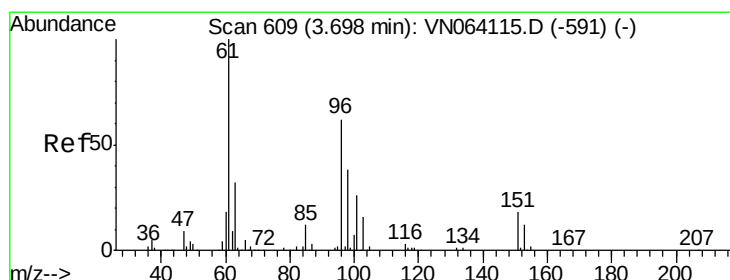
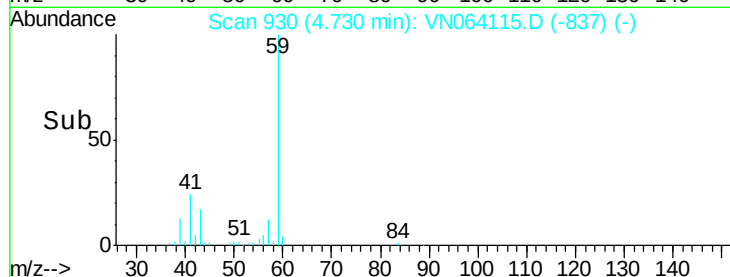
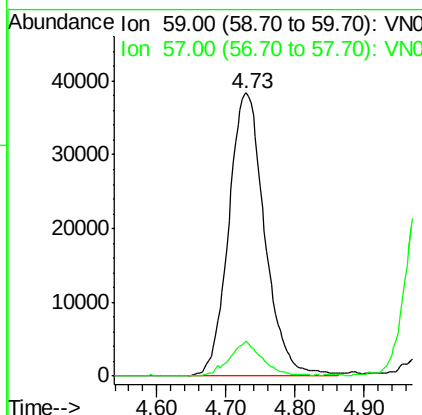
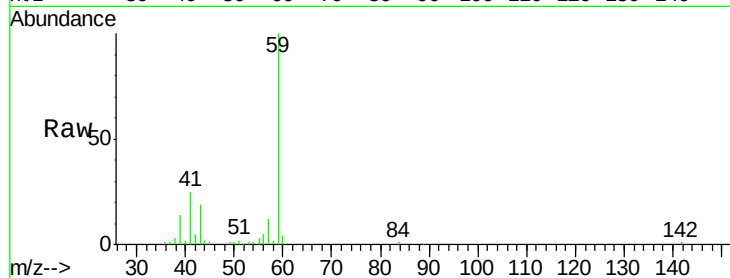
Tert butyl alcohol
Concen: 213.809 ug/l
RT: 4.73 min Scan# 930
Delta R.T. 0.00 min
Lab File: VN064115.D
Acq: 14 Oct 2020 15:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	59	Resp	138784
Ion Ratio	59	100	
Lower	57	11.1	8.9
Upper			13.3

Manual Integrations
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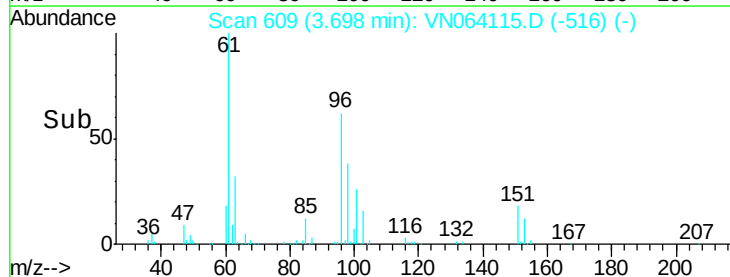
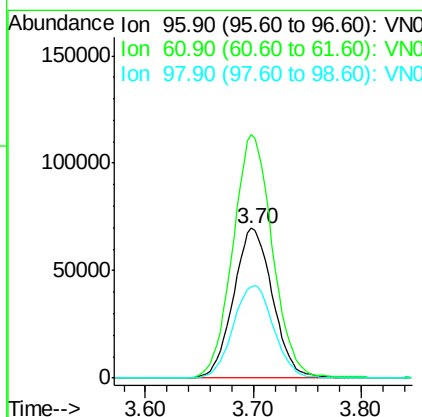
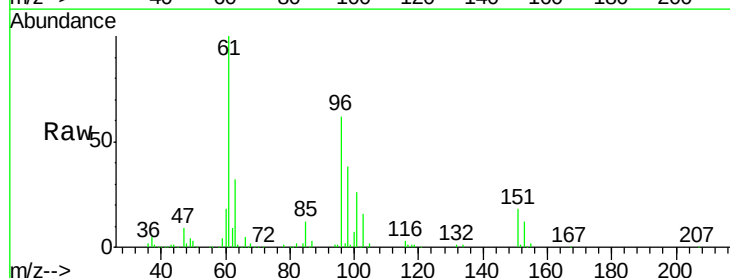
MMDadoda
10/15/2020 12:17:24 PM

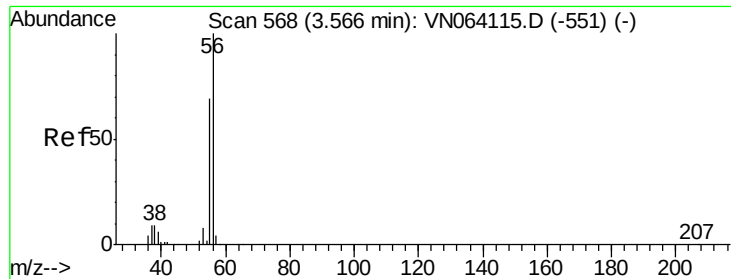


#12

1,1-Dichloroethene
Concen: 47.048 ug/l
RT: 3.70 min Scan# 609
Delta R.T. 0.00 min
Lab File: VN064115.D
Acq: 14 Oct 2020 15:29

Tgt Ion	96	Resp	174846
Ion Ratio	96	100	
Lower	61	162.4	129.9
Upper	98	61.1	48.9
			73.3





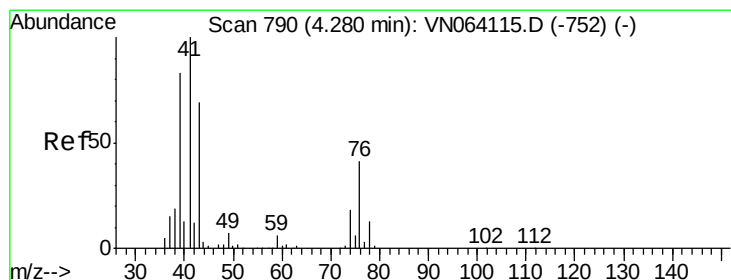
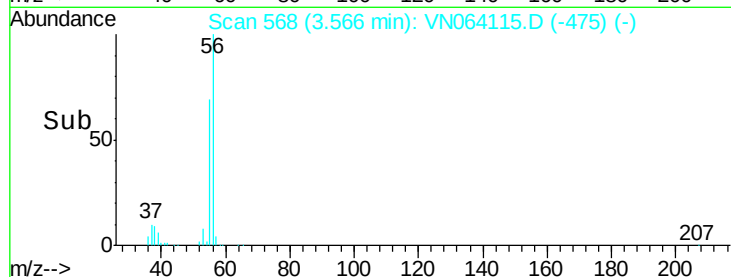
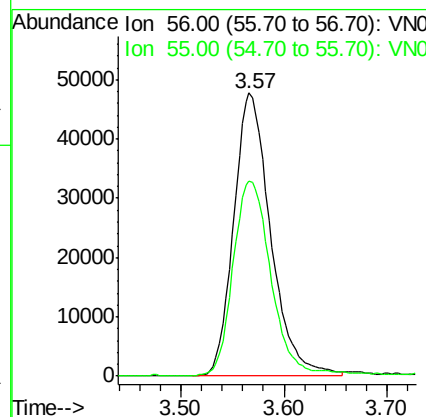
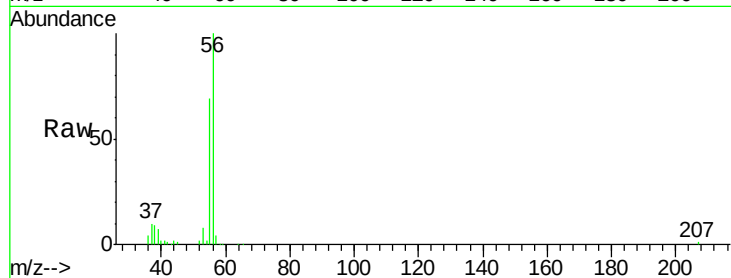
#13
Acrolein
Concen: 281.488 ug/l
RT: 3.57 min Scan# 568
Delta R.T. 0.00 min
Lab File: VN064115.D
Acq: 14 Oct 2020 15:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
56	100				
55	69.7	55.8	83.6		

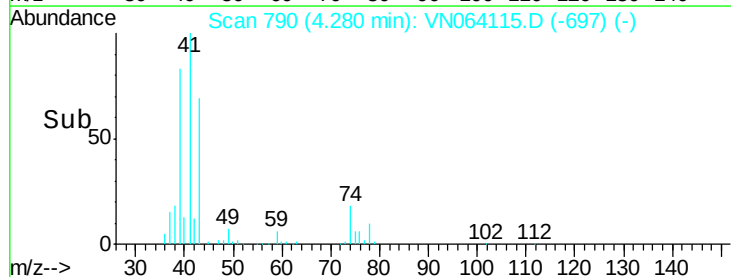
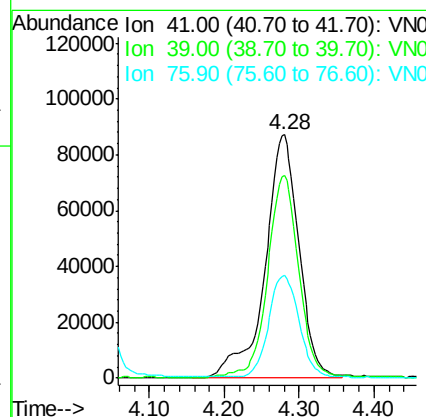
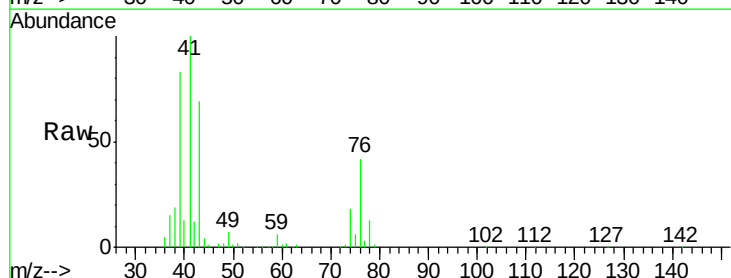
Manual Integrations
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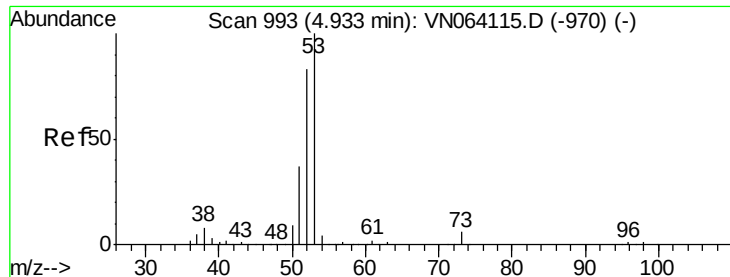
MMDadoda
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#14
Allyl chloride
Concen: 41.133 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN064115.D
Acq: 14 Oct 2020 15:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	75.6	60.5	90.7		
76	36.9	29.5	44.3		





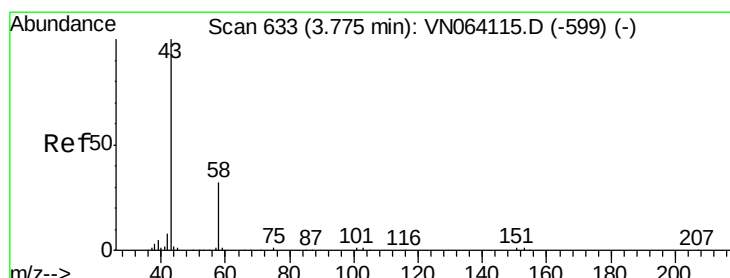
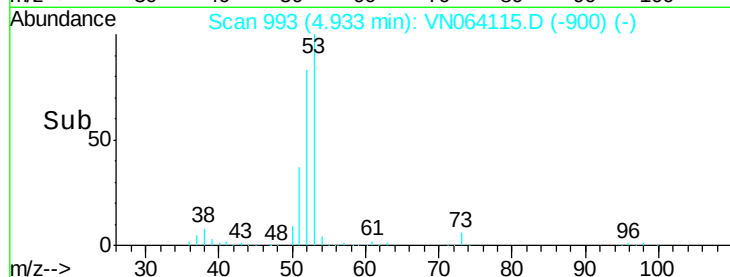
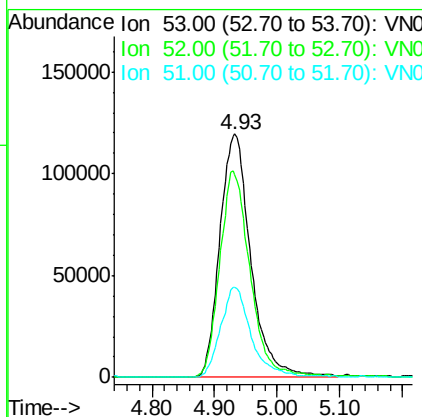
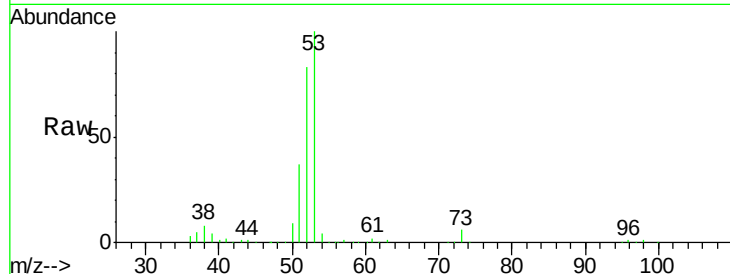
#15
 Acrylonitrile
 Concen: 218.080 ug/l
 RT: 4.93 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: VN064115.D
 Acq: 14 Oct 2020 15:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	53	Resp	409855
Ion	Ratio	Lower	Upper
53	100		
52	82.2	65.8	98.6
51	36.8	29.4	44.2

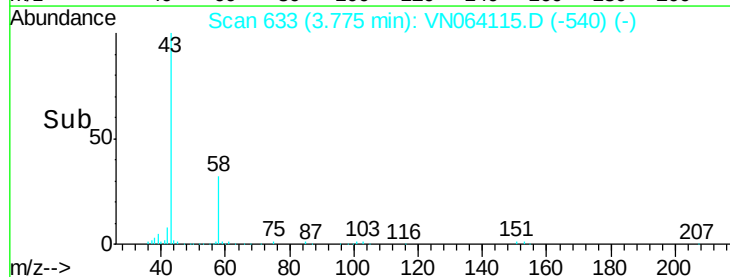
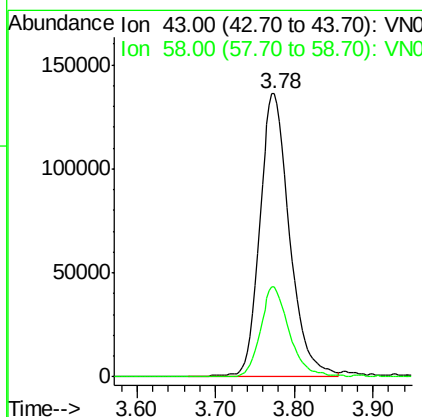
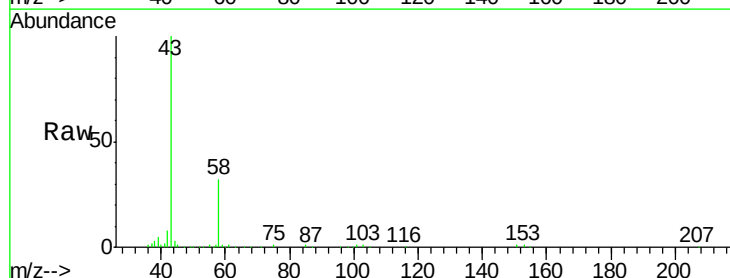
Manual Integrations
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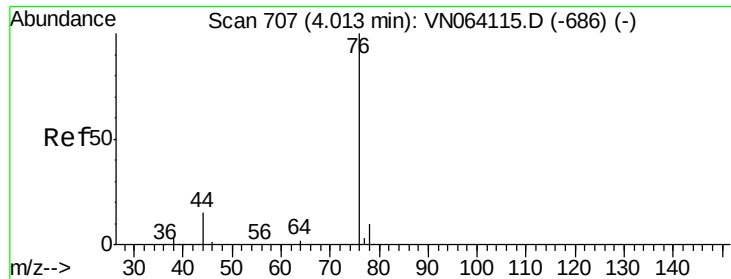
MMDadoda
 10/15/2020 12:17:24 PM



#16
 Acetone
 Concen: 200.613 ug/l
 RT: 3.78 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VN064115.D
 Acq: 14 Oct 2020 15:29

Tgt Ion	43	Resp	364374
Ion	Ratio	Lower	Upper
43	100		
58	31.5	25.2	37.8





#17

Carbon Disulfide

Concen: 46.980 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 512127

Ion Ratio Lower Upper

76 100

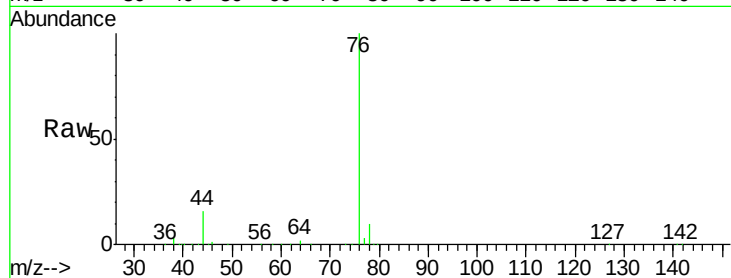
78 9.5 7.6 11.4

Manual Integrations

APPROVED

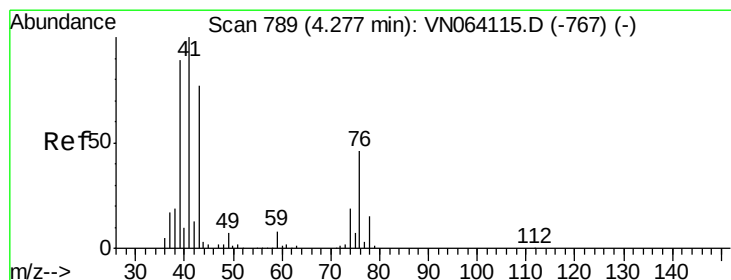
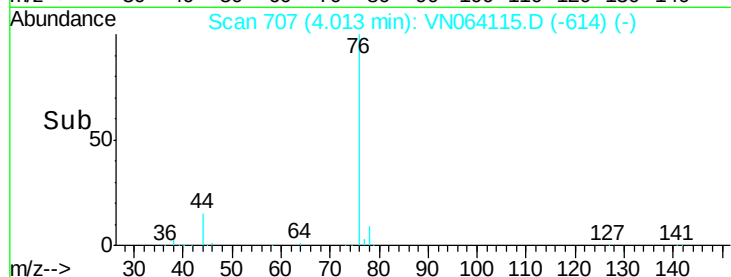
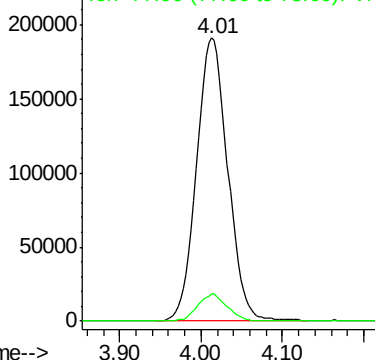
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 38.367 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN064115.D

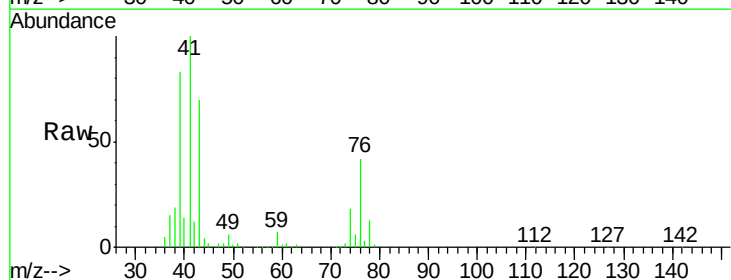
Acq: 14 Oct 2020 15:29

Tgt Ion: 43 Resp: 180657

Ion Ratio Lower Upper

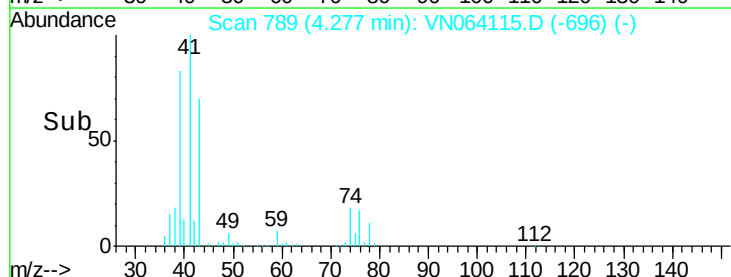
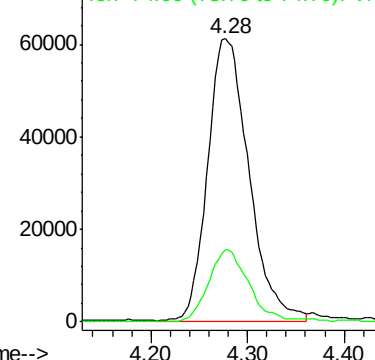
43 100

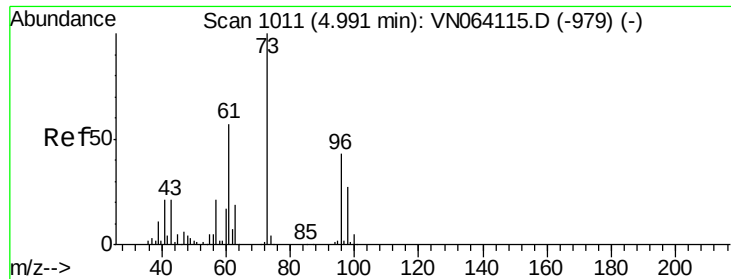
74 24.6 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO





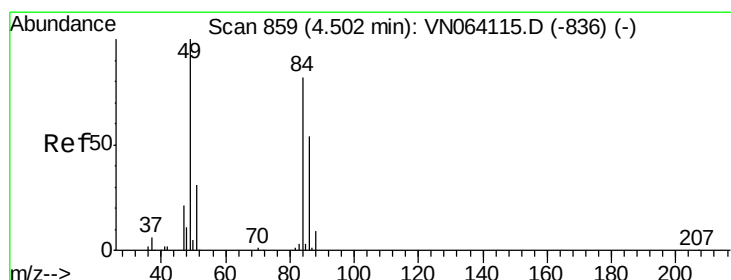
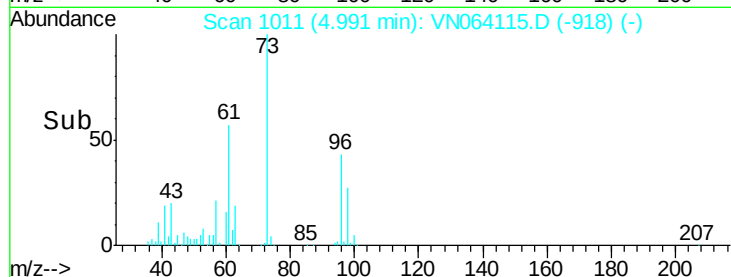
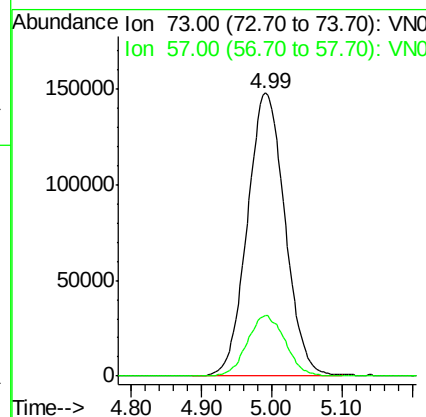
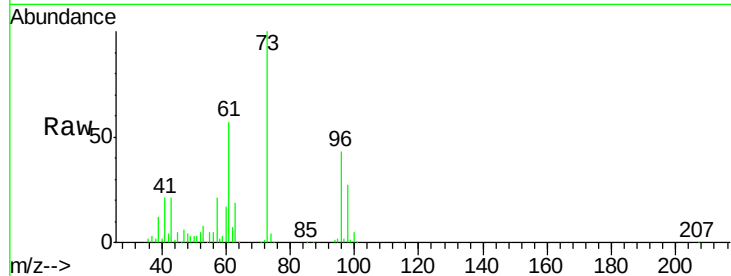
#19
Methyl tert-butyl Ether
Concen: 41.948 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN064115.D
Acq: 14 Oct 2020 15:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 73 Resp: 549947
Ion Ratio Lower Upper
73 100
57 21.2 17.0 25.4

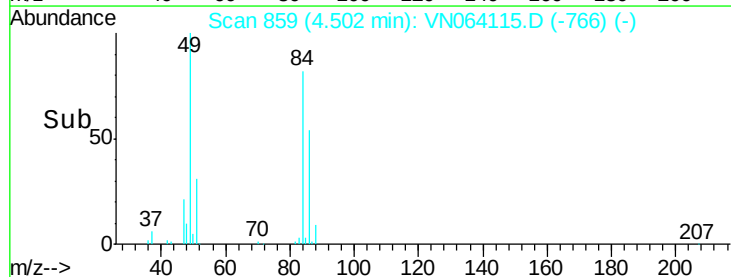
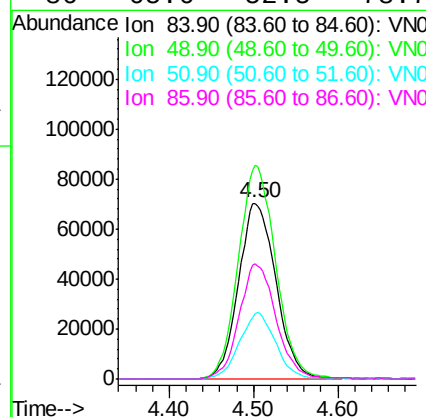
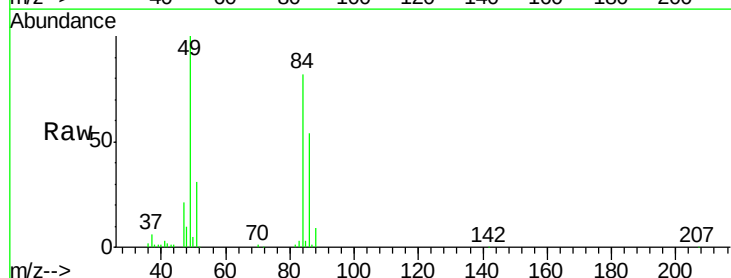
Manual Integrations
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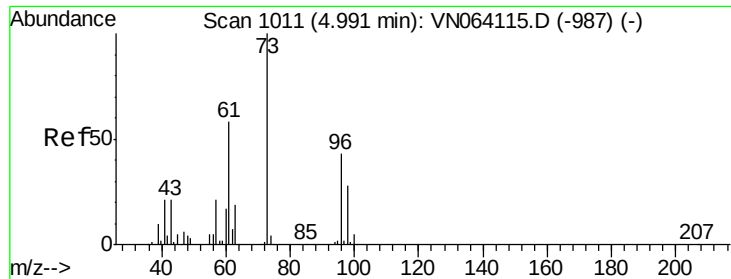
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#20
Methylene Chloride
Concen: 46.697 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN064115.D
Acq: 14 Oct 2020 15:29

Tgt Ion: 84 Resp: 217826
Ion Ratio Lower Upper
84 100
49 121.7 97.4 146.0
51 37.1 29.7 44.5
86 65.6 52.5 78.7





#21

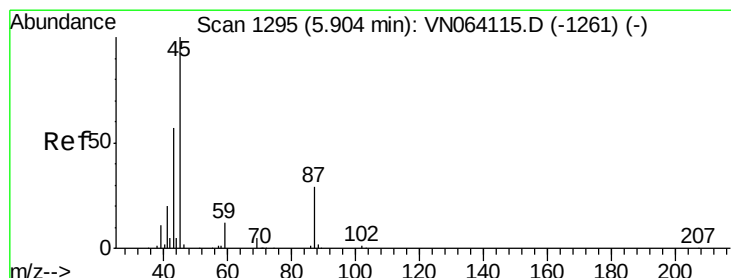
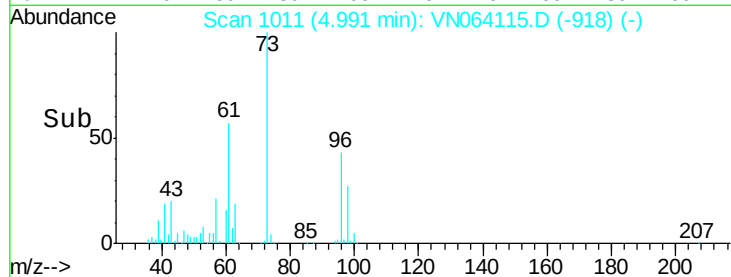
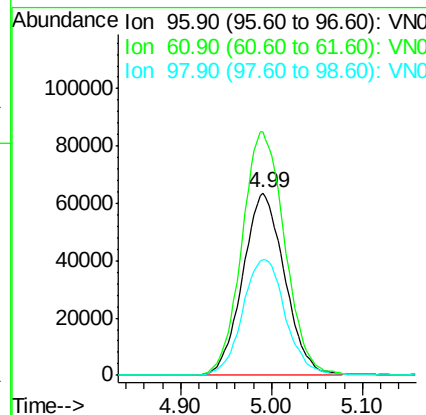
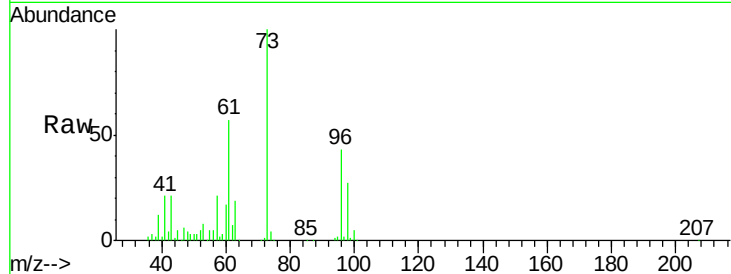
trans-1,2-Dichloroethene
Concen: 48.548 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN064115.D
Acq: 14 Oct 2020 15:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.7	107.0	160.4
98	63.8	51.0	76.6

Manual Integrations
APPROVED

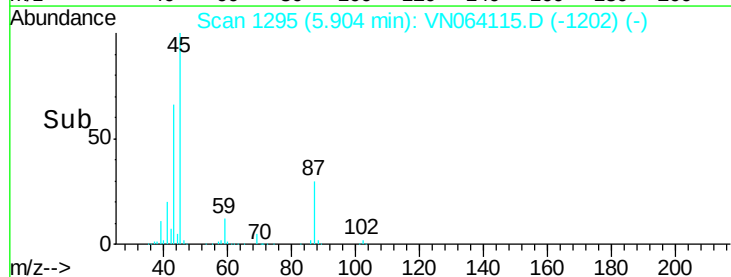
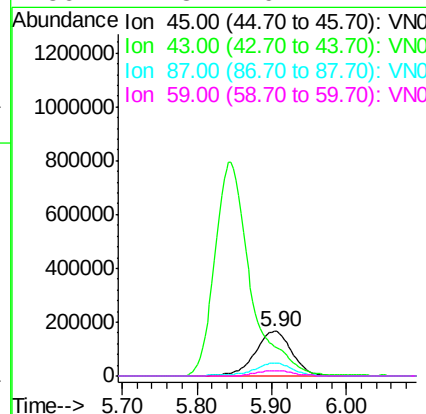
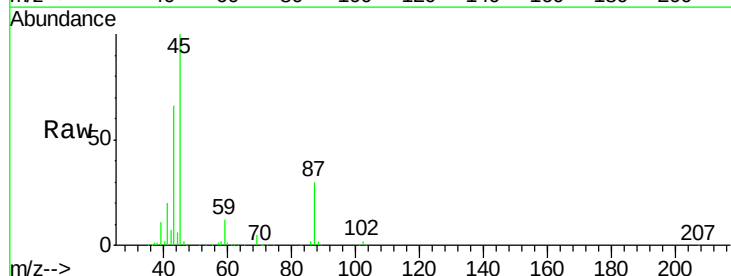
MMDadoda
10/15/2020 12:17:24 PM

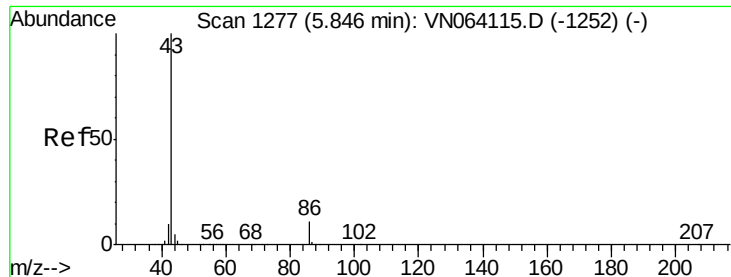


#22

Diisopropyl ether
Concen: 41.349 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN064115.D
Acq: 14 Oct 2020 15:29

Tgt Ion	Ratio	Lower	Upper
45	100		
43	63.6	50.9	76.3
87	29.4	23.5	35.3
59	11.8	9.4	14.2





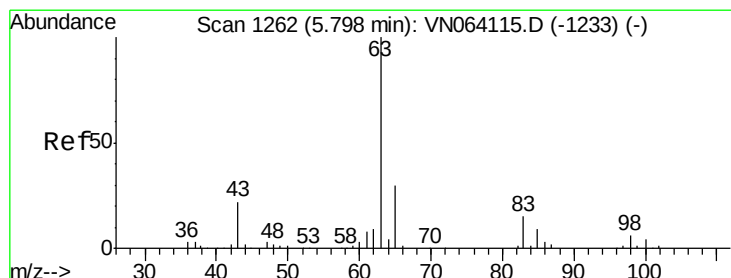
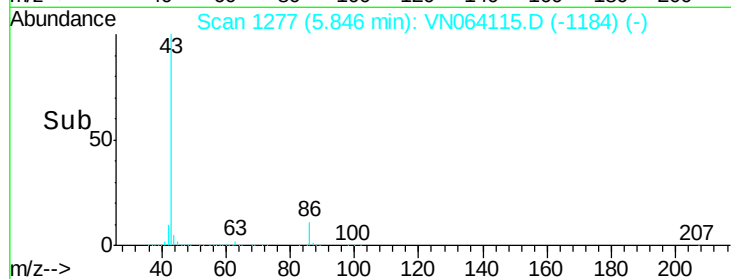
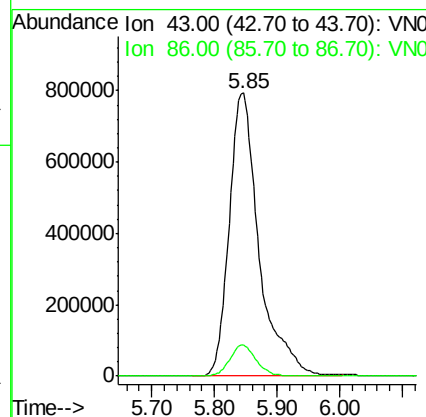
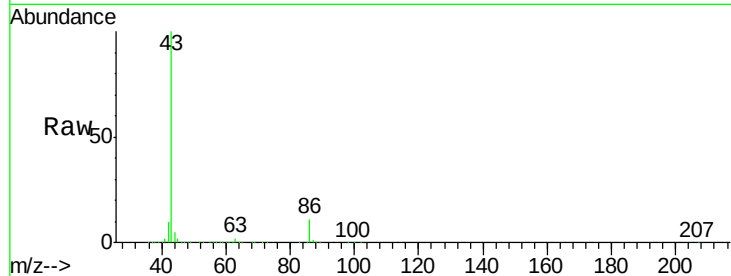
#23
Vinyl Acetate
Concen: 228.018 ug/l
RT: 5.85 min Scan# 1277
Delta R.T. 0.00 min
Lab File: VN064115.D
Acq: 14 Oct 2020 15:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 262357
Ion Ratio Lower Upper
43 100
86 11.0 8.8 13.2

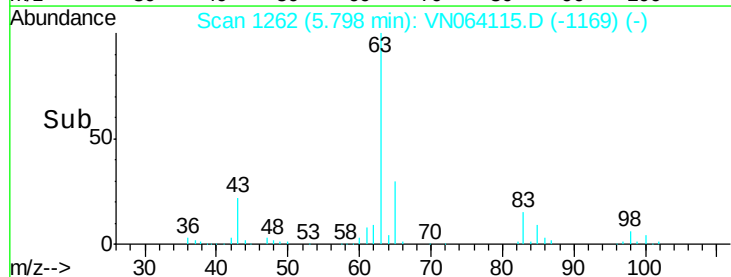
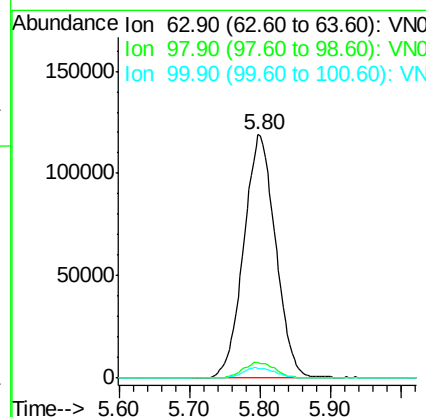
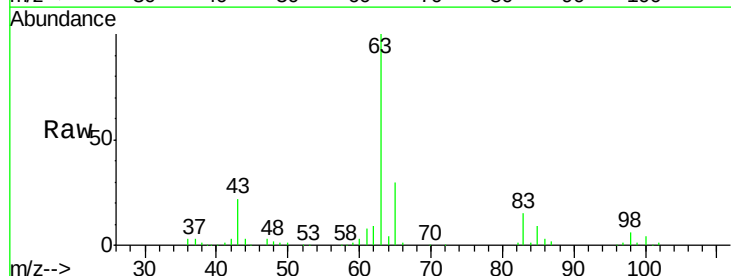
Manual Integrations
APPROVED

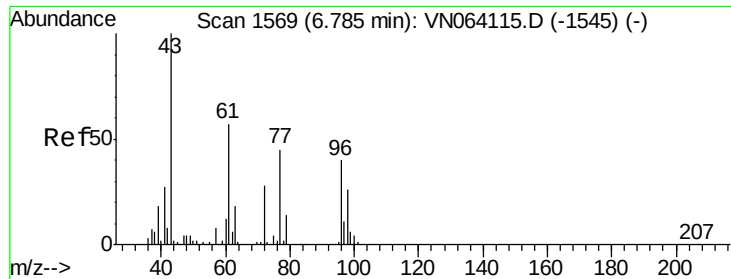
MMDadoda
10/15/2020 12:17:24 PM



#24
1,1-Dichloroethane
Concen: 46.630 ug/l
RT: 5.80 min Scan# 1262
Delta R.T. 0.00 min
Lab File: VN064115.D
Acq: 14 Oct 2020 15:29

Tgt Ion: 63 Resp: 375437
Ion Ratio Lower Upper
63 100
98 6.2 3.1 9.3
100 4.1 2.1 6.2





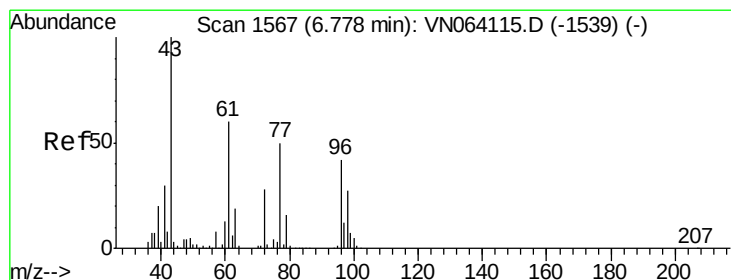
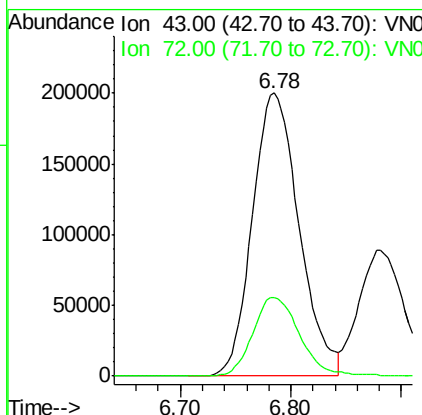
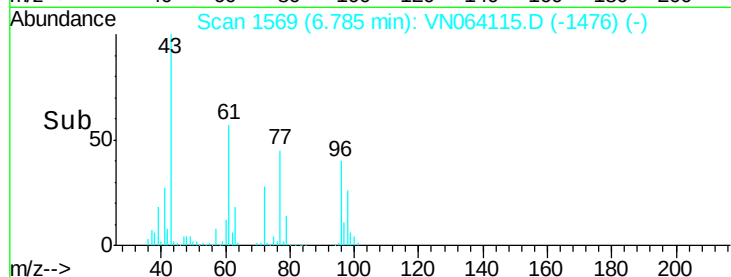
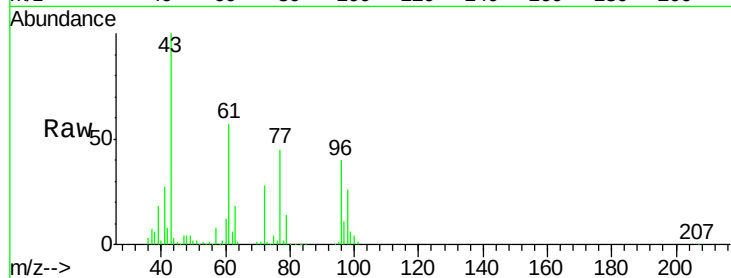
#25
2-Butanone
Concen: 225.488 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN064115.D
Acq: 14 Oct 2020 15:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 586331
Ion Ratio Lower Upper
43 100
72 27.7 22.2 33.2

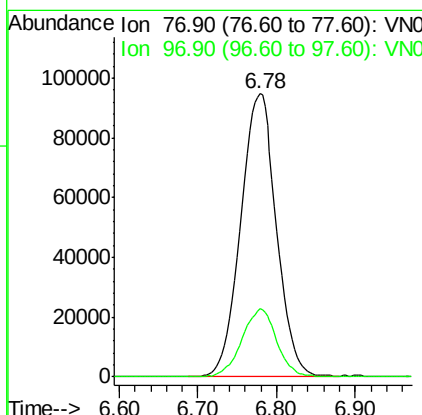
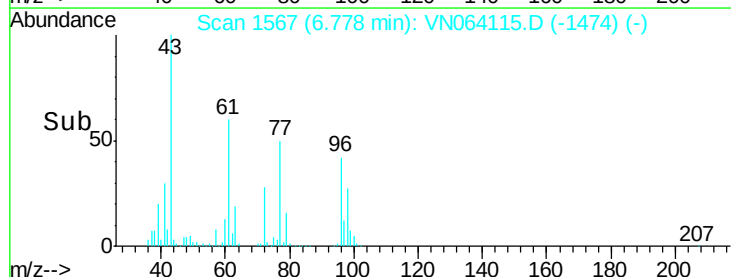
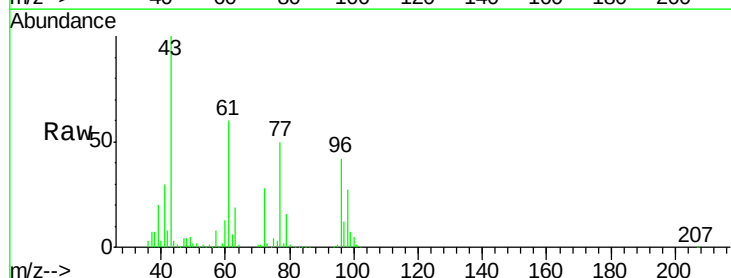
Manual Integrations
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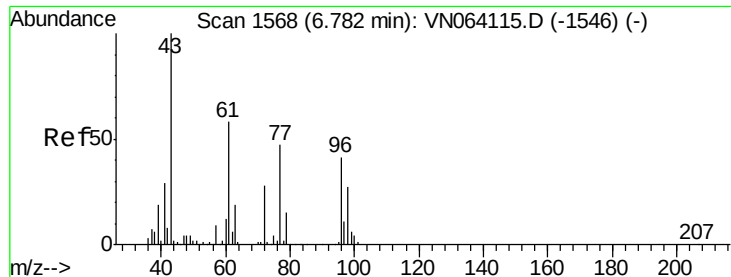
MMDadoda
10/15/2020 12:17:24 PM



#26
2,2-Dichloropropane
Concen: 41.726 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VN064115.D
Acq: 14 Oct 2020 15:29

Tgt Ion: 77 Resp: 302510
Ion Ratio Lower Upper
77 100
97 23.3 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 49.399 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

Instrument :

MSVOA_N

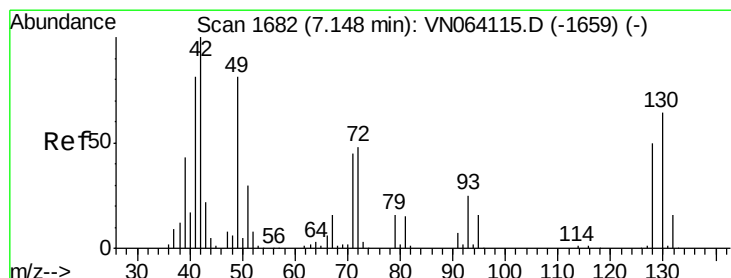
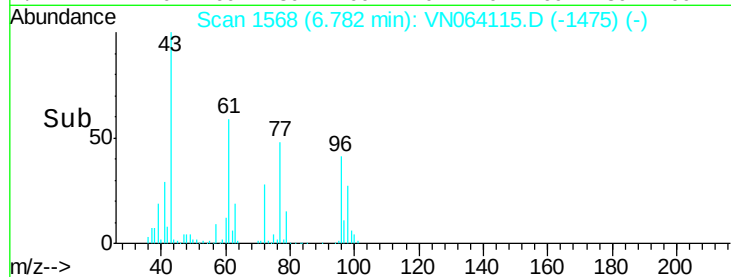
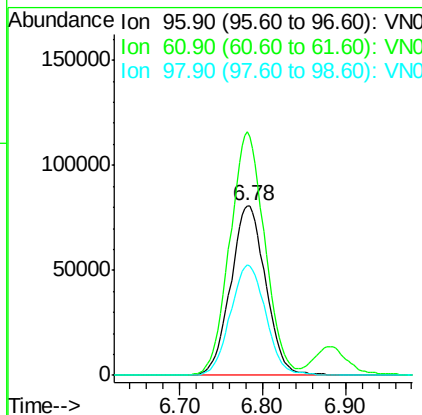
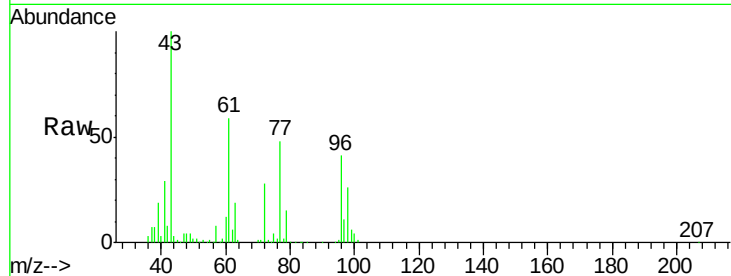
ClientSampleId :

VSTDICCC050

Tot Ion:	96	Resp:	237641
Ion	Ratio	Lower	Upper
96	100		
61	142.8	0.0	285.6
98	65.5	0.0	131.0

Manual Integrations
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10/15/2020 12:17:24 PM



#28

Bromochloromethane

Concen: 43.876 ug/l

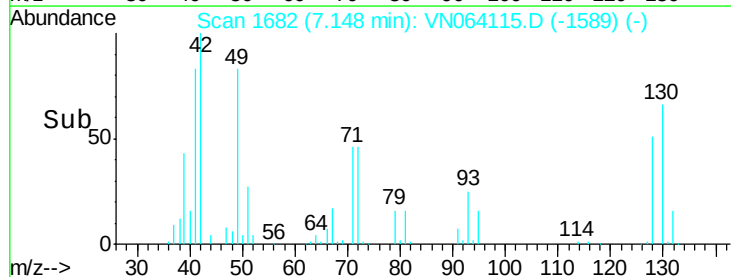
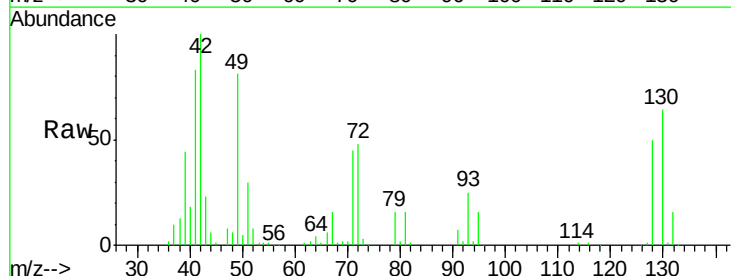
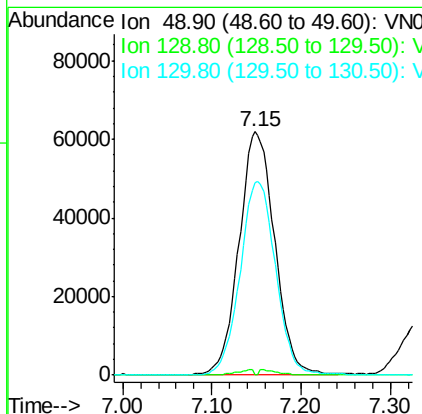
RT: 7.15 min Scan# 1682

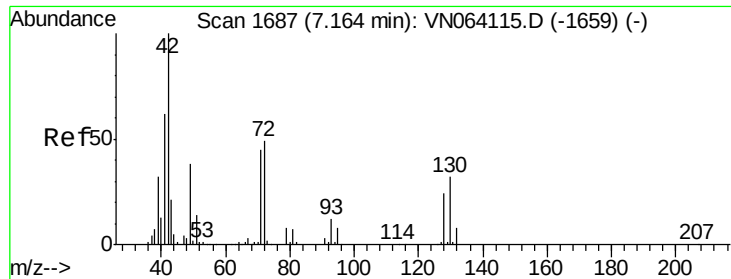
Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

Tgt Ion:	49	Resp:	171801
Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	2.0
130	0.0	0.0	0.0





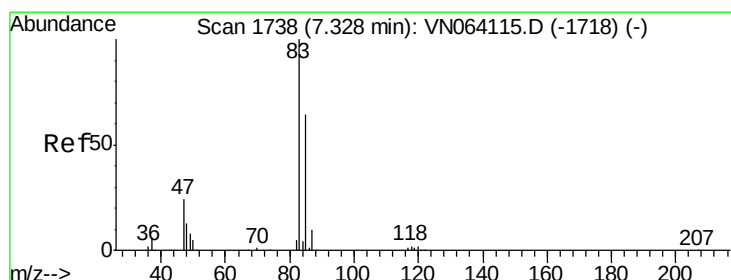
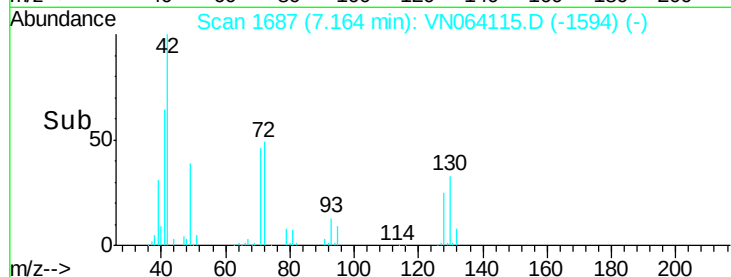
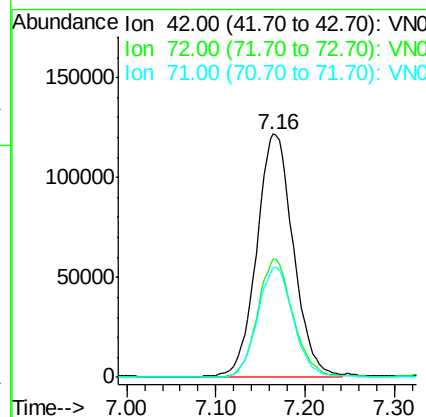
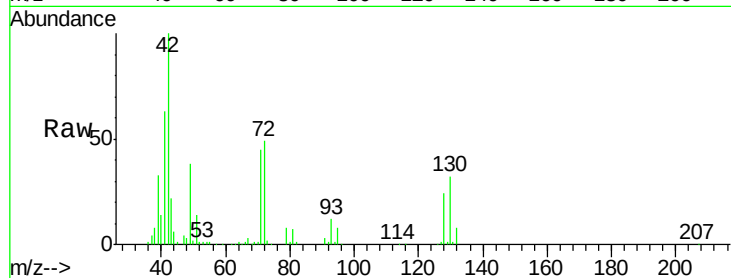
#29
Tetrahydrofuran
Concen: 203.244 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN064115.D
Acq: 14 Oct 2020 15:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.2	37.8	56.6
71	44.1	35.3	52.9

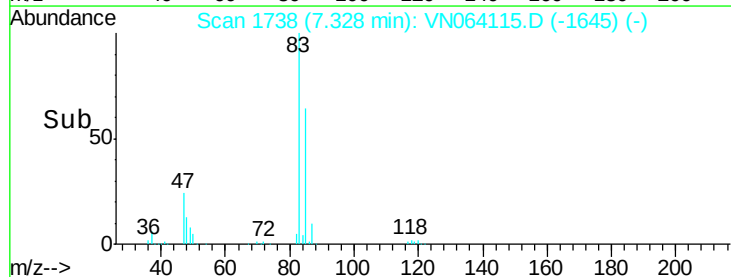
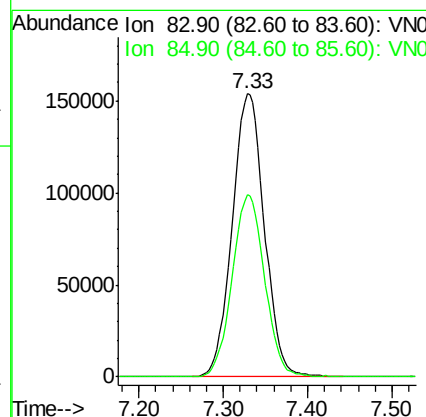
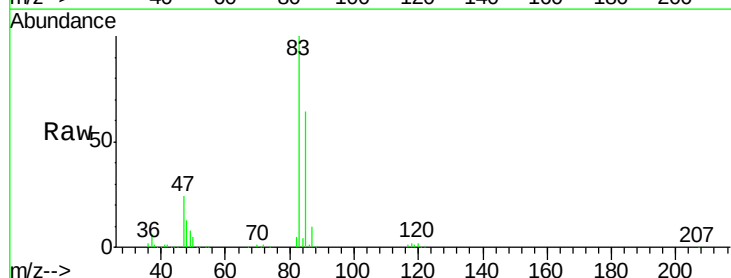
Manual Integrations
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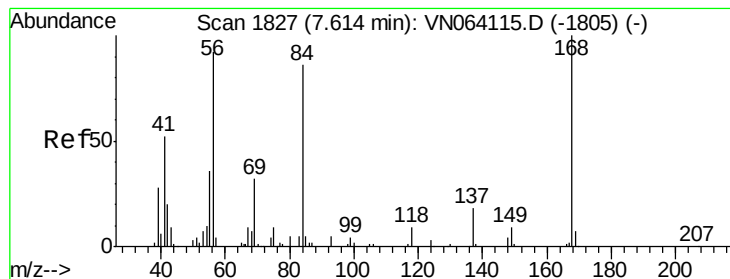
MMDadoda
10/15/2020 12:17:24 PM



#30
Chloroform
Concen: 48.034 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064115.D
Acq: 14 Oct 2020 15:29

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.5	77.3





#31

Cyclohexane

Concen: 39.531 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 270783

Ion Ratio Lower Upper

56 100

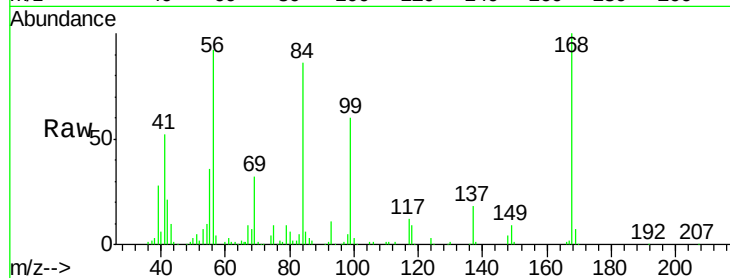
69 34.7 27.8 41.6

84 91.5 73.2 109.8

Manual Integrations
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MMDadoda

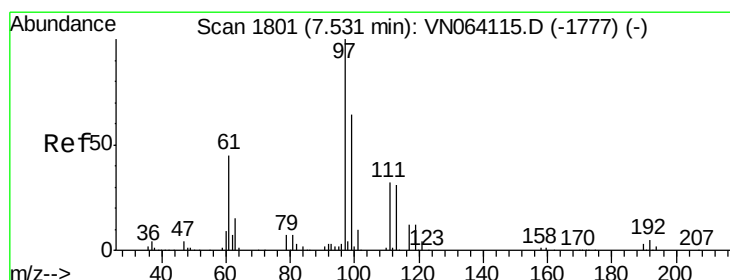
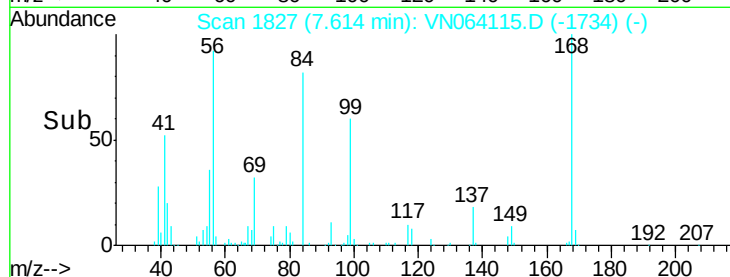
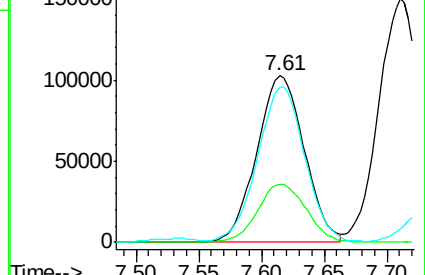
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Abundance Ion 56.00 (55.70 to 56.70): VN064115.D (-1805) (-)

Ion 69.00 (68.70 to 69.70): VN064115.D (-1805) (-)

Ion 84.00 (83.70 to 84.70): VN064115.D (-1805) (-)



#32

1,1,1-Trichloroethane

Concen: 47.284 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

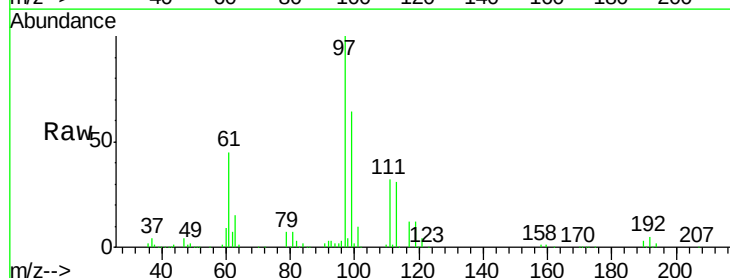
Tgt Ion: 97 Resp: 357406

Ion Ratio Lower Upper

97 100

99 62.7 50.2 75.2

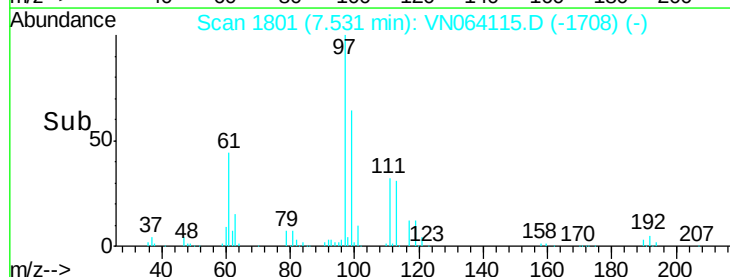
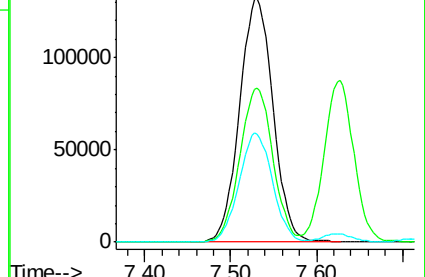
61 44.5 35.6 53.4

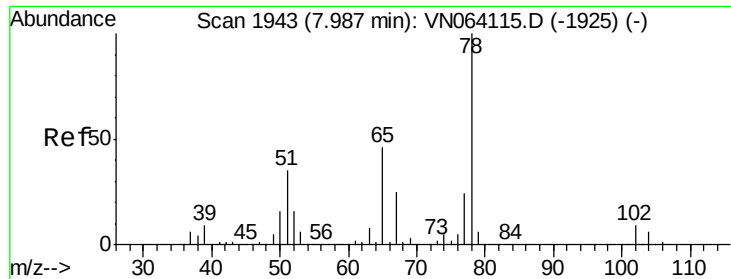


Abundance Ion 96.90 (96.60 to 97.60): VN064115.D (-1777) (-)

Ion 98.90 (98.60 to 99.60): VN064115.D (-1777) (-)

Ion 60.90 (60.60 to 61.60): VN064115.D (-1777) (-)





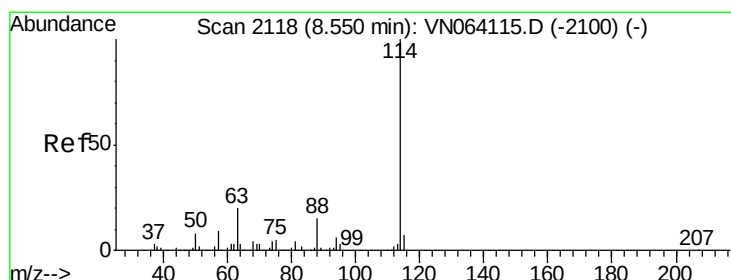
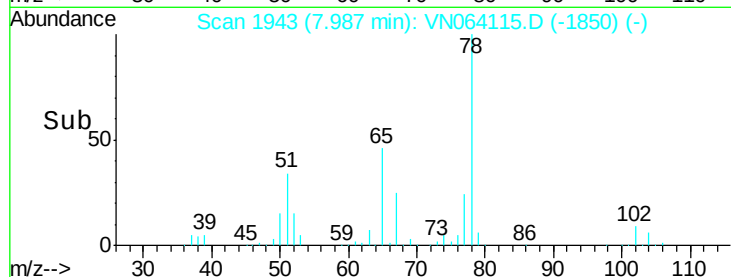
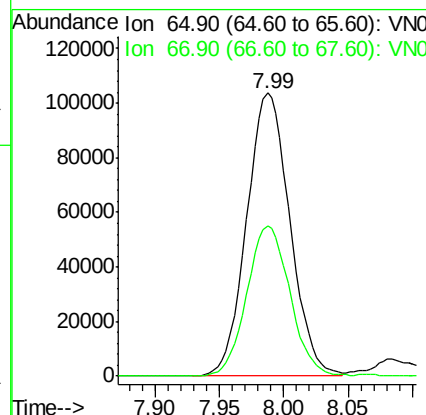
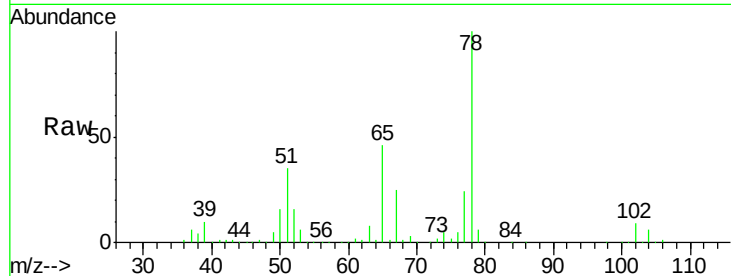
#33
 1,2-Dichloroethane-d4
 Concen: 41.236 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064115.D
 Acq: 14 Oct 2020 15:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	242444		
67	52.8	0.0	105.6	

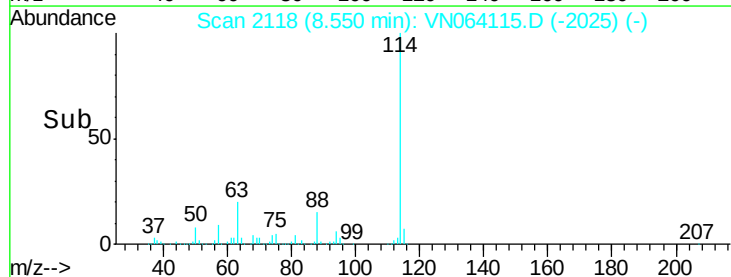
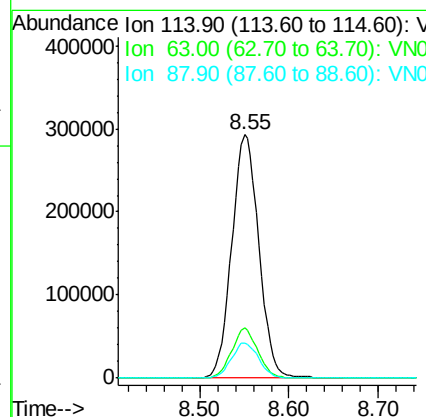
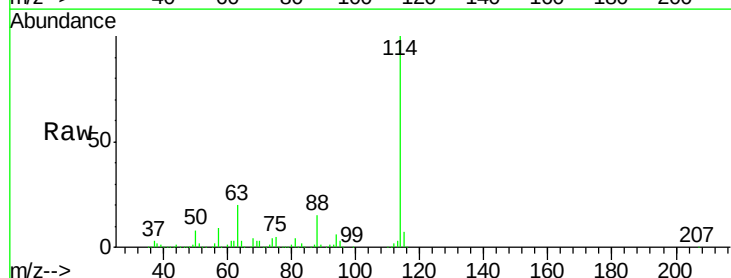
Manual Integrations
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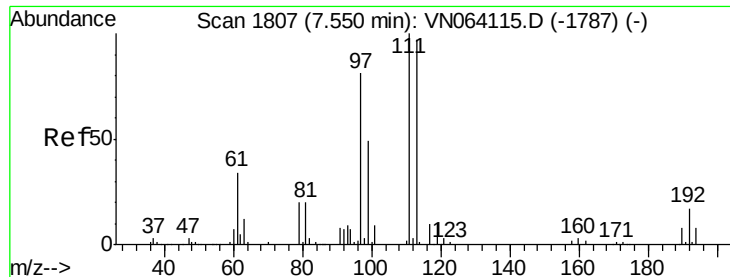
MMDadoda
 10/15/2020 12:17:24 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064115.D
 Acq: 14 Oct 2020 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	615271		
63	20.5	0.0	41.0	
88	14.6	0.0	29.2	





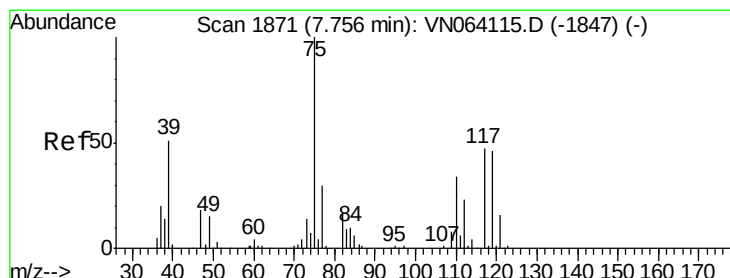
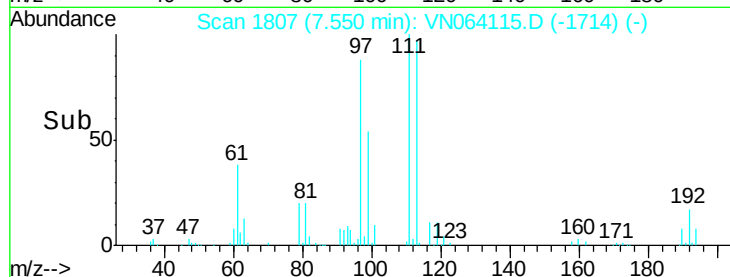
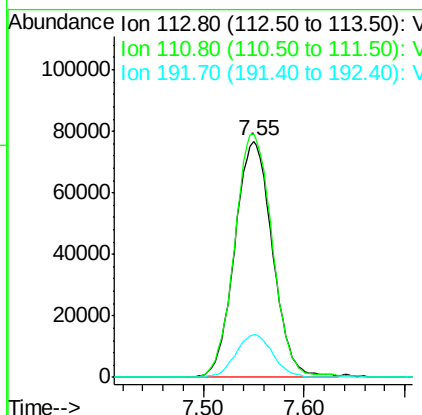
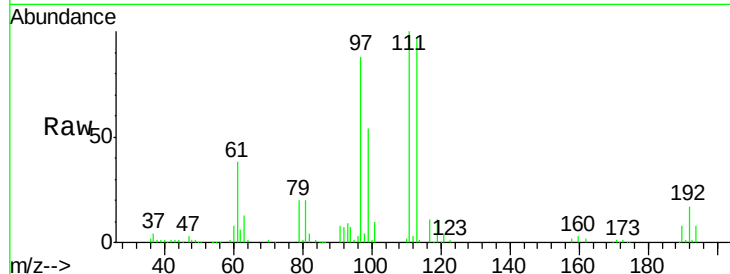
#35
 Dibromofluoromethane
 Concen: 46.933 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064115.D
 Acq: 14 Oct 2020 15:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	198949		
111	102.4	81.9	122.9	
192	17.9	14.3	21.5	

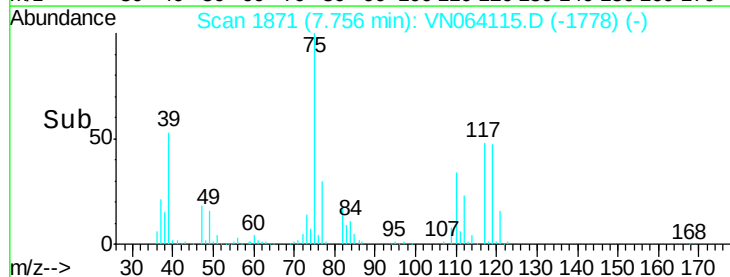
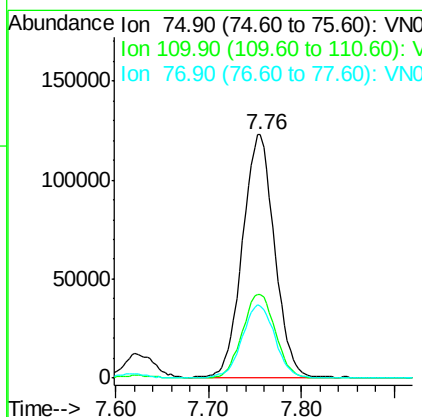
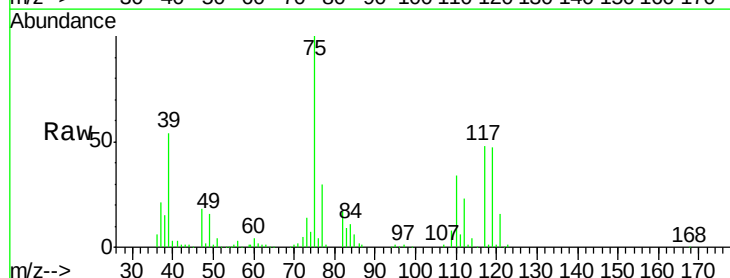
Manual Integrations
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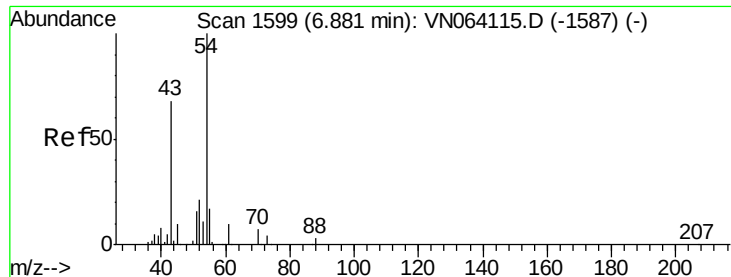
MMDadoda
 10/15/2020 12:17:24 PM



#36
 1,1-Dichloropropene
 Concen: 47.369 ug/l
 RT: 7.76 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN064115.D
 Acq: 14 Oct 2020 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	294729		
110	35.5	17.8	53.3	
77	31.1	24.9	37.3	





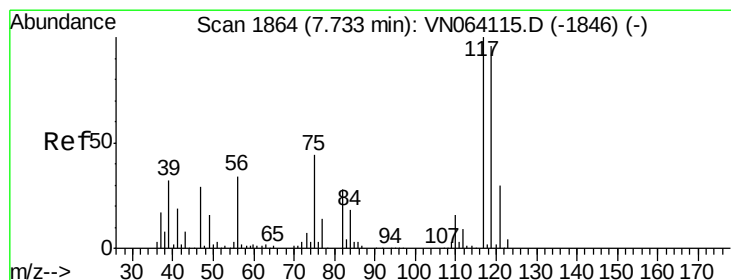
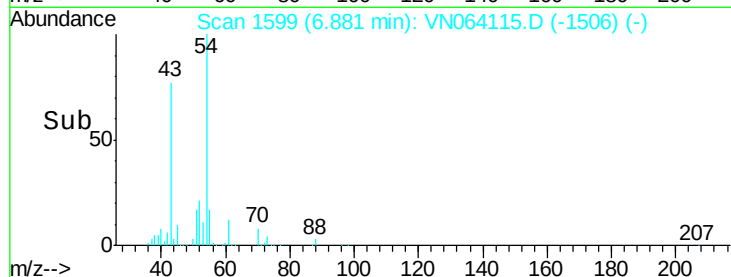
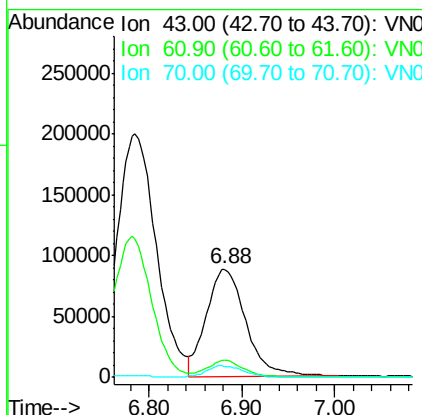
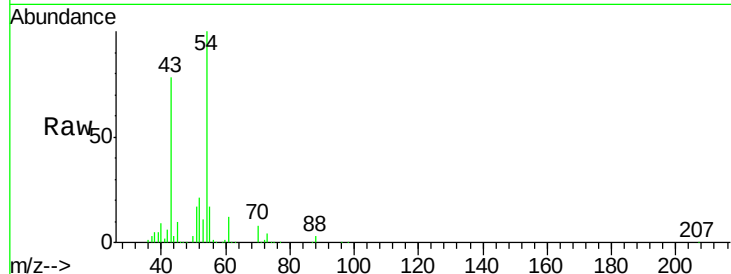
#37
Ethyl Acetate
Concen: 42.871 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN064115.D
Acq: 14 Oct 2020 15:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	43	Ratio	Lower	Upper
43	100			
61	14.1	11.3	16.9	
70	9.6	7.7	11.5	

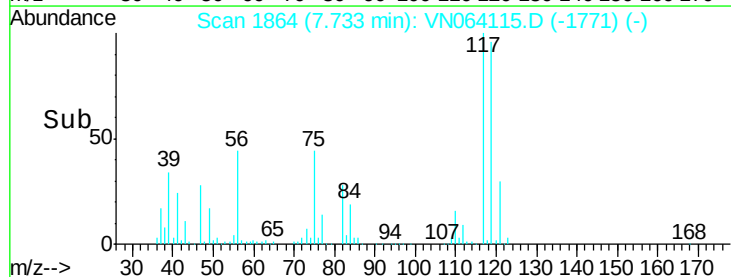
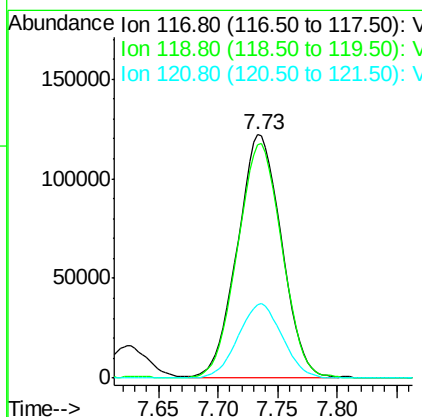
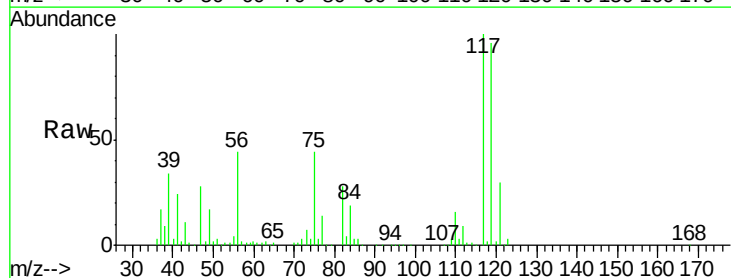
Manual Integrations
APPROVED

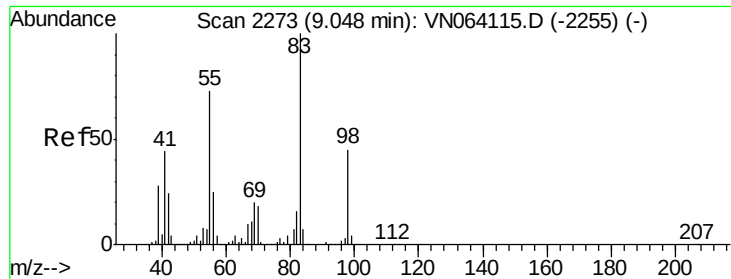
MMDadoda
10/15/2020 12:17:24 PM



#38
Carbon Tetrachloride
Concen: 44.871 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064115.D
Acq: 14 Oct 2020 15:29

Tgt Ion	117	Ratio	Lower	Upper
117	100			
119	96.2	77.0	115.4	
121	30.3	24.2	36.4	





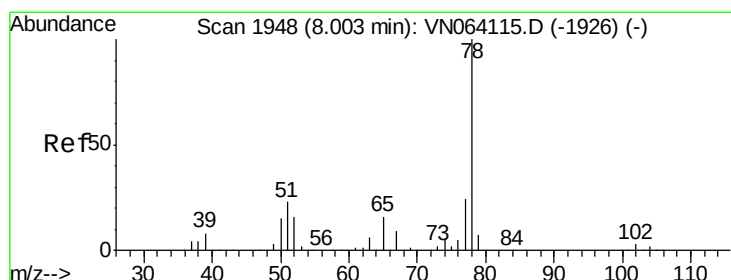
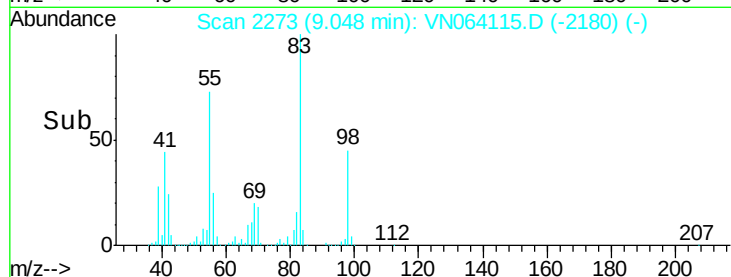
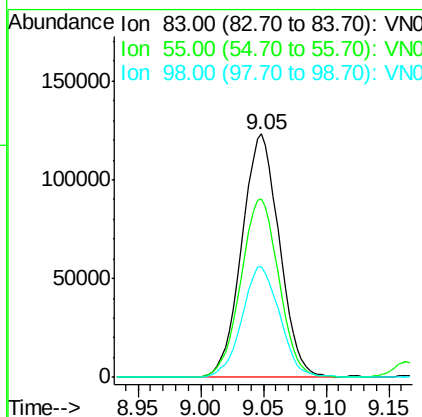
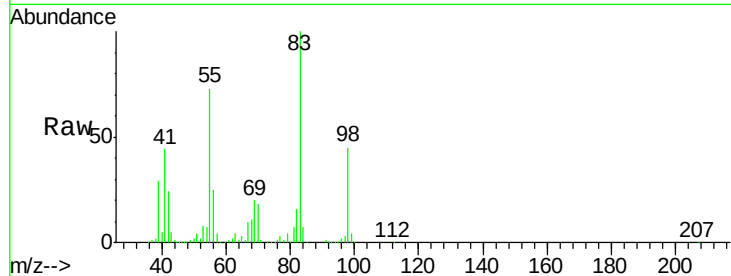
#39
Methylvlcyclohexane
Concen: 42.422 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064115.D
Acq: 14 Oct 2020 15:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.1	58.5	87.7
98	45.2	36.2	54.2

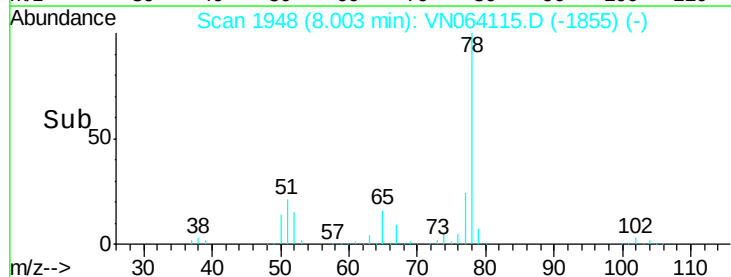
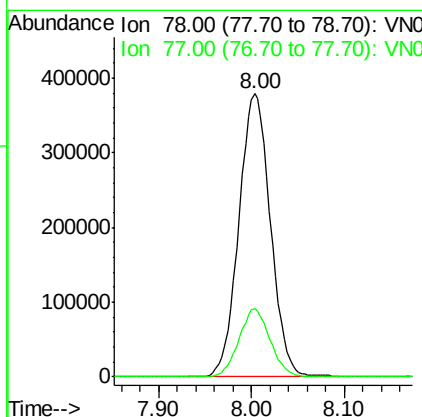
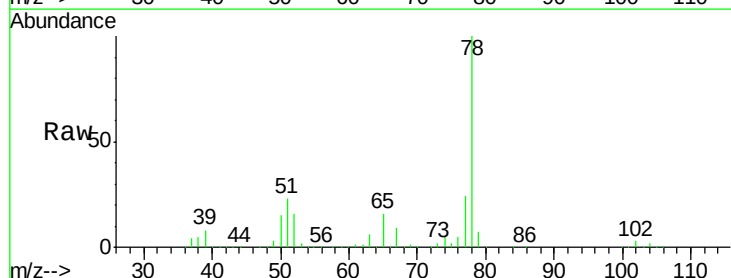
Manual Integrations
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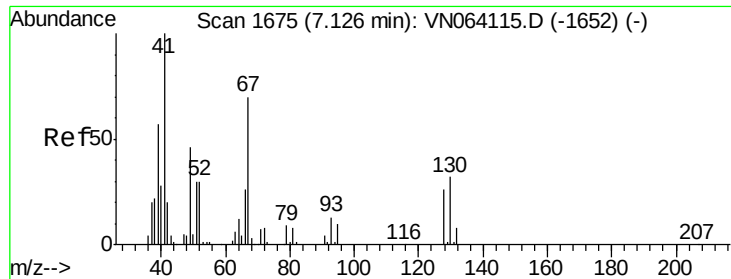
MMDadoda
10/15/2020 12:17:24 PM



#40
Benzene
Concen: 49.809 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064115.D
Acq: 14 Oct 2020 15:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.3	28.9





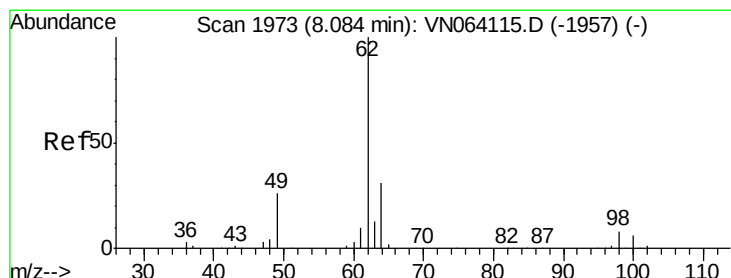
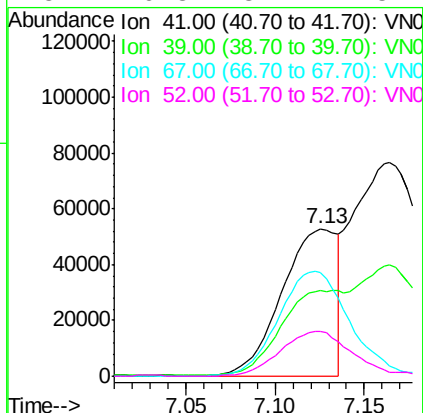
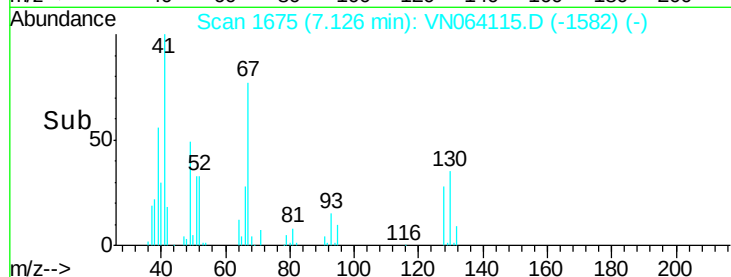
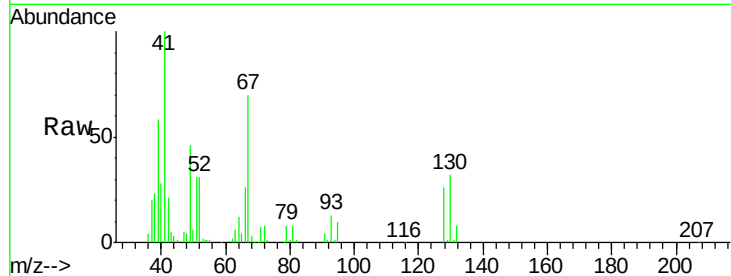
#41
Methacrylonitrile
Concen: 43.182 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. 0.00 min
Lab File: VN064115.D
Acq: 14 Oct 2020 15:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	63.4	50.7	76.1	
67	92.2	73.8	110.6	
52	40.3	32.2	48.4	

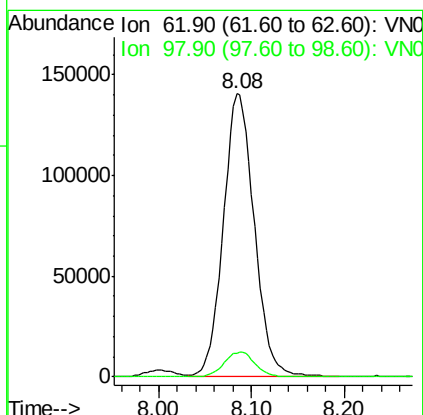
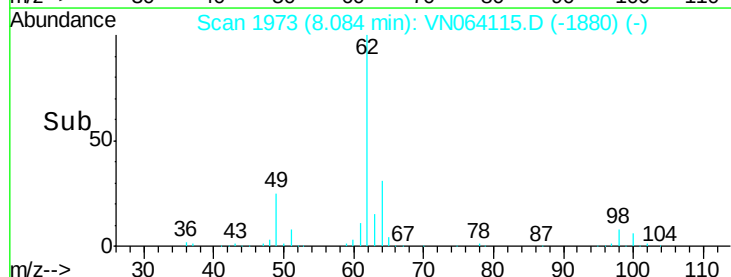
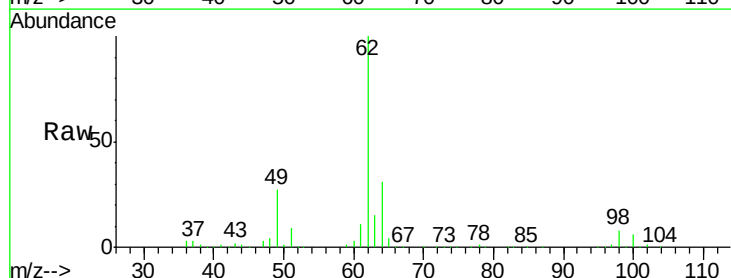
Manual Integrations
APPROVED

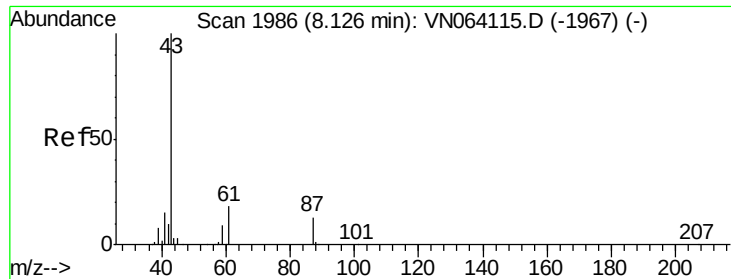
MMDadoda
10/15/2020 12:17:24 PM



#42
1,2-Dichloroethane
Concen: 43.354 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN064115.D
Acq: 14 Oct 2020 15:29

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





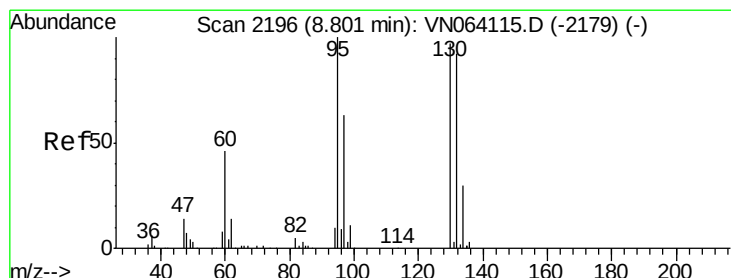
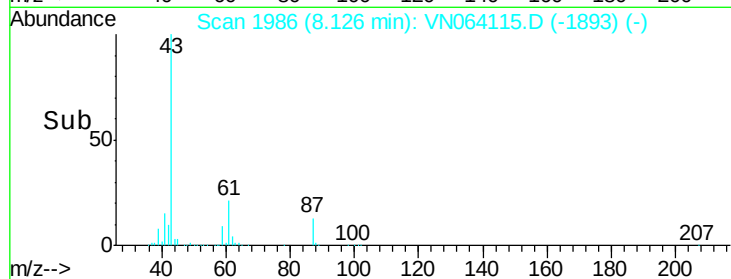
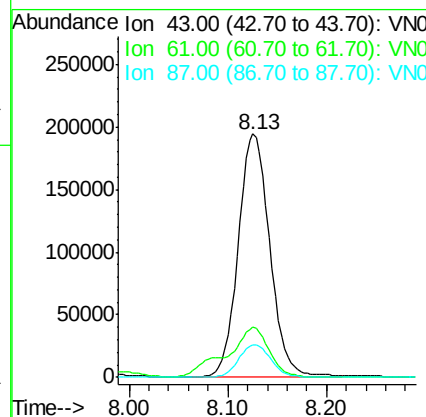
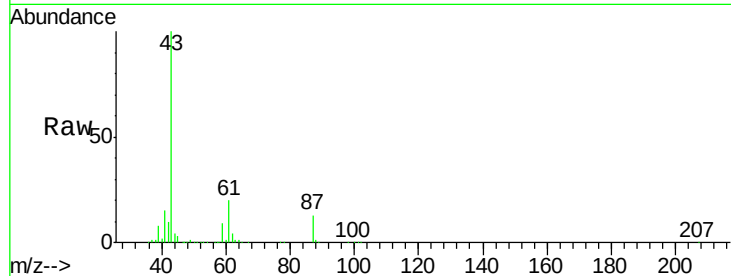
#43
Isopropyl Acetate
Concen: 43.428 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VN064115.D
Acq: 14 Oct 2020 15:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	27.4	21.9	32.9
87	13.7	11.0	16.4

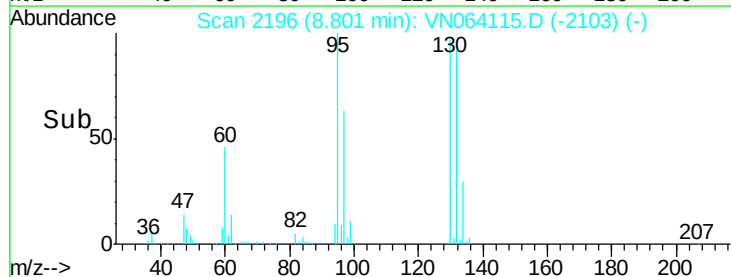
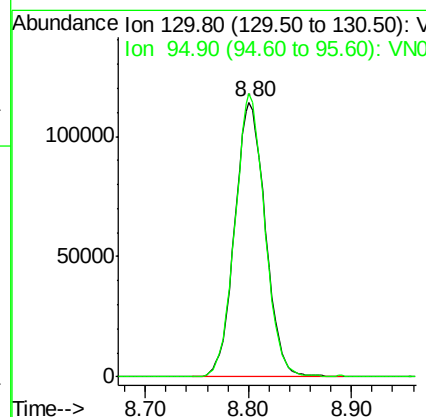
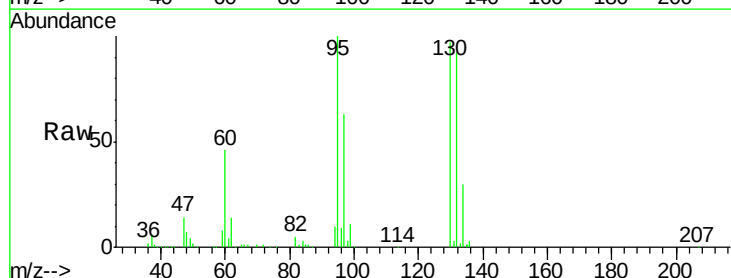
Manual Integrations
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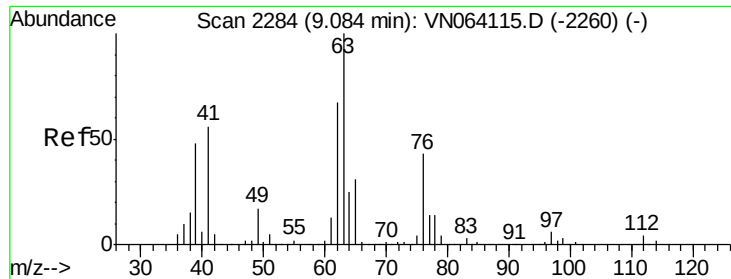
MMDadoda
10/15/2020 12:17:24 PM



#44
Trichloroethene
Concen: 49.995 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. 0.00 min
Lab File: VN064115.D
Acq: 14 Oct 2020 15:29

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.1	0.0	206.2





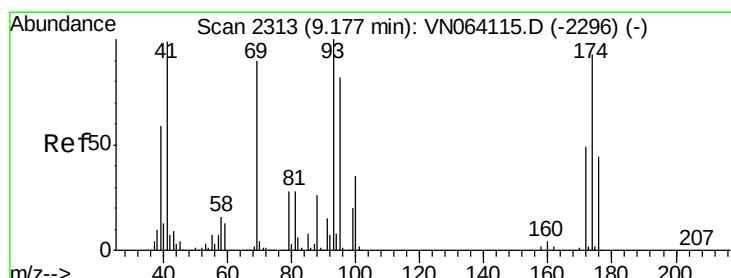
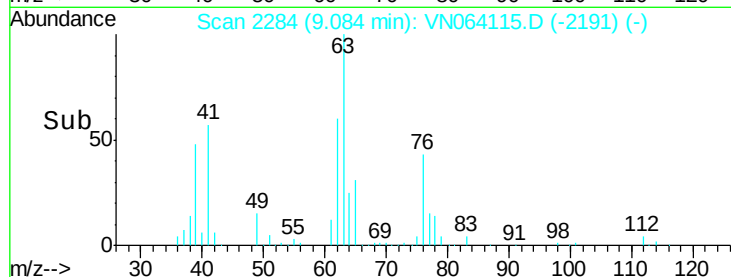
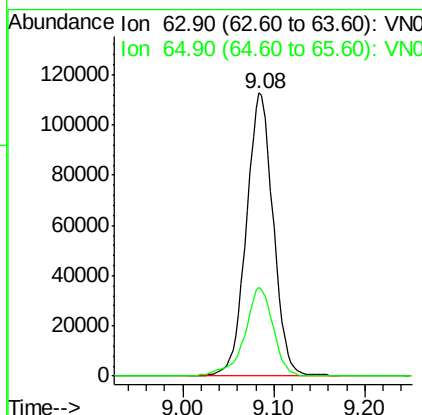
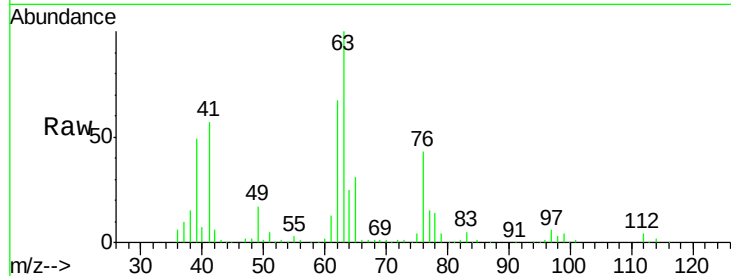
#45
 1,2-Dichloropropane
 Concen: 48.175 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN064115.D
 Acq: 14 Oct 2020 15:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion: 63 Resp: 231352
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.0 37.6

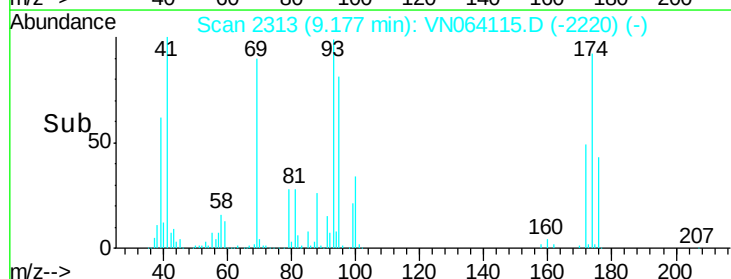
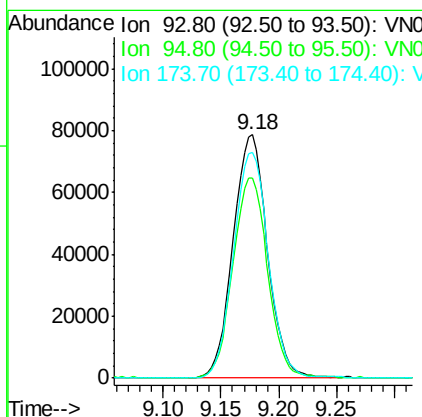
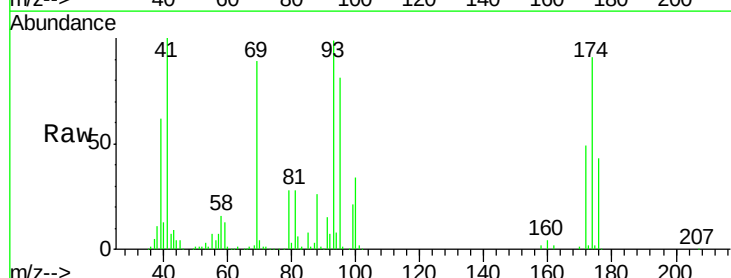
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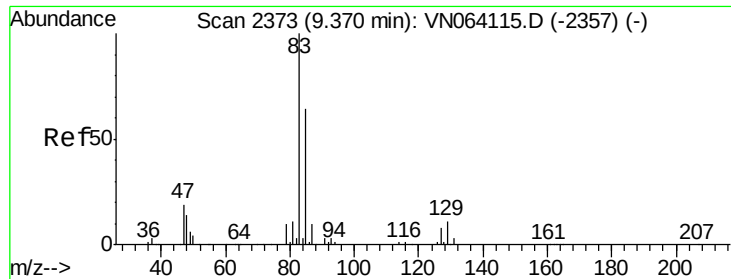
MMDadoda
 10/15/2020 12:17:24 PM



#46
 Dibromomethane
 Concen: 48.774 ug/l
 RT: 9.18 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN064115.D
 Acq: 14 Oct 2020 15:29

Tgt Ion: 93 Resp: 162464
 Ion Ratio Lower Upper
 93 100
 95 83.5 66.8 100.2
 174 94.0 75.2 112.8





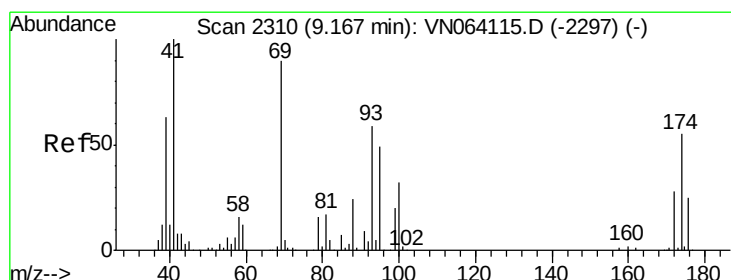
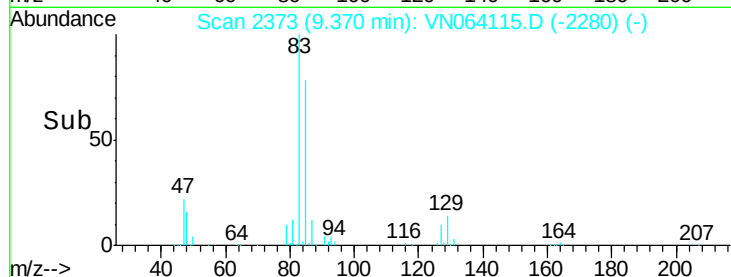
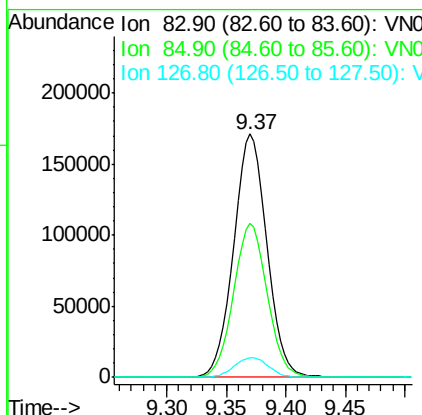
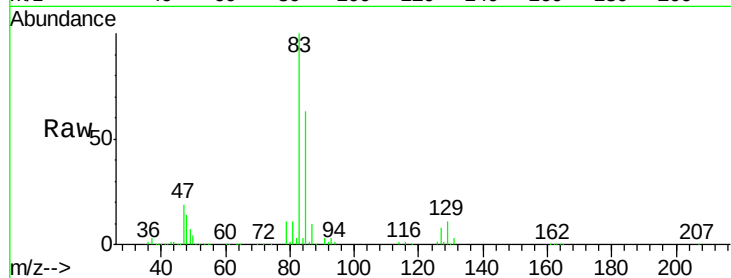
#47
Bromodichloromethane
Concen: 48.691 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN064115.D
Acq: 14 Oct 2020 15:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	83	Resp	331908
Ion Ratio	100	Lower	Upper
83	100		
85	63.5	50.8	76.2
127	8.2	6.6	9.8

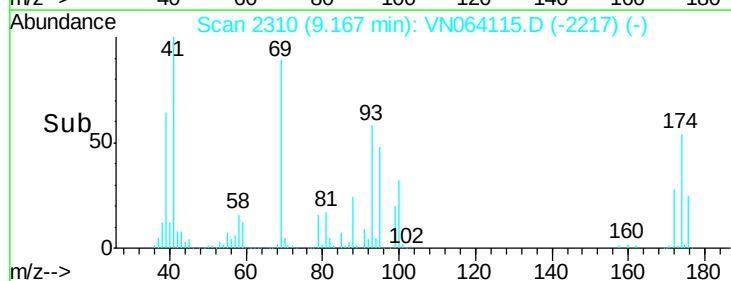
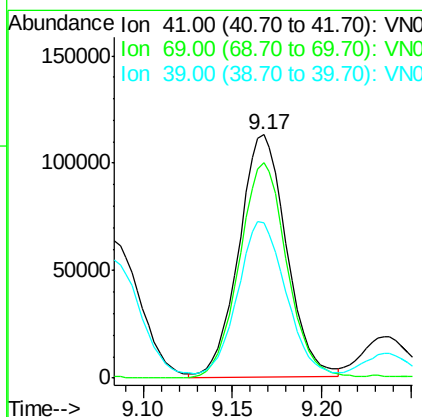
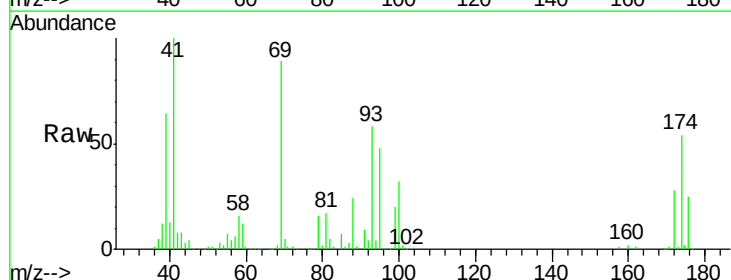
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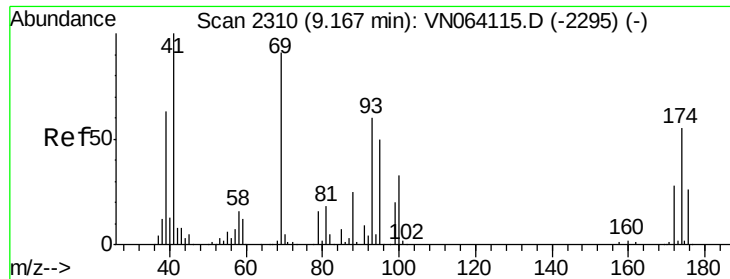
MMDadoda
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#48
Methyl methacrylate
Concen: 42.711 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064115.D
Acq: 14 Oct 2020 15:29

Tgt Ion	41	Resp	209933
Ion Ratio	100	Lower	Upper
41	100		
69	89.3	71.4	107.2
39	65.6	52.5	78.7





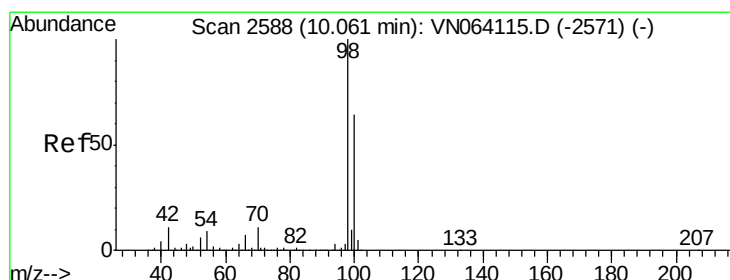
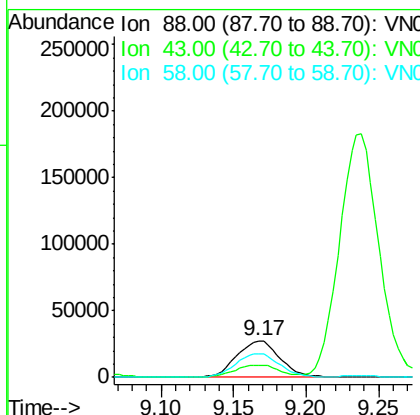
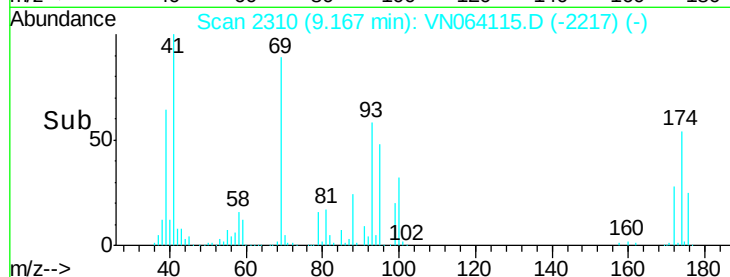
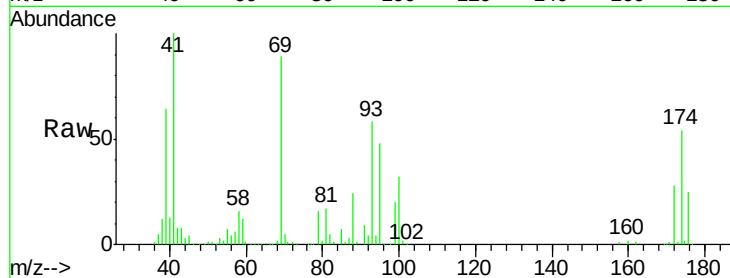
#49
 1,4-Dioxane
 Concen: 817.154 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN064115.D
 Acq: 14 Oct 2020 15:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	88	Resp	57125
Ion	Ratio	Lower	Upper
88	100		
43	34.0	27.2	40.8
58	65.7	52.6	78.8

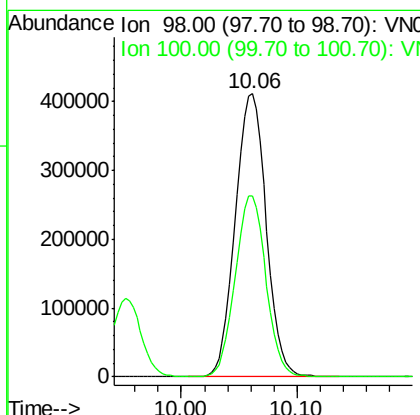
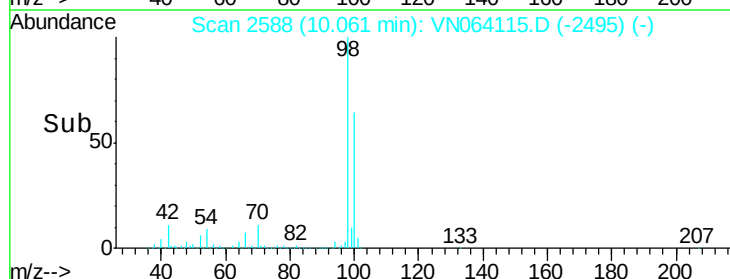
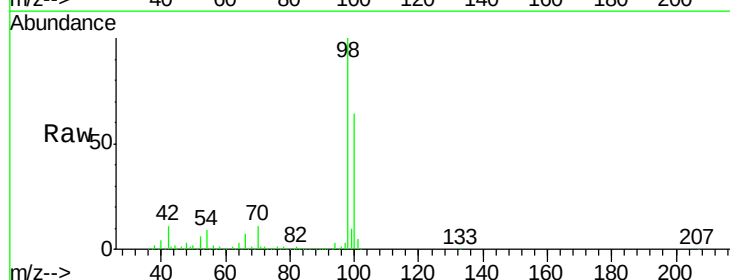
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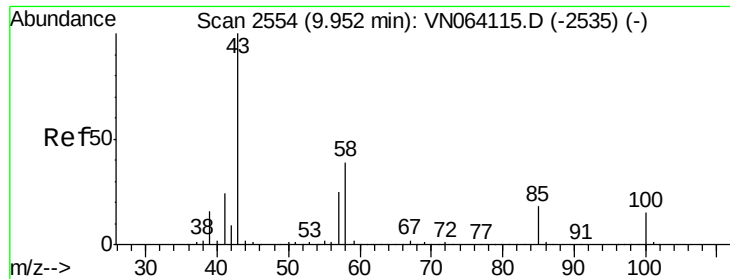
MMDadoda
 10/15/2020 12:17:24 PM



#50
 Toluene-d8
 Concen: 47.114 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. 0.00 min
 Lab File: VN064115.D
 Acq: 14 Oct 2020 15:29

Tgt Ion	98	Resp	761036
Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.8	76.2





#51

4-Methyl-2-Pentanone

Concen: 226.120 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 1322975

Ion Ratio Lower Upper

43 100

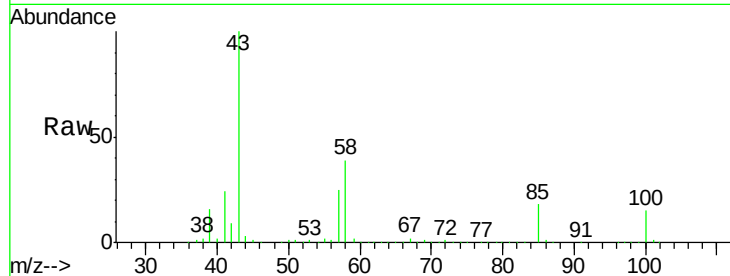
58 39.0 31.2 46.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

800000

600000

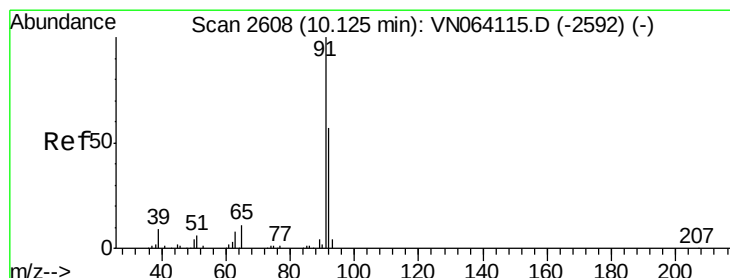
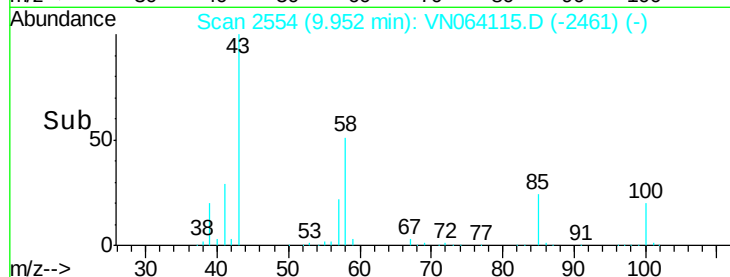
400000

200000

0

9.90 10.00

Time-->



#52

Toluene

Concen: 51.464 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064115.D

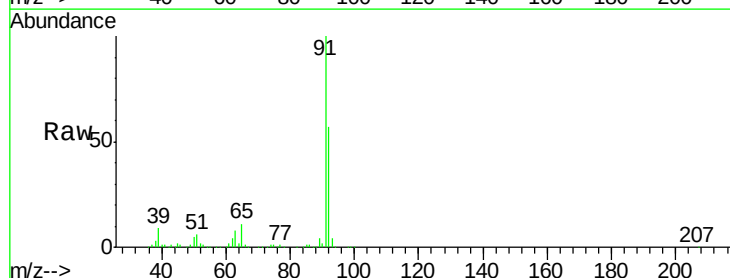
Acq: 14 Oct 2020 15:29

Tgt Ion: 92 Resp: 571509

Ion Ratio Lower Upper

92 100

91 176.5 141.2 211.8



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

600000

500000

400000

300000

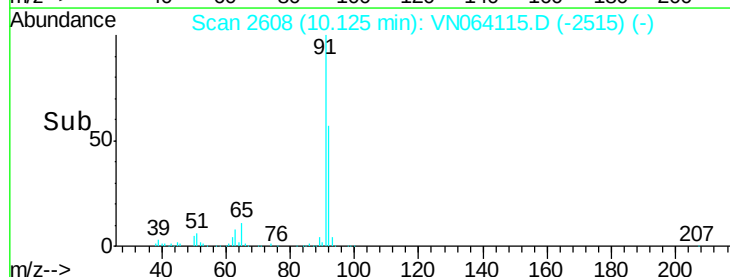
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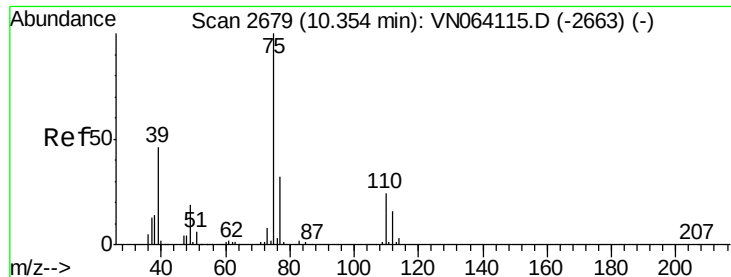
100000

0

10.10 10.20

Time-->





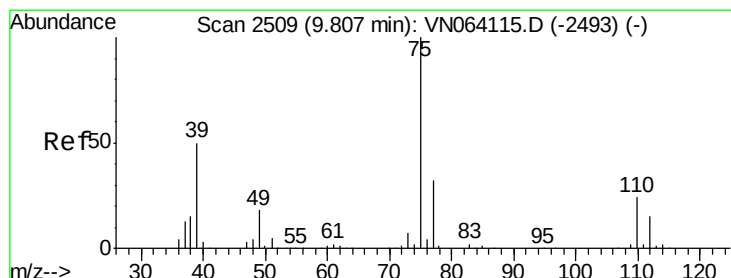
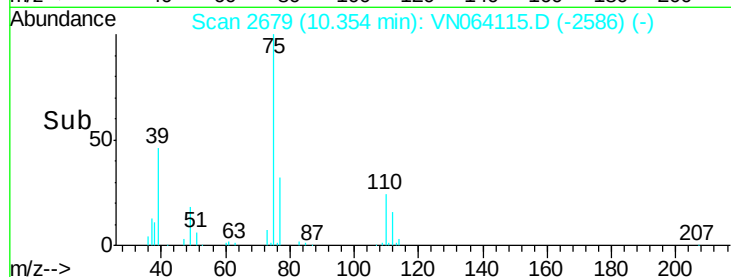
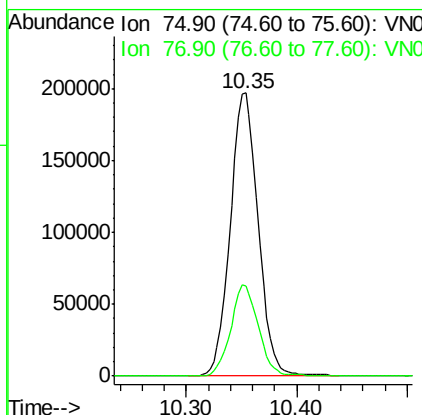
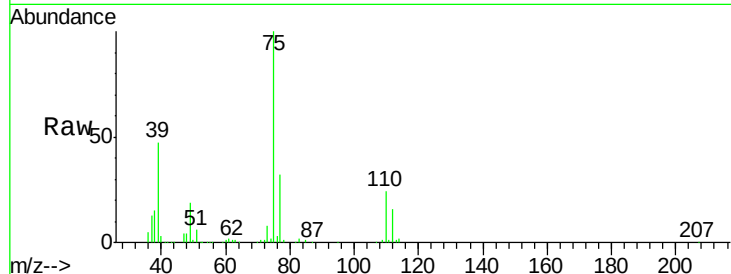
#53
t-1,3-Dichloropropene
Concen: 47.745 ug/l
RT: 10.35 min Scan# 2679
Delta R.T. 0.00 min
Lab File: VN064115.D
Acq: 14 Oct 2020 15:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 75 Resp: 346693
Ion Ratio Lower Upper
75 100
77 32.0 25.6 38.4

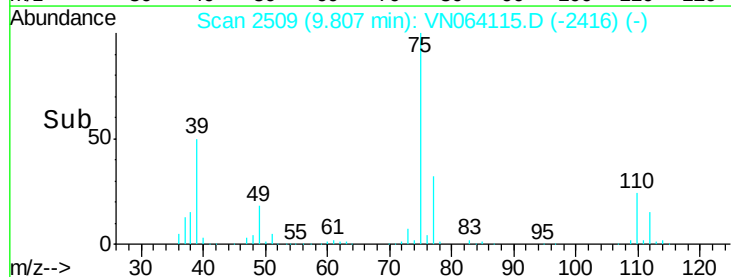
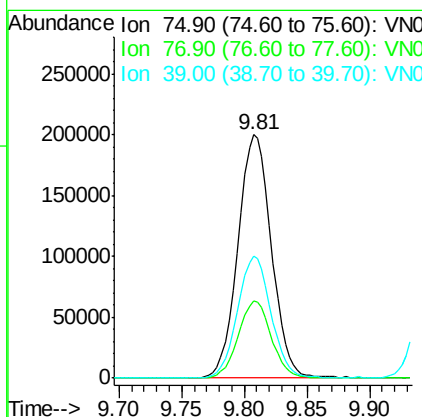
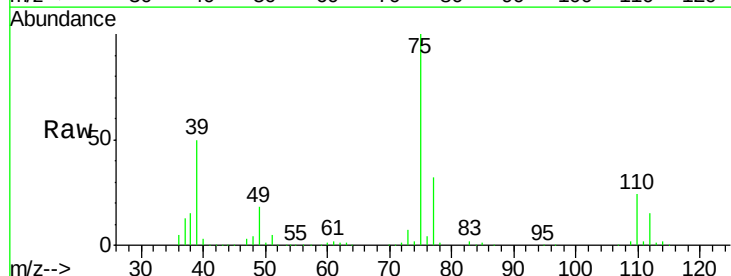
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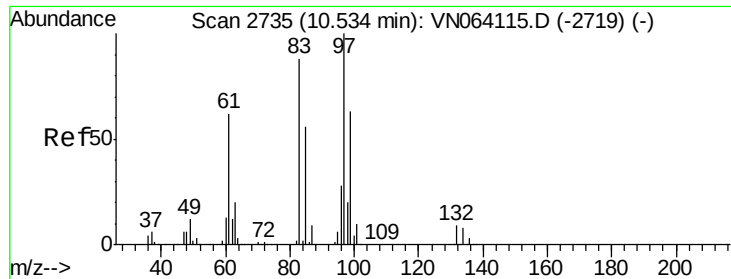
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 48.795 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN064115.D
Acq: 14 Oct 2020 15:29

Tgt Ion: 75 Resp: 371708
Ion Ratio Lower Upper
75 100
77 31.5 25.2 37.8
39 49.8 39.8 59.8





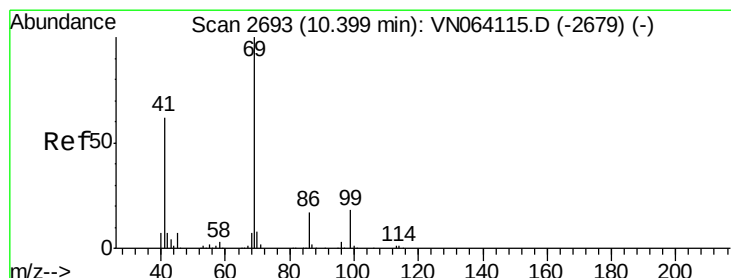
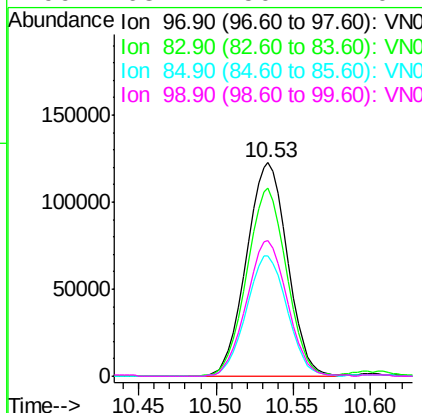
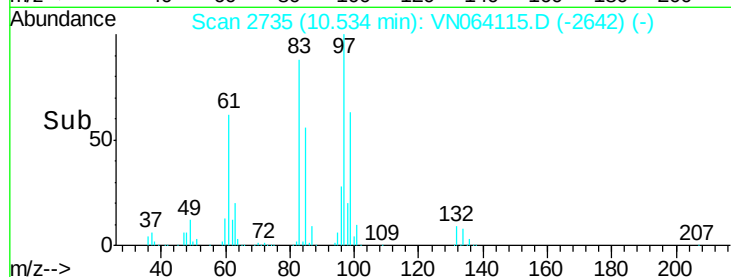
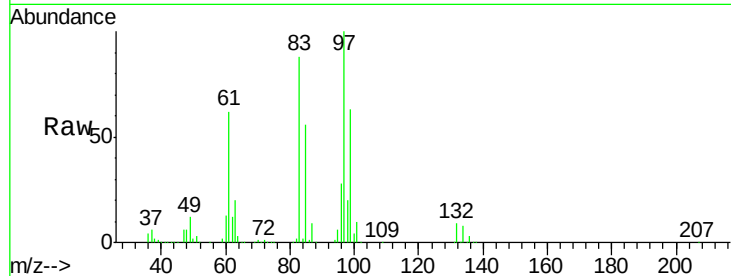
#55
 1,1,2-Trichloroethane
 Concen: 51.057 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064115.D
 Acq: 14 Oct 2020 15:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion:	97	Resp:	226827
Ion	Ratio	Lower	Upper
97	100		
83	87.8	70.2	105.4
85	56.3	45.0	67.6
99	63.4	50.7	76.1

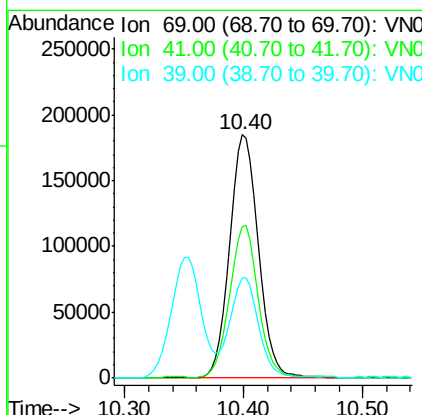
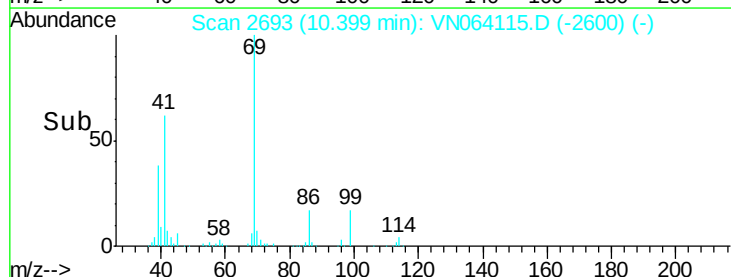
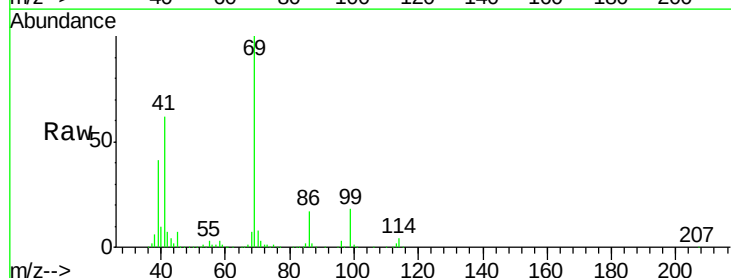
Manual Integrations
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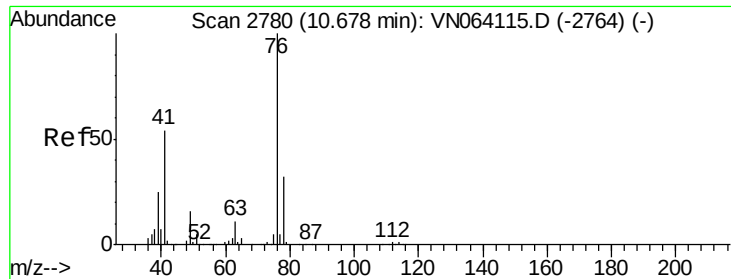
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#56
 Ethyl methacrylate
 Concen: 49.966 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064115.D
 Acq: 14 Oct 2020 15:29

Tgt Ion:	69	Resp:	310926
Ion	Ratio	Lower	Upper
69	100		
41	61.6	49.3	73.9
39	40.9	32.7	49.1





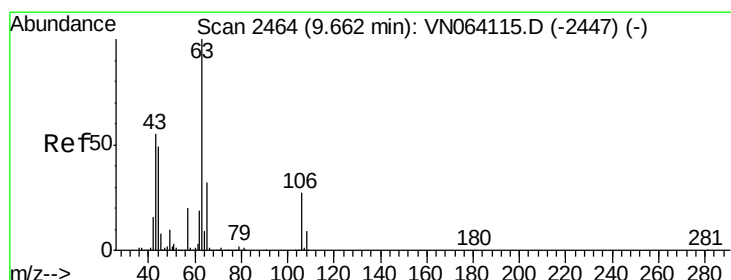
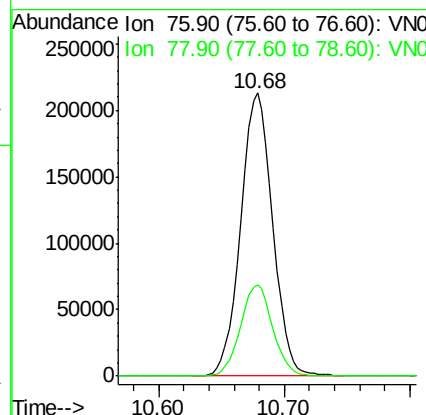
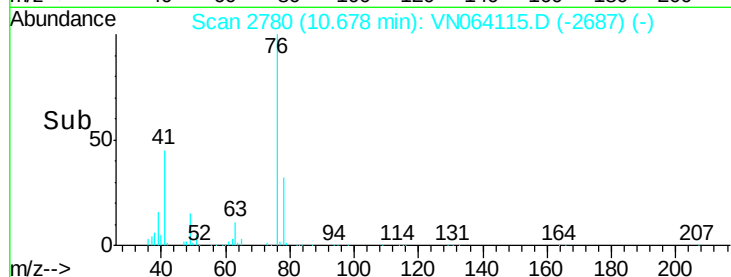
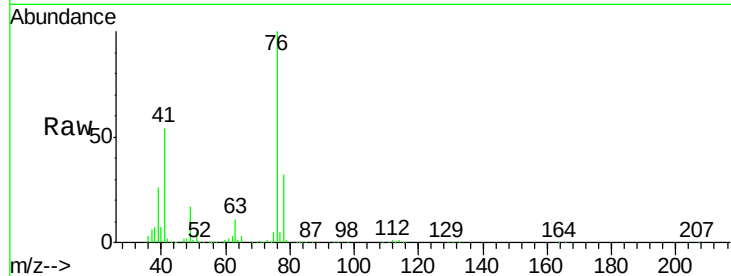
#57
 1,3-Dichloropropane
 Concen: 50.365 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN064115.D
 Acq: 14 Oct 2020 15:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	26.1	39.1

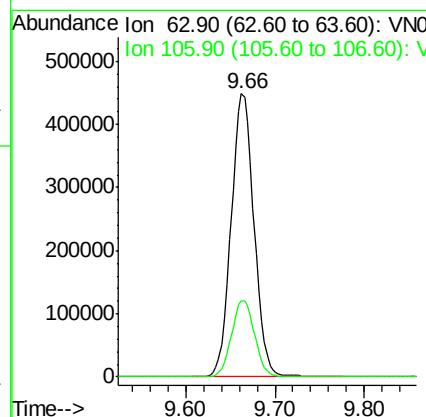
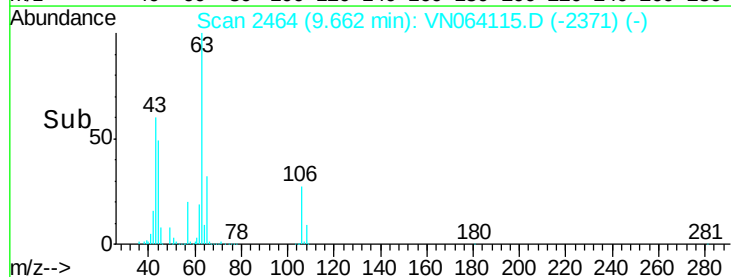
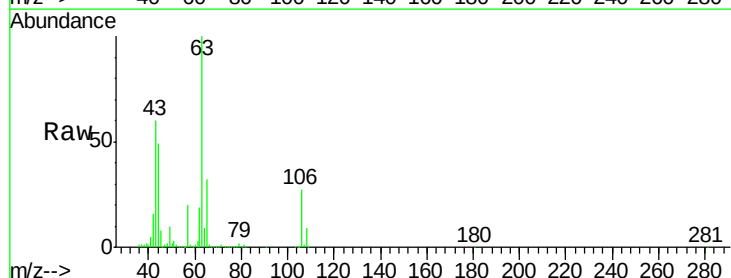
Manual Integrations
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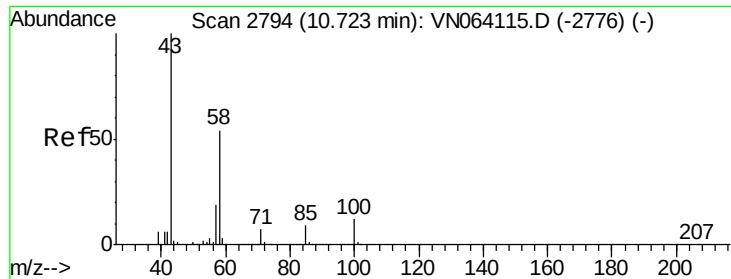
MMDadoda
 10/15/2020 12:17:24 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 240.762 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064115.D
 Acq: 14 Oct 2020 15:29

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.2	21.8	32.6





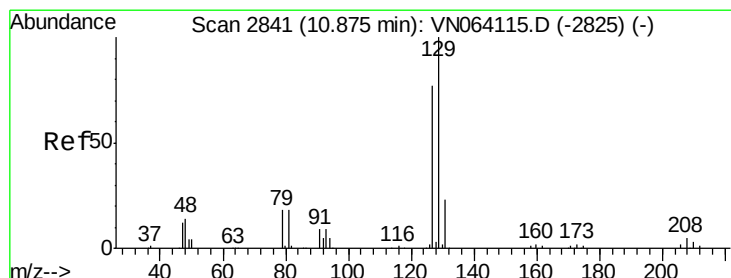
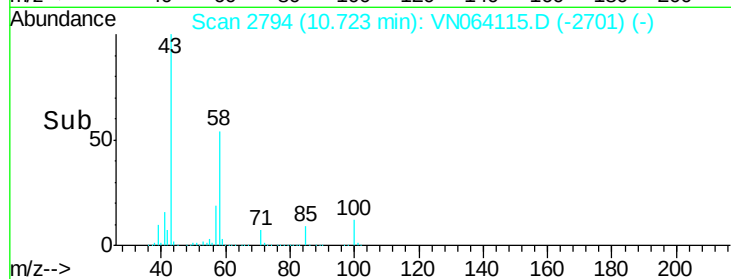
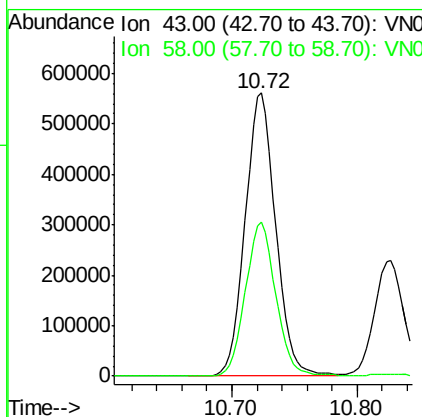
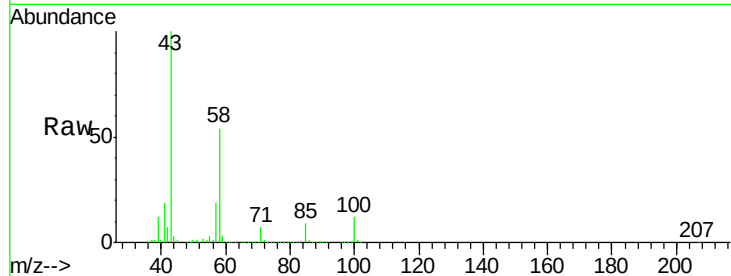
#59
2-Hexanone
Concen: 218.790 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064115.D
Acq: 14 Oct 2020 15:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	43	Resp	948065
Ion Ratio	100	Lower	Upper
43	100		
58	54.4	27.2	81.6

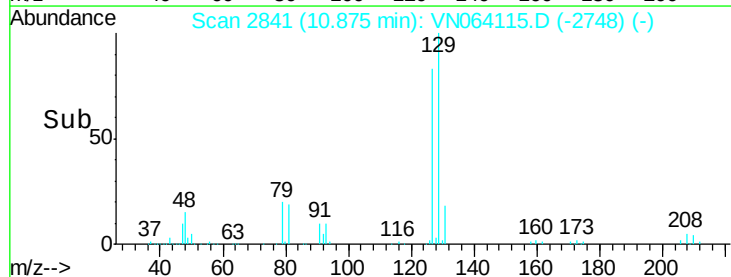
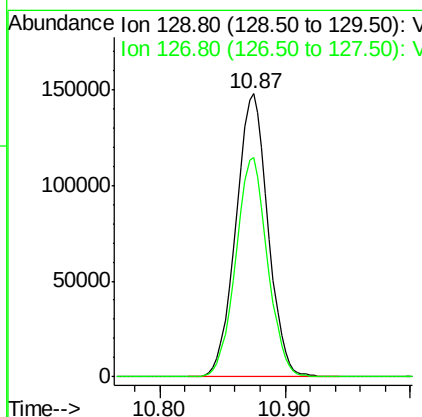
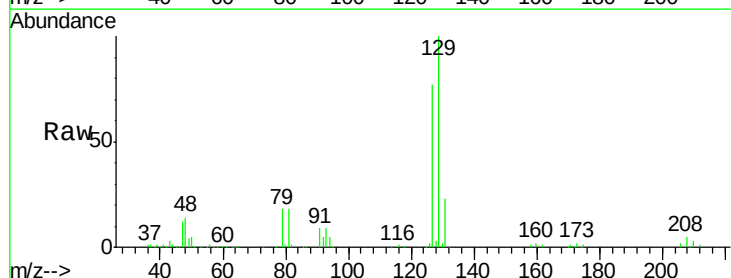
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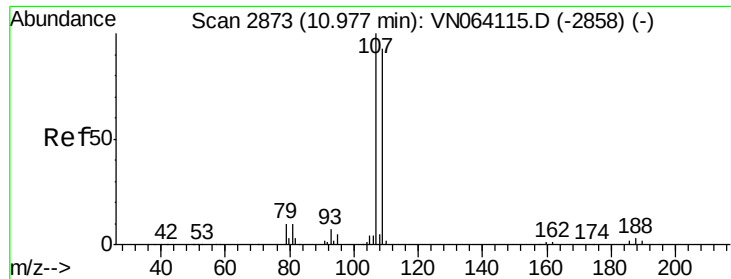
MMDadoda
10/15/2020 12:17:24 PM



#60
Dibromochloromethane
Concen: 50.672 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064115.D
Acq: 14 Oct 2020 15:29

Tgt Ion	129	Resp	262810
Ion Ratio	100	Lower	Upper
129	100		
127	76.4	38.2	114.6





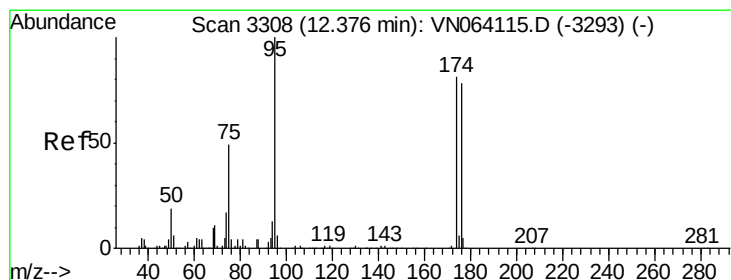
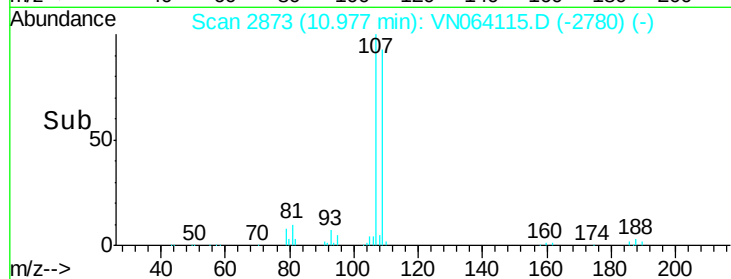
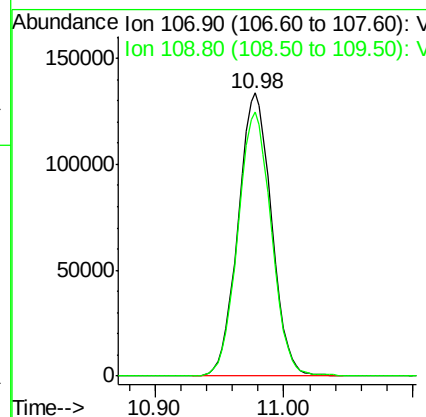
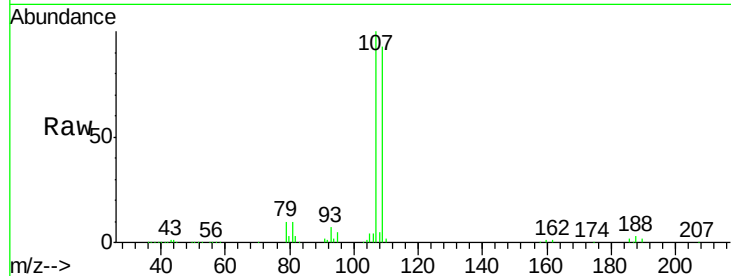
#61
 1,2-Dibromoethane
 Concen: 52.607 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064115.D
 Acq: 14 Oct 2020 15:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.0	75.2	112.8

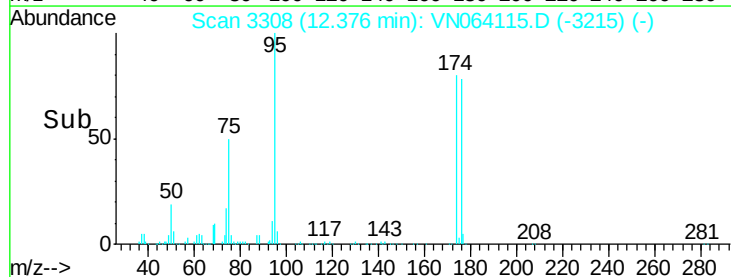
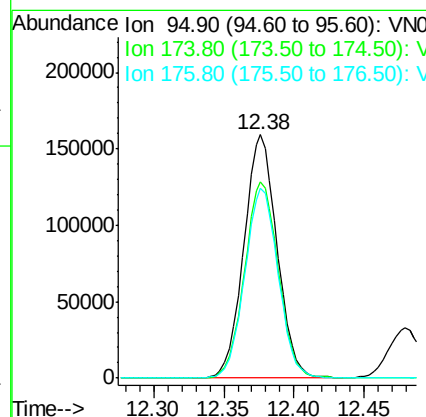
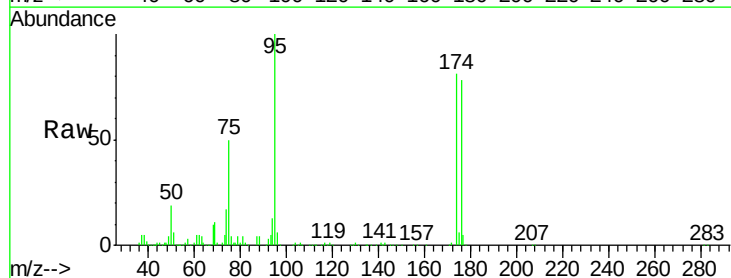
Manual Integrations
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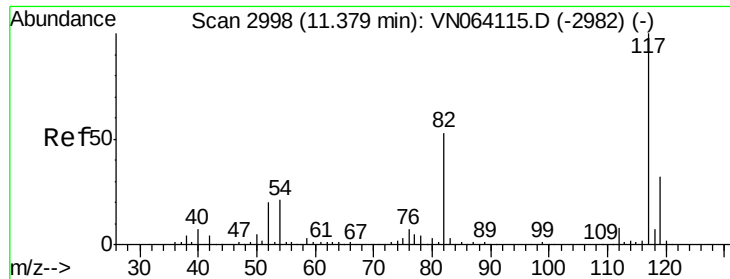
MMDadoda
 10/15/2020 12:17:24 PM



#62
 4-Bromofluorobenzene
 Concen: 43.980 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064115.D
 Acq: 14 Oct 2020 15:29

Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.4	0.0	164.8
176	78.9	0.0	157.8





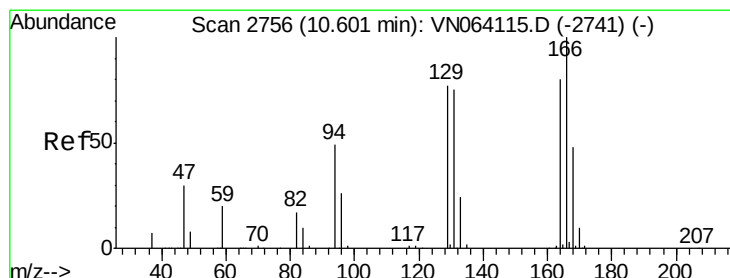
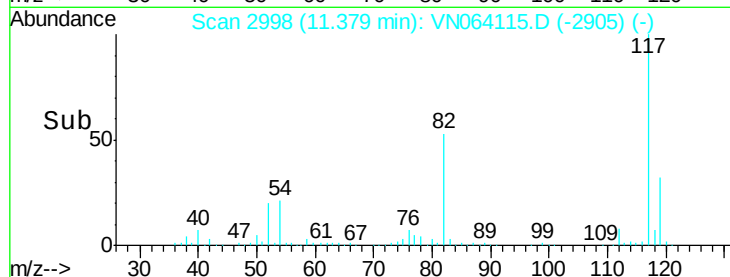
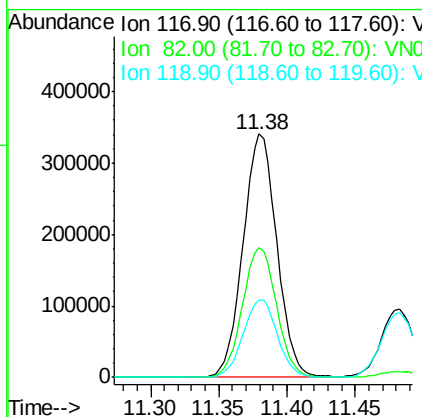
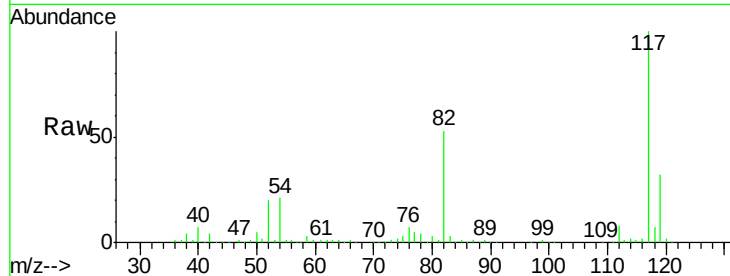
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064115.D
Acq: 14 Oct 2020 15:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	42.6	63.8
119	31.9	25.5	38.3

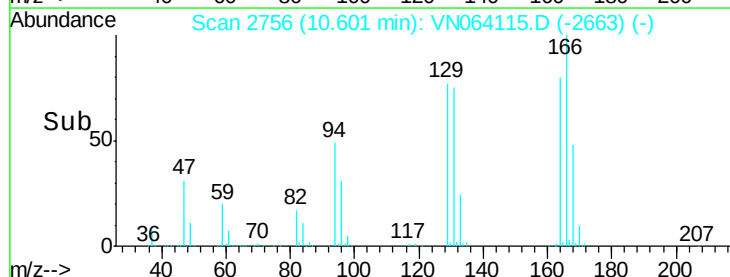
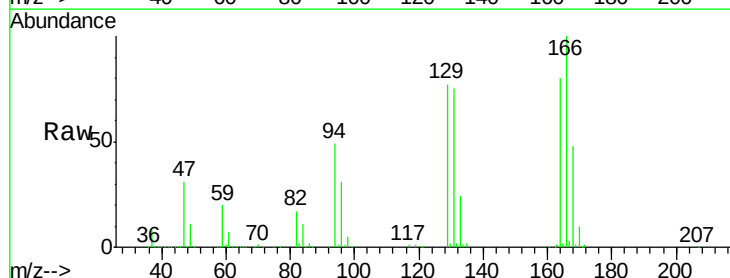
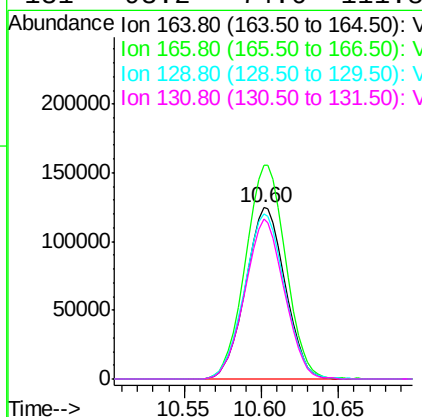
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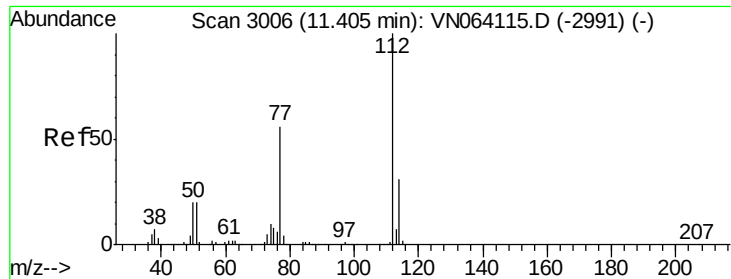
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#64
Tetrachloroethene
Concen: 48.465 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064115.D
Acq: 14 Oct 2020 15:29

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.6	99.7	149.5
129	96.2	77.0	115.4
131	93.2	74.6	111.8





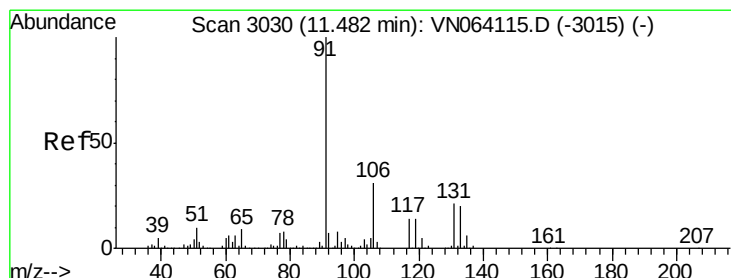
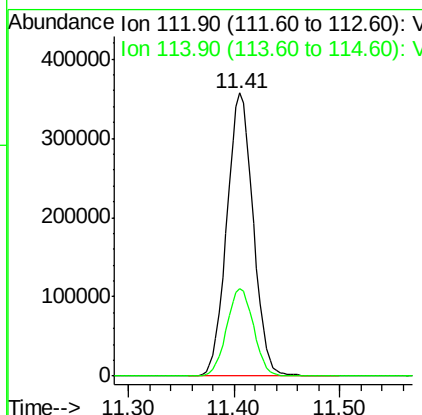
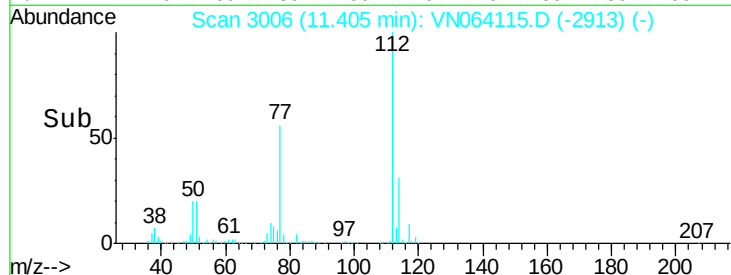
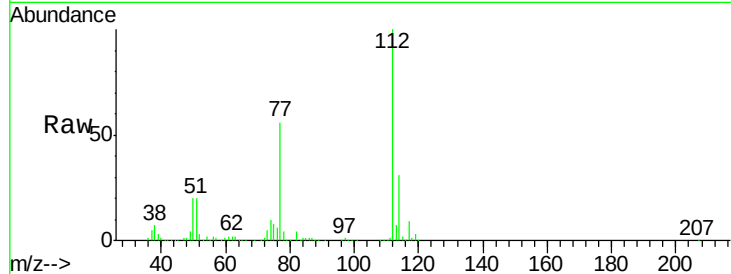
#65
Chlorobenzene
Concen: 50.736 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064115.D
Acq: 14 Oct 2020 15:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion:112 Resp: 616190
Ion Ratio Lower Upper
112 100
114 30.8 24.6 37.0

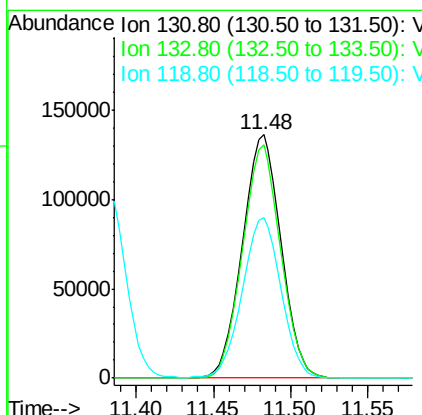
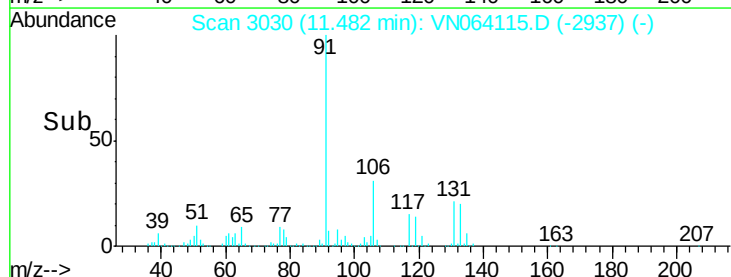
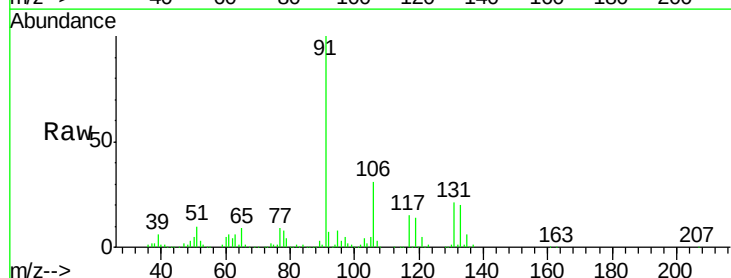
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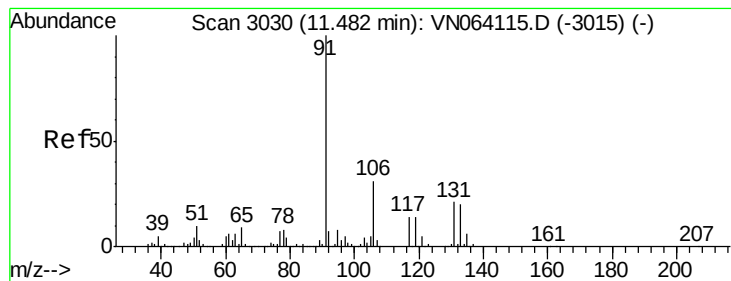
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.127 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064115.D
Acq: 14 Oct 2020 15:29

Tgt Ion:131 Resp: 237090
Ion Ratio Lower Upper
131 100
133 94.6 47.3 141.9
119 65.6 32.8 98.4





#67

Ethyl Benzene

Concen: 49.524 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 1080221

Ion Ratio Lower Upper

91 100

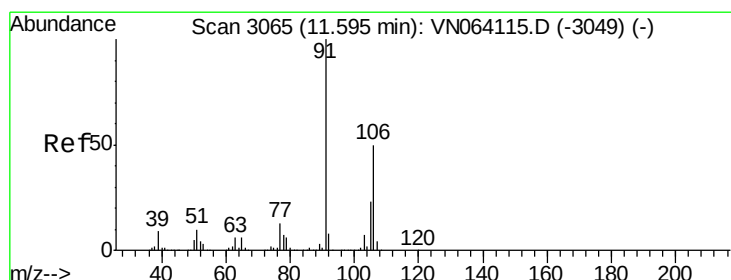
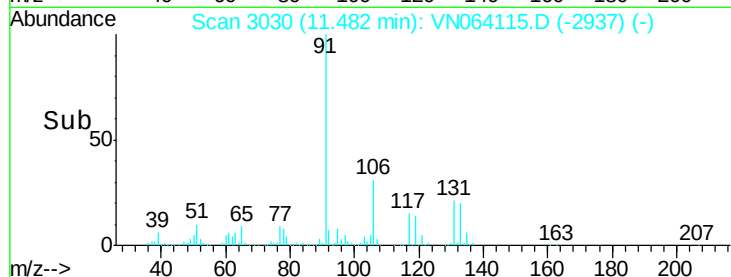
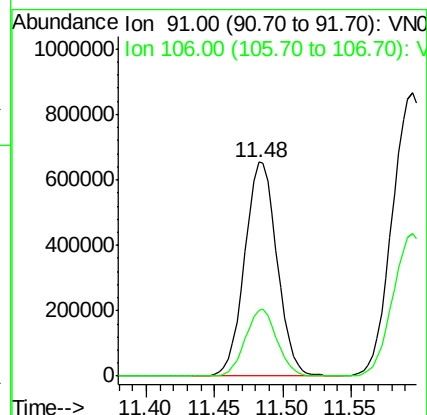
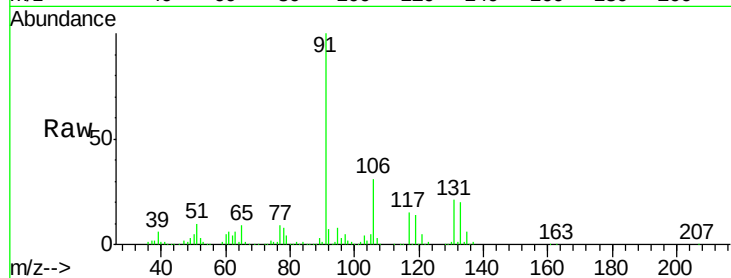
106 30.9 24.7 37.1

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#68

m/p-Xylenes

Concen: 101.272 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. 0.00 min

Lab File: VN064115.D

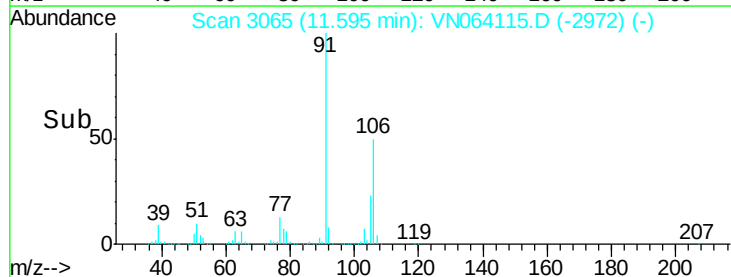
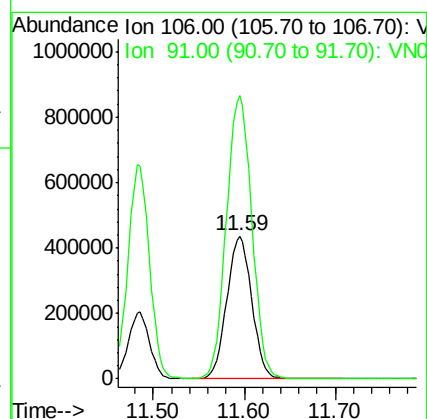
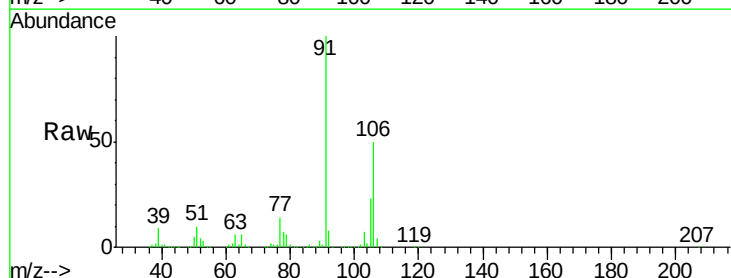
Acq: 14 Oct 2020 15:29

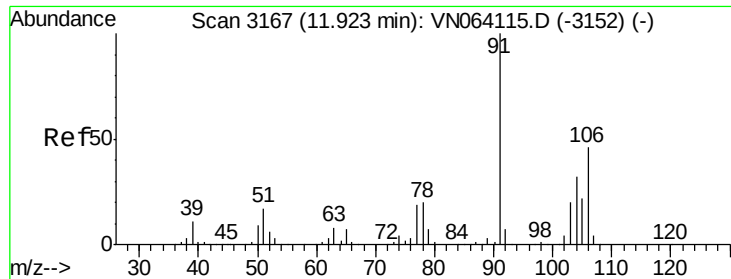
Tgt Ion: 106 Resp: 828372

Ion Ratio Lower Upper

106 100

91 202.6 162.1 243.1





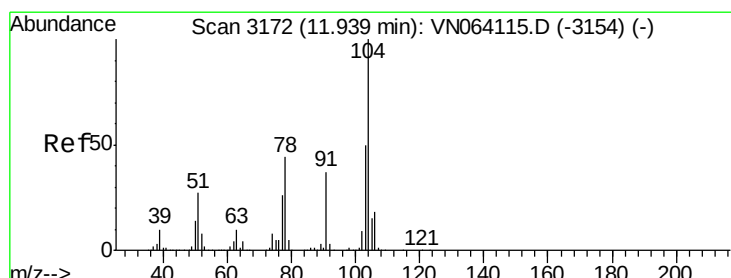
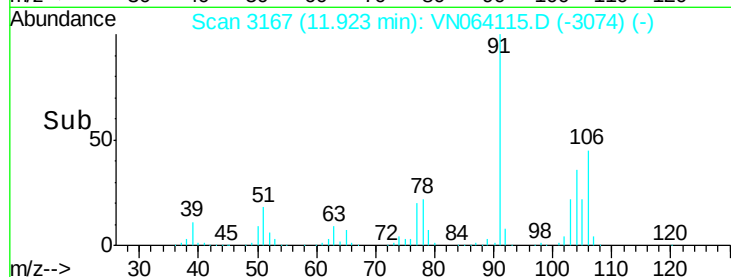
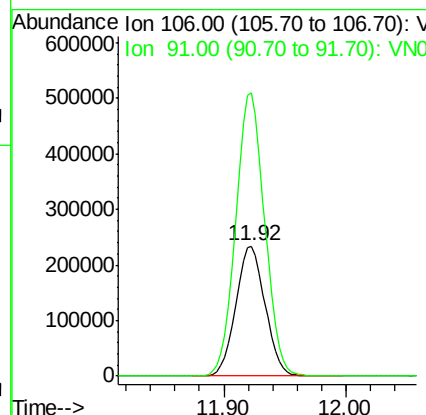
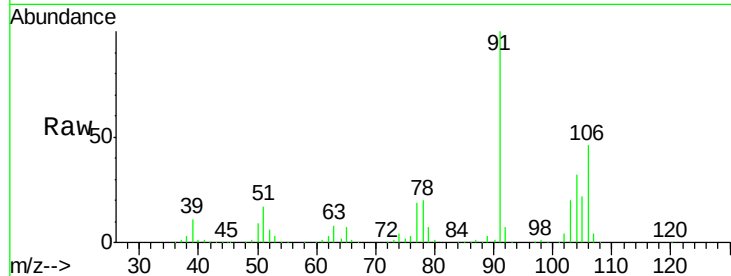
#69
o-Xylene
Concen: 51.028 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064115.D
Acq: 14 Oct 2020 15:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	215.2	107.6	322.8

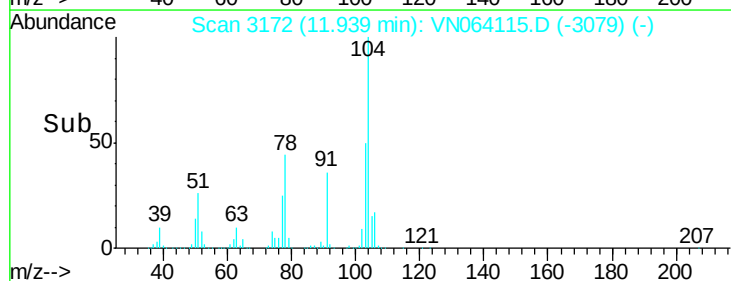
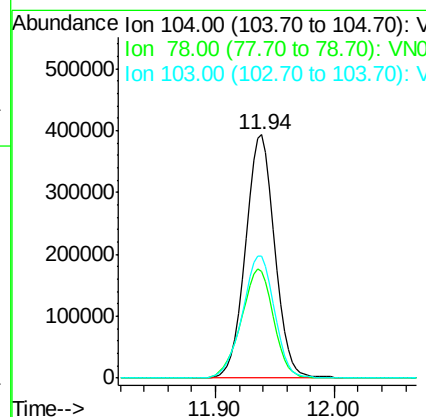
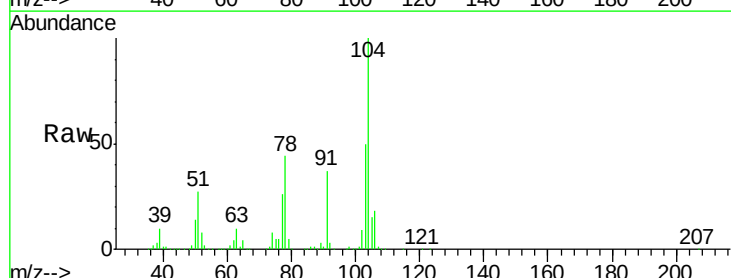
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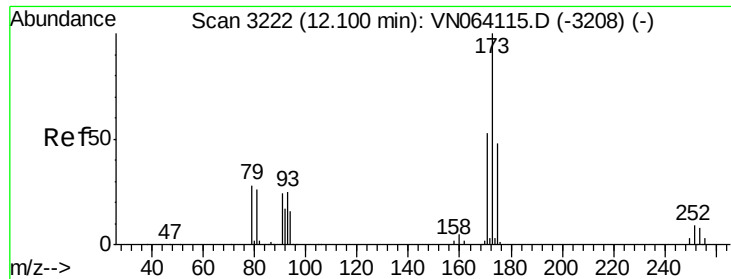
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#70
Styrene
Concen: 51.751 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064115.D
Acq: 14 Oct 2020 15:29

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.6	39.7	59.5
103	55.2	44.2	66.2





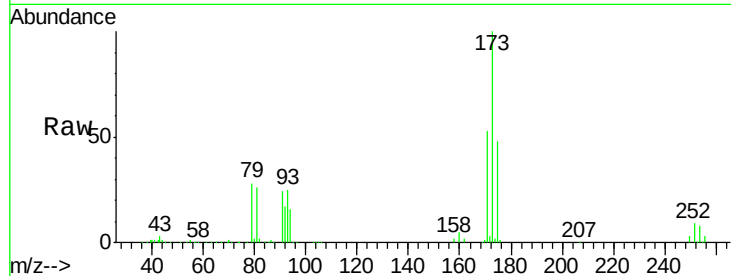
#71
Bromoform
Concen: 51.506 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN064115.D
Acq: 14 Oct 2020 15:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

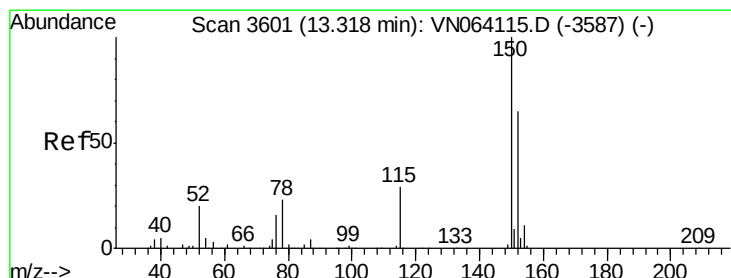
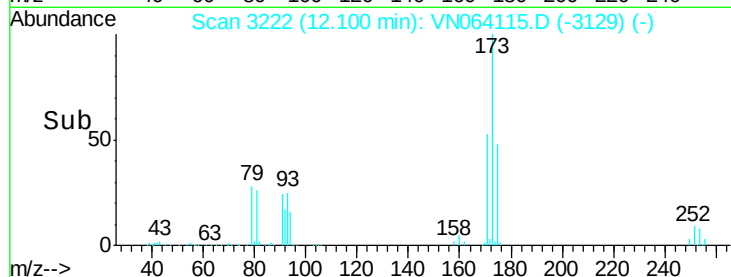
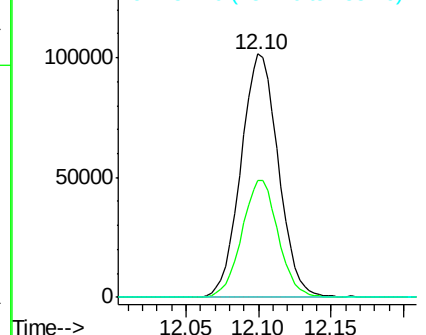
Tot Ion	Ratio	Lower	Upper
173	100		
175	46.8	23.4	70.2
254	0.1	0.1	0.1#

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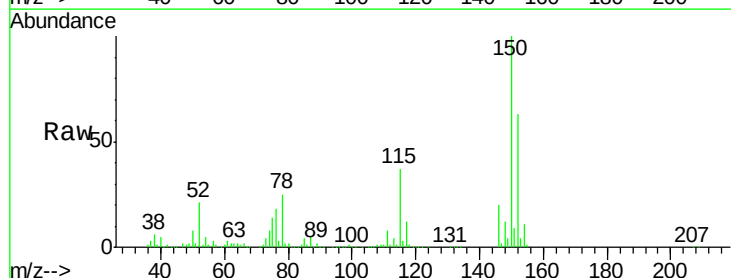


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

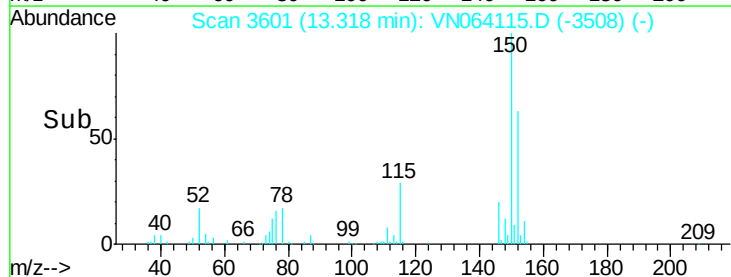
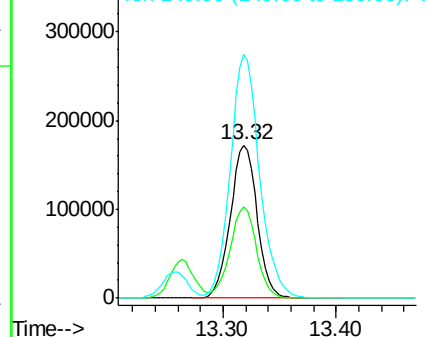


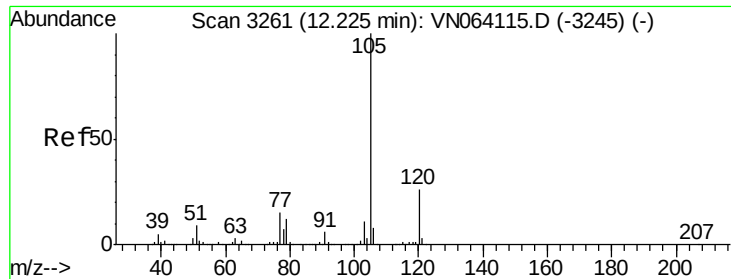
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064115.D
Acq: 14 Oct 2020 15:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.5	29.3	87.8
150	173.0	0.0	346.0



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





#73

Isopropylbenzene

Concen: 49.359 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 105 Resp: 1024111

Ion Ratio Lower Upper

105 100

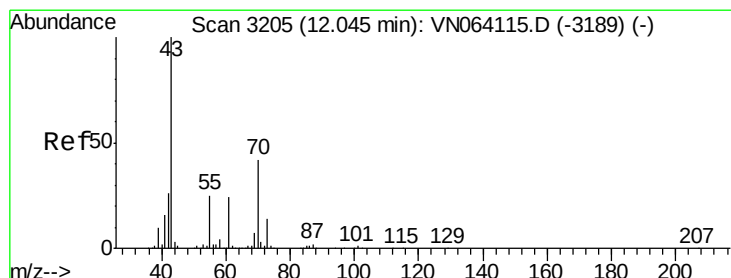
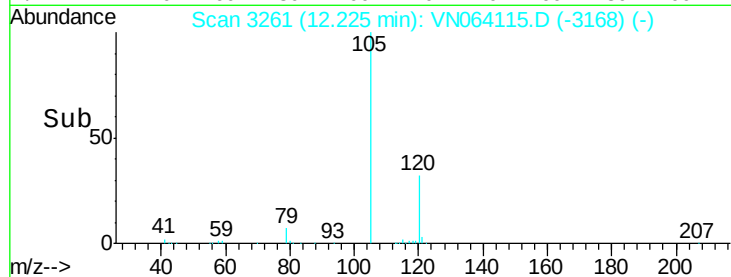
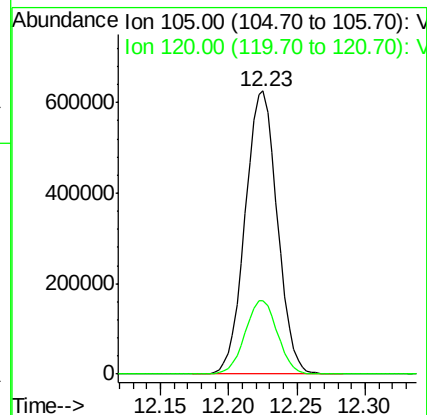
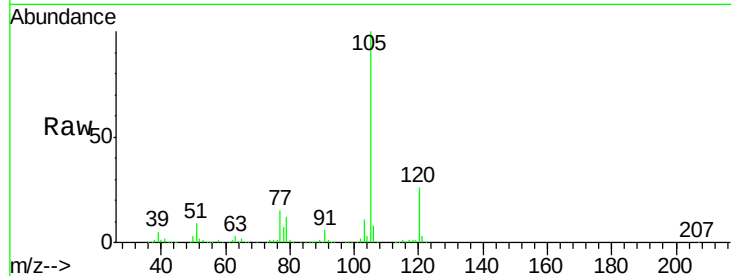
120 26.3 13.2 39.5

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#74

N-ethyl acetate

Concen: 46.441 ug/l

RT: 12.04 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

Tgt Ion: 43 Resp: 388855

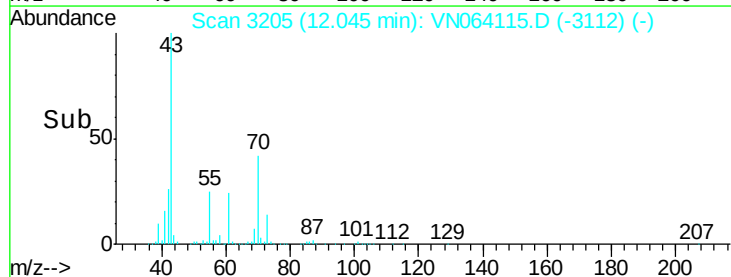
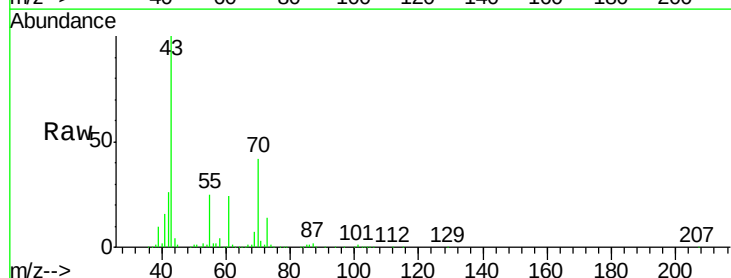
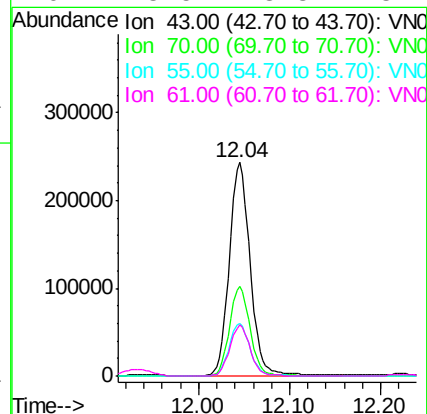
Ion Ratio Lower Upper

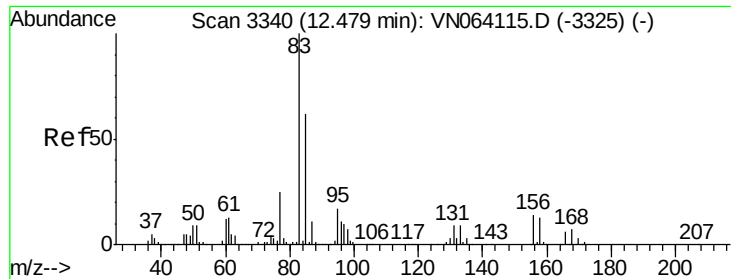
43 100

70 41.5 33.2 49.8

55 24.9 19.9 29.9

61 23.5 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 50.386 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

Instrument :

MSVOA_N

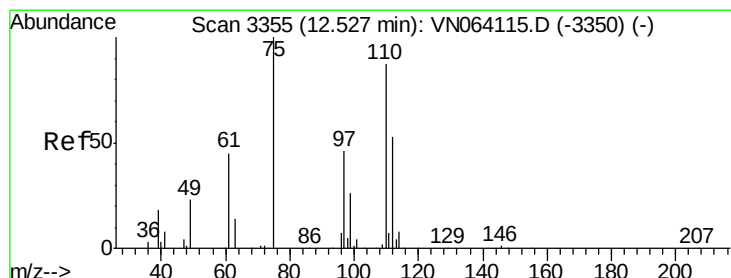
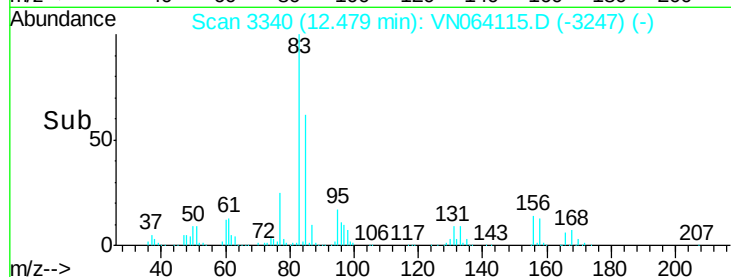
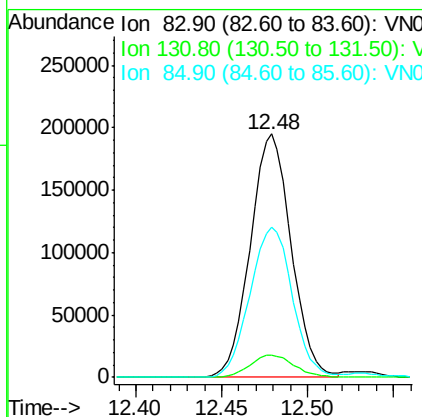
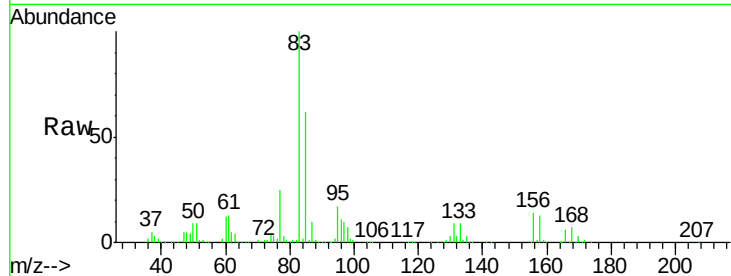
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	322164
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.0	15.0
85	63.9	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 45.023 ug/l m

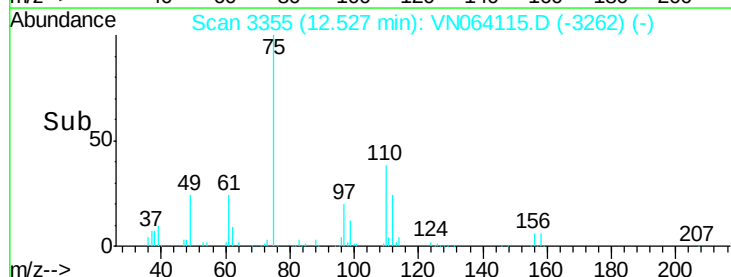
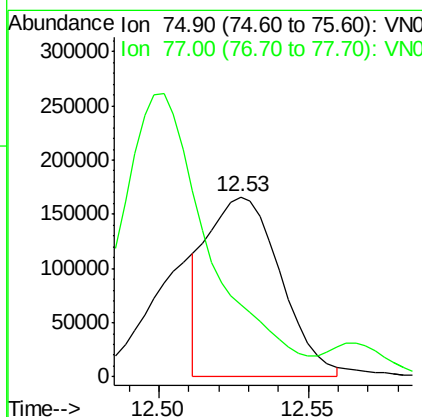
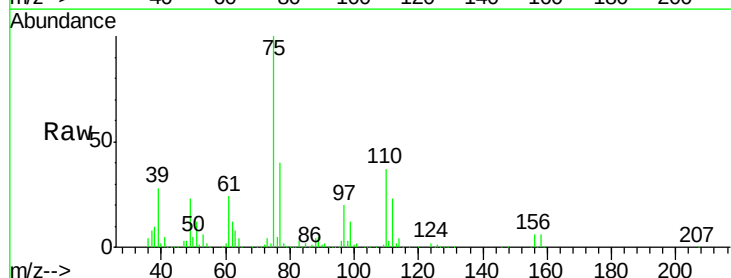
RT: 12.53 min Scan# 3355

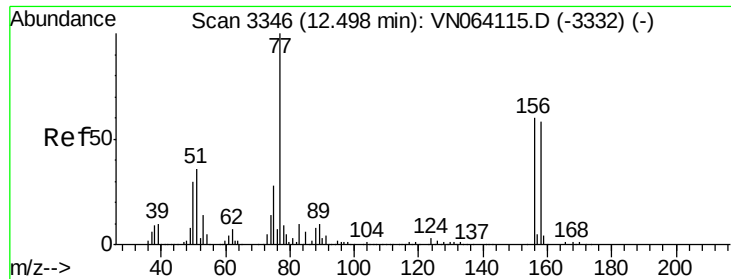
Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

Tgt Ion:	75	Resp:	282223
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 52.256 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

Instrument :

MSVOA_N

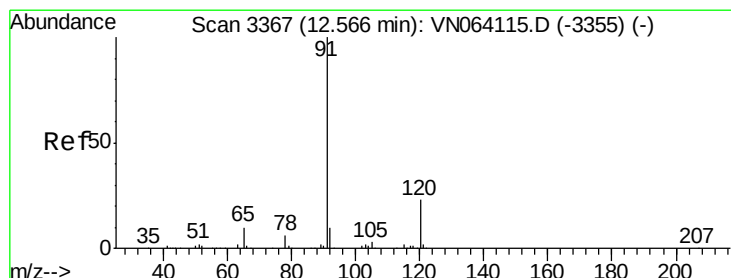
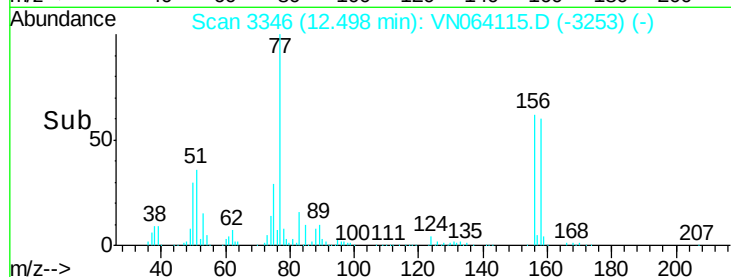
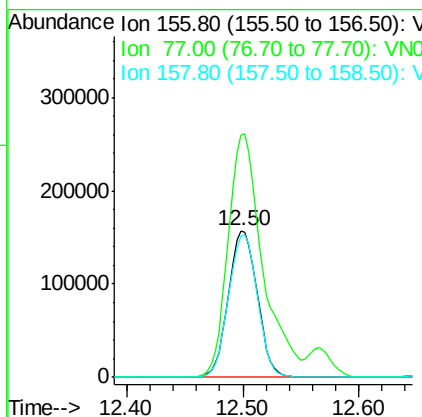
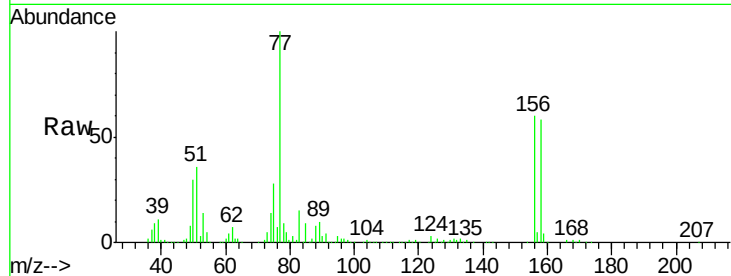
ClientSampleId :

VSTDICCC050

Tot Ion:	156	Resp:	270332
Ion Ratio	Lower	Upper	
156	100		
77	198.6	99.3	297.9
158	97.3	48.6	145.9

Manual Integrations
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#78

n-propylbenzene

Concen: 48.287 ug/l

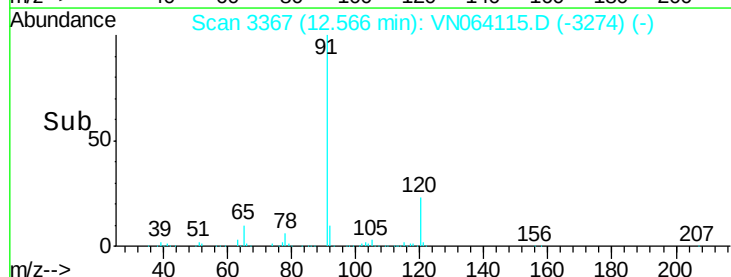
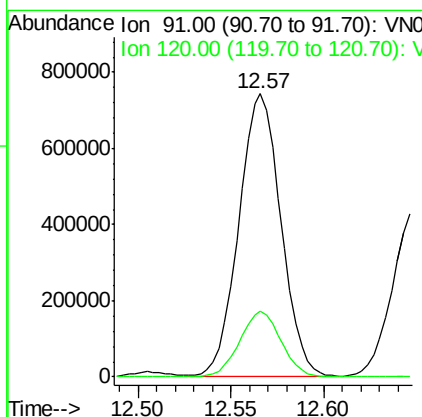
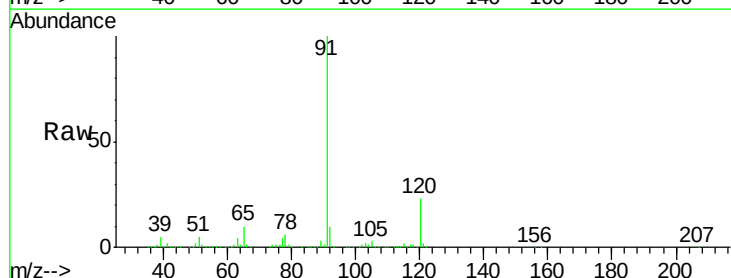
RT: 12.57 min Scan# 3367

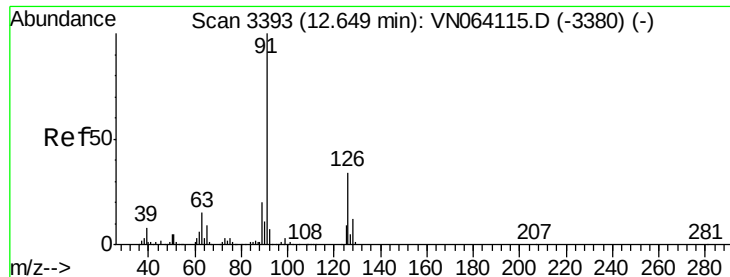
Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

Tgt Ion:	91	Resp:	1164358
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.5	34.5





#79

2-Chlorotoluene

Concen: 47.895 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 712080

Ion Ratio Lower Upper

91 100

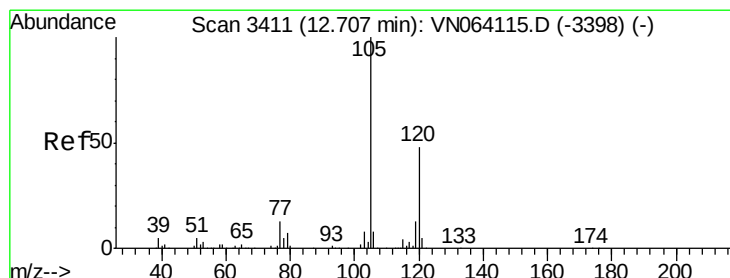
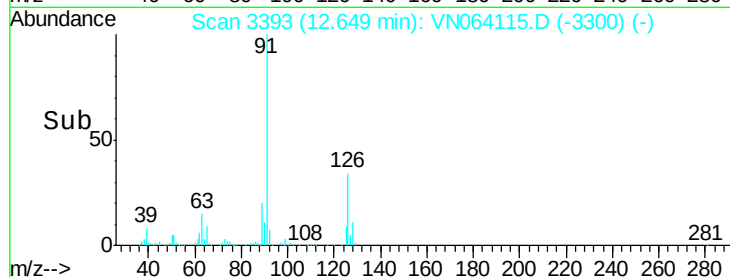
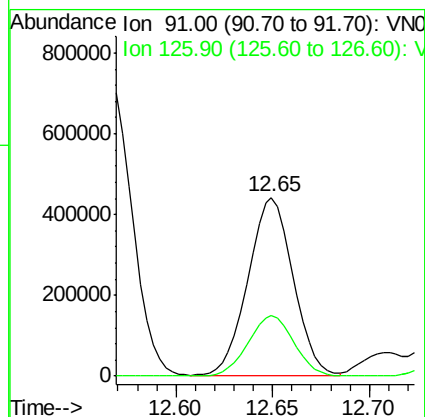
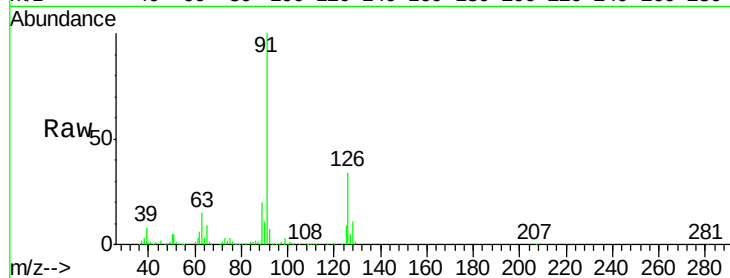
126 35.0 17.5 52.5

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 49.330 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064115.D

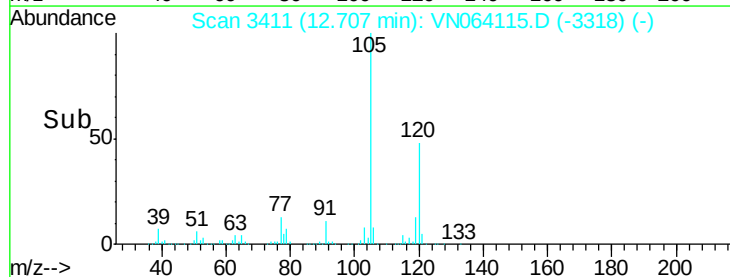
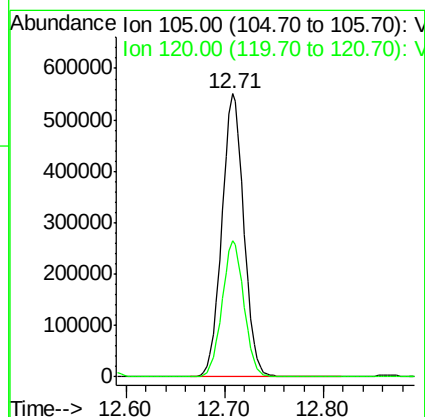
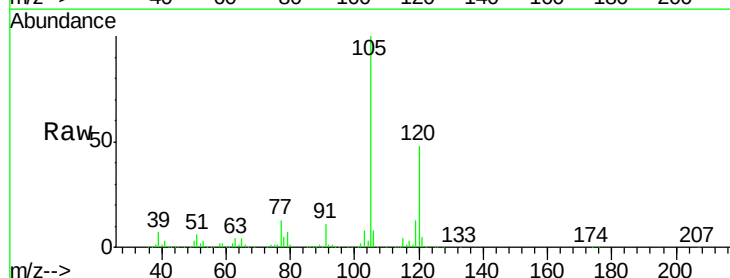
Acq: 14 Oct 2020 15:29

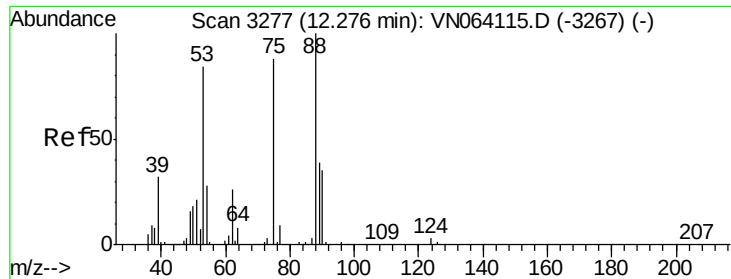
Tgt Ion: 105 Resp: 858710

Ion Ratio Lower Upper

105 100

120 48.0 24.0 72.0





#81

trans-1,4-Dichloro-2-butene

Concen: 49.221 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

Instrument :

MSVOA_N

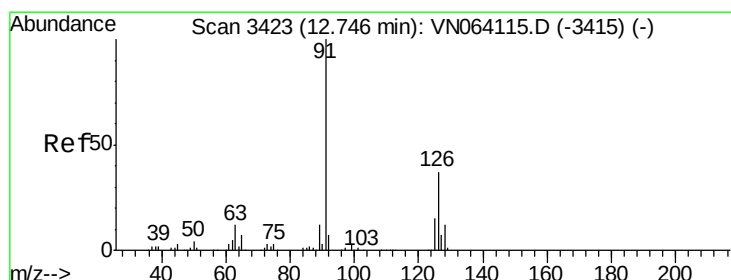
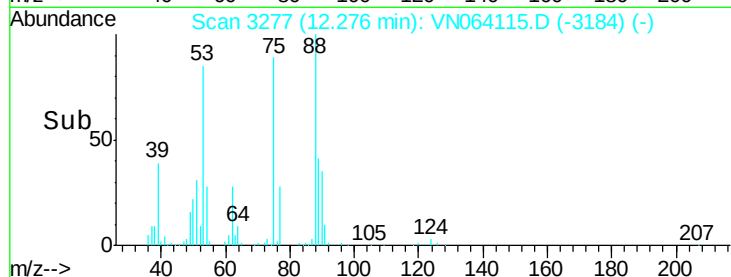
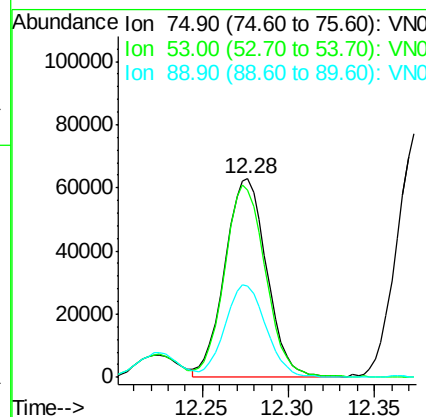
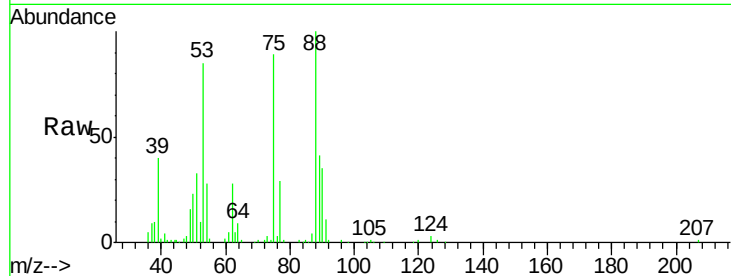
ClientSampleId :

VSTDICCC050

Tot Ion:	75	Resp:	106433
Ion	Ratio	Lower	Upper
75	100		
53	94.6	75.7	113.5
89	45.8	36.6	55.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 47.945 ug/l

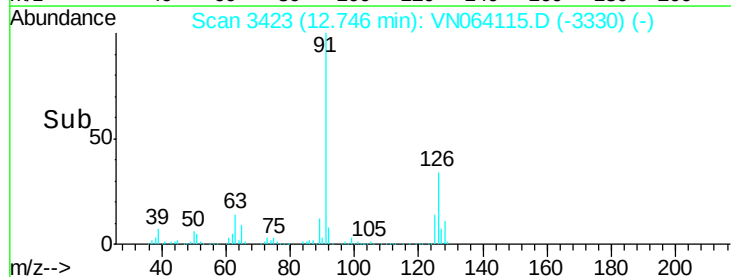
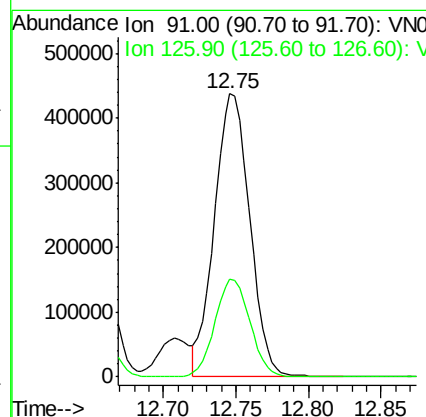
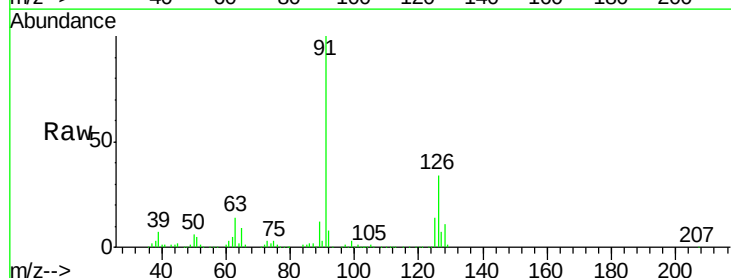
RT: 12.75 min Scan# 3423

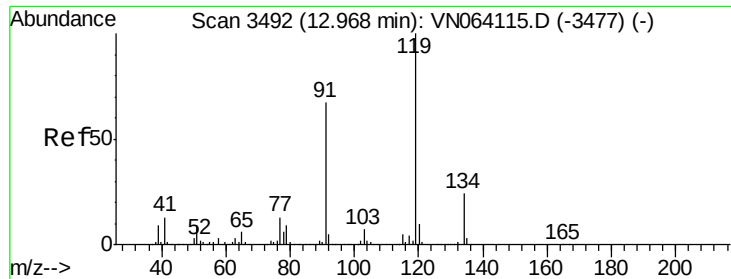
Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

Tgt Ion:	91	Resp:	736933
Ion	Ratio	Lower	Upper
91	100		
126	34.1	17.1	51.2





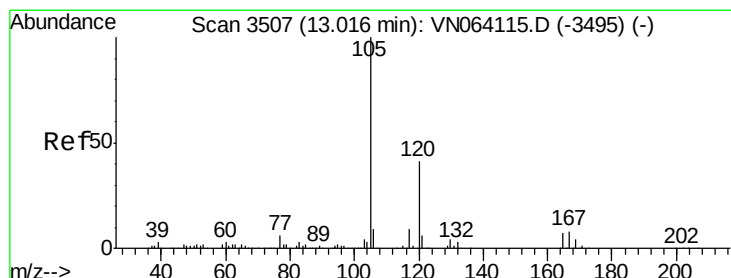
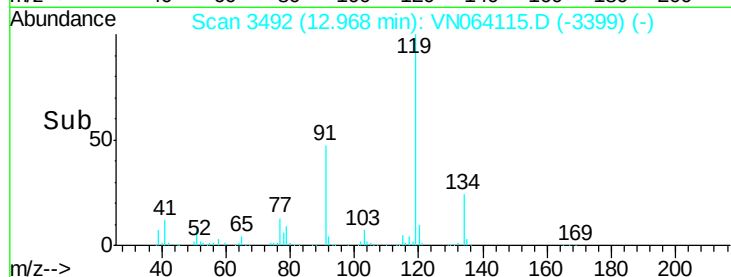
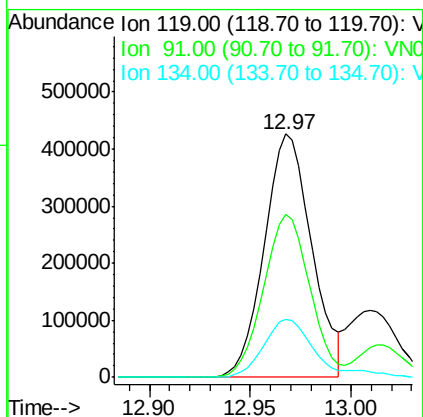
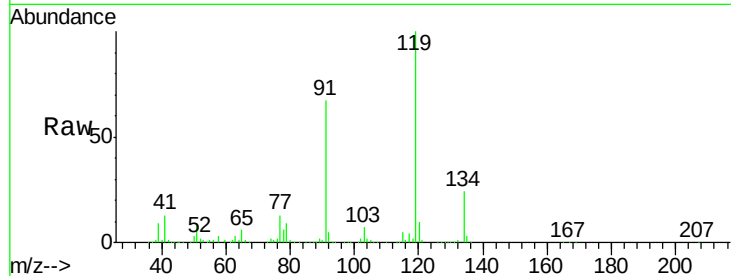
#83
 tert-Butylbenzene
 Concen: 49.031 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064115.D
 Acq: 14 Oct 2020 15:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.3	32.6	98.0
134	26.0	13.0	39.0

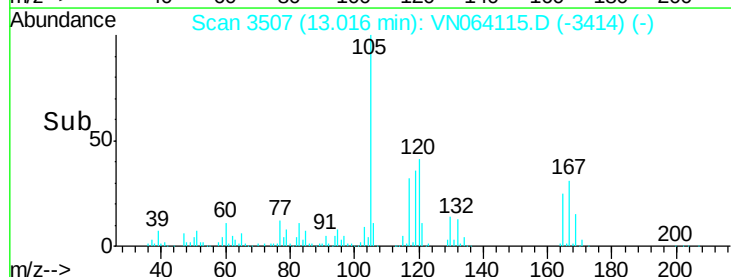
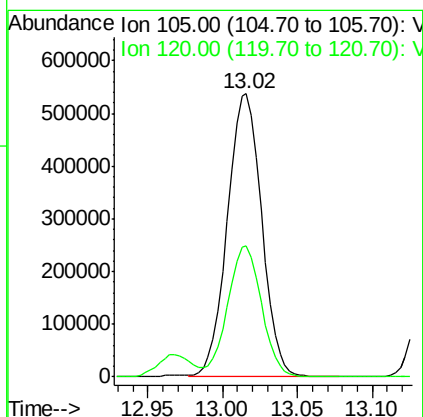
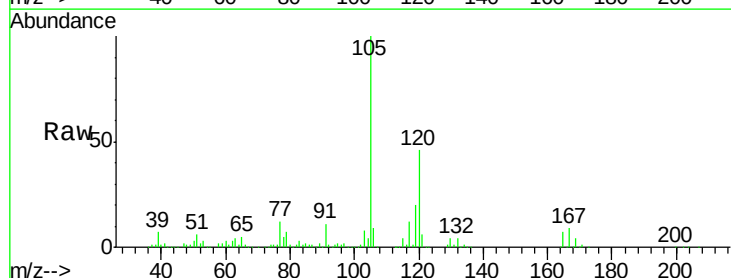
Manual Integrations
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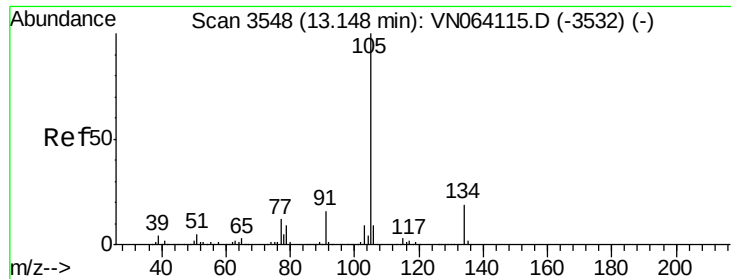
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.491 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN064115.D
 Acq: 14 Oct 2020 15:29

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.8	68.4





#85

sec-Butylbenzene

Concen: 48.702 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 908315

Ion Ratio Lower Upper

105 100

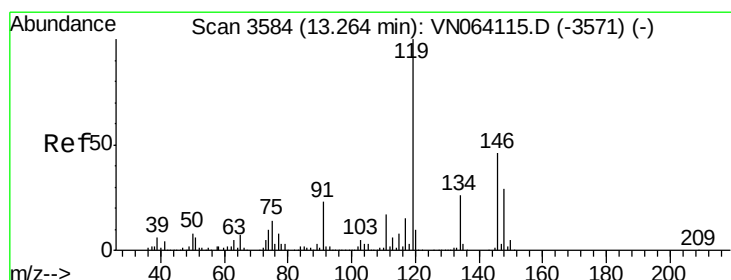
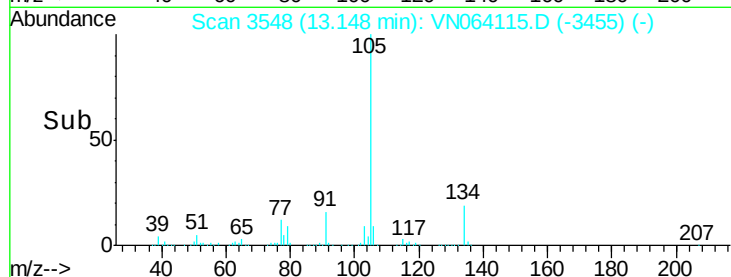
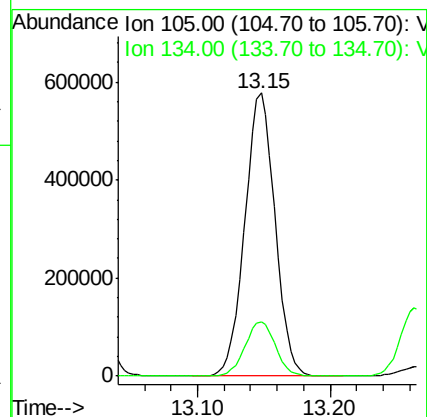
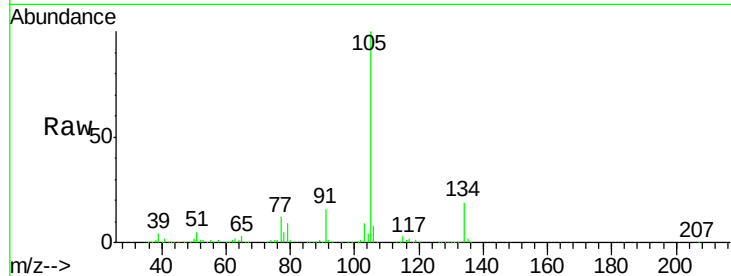
134 19.4 9.7 29.1

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#86

p-Isopropyltoluene

Concen: 49.544 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

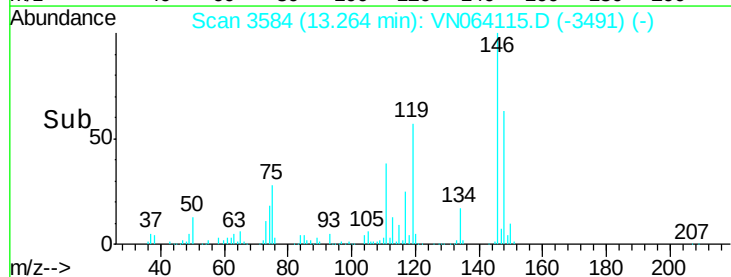
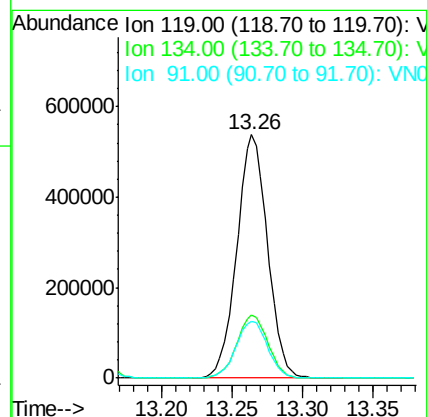
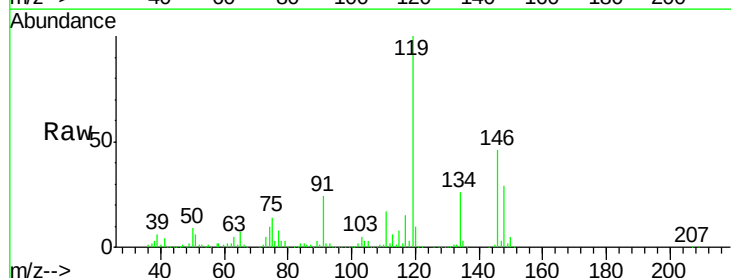
Tgt Ion:119 Resp: 816395

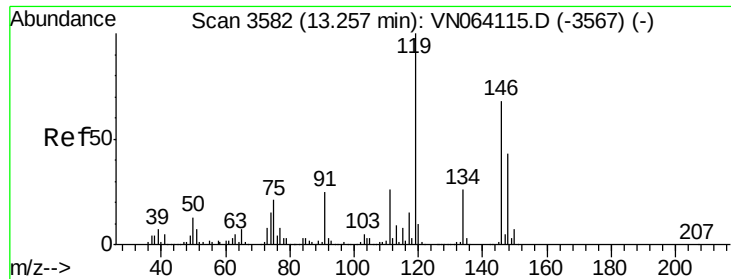
Ion Ratio Lower Upper

119 100

134 26.3 13.2 39.5

91 24.1 12.0 36.1





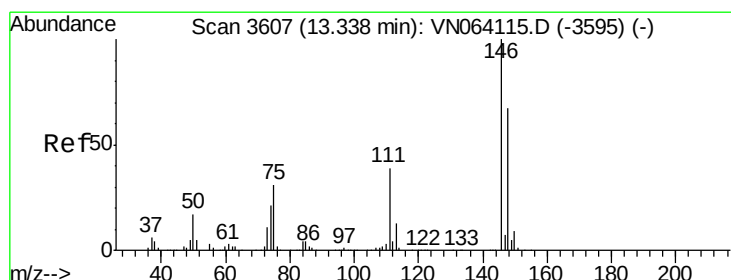
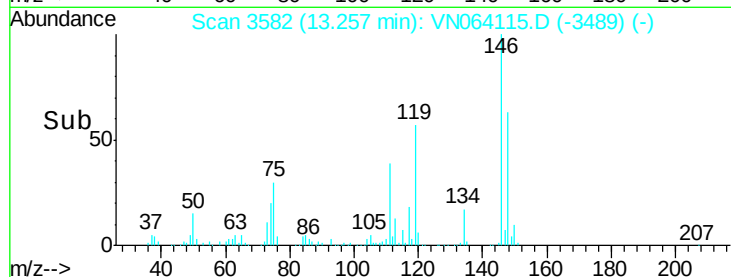
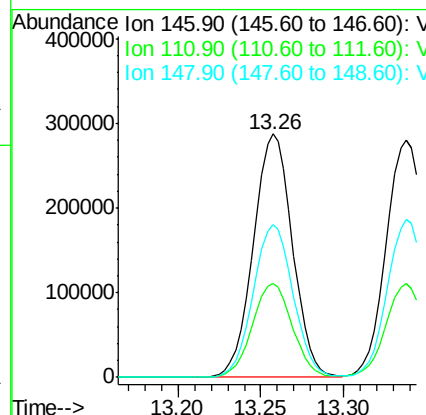
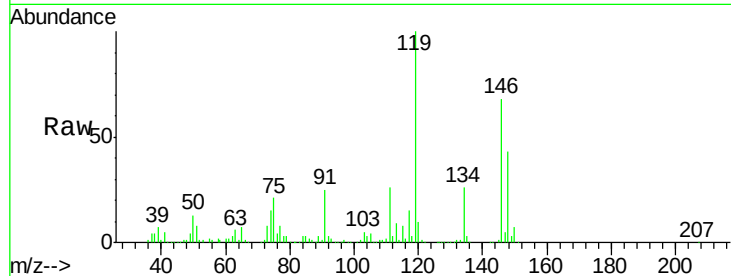
#87
 1,3-Dichlorobenzene
 Concen: 50.728 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064115.D
 Acq: 14 Oct 2020 15:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.7	59.1
148	64.1	32.0	96.2

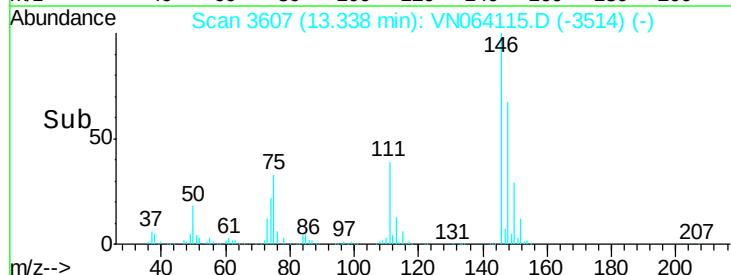
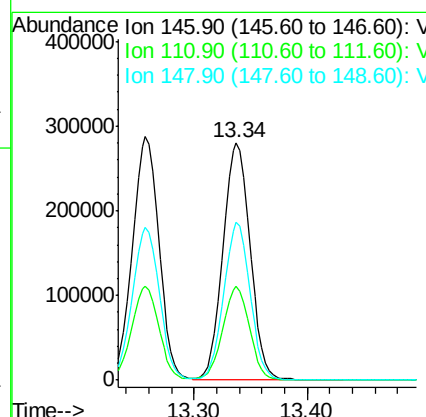
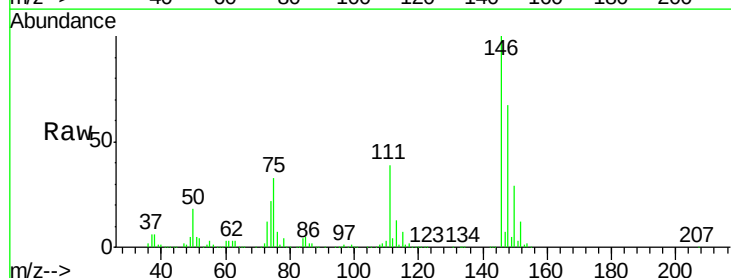
Manual Integrations
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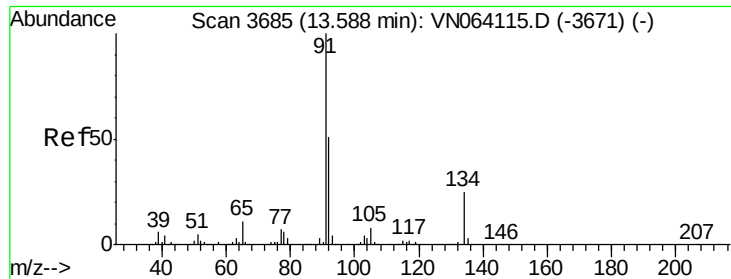
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#88
 1,4-Dichlorobenzene
 Concen: 48.515 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064115.D
 Acq: 14 Oct 2020 15:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.3	57.9
148	64.3	32.1	96.5





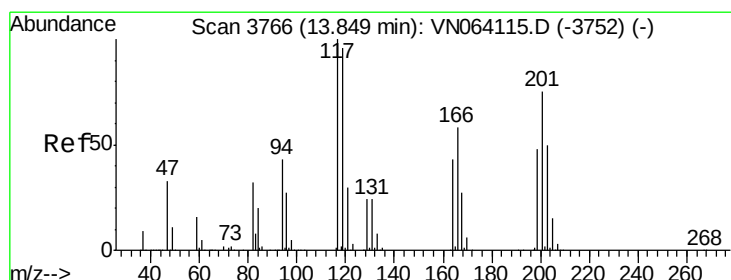
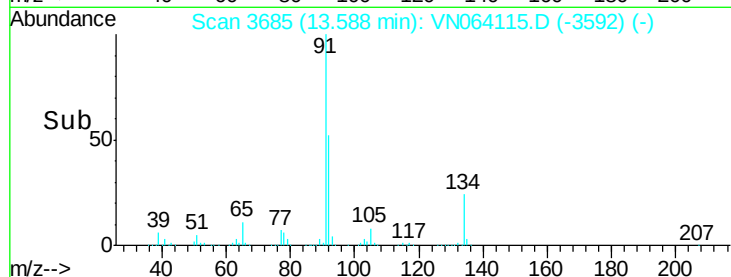
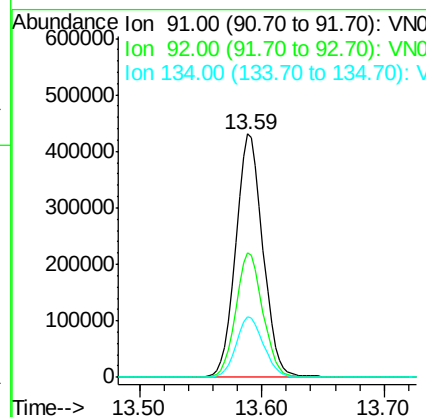
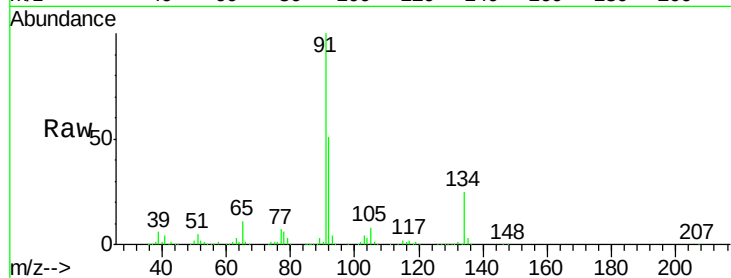
#89
n-Butylbenzene
Concen: 44.489 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064115.D
Acq: 14 Oct 2020 15:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.1	25.6	76.6
134	25.2	12.6	37.8

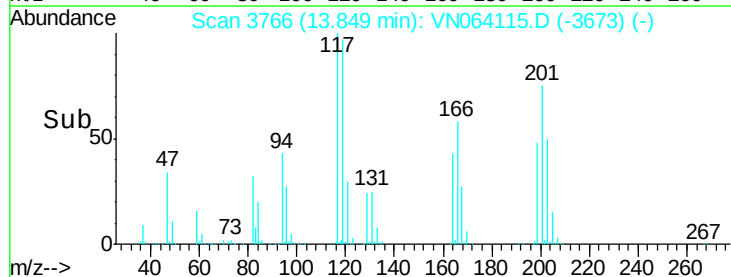
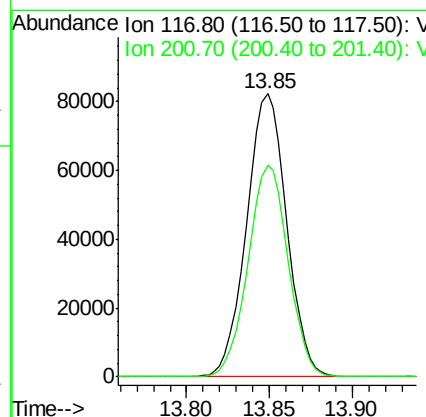
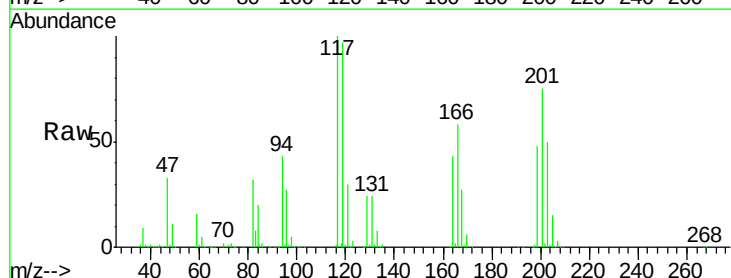
Manual Integrations
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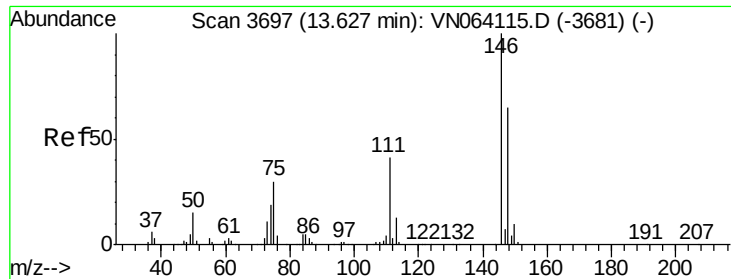
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#90
Hexachloroethane
Concen: 44.158 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064115.D
Acq: 14 Oct 2020 15:29

Tgt Ion	Ratio	Lower	Upper
117	100		
201	74.8	37.4	112.2





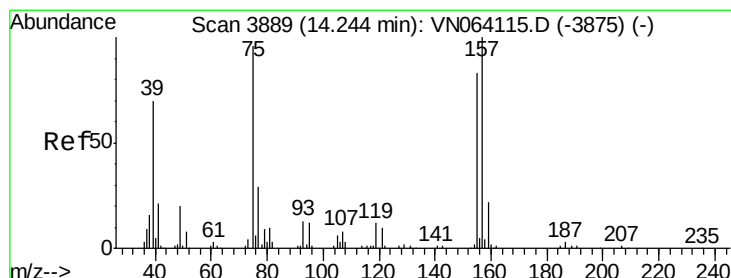
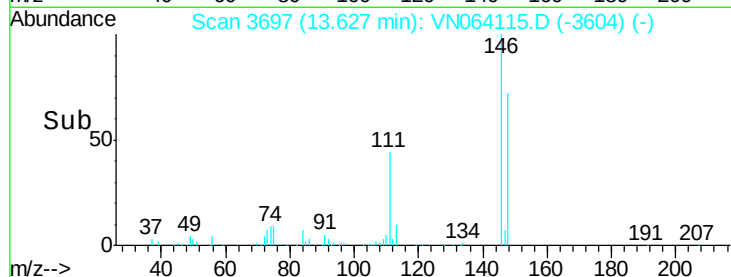
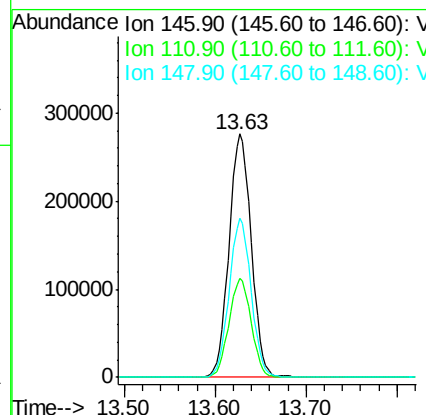
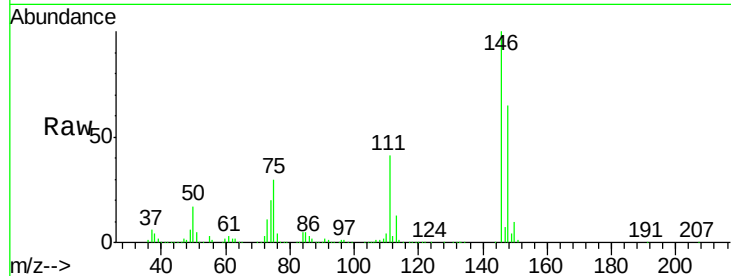
#91
 1,2-Dichlorobenzene
 Concen: 50.857 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064115.D
 Acq: 14 Oct 2020 15:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.3	60.8
148	64.4	32.2	96.6

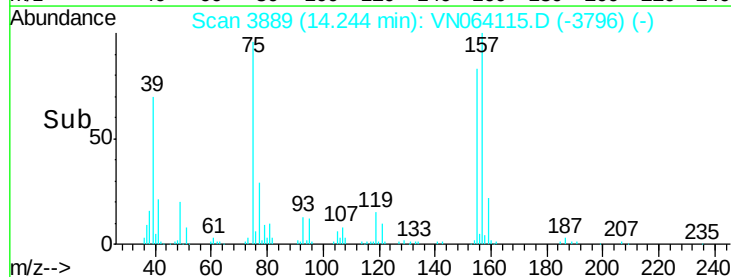
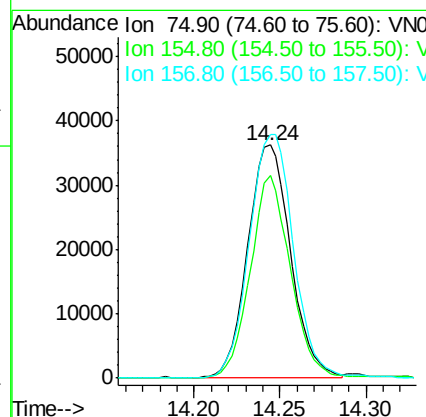
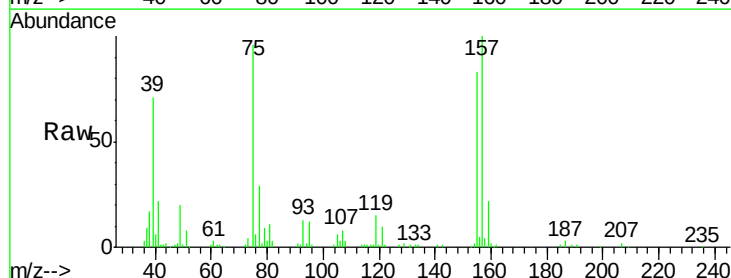
Manual Integrations
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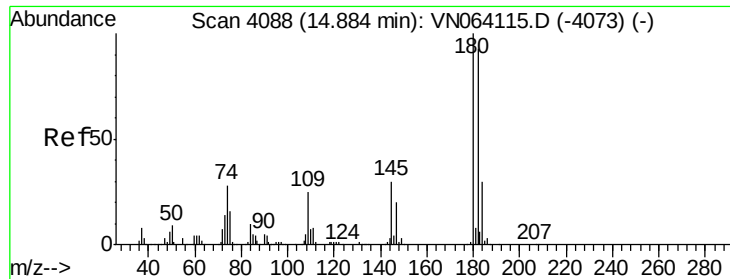
MMDadoda
 10/15/2020 12:17:24 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.205 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064115.D
 Acq: 14 Oct 2020 15:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.5	40.8	122.2
157	107.8	53.9	161.7





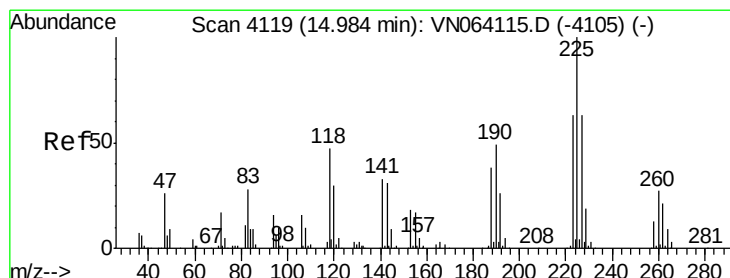
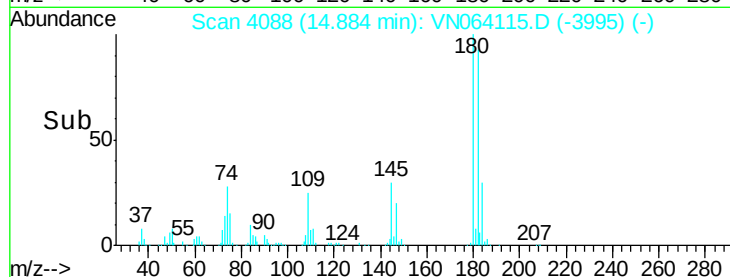
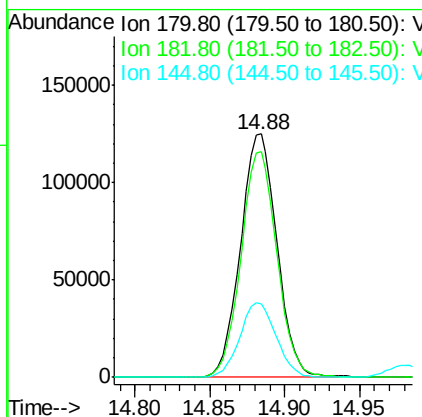
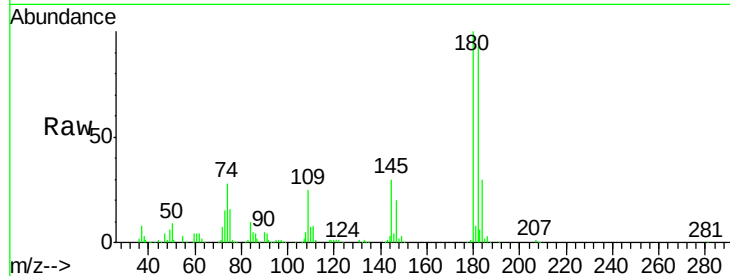
#93
 1,2,4-Trichlorobenzene
 Concen: 42.952 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN064115.D
 Acq: 14 Oct 2020 15:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	212026		
182	91.6	45.8	137.4	
145	30.7	15.4	46.1	

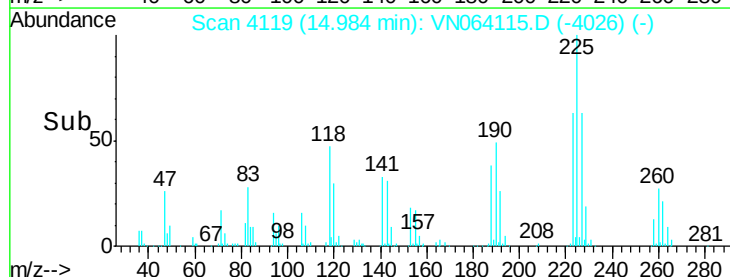
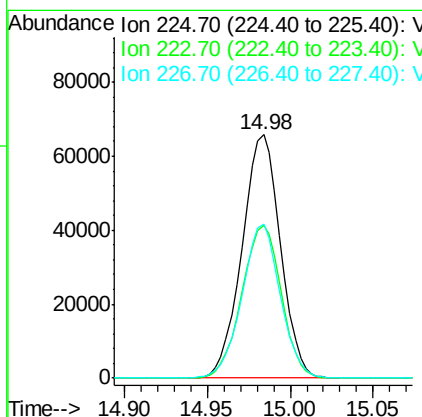
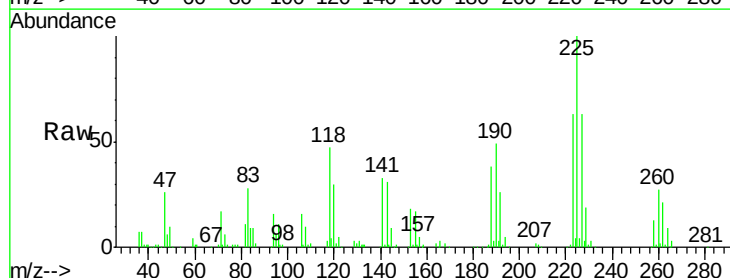
Manual Integrations
 APPROVED

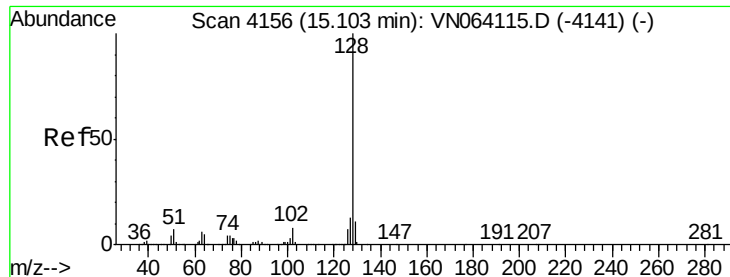
MMDadoda
 10/15/2020 12:17:24 PM



#94
 Hexachlorobutadiene
 Concen: 37.091 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN064115.D
 Acq: 14 Oct 2020 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	105933		
223	64.6	32.3	96.9	
227	63.2	31.6	94.8	





#95

Naphthalene

Concen: 41.983 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

Instrument :

MSVOA_N

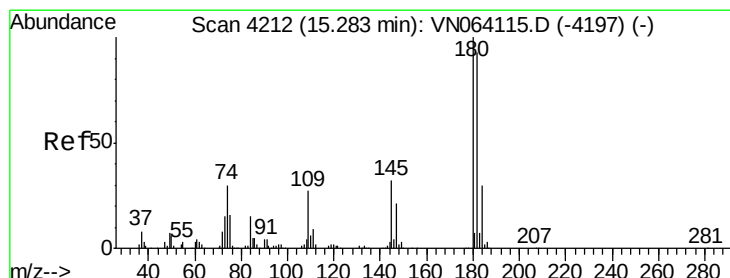
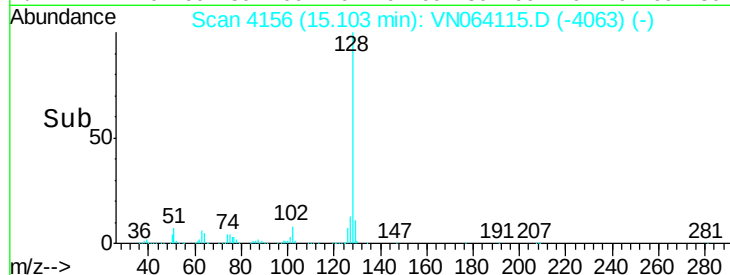
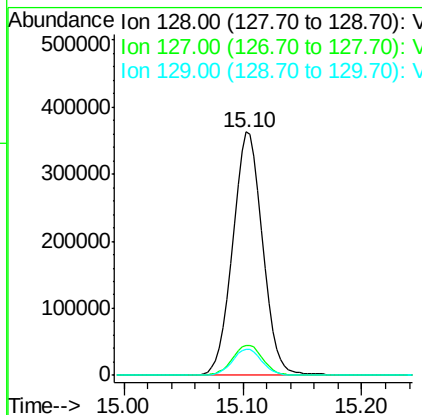
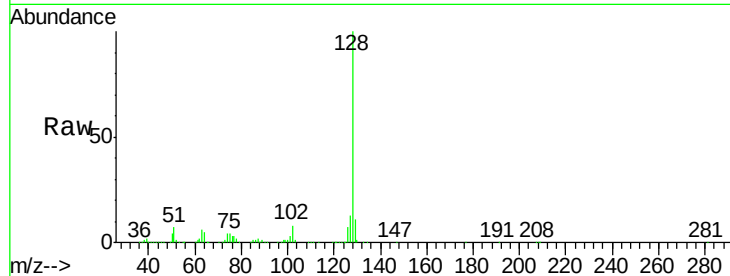
ClientSampleId :

VSTDICCC050

Tot Ion:	128	Resp:	631143
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.4
129	10.6	8.5	12.7

Manual Integrations
APPROVED

MMDadoda
10/15/2020 12:17:24 PM



#96

1,2,3-Trichlorobenzene

Concen: 42.991 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

Tgt Ion:	180	Resp:	213883
Ion Ratio	Lower	Upper	
180	100		
182	93.2	46.6	139.8
145	32.1	16.1	48.2

