

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021220\
 Data File : VN060069.D
 Acq On : 12 Feb 2020 12:27
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 2/13/2020 10:37:10 AM

Quant Time: Feb 12 14:03:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 12:49:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	199944	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	315647	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	298453	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	152904	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	121213	50.56	ug/l	0.00
Spiked Amount			Recovery	=	101.12%	
35) Dibromofluoromethane	7.57	113	99500	52.85	ug/l	0.00
Spiked Amount			Recovery	=	105.70%	
50) Toluene-d8	10.08	98	383998	51.41	ug/l	0.00
Spiked Amount			Recovery	=	102.82%	
62) 4-Bromofluorobenzene	12.40	95	141225	52.68	ug/l	0.00
Spiked Amount			Recovery	=	105.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	102142	51.192	ug/l	100
3) Chloromethane	2.04	50	117914	48.779	ug/l	100
4) Vinyl Chloride	2.17	62	135579	49.430	ug/l	100
5) Bromomethane	2.54	94	78808	43.324	ug/l	100
6) Chloroethane	2.68	64	65289	47.308	ug/l	100
7) Trichlorofluoromethane	3.00	101	169033	47.911	ug/l	100
8) Diethyl Ether	3.39	74	57544	49.977	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.74	101	94248	48.060	ug/l	100
10) Methyl Iodide	3.93	142	128299	58.062	ug/l	100
11) Tert butyl alcohol	4.73	59	92214	262.918	ug/l	100
12) 1,1-Dichloroethene	3.72	96	92252	49.172	ug/l	100
13) Acrolein	3.58	56	89565	264.382	ug/l	100
14) Allyl chloride	4.29	41	130469	46.657	ug/l	100
15) Acrylonitrile	4.94	53	231634	273.177	ug/l	100
16) Acetone	3.78	43	280430	313.847	ug/l	100
17) Carbon Disulfide	4.03	76	274388	48.044	ug/l	100
18) Methyl Acetate	4.29	43	102028	52.603	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	311139	49.233	ug/l	100
20) Methylene Chloride	4.52	84	102727	48.397	ug/l	100
21) trans-1,2-Dichloroethene	5.01	96	101756	55.369	ug/l	100
22) Diisopropyl ether	5.91	45	299184	50.121	ug/l	100
23) Vinyl Acetate	5.86	43	1300925	262.843	ug/l	100
24) 1,1-Dichloroethane	5.82	63	181233	49.156	ug/l	100
25) 2-Butanone	6.80	43	355523	276.608	ug/l	100
26) 2,2-Dichloropropane	6.80	77	172970	49.247	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	117693	55.255	ug/l	100
28) Bromochloromethane	7.17	49	71888	55.794	ug/l	100
29) Tetrahydrofuran	7.18	42	206844	260.324	ug/l	100
30) Chloroform	7.35	83	191387	49.516	ug/l	100
31) Cyclohexane	7.63	56	164249	46.521	ug/l	100
32) 1,1,1-Trichloroethane	7.55	97	176294	50.048	ug/l	100
36) 1,1-Dichloropropene	7.77	75	143765	49.205	ug/l	100
37) Ethyl Acetate	6.90	43	132386	51.601	ug/l	100
38) Carbon Tetrachloride	7.75	117	155374	49.015	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	176984	48.885	ug/l	100
40) Benzene	8.02	78	422257	48.339	ug/l	100
41) Methacrylonitrile	7.15	41	59560m	35.390	ug/l	
42) 1,2-Dichloroethane	8.10	62	150908	49.896	ug/l	100
43) Isopropyl Acetate	8.14	43	225771	51.273	ug/l	100
44) Trichloroethene	8.82	130	117166	48.341	ug/l	100
45) 1,2-Dichloropropane	9.10	63	107748	50.289	ug/l	100
46) Dibromomethane	9.19	93	76052	50.510	ug/l	100
47) Bromodichloromethane	9.39	83	153956	50.394	ug/l	100
48) Methyl methacrylate	9.18	41	102372	52.431	ug/l	100
49) 1,4-Dioxane	9.18	88	37980	1159.285	ug/l	100
51) 4-Methyl-2-Pentanone	9.97	43	674923	266.573	ug/l	100
52) Toluene	10.14	92	274843	49.866	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	175294	51.868	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	183026	50.668	ug/l	100
55) 1,1,2-Trichloroethane	10.55	97	108169	49.959	ug/l	100
56) Ethyl methacrylate	10.42	69	160610	55.758	ug/l	100
57) 1,3-Dichloropropane	10.70	76	176463	49.293	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	375227	276.302	ug/l	100
59) 2-Hexanone	10.74	43	541745	280.514	ug/l	100
60) Dibromochloromethane	10.89	129	125660	51.871	ug/l	100
61) 1,2-Dibromoethane	10.99	107	115336	51.817	ug/l	100
64) Tetrachloroethene	10.62	164	109198	46.643	ug/l	100
65) Chlorobenzene	11.43	112	298497	48.865	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	114305	49.995	ug/l	100
67) Ethyl Benzene	11.50	91	539429	49.089	ug/l	100
68) m/p-Xylenes	11.62	106	407076	99.542	ug/l	100
69) o-Xylene	11.94	106	196436	49.984	ug/l	100
70) Styrene	11.96	104	326879	53.614	ug/l	100
71) Bromoform	12.12	173	94554	53.873	ug/l #	100
73) Isopropylbenzene	12.25	105	539692	46.153	ug/l	100
74) N-amyl acetate	12.07	43	210386	52.734	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	160593	48.506	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	144542m	34.780	ug/l	
77) Bromobenzene	12.52	156	134984	46.893	ug/l	100
78) n-propylbenzene	12.59	91	615877	46.425	ug/l	100
79) 2-Chlorotoluene	12.67	91	357558	45.664	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	453239	46.962	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	59418	51.712	ug/l	100
82) 4-Chlorotoluene	12.77	91	372259	46.957	ug/l	100
83) tert-Butylbenzene	12.99	119	388742	44.790	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	456989	48.436	ug/l	100
85) sec-Butylbenzene	13.17	105	530020	46.683	ug/l	100
86) p-Isopropyltoluene	13.28	119	478937	47.101	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	242196	48.176	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	239940	48.110	ug/l	100
89) n-Butylbenzene	13.61	91	430384	48.870	ug/l	100
90) Hexachloroethane	13.87	117	90220	47.699	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	234595	47.098	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	34889	44.067	ug/l	100

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QLast Update : Wed Feb 12 12:49:56 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	147337	53.082	ug/l	100
94) Hexachlorobutadiene	15.01	225	78525	44.862	ug/l	100
95) Naphthalene	15.13	128	408807	55.811	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	143081	50.934	ug/l	100

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

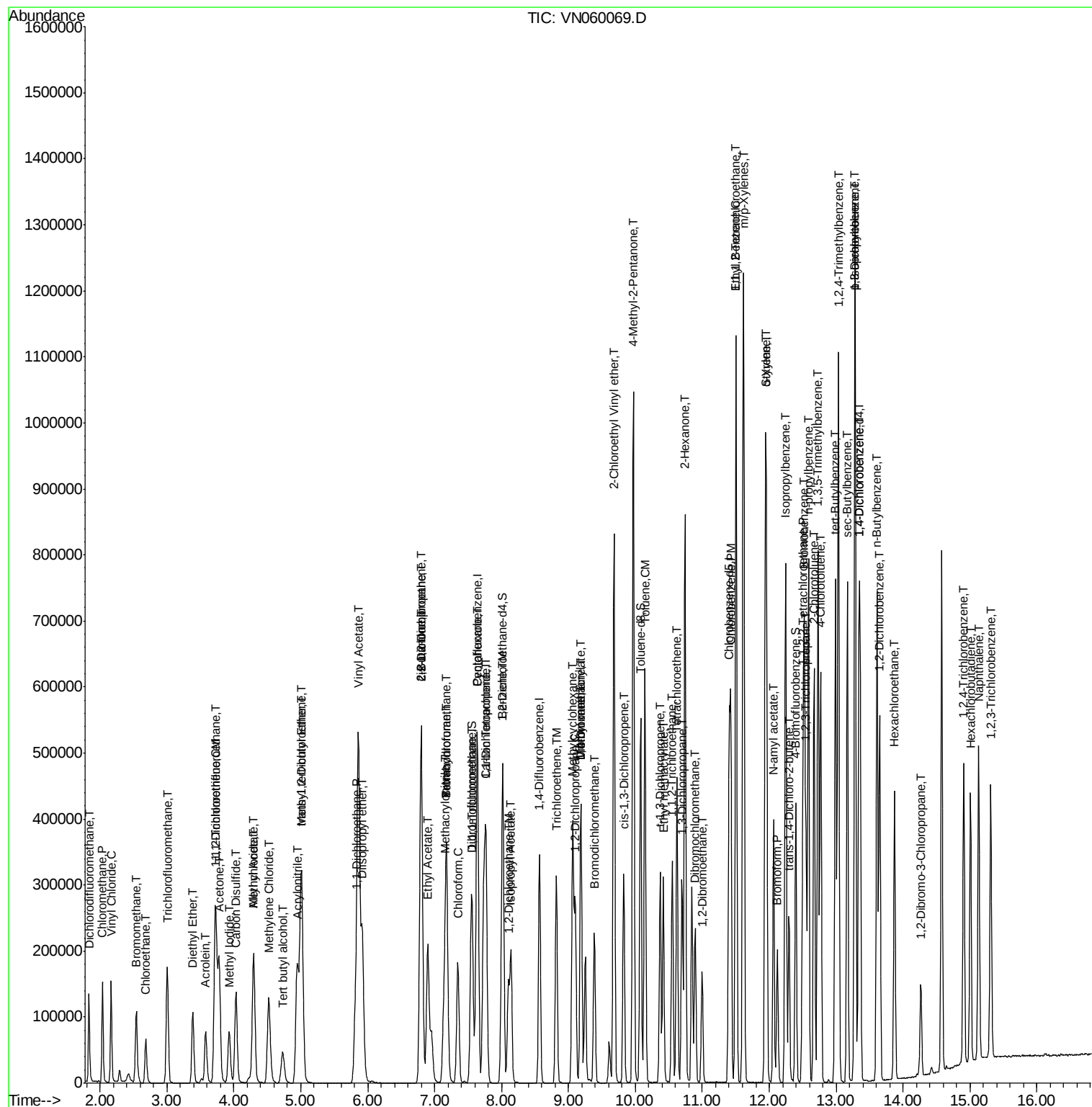
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 Data File : VN060069.D
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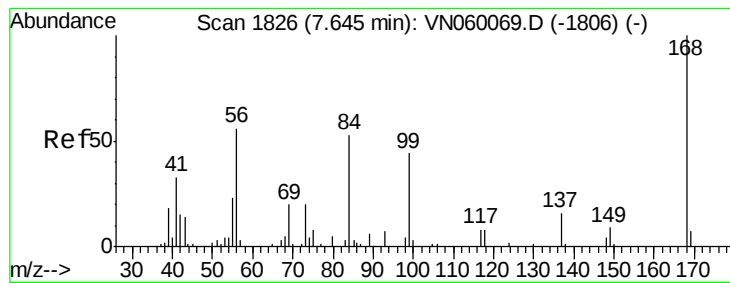
Instrument :
 MSVOA_N
 Client Sample Id :
 VSTDICCC050

Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN060069.D

Acq: 12 Feb 2020 12:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 199944

Ion Ratio Lower Upper

168 100

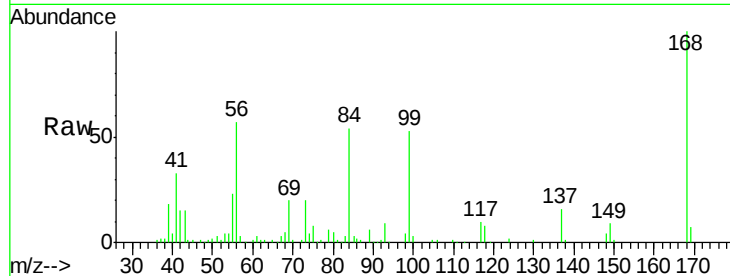
99 53.4 42.7 64.1

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

60000

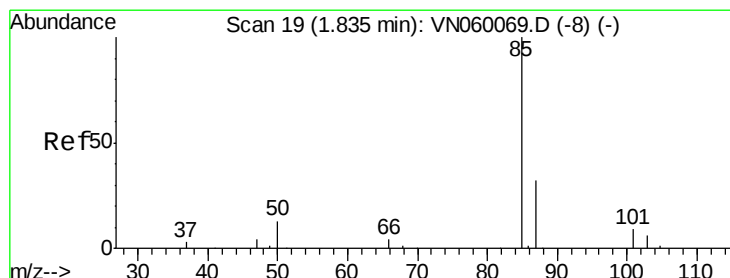
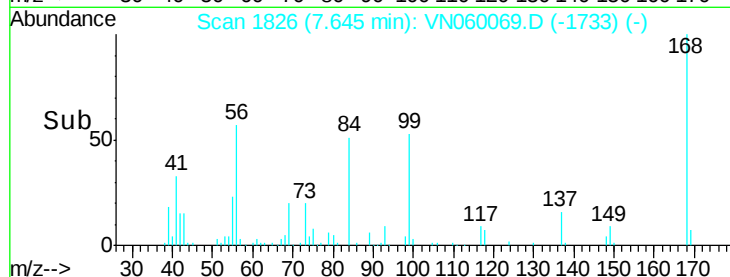
40000

20000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 51.192 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN060069.D

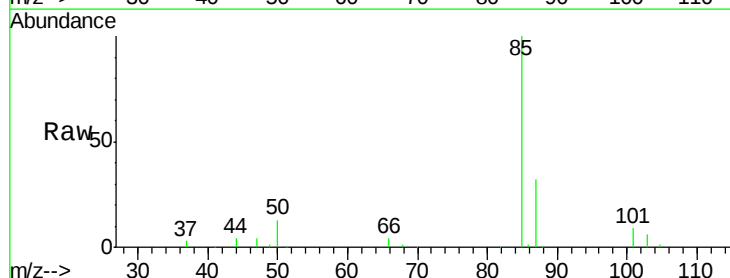
Acq: 12 Feb 2020 12:27

Tgt Ion: 85 Resp: 102142

Ion Ratio Lower Upper

85 100

87 32.1 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

80000

60000

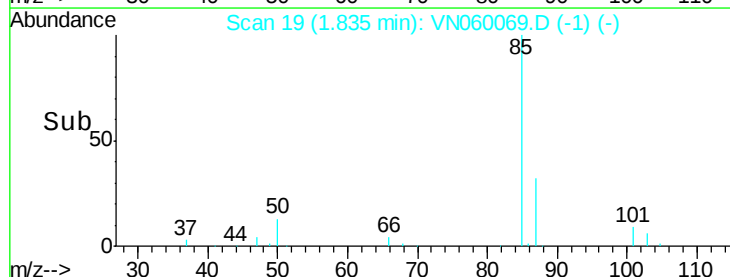
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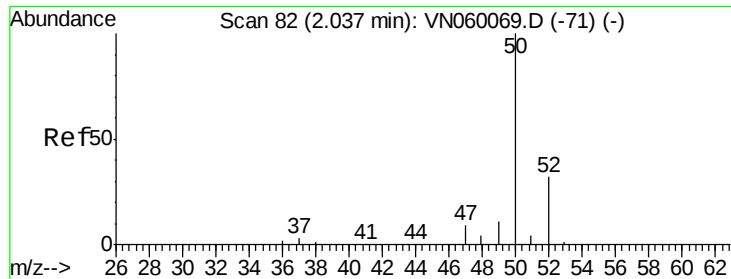
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1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 48.779 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060069.D

Acq: 12 Feb 2020 12:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 117914

Ion Ratio Lower Upper

50 100

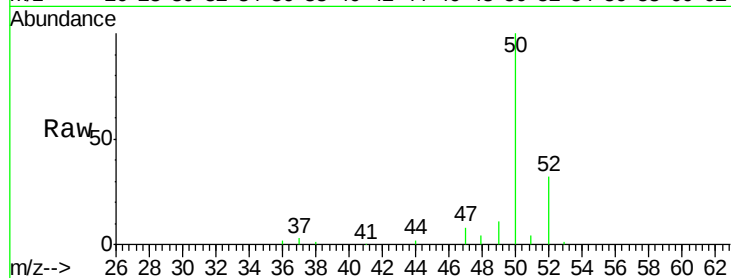
52 32.0 25.6 38.4

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.04

100000

80000

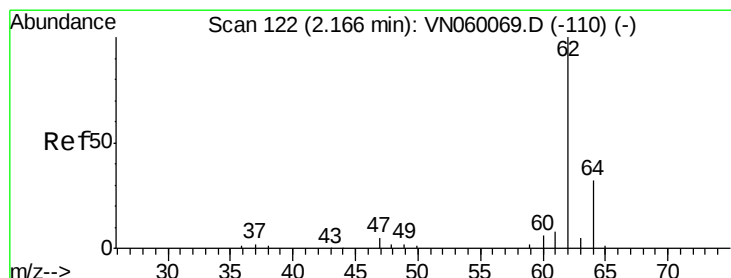
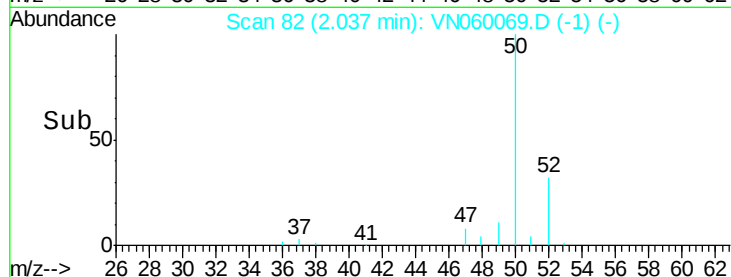
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40000

20000

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Time-->



#4

Vinyl Chloride

Concen: 49.430 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN060069.D

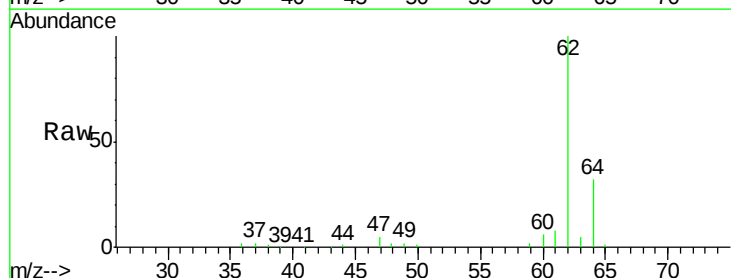
Acq: 12 Feb 2020 12:27

Tgt Ion: 62 Resp: 135579

Ion Ratio Lower Upper

62 100

64 32.4 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.17

100000

80000

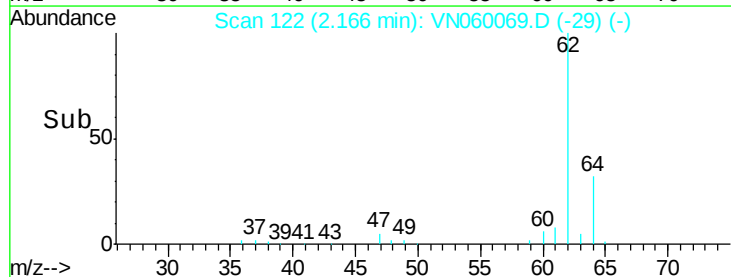
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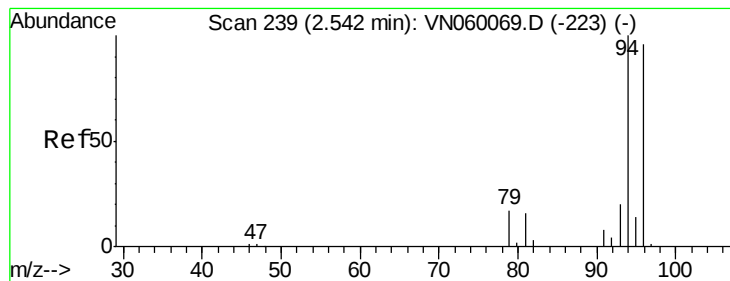
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Time-->





#5

Bromomethane

Concen: 43.324 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.00 min

Lab File: VN060069.D

Acq: 12 Feb 2020 12:27

Tot Ion: 94 Resp: 78808

Ion Ratio Lower Upper

94 100

96 95.9 76.7 115.1

Instrument :

MSVOA_N

ClientSampleId :

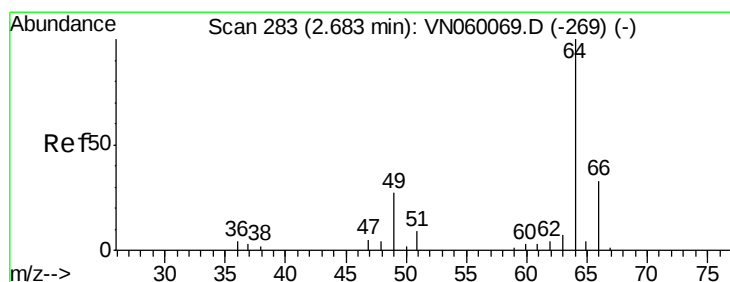
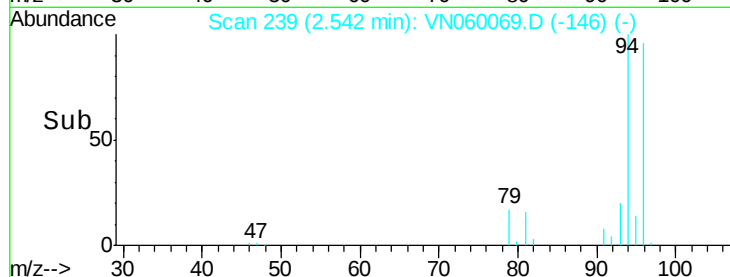
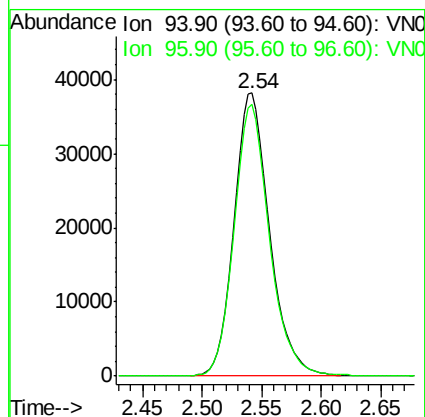
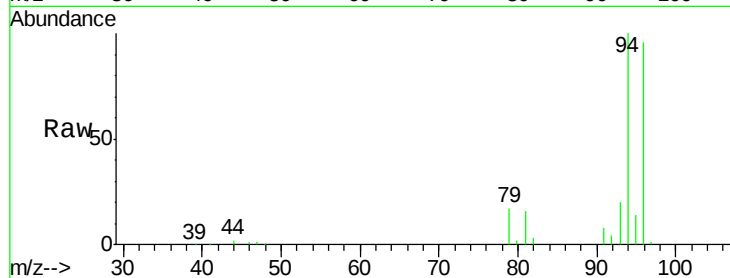
VSTDICCC050

Manual Integrations

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#6

Chloroethane

Concen: 47.308 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN060069.D

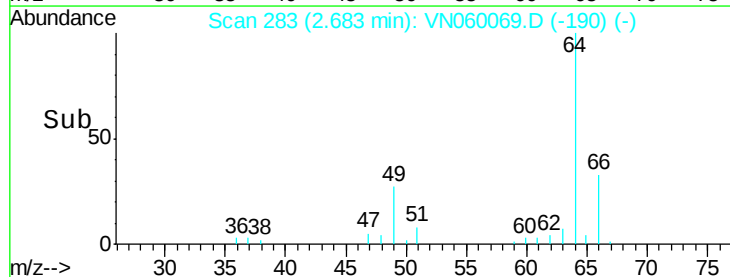
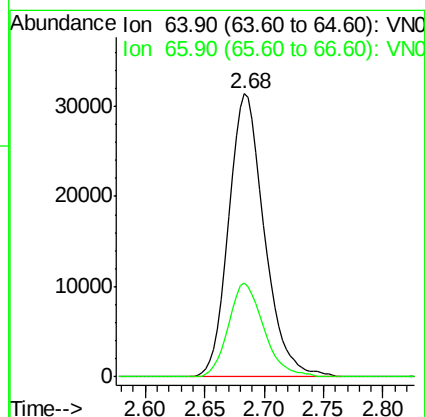
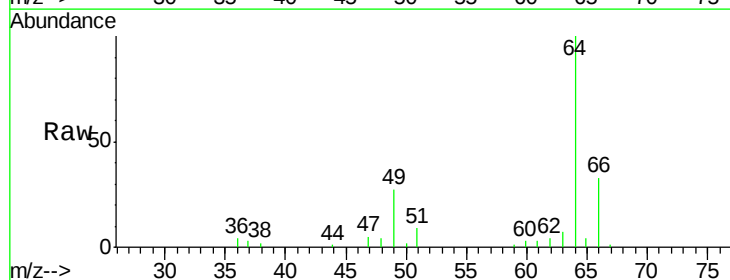
Acq: 12 Feb 2020 12:27

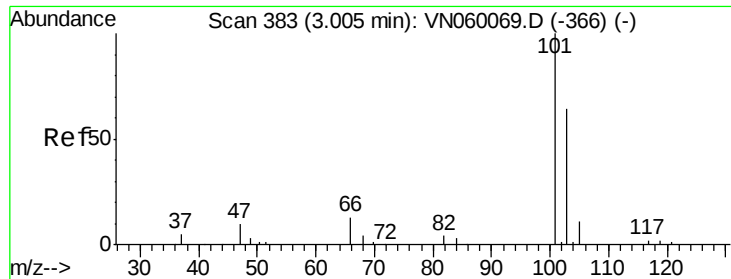
Tgt Ion: 64 Resp: 65289

Ion Ratio Lower Upper

64 100

66 33.3 26.6 40.0





#7

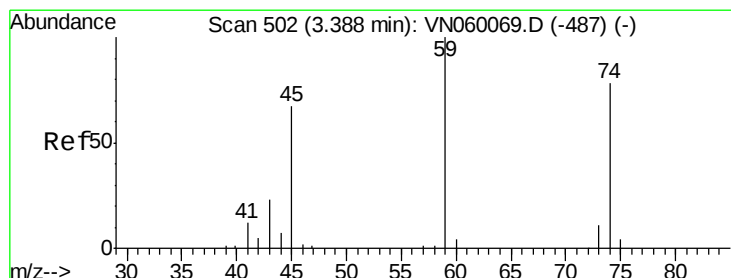
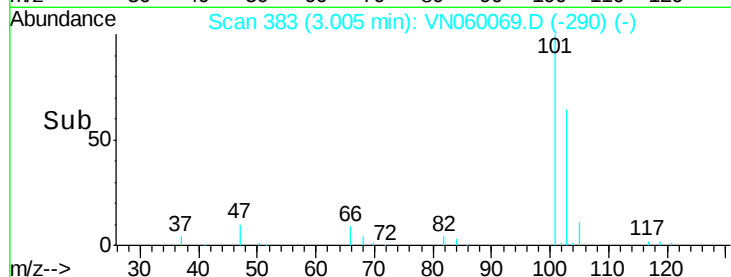
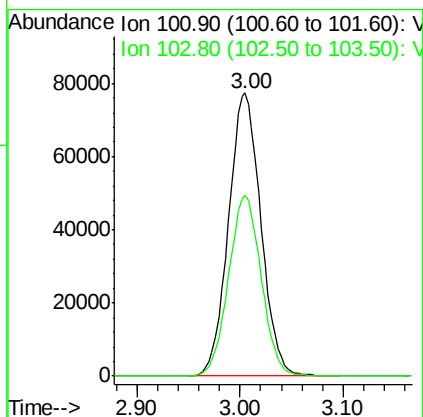
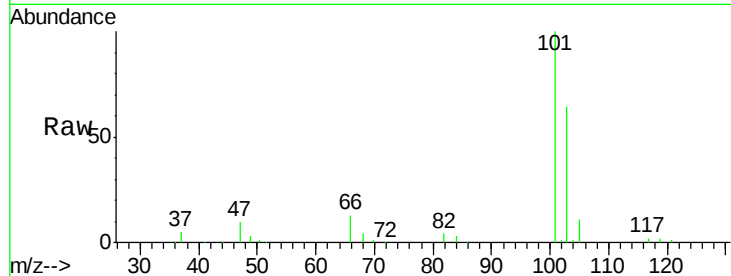
Trichlorofluoromethane
Concen: 47.911 ug/l
RT: 3.00 min Scan# 383
Delta R.T. 0.00 min
Lab File: VN060069.D
Acq: 12 Feb 2020 12:27

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	51.0	76.6

Manual Integrations
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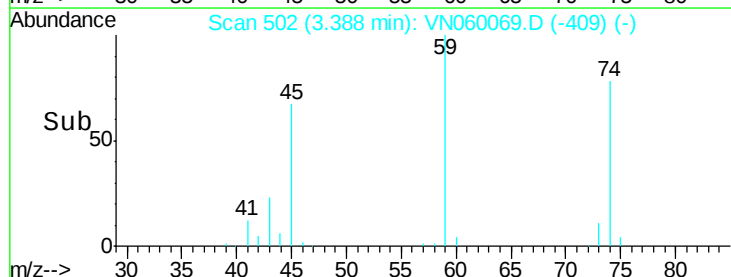
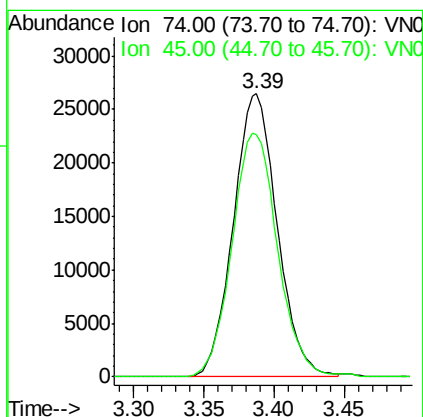
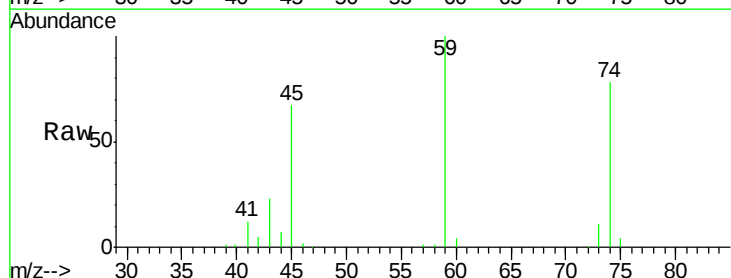
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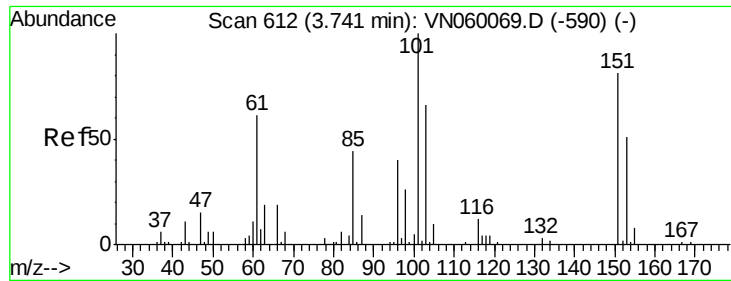


#8

Diethyl Ether
Concen: 49.977 ug/l
RT: 3.39 min Scan# 502
Delta R.T. 0.00 min
Lab File: VN060069.D
Acq: 12 Feb 2020 12:27

Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.4	44.7	134.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.060 ug/l

RT: 3.74 min Scan# 612

Delta R.T. 0.00 min

Lab File: VN060069.D

Acq: 12 Feb 2020 12:27

Instrument :

MSVOA_N

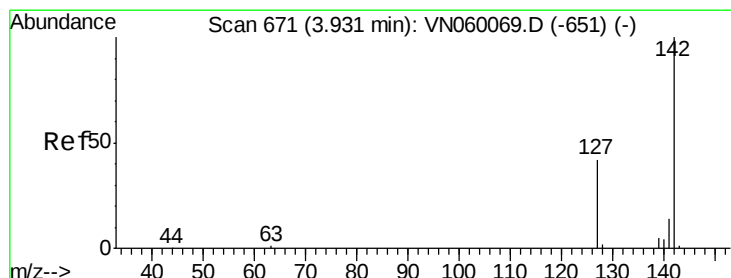
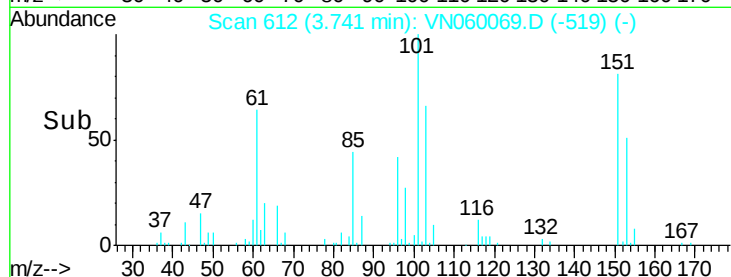
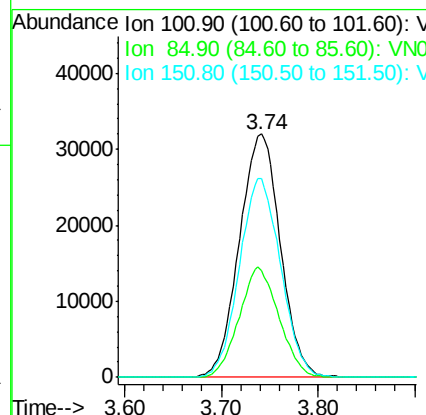
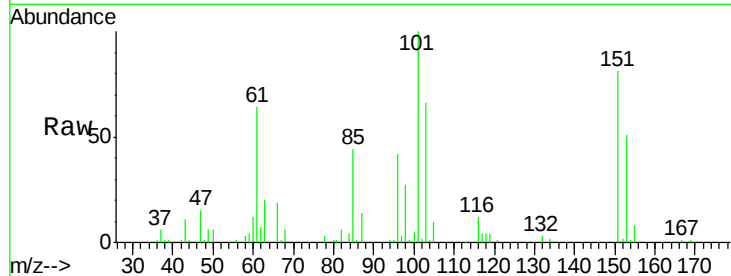
ClientSampled :

VSTDICCC050

Tot Ion:	101	Resp:	94248
Ion Ratio	Lower	Upper	
101	100		
85	43.9	35.1	52.7
151	82.2	65.8	98.6

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MMDadoda
2/13/2020 10:37:10 AM



#10

Methyl Iodide

Concen: 58.062 ug/l

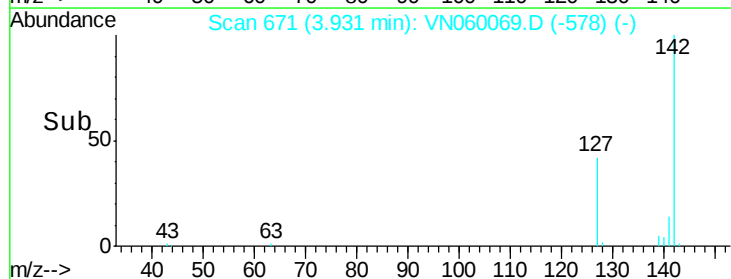
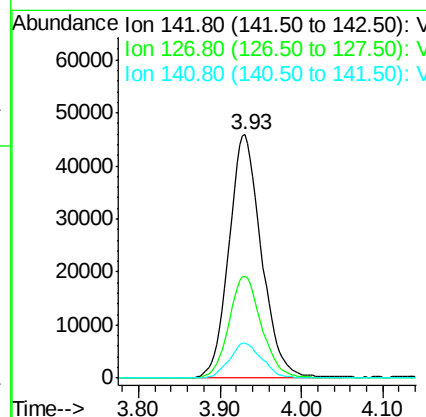
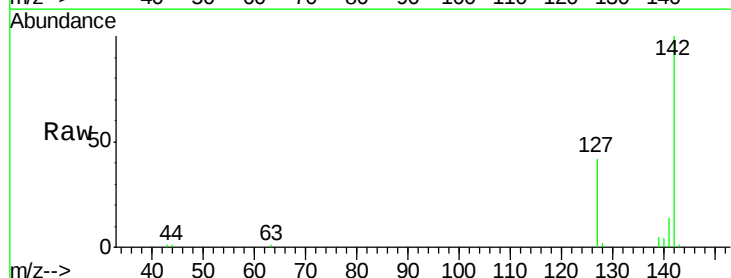
RT: 3.93 min Scan# 671

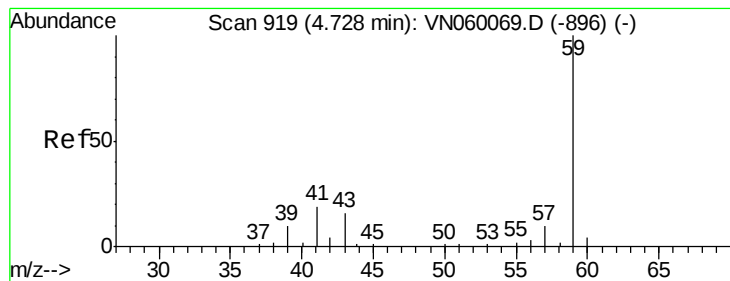
Delta R.T. 0.00 min

Lab File: VN060069.D

Acq: 12 Feb 2020 12:27

Tgt Ion:	142	Resp:	128299
Ion Ratio	Lower	Upper	
142	100		
127	42.0	33.6	50.4
141	14.3	11.4	17.2





#11

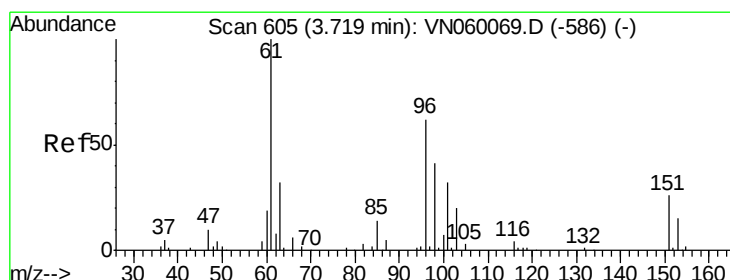
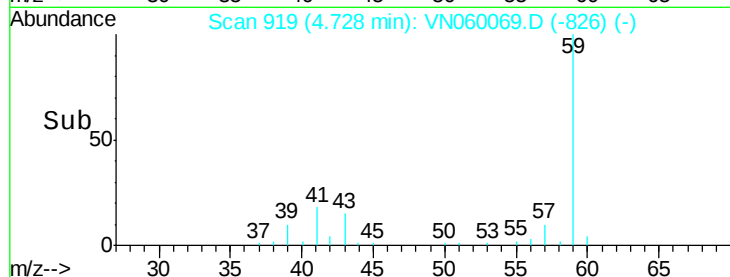
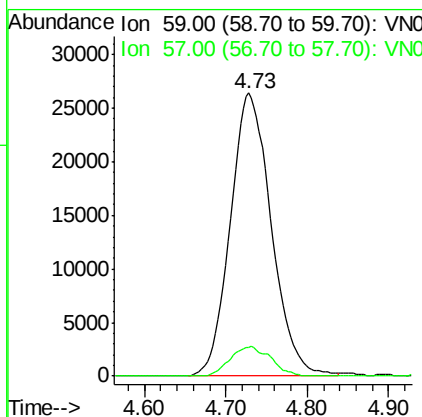
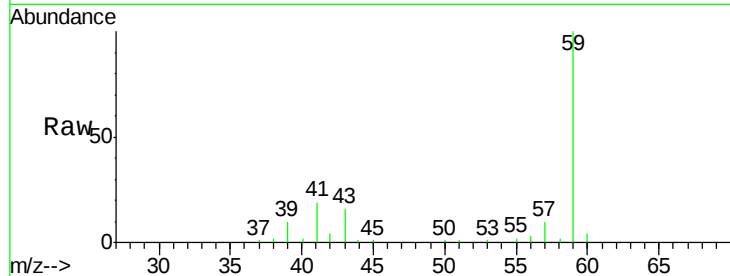
Tert butyl alcohol
 Concen: 262.918 ug/l
 RT: 4.73 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VN060069.D
 Acq: 12 Feb 2020 12:27

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.4

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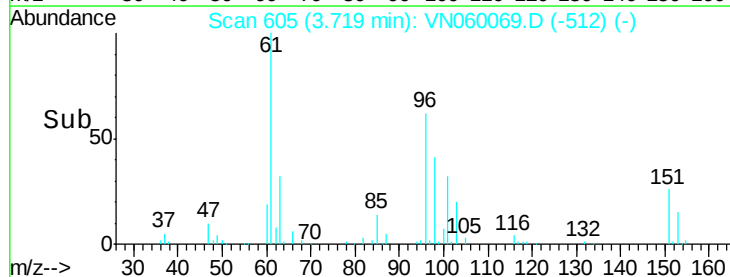
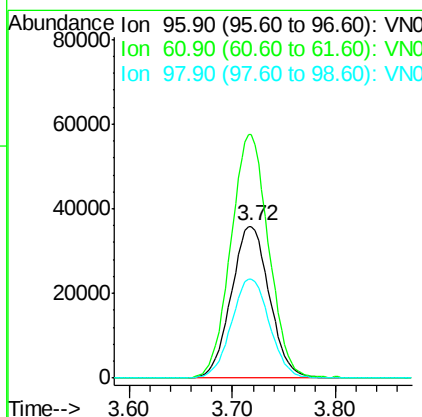
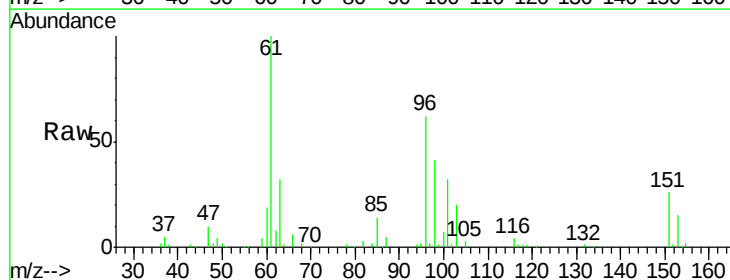
MMDadoda
 2/13/2020 10:37:10 AM

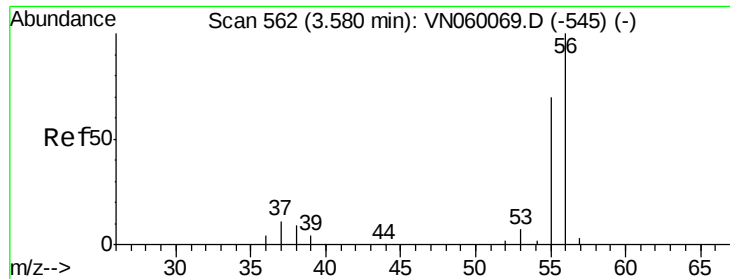


#12

1,1-Dichloroethene
 Concen: 49.172 ug/l
 RT: 3.72 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: VN060069.D
 Acq: 12 Feb 2020 12:27

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.4	128.3	192.5
98	65.3	52.2	78.4





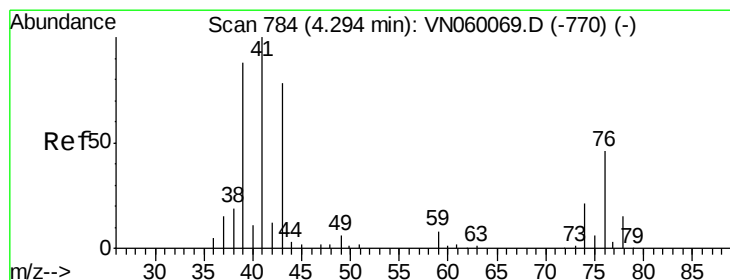
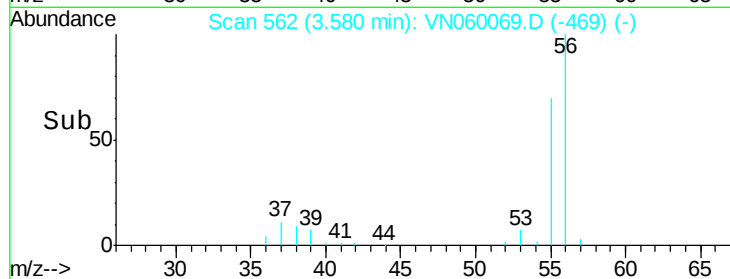
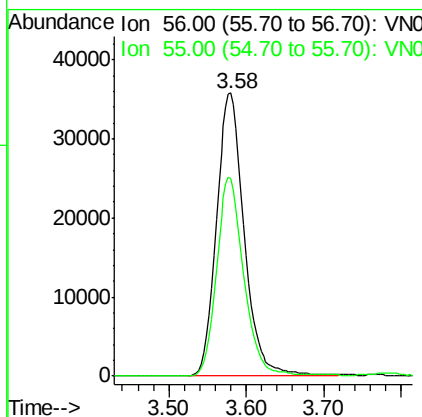
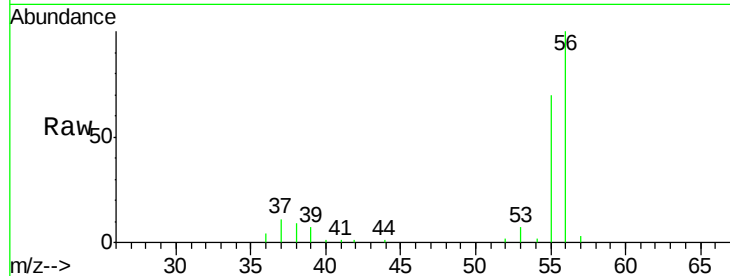
#13
 Acrolein
 Concen: 264.382 ug/l
 RT: 3.58 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: VN060069.D
 Acq: 12 Feb 2020 12:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	56	Resp	89565
Ion Ratio	100	Lower	Upper
55	68.5	54.8	82.2

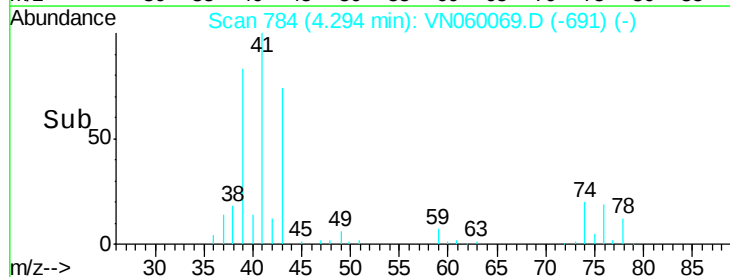
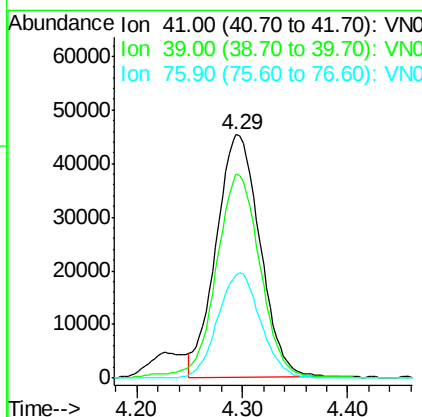
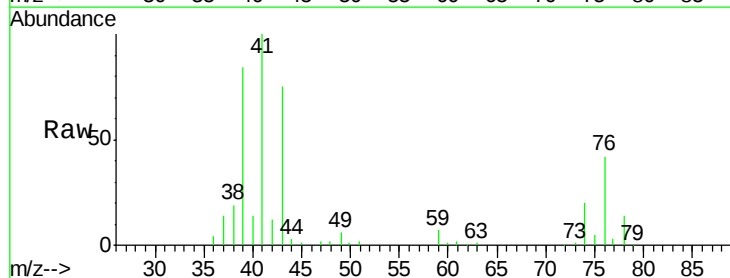
Manual Integrations
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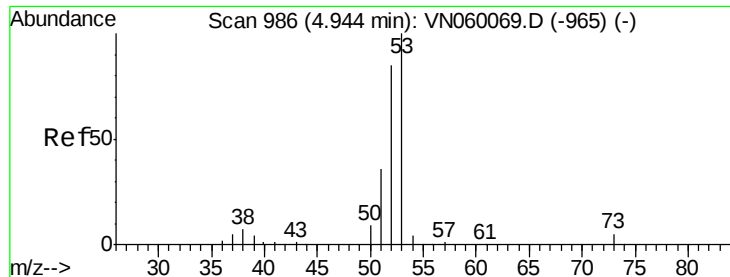
MMDadoda
 2/13/2020 10:37:10 AM



#14
 Allyl chloride
 Concen: 46.657 ug/l
 RT: 4.29 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: VN060069.D
 Acq: 12 Feb 2020 12:27

Tgt Ion	41	Resp	130469
Ion Ratio	100	Lower	Upper
39	84.8	67.8	101.8
76	42.4	33.9	50.9





#15

Acrylonitrile

Concen: 273.177 ug/l

RT: 4.94 min Scan# 986

Delta R.T. 0.00 min

Lab File: VN060069.D

Acq: 12 Feb 2020 12:27

Instrument :

MSVOA_N

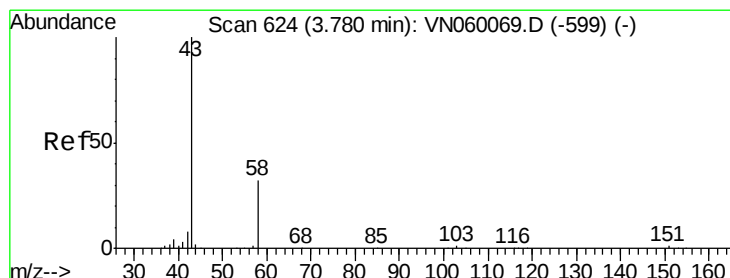
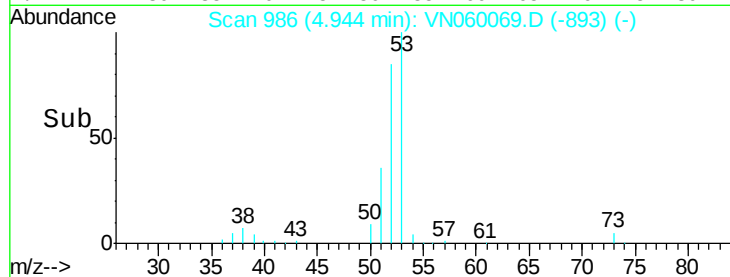
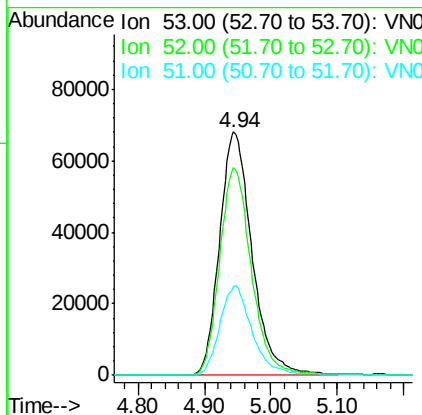
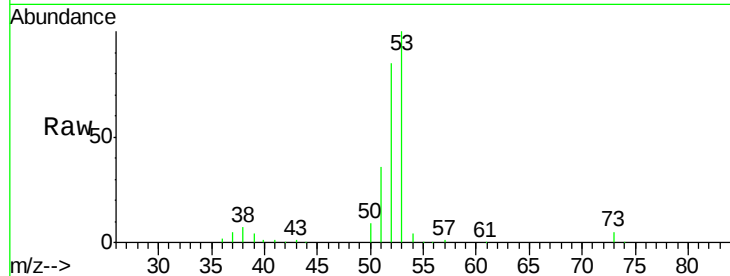
ClientSampled :

VSTDICCC050

Tot Ion:	53	Resp:	231634
Ion	Ratio	Lower	Upper
53	100		
52	83.5	66.8	100.2
51	36.7	29.4	44.0

Manual Integrations
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MMDadoda
2/13/2020 10:37:10 AM



#16

Acetone

Concen: 313.847 ug/l

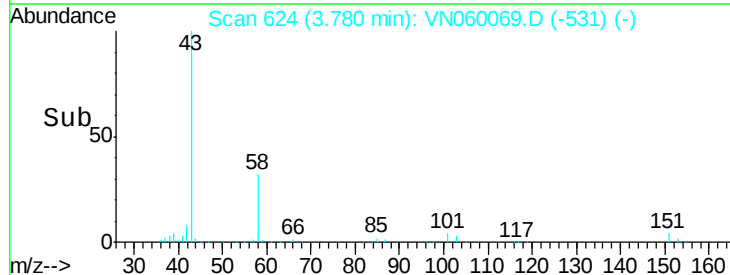
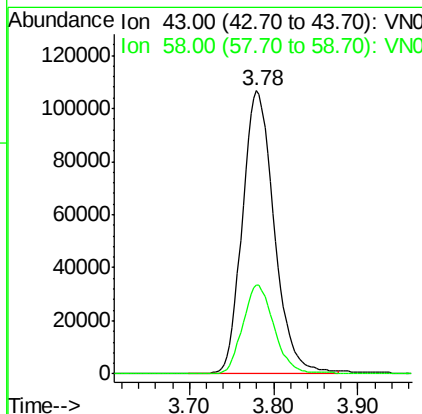
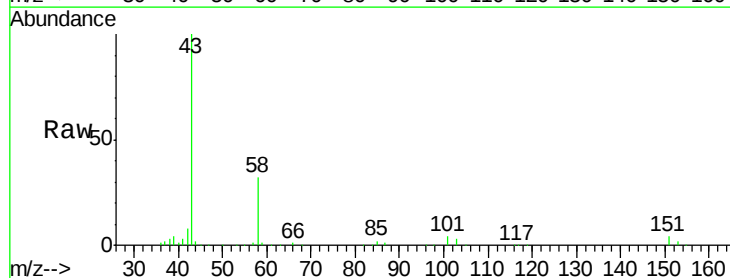
RT: 3.78 min Scan# 624

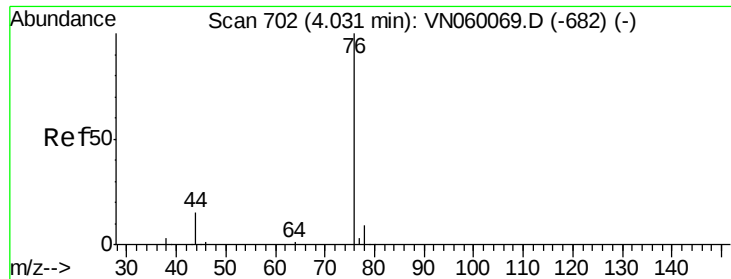
Delta R.T. 0.00 min

Lab File: VN060069.D

Acq: 12 Feb 2020 12:27

Tgt Ion:	43	Resp:	280430
Ion	Ratio	Lower	Upper
43	100		
58	31.5	25.2	37.8





#17

Carbon Disulfide

Concen: 48.044 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN060069.D

Acq: 12 Feb 2020 12:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 274388

Ion Ratio Lower Upper

76 100

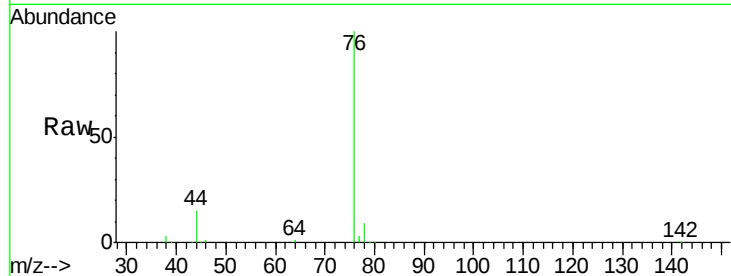
78 8.8 7.0 10.6

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VN060069.D (-682) (-)

Ion 77.90 (77.60 to 78.60): VN060069.D (-682) (-)

4.03

120000

100000

80000

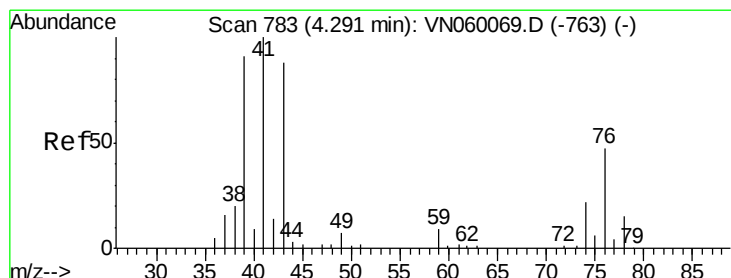
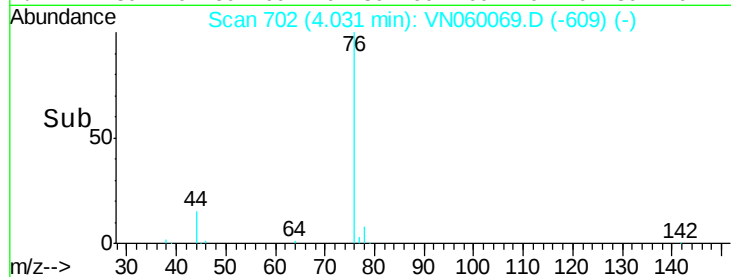
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 52.603 ug/l

RT: 4.29 min Scan# 783

Delta R.T. 0.00 min

Lab File: VN060069.D

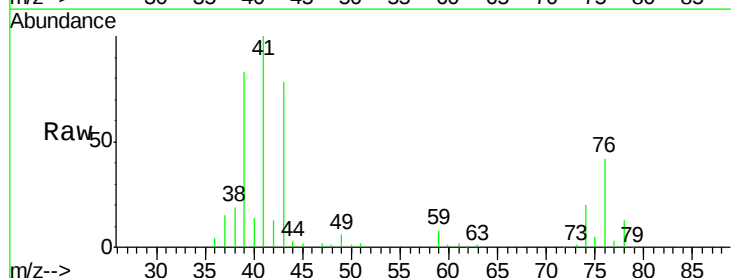
Acq: 12 Feb 2020 12:27

Tgt Ion: 43 Resp: 102028

Ion Ratio Lower Upper

43 100

74 25.4 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VN060069.D (-763) (-)

Ion 74.00 (73.70 to 74.70): VN060069.D (-763) (-)

4.29

40000

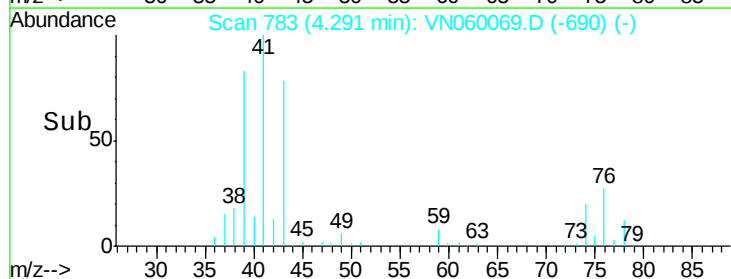
30000

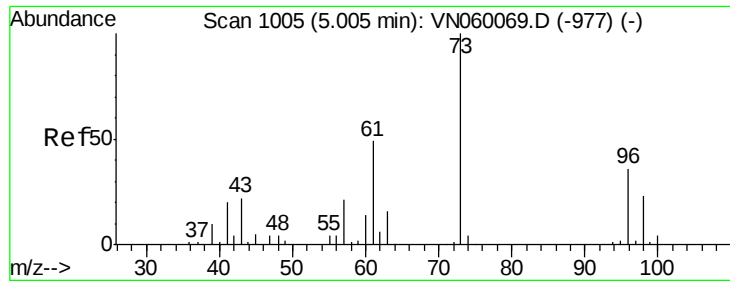
20000

10000

0

Time-->





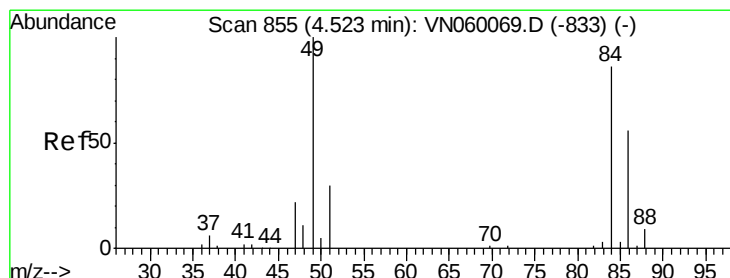
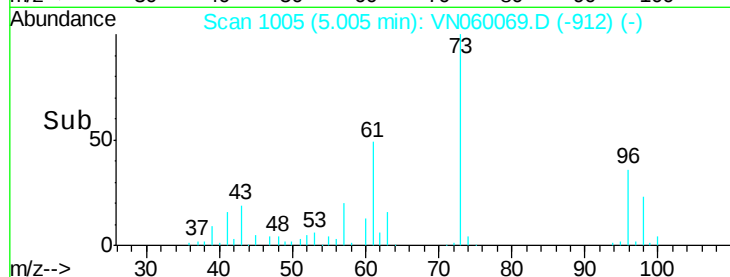
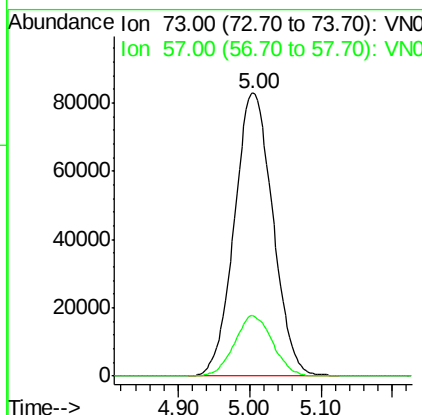
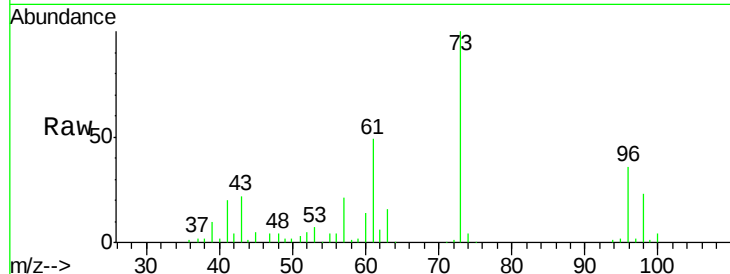
#19
Methvl tert-butvl Ether
Concen: 49.233 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: VN060069.D
Acq: 12 Feb 2020 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 73 Resp: 311139
Ion Ratio Lower Upper
73 100
57 21.5 17.2 25.8

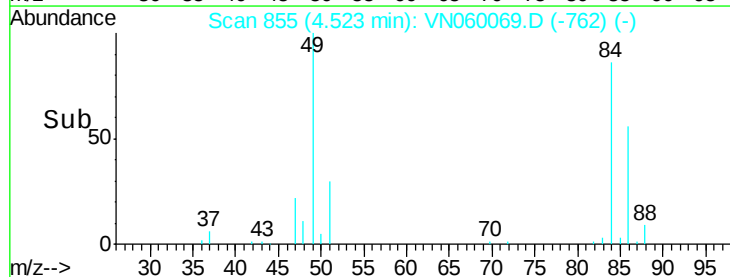
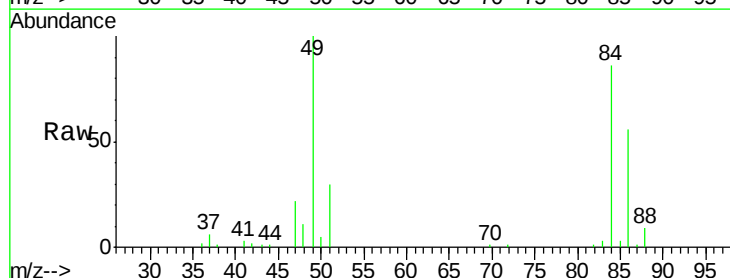
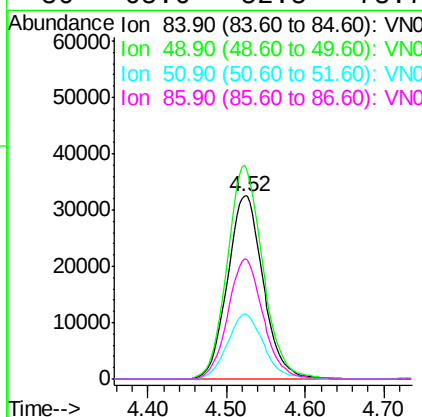
Manual Integrations
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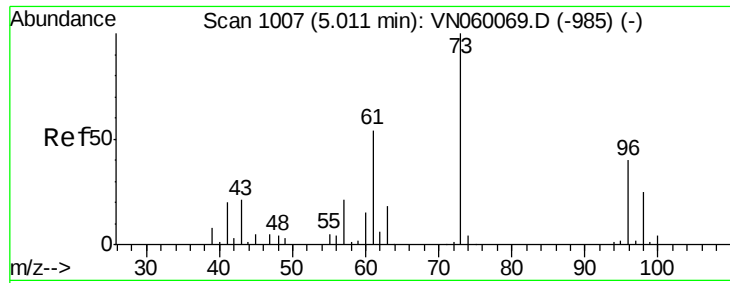
MMDadoda
2/13/2020 10:37:10 AM



#20
Methylene Chloride
Concen: 48.397 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN060069.D
Acq: 12 Feb 2020 12:27

Tgt Ion: 84 Resp: 102727
Ion Ratio Lower Upper
84 100
49 116.7 93.4 140.0
51 35.5 28.4 42.6
86 65.6 52.5 78.7





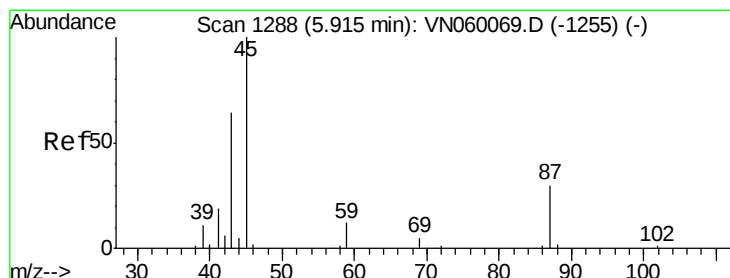
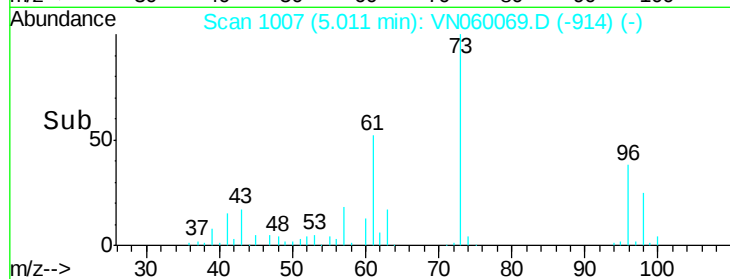
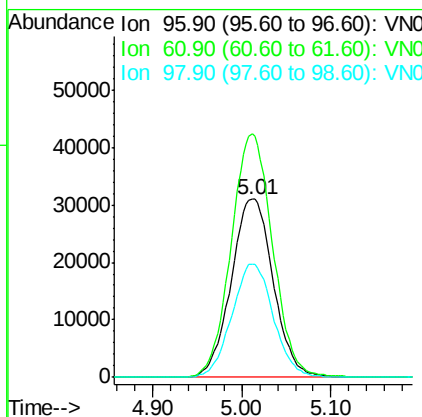
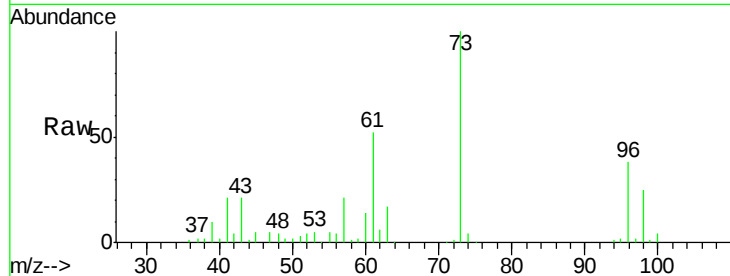
#21
trans-1,2-Dichloroethene
Concen: 55.369 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: VN060069.D
Acq: 12 Feb 2020 12:27

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.6	109.3	163.9
98	63.8	51.0	76.6

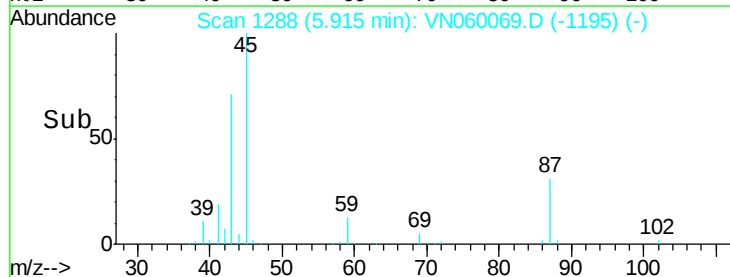
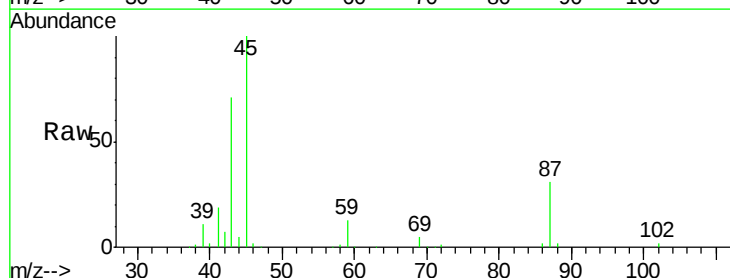
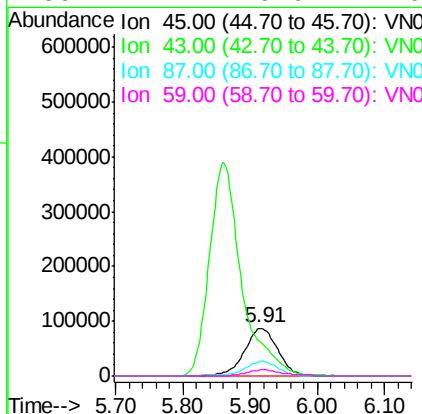
Manual Integrations
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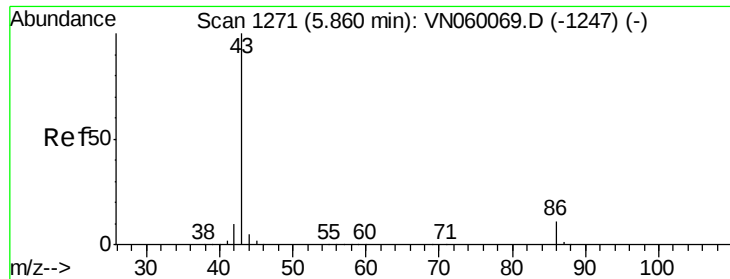
MMDadoda
2/13/2020 10:37:10 AM



#22
Diisopropyl ether
Concen: 50.121 ug/l
RT: 5.91 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VN060069.D
Acq: 12 Feb 2020 12:27

Tgt Ion	Ratio	Lower	Upper
45	100		
43	69.9	55.9	83.9
87	30.6	24.5	36.7
59	12.4	9.9	14.9





#23

Vinyl Acetate

Concen: 262.843 ug/l

RT: 5.86 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VN060069.D

Acq: 12 Feb 2020 12:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 1300925

Ion Ratio Lower Upper

43 100

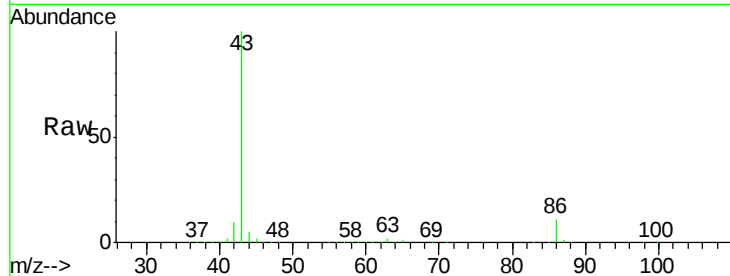
86 11.1 8.9 13.3

Manual Integrations

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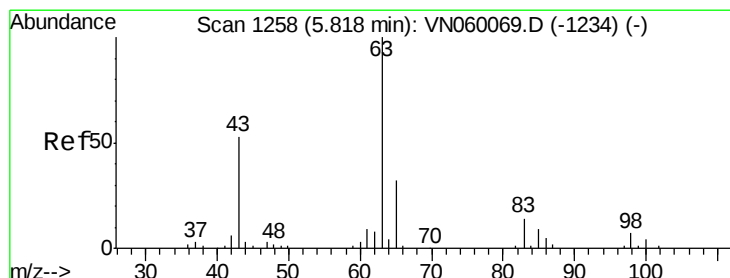
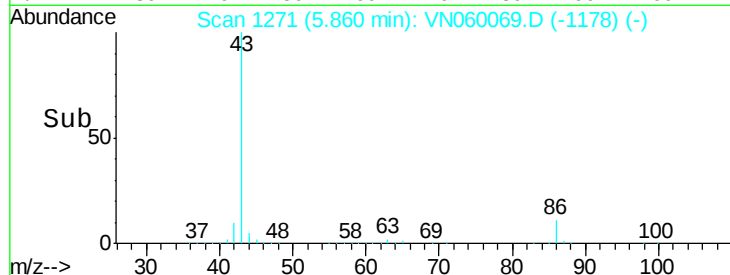
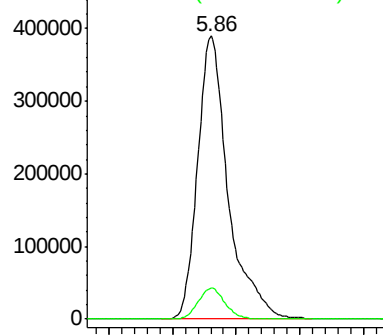
MMDadoda

2/13/2020 10:37:10 AM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 49.156 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. 0.00 min

Lab File: VN060069.D

Acq: 12 Feb 2020 12:27

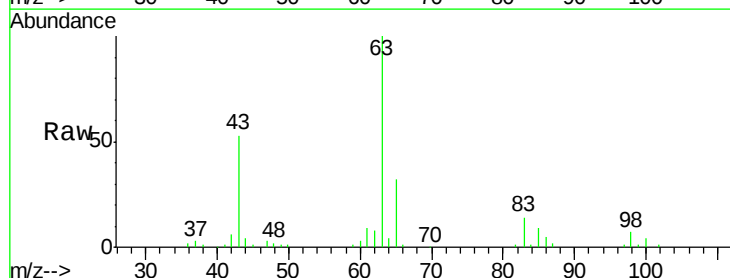
Tgt Ion: 63 Resp: 181233

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.5

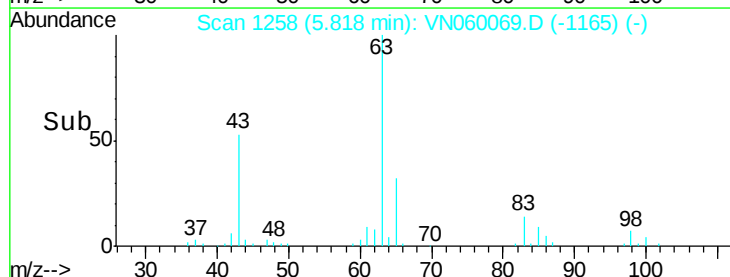
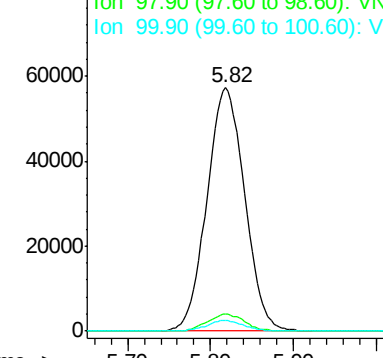
100 4.4 2.2 6.6

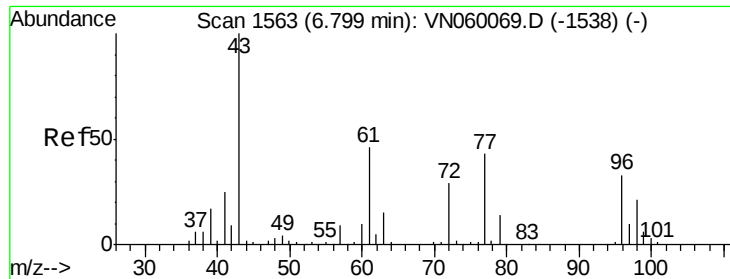


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 276.608 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN060069.D

Acq: 12 Feb 2020 12:27

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC050

Tot Ion: 43 Resp: 35523

Ion Ratio Lower Upper

43 100

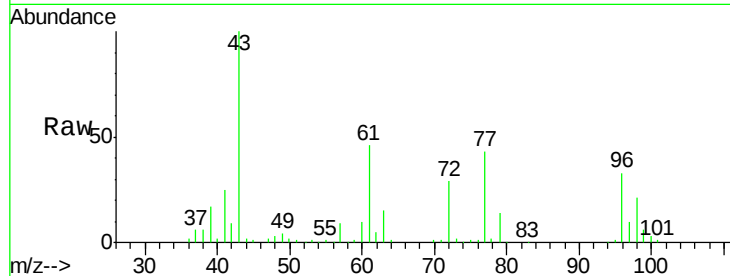
72 29.1 23.3 34.9

Manual Integrations

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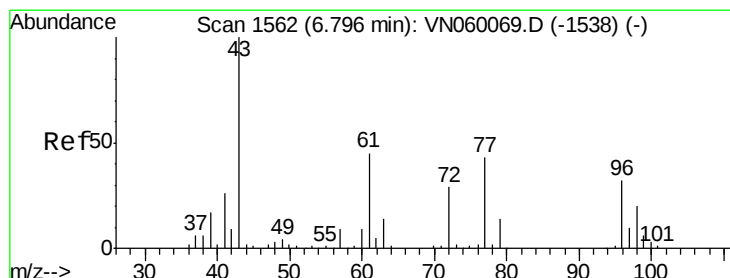
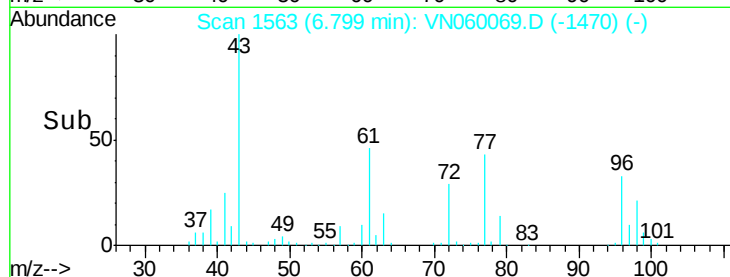
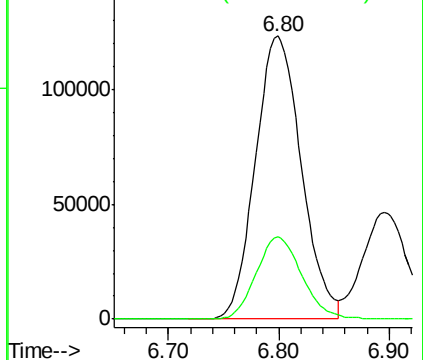
MMDadoda

2/13/2020 10:37:10 AM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 49.247 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. 0.00 min

Lab File: VN060069.D

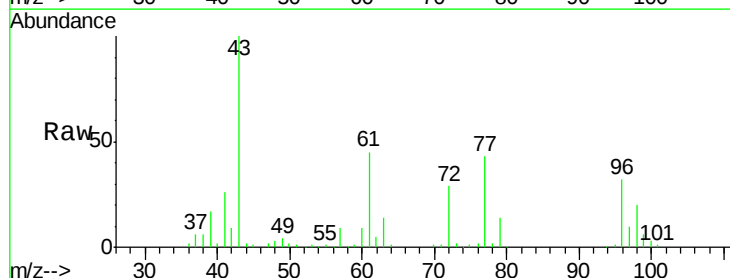
Acq: 12 Feb 2020 12:27

Tgt Ion: 77 Resp: 172970

Ion Ratio Lower Upper

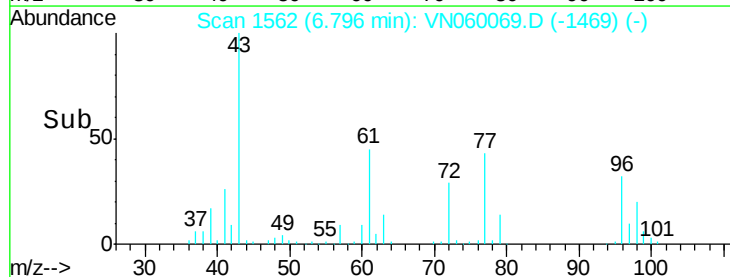
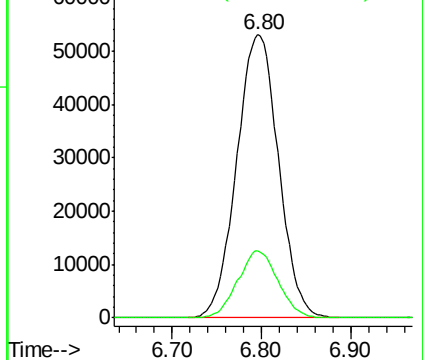
77 100

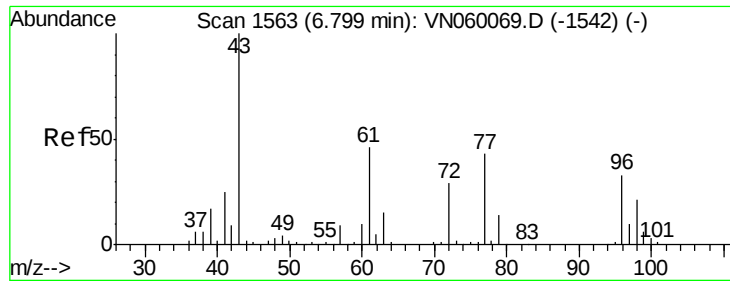
97 22.8 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 55.255 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN060069.D

Acq: 12 Feb 2020 12:27

Instrument :

MSVOA_N

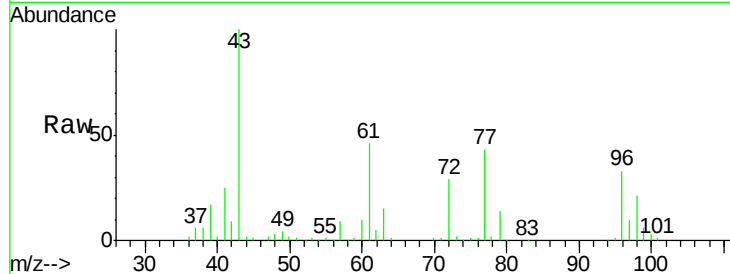
ClientSampleId :

VSTDICCC050

Tot Ion:	96	Resp:	117693
Ion Ratio	Lower	Upper	
96	100		
61	142.9	0.0	285.8
98	64.8	0.0	129.6

Manual Integrations
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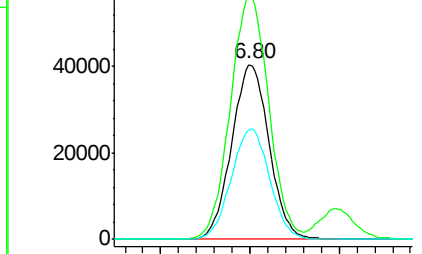
MMDadoda
2/13/2020 10:37:10 AM



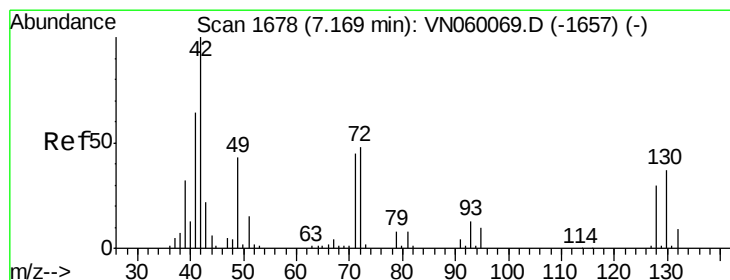
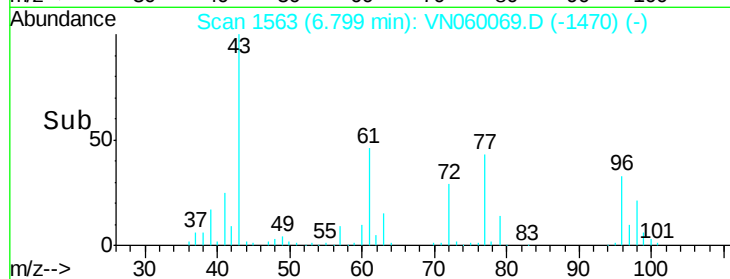
Abundance Ion 95.90 (95.60 to 96.60): VN060069.D (-1542) (-)

Ion 60.90 (60.60 to 61.60): VN060069.D (-1542) (-)

Ion 97.90 (97.60 to 98.60): VN060069.D (-1542) (-)



Time-->



#28

Bromochloromethane

Concen: 55.794 ug/l

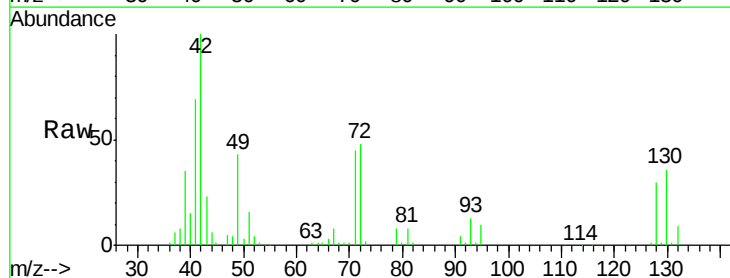
RT: 7.17 min Scan# 1678

Delta R.T. 0.00 min

Lab File: VN060069.D

Acq: 12 Feb 2020 12:27

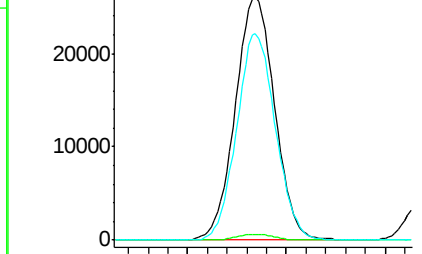
Tgt Ion:	49	Resp:	71888
Ion Ratio	Lower	Upper	
49	100		
129	1.1	0.0	2.2
130	83.5	66.8	100.2



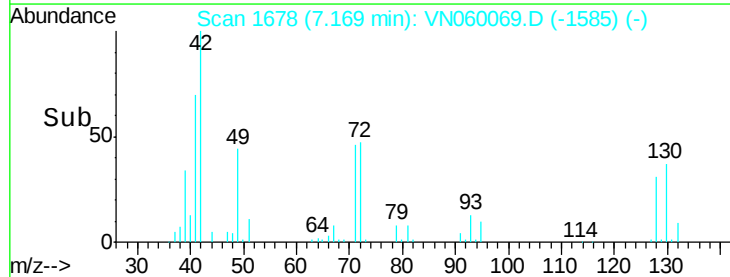
Abundance Ion 48.90 (48.60 to 49.60): VN060069.D (-1657) (-)

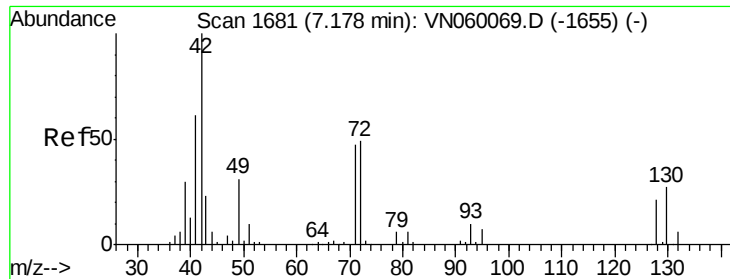
Ion 128.80 (128.50 to 129.50): VN060069.D (-1657) (-)

Ion 129.80 (129.50 to 130.50): VN060069.D (-1657) (-)



Time-->





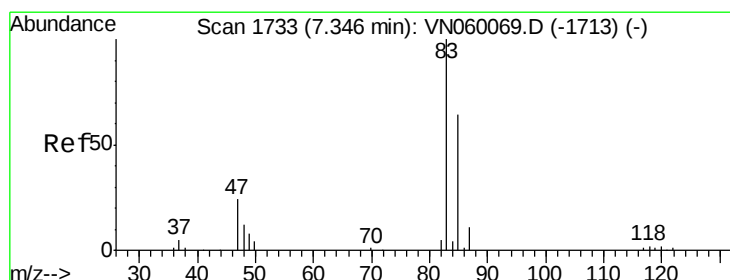
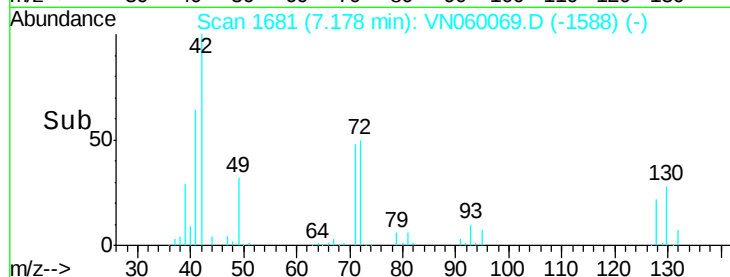
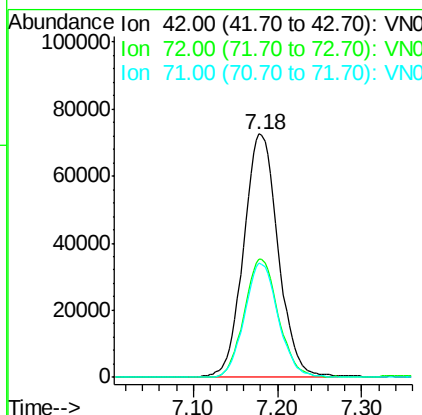
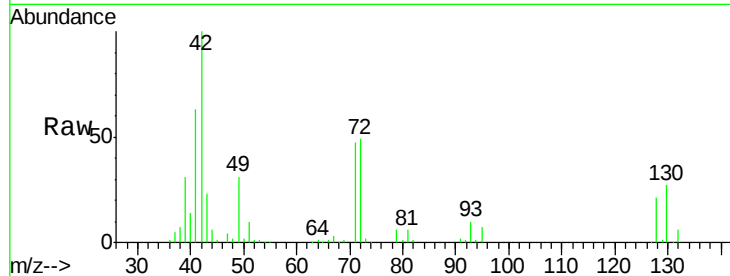
#29
Tetrahydrofuran
Concen: 260.324 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN060069.D
Acq: 12 Feb 2020 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.8	38.2	57.4
71	45.7	36.6	54.8

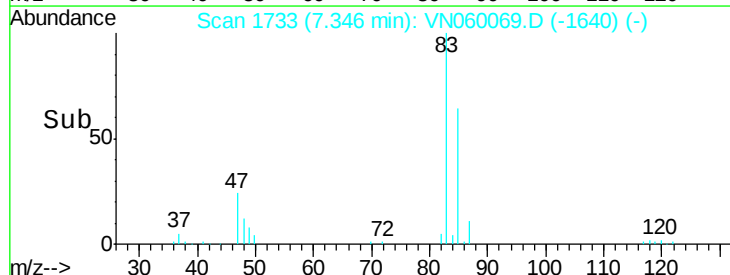
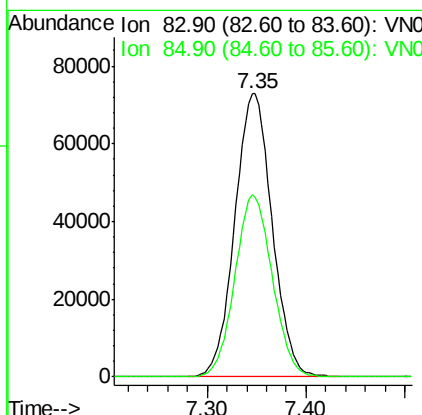
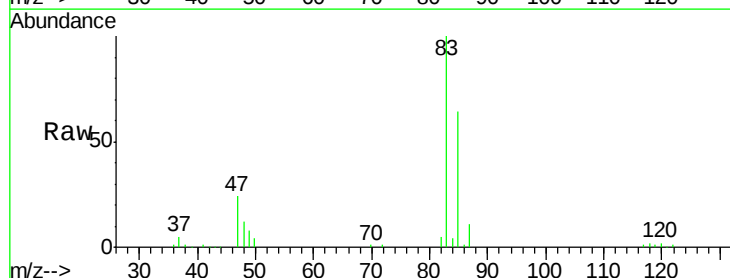
Manual Integrations
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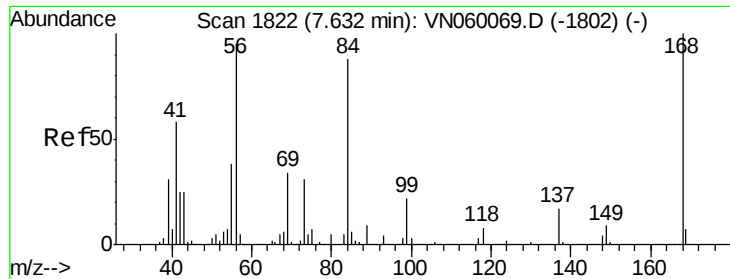
MMDadoda
2/13/2020 10:37:10 AM



#30
Chloroform
Concen: 49.516 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN060069.D
Acq: 12 Feb 2020 12:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.4	77.0





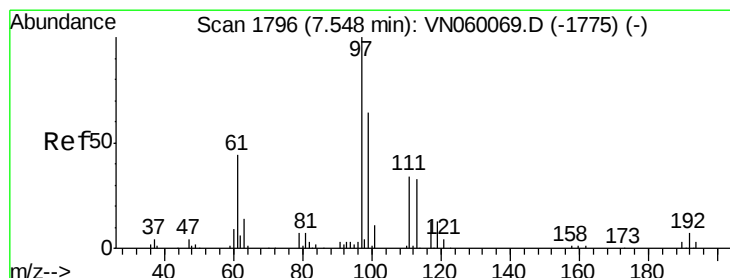
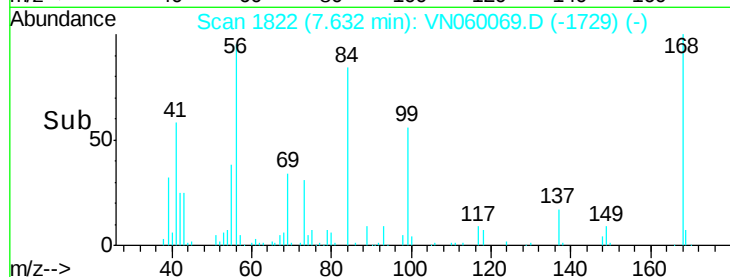
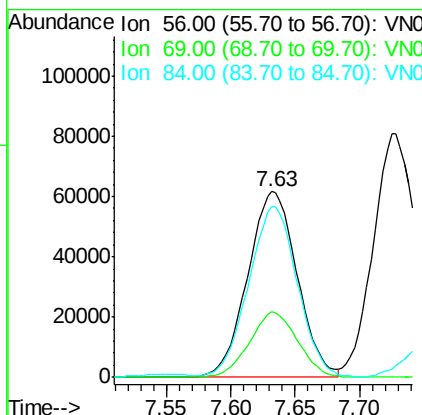
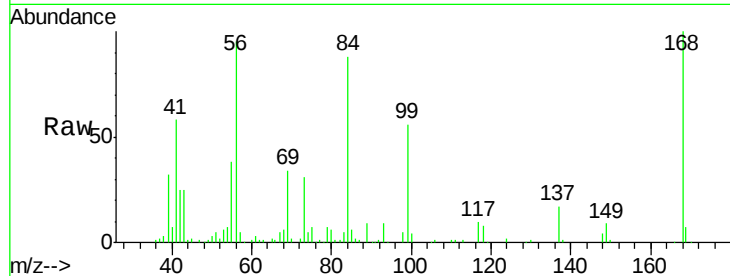
#31
Cyclohexane
Concen: 46.521 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN060069.D
Acq: 12 Feb 2020 12:27

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.4	28.3	42.5
84	90.7	72.6	108.8

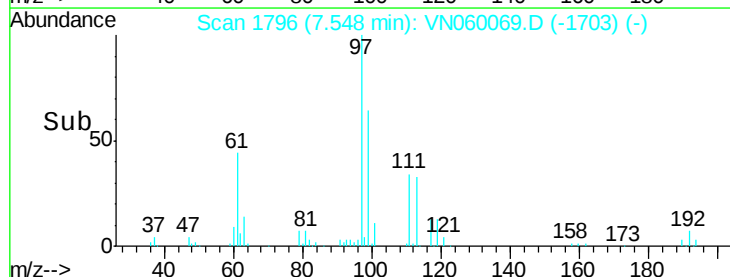
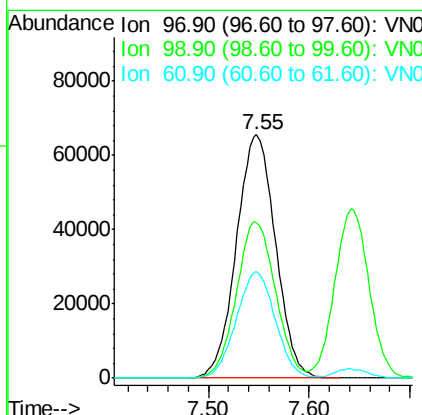
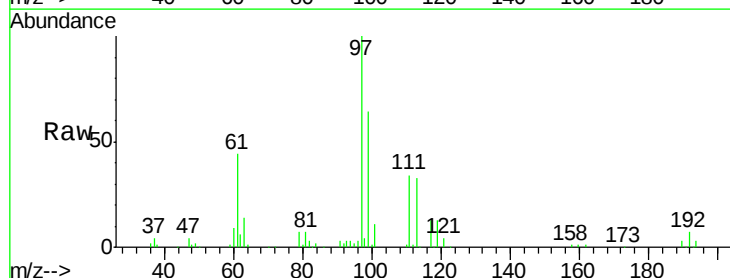
Manual Integrations
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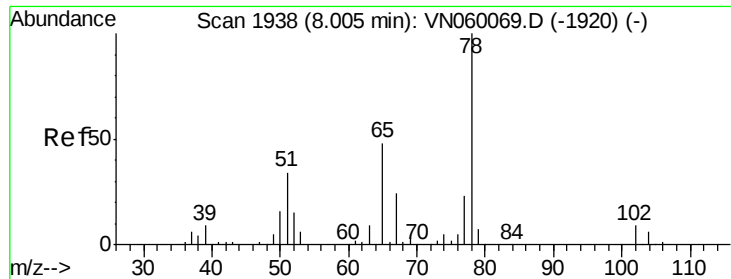
MMDadoda
2/13/2020 10:37:10 AM



#32
1,1,1-Trichloroethane
Concen: 50.048 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN060069.D
Acq: 12 Feb 2020 12:27

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.4	77.0
61	43.6	34.9	52.3





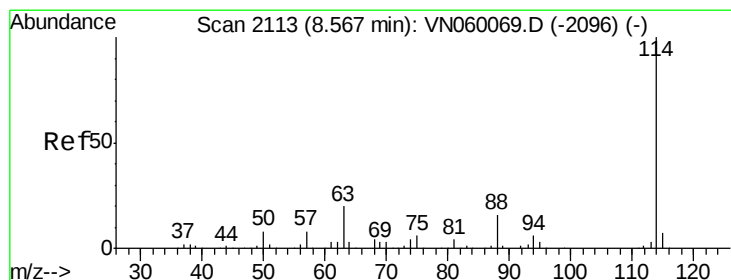
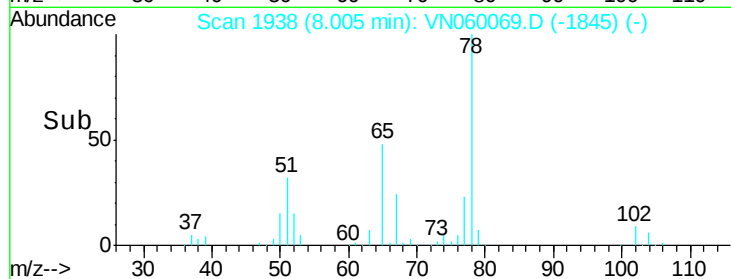
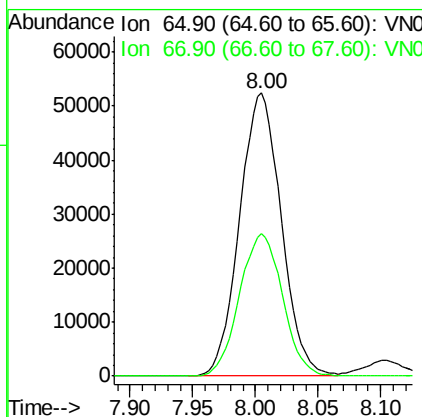
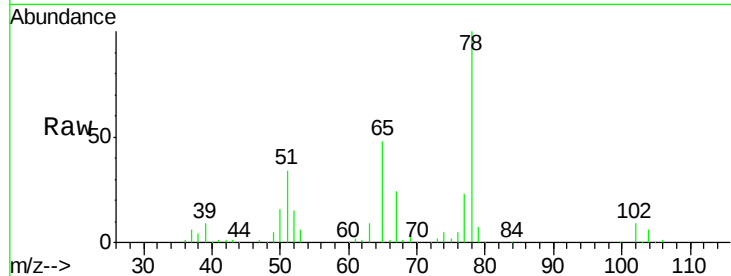
#33
 1,2-Dichloroethane-d4
 Concen: 50.561 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN060069.D
 Acq: 12 Feb 2020 12:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	121213		
67	52.0	0.0	104.0	

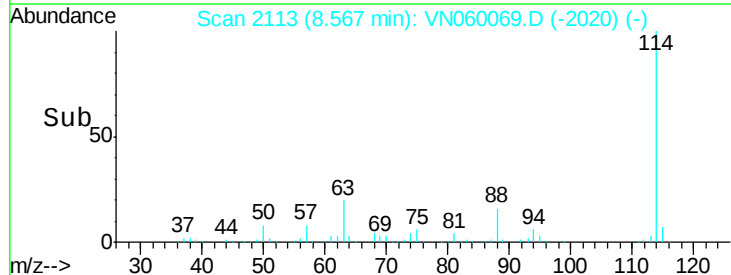
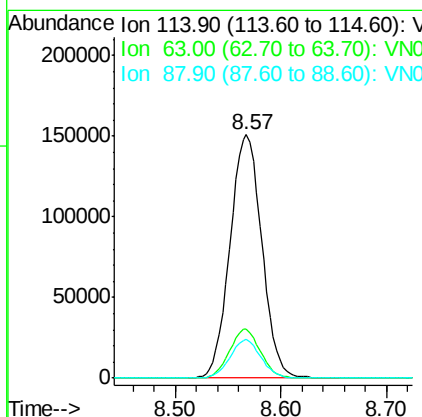
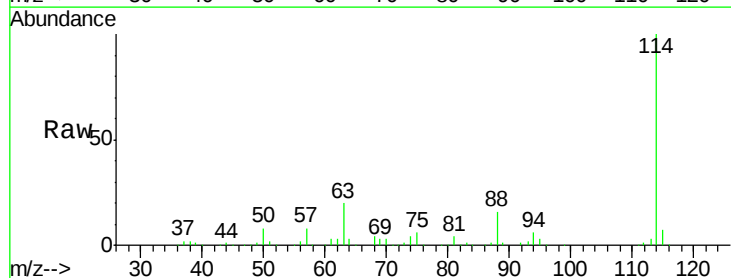
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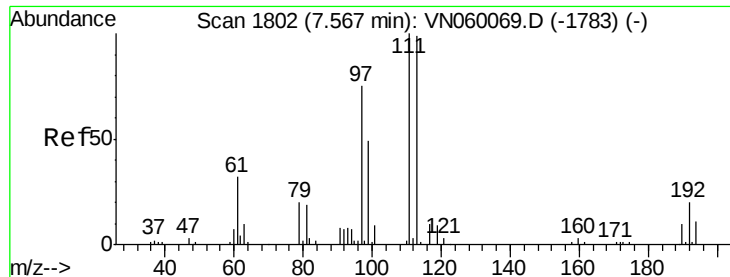
MMDadoda
 2/13/2020 10:37:10 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060069.D
 Acq: 12 Feb 2020 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	315647		
63	20.0	0.0	40.0	
88	15.8	0.0	31.6	





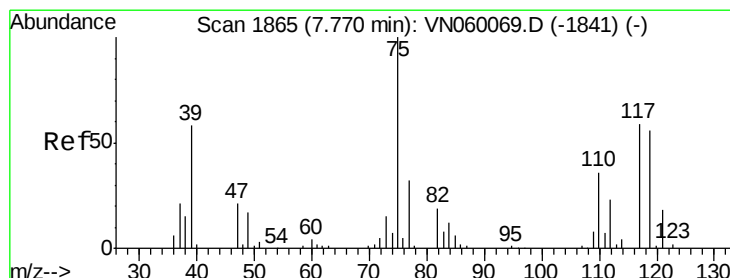
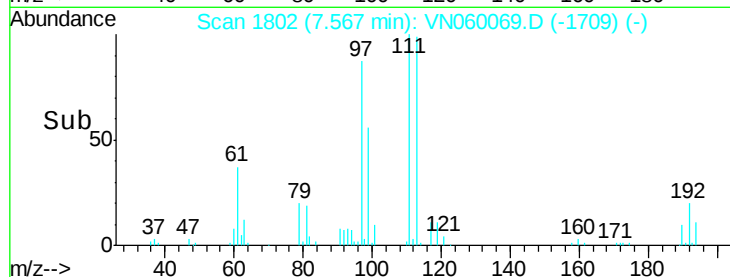
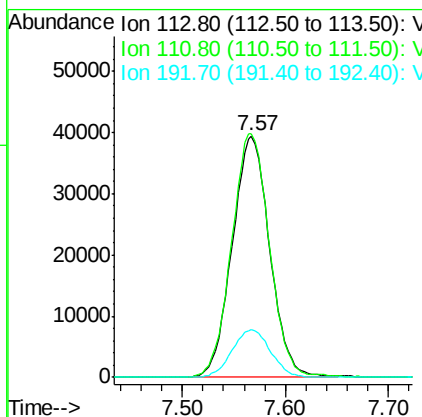
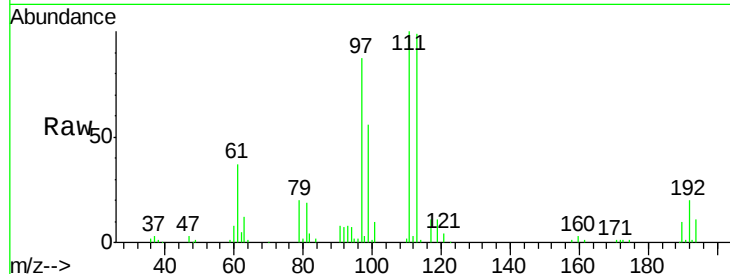
#35
 Dibromofluoromethane
 Concen: 52.846 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060069.D
 Acq: 12 Feb 2020 12:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.4	122.2
192	20.2	16.2	24.2

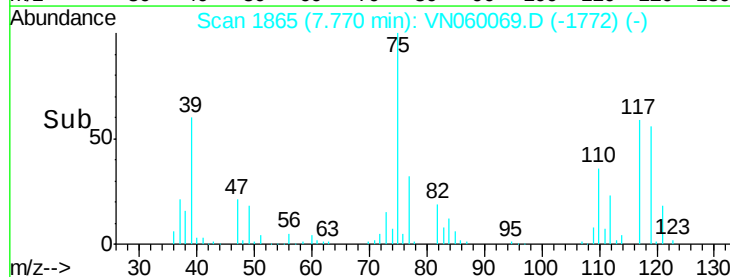
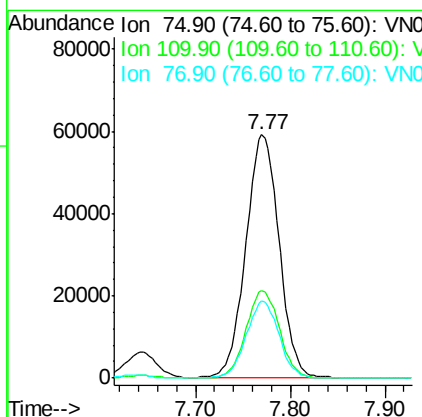
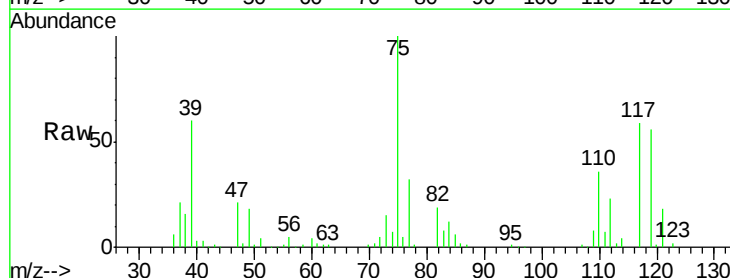
Manual Integrations
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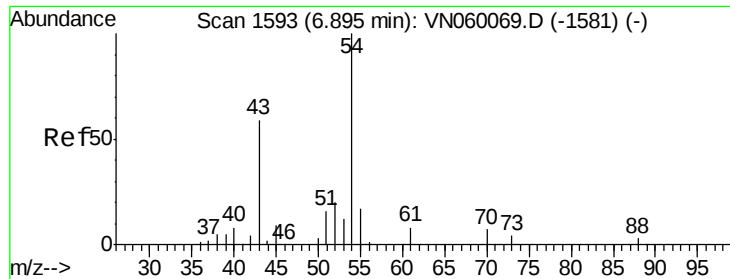
MMDadoda
 2/13/2020 10:37:10 AM



#36
 1,1-Dichloropropene
 Concen: 49.205 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VN060069.D
 Acq: 12 Feb 2020 12:27

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.2	18.1	54.3
77	31.4	25.1	37.7





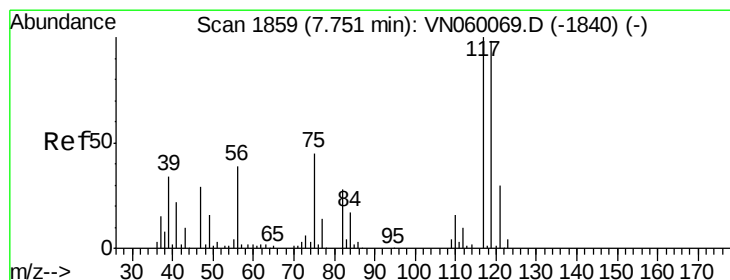
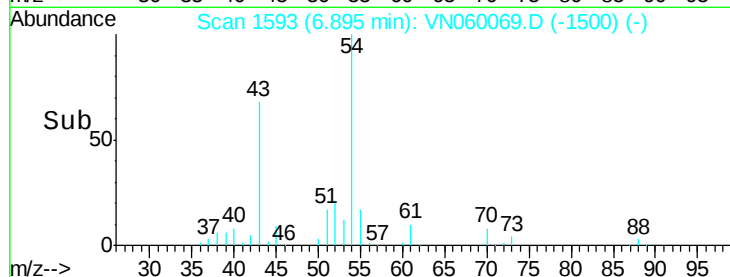
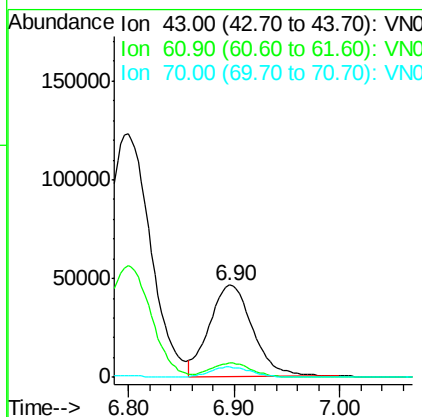
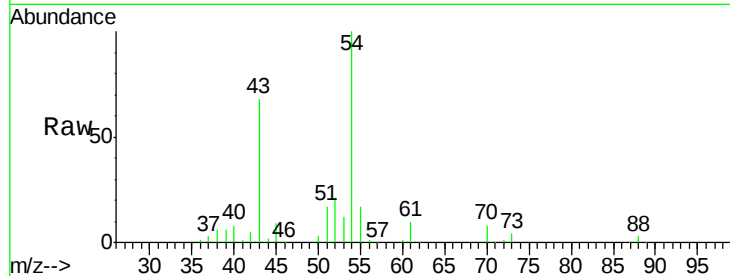
#37
Ethyl Acetate
Concen: 51.601 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. 0.00 min
Lab File: VN060069.D
Acq: 12 Feb 2020 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.4	17.2
70	10.9	8.7	13.1

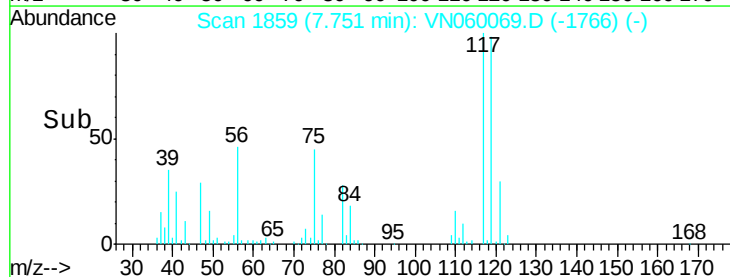
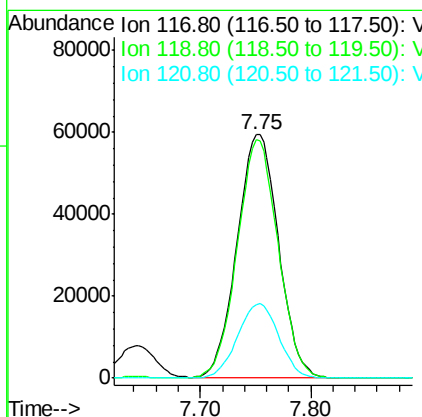
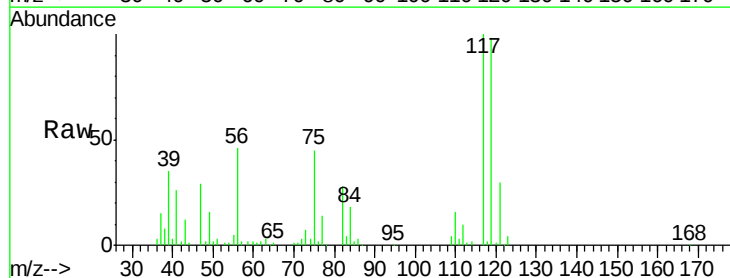
Manual Integrations
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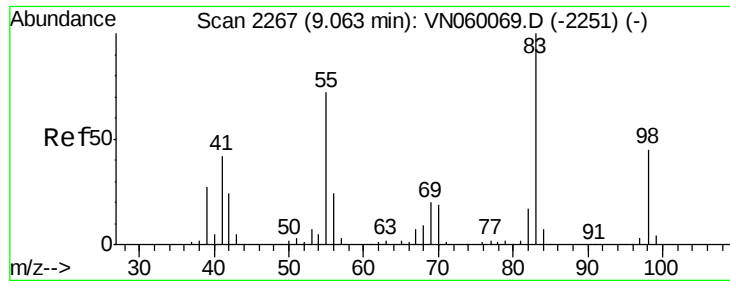
MMDadoda
2/13/2020 10:37:10 AM



#38
Carbon Tetrachloride
Concen: 49.015 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN060069.D
Acq: 12 Feb 2020 12:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.8	78.2	117.4
121	30.2	24.2	36.2





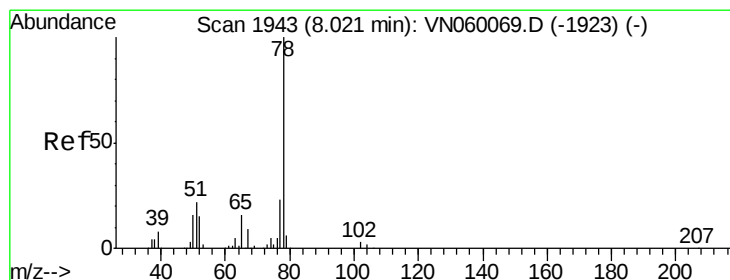
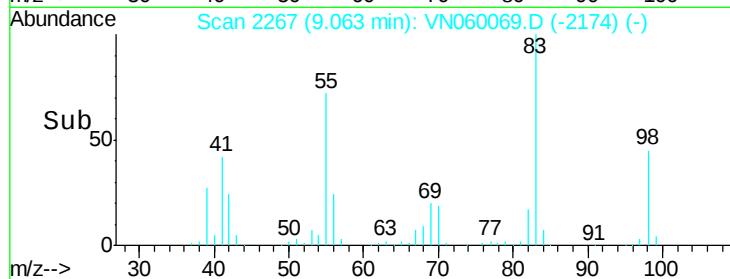
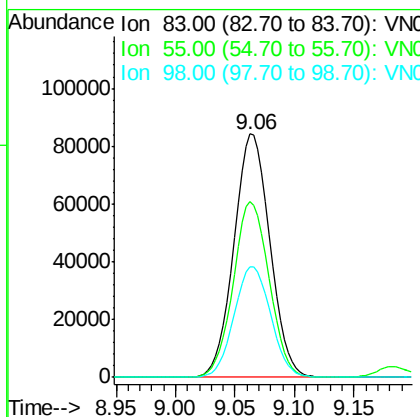
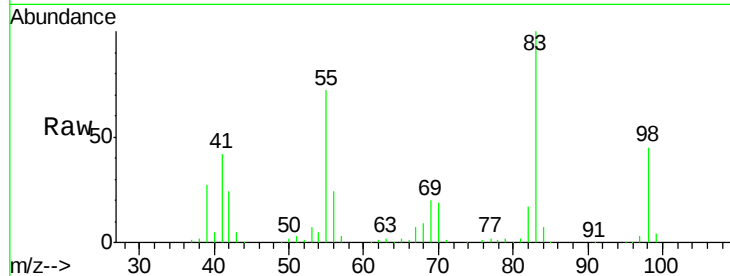
#39
Methvlcvclohexane
Concen: 48.885 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. 0.00 min
Lab File: VN060069.D
Acq: 12 Feb 2020 12:27

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.3	57.8	86.8
98	45.5	36.4	54.6

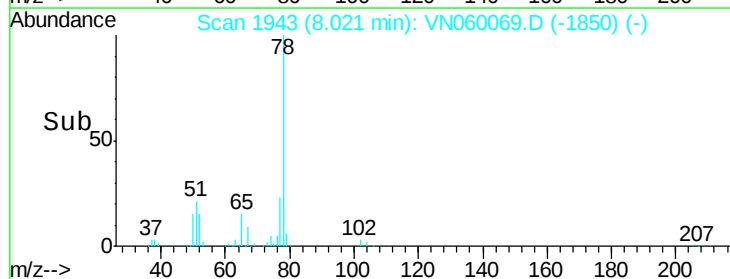
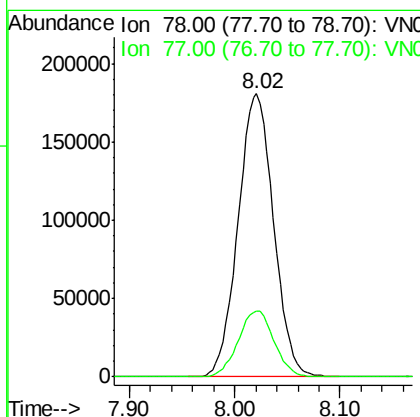
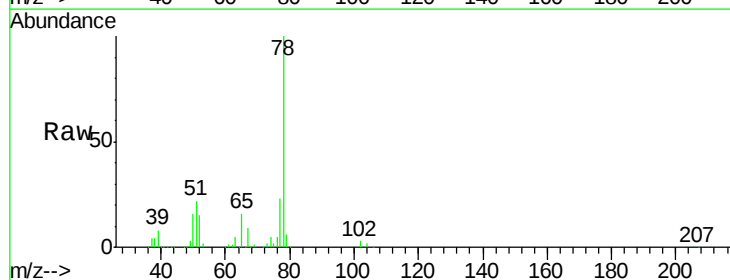
Manual Integrations
APPROVED

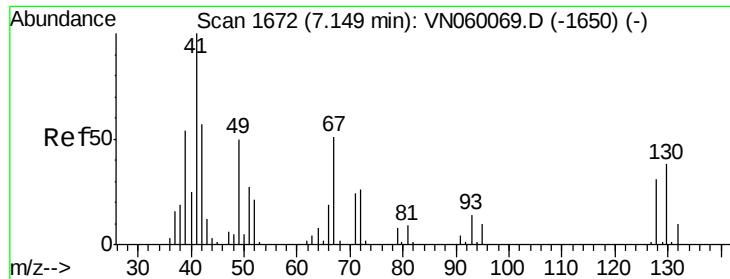
MMDadoda
2/13/2020 10:37:10 AM



#40
Benzene
Concen: 48.339 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN060069.D
Acq: 12 Feb 2020 12:27

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2





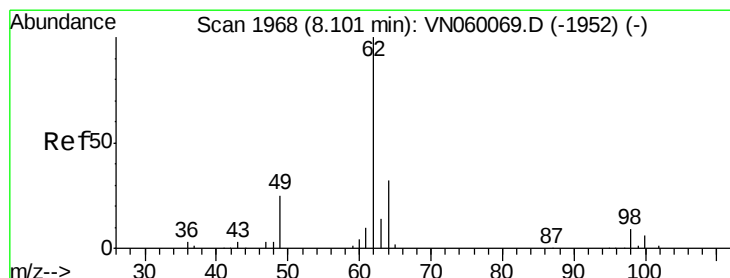
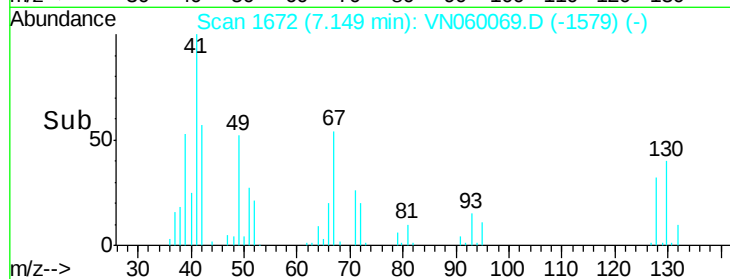
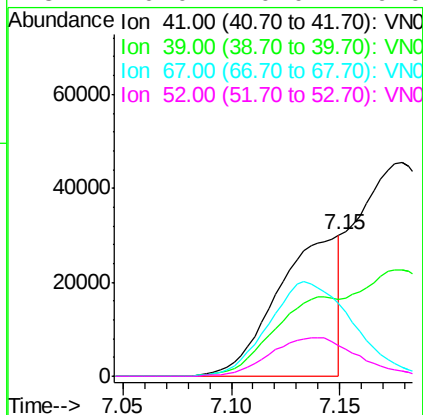
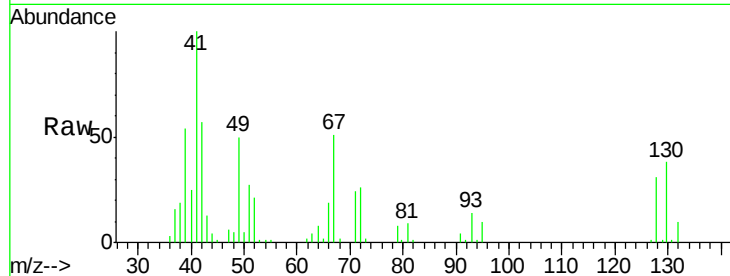
#41
Methacrylonitrile
Concen: 35.390 ug/l m
RT: 7.15 min Scan# 1672
Delta R.T. 0.00 min
Lab File: VN060069.D
Acq: 12 Feb 2020 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	41	Resp	59560
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

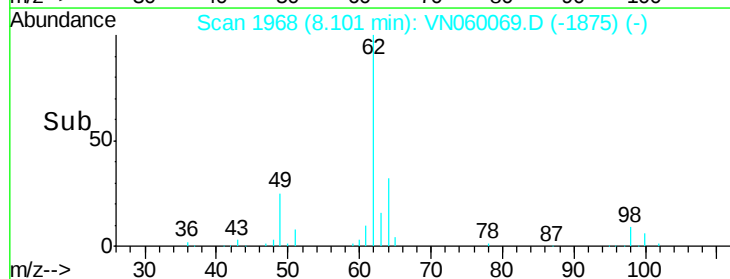
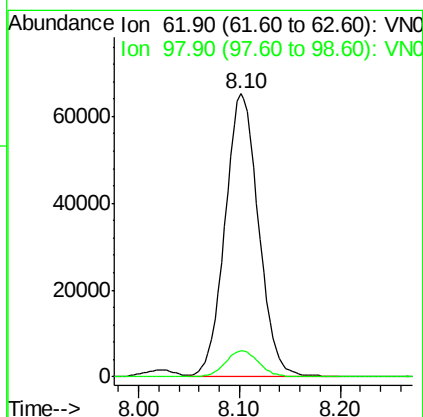
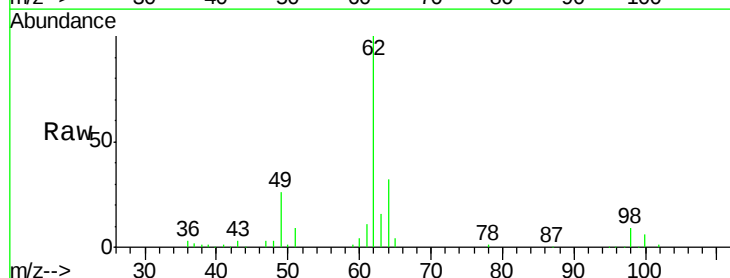
Manual Integrations
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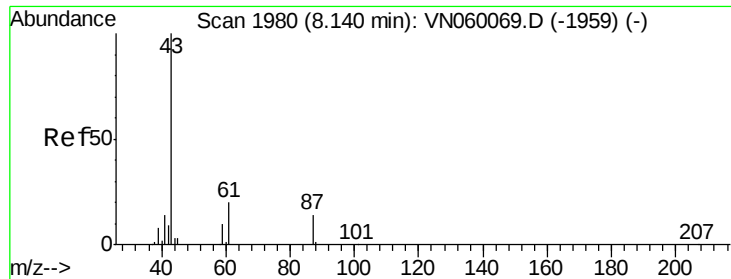
MMDadoda
2/13/2020 10:37:10 AM



#42
1,2-Dichloroethane
Concen: 49.896 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN060069.D
Acq: 12 Feb 2020 12:27

Tgt Ion	62	Resp	150908
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.2





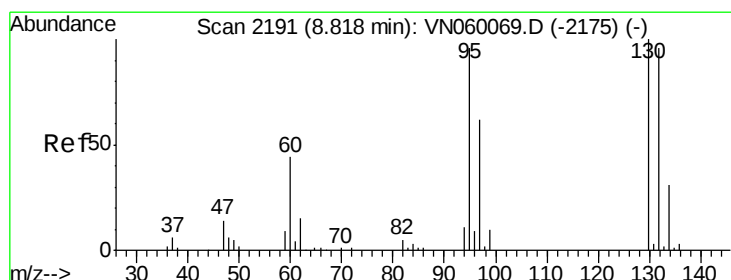
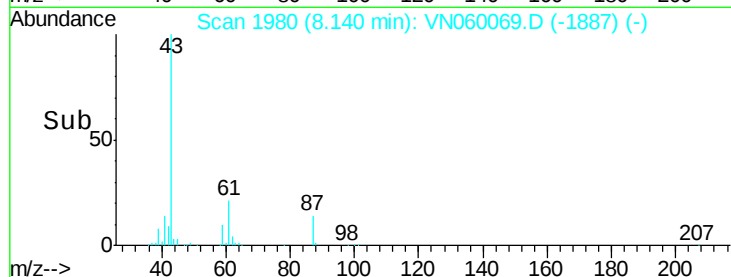
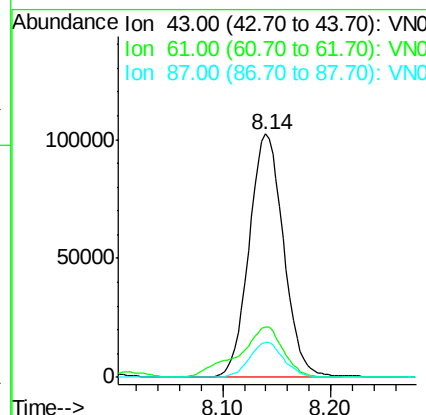
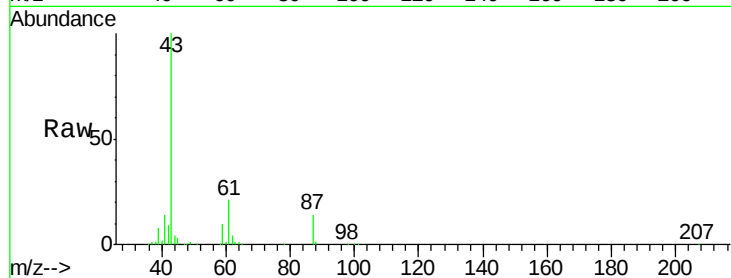
#43
Isopropyl Acetate
Concen: 51.273 ug/l
RT: 8.14 min Scan# 1980
Delta R.T. 0.00 min
Lab File: VN060069.D
Acq: 12 Feb 2020 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	27.2	21.8	32.6
87	14.3	11.4	17.2

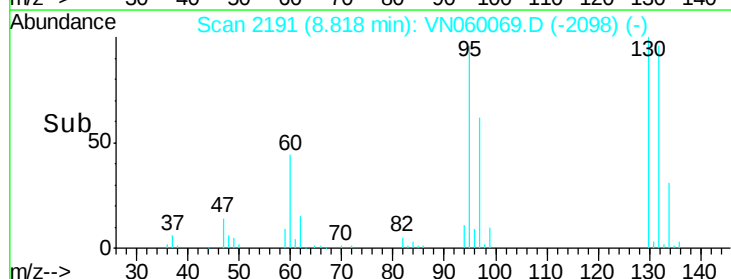
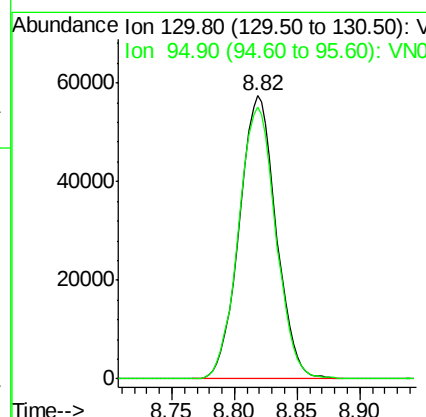
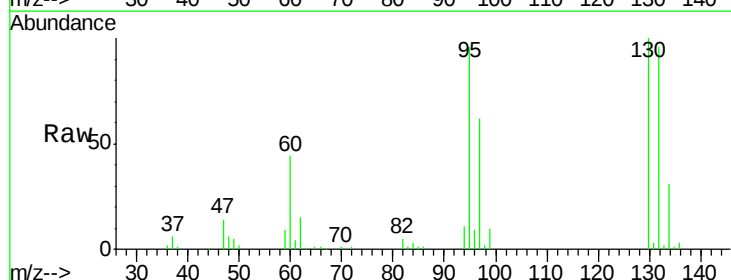
Manual Integrations
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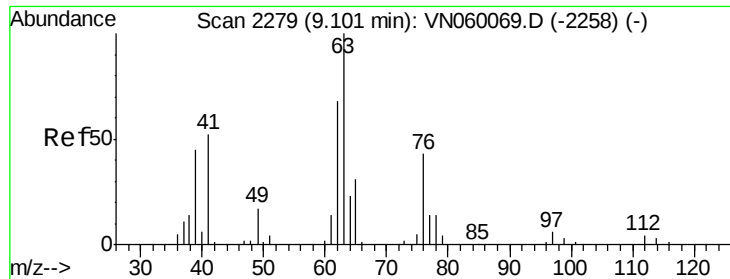
MMDadoda
2/13/2020 10:37:10 AM



#44
Trichloroethene
Concen: 48.341 ug/l
RT: 8.82 min Scan# 2191
Delta R.T. 0.00 min
Lab File: VN060069.D
Acq: 12 Feb 2020 12:27

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.2	0.0	192.4





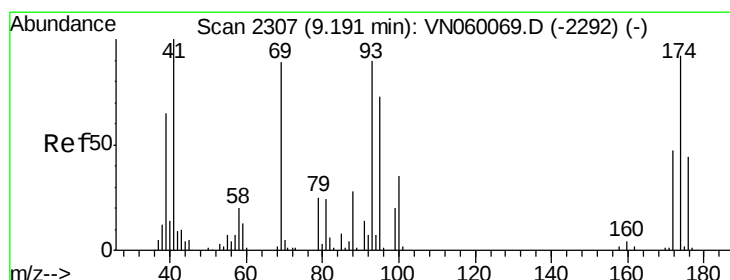
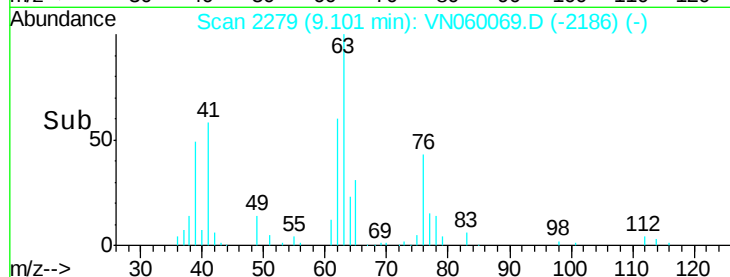
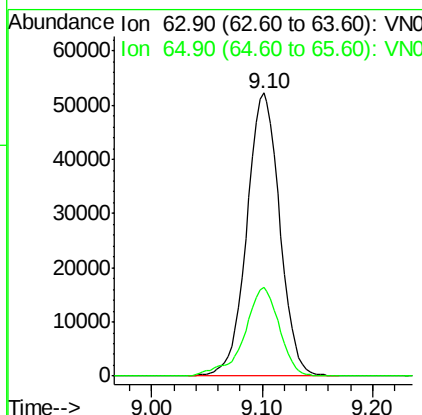
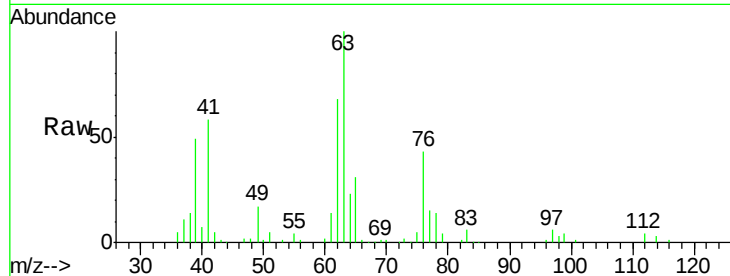
#45
 1,2-Dichloropropane
 Concen: 50.289 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: VN060069.D
 Acq: 12 Feb 2020 12:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion: 63 Resp: 107748
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.0 37.4

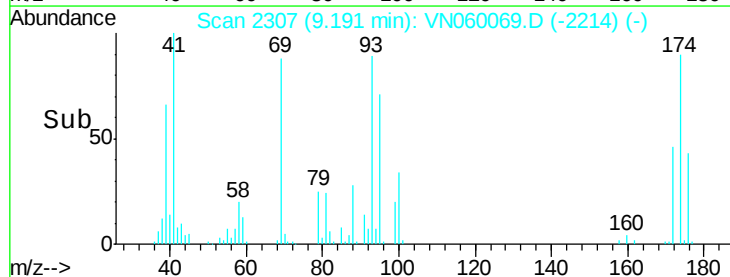
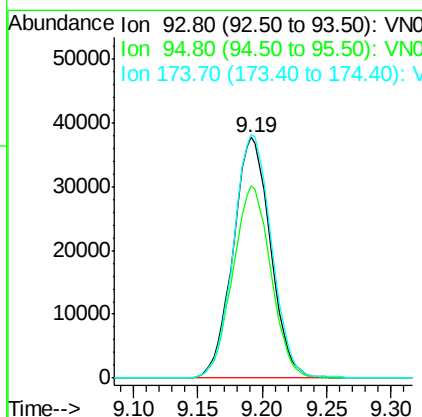
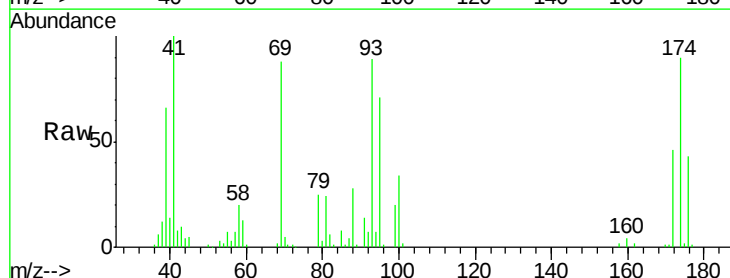
Manual Integrations
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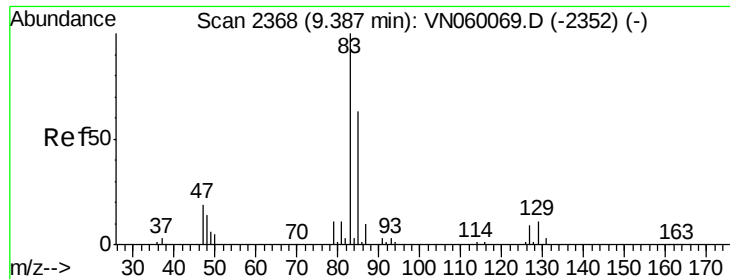
MMDadoda
 2/13/2020 10:37:10 AM



#46
 Dibromomethane
 Concen: 50.510 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN060069.D
 Acq: 12 Feb 2020 12:27

Tgt Ion: 93 Resp: 76052
 Ion Ratio Lower Upper
 93 100
 95 81.3 65.0 97.6
 174 102.9 82.3 123.5





#47

Bromodichloromethane

Concen: 50.394 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN060069.D

Acq: 12 Feb 2020 12:27

Instrument :

MSVOA_N

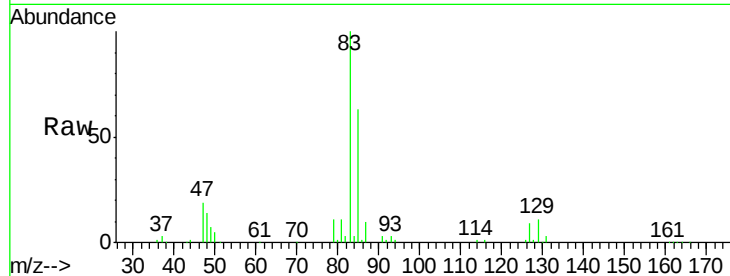
ClientSampleId :

VSTDICCC050

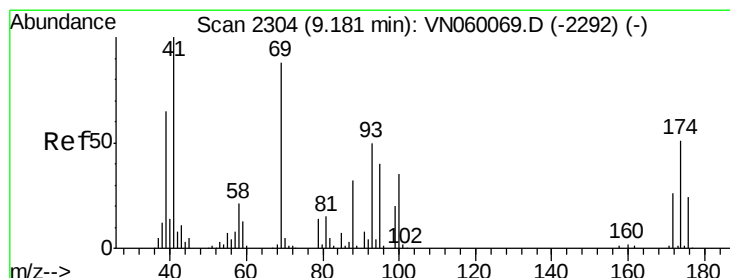
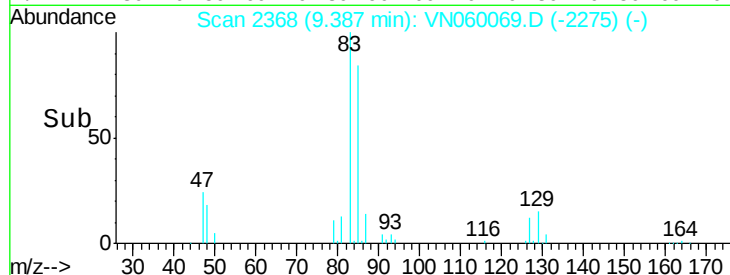
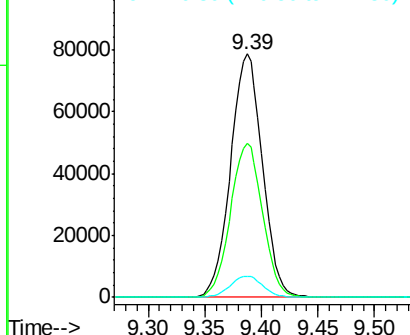
Tot Ion:	83	Resp:	153956
Ion Ratio	Lower	Upper	
83	100		
85	63.2	50.6	75.8
127	8.8	7.0	10.6

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): VNO



#48

Methyl methacrylate

Concen: 52.431 ug/l

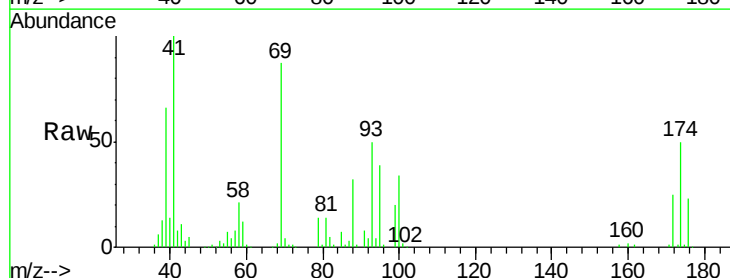
RT: 9.18 min Scan# 2304

Delta R.T. 0.00 min

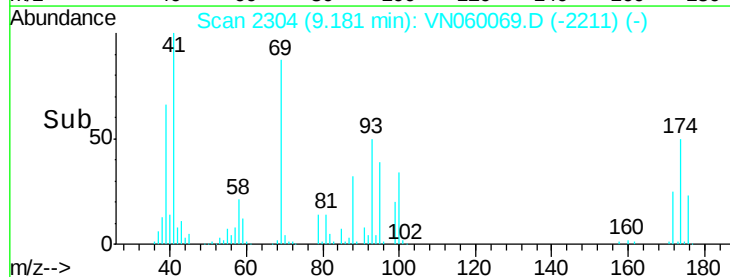
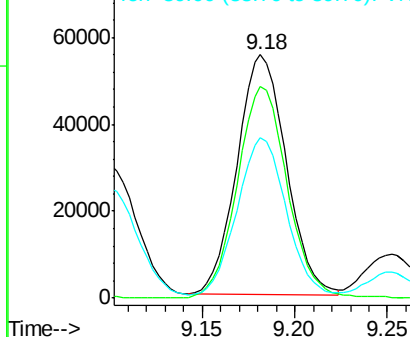
Lab File: VN060069.D

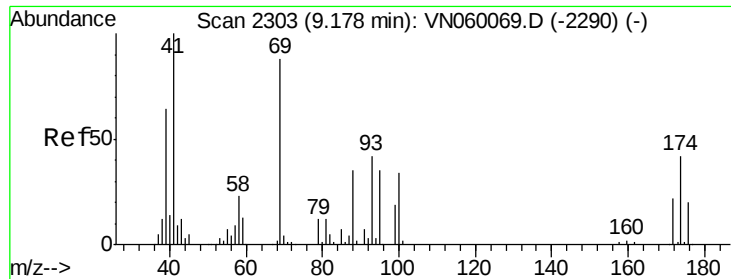
Acq: 12 Feb 2020 12:27

Tgt Ion:	41	Resp:	102372
Ion Ratio	Lower	Upper	
41	100		
69	90.0	72.0	108.0
39	67.6	54.1	81.1



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 39.00 (38.70 to 39.70): VNO





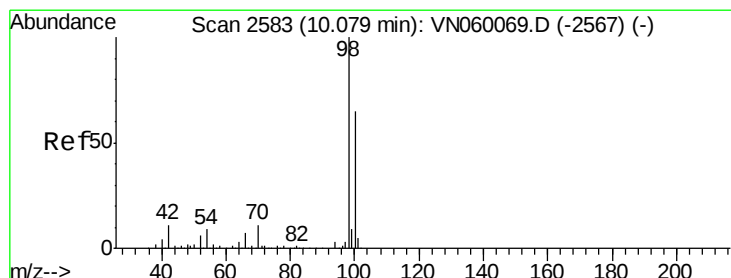
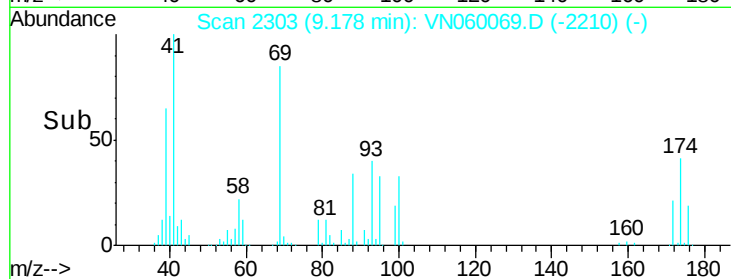
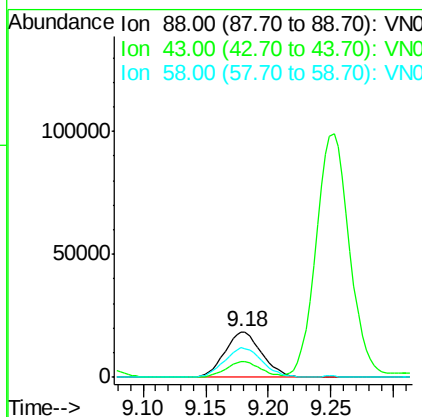
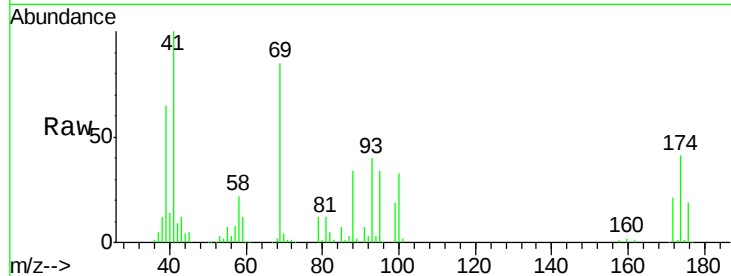
#49
 1,4-Dioxane
 Concen: 1159.285 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. 0.00 min
 Lab File: VN060069.D
 Acq: 12 Feb 2020 12:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.7	26.2	39.2
58	66.5	53.2	79.8

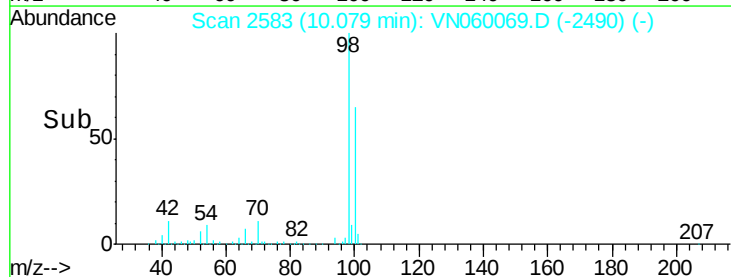
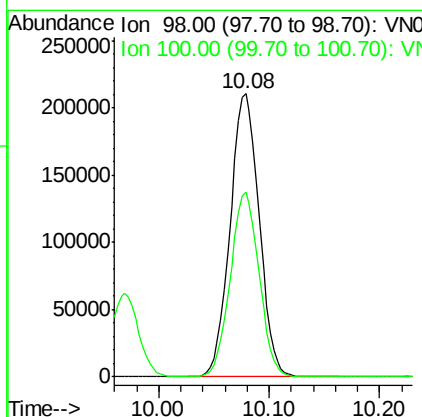
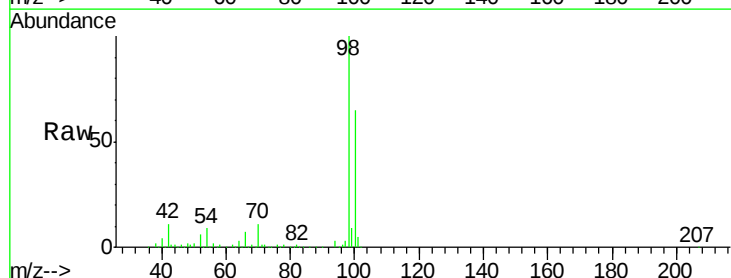
Manual Integrations
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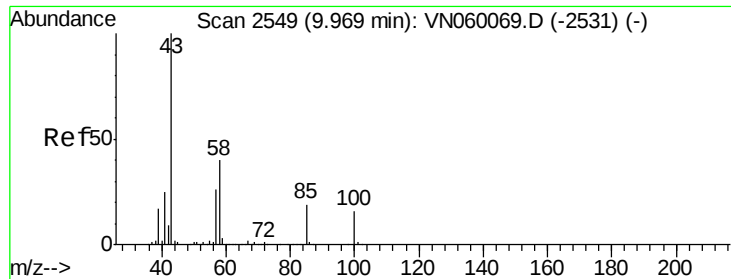
MMDadoda
 2/13/2020 10:37:10 AM



#50
 Toluene-d8
 Concen: 51.415 ug/l
 RT: 10.08 min Scan# 2583
 Delta R.T. 0.00 min
 Lab File: VN060069.D
 Acq: 12 Feb 2020 12:27

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 266.573 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VN060069.D

Acq: 12 Feb 2020 12:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 674923

Ion Ratio Lower Upper

43 100

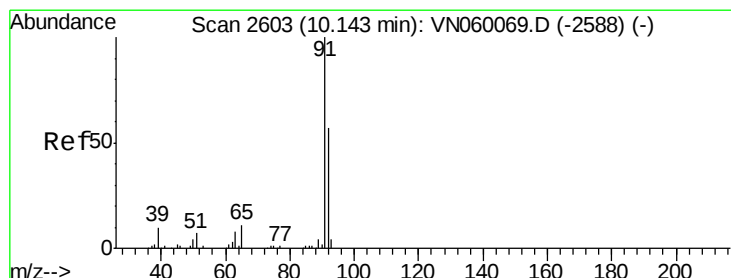
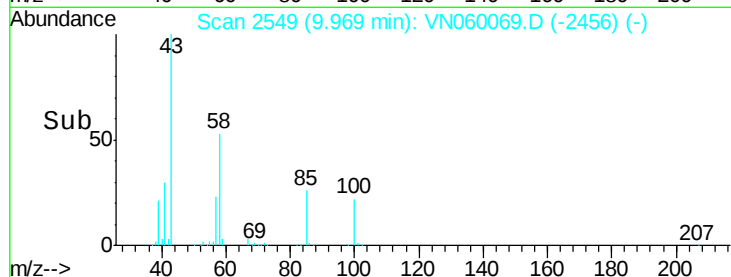
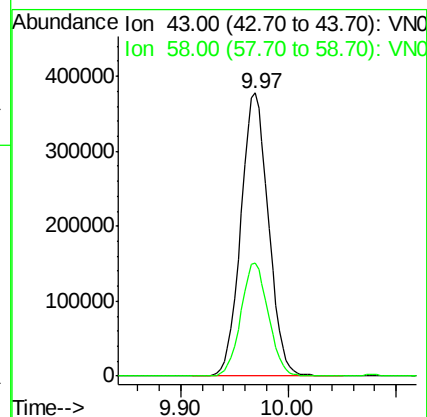
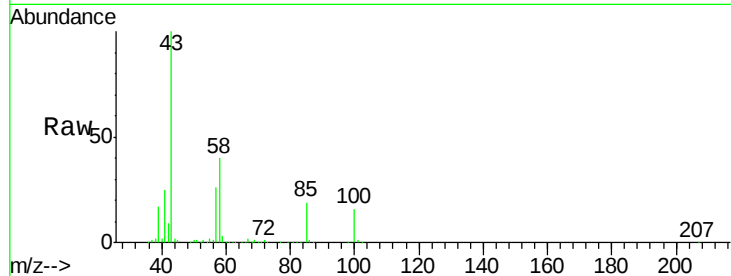
58 39.8 31.8 47.8

Manual Integrations

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MMDadoda

2/13/2020 10:37:10 AM



#52

Toluene

Concen: 49.866 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN060069.D

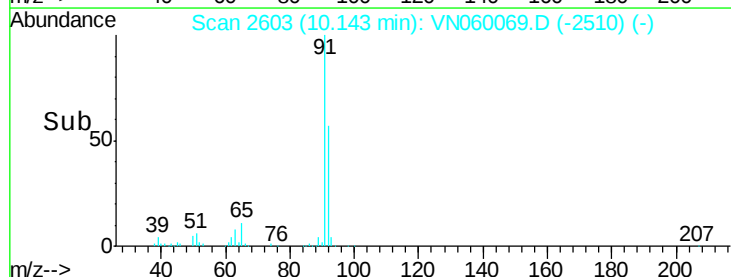
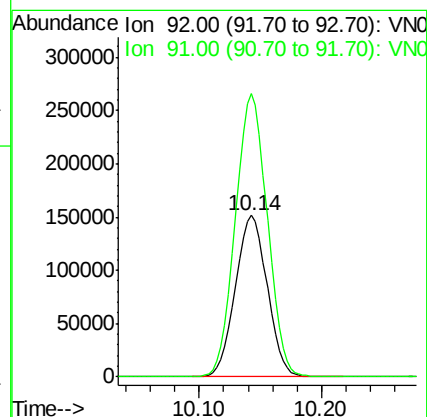
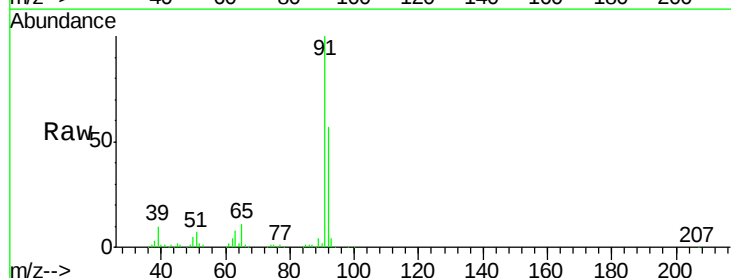
Acq: 12 Feb 2020 12:27

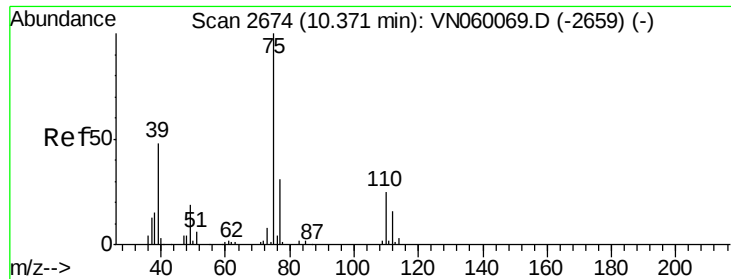
Tgt Ion: 92 Resp: 274843

Ion Ratio Lower Upper

92 100

91 176.1 140.9 211.3





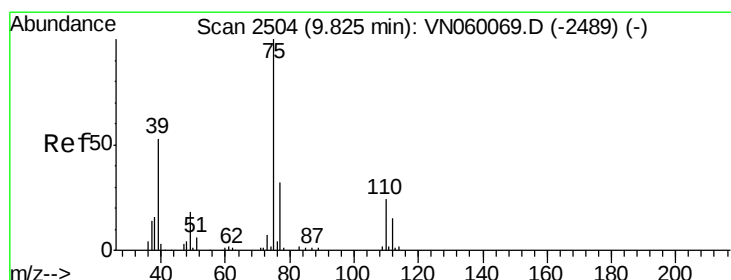
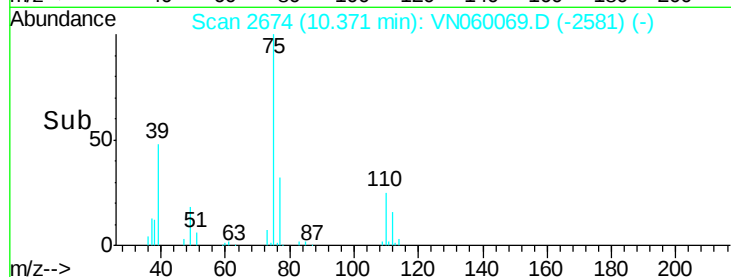
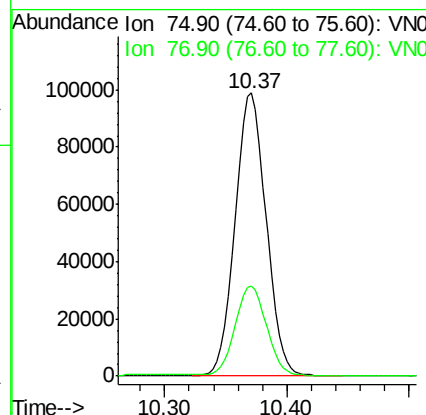
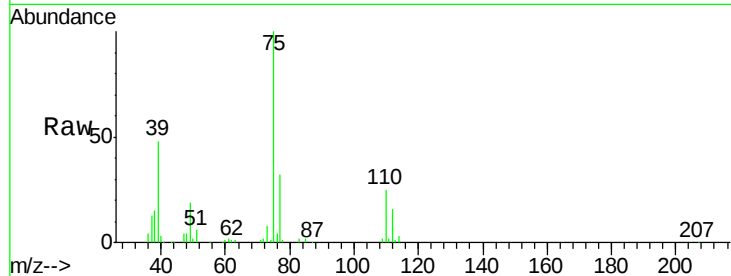
#53
t-1,3-Dichloropropene
Concen: 51.868 ug/l
RT: 10.37 min Scan# 2674
Delta R.T. 0.00 min
Lab File: VN060069.D
Acq: 12 Feb 2020 12:27

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tot Ion: 75 Resp: 175294
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0

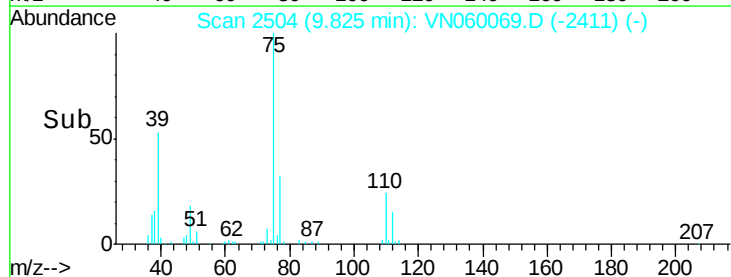
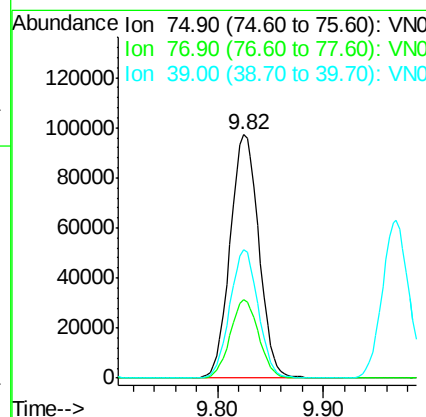
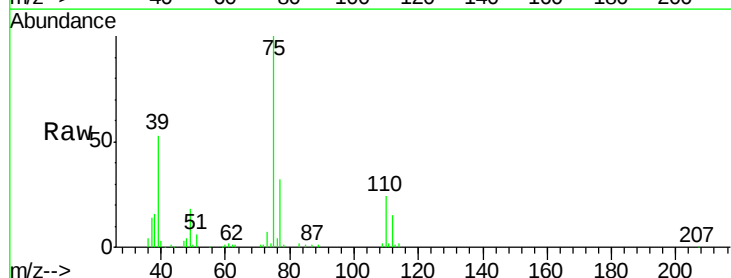
Manual Integrations
APPROVED

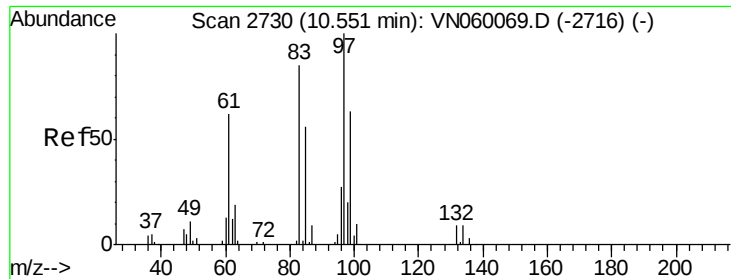
MMDadoda
2/13/2020 10:37:10 AM



#54
cis-1,3-Dichloropropene
Concen: 50.668 ug/l
RT: 9.82 min Scan# 2504
Delta R.T. 0.00 min
Lab File: VN060069.D
Acq: 12 Feb 2020 12:27

Tgt Ion: 75 Resp: 183026
Ion Ratio Lower Upper
75 100
77 32.0 25.6 38.4
39 52.8 42.2 63.4





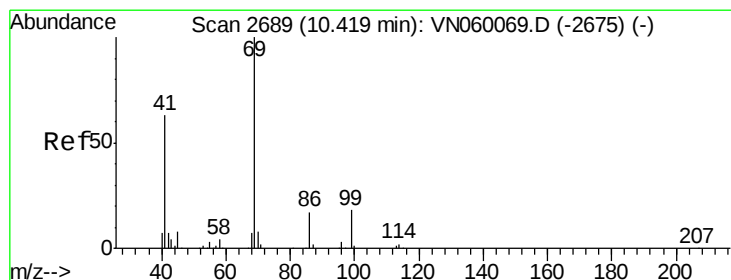
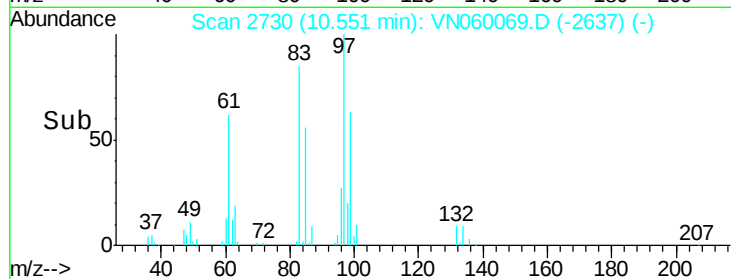
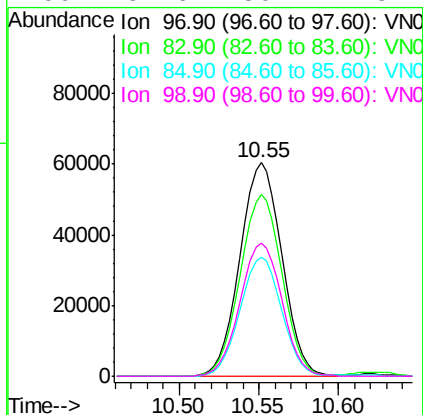
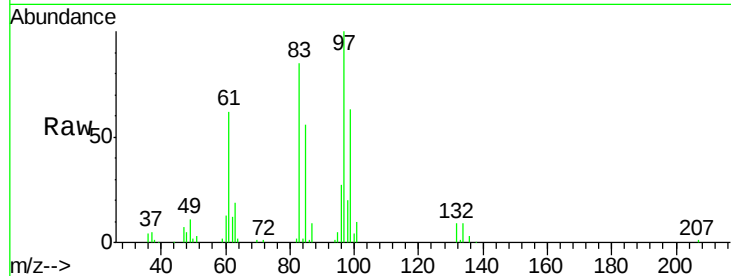
#55
 1,1,2-Trichloroethane
 Concen: 49.959 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN060069.D
 Acq: 12 Feb 2020 12:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion:	97	Resp:	108169
Ion	Ratio	Lower	Upper
97	100		
83	84.9	67.9	101.9
85	55.8	44.6	67.0
99	62.6	50.1	75.1

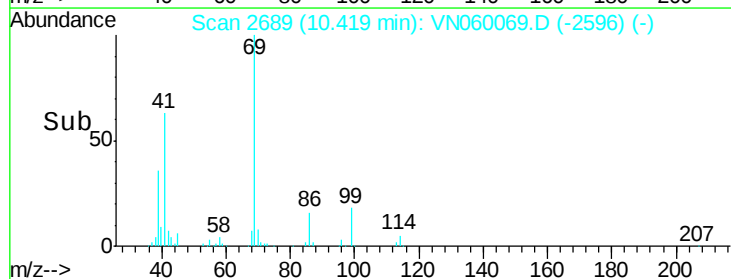
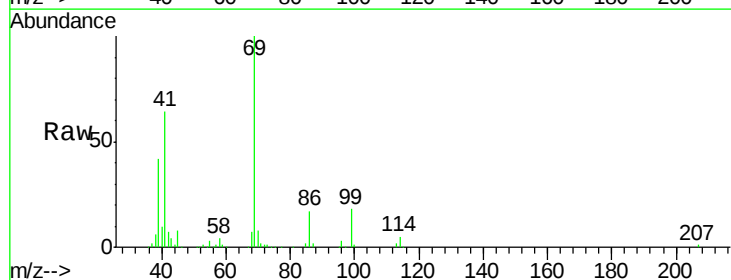
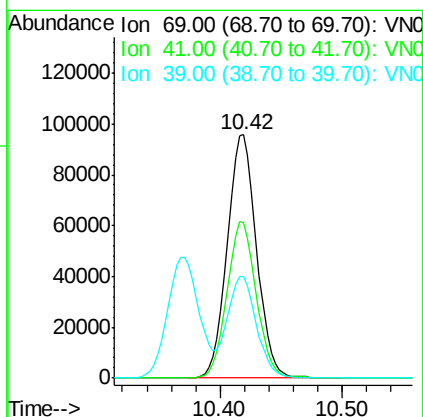
Manual Integrations
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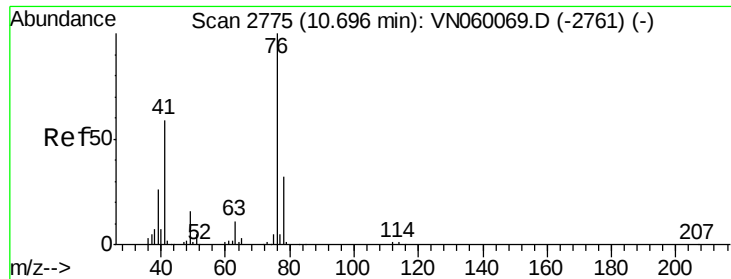
MMDadoda
 2/13/2020 10:37:10 AM



#56
 Ethyl methacrylate
 Concen: 55.758 ug/l
 RT: 10.42 min Scan# 2689
 Delta R.T. 0.00 min
 Lab File: VN060069.D
 Acq: 12 Feb 2020 12:27

Tgt Ion:	69	Resp:	160610
Ion	Ratio	Lower	Upper
69	100		
41	63.9	51.1	76.7
39	42.3	33.8	50.8





#57

1,3-Dichloropropane

Concen: 49.293 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN060069.D

Acq: 12 Feb 2020 12:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 176463

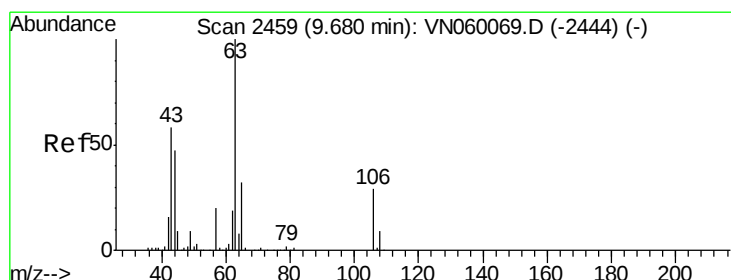
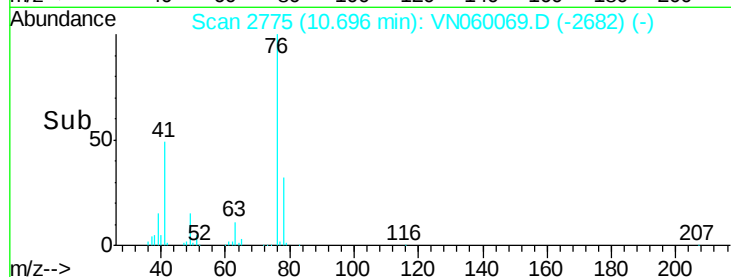
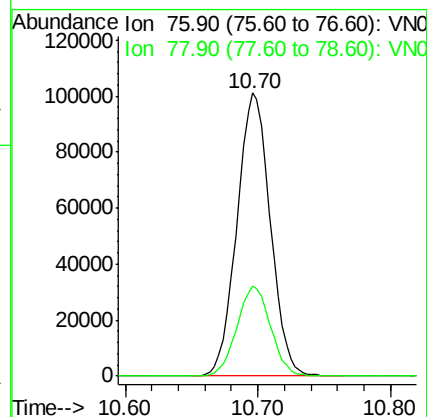
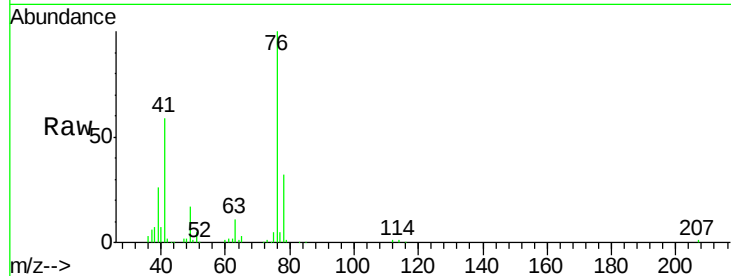
Ion Ratio Lower Upper

76 100

78 32.1 25.7 38.5

Manual Integrations
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2/13/2020 10:37:10 AM



#58

2-Chloroethyl Vinyl ether

Concen: 276.302 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN060069.D

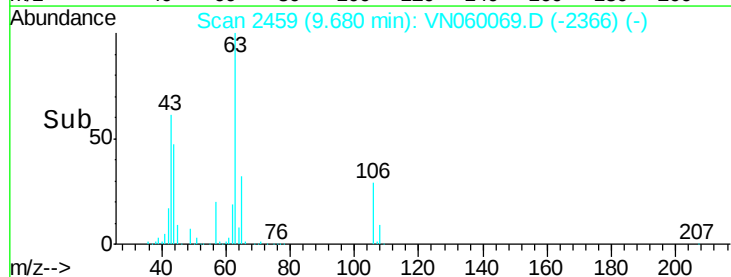
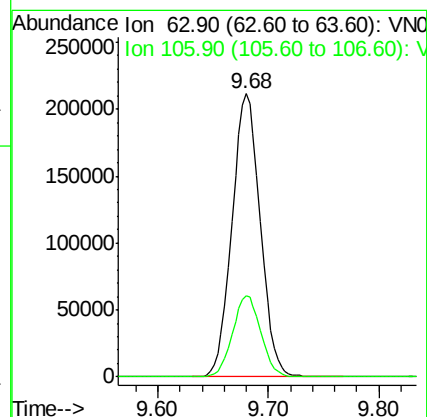
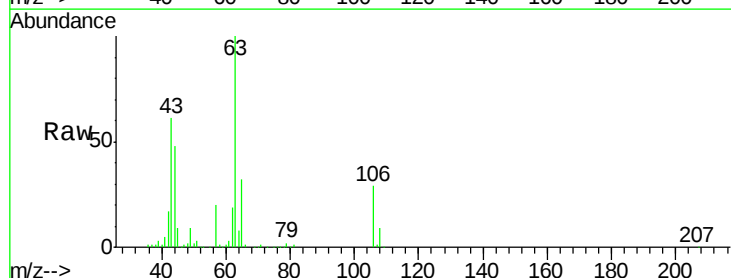
Acq: 12 Feb 2020 12:27

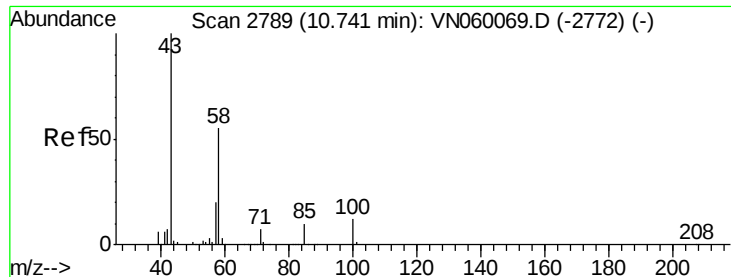
Tgt Ion: 63 Resp: 375227

Ion Ratio Lower Upper

63 100

106 28.6 22.9 34.3





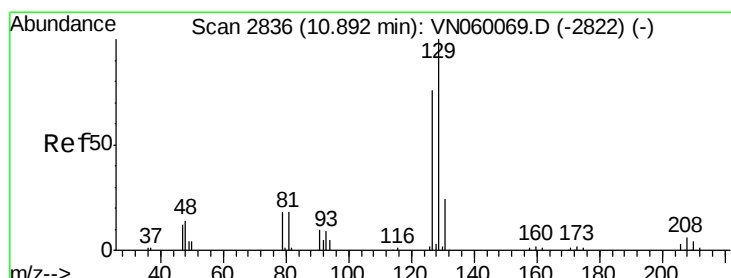
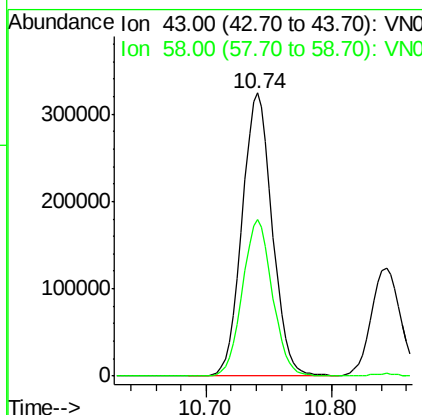
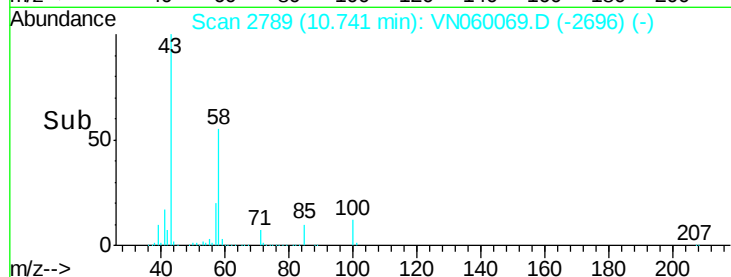
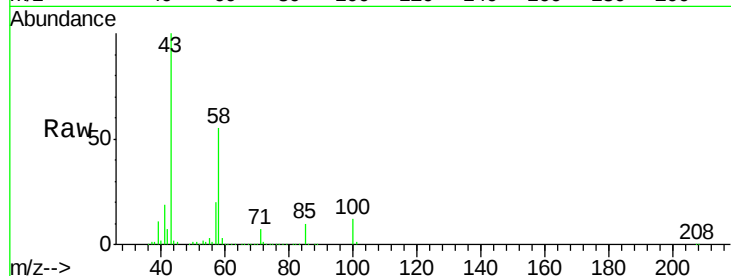
#59
2-Hexanone
Concen: 280.514 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN060069.D
Acq: 12 Feb 2020 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 541745
Ion Ratio Lower Upper
43 100
58 54.9 27.5 82.4

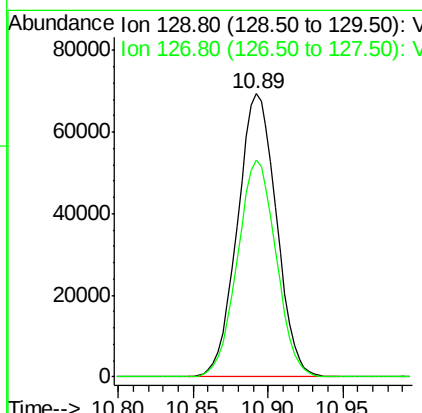
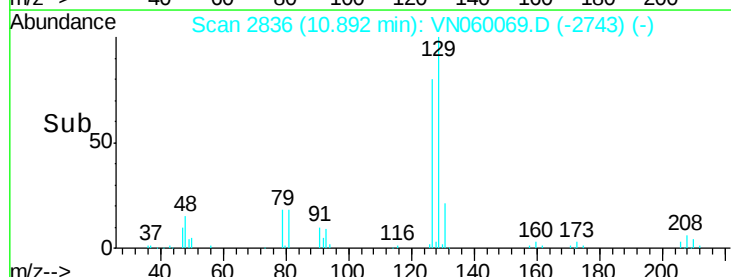
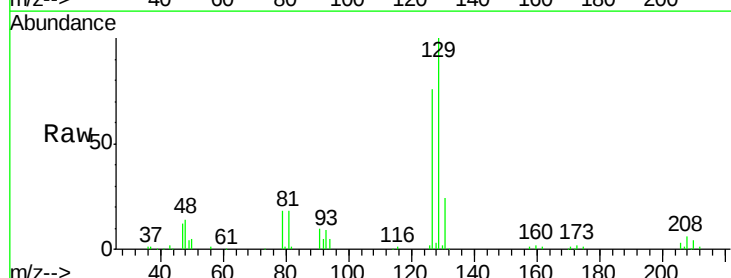
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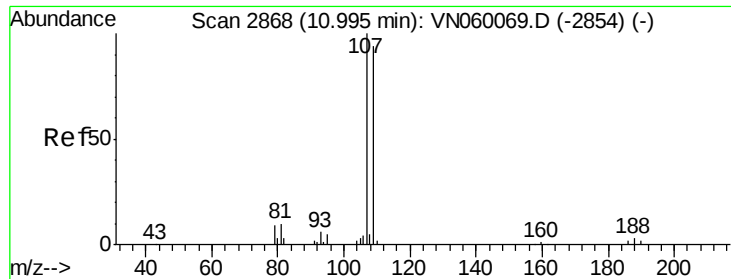
MMDadoda
2/13/2020 10:37:10 AM



#60
Dibromochloromethane
Concen: 51.871 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN060069.D
Acq: 12 Feb 2020 12:27

Tgt Ion: 129 Resp: 125660
Ion Ratio Lower Upper
129 100
127 76.1 38.0 114.1





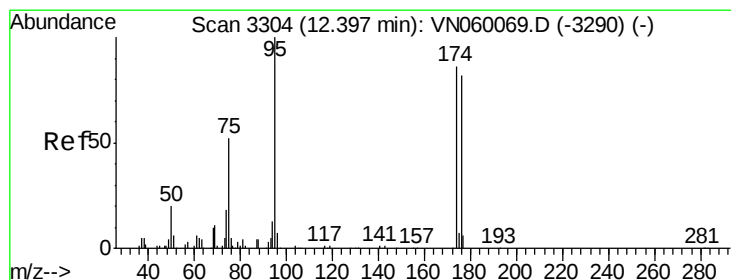
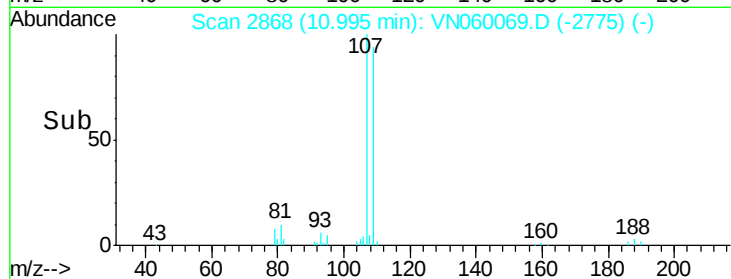
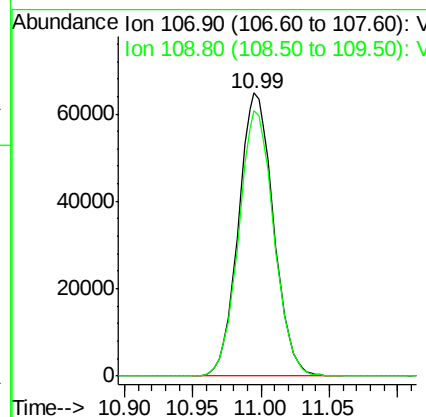
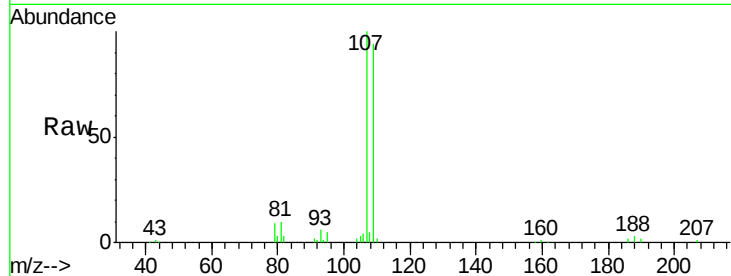
#61
 1,2-Dibromoethane
 Concen: 51.817 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. 0.00 min
 Lab File: VN060069.D
 Acq: 12 Feb 2020 12:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	115336		
109	94.2	75.4	113.0	

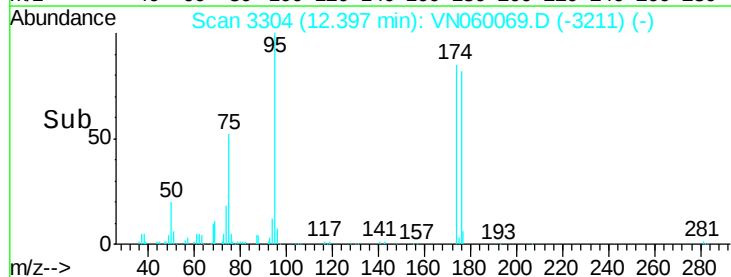
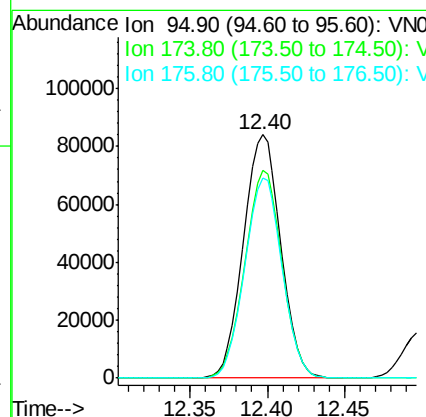
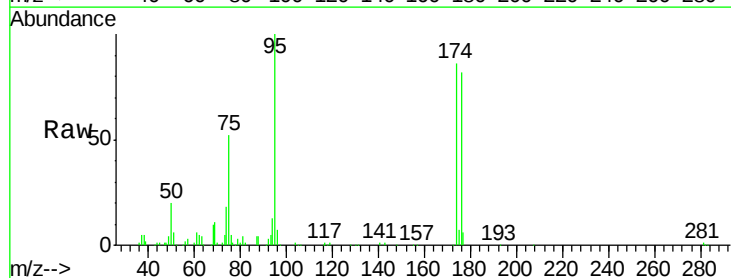
Manual Integrations
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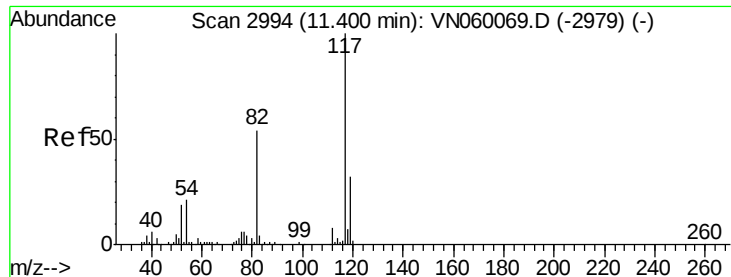
MMDadoda
 2/13/2020 10:37:10 AM



#62
 4-Bromofluorobenzene
 Concen: 52.678 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN060069.D
 Acq: 12 Feb 2020 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	141225		
174	84.9	0.0	169.8	
176	82.4	0.0	164.8	





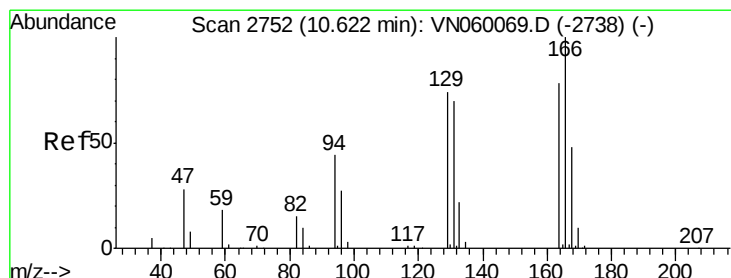
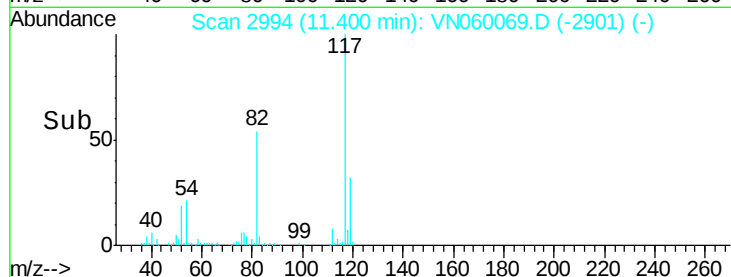
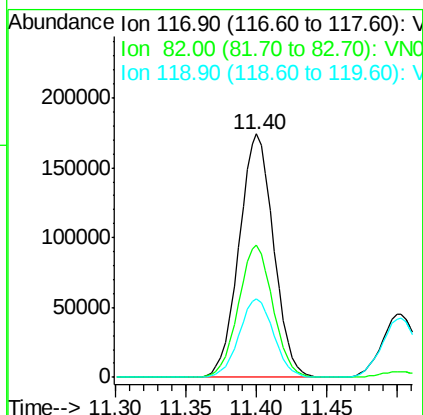
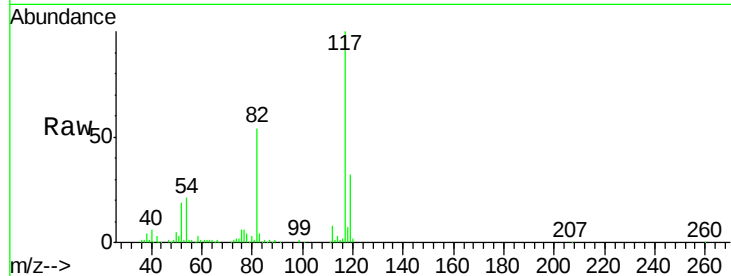
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060069.D
Acq: 12 Feb 2020 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	298453		
82	54.2	43.4	65.0	
119	32.2	25.8	38.6	

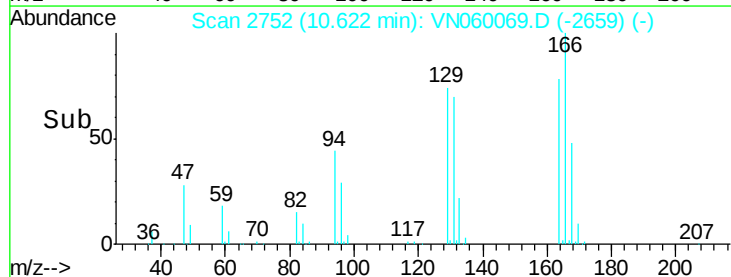
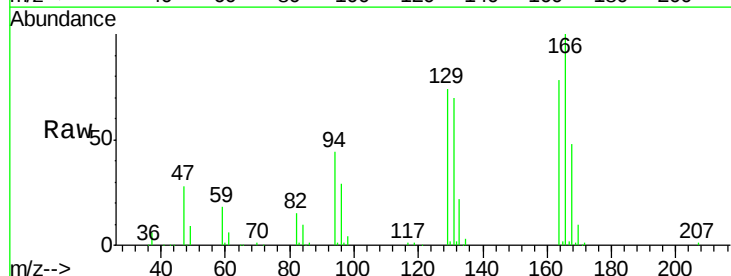
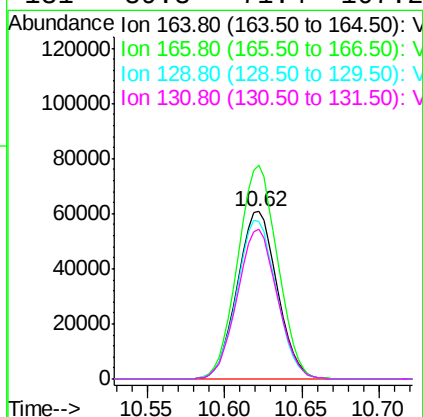
Manual Integrations
APPROVED

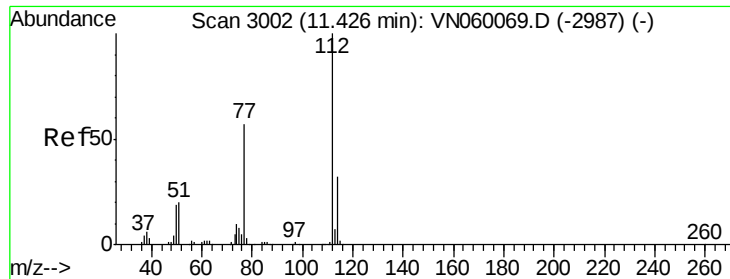
MMDadoda
2/13/2020 10:37:10 AM



#64
Tetrachloroethene
Concen: 46.643 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN060069.D
Acq: 12 Feb 2020 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	109198		
166	127.4	101.9	152.9	
129	94.2	75.4	113.0	
131	89.3	71.4	107.2	





#65

Chlorobenzene

Concen: 48.865 ug/l

RT: 11.43 min Scan# 3002

Delta R.T. 0.00 min

Lab File: VN060069.D

Acq: 12 Feb 2020 12:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion:112 Resp: 298497

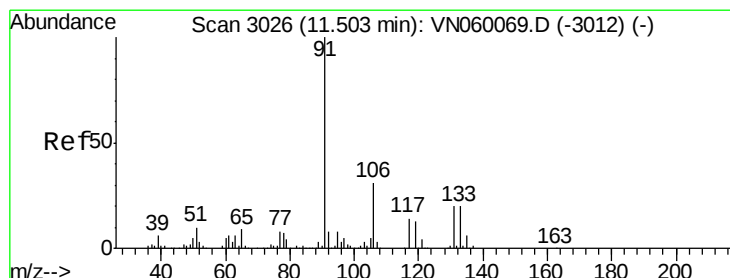
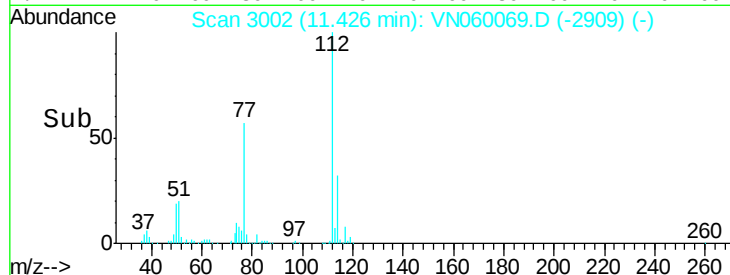
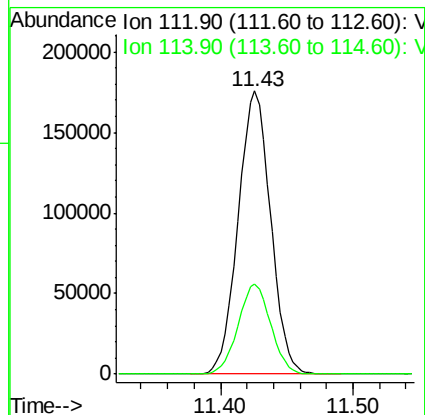
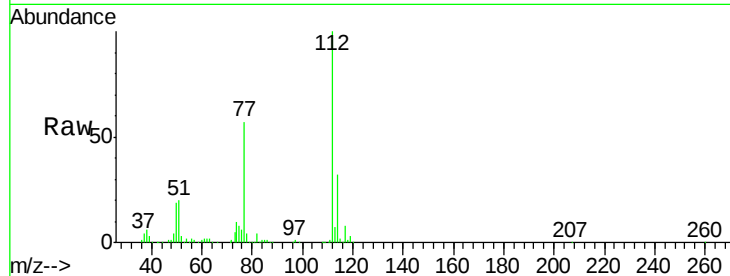
Ion Ratio Lower Upper

112 100

114 31.7 25.4 38.0

Manual Integrations
APPROVED

MMDadoda
2/13/2020 10:37:10 AM



#66

1,1,1,2-Tetrachloroethane

Concen: 49.995 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN060069.D

Acq: 12 Feb 2020 12:27

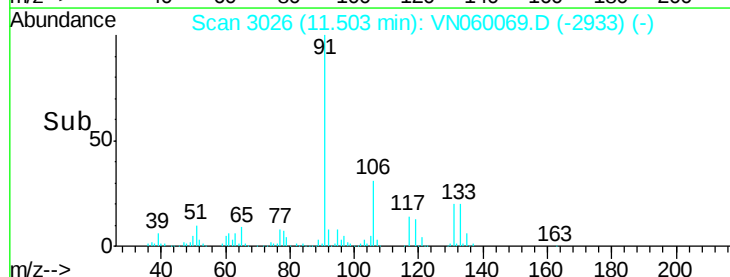
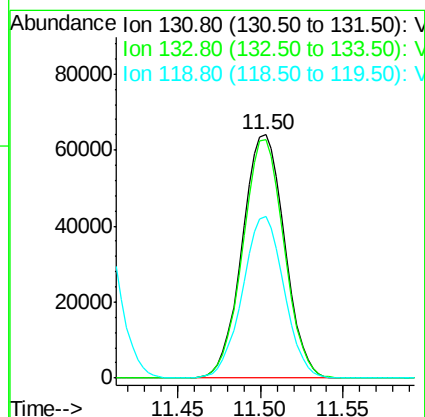
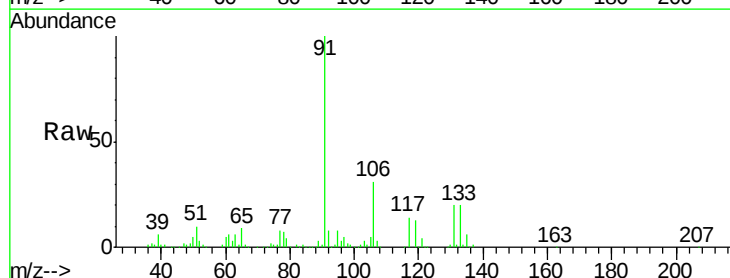
Tgt Ion:131 Resp: 114305

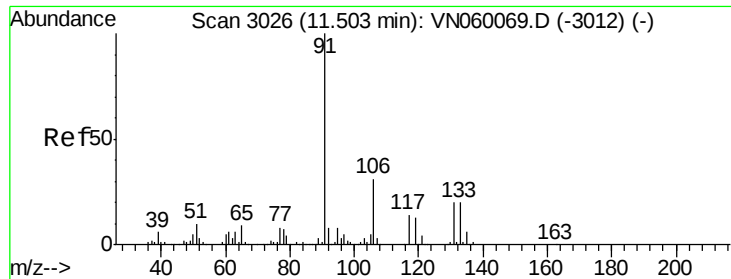
Ion Ratio Lower Upper

131 100

133 95.8 47.9 143.7

119 65.1 32.6 97.7





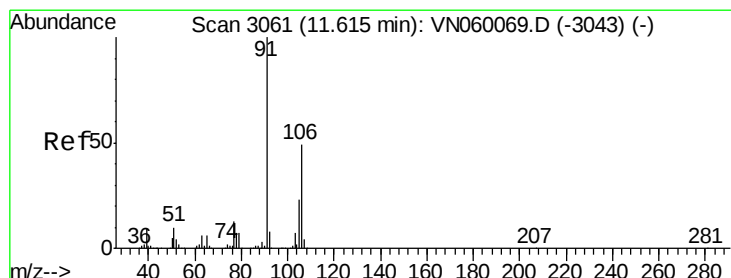
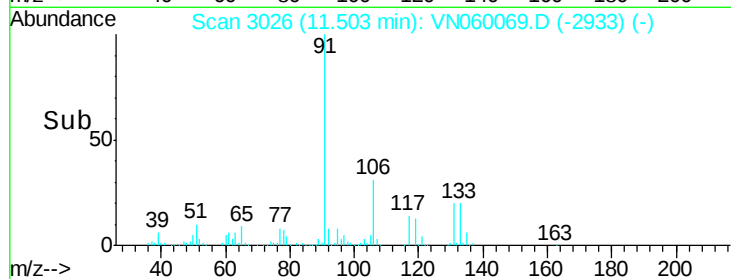
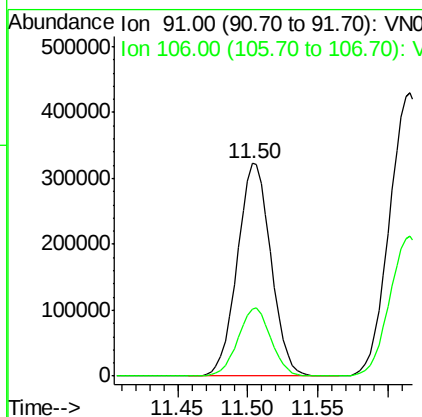
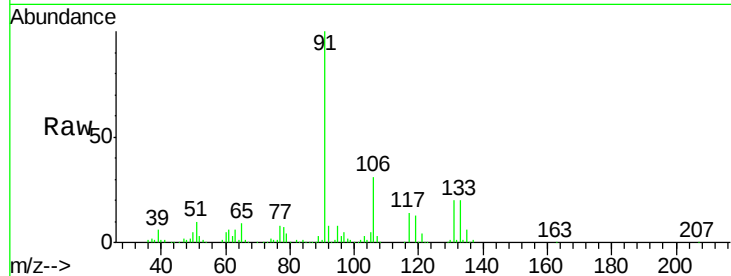
#67
Ethyl Benzene
Concen: 49.089 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN060069.D
Acq: 12 Feb 2020 12:27

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tot Ion: 91 Resp: 539429
Ion Ratio Lower Upper
91 100
106 31.4 25.1 37.7

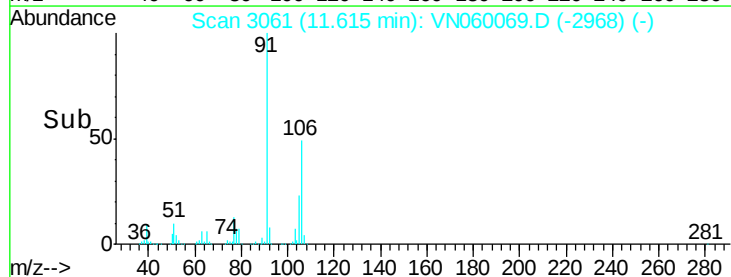
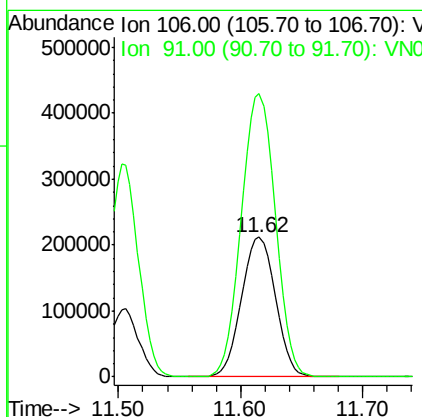
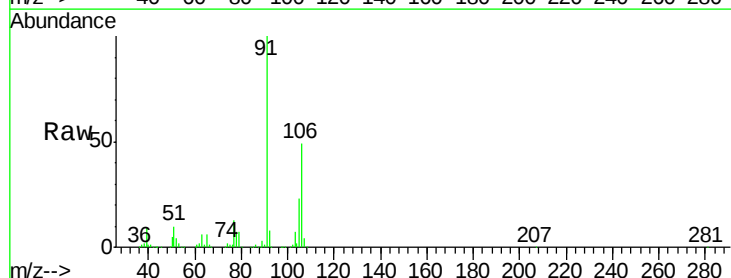
Manual Integrations
APPROVED

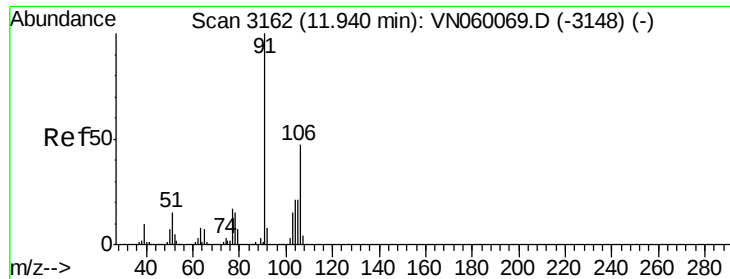
MMDadoda
2/13/2020 10:37:10 AM



#68
m/p-Xylenes
Concen: 99.542 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. 0.00 min
Lab File: VN060069.D
Acq: 12 Feb 2020 12:27

Tgt Ion: 106 Resp: 407076
Ion Ratio Lower Upper
106 100
91 203.4 162.7 244.1





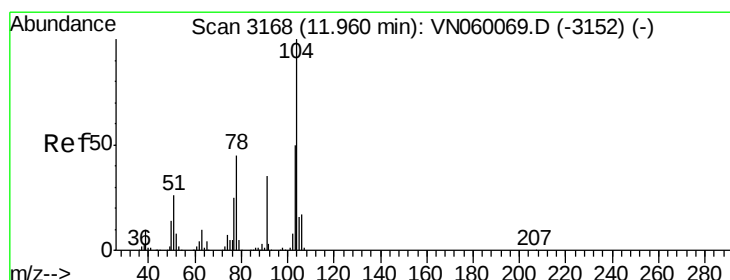
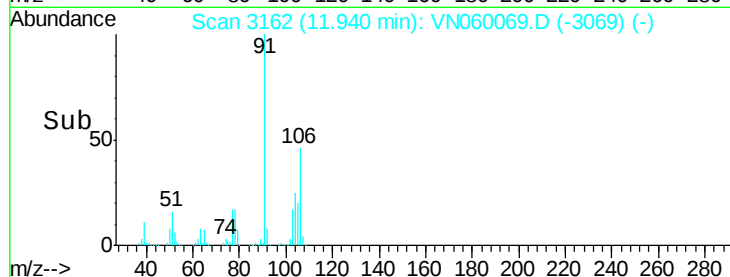
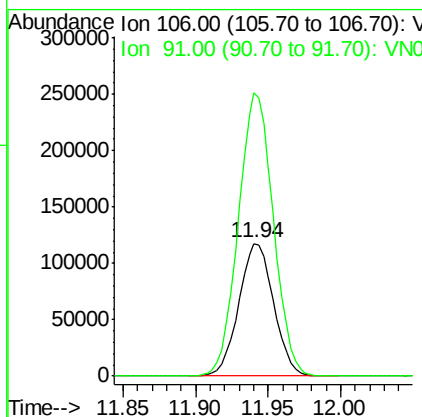
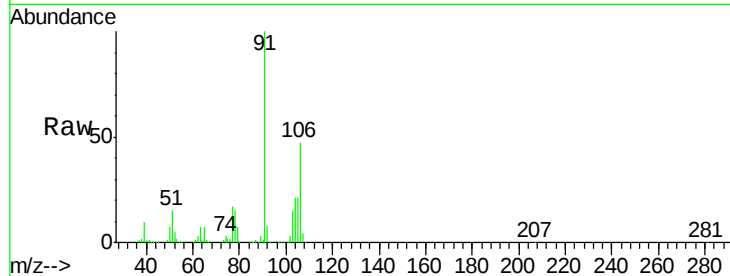
#69
o-Xylene
Concen: 49.984 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN060069.D
Acq: 12 Feb 2020 12:27

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	196436		
91	91	214.4	107.2	321.6	

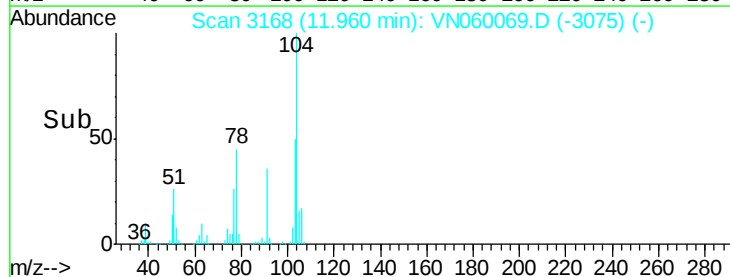
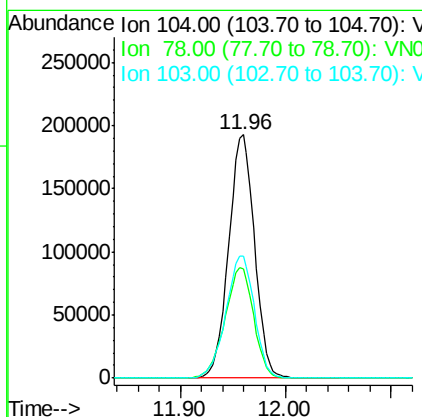
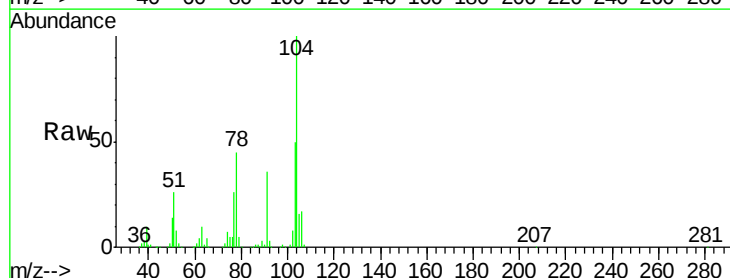
Manual Integrations
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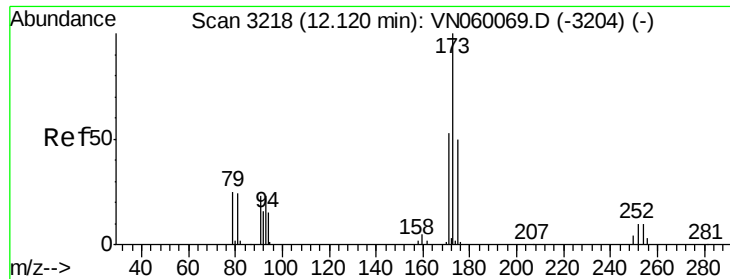
MMDadoda
2/13/2020 10:37:10 AM



#70
Styrene
Concen: 53.614 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN060069.D
Acq: 12 Feb 2020 12:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	326879		
78	78	50.2	40.2	60.2	
103	103	55.4	44.3	66.5	





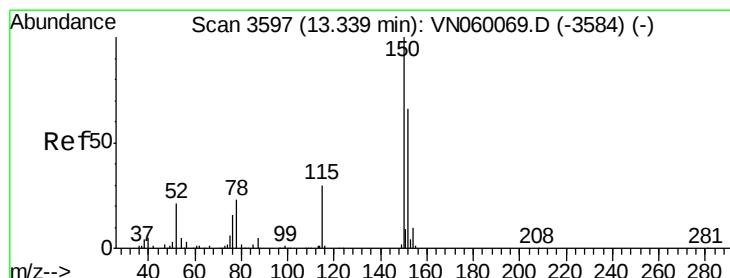
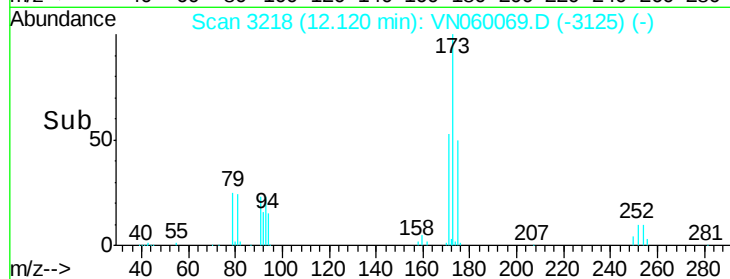
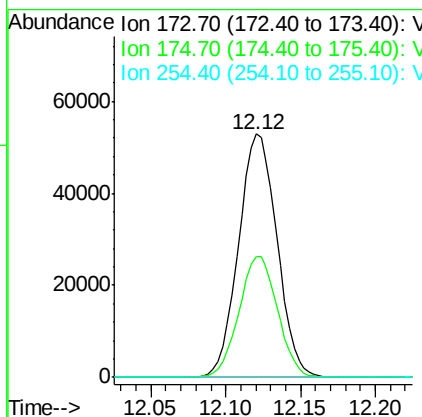
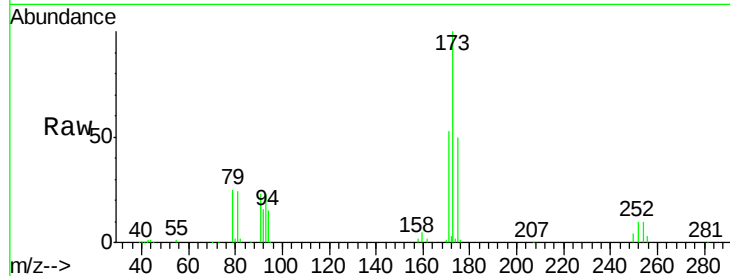
#71
Bromoform
Concen: 53.873 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN060069.D
Acq: 12 Feb 2020 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.7	24.9	74.6
254	0.0	0.0	0.0

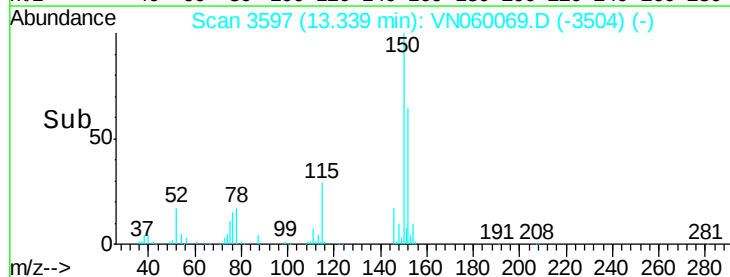
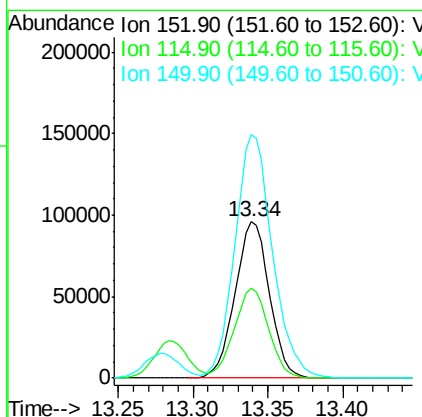
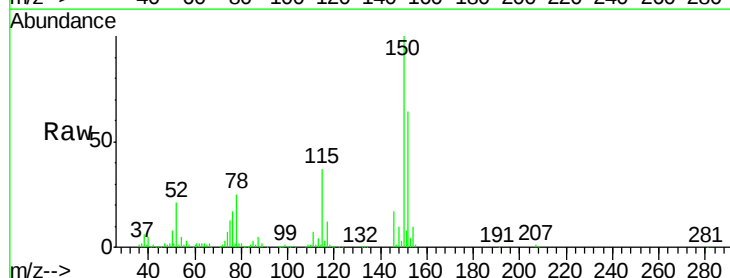
Manual Integrations
APPROVED

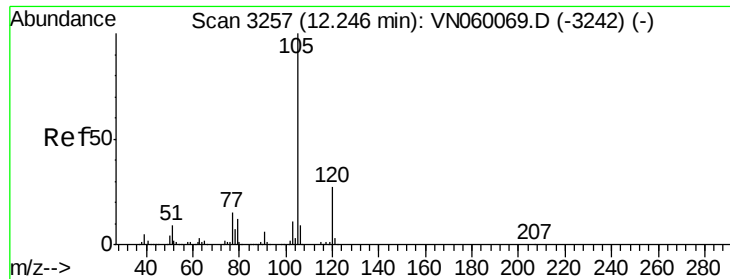
MMDadoda
2/13/2020 10:37:10 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060069.D
Acq: 12 Feb 2020 12:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.9	28.9	86.8
150	171.2	0.0	342.4





#73

Isopropylbenzene

Concen: 46.153 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN060069.D

Acq: 12 Feb 2020 12:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 105 Resp: 539692

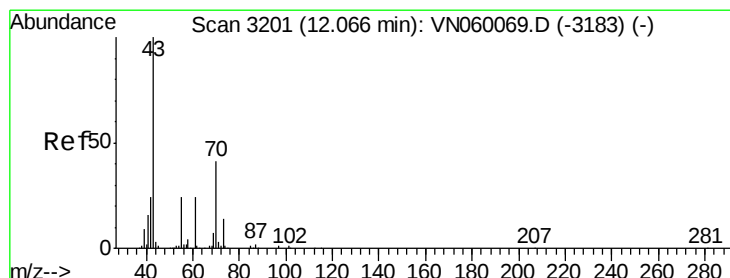
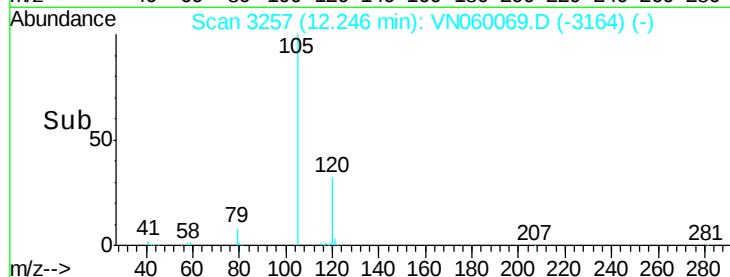
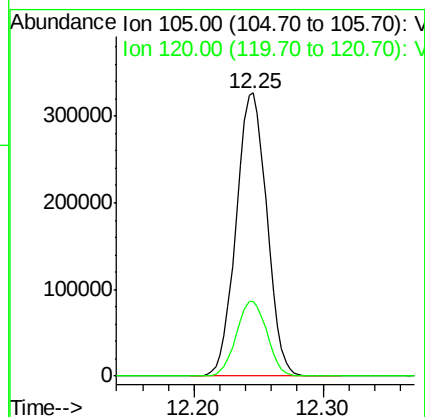
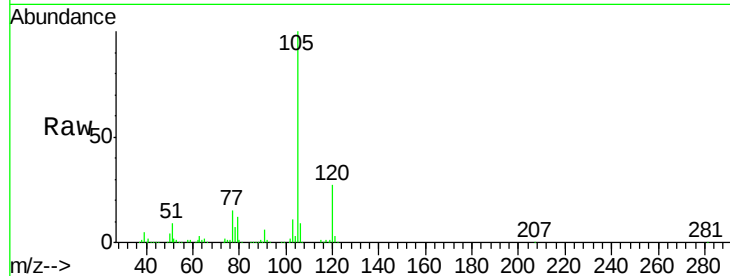
Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.8

Manual Integrations
APPROVED

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2/13/2020 10:37:10 AM



#74

N-ethyl acetate

Concen: 52.734 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN060069.D

Acq: 12 Feb 2020 12:27

Tgt Ion: 43 Resp: 210386

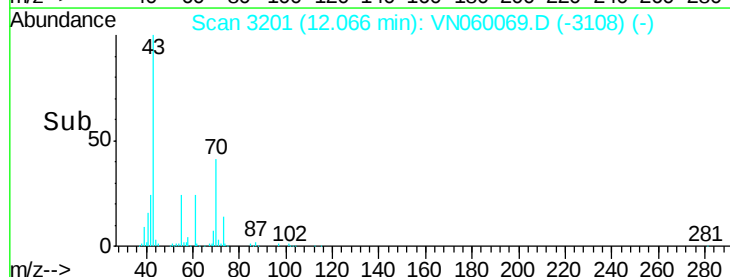
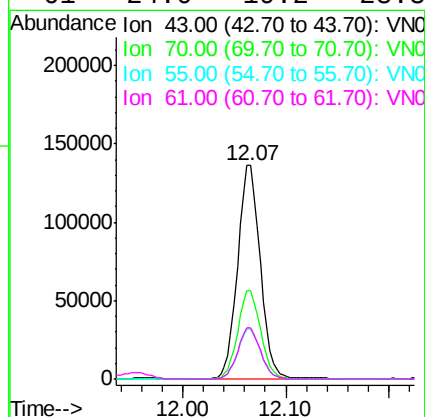
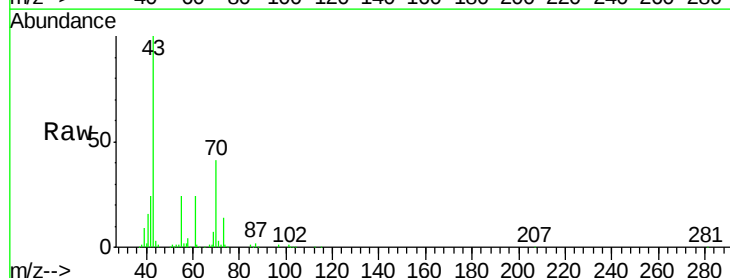
Ion Ratio Lower Upper

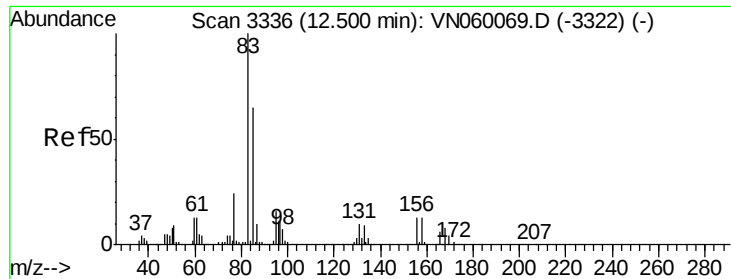
43 100

70 41.7 33.4 50.0

55 23.5 18.8 28.2

61 24.0 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 48.506 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN060069.D

Acq: 12 Feb 2020 12:27

Instrument :

MSVOA_N

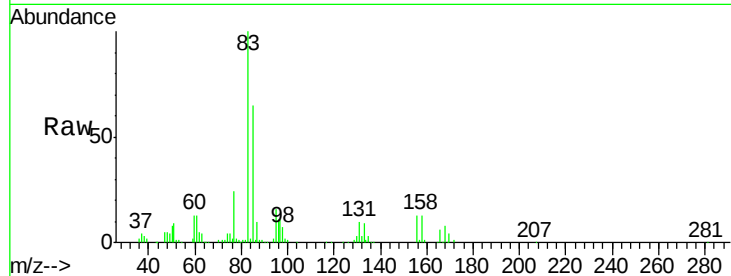
ClientSampled :

VSTDICCC050

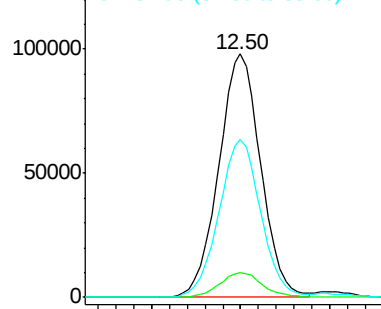
Tot Ion:	83	Resp:	160593
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.2	15.6
85	64.6	32.3	96.9

Manual Integrations
APPROVED

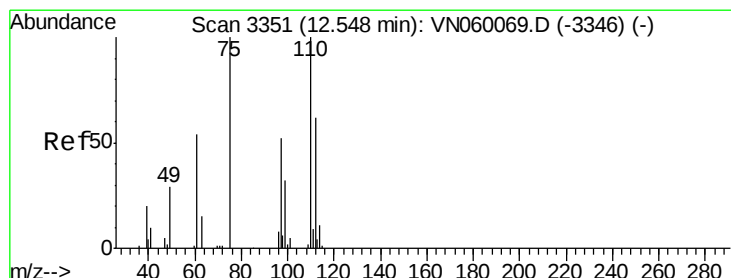
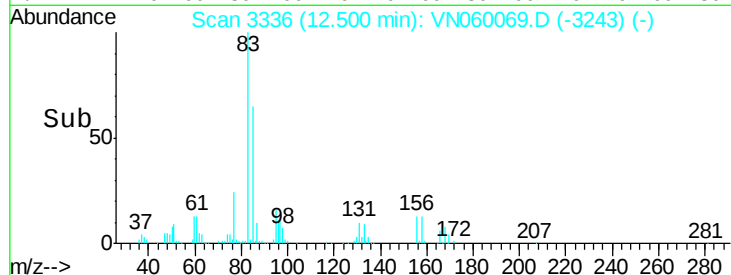
MMDadoda
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Abundance Ion 82.90 (82.60 to 83.60): VN060069.D (-3322) (-)



Time-->



#76

1,2,3-Trichloropropane

Concen: 34.780 ug/l m

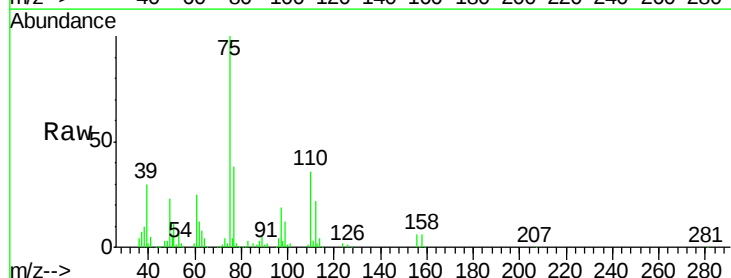
RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

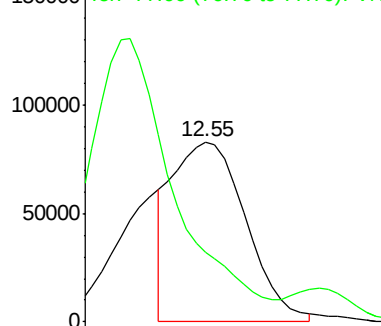
Lab File: VN060069.D

Acq: 12 Feb 2020 12:27

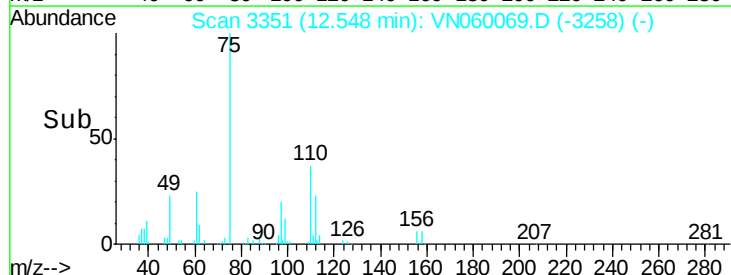
Tgt Ion:	75	Resp:	144542
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0

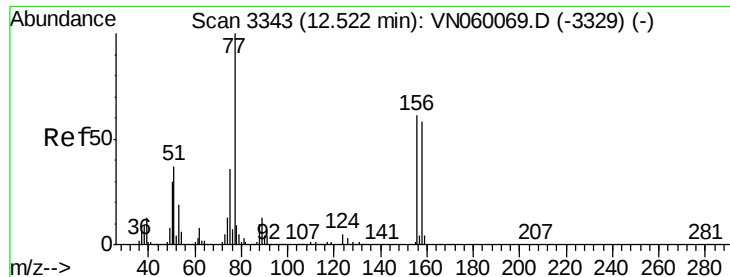


Abundance Ion 74.90 (74.60 to 75.60): VN060069.D (-3346) (-)



Time-->





#77

Bromobenzene

Concen: 46.893 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN060069.D

Acq: 12 Feb 2020 12:27

Instrument :

MSVOA_N

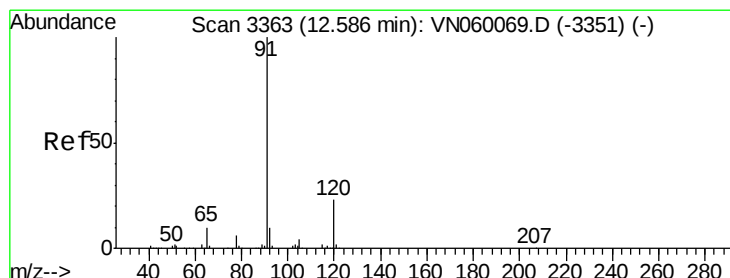
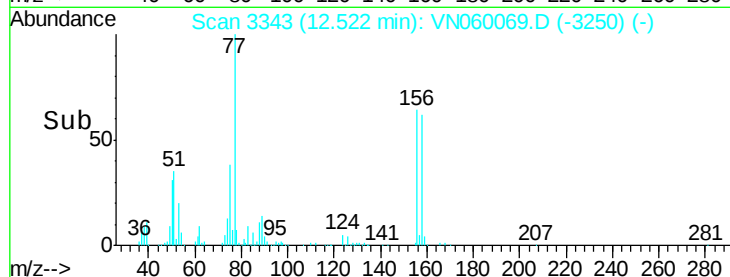
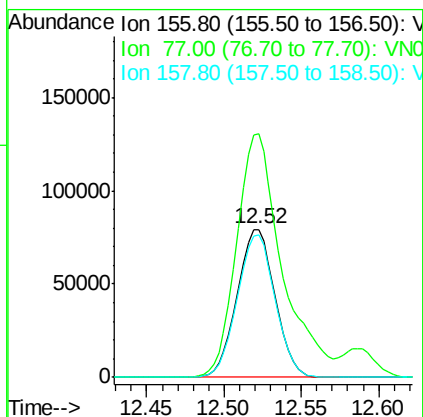
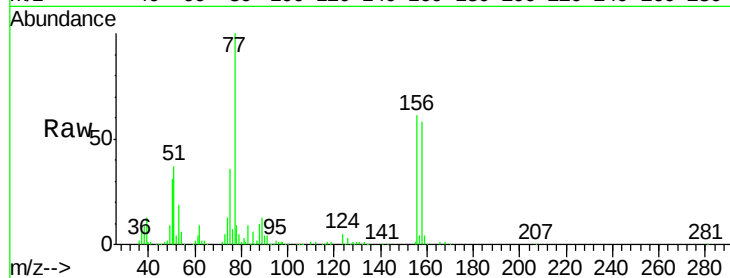
ClientSampleId :

VSTDICCC050

Tot Ion:	156	Resp:	134984
Ion Ratio	Lower	Upper	
156	100		
77	197.4	98.7	296.1
158	96.3	48.1	144.4

Manual Integrations
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#78

n-propylbenzene

Concen: 46.425 ug/l

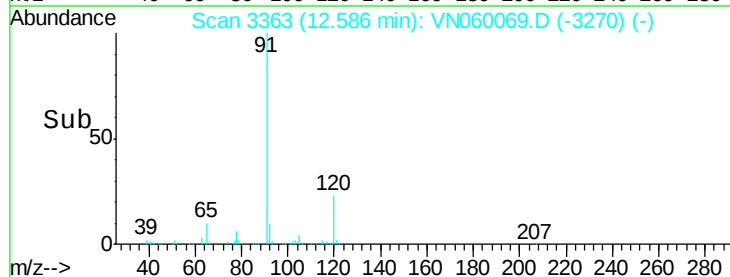
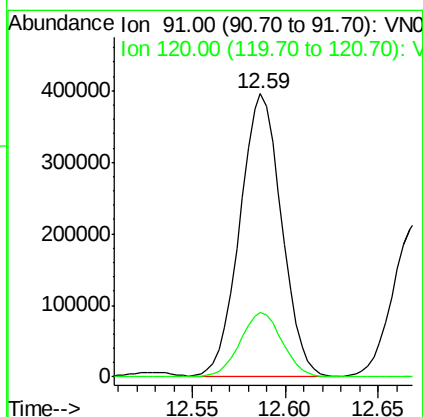
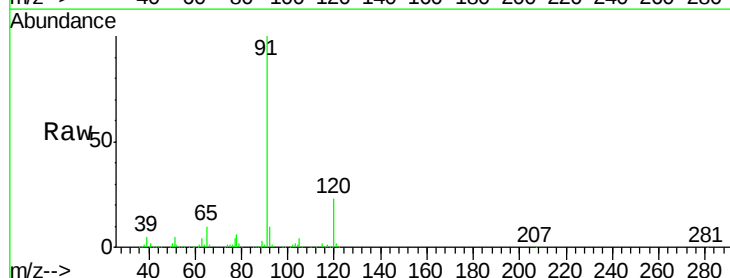
RT: 12.59 min Scan# 3363

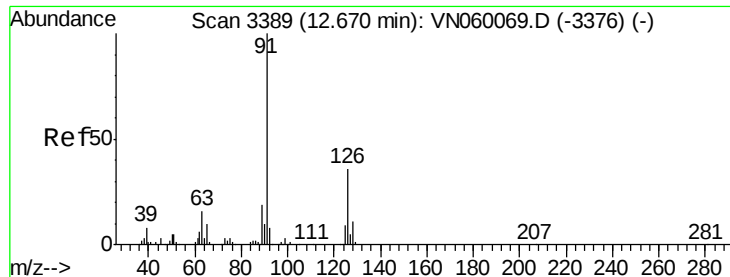
Delta R.T. 0.00 min

Lab File: VN060069.D

Acq: 12 Feb 2020 12:27

Tgt Ion:	91	Resp:	615877
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.5	34.5





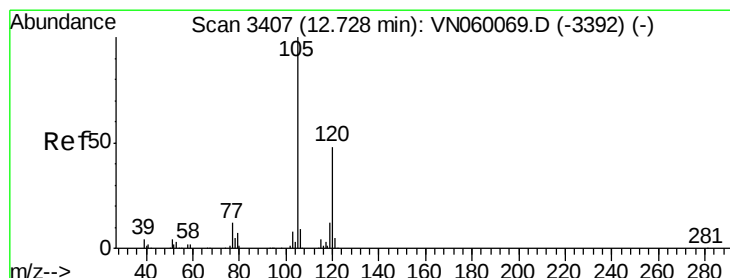
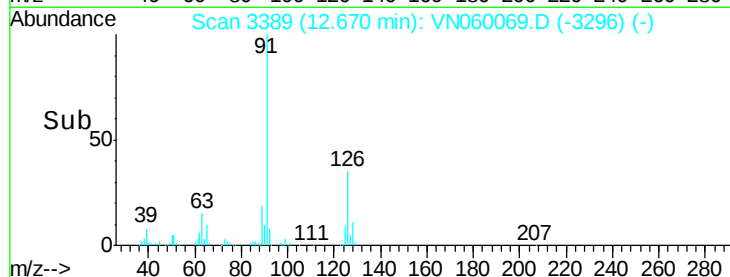
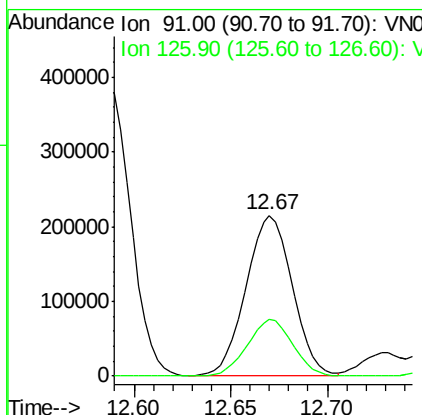
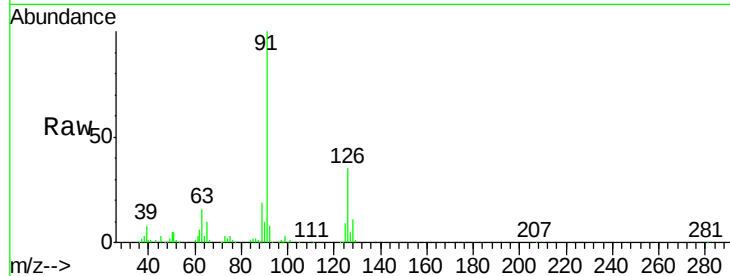
#79
 2-Chlorotoluene
 Concen: 45.664 ug/l
 RT: 12.67 min Scan# 3389
 Delta R.T. 0.00 min
 Lab File: VN060069.D
 Acq: 12 Feb 2020 12:27

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC050

Tot Ion: 91 Resp: 357558
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.4 52.2

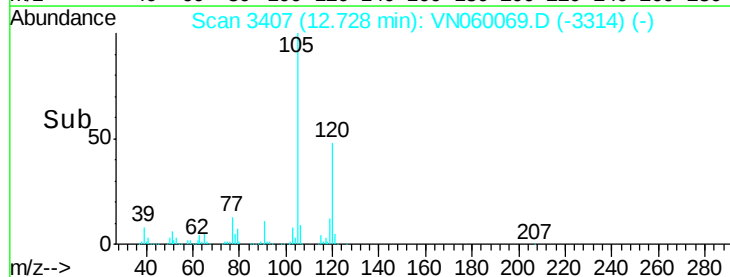
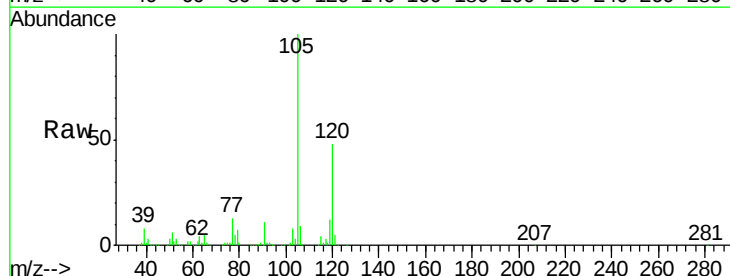
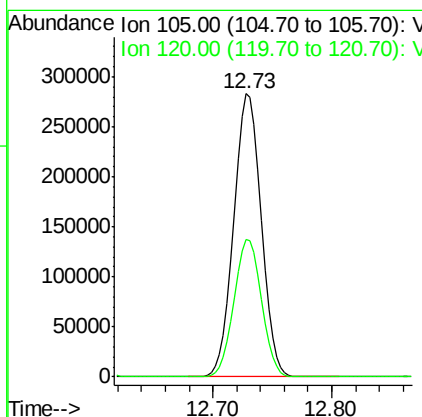
Manual Integrations
 APPROVED

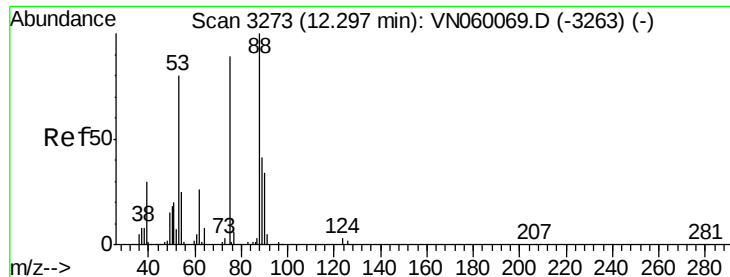
MMDadoda
 2/13/2020 10:37:10 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 46.962 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. 0.00 min
 Lab File: VN060069.D
 Acq: 12 Feb 2020 12:27

Tgt Ion: 105 Resp: 453239
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.3 72.9





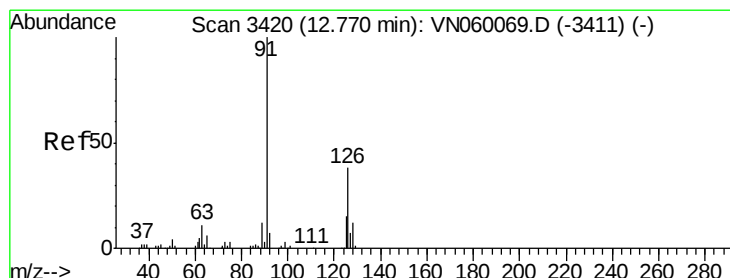
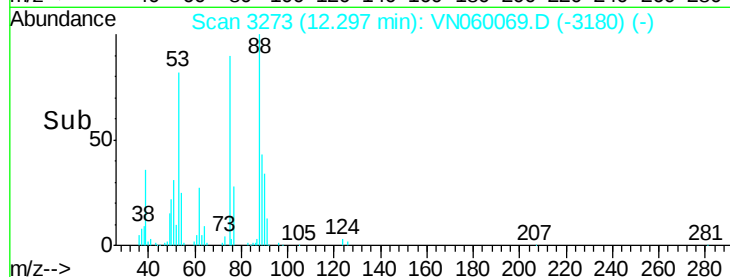
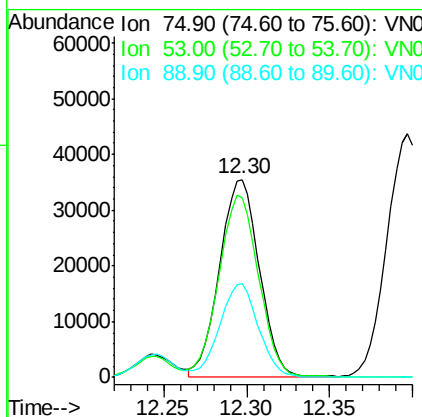
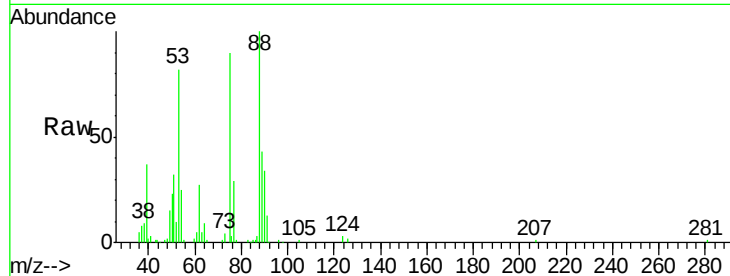
#81
trans-1,4-Dichloro-2-butene
Concen: 51.712 ug/l
RT: 12.30 min Scan# 3273
Delta R.T. 0.00 min
Lab File: VN060069.D
Acq: 12 Feb 2020 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.4	73.9	110.9
89	46.2	37.0	55.4

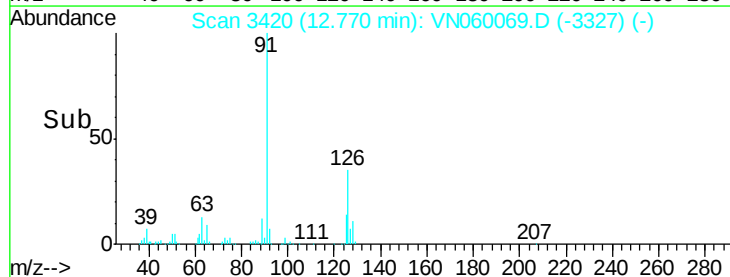
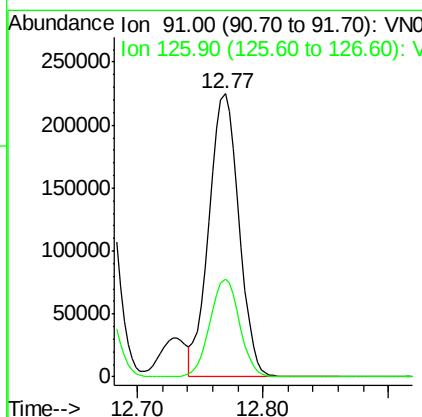
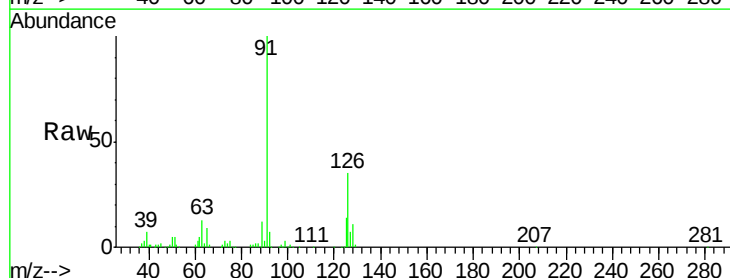
Manual Integrations
APPROVED

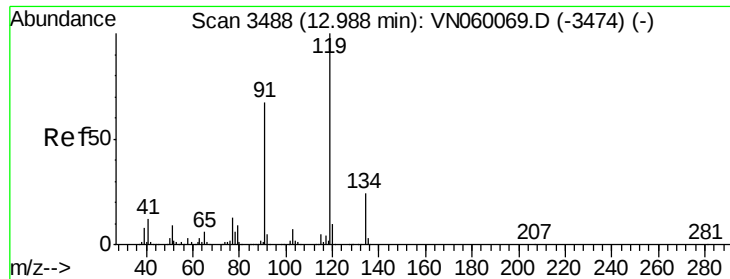
MMDadoda
2/13/2020 10:37:10 AM



#82
4-Chlorotoluene
Concen: 46.957 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. 0.00 min
Lab File: VN060069.D
Acq: 12 Feb 2020 12:27

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.2	17.1	51.3





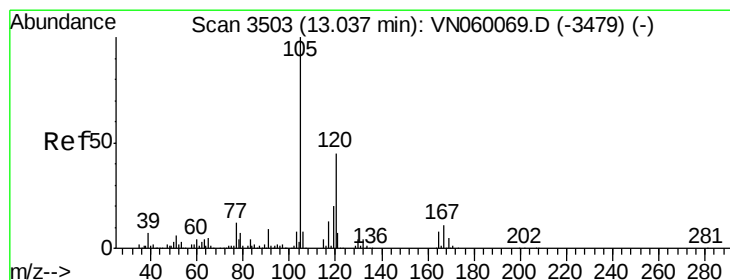
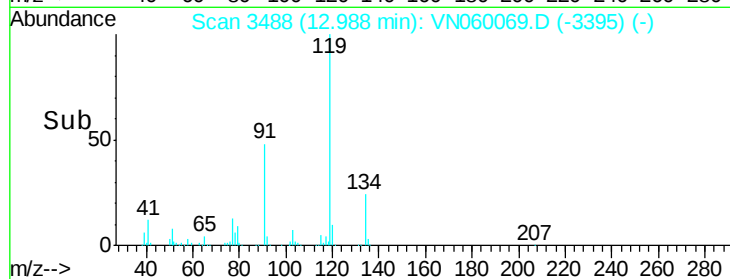
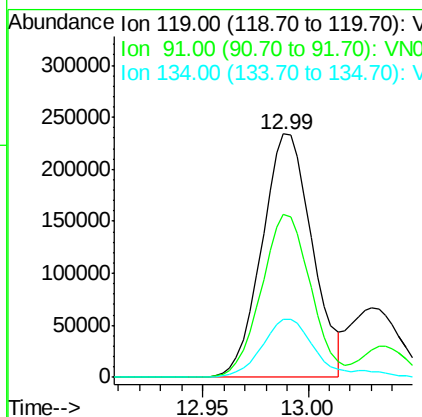
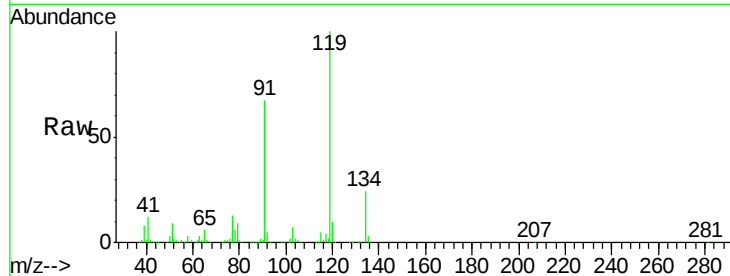
#83
 tert-Butylbenzene
 Concen: 44.790 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. 0.00 min
 Lab File: VN060069.D
 Acq: 12 Feb 2020 12:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.4	32.7	98.1
134	25.8	12.9	38.7

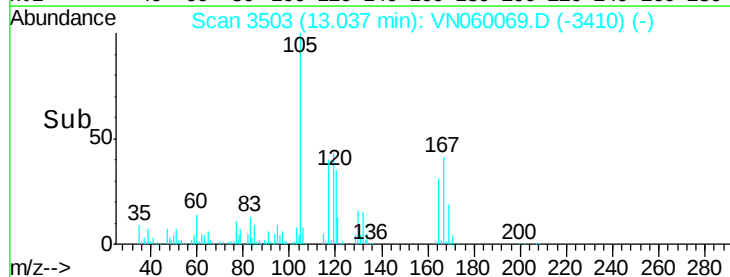
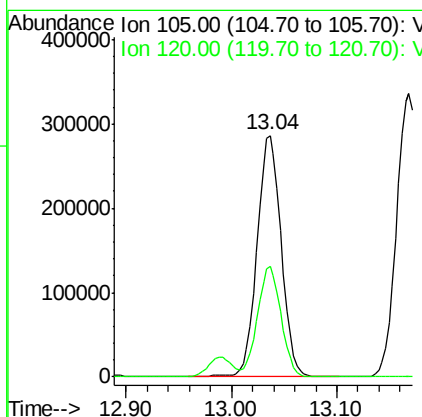
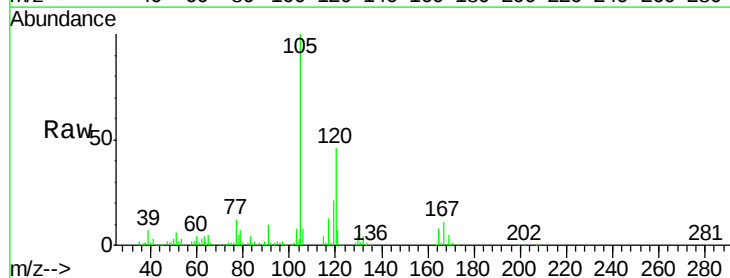
Manual Integrations
 APPROVED

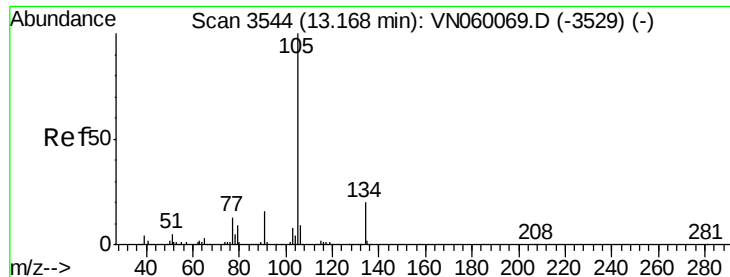
MMDadoda
 2/13/2020 10:37:10 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 48.436 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN060069.D
 Acq: 12 Feb 2020 12:27

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.4	67.3





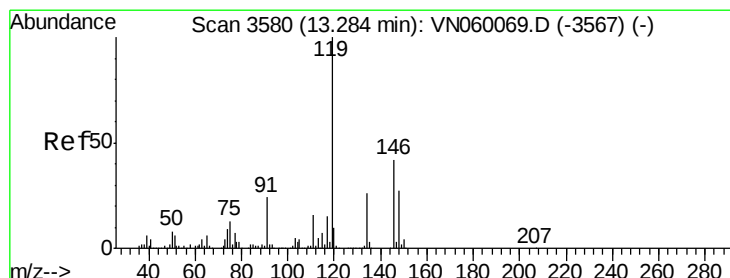
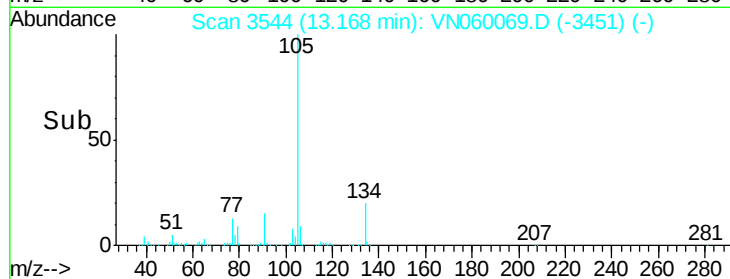
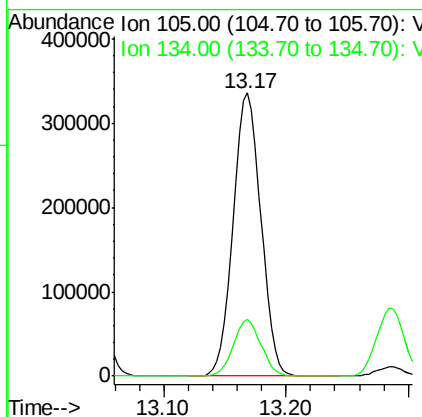
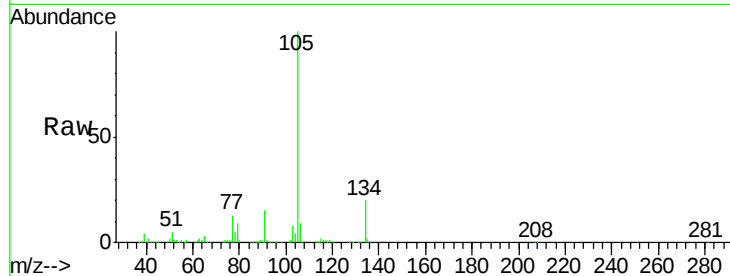
#85
 sec-Butylbenzene
 Concen: 46.683 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN060069.D
 Acq: 12 Feb 2020 12:27

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.8	9.9	29.7

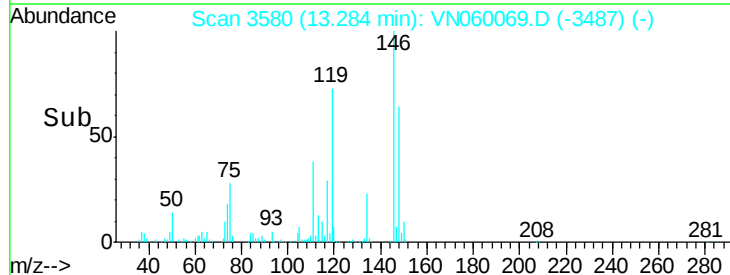
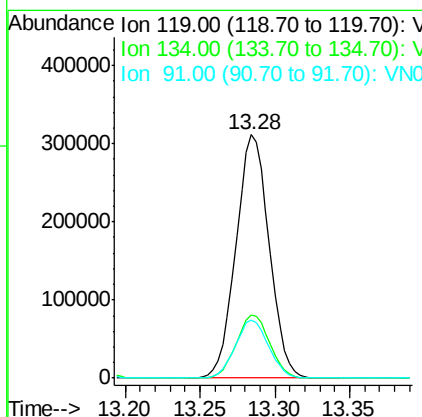
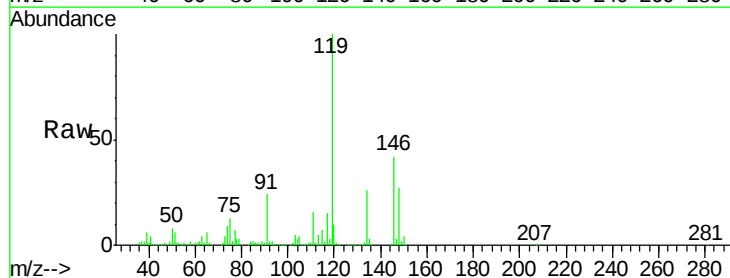
Manual Integrations
 APPROVED

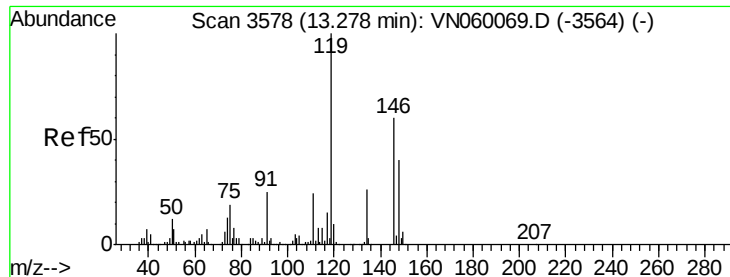
MMDadoda
 2/13/2020 10:37:10 AM



#86
 p-Isopropyltoluene
 Concen: 47.101 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN060069.D
 Acq: 12 Feb 2020 12:27

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.5	13.3	39.8
91	23.9	11.9	35.9





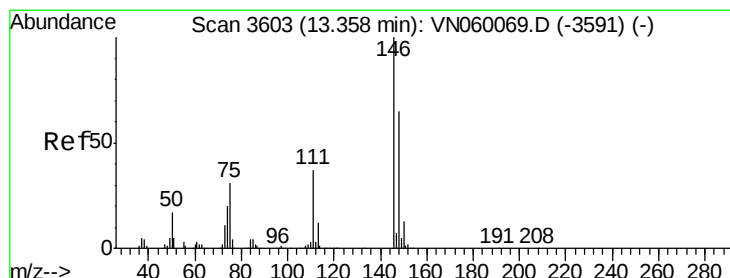
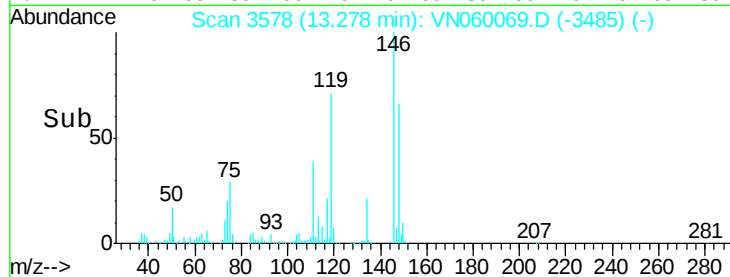
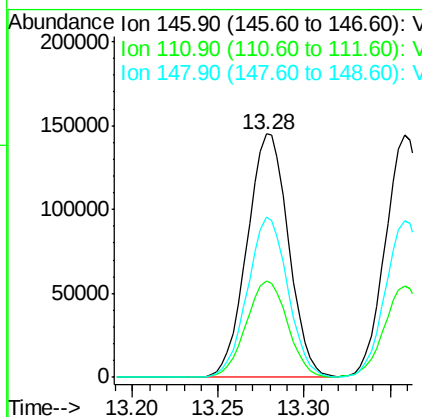
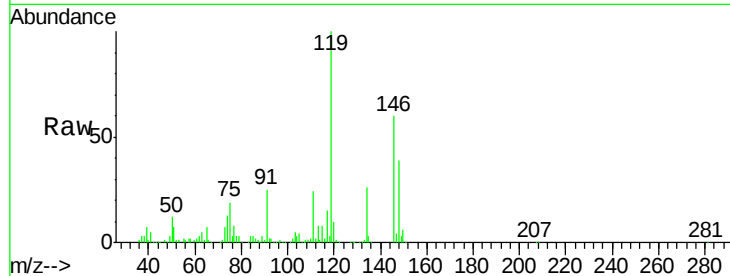
#87
 1,3-Dichlorobenzene
 Concen: 48.176 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN060069.D
 Acq: 12 Feb 2020 12:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.8	59.3
148	64.1	32.0	96.2

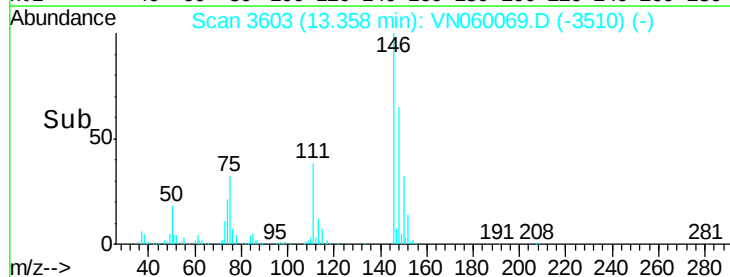
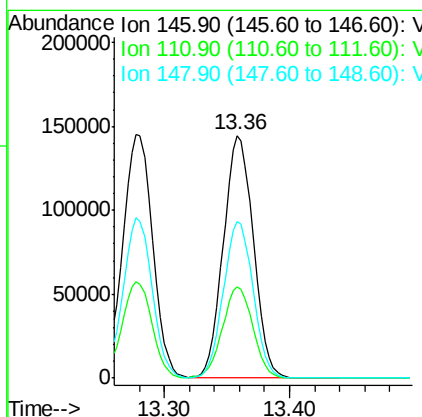
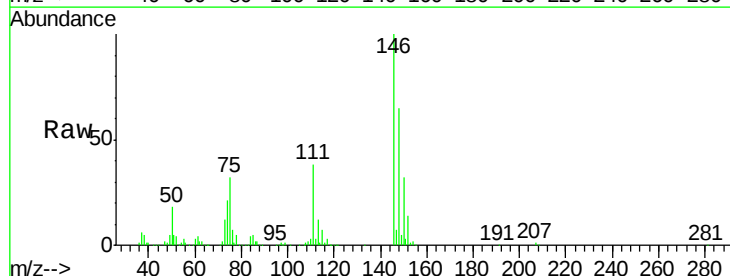
Manual Integrations
 APPROVED

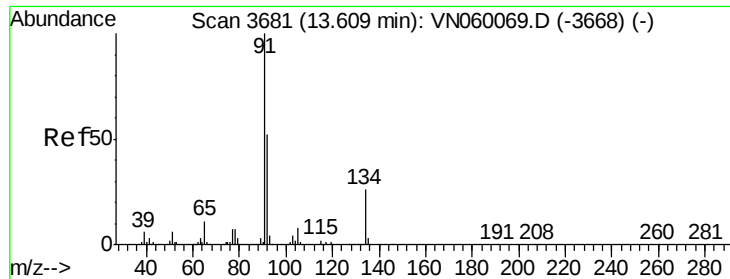
MMDadoda
 2/13/2020 10:37:10 AM



#88
 1,4-Dichlorobenzene
 Concen: 48.110 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN060069.D
 Acq: 12 Feb 2020 12:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.9	56.5
148	64.0	32.0	96.0





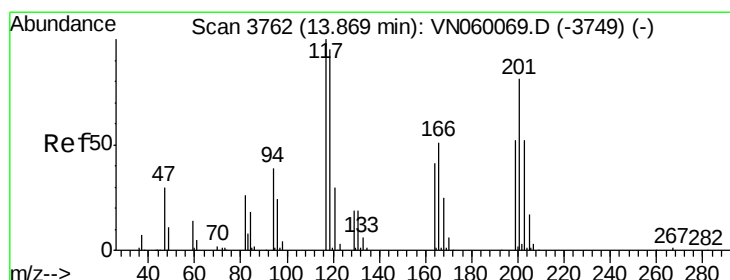
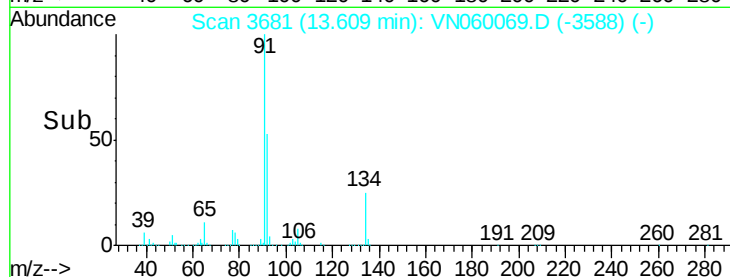
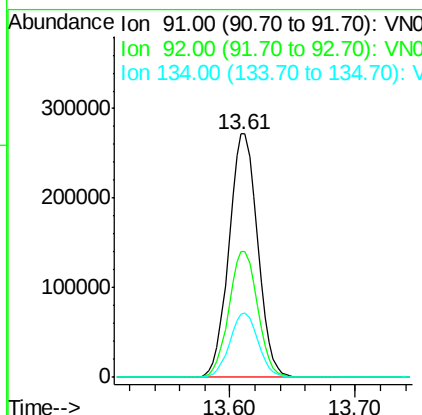
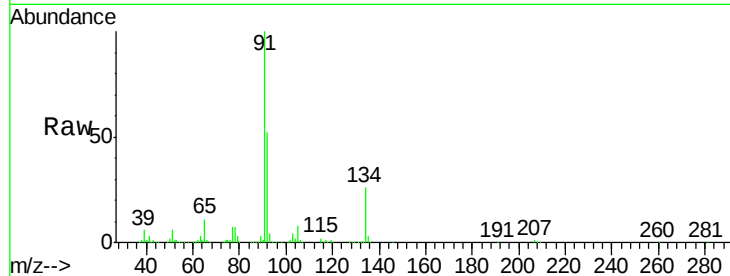
#89
n-Butylbenzene
Concen: 48.870 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. 0.00 min
Lab File: VN060069.D
Acq: 12 Feb 2020 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.1	78.2
134	26.2	13.1	39.3

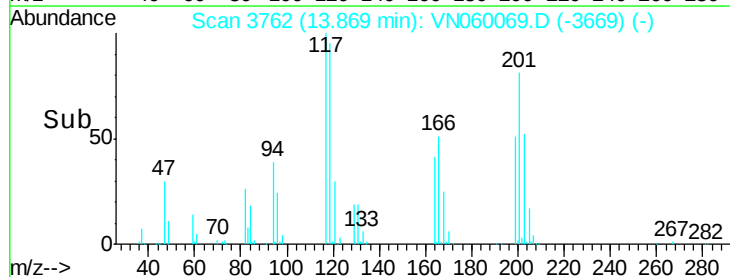
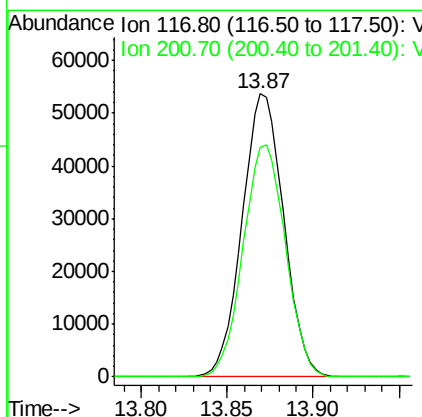
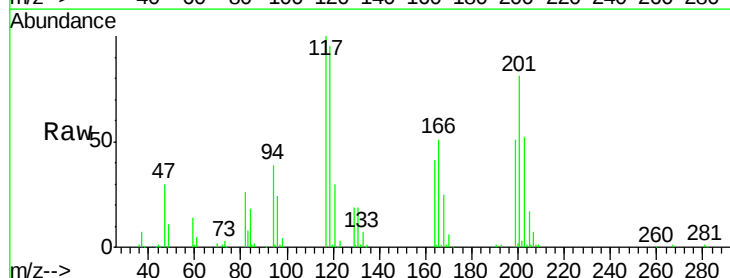
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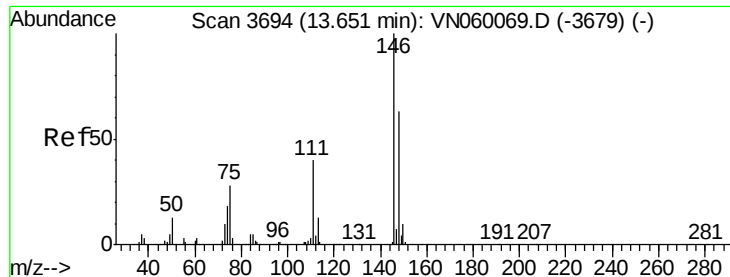
MMDadoda
2/13/2020 10:37:10 AM



#90
Hexachloroethane
Concen: 47.699 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. 0.00 min
Lab File: VN060069.D
Acq: 12 Feb 2020 12:27

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.4	41.7	125.1





#91

1,2-Dichlorobenzene

Concen: 47.098 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN060069.D

Acq: 12 Feb 2020 12:27

Instrument :

MSVOA_N

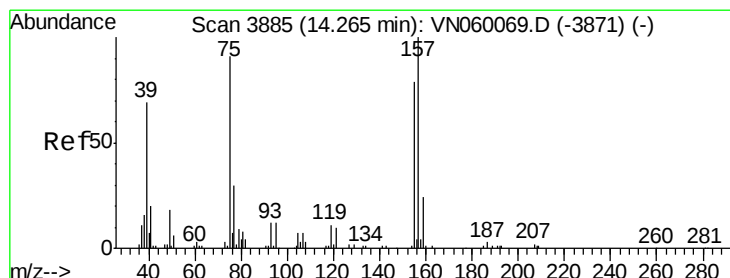
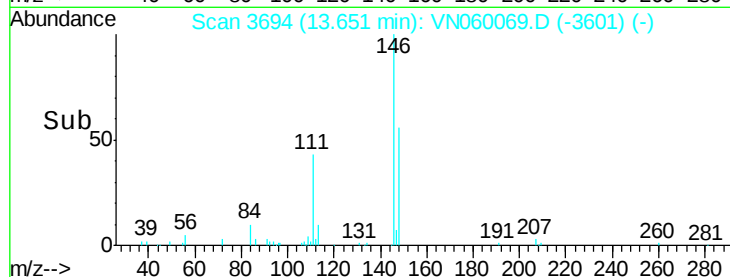
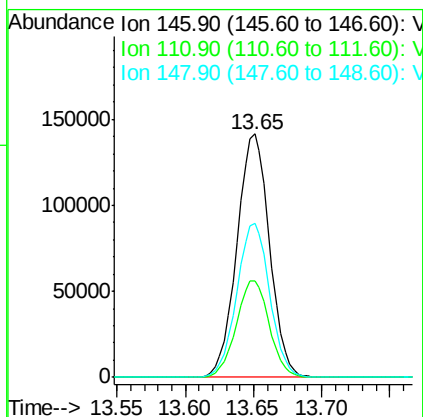
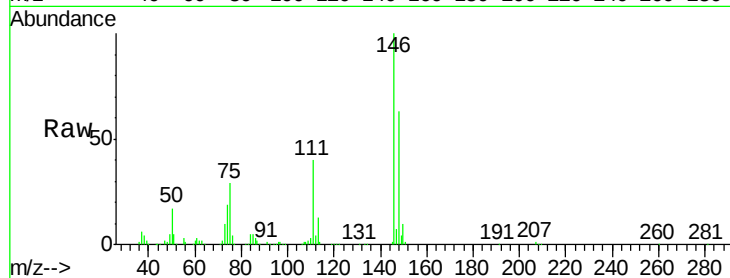
ClientSampleId :

VSTDICCC050

Tot Ion:	146	Resp:	234595
Ion Ratio		Lower	Upper
146	100		
111	40.1	20.1	60.2
148	63.7	31.9	95.5

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#92

1,2-Dibromo-3-Chloropropane

Concen: 44.067 ug/l

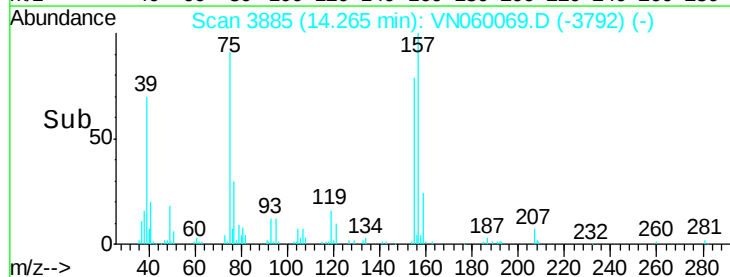
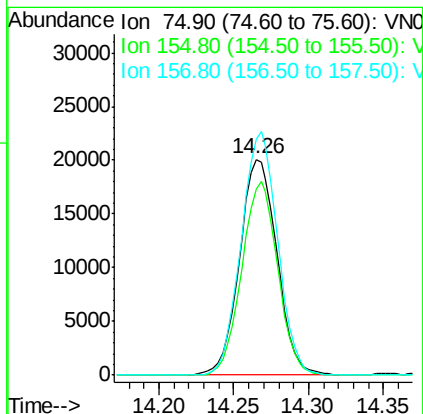
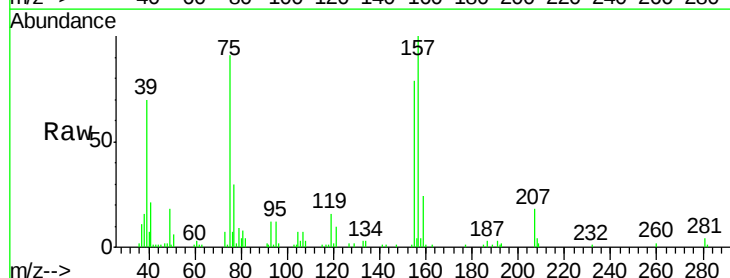
RT: 14.26 min Scan# 3885

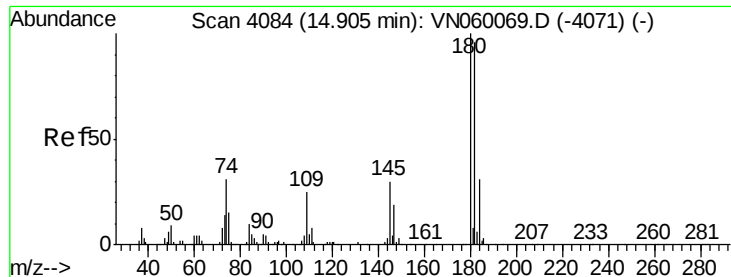
Delta R.T. 0.00 min

Lab File: VN060069.D

Acq: 12 Feb 2020 12:27

Tgt Ion:	75	Resp:	34889
Ion Ratio		Lower	Upper
75	100		
155	86.0	43.0	129.0
157	109.7	54.9	164.5





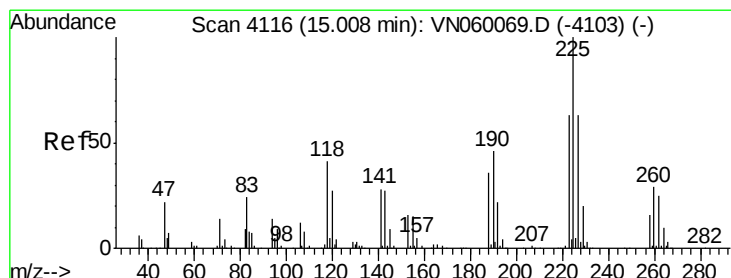
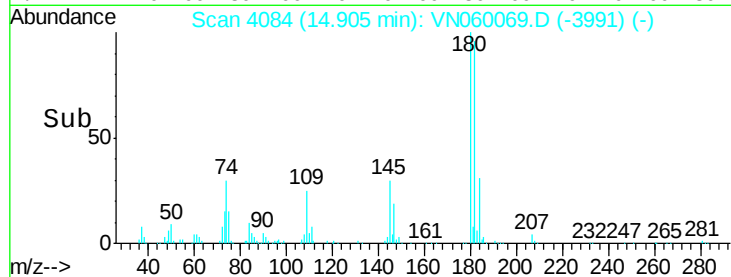
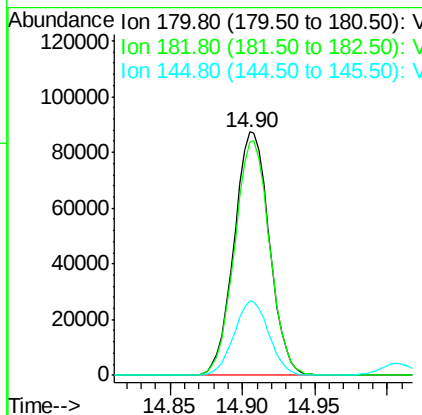
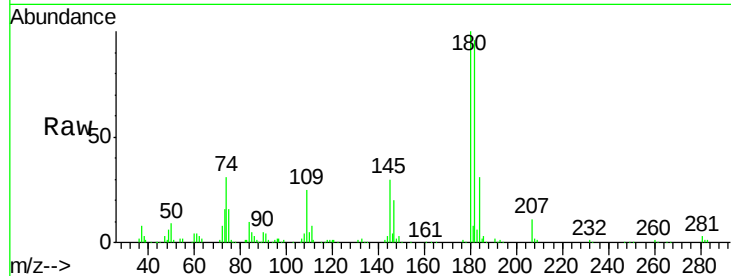
#93
 1,2,4-Trichlorobenzene
 Concen: 53.082 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN060069.D
 Acq: 12 Feb 2020 12:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	147337		
182	95.9	47.9	143.8	
145	30.3	15.2	45.5	

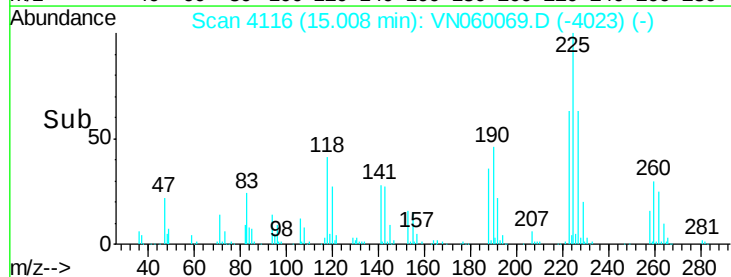
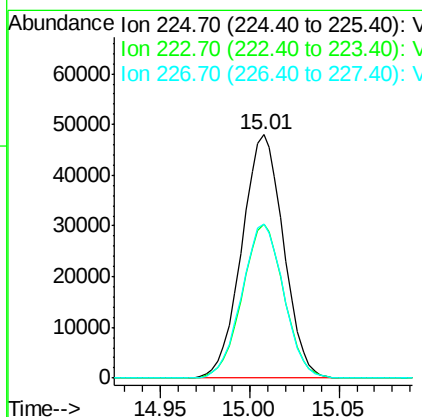
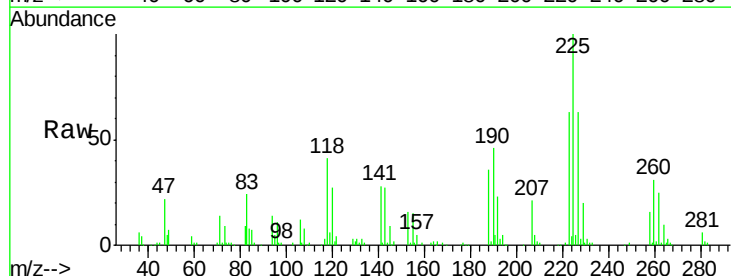
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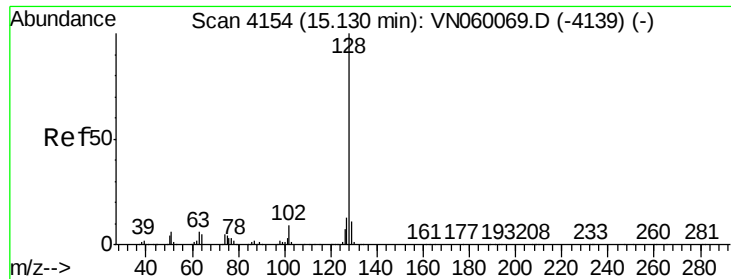
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#94
 Hexachlorobutadiene
 Concen: 44.862 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN060069.D
 Acq: 12 Feb 2020 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	78525		
223	63.0	31.5	94.5	
227	63.6	31.8	95.4	





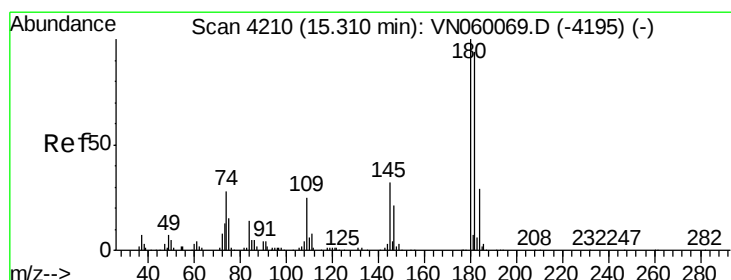
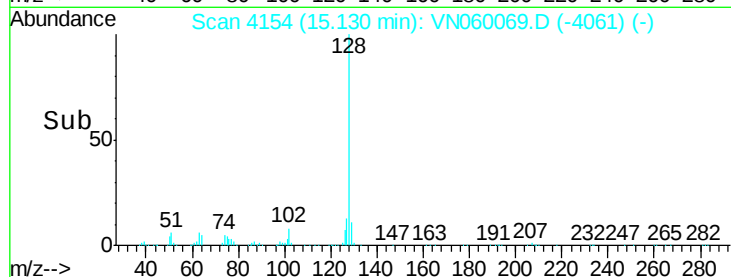
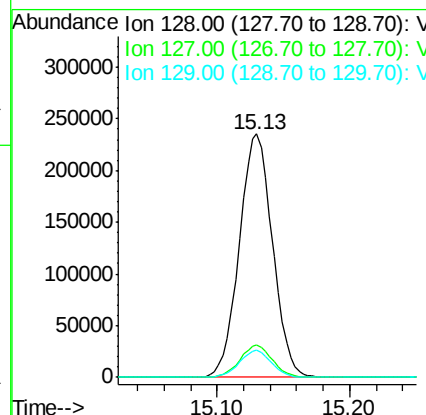
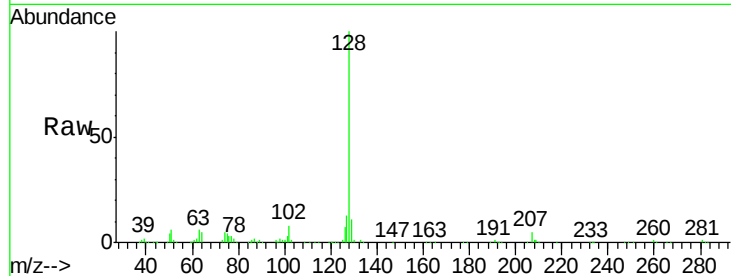
#95
Naphthalene
Concen: 55.811 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060069.D
Acq: 12 Feb 2020 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	408807		
127	12.9		10.3	15.5
129	10.8		8.6	13.0

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#96
1,2,3-Trichlorobenzene
Concen: 50.934 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.00 min
Lab File: VN060069.D
Acq: 12 Feb 2020 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	143081		
182	95.0		47.5	142.5
145	32.2		16.1	48.3

