

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030220\
 Data File : VN060314.D
 Acq On : 2 Mar 2020 16:23
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/3/2020 10:04:04 AM

Quant Time: Mar 03 06:36:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	205387	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	333565	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	314408	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	159260	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	130232	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
35) Dibromofluoromethane	7.56	113	75048	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	
50) Toluene-d8	10.08	98	384063	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
62) 4-Bromofluorobenzene	12.40	95	149062	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	87489	46.460	ug/l	99
3) Chloromethane	2.03	50	156834	47.837	ug/l	99
4) Vinyl Chloride	2.16	62	129752	46.147	ug/l	99
5) Bromomethane	2.54	94	46473	40.611	ug/l	96
6) Chloroethane	2.68	64	69104	45.362	ug/l	97
7) Trichlorofluoromethane	3.00	101	167538	46.637	ug/l	100
8) Diethyl Ether	3.38	74	64453	47.520	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	97129	47.775	ug/l	99
10) Methyl Iodide	3.93	142	82499	44.462	ug/l	98
11) Tert butyl alcohol	4.73	59	96559	246.774	ug/l	99
12) 1,1-Dichloroethene	3.71	96	96028	48.665	ug/l	99
13) Acrolein	3.57	56	97414	266.863	ug/l	100
14) Allyl chloride	4.29	41	163820	45.028	ug/l	91
15) Acrylonitrile	4.94	53	266943	258.828	ug/l	98
16) Acetone	3.78	43	223412	262.539	ug/l	97
17) Carbon Disulfide	4.03	76	245731	46.884	ug/l	99
18) Methyl Acetate	4.28	43	131983	46.476	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	352052	49.141	ug/l	100
20) Methylene Chloride	4.52	84	109112	46.688	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	103470	48.796	ug/l	97
22) Diisopropyl ether	5.91	45	367754	49.902	ug/l	99
23) Vinyl Acetate	5.86	43	1509311	257.738	ug/l	99
24) 1,1-Dichloroethane	5.82	63	205012	49.145	ug/l	100
25) 2-Butanone	6.80	43	360037	261.937	ug/l	100
26) 2,2-Dichloropropane	6.80	77	184100	48.477	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	124011	45.762	ug/l	100
28) Bromochloromethane	7.17	49	80993	47.288	ug/l	98
29) Tetrahydrofuran	7.18	42	239142	250.199	ug/l	99
30) Chloroform	7.35	83	204835	49.326	ug/l	99
31) Cyclohexane	7.63	56	180290	50.663	ug/l	99
32) 1,1,1-Trichloroethane	7.54	97	181603	49.357	ug/l	100
36) 1,1-Dichloropropene	7.77	75	152163	47.864	ug/l	99
37) Ethyl Acetate	6.89	43	153351	50.944	ug/l	100
38) Carbon Tetrachloride	7.75	117	152064	49.129	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	182636	48.726	ug/l	98
40) Benzene	8.02	78	450694	48.709	ug/l	99
41) Methacrylonitrile	7.14	41	63008m	45.333	ug/l	
42) 1,2-Dichloroethane	8.10	62	166093	49.744	ug/l	100
43) Isopropyl Acetate	8.14	43	271153	51.454	ug/l	99
44) Trichloroethene	8.82	130	120129	46.616	ug/l	100
45) 1,2-Dichloropropane	9.10	63	121653	50.287	ug/l	96
46) Dibromomethane	9.19	93	78076	49.739	ug/l	99
47) Bromodichloromethane	9.39	83	162636	50.942	ug/l	97
48) Methyl methacrylate	9.18	41	120420	50.110	ug/l	99
49) 1,4-Dioxane	9.18	88	34240	1013.198	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	781281	261.484	ug/l	100
52) Toluene	10.14	92	285629	49.142	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	190248	48.633	ug/l	98
54) cis-1,3-Dichloropropene	9.82	75	199794	49.288	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	113153	48.411	ug/l	99
56) Ethyl methacrylate	10.42	69	176384	52.527	ug/l	99
57) 1,3-Dichloropropane	10.70	76	190933	50.090	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	459879	261.854	ug/l	99
59) 2-Hexanone	10.74	43	575359	262.269	ug/l	100
60) Dibromochloromethane	10.89	129	123911	52.129	ug/l	98
61) 1,2-Dibromoethane	10.99	107	115129	50.528	ug/l	99
64) Tetrachloroethene	10.62	164	120254	48.536	ug/l	100
65) Chlorobenzene	11.43	112	302186	47.598	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	115448	49.181	ug/l	100
67) Ethyl Benzene	11.51	91	563082	48.703	ug/l	100
68) m/p-Xylenes	11.62	106	420795	96.467	ug/l	100
69) o-Xylene	11.94	106	202896	48.778	ug/l	99
70) Styrene	11.96	104	339011	49.571	ug/l	100
71) Bromoform	12.12	173	87980	52.004	ug/l #	98
73) Isopropylbenzene	12.25	105	556144	47.114	ug/l	99
74) N-amyl acetate	12.07	43	247772	48.035	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	159851	49.818	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	141984m	40.635	ug/l	
77) Bromobenzene	12.52	156	133204	46.035	ug/l	98
78) n-propylbenzene	12.59	91	654837	47.326	ug/l	100
79) 2-Chlorotoluene	12.67	91	380910	46.832	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	473308	47.623	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	62787	49.603	ug/l #	86
82) 4-Chlorotoluene	12.77	91	398601	46.515	ug/l	99
83) tert-Butylbenzene	12.99	119	404390	46.996	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	475053	47.356	ug/l	100
85) sec-Butylbenzene	13.17	105	554075	48.085	ug/l	99
86) p-Isopropyltoluene	13.29	119	501193	46.994	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	244851	49.244	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	243926	49.335	ug/l	100
89) n-Butylbenzene	13.61	91	466902	47.690	ug/l	99
90) Hexachloroethane	13.87	117	76106	49.300	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	236048	46.556	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	33202	45.694	ug/l	98

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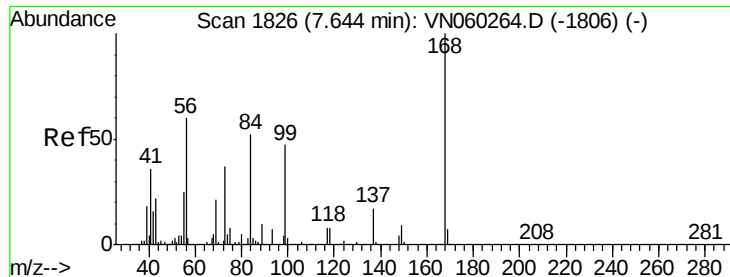
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	156216	48.492	ug/l	100
94) Hexachlorobutadiene	15.01	225	75055	50.688	ug/l	99
95) Naphthalene	15.13	128	454948	47.932	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	147503	48.611	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN060314.D

Acq: 2 Mar 2020 16:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 205387

Ion Ratio Lower Upper

168 100

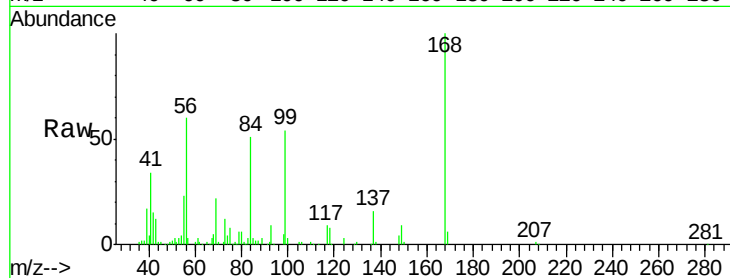
99 54.1 44.7 67.1

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

80000

60000

40000

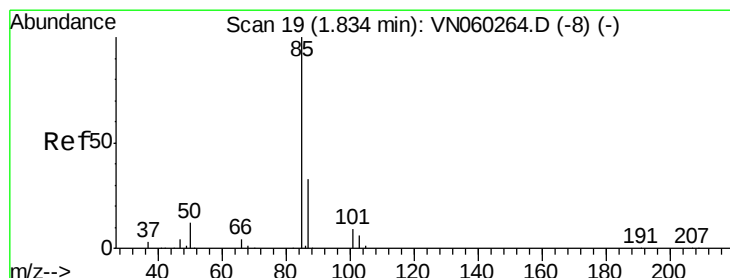
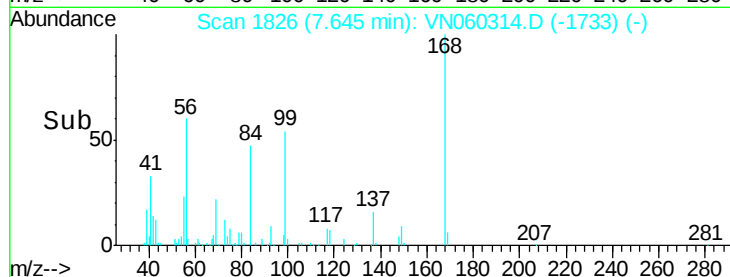
20000

0

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 46.460 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN060314.D

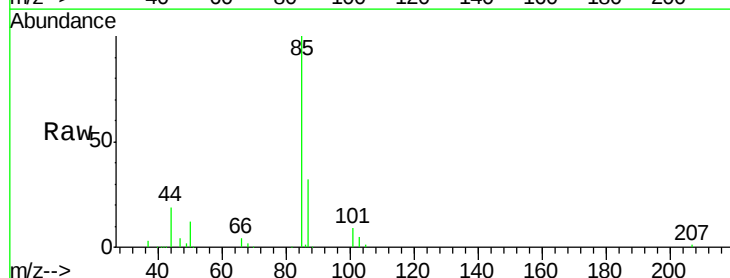
Acq: 2 Mar 2020 16:23

Tgt Ion: 85 Resp: 87489

Ion Ratio Lower Upper

85 100

87 32.2 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

60000

40000

20000

0

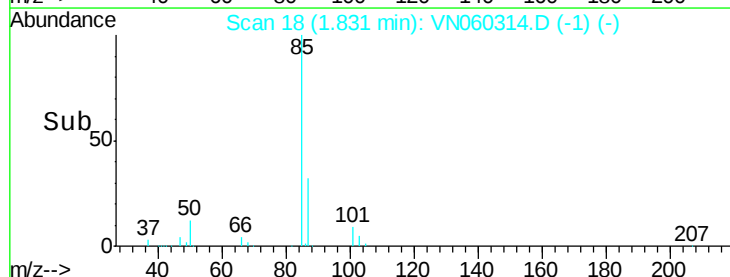
1.75

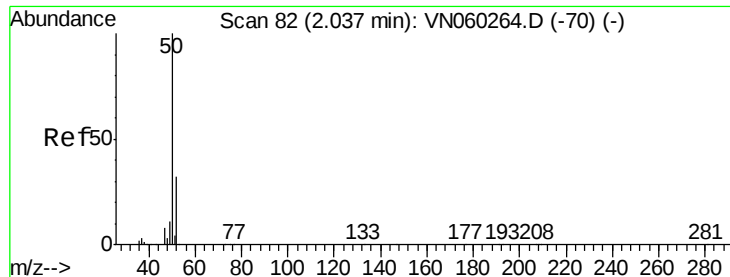
1.80

1.85

1.90

Time-->





#3

Chloromethane

Concen: 47.837 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN060314.D

Acq: 2 Mar 2020 16:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 156834

Ion Ratio Lower Upper

50 100

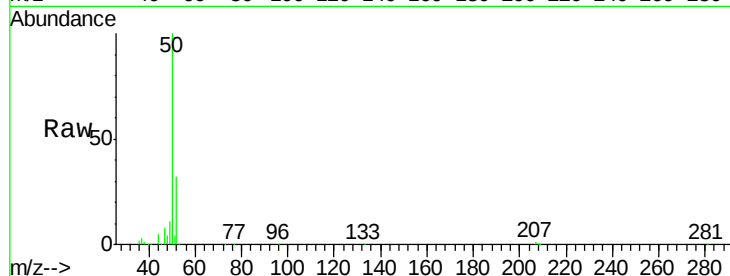
52 32.4 25.6 38.4

Manual Integrations

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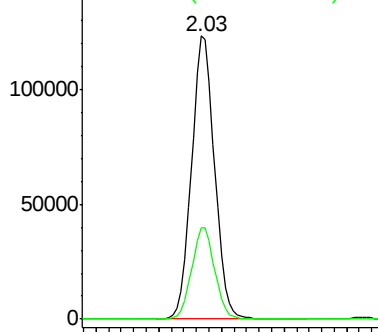
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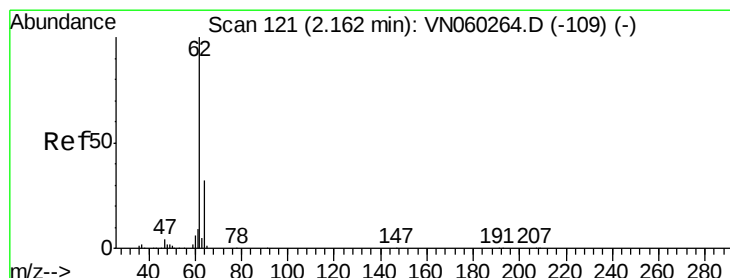
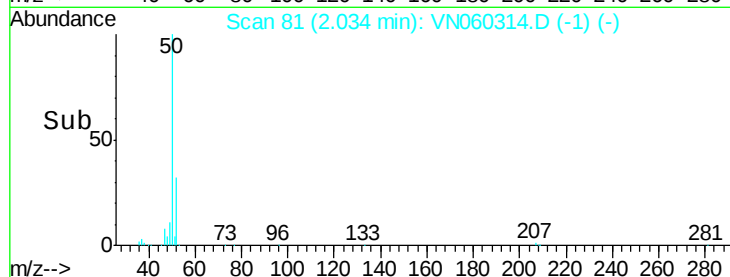


Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



Time--> 1.95 2.00 2.05 2.10 2.15



#4

Vinyl Chloride

Concen: 46.147 ug/l

RT: 2.16 min Scan# 121

Delta R.T. 0.00 min

Lab File: VN060314.D

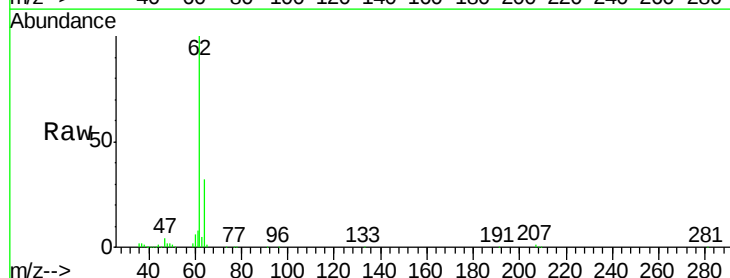
Acq: 2 Mar 2020 16:23

Tgt Ion: 62 Resp: 129752

Ion Ratio Lower Upper

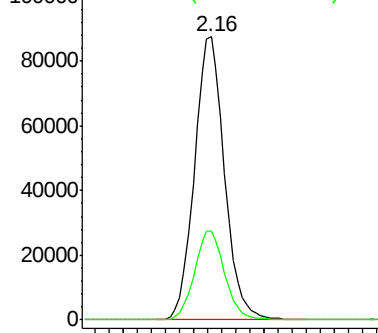
62 100

64 31.6 25.5 38.3

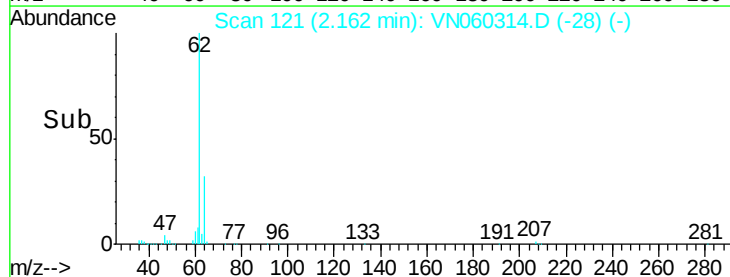


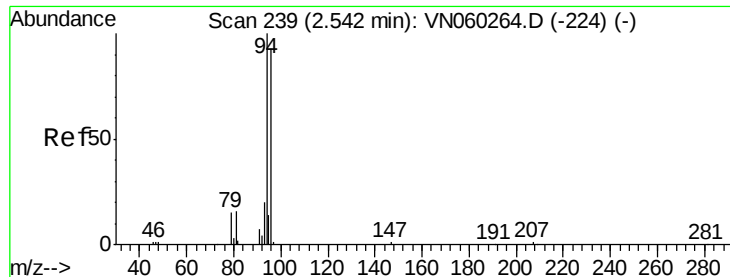
Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0



Time--> 2.10 2.15 2.20 2.25





#5

Bromomethane

Concen: 40.611 ug/l

RT: 2.54 min Scan# 238

Delta R.T. -0.00 min

Lab File: VN060314.D

Acq: 2 Mar 2020 16:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 46473

Ion Ratio Lower Upper

94 100

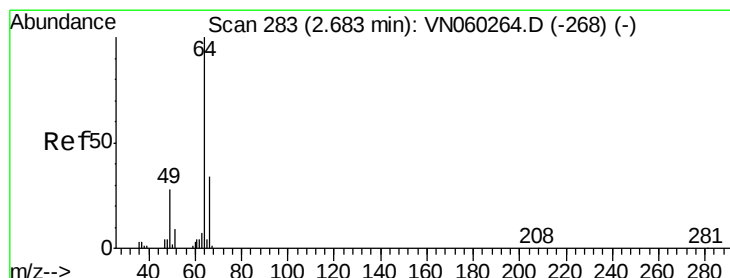
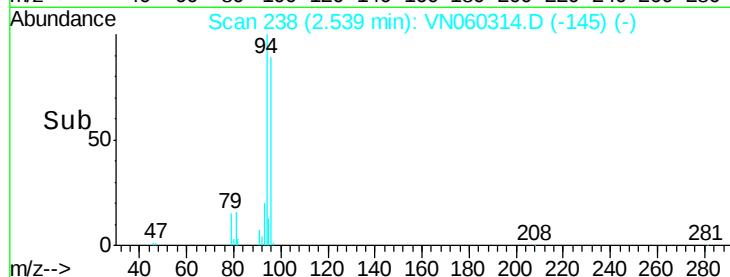
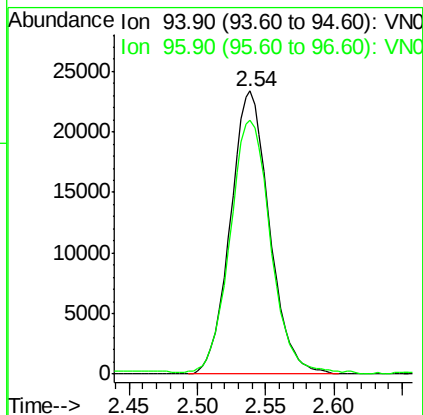
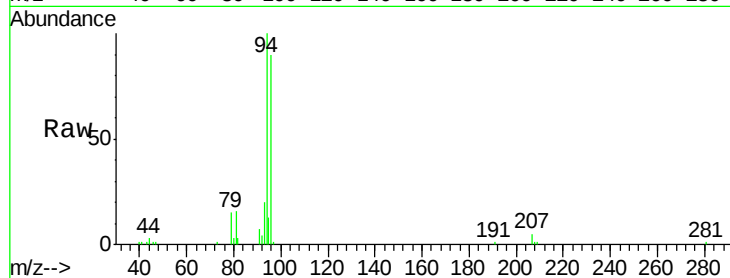
96 88.8 74.3 111.5

Manual Integrations

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#6

Chloroethane

Concen: 45.362 ug/l

RT: 2.68 min Scan# 282

Delta R.T. -0.00 min

Lab File: VN060314.D

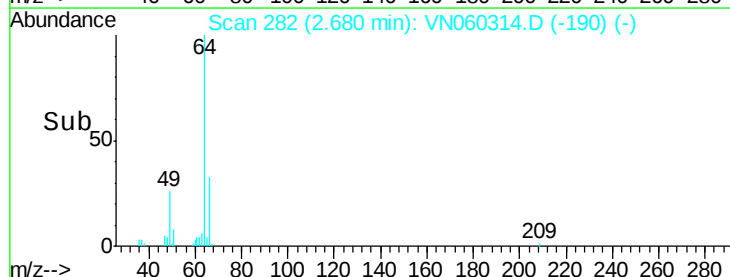
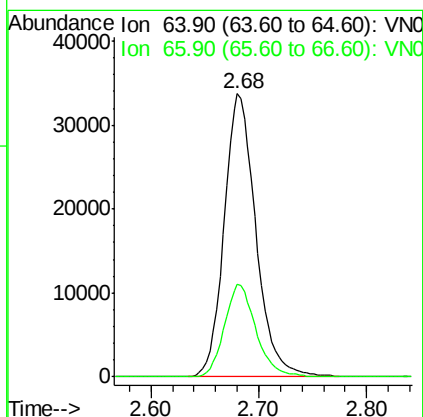
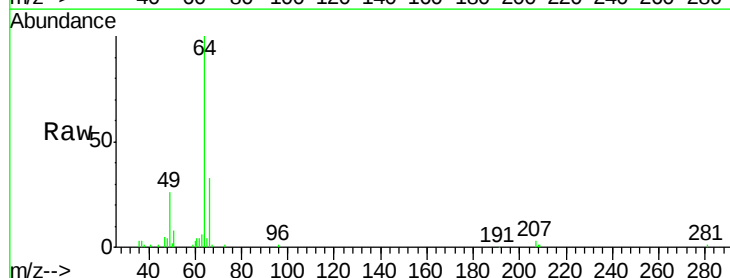
Acq: 2 Mar 2020 16:23

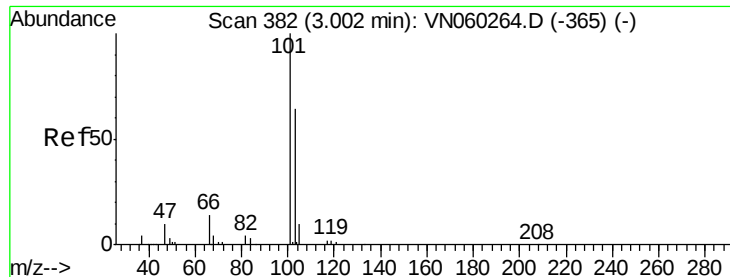
Tgt Ion: 64 Resp: 69104

Ion Ratio Lower Upper

64 100

66 32.8 27.4 41.2





#7

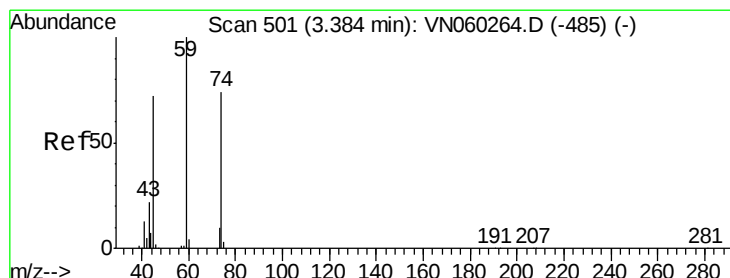
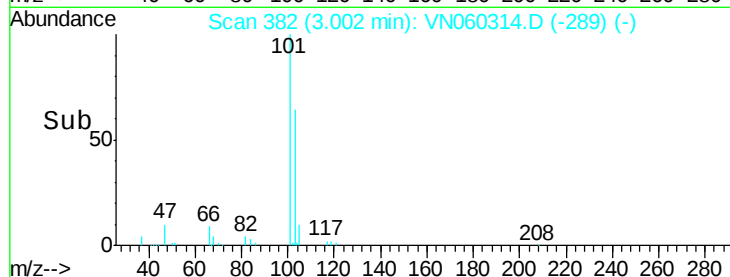
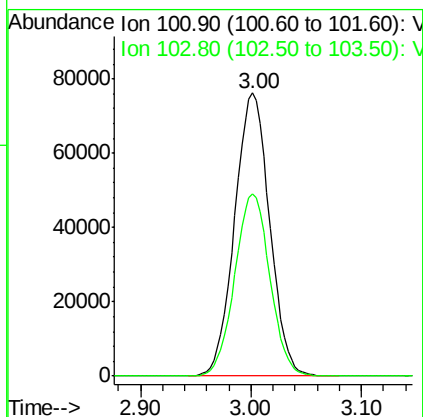
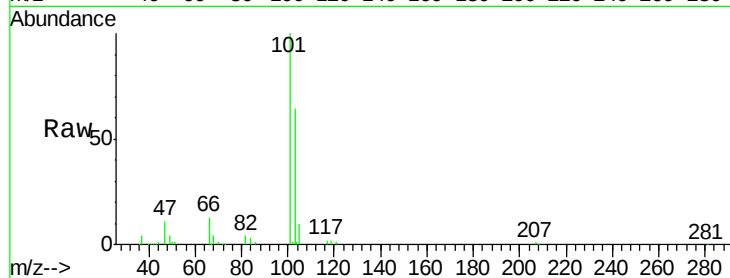
Trichlorofluoromethane
Concen: 46.637 ug/l
RT: 3.00 min Scan# 382
Delta R.T. 0.00 min
Lab File: VN060314.D
Acq: 2 Mar 2020 16:23

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		167538		
103	64.3	51.3	76.9		

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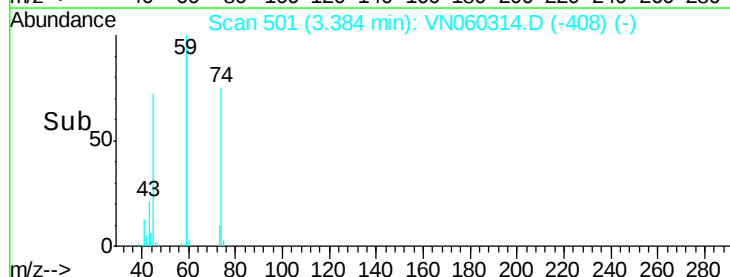
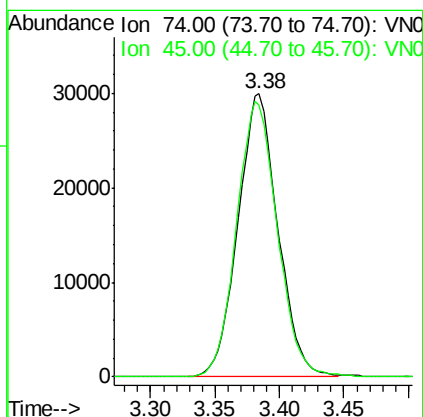
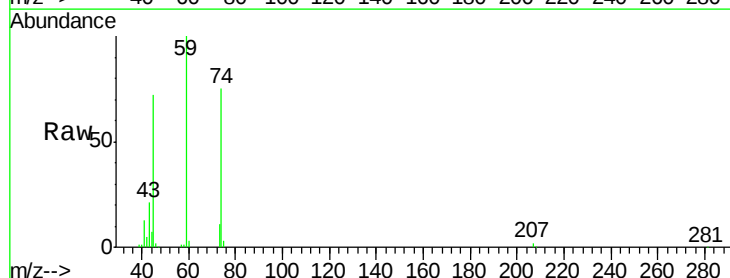
MMDadoda
3/3/2020 10:04:04 AM



#8

Diethyl Ether
Concen: 47.520 ug/l
RT: 3.38 min Scan# 501
Delta R.T. 0.00 min
Lab File: VN060314.D
Acq: 2 Mar 2020 16:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		64453		
45	99.6	49.5	148.7		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.775 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN060314.D

Acq: 2 Mar 2020 16:23

Instrument :

MSVOA_N

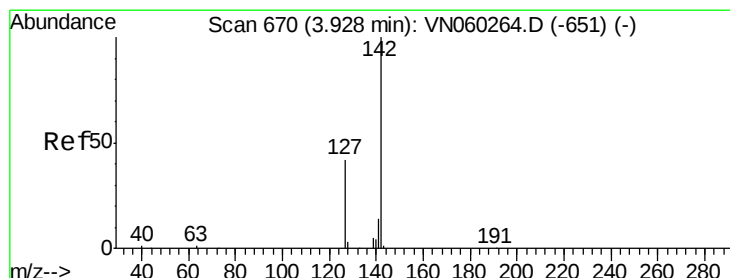
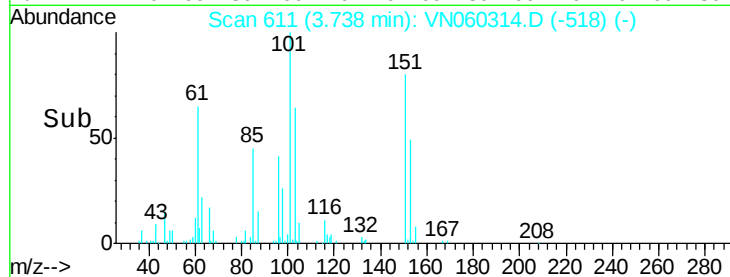
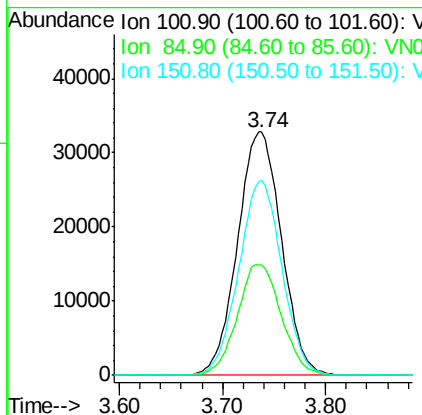
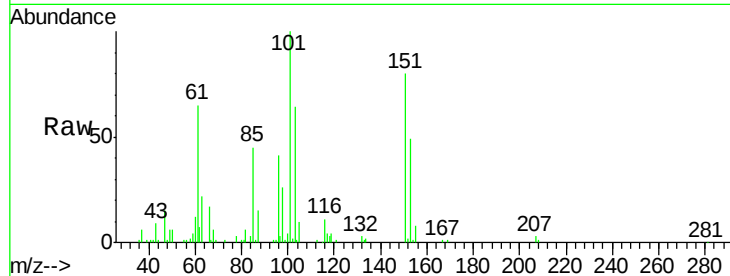
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	97129
Ion Ratio	Lower	Upper	
101	100		
85	45.4	35.4	53.2
151	78.7	62.0	93.0

Manual Integrations
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#10

Methyl Iodide

Concen: 44.462 ug/l

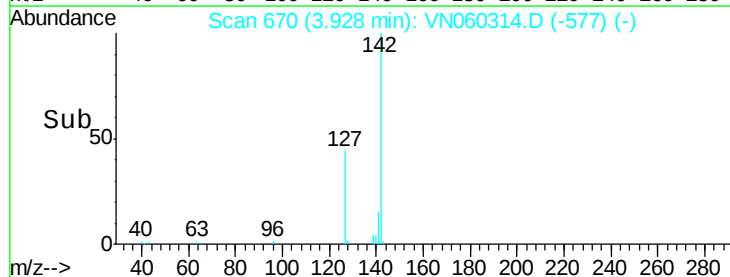
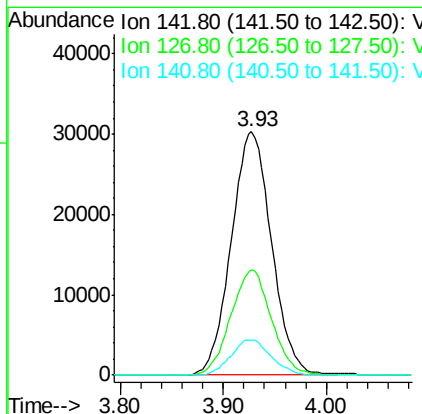
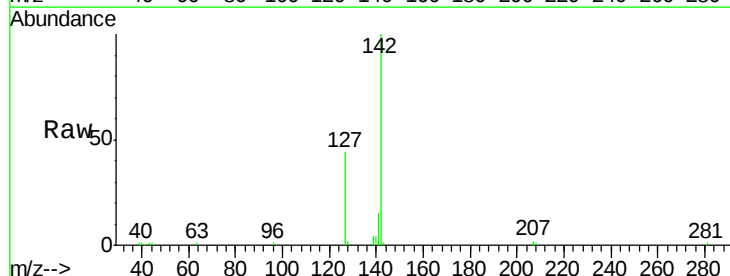
RT: 3.93 min Scan# 670

Delta R.T. 0.00 min

Lab File: VN060314.D

Acq: 2 Mar 2020 16:23

Tgt Ion:	142	Resp:	82499
Ion Ratio	Lower	Upper	
142	100		
127	43.4	33.8	50.6
141	14.4	11.1	16.7





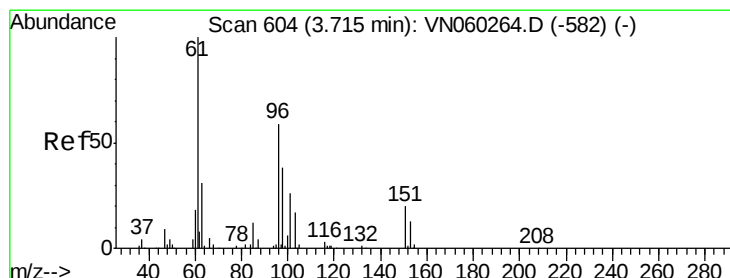
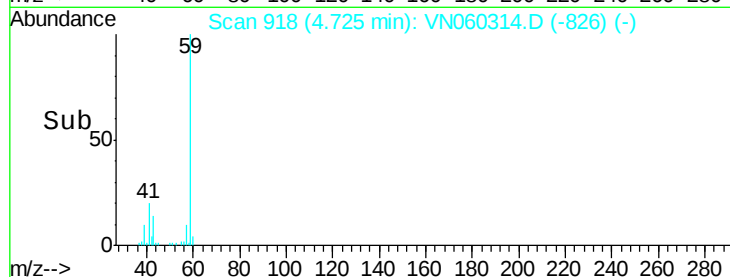
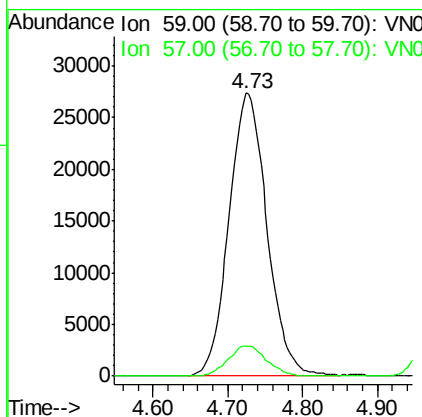
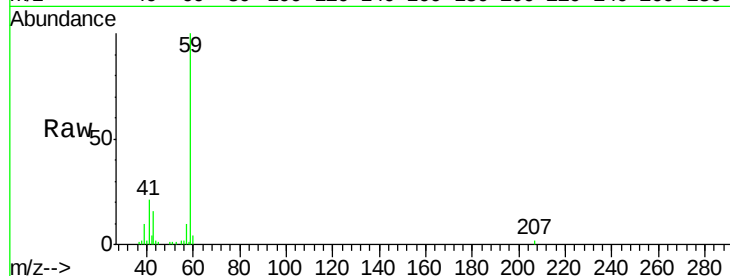
#11
Tert butyl alcohol
Concen: 246.774 ug/l
RT: 4.73 min Scan# 918
Delta R.T. -0.00 min
Lab File: VN060314.D
Acq: 2 Mar 2020 16:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.2	12.2

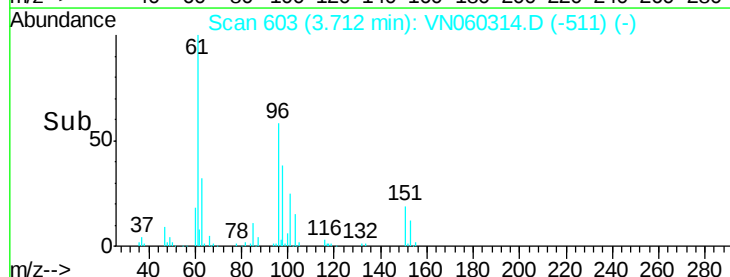
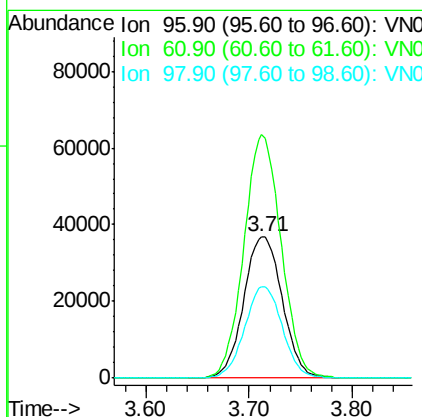
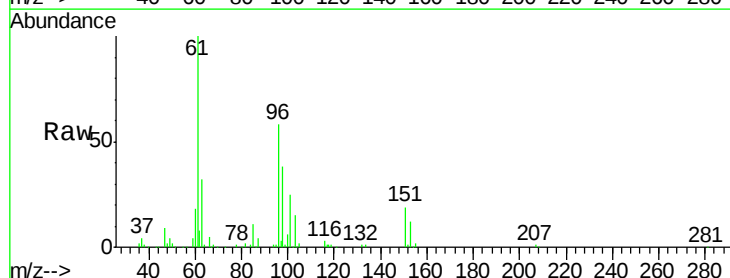
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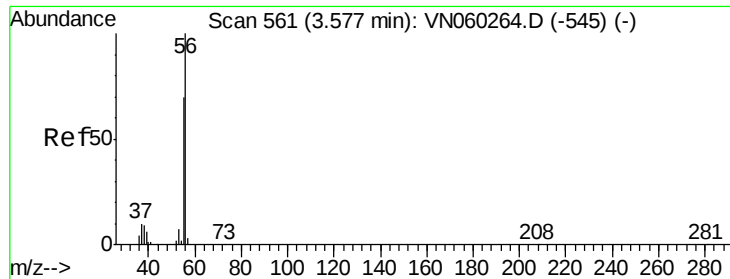
MMDadoda
3/3/2020 10:04:04 AM



#12
1,1-Dichloroethene
Concen: 48.665 ug/l
RT: 3.71 min Scan# 603
Delta R.T. -0.00 min
Lab File: VN060314.D
Acq: 2 Mar 2020 16:23

Tgt Ion	Ratio	Lower	Upper
96	100		
61	171.7	135.4	203.0
98	64.8	51.6	77.4





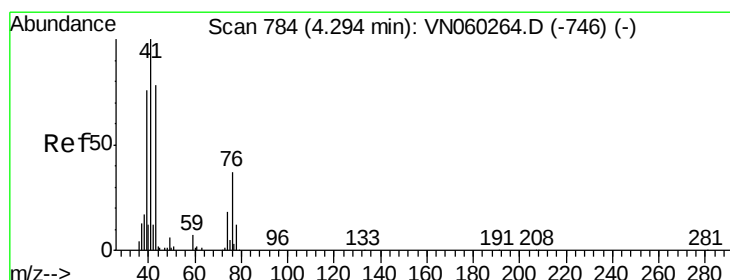
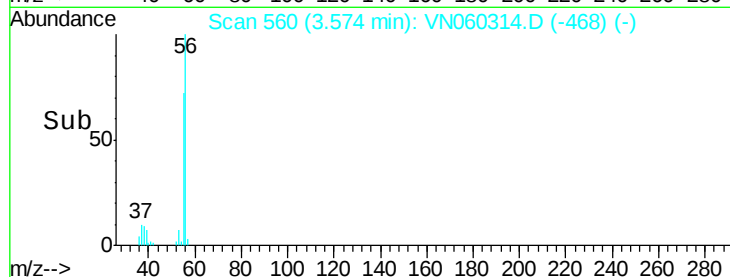
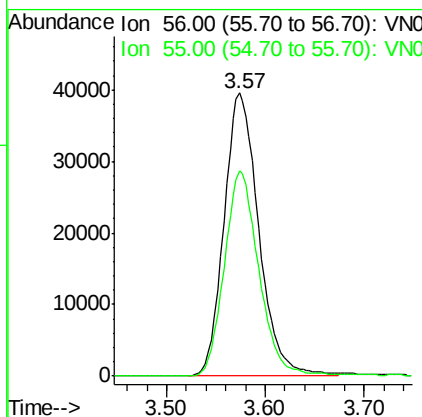
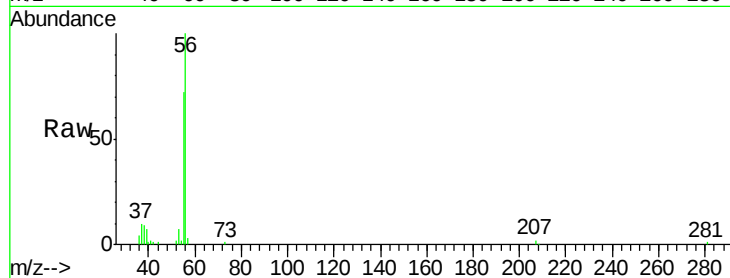
#13
Acrolein
Concen: 266.863 ug/l
RT: 3.57 min Scan# 560
Delta R.T. -0.00 min
Lab File: VN060314.D
Acq: 2 Mar 2020 16:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	97414
Ion Ratio	Lower	Upper	
56	100		
55	71.8	57.4	86.0

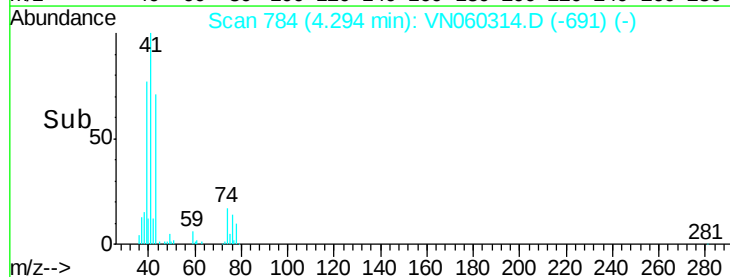
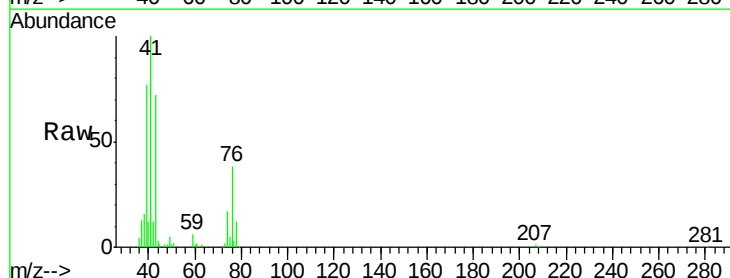
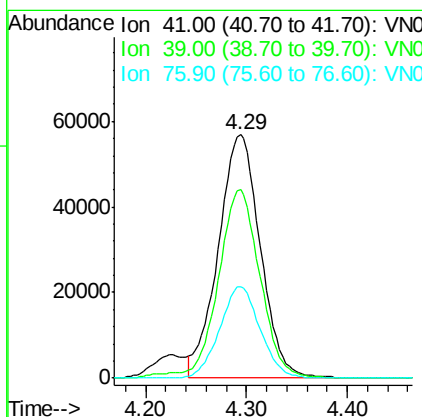
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#14
Allyl chloride
Concen: 45.028 ug/l
RT: 4.29 min Scan# 784
Delta R.T. 0.00 min
Lab File: VN060314.D
Acq: 2 Mar 2020 16:23

Tgt Ion	41	Resp	163820
Ion Ratio	Lower	Upper	
41	100		
39	77.9	55.4	83.2
76	36.5	27.0	40.6





#15

Acrylonitrile

Concen: 258.828 ug/l

RT: 4.94 min Scan# 985

Delta R.T. -0.00 min

Lab File: VN060314.D

Acq: 2 Mar 2020 16:23

Instrument :

MSVOA_N

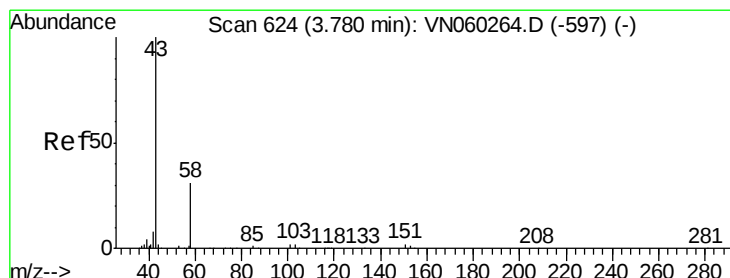
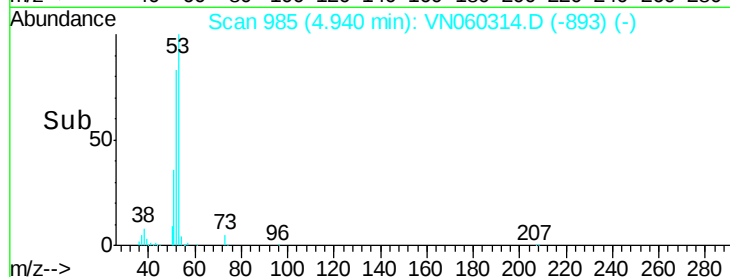
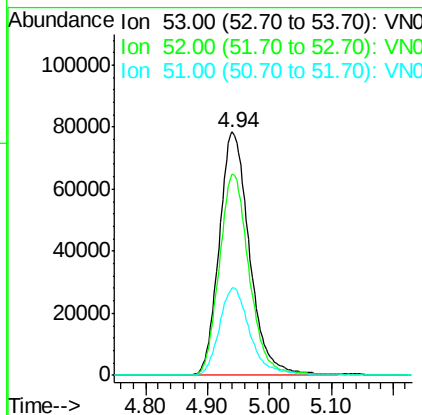
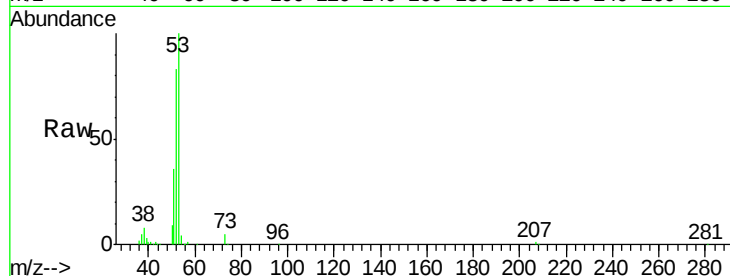
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	266943
Ion	Ratio	Lower	Upper
53	100		
52	81.4	66.8	100.2
51	36.3	29.0	43.6

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#16

Acetone

Concen: 262.539 ug/l

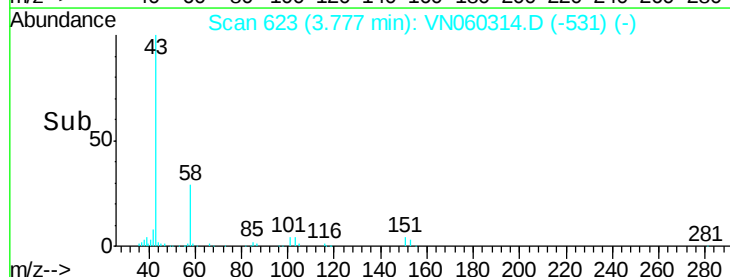
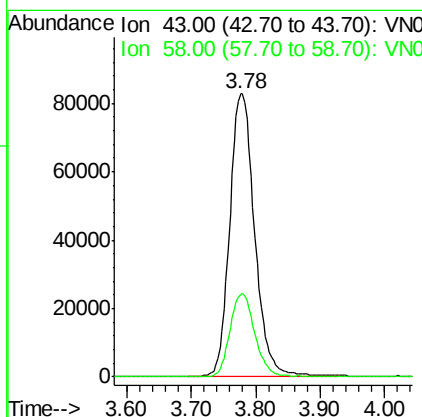
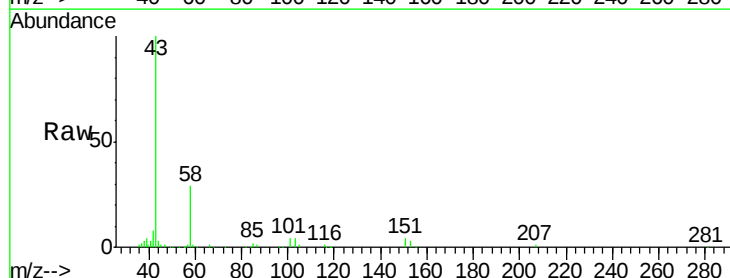
RT: 3.78 min Scan# 623

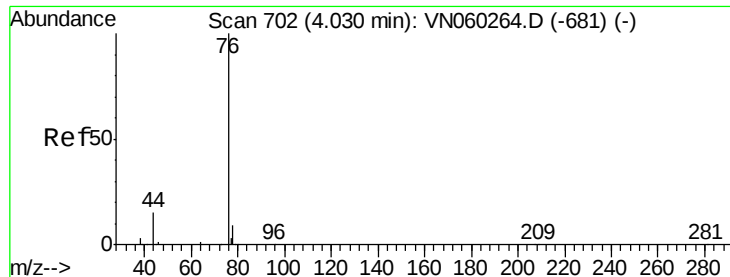
Delta R.T. -0.00 min

Lab File: VN060314.D

Acq: 2 Mar 2020 16:23

Tgt Ion:	43	Resp:	223412
Ion	Ratio	Lower	Upper
43	100		
58	29.2	24.6	36.8





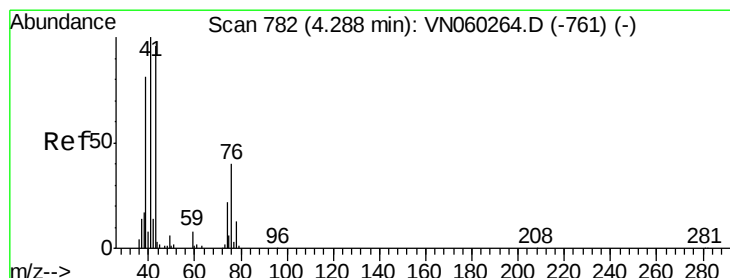
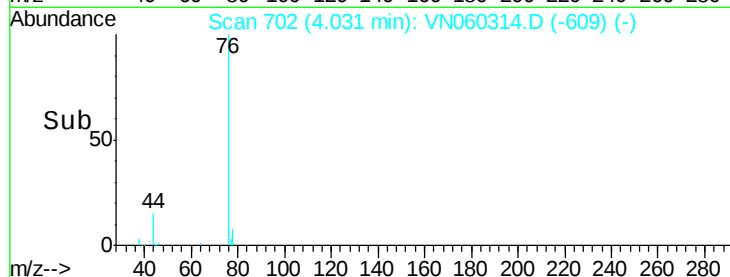
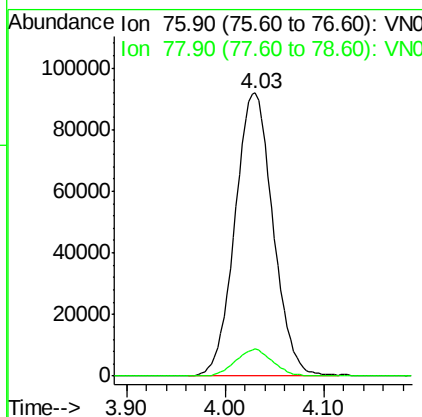
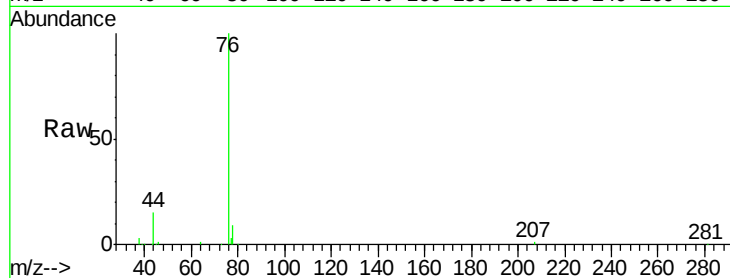
#17
Carbon Disulfide
Concen: 46.884 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN060314.D
Acq: 2 Mar 2020 16:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.4	11.0

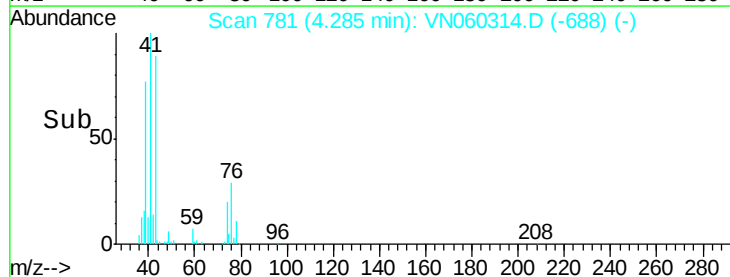
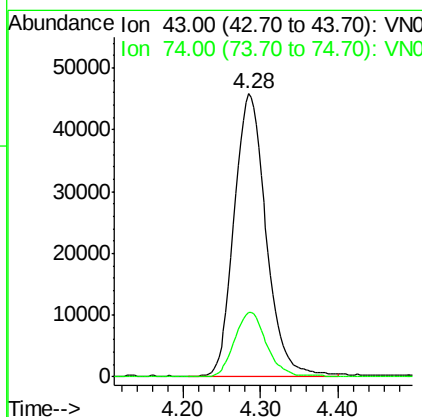
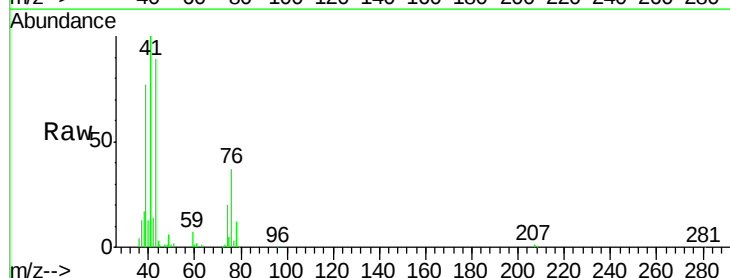
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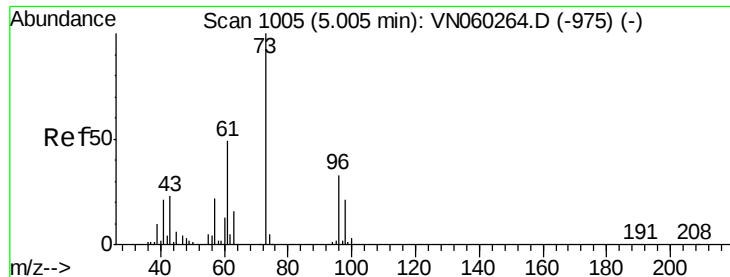
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#18
Methyl Acetate
Concen: 46.476 ug/l
RT: 4.28 min Scan# 781
Delta R.T. -0.00 min
Lab File: VN060314.D
Acq: 2 Mar 2020 16:23

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.8	18.8	28.2





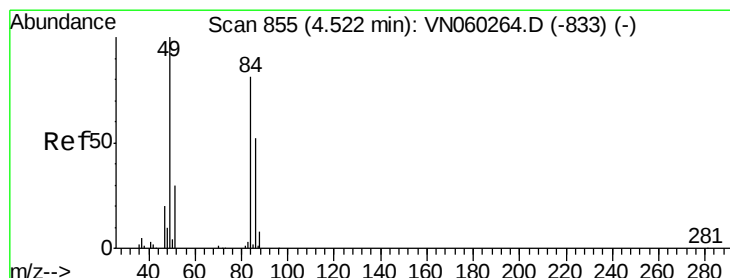
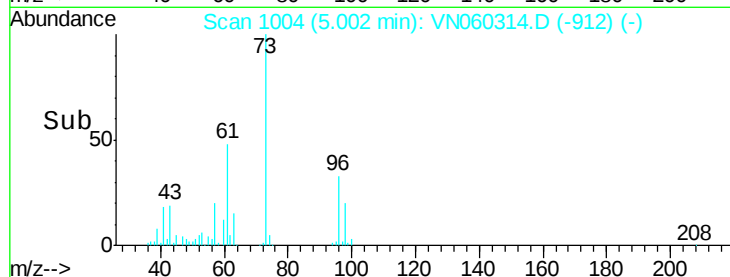
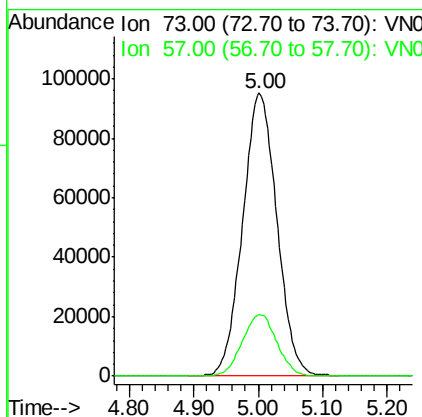
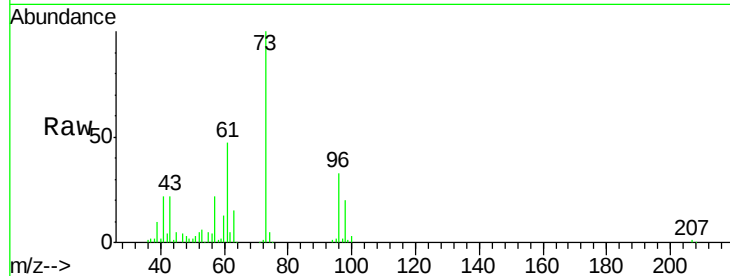
#19
Methvl tert-butvl Ether
Concen: 49.141 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. -0.00 min
Lab File: VN060314.D
Acq: 2 Mar 2020 16:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 352052
Ion Ratio Lower Upper
73 100
57 21.7 17.3 25.9

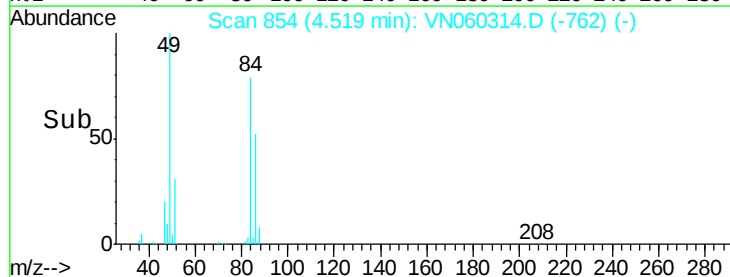
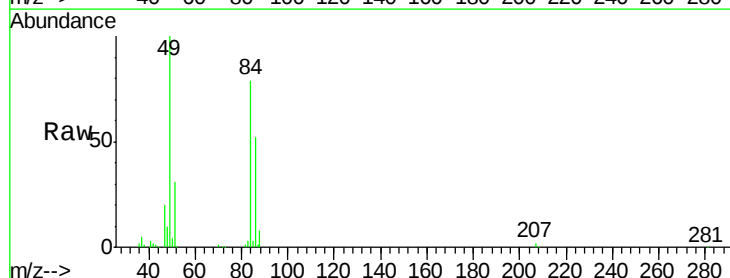
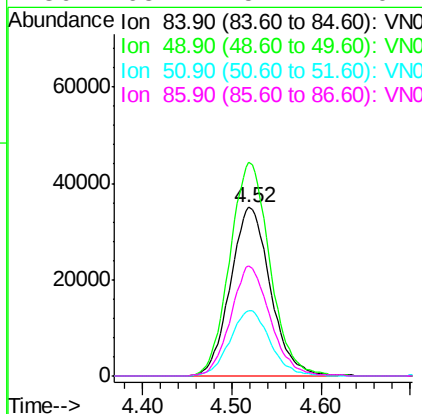
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#20
Methylene Chloride
Concen: 46.688 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060314.D
Acq: 2 Mar 2020 16:23

Tgt Ion: 84 Resp: 109112
Ion Ratio Lower Upper
84 100
49 126.6 99.3 148.9
51 38.9 30.1 45.1
86 65.2 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 48.796 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN060314.D

Acq: 2 Mar 2020 16:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 103470

Ion Ratio Lower Upper

96 100

61 145.5 113.8 170.8

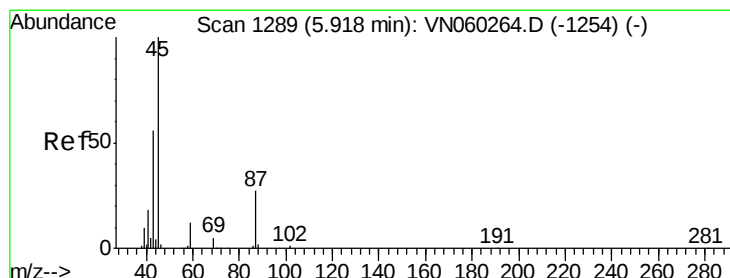
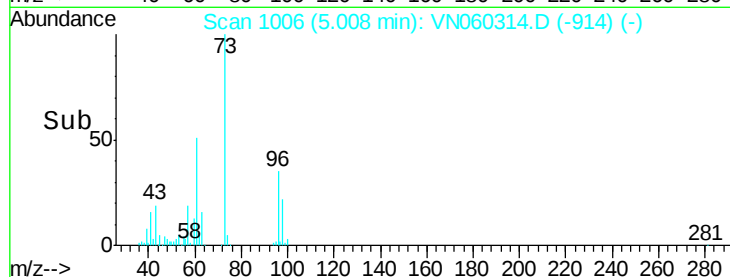
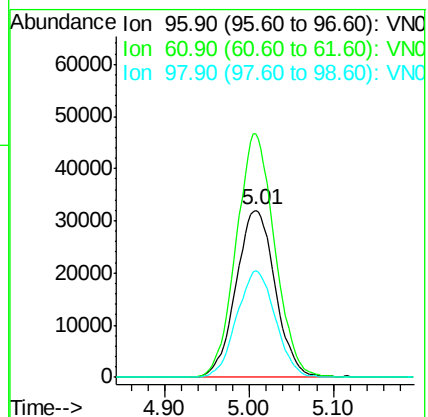
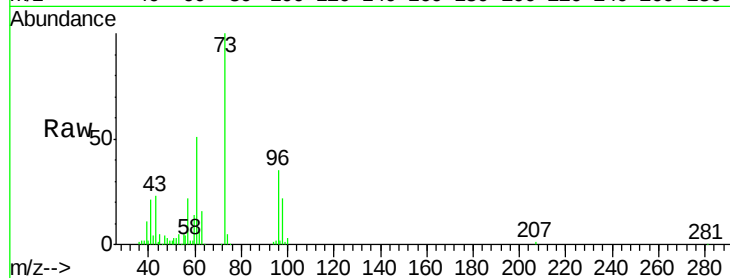
98 63.7 48.8 73.2

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#22

Diisopropyl ether

Concen: 49.902 ug/l

RT: 5.91 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VN060314.D

Acq: 2 Mar 2020 16:23

Tgt Ion: 45 Resp: 367754

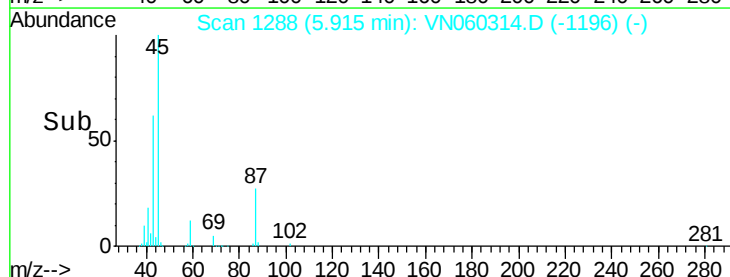
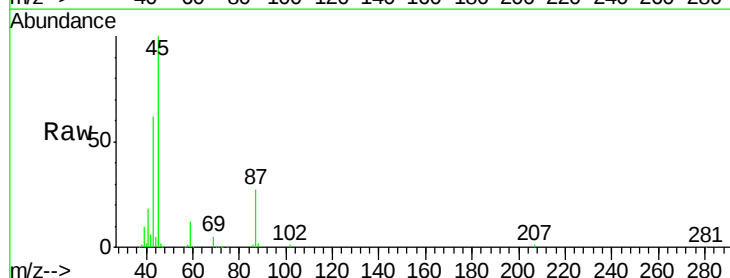
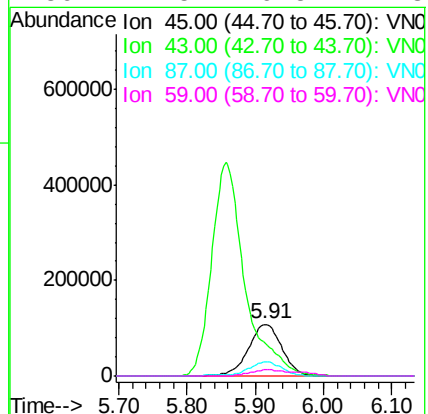
Ion Ratio Lower Upper

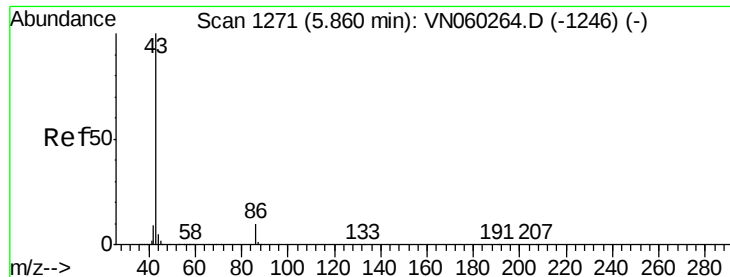
45 100

43 61.2 48.6 72.8

87 27.4 22.2 33.2

59 11.5 9.5 14.3





#23

Vinyl Acetate

Concen: 257.738 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VN060314.D

Acq: 2 Mar 2020 16:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1509311

Ion Ratio Lower Upper

43 100

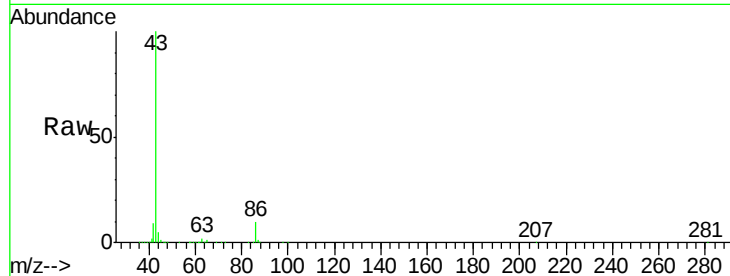
86 9.8 8.0 12.0

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.86

400000

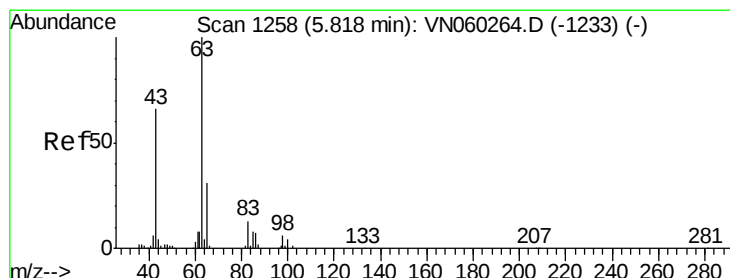
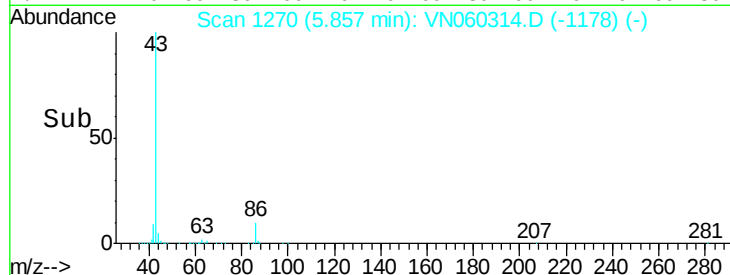
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.145 ug/l

RT: 5.82 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN060314.D

Acq: 2 Mar 2020 16:23

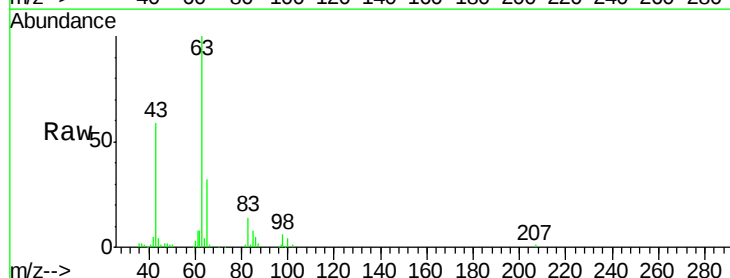
Tgt Ion: 63 Resp: 205012

Ion Ratio Lower Upper

63 100

98 6.0 3.0 9.0

100 4.0 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

5.82

80000

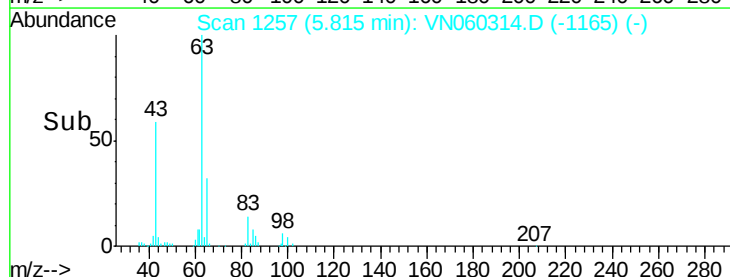
60000

40000

20000

0

Time-->





#25

2-Butanone

Concen: 261.937 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060314.D

Acq: 2 Mar 2020 16:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 360037

Ion Ratio Lower Upper

43 100

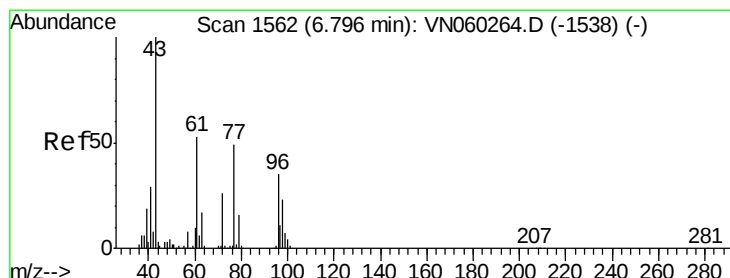
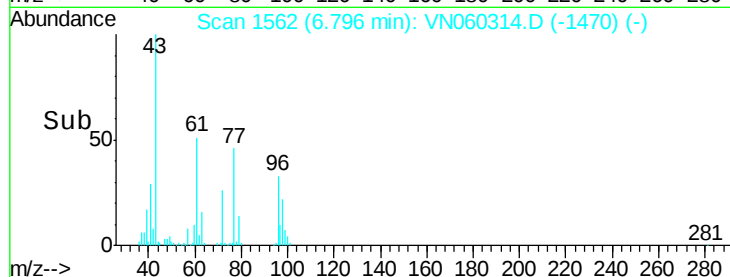
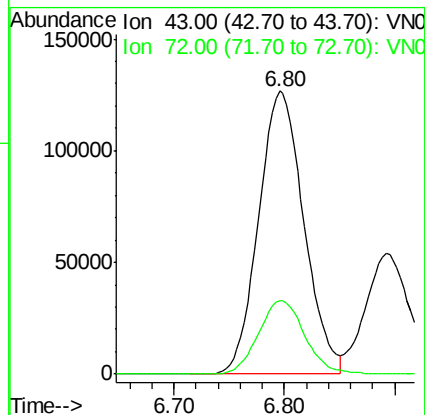
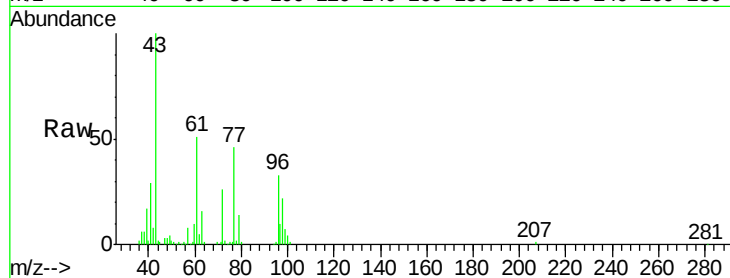
72 26.1 20.9 31.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 48.477 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. 0.00 min

Lab File: VN060314.D

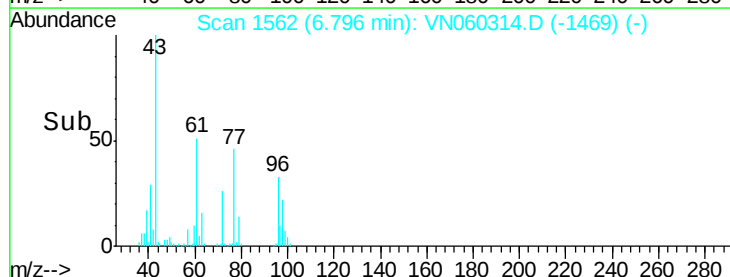
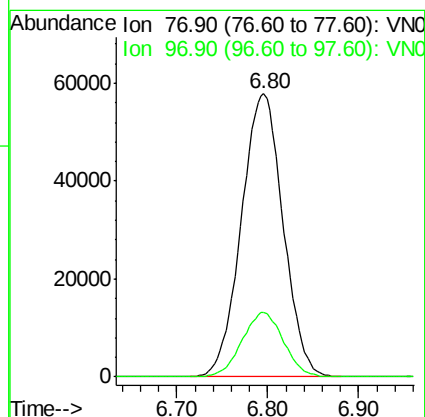
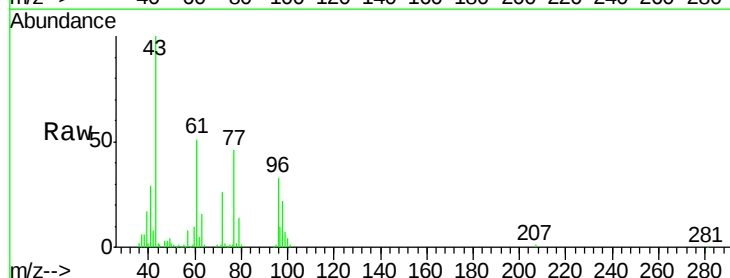
Acq: 2 Mar 2020 16:23

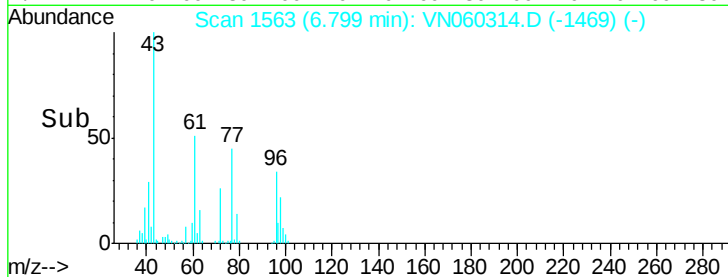
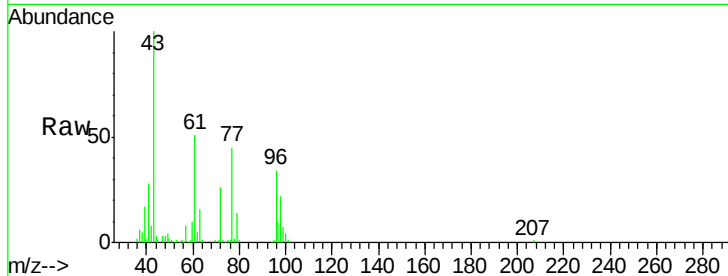
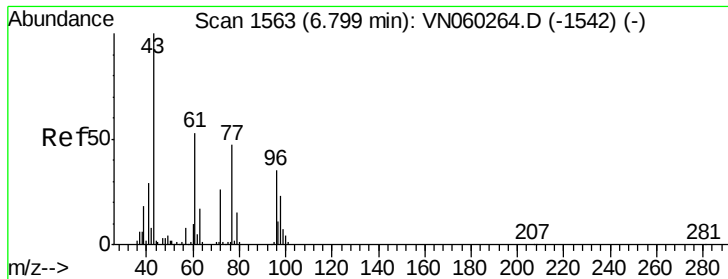
Tgt Ion: 77 Resp: 184100

Ion Ratio Lower Upper

77 100

97 22.6 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 45.762 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN060314.D

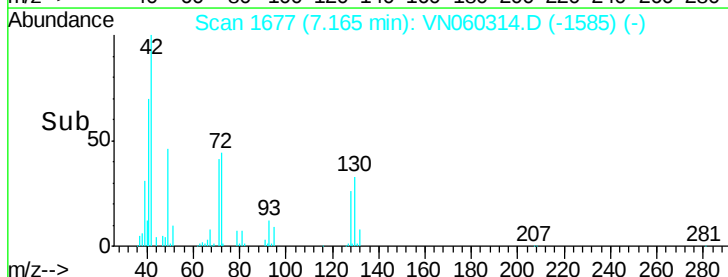
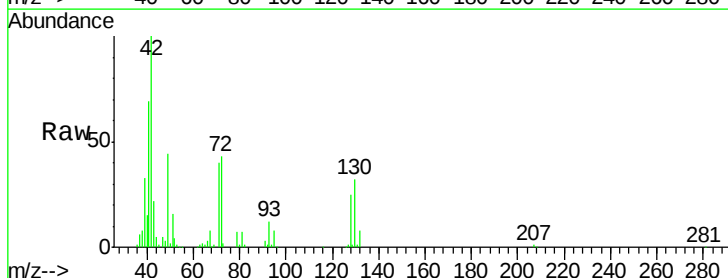
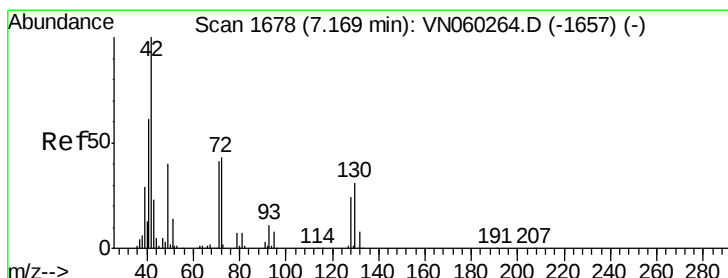
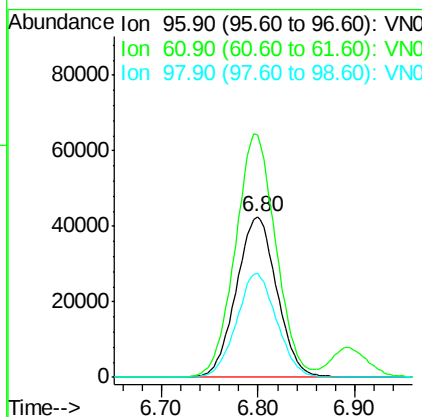
Acq: 2 Mar 2020 16:23

Tot Ion:	96	Resp:	124011
Ion Ratio	Lower	Upper	
96	100		
61	151.1	0.0	300.8
98	64.1	0.0	128.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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#28

Bromochloromethane

Concen: 47.288 ug/l

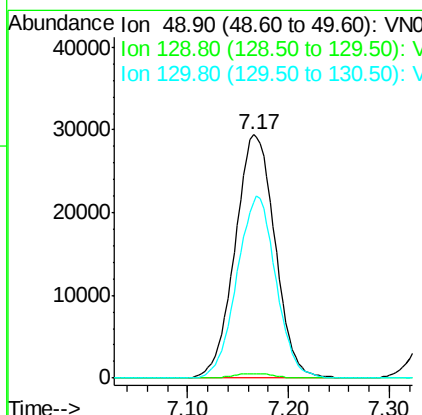
RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN060314.D

Acq: 2 Mar 2020 16:23

Tgt Ion:	49	Resp:	80993
Ion Ratio	Lower	Upper	
49	100		
129	1.8	0.0	3.8
130	72.7	59.8	89.8





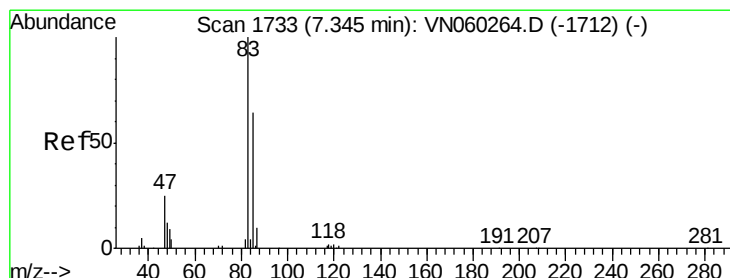
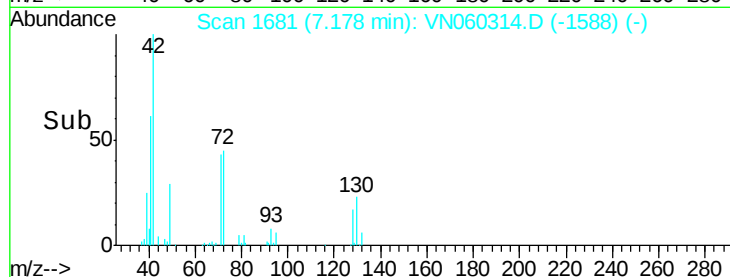
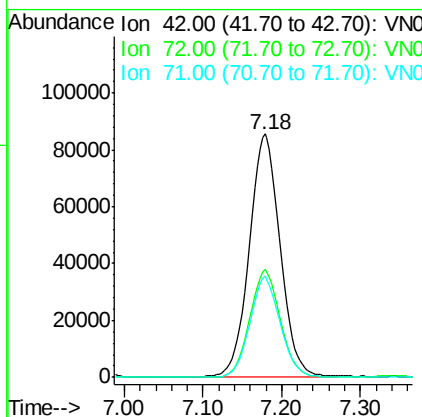
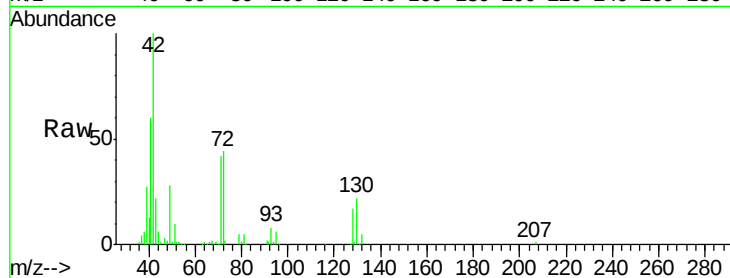
#29
Tetrahydrofuran
Concen: 250.199 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN060314.D
Acq: 2 Mar 2020 16:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.7	34.6	52.0
71	40.6	32.9	49.3

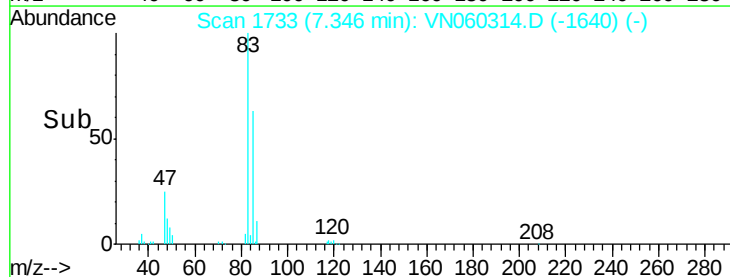
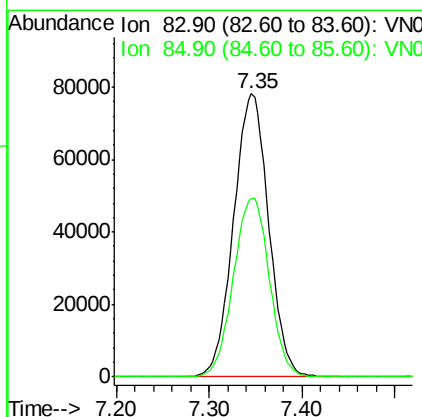
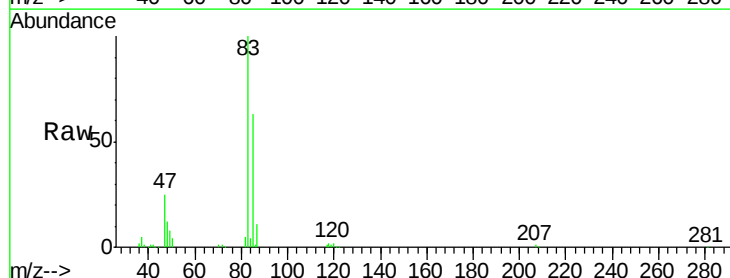
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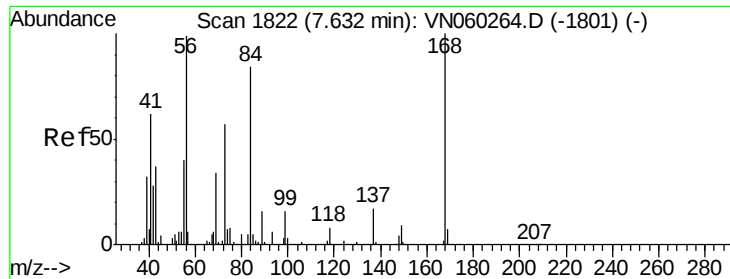
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3/3/2020 10:04:04 AM



#30
Chloroform
Concen: 49.326 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN060314.D
Acq: 2 Mar 2020 16:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.4	77.2





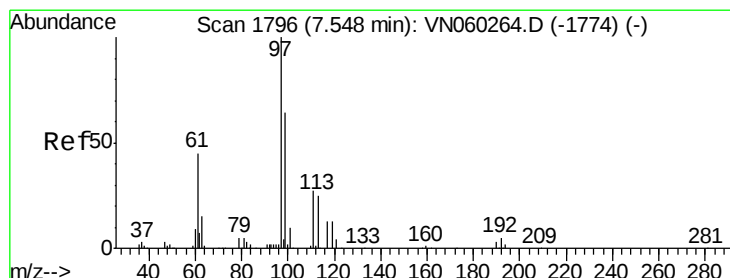
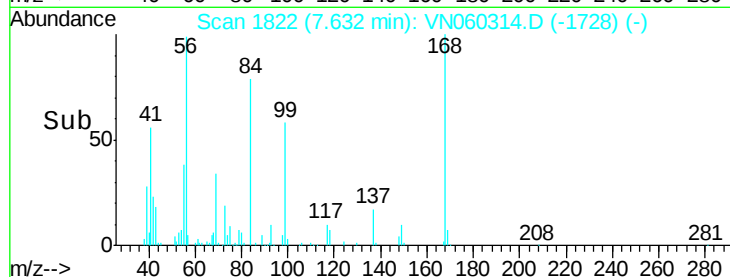
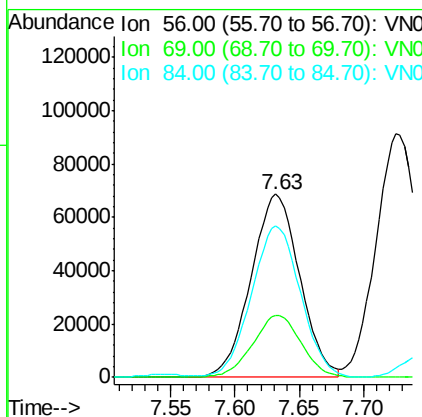
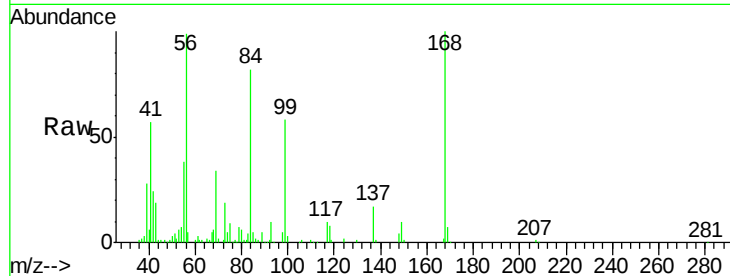
#31
Cyclohexane
Concen: 50.663 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN060314.D
Acq: 2 Mar 2020 16:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.0	27.2	40.8
84	81.5	66.7	100.1

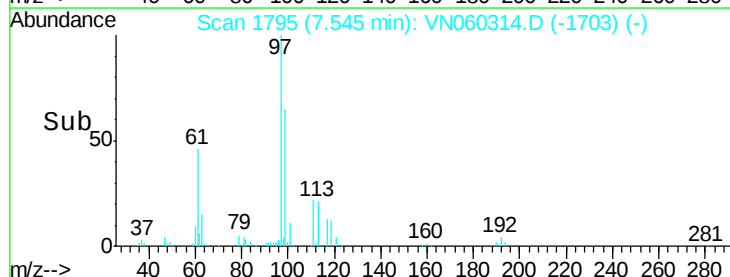
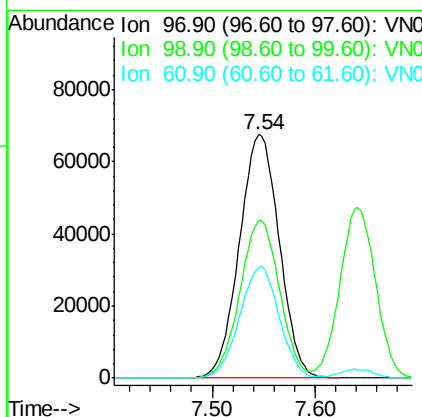
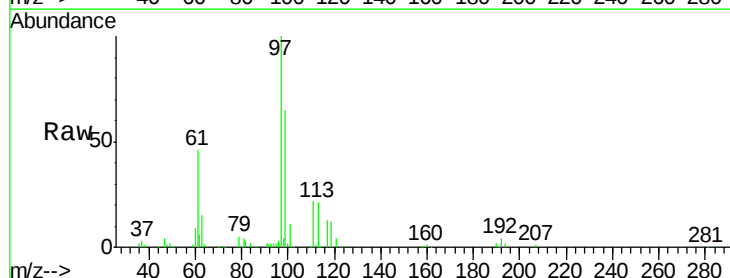
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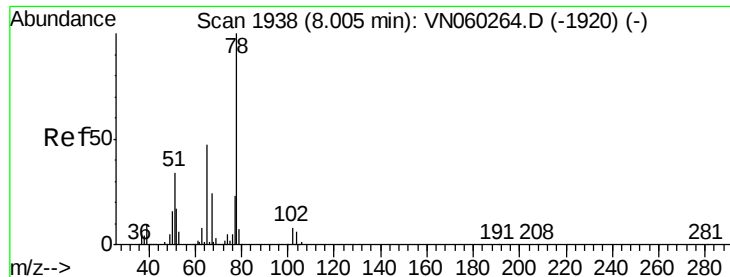
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3/3/2020 10:04:04 AM



#32
1,1,1-Trichloroethane
Concen: 49.357 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN060314.D
Acq: 2 Mar 2020 16:23

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.4	77.0
61	45.5	36.6	55.0





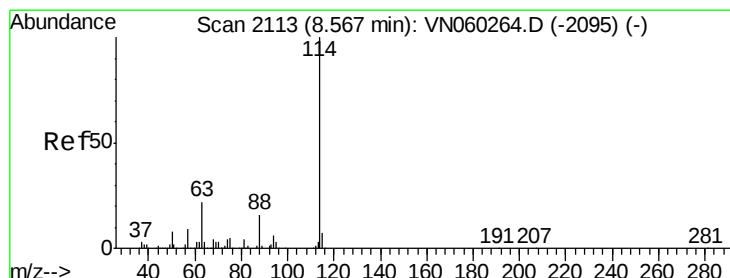
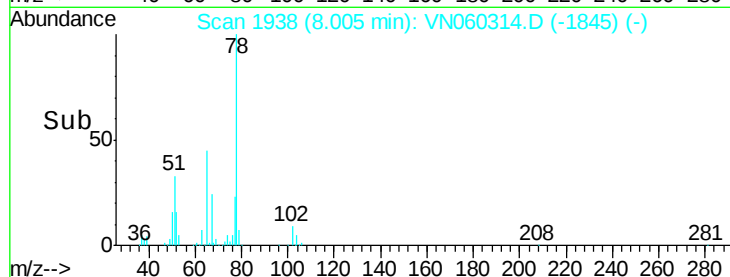
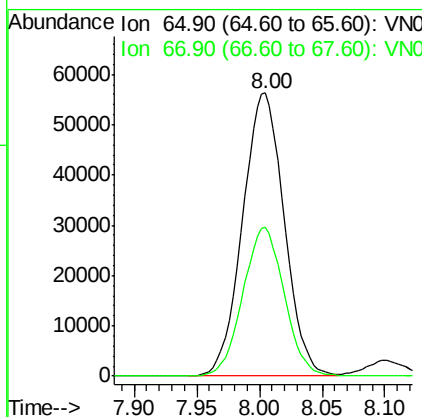
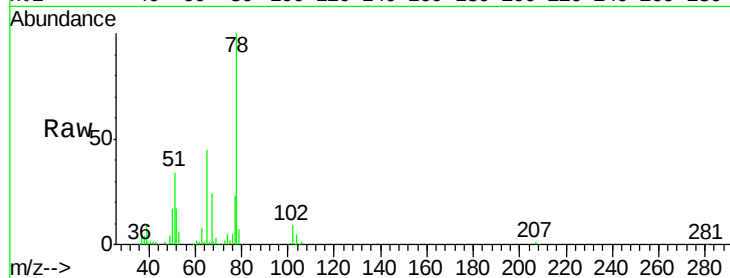
#33
 1,2-Dichloroethane-d4
 Concen: 49.421 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN060314.D
 Acq: 2 Mar 2020 16:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.0	0.0	103.8	

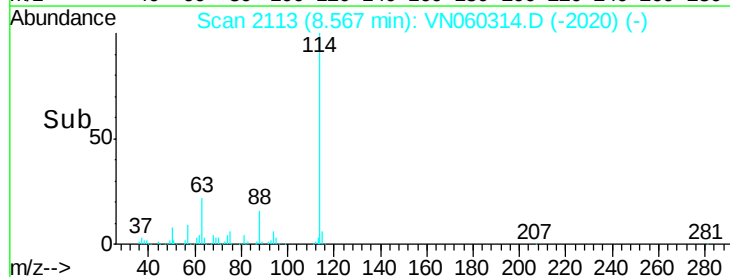
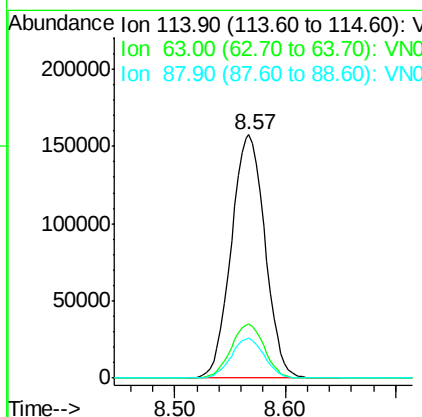
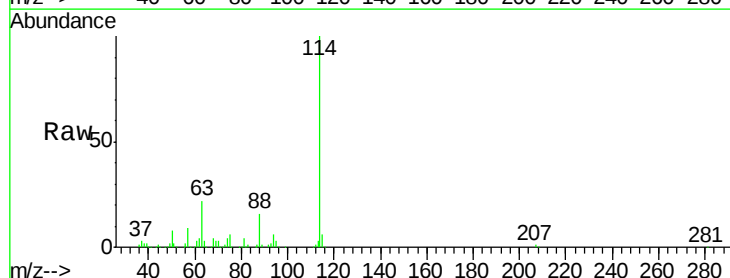
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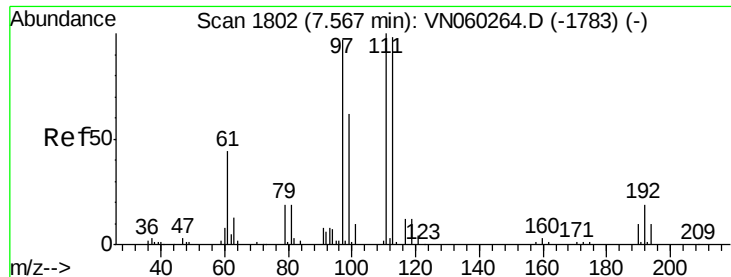
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060314.D
 Acq: 2 Mar 2020 16:23

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	22.1	0.0	43.2	
88	16.3	0.0	31.6	





#35

Dibromofluoromethane

Concen: 48.471 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060314.D

Acq: 2 Mar 2020 16:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:113 Resp: 75048

Ion Ratio Lower Upper

113 100

111 104.0 82.4 123.6

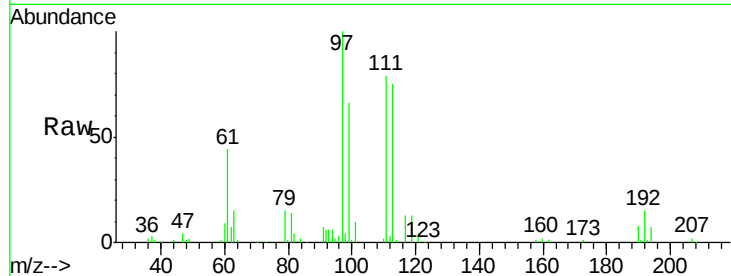
192 20.5 16.2 24.2

Manual Integrations

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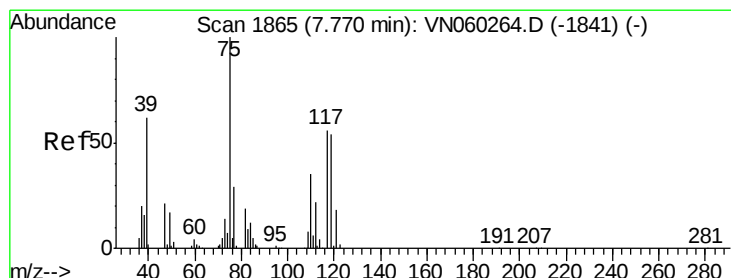
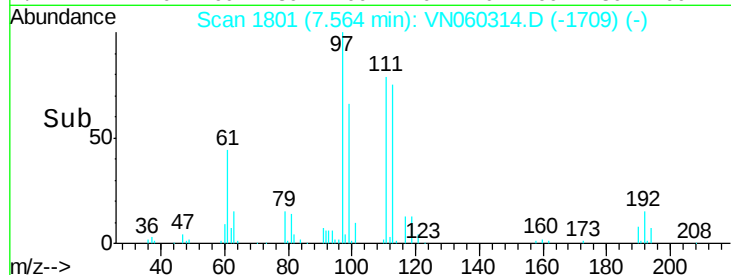
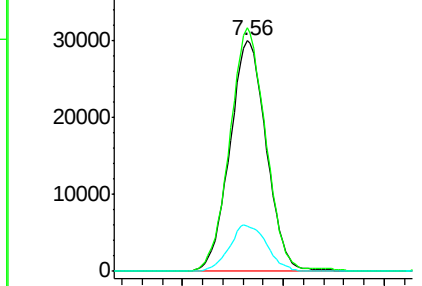
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Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.864 ug/l

RT: 7.77 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VN060314.D

Acq: 2 Mar 2020 16:23

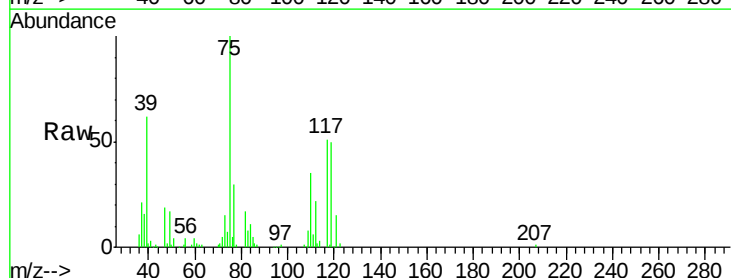
Tgt Ion: 75 Resp: 152163

Ion Ratio Lower Upper

75 100

110 34.6 17.3 52.0

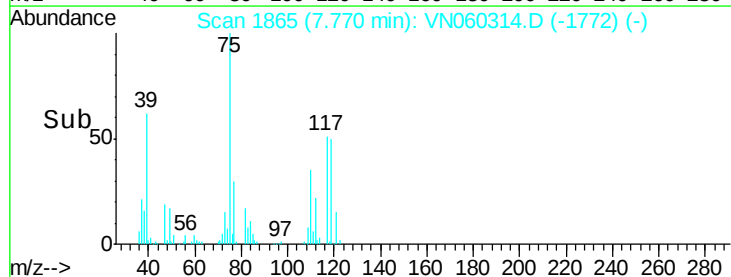
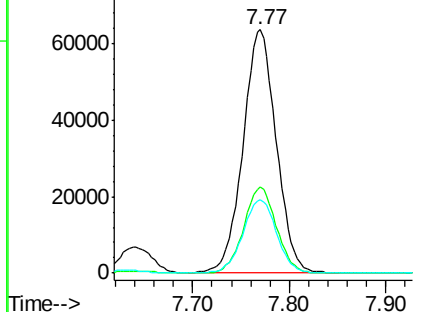
77 30.6 24.2 36.2



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VNO





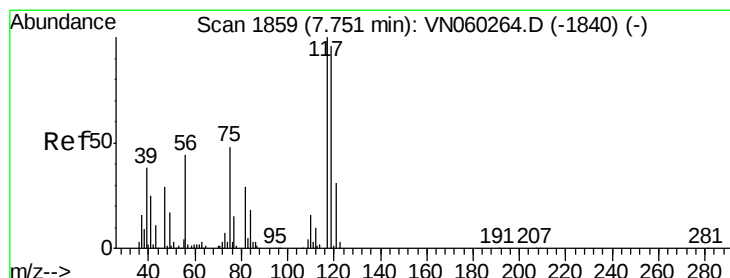
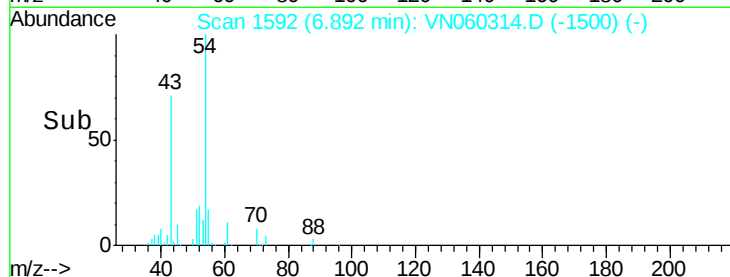
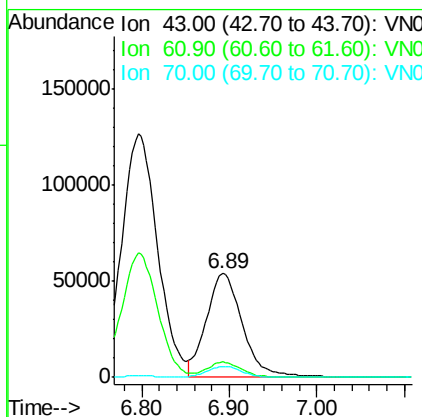
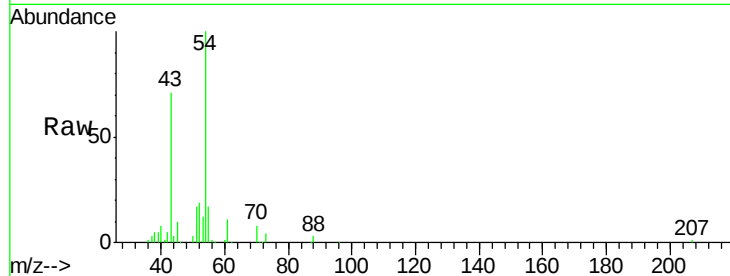
#37
Ethyl Acetate
Concen: 50.944 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN060314.D
Acq: 2 Mar 2020 16:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Ratio	Lower	Upper
43	100			
61	14.0	11.1	16.7	
70	10.4	8.4	12.6	

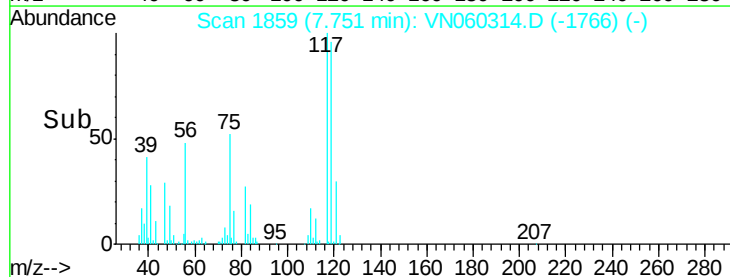
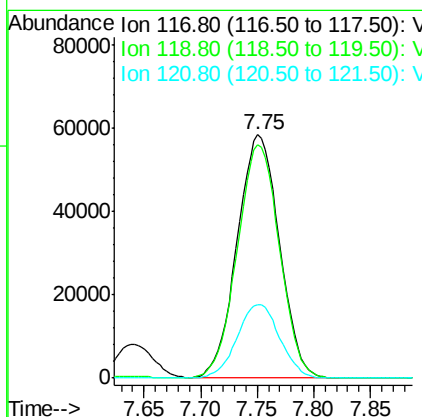
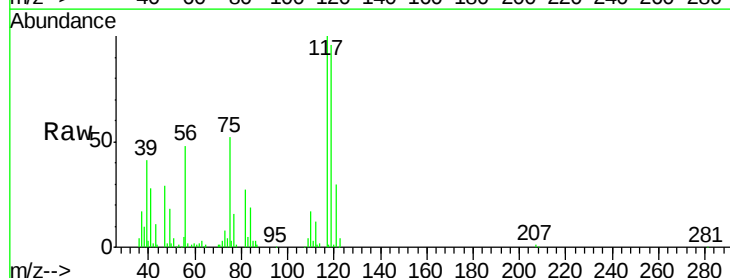
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#38
Carbon Tetrachloride
Concen: 49.129 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN060314.D
Acq: 2 Mar 2020 16:23

Tgt Ion	117	Ratio	Lower	Upper
117	100			
119	95.9	76.7	115.1	
121	30.3	24.5	36.7	





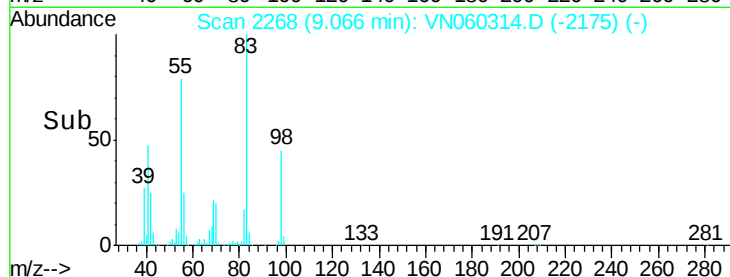
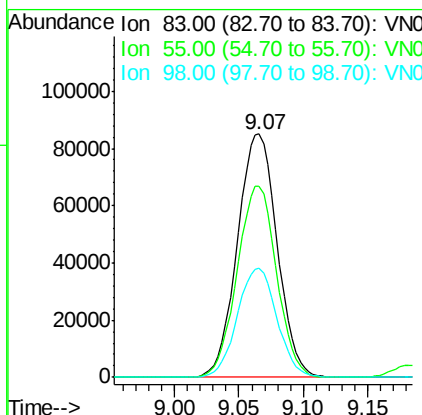
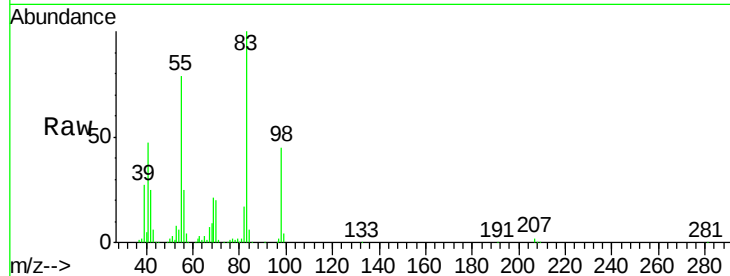
#39
Methylvlcyclohexane
Concen: 48.726 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VN060314.D
Acq: 2 Mar 2020 16:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.7	61.0	91.4
98	44.8	36.1	54.1

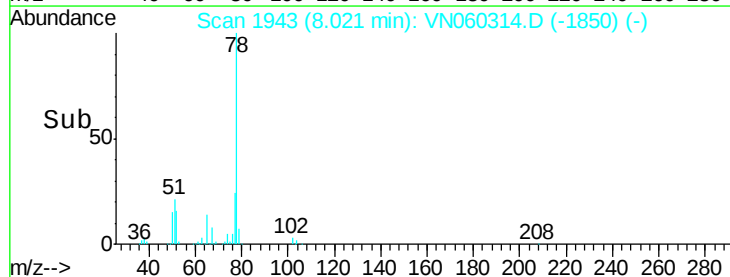
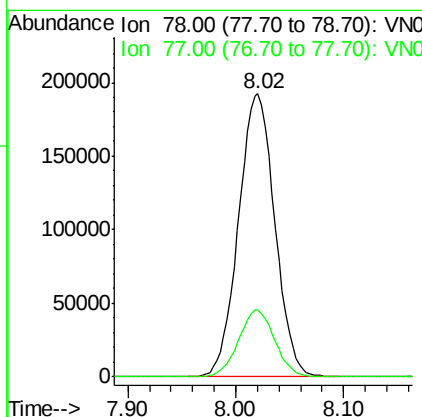
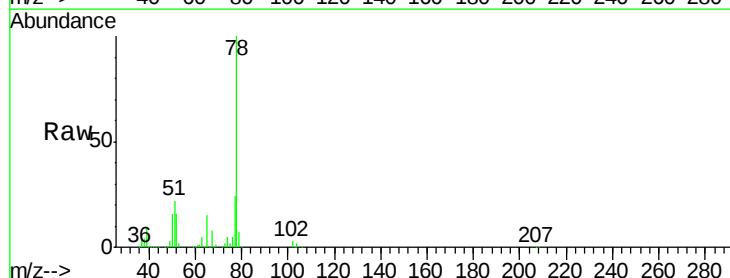
Manual Integrations
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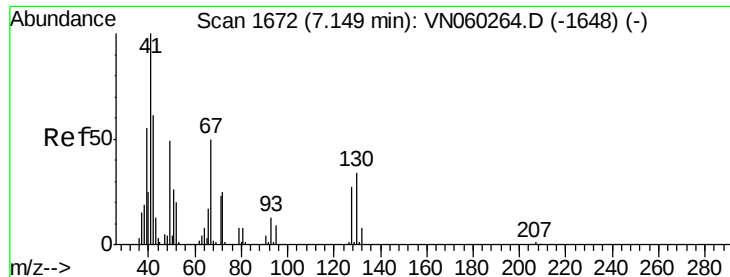
MMDadoda
3/3/2020 10:04:04 AM



#40
Benzene
Concen: 48.709 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN060314.D
Acq: 2 Mar 2020 16:23

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.8	28.2





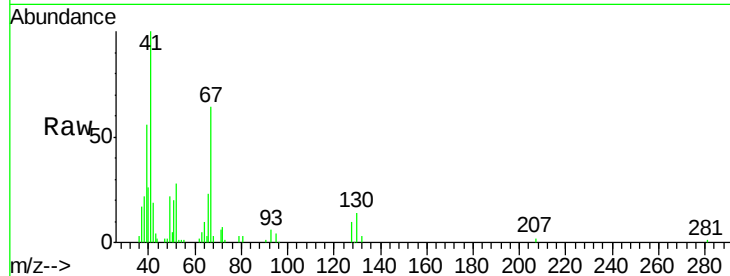
#41
Methacrylonitrile
Concen: 45.333 ug/l m
RT: 7.14 min Scan# 1668
Delta R.T. -0.01 min
Lab File: VN060314.D
Acq: 2 Mar 2020 16:23

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

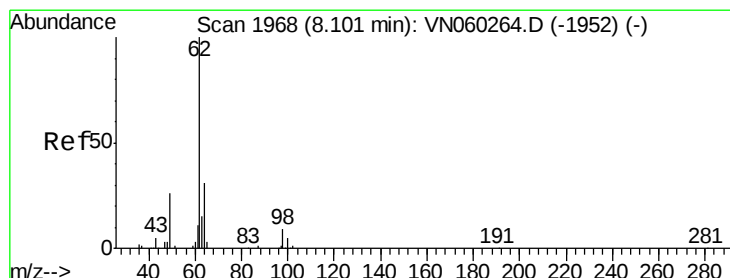
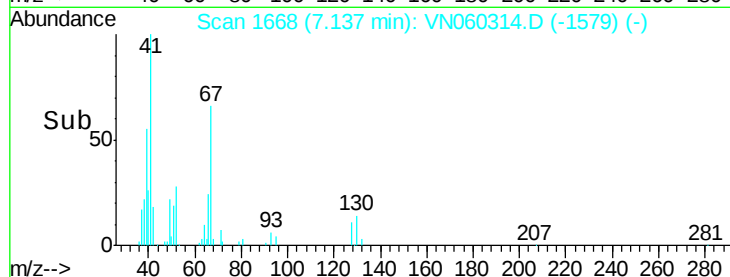
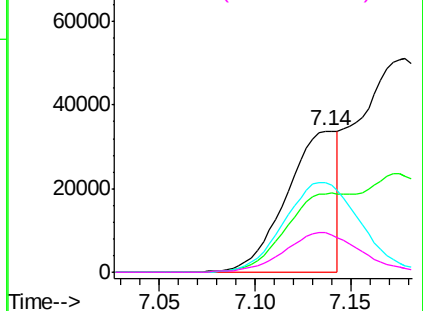
Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

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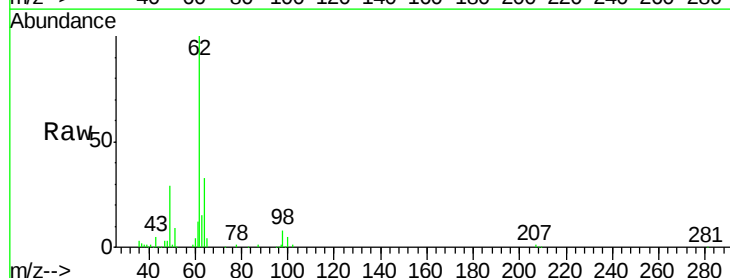


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

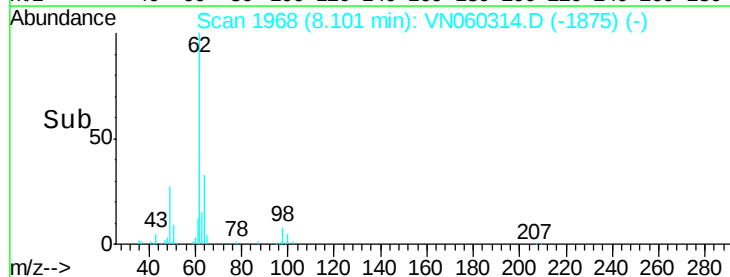
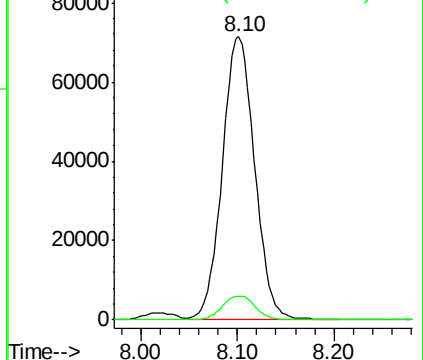


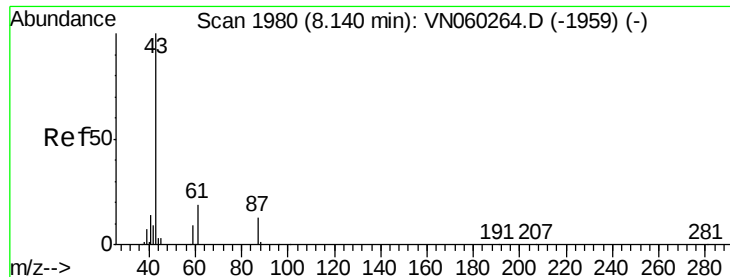
#42
1,2-Dichloroethane
Concen: 49.744 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN060314.D
Acq: 2 Mar 2020 16:23

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.0



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 51.454 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060314.D

Acq: 2 Mar 2020 16:23

Instrument :

MSVOA_N

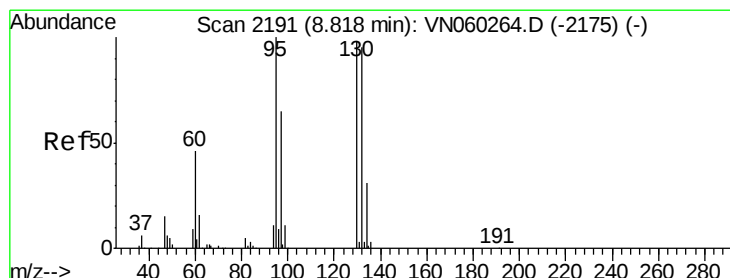
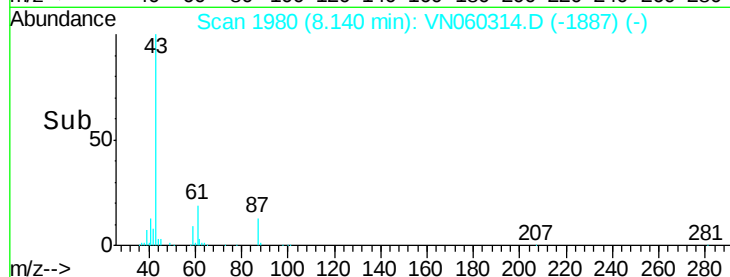
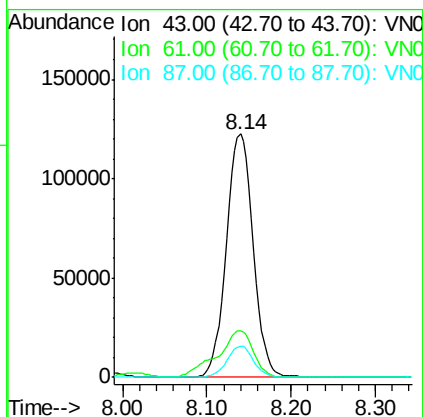
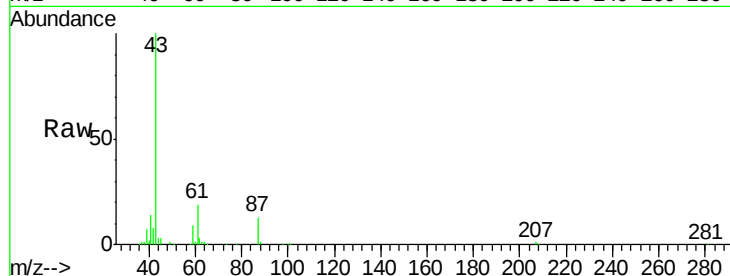
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	271153
Ion	Ratio	Lower	Upper
43	100		
61	25.7	20.9	31.3
87	12.5	10.6	16.0

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#44

Trichloroethene

Concen: 46.616 ug/l

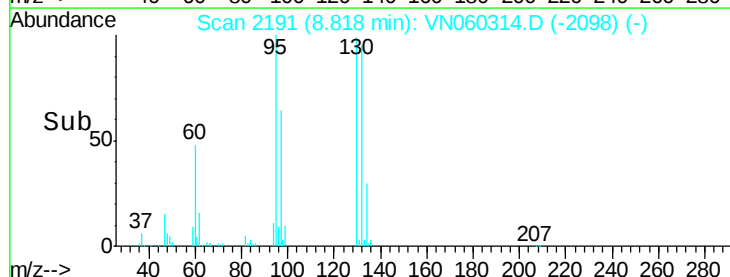
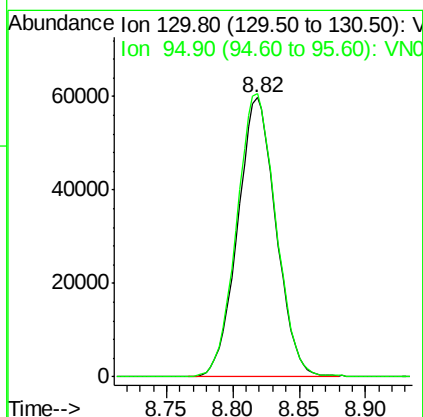
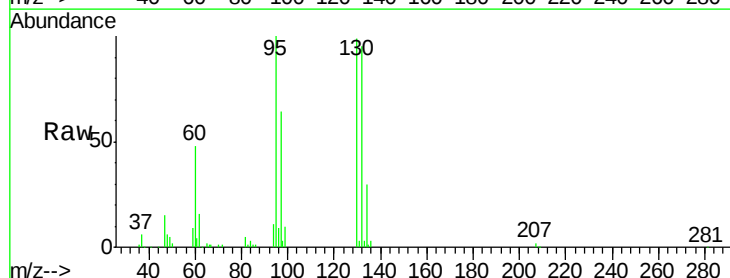
RT: 8.82 min Scan# 2191

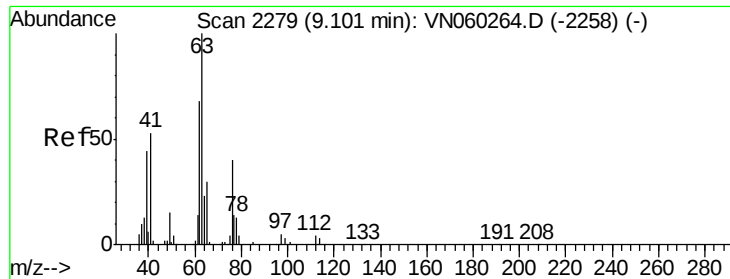
Delta R.T. 0.00 min

Lab File: VN060314.D

Acq: 2 Mar 2020 16:23

Tgt Ion:	130	Resp:	120129
Ion	Ratio	Lower	Upper
130	100		
95	101.4	0.0	203.4





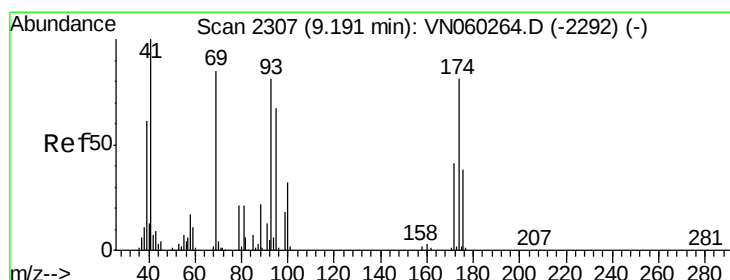
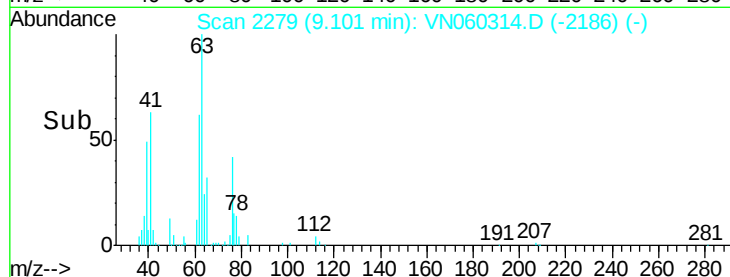
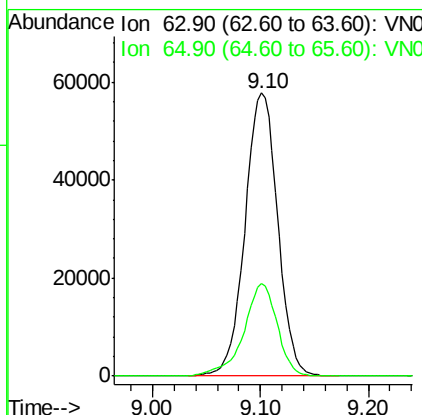
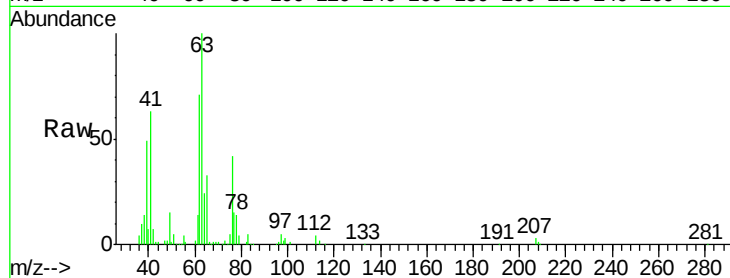
#45
 1,2-Dichloropropane
 Concen: 50.287 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: VN060314.D
 Acq: 2 Mar 2020 16:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.8	24.4	36.6

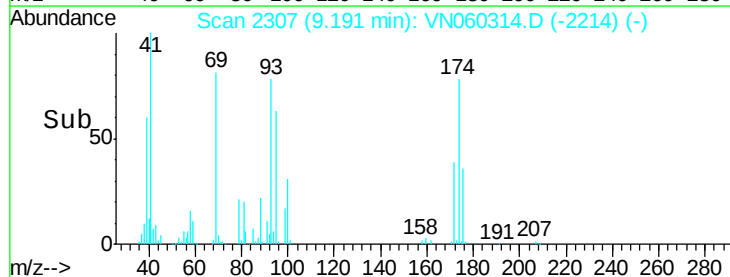
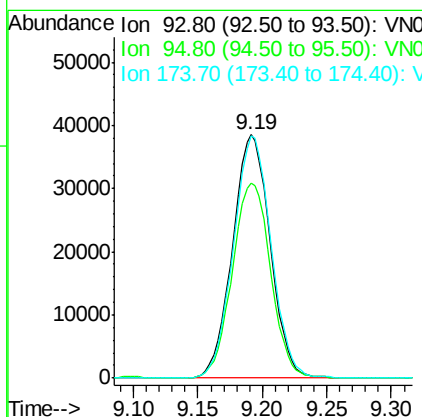
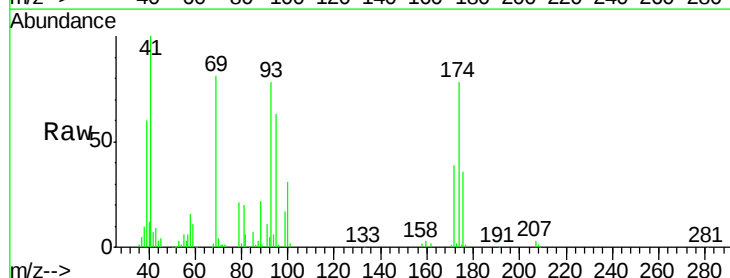
Manual Integrations
 APPROVED

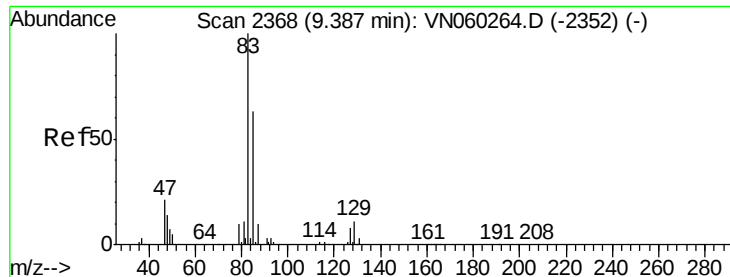
MMDadoda
 3/3/2020 10:04:04 AM



#46
 Dibromomethane
 Concen: 49.739 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN060314.D
 Acq: 2 Mar 2020 16:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.6	65.9	98.9
174	99.7	79.6	119.4





#47

Bromodichloromethane

Concen: 50.942 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN060314.D

Acq: 2 Mar 2020 16:23

Instrument :

MSVOA_N

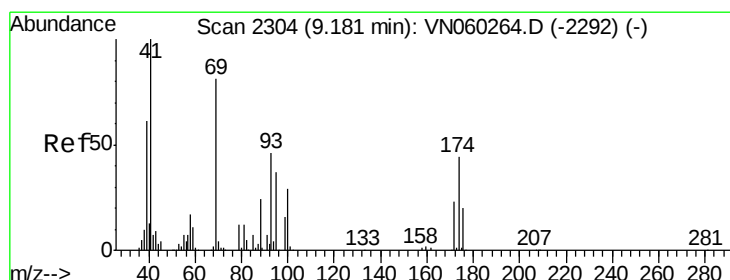
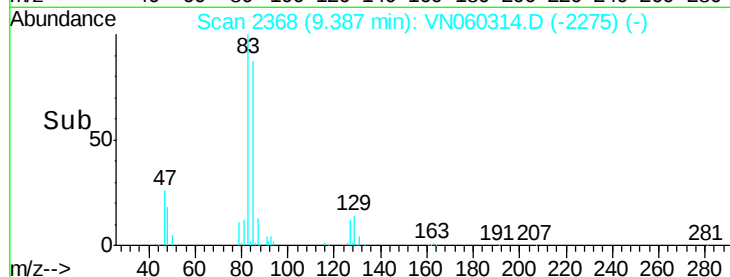
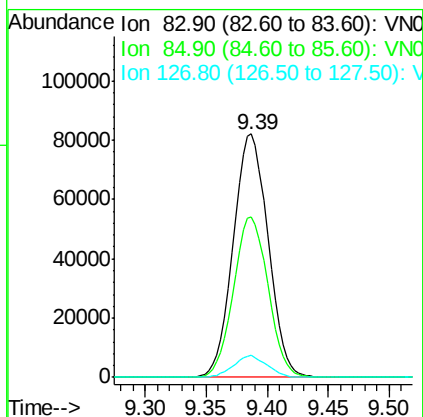
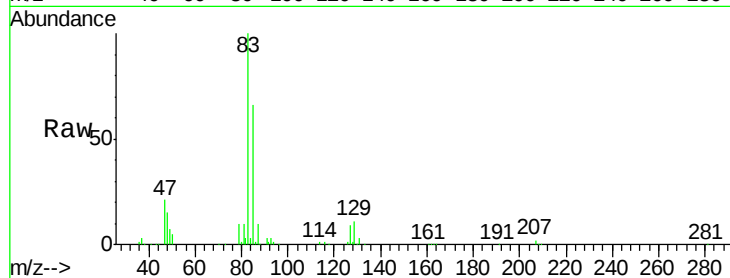
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	162636
Ion	Ratio	Lower	Upper
83	100		
85	65.9	50.7	76.1
127	8.9	6.8	10.2

Manual Integrations
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MMDadoda
3/3/2020 10:04:04 AM



#48

Methyl methacrylate

Concen: 50.110 ug/l

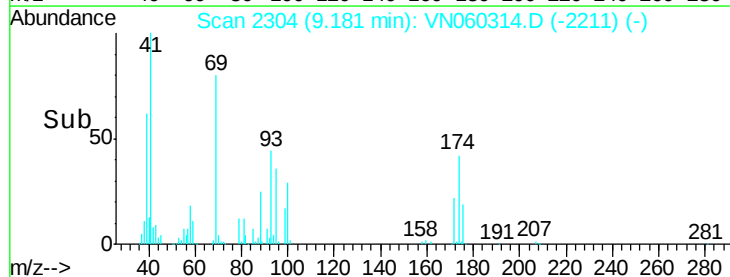
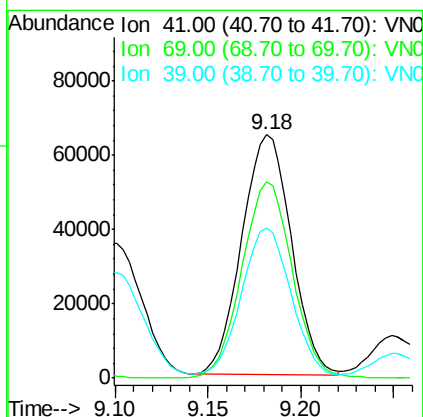
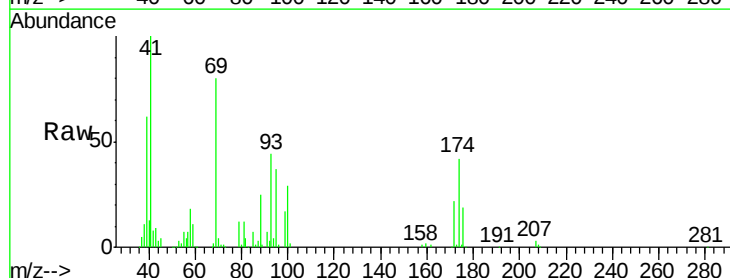
RT: 9.18 min Scan# 2304

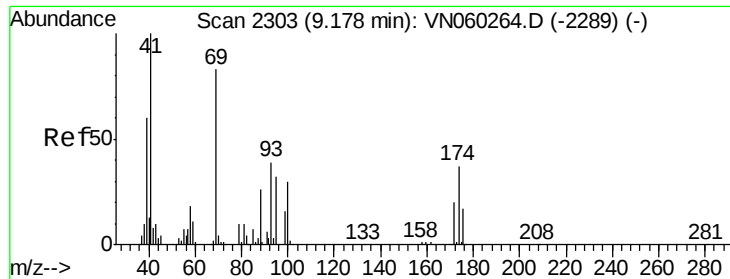
Delta R.T. 0.00 min

Lab File: VN060314.D

Acq: 2 Mar 2020 16:23

Tgt Ion:	41	Resp:	120420
Ion	Ratio	Lower	Upper
41	100		
69	83.0	66.7	100.1
39	63.4	50.1	75.1





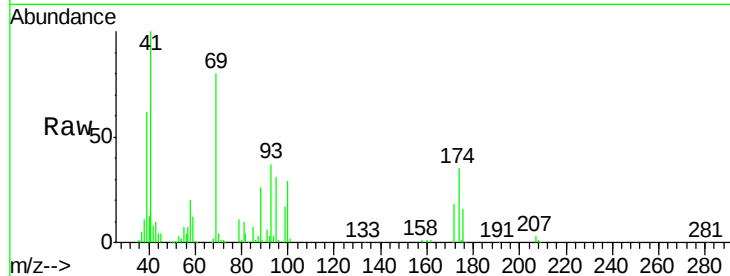
#49
1,4-Dioxane
Concen: 1013.198 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VN060314.D
Acq: 2 Mar 2020 16:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.7	30.4	45.6
58	72.9	57.0	85.6

Manual Integrations
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3/3/2020 10:04:04 AM



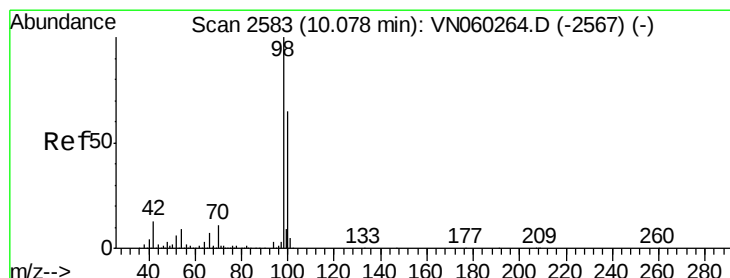
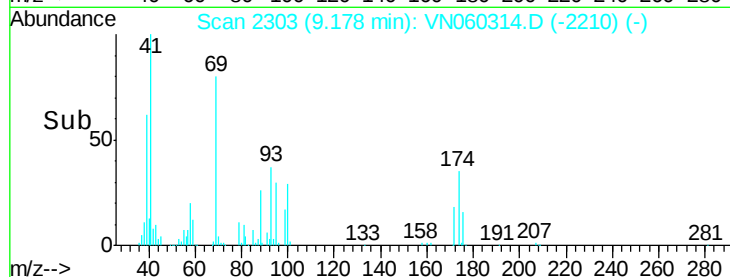
Abundance

Ion 88.00 (87.70 to 88.70): VN060314.D (-2210) (-)

Ion 43.00 (42.70 to 43.70): VN060314.D (-2210) (-)

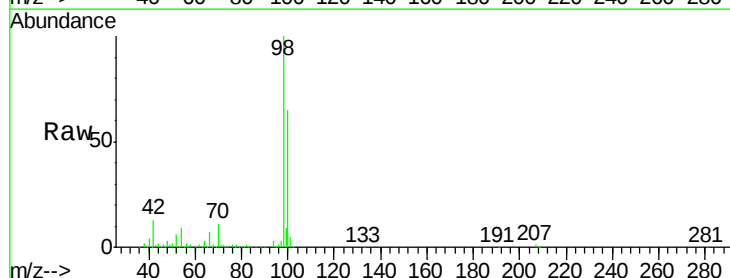
Ion 58.00 (57.70 to 58.70): VN060314.D (-2210) (-)

Time-->



#50
Toluene-d8
Concen: 49.012 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN060314.D
Acq: 2 Mar 2020 16:23

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.2	78.2

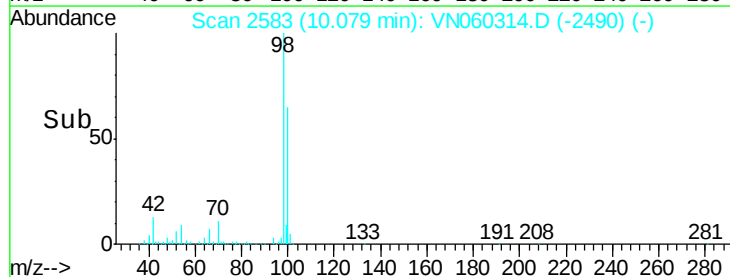


Abundance

Ion 98.00 (97.70 to 98.70): VN060314.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN060314.D (-2490) (-)

Time-->





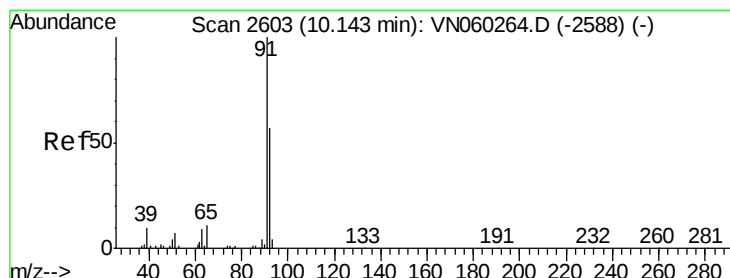
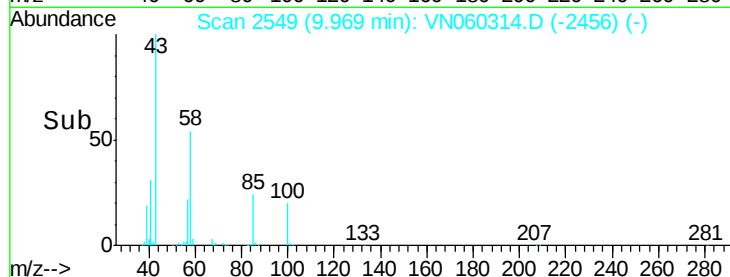
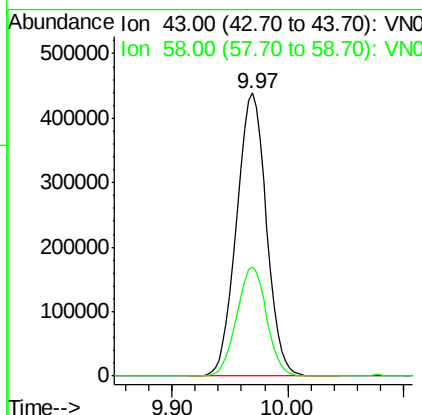
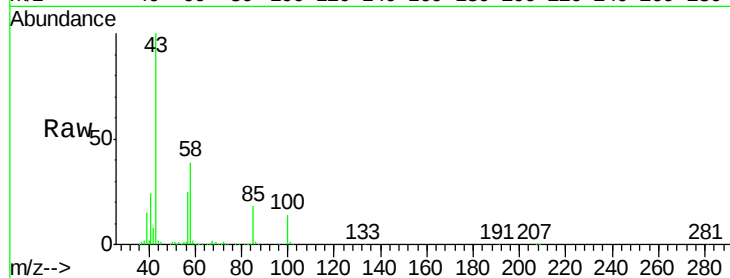
#51
 4-Methyl-2-Pentanone
 Concen: 261.484 ug/l
 RT: 9.97 min Scan# 2549
 Delta R.T. 0.00 min
 Lab File: VN060314.D
 Acq: 2 Mar 2020 16:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	43	58	Ratio	Lower	Upper
781281	100	38.6		30.9	46.3

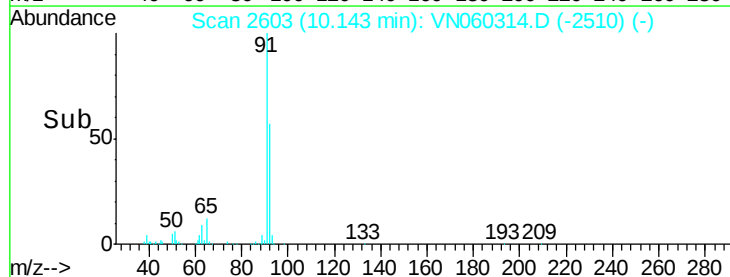
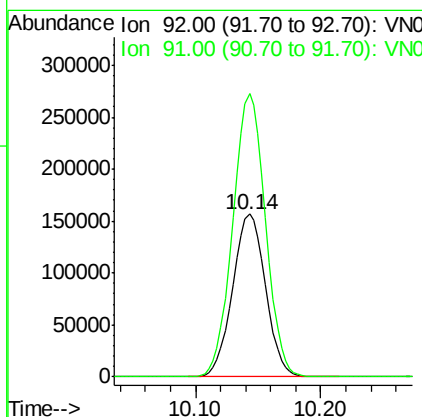
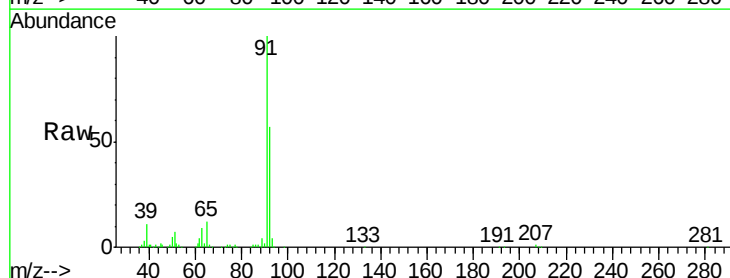
Manual Integrations
 APPROVED

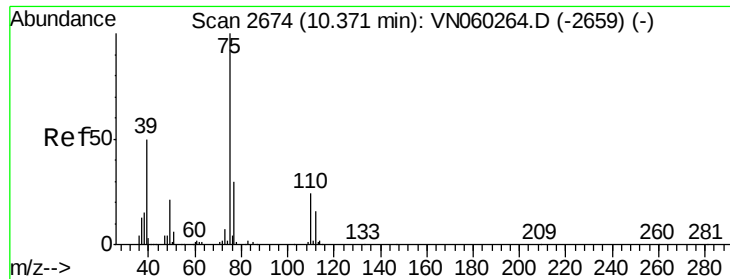
MMDadoda
 3/3/2020 10:04:04 AM



#52
 Toluene
 Concen: 49.142 ug/l
 RT: 10.14 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: VN060314.D
 Acq: 2 Mar 2020 16:23

Tgt Ion	92	91	Ratio	Lower	Upper
285629	100	172.6		138.1	207.1





#53

t-1,3-Dichloropropene

Concen: 48.633 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. 0.00 min

Lab File: VN060314.D

Acq: 2 Mar 2020 16:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 190248

Ion Ratio Lower Upper

75 100

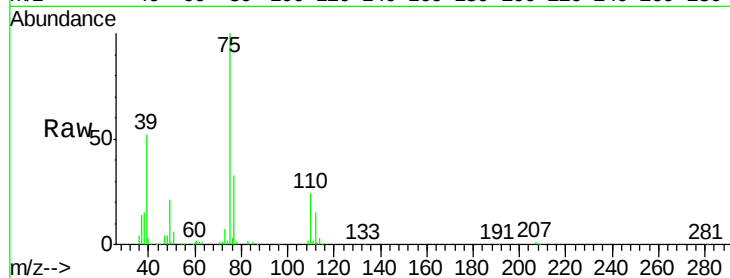
77 32.2 24.8 37.2

Manual Integrations

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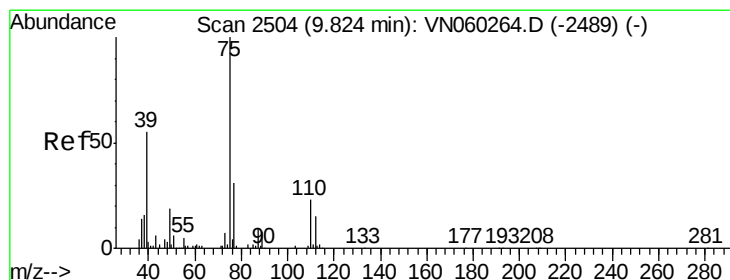
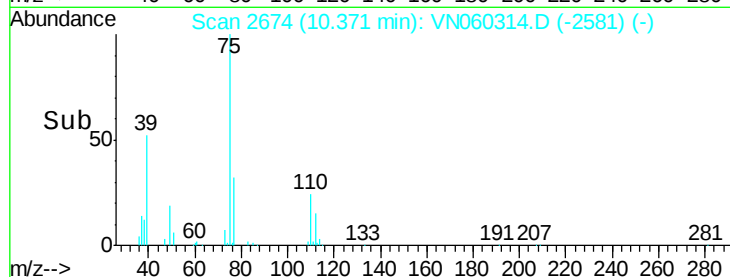
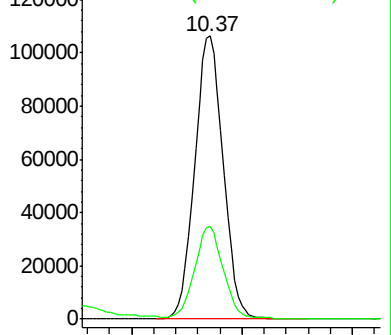
MMDadoda

3/3/2020 10:04:04 AM



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 49.288 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN060314.D

Acq: 2 Mar 2020 16:23

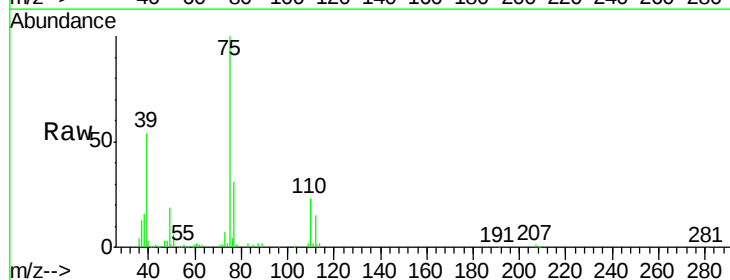
Tgt Ion: 75 Resp: 199794

Ion Ratio Lower Upper

75 100

77 30.9 24.8 37.2

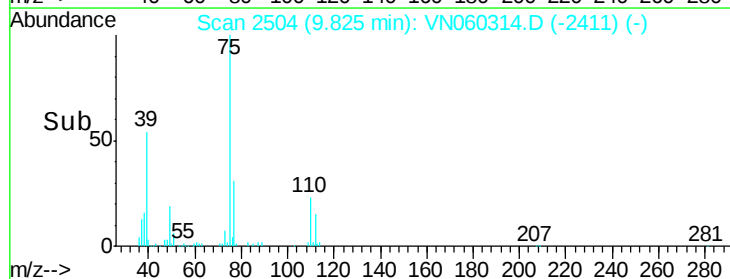
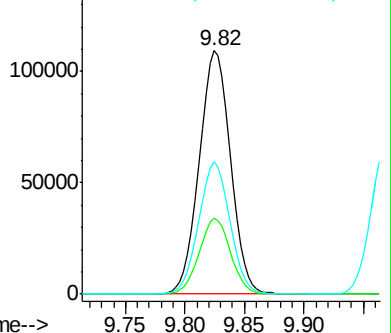
39 54.0 43.8 65.8

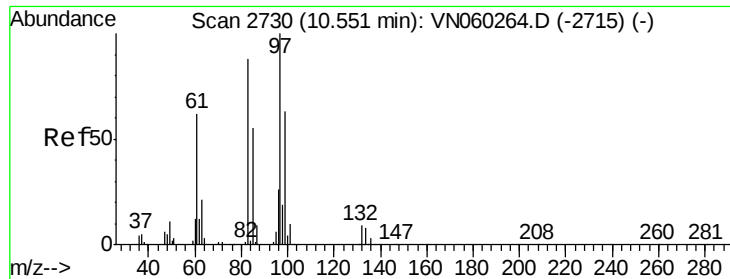


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





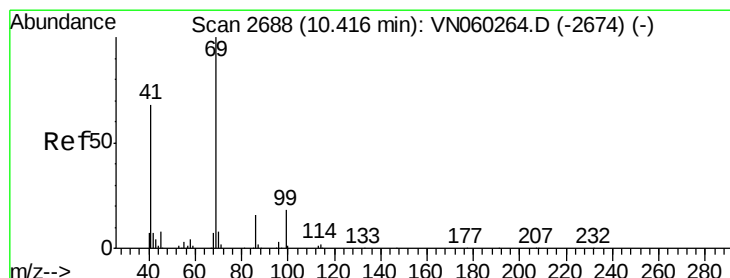
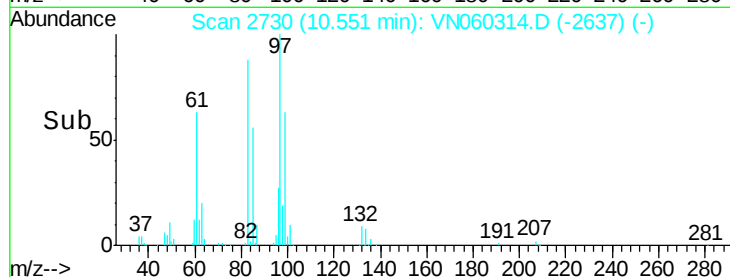
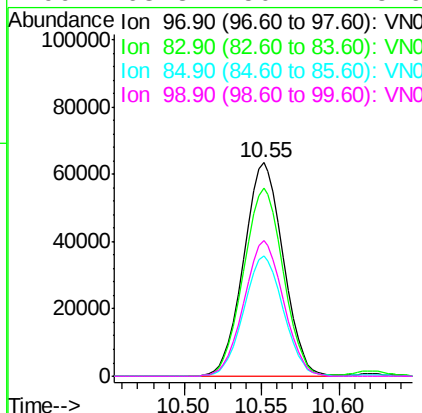
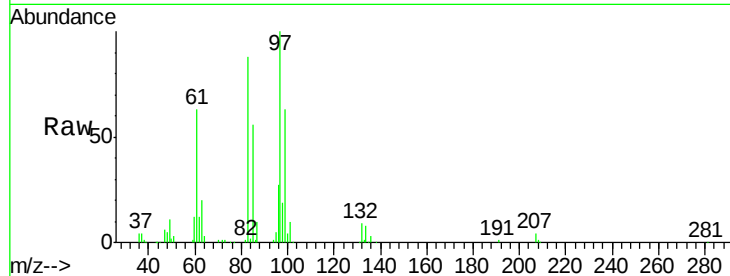
#55
 1,1,2-Trichloroethane
 Concen: 48.411 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN060314.D
 Acq: 2 Mar 2020 16:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		113153		
83	87.8	70.0	105.0		
85	56.1	44.0	66.0		
99	63.3	50.4	75.6		

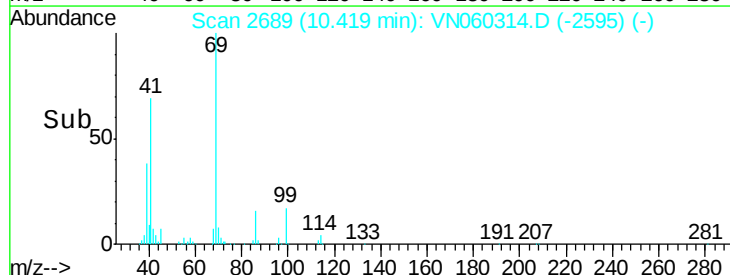
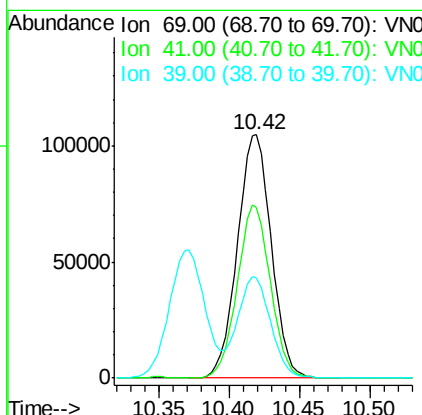
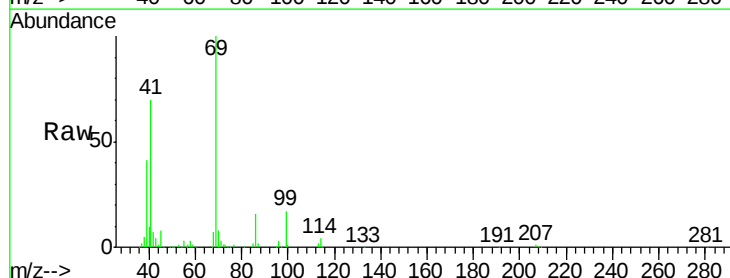
Manual Integrations
 APPROVED

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 3/3/2020 10:04:04 AM



#56
 Ethyl methacrylate
 Concen: 52.527 ug/l
 RT: 10.42 min Scan# 2689
 Delta R.T. 0.00 min
 Lab File: VN060314.D
 Acq: 2 Mar 2020 16:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		176384		
41	69.1	54.1	81.1		
39	41.1	32.5	48.7		





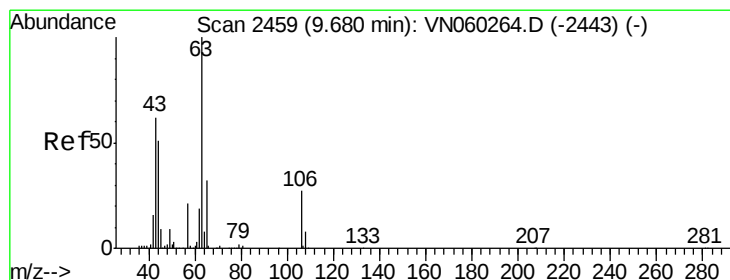
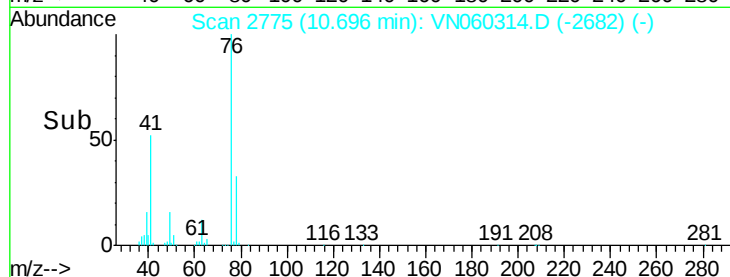
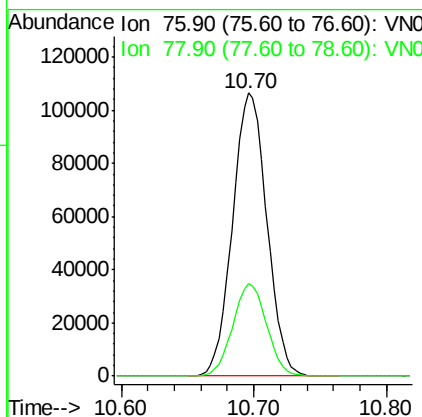
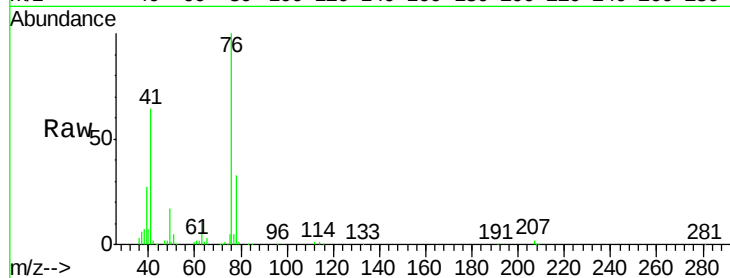
#57
 1,3-Dichloropropane
 Concen: 50.090 ug/l
 RT: 10.70 min Scan# 2775
 Delta R.T. 0.00 min
 Lab File: VN060314.D
 Acq: 2 Mar 2020 16:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	26.2	39.2

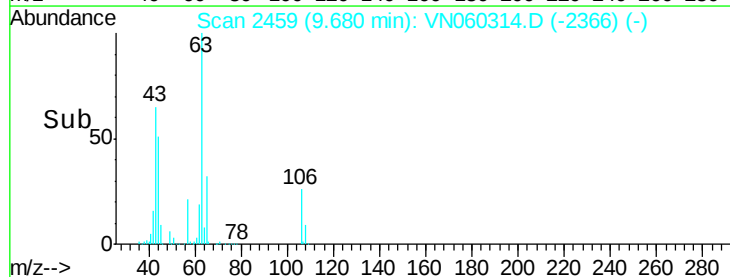
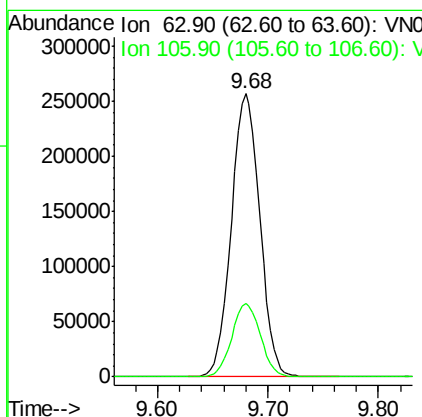
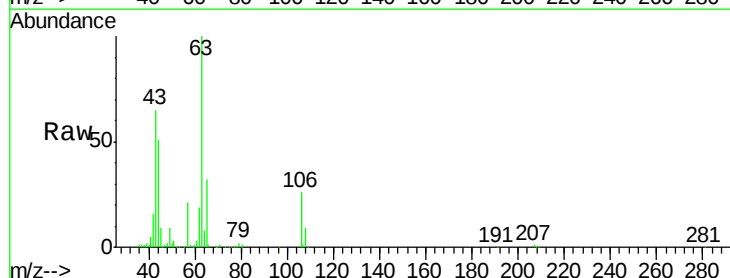
Manual Integrations
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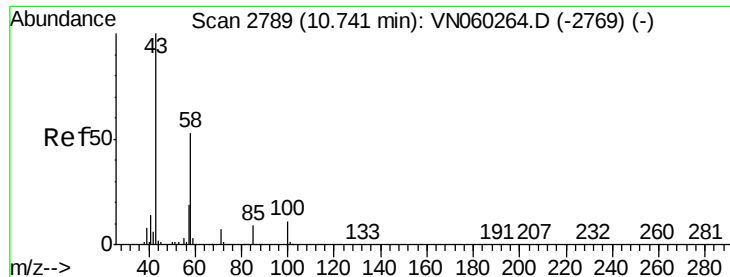
MMDadoda
 3/3/2020 10:04:04 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 261.854 ug/l
 RT: 9.68 min Scan# 2459
 Delta R.T. 0.00 min
 Lab File: VN060314.D
 Acq: 2 Mar 2020 16:23

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.0	21.1	31.7





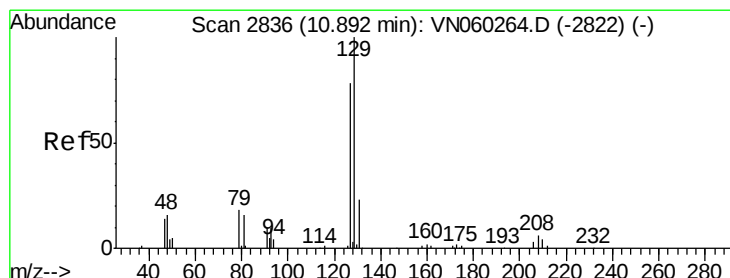
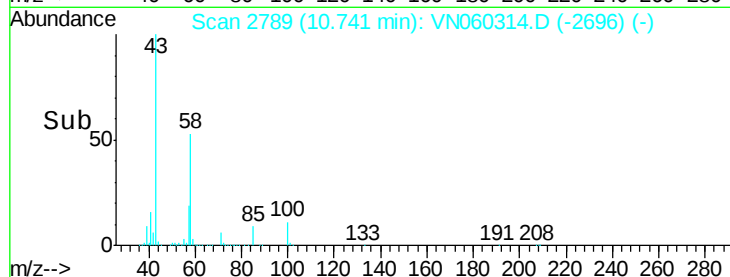
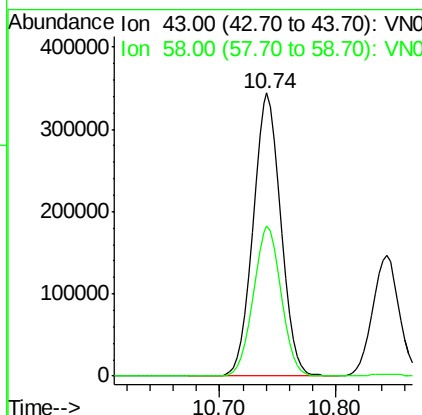
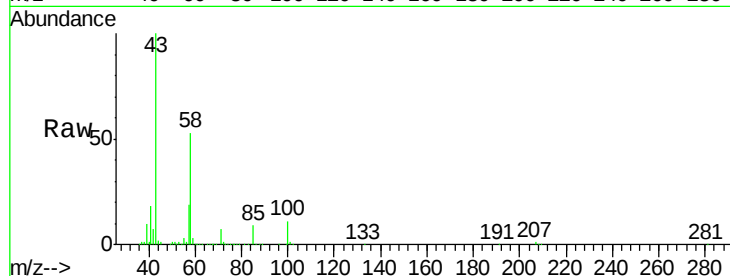
#59
2-Hexanone
Concen: 262.269 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN060314.D
Acq: 2 Mar 2020 16:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.3	26.5	79.5

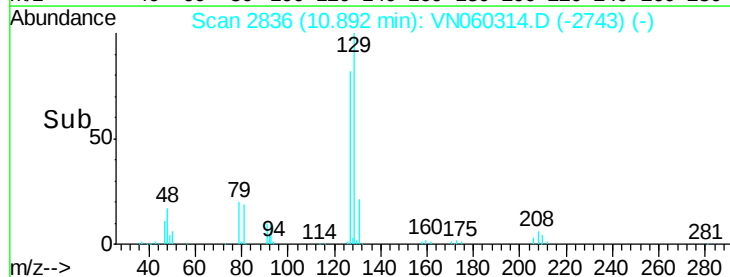
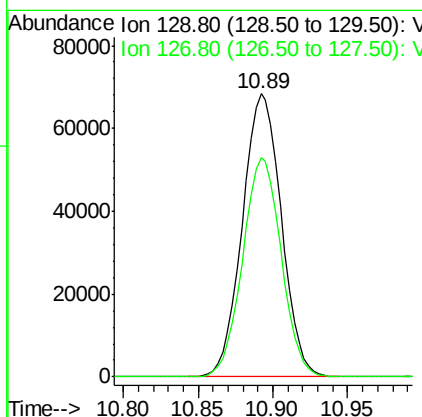
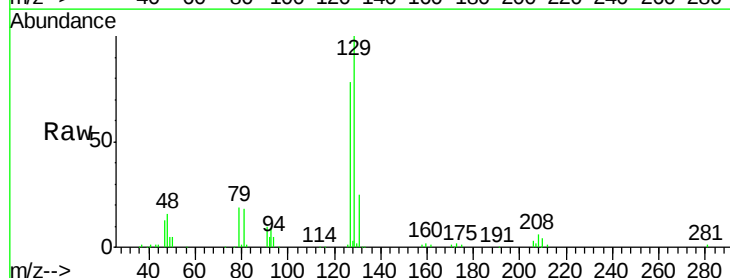
Manual Integrations
APPROVED

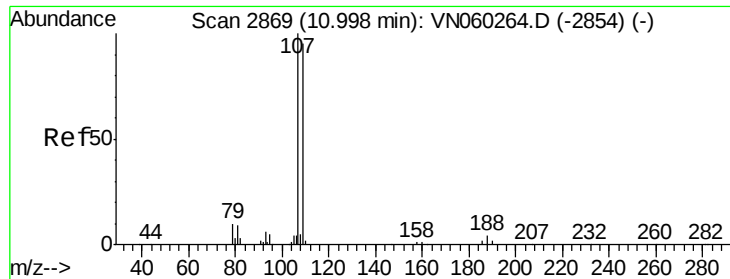
MMDadoda
3/3/2020 10:04:04 AM



#60
Dibromochloromethane
Concen: 52.129 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN060314.D
Acq: 2 Mar 2020 16:23

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.5	38.9	116.7





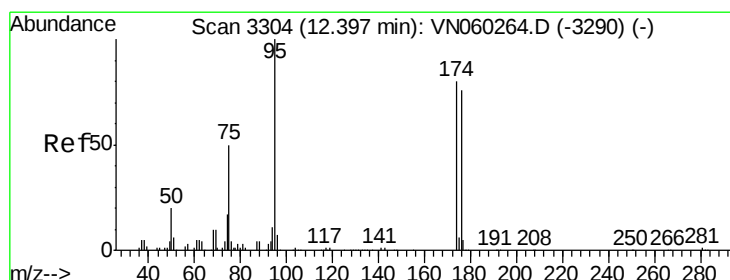
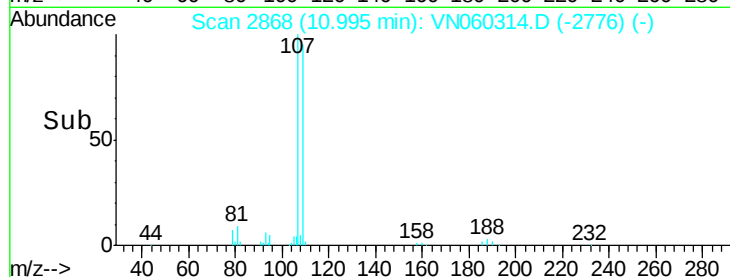
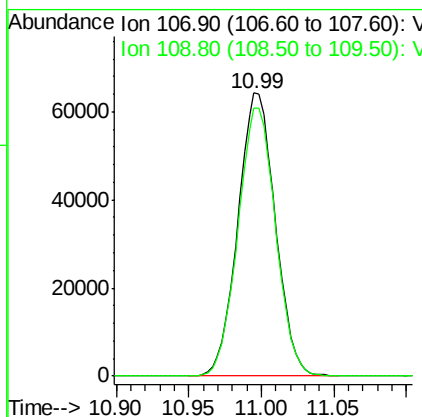
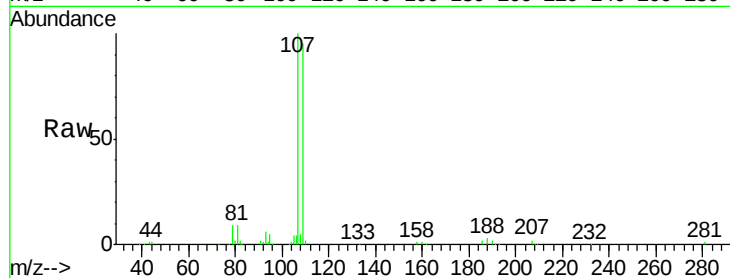
#61
 1,2-Dibromoethane
 Concen: 50.528 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN060314.D
 Acq: 2 Mar 2020 16:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.4	76.8	115.2

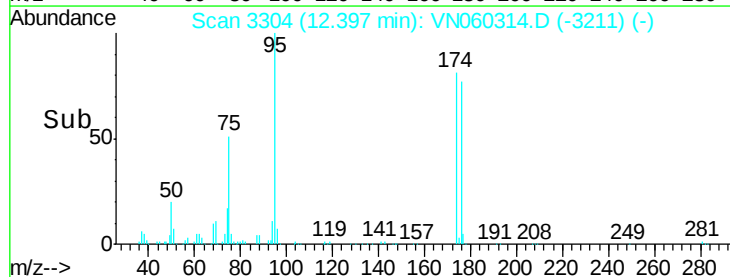
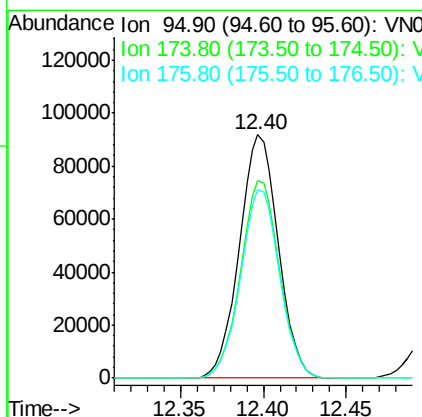
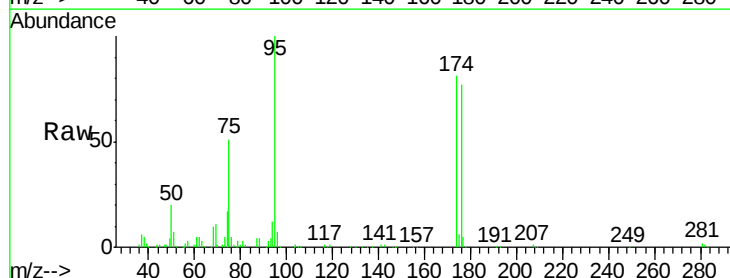
Manual Integrations
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#62
 4-Bromofluorobenzene
 Concen: 50.181 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN060314.D
 Acq: 2 Mar 2020 16:23

Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.5	0.0	159.2
176	78.0	0.0	153.8





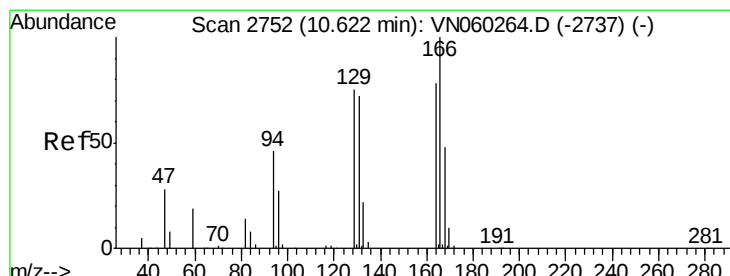
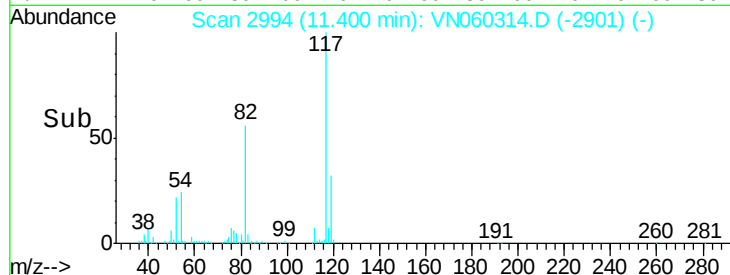
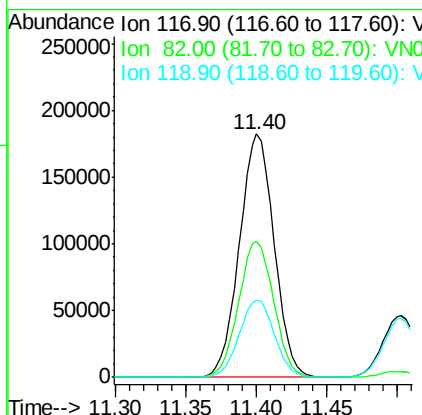
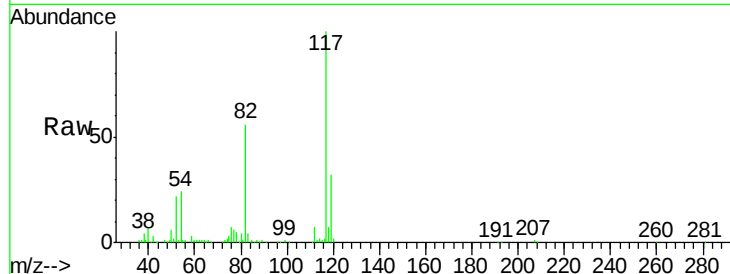
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060314.D
Acq: 2 Mar 2020 16:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.0	45.8	68.6
119	31.9	25.8	38.8

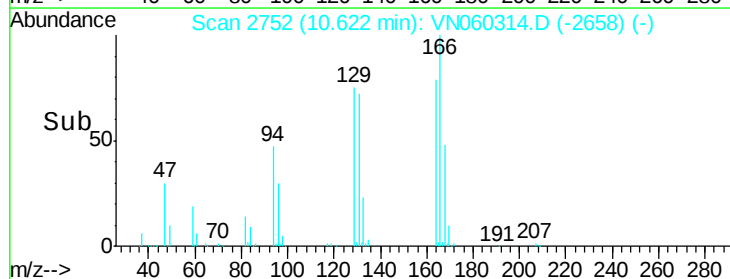
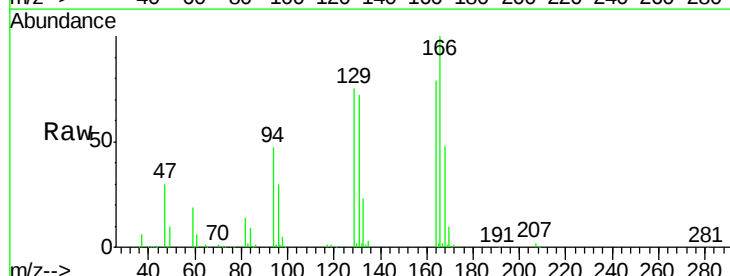
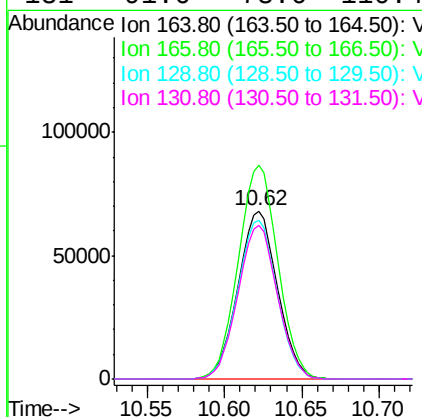
Manual Integrations
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#64
Tetrachloroethene
Concen: 48.536 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN060314.D
Acq: 2 Mar 2020 16:23

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.3	102.0	153.0
129	95.0	76.4	114.6
131	91.6	73.6	110.4





#65

Chlorobenzene

Concen: 47.598 ug/l

RT: 11.43 min Scan# 3002

Delta R.T. 0.00 min

Lab File: VN060314.D

Acq: 2 Mar 2020 16:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 302186

Ion Ratio Lower Upper

112 100

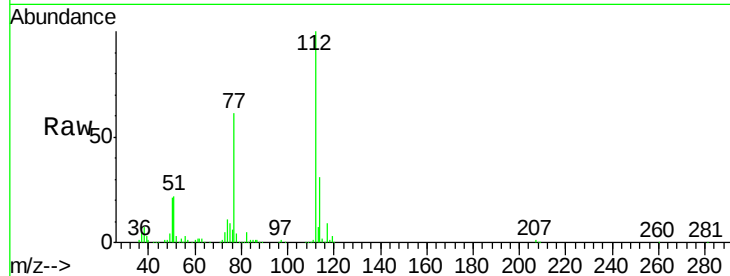
114 31.3 25.4 38.0

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.43

200000

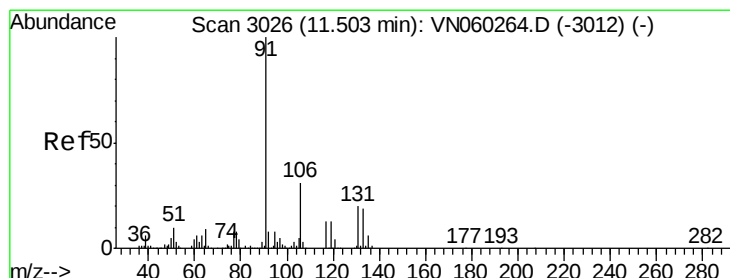
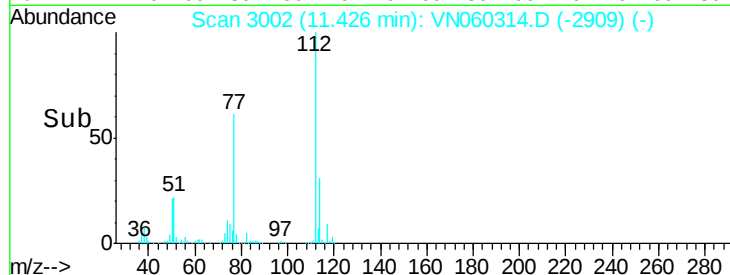
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 49.181 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN060314.D

Acq: 2 Mar 2020 16:23

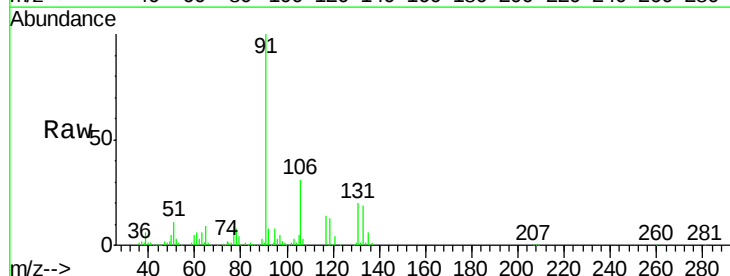
Tgt Ion:131 Resp: 115448

Ion Ratio Lower Upper

131 100

133 95.4 47.7 143.1

119 66.0 33.2 99.6



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.50

80000

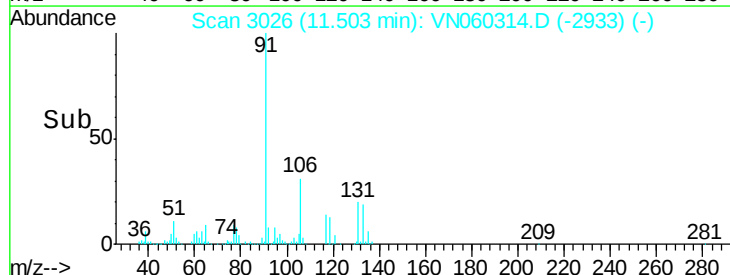
60000

40000

20000

0

Time-->





#67

Ethyl Benzene

Concen: 48.703 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN060314.D

Acq: 2 Mar 2020 16:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 563082

Ion Ratio Lower Upper

91 100

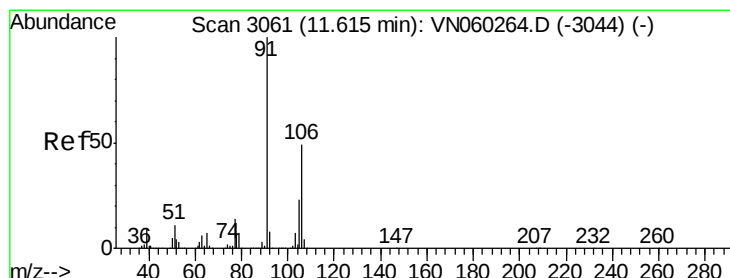
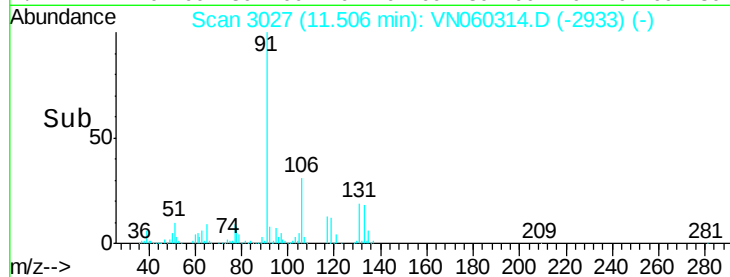
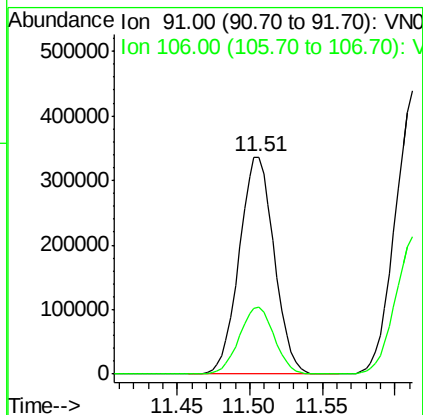
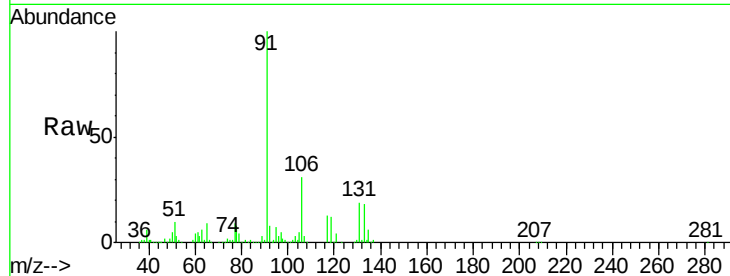
106 30.8 24.7 37.1

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#68

m/p-Xylenes

Concen: 96.467 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. 0.00 min

Lab File: VN060314.D

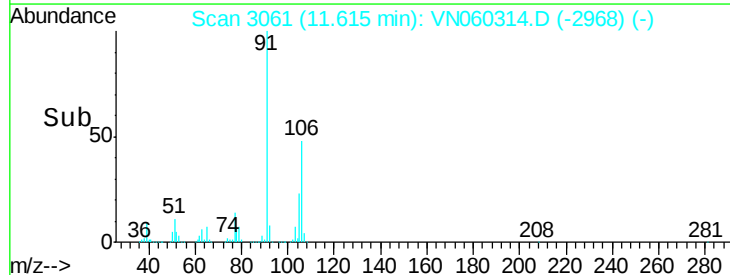
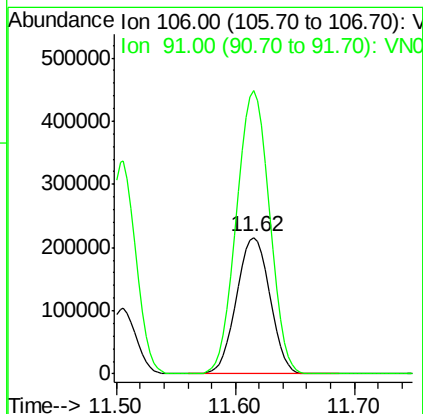
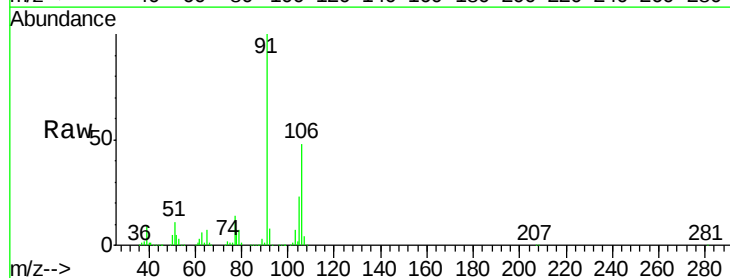
Acq: 2 Mar 2020 16:23

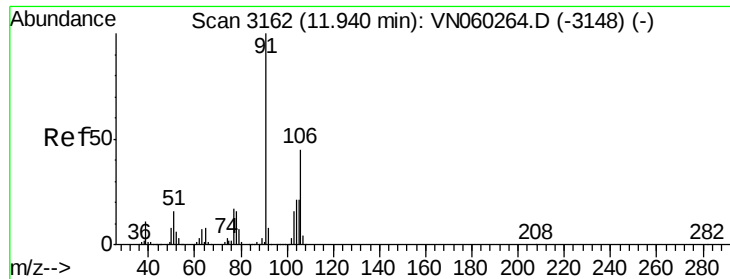
Tgt Ion: 106 Resp: 420795

Ion Ratio Lower Upper

106 100

91 205.7 164.5 246.7





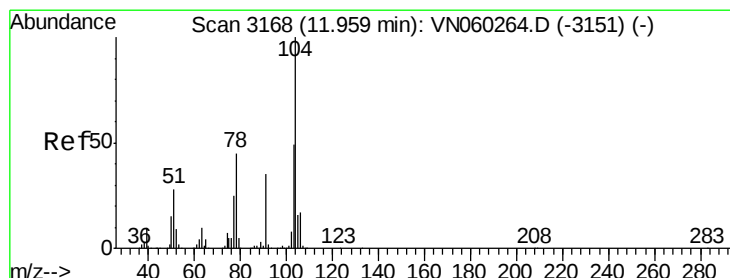
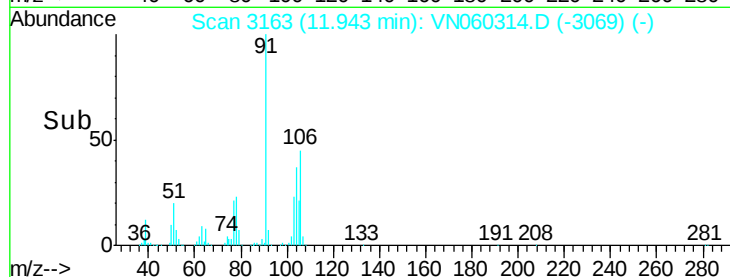
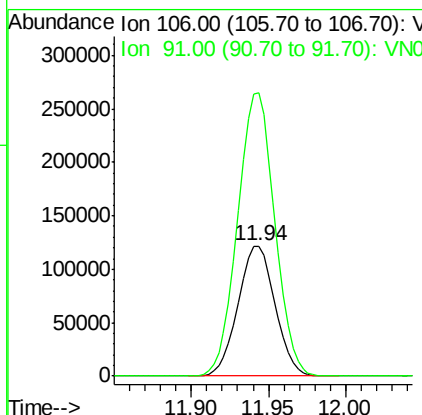
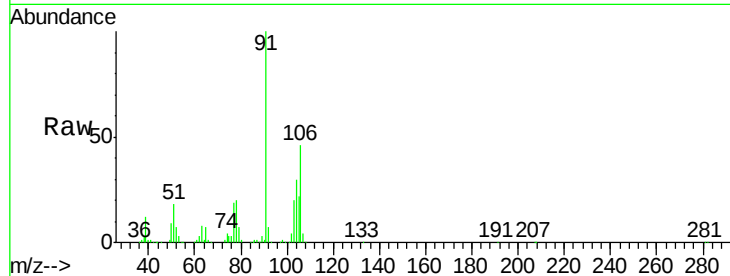
#69
o-Xylene
Concen: 48.778 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN060314.D
Acq: 2 Mar 2020 16:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	217.9	109.5	328.4	

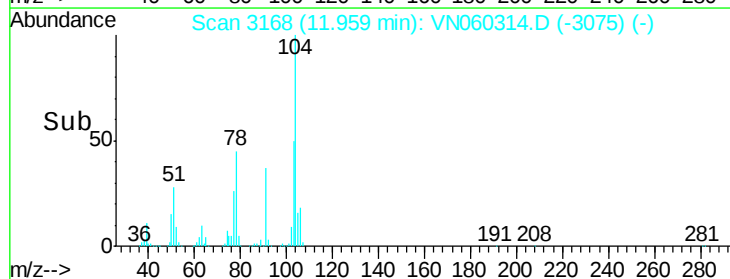
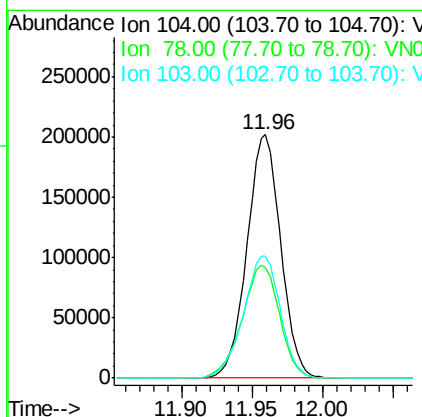
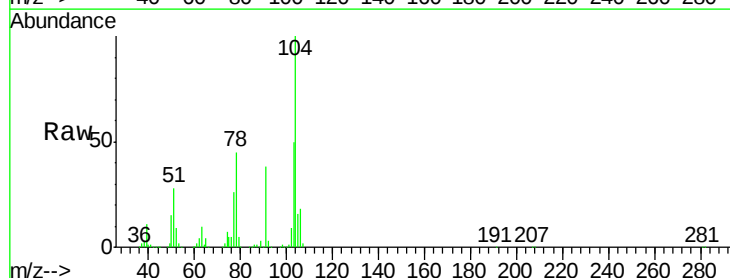
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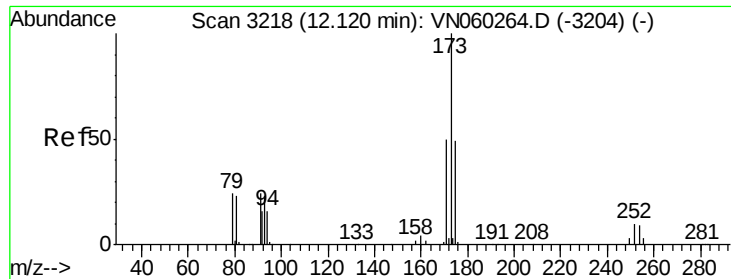
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#70
Styrene
Concen: 49.571 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN060314.D
Acq: 2 Mar 2020 16:23

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	51.2	41.2	61.8	
103	54.8	43.9	65.9	





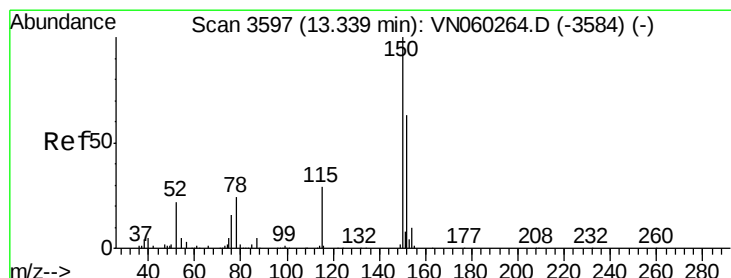
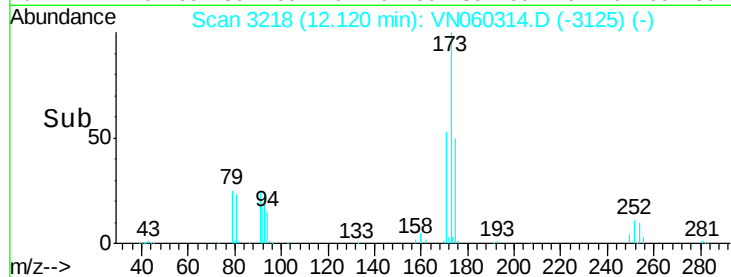
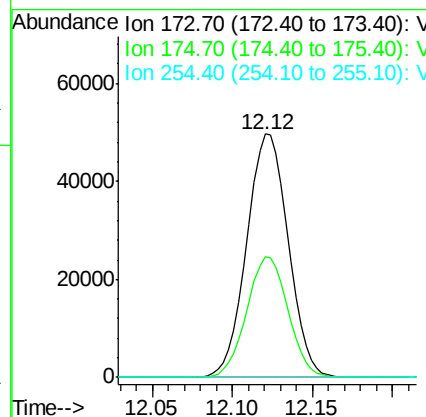
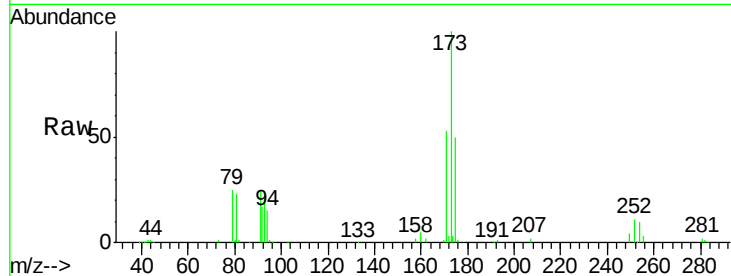
#71
Bromoform
Concen: 52.004 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN060314.D
Acq: 2 Mar 2020 16:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.1	72.2
254	0.0	0.0	0.0

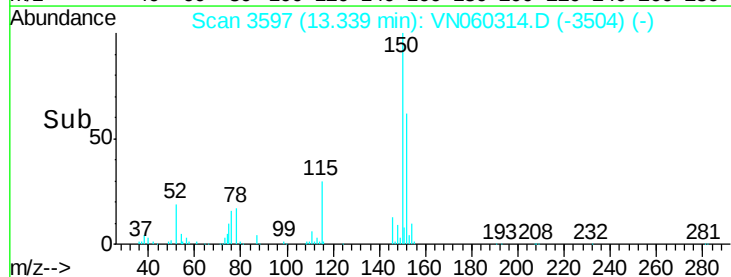
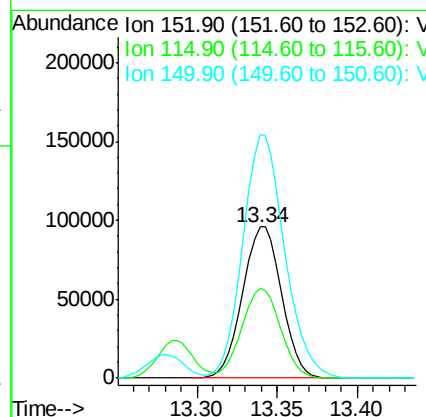
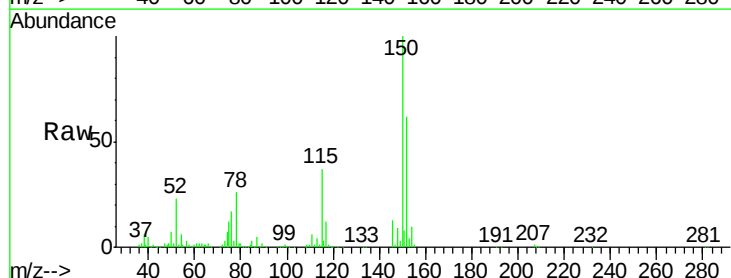
Manual Integrations
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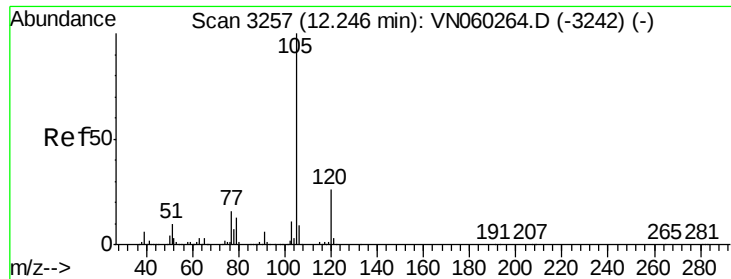
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060314.D
Acq: 2 Mar 2020 16:23

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.1	30.0	90.0
150	173.3	0.0	349.6





#73

Isopropylbenzene

Concen: 47.114 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN060314.D

Acq: 2 Mar 2020 16:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 556144

Ion Ratio Lower Upper

105 100

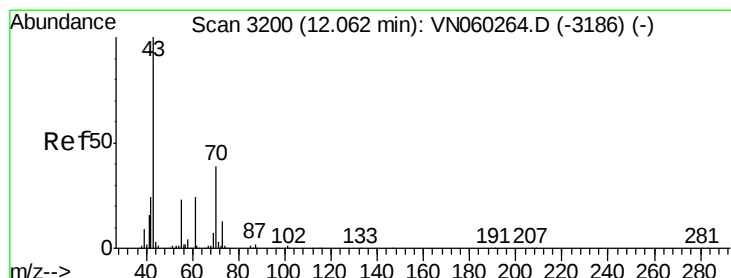
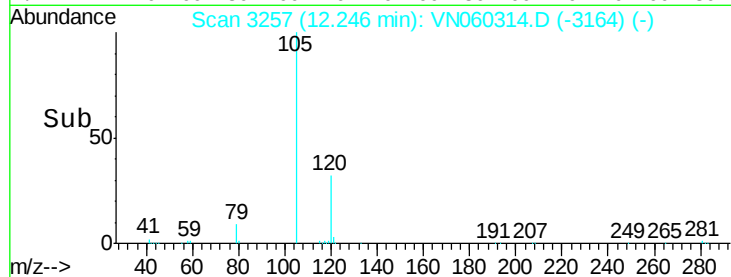
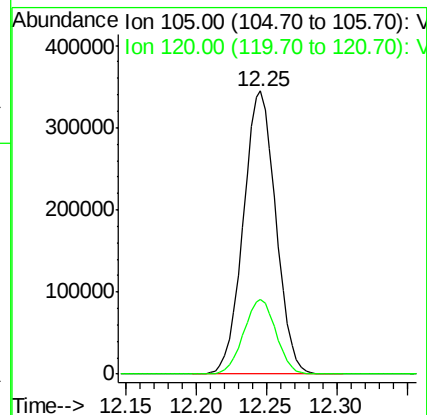
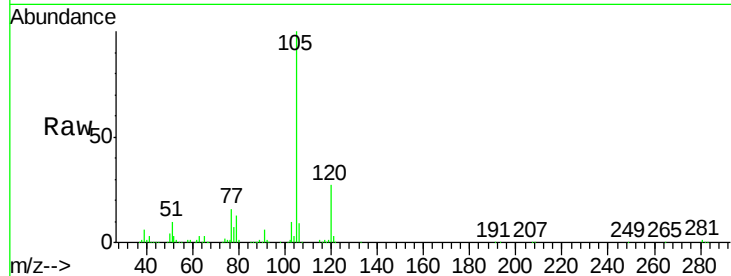
120 26.3 13.0 38.9

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#74

N-ethyl acetate

Concen: 48.035 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN060314.D

Acq: 2 Mar 2020 16:23

Tgt Ion: 43 Resp: 247772

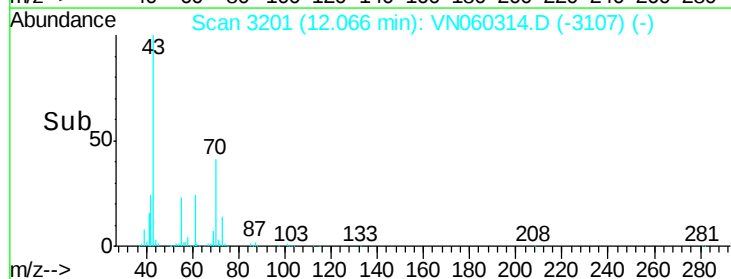
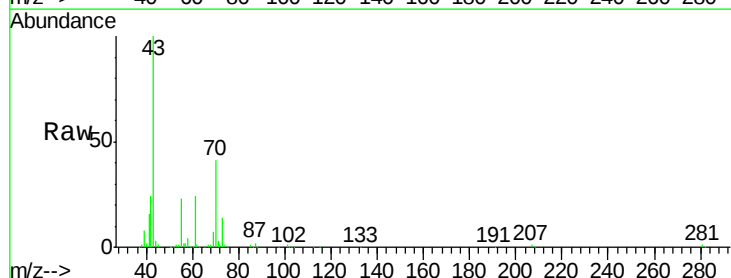
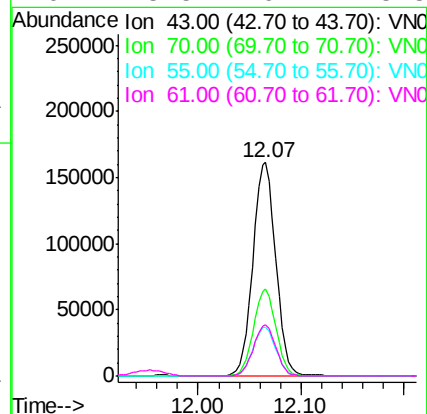
Ion Ratio Lower Upper

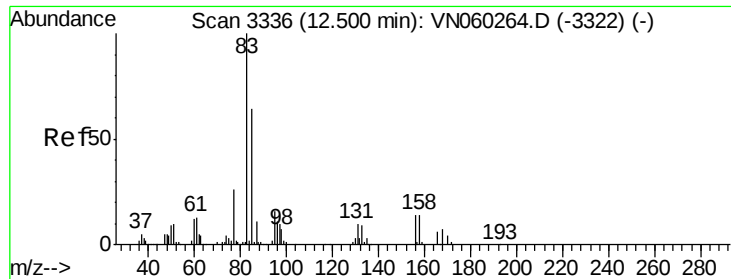
43 100

70 39.9 32.2 48.2

55 23.0 18.2 27.4

61 23.5 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 49.818 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN060314.D

Acq: 2 Mar 2020 16:23

Instrument :

MSVOA_N

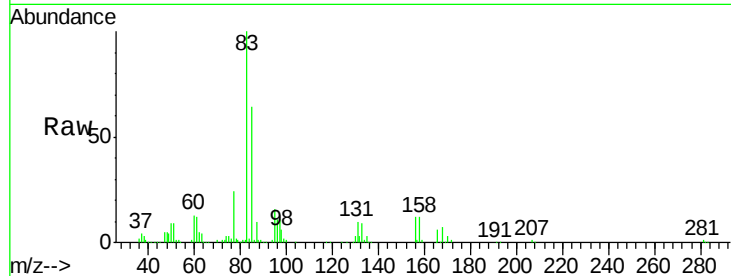
ClientSampleId :

VSTDCCC050EC

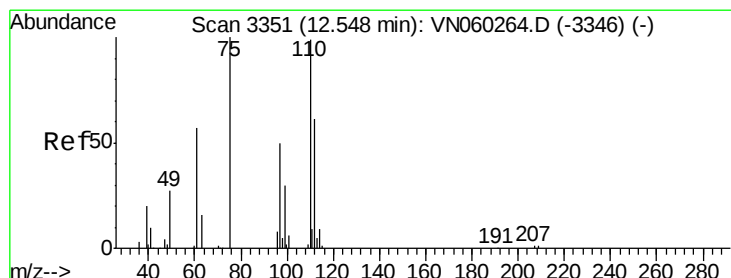
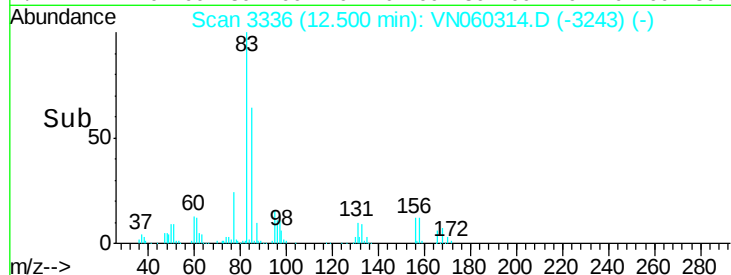
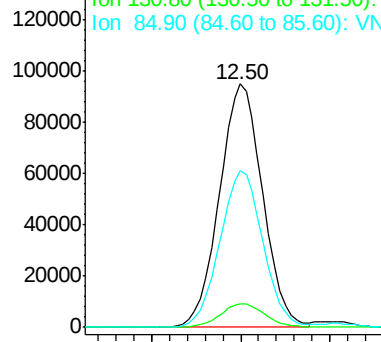
Tot Ion:	83	Resp:	159851
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.1	15.3
85	64.1	32.3	96.8

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VN060314.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 40.635 ug/l m

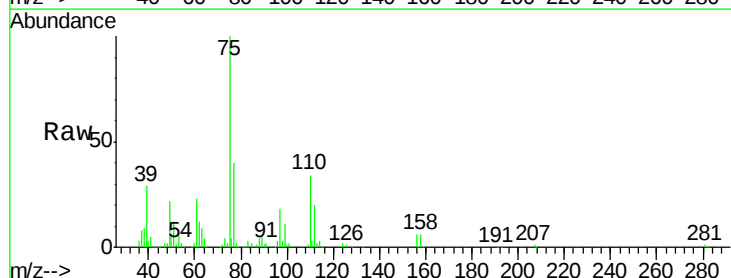
RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

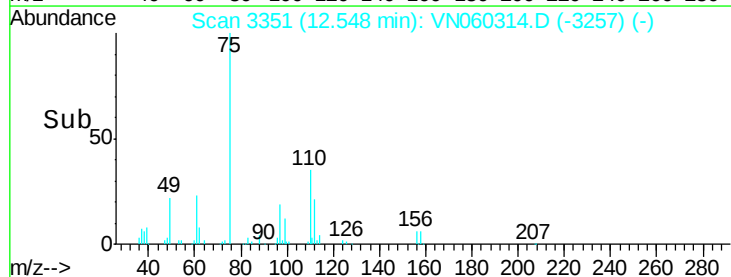
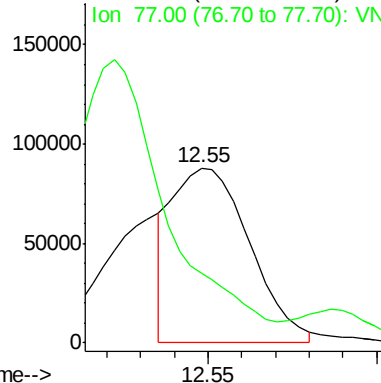
Lab File: VN060314.D

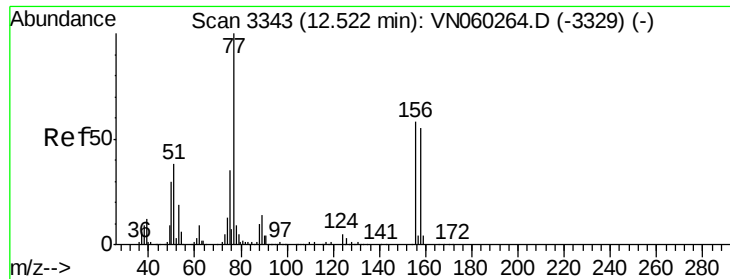
Acq: 2 Mar 2020 16:23

Tgt Ion:	75	Resp:	141984
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060314.D (-3257) (-)





#77

Bromobenzene

Concen: 46.035 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN060314.D

Acq: 2 Mar 2020 16:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 133204

Ion Ratio Lower Upper

156 100

77 215.0 106.1 318.3

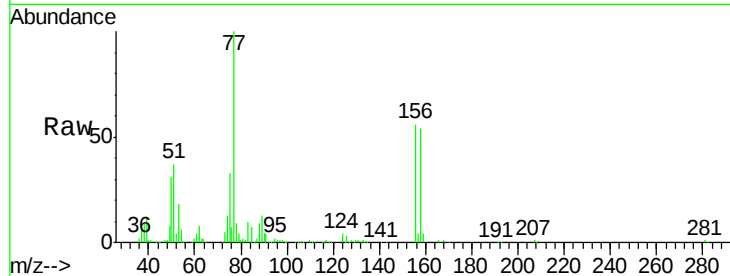
158 97.9 48.3 144.8

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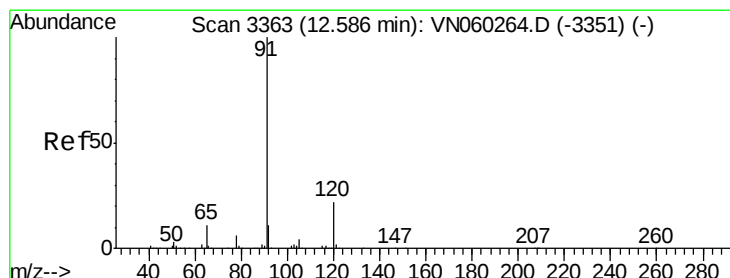
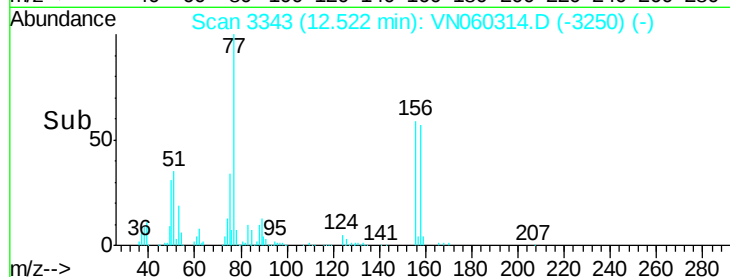
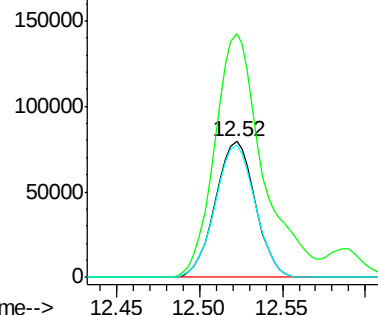
3/3/2020 10:04:04 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.326 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN060314.D

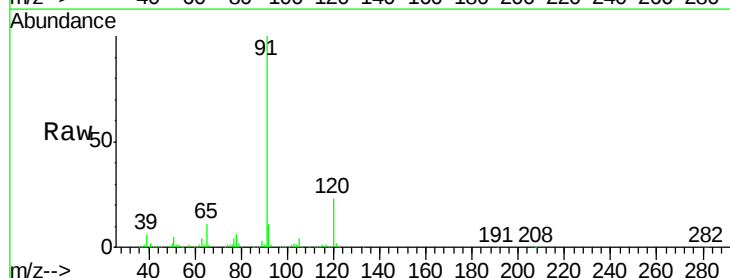
Acq: 2 Mar 2020 16:23

Tgt Ion: 91 Resp: 654837

Ion Ratio Lower Upper

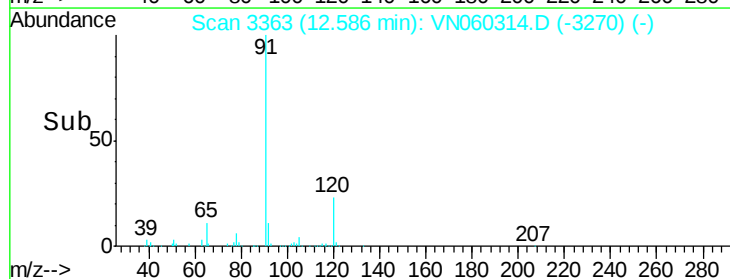
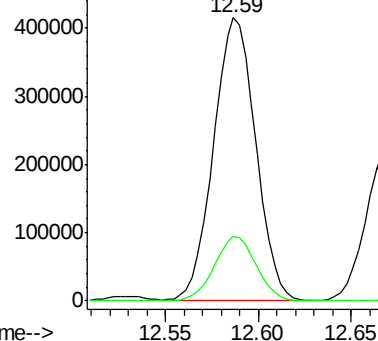
91 100

120 22.6 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.832 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN060314.D

Acq: 2 Mar 2020 16:23

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050EC

Tot Ion: 91 Resp: 380910

Ion Ratio Lower Upper

91 100

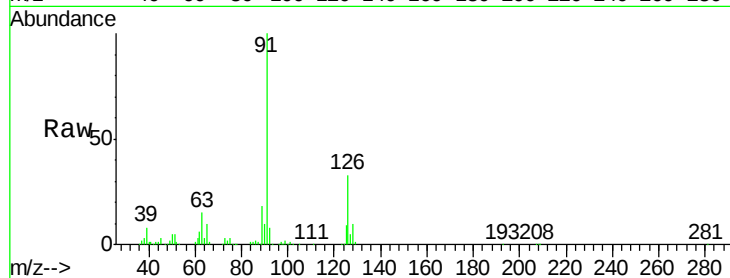
126 33.0 16.6 49.8

Manual Integrations

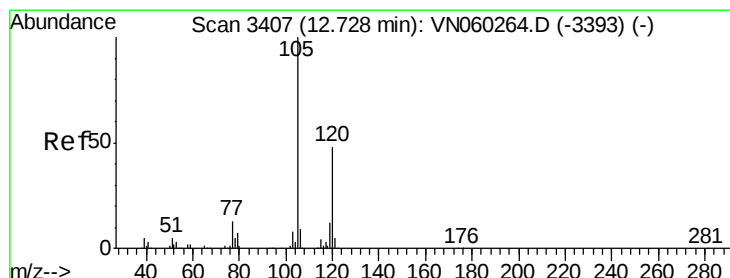
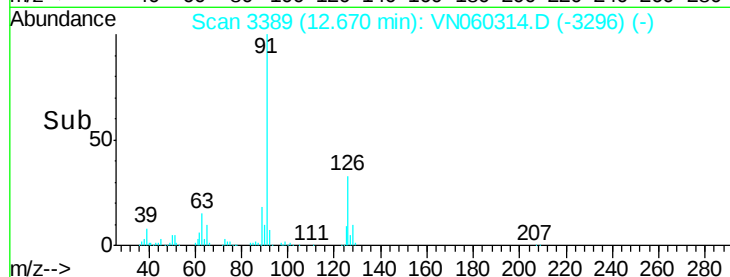
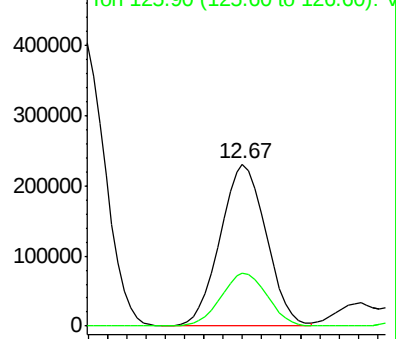
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Abundance Ion 91.00 (90.70 to 91.70): VN060314.D (-3296) (-)



#80

1,3,5-Trimethylbenzene

Concen: 47.623 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN060314.D

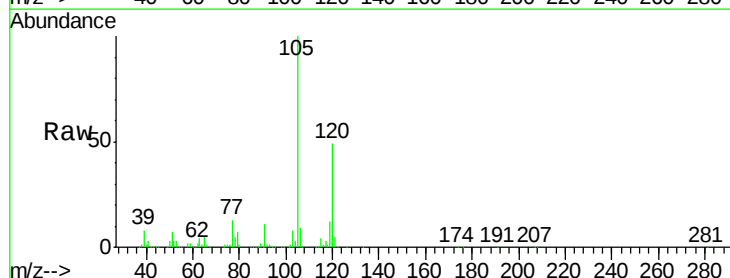
Acq: 2 Mar 2020 16:23

Tgt Ion: 105 Resp: 473308

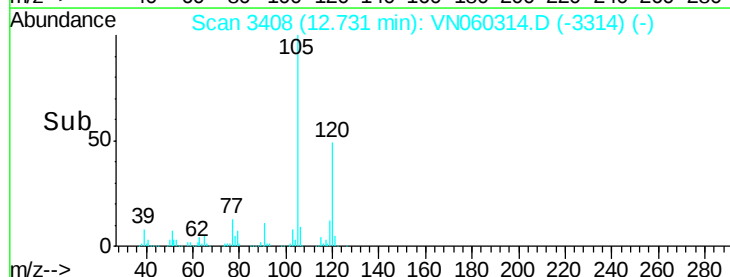
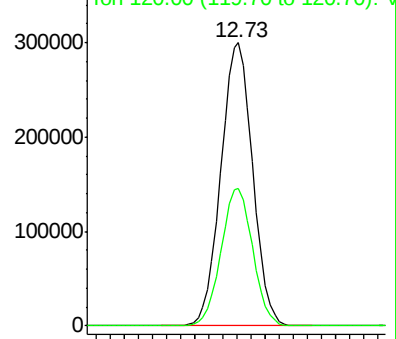
Ion Ratio Lower Upper

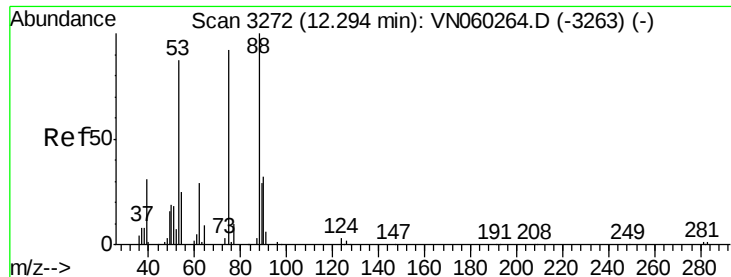
105 100

120 48.4 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN060314.D (-3314) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 49.603 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN060314.D

Acq: 2 Mar 2020 16:23

Instrument :

MSVOA_N

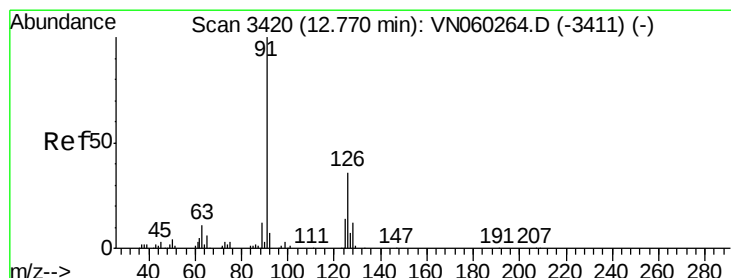
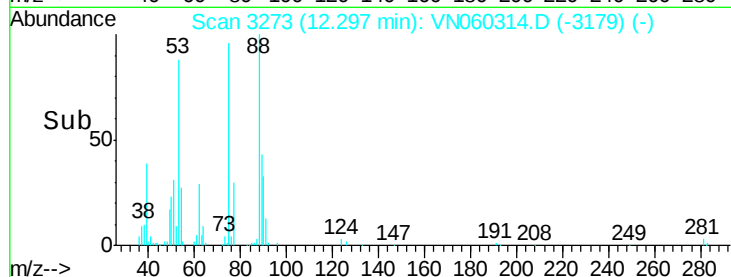
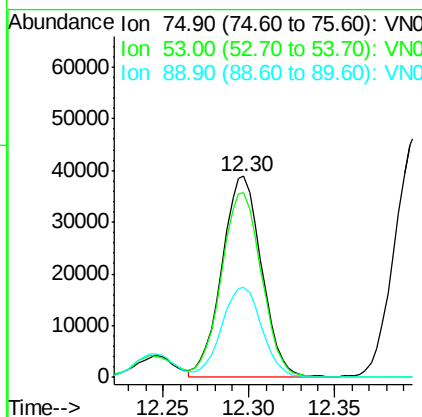
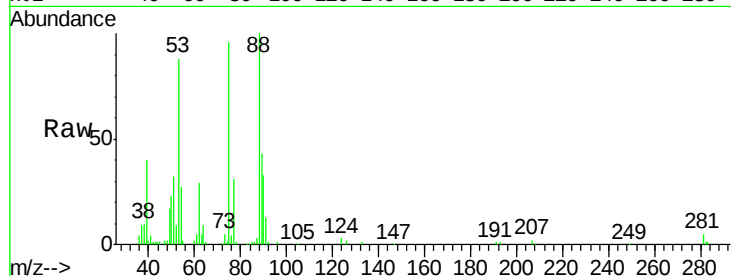
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	62787
Ion	Ratio	Lower	Upper
75	100		
53	92.9	73.8	110.6
89	45.6	57.1	85.7#

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#82

4-Chlorotoluene

Concen: 46.515 ug/l

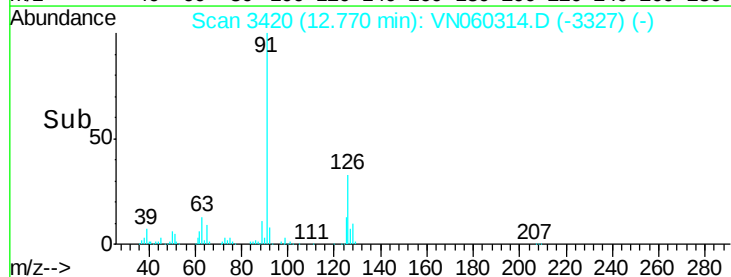
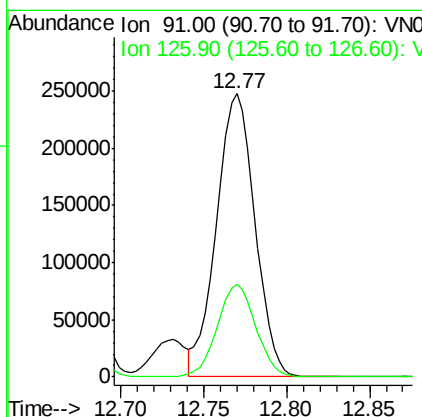
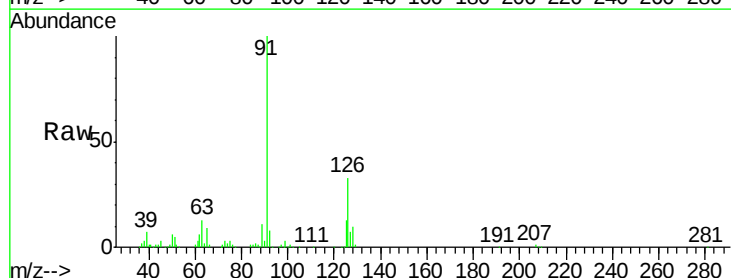
RT: 12.77 min Scan# 3420

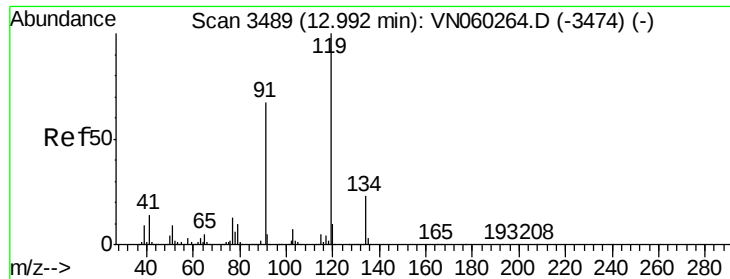
Delta R.T. 0.00 min

Lab File: VN060314.D

Acq: 2 Mar 2020 16:23

Tgt Ion:	91	Resp:	398601
Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.7	50.1





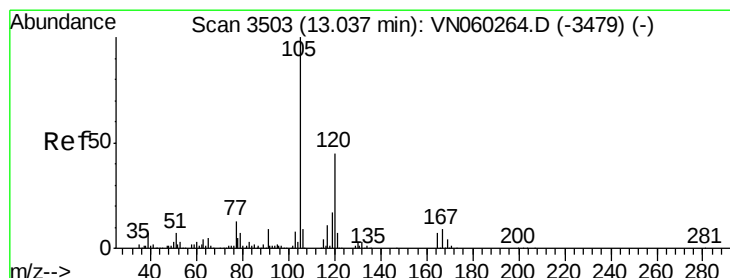
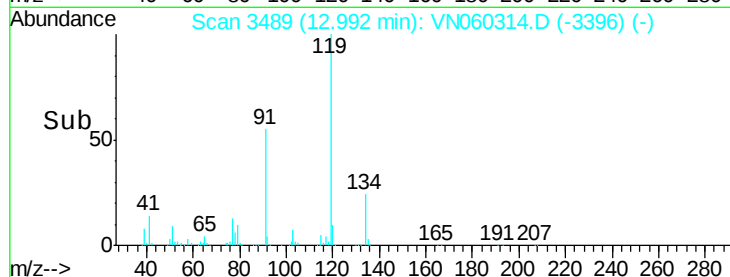
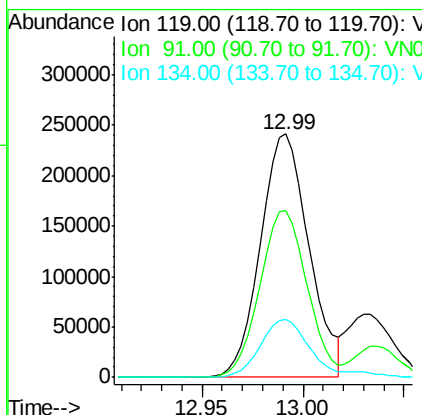
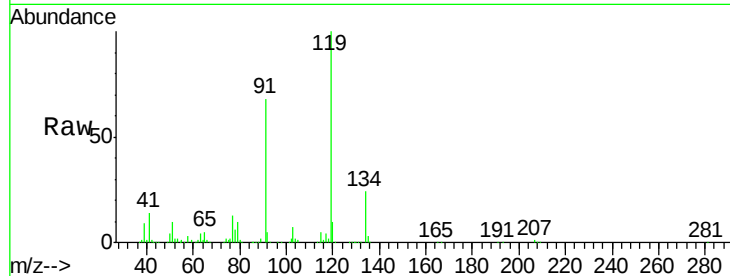
#83
tert-Butylbenzene
Concen: 46.996 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN060314.D
Acq: 2 Mar 2020 16:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.5	33.1	99.2
134	25.0	12.4	37.0

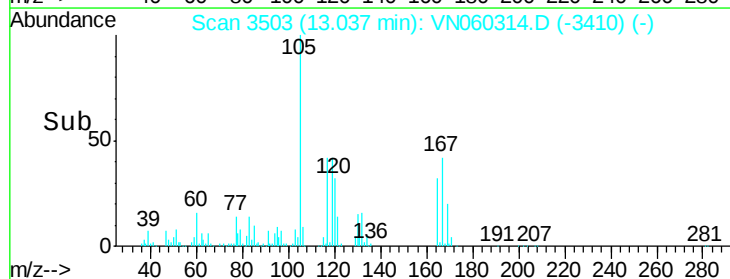
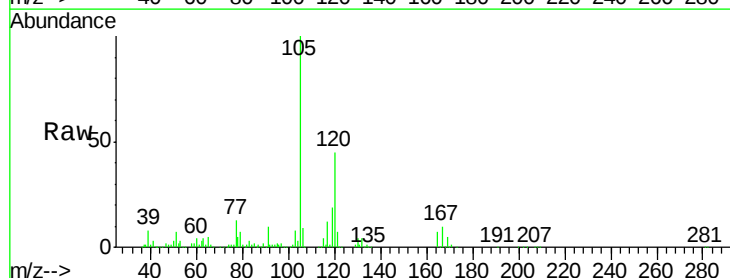
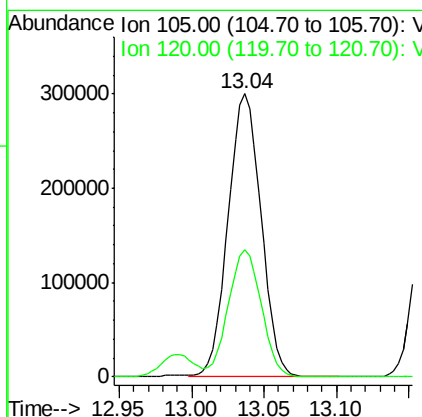
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#84
1,2,4-Trimethylbenzene
Concen: 47.356 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN060314.D
Acq: 2 Mar 2020 16:23

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.3	66.9





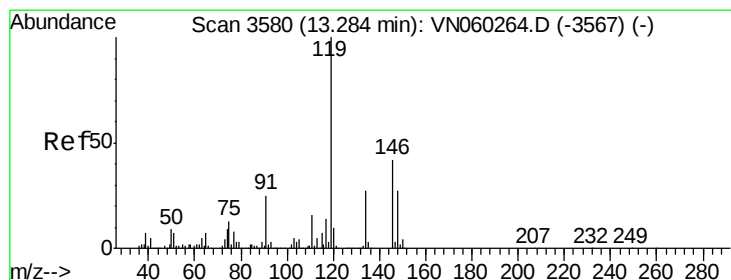
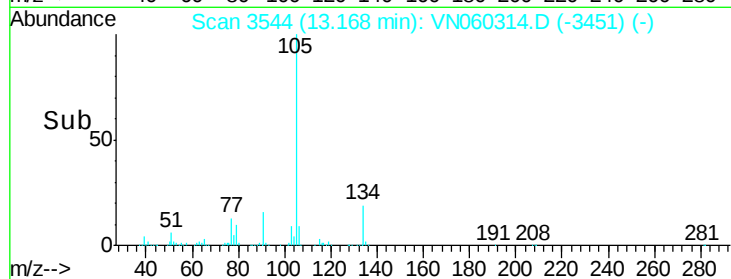
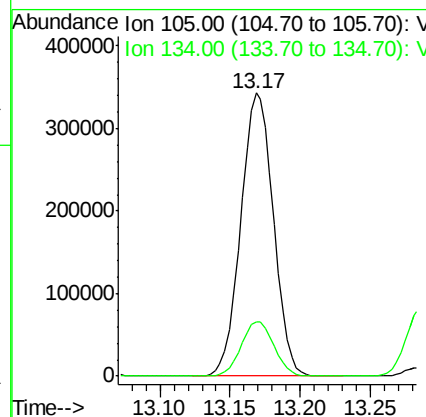
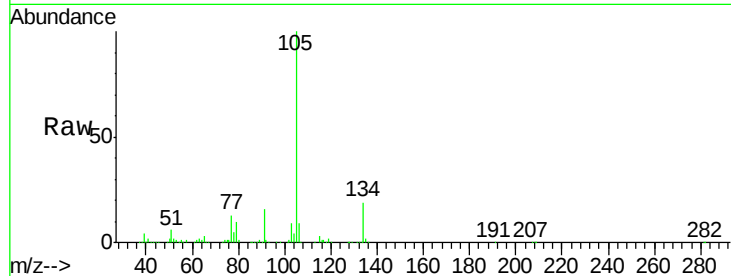
#85
 sec-Butylbenzene
 Concen: 48.085 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN060314.D
 Acq: 2 Mar 2020 16:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
105	100	554075		
134	19.4	9.8	29.5	

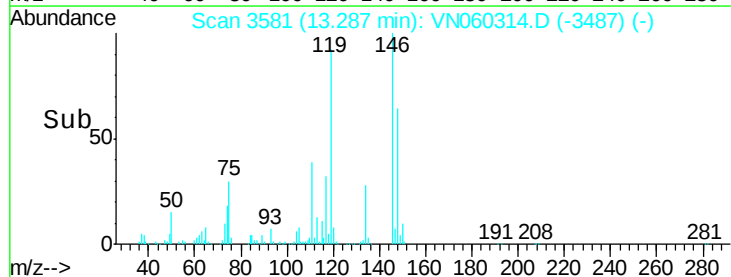
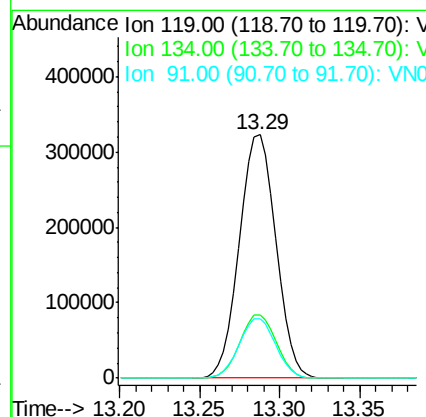
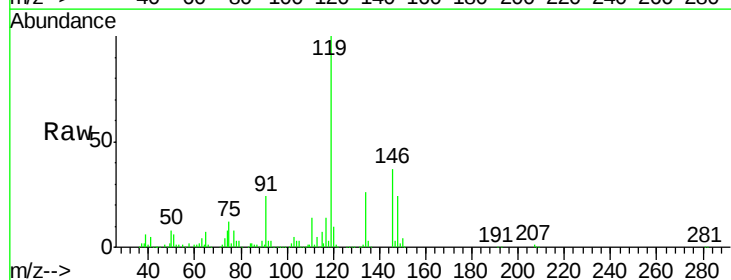
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#86
 p-Isopropyltoluene
 Concen: 46.994 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN060314.D
 Acq: 2 Mar 2020 16:23

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	501193		
134	25.9	13.2	39.6	
91	24.4	12.2	36.6	





#87

1,3-Dichlorobenzene

Concen: 49.244 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN060314.D

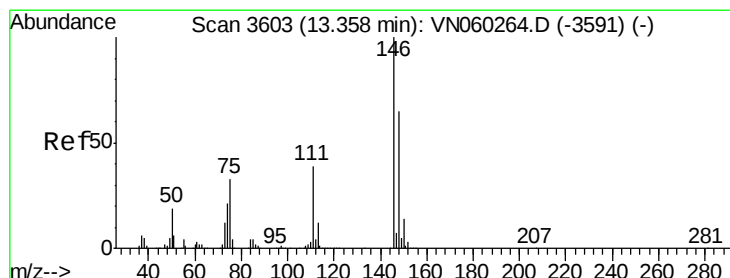
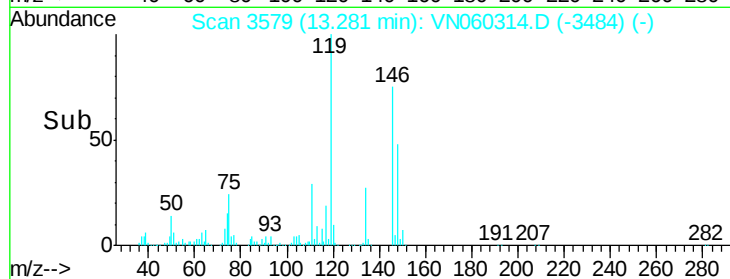
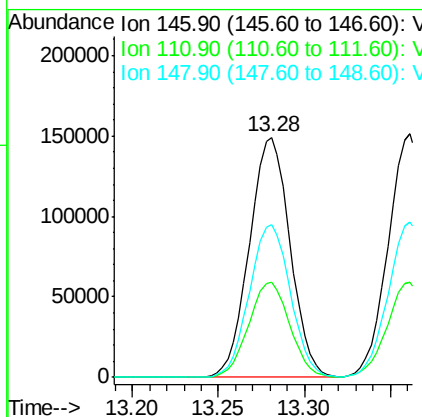
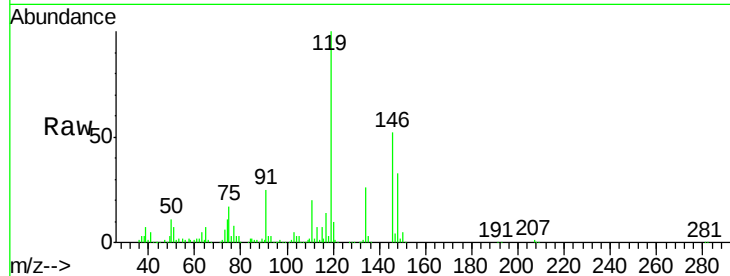
Acq: 2 Mar 2020 16:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.0	59.9
148	64.3	32.1	96.3

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#88

1,4-Dichlorobenzene

Concen: 49.335 ug/l

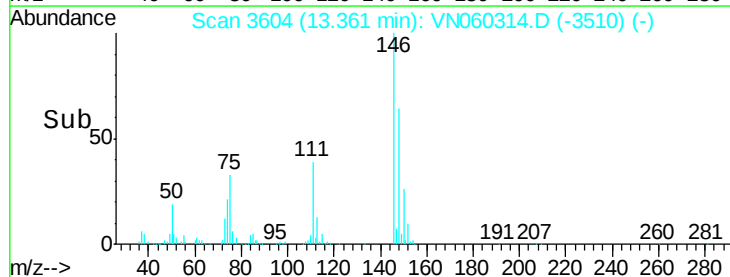
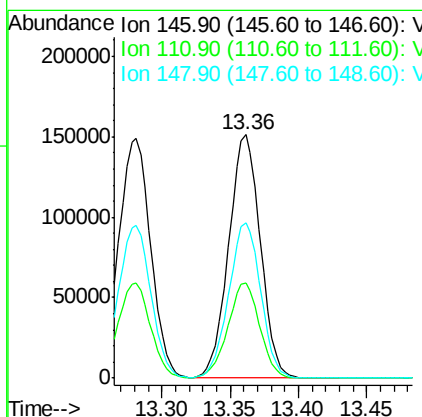
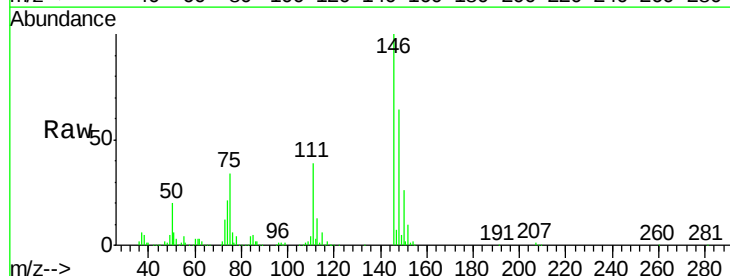
RT: 13.36 min Scan# 3604

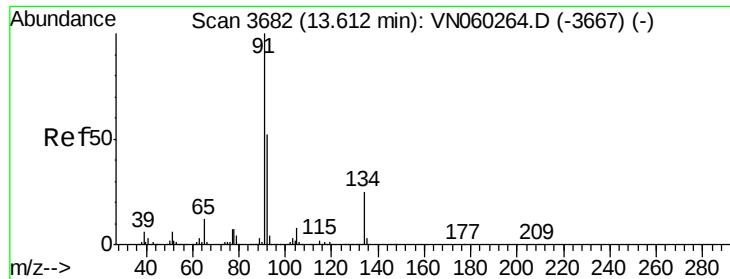
Delta R.T. 0.00 min

Lab File: VN060314.D

Acq: 2 Mar 2020 16:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.8	59.4
148	64.5	32.3	96.9





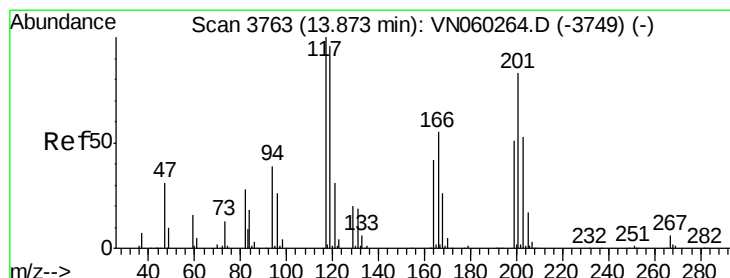
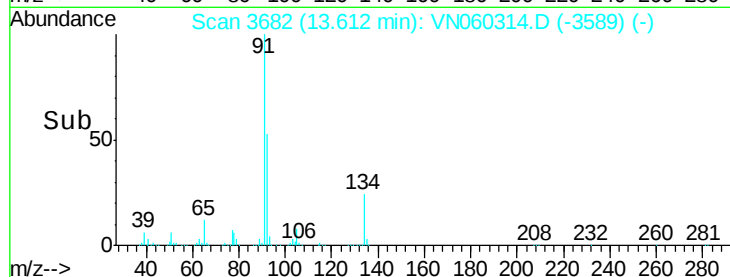
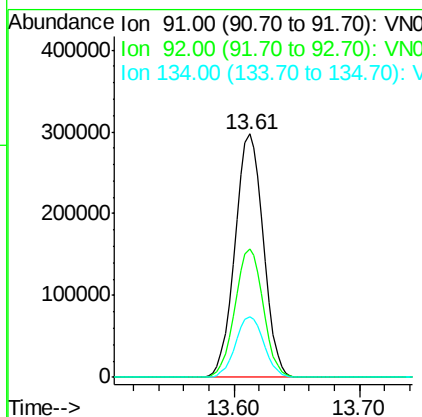
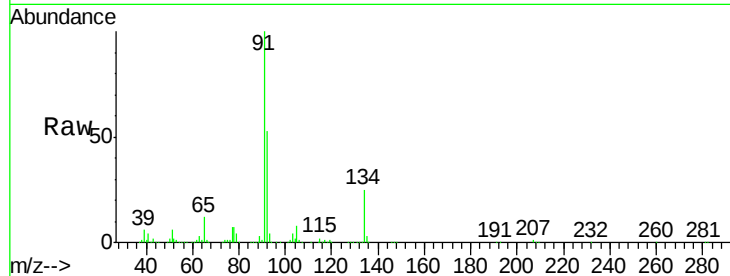
#89
n-Butylbenzene
Concen: 47.690 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN060314.D
Acq: 2 Mar 2020 16:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.0	78.0
134	24.9	12.7	38.1

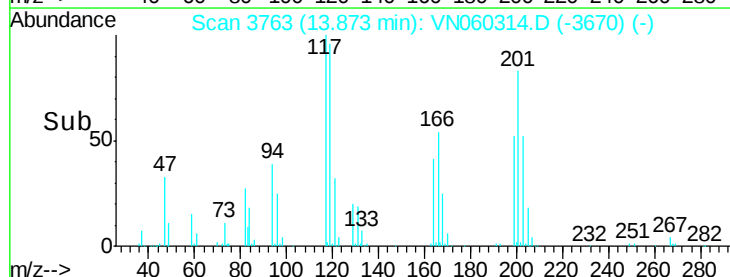
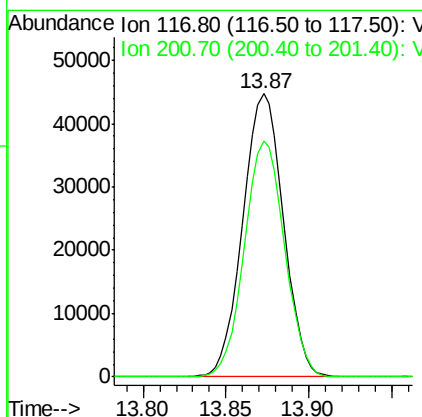
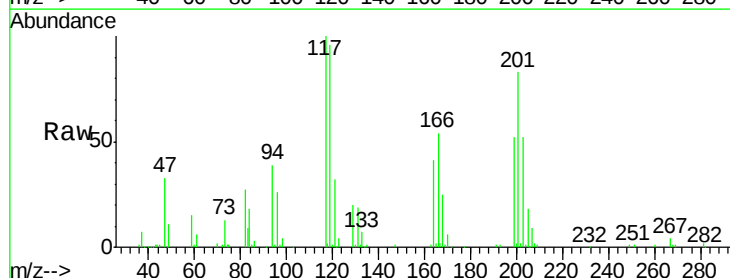
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#90
Hexachloroethane
Concen: 49.300 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN060314.D
Acq: 2 Mar 2020 16:23

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.4	41.0	123.0





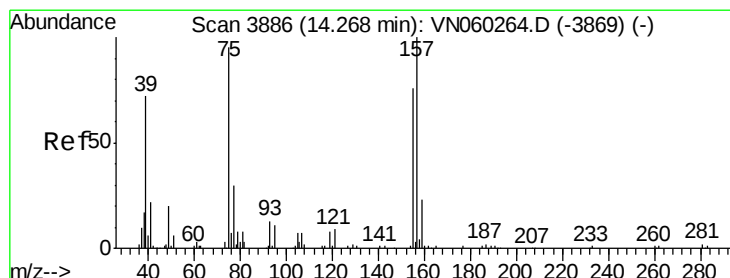
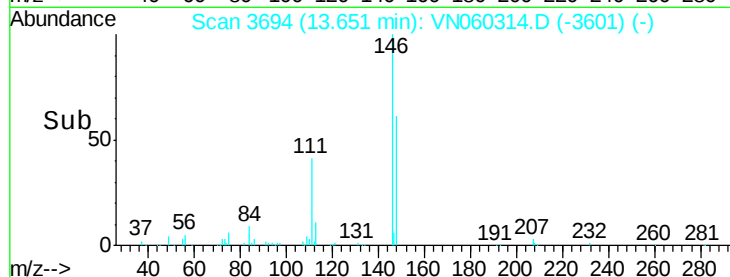
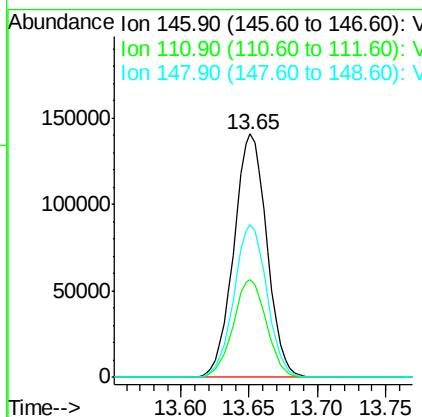
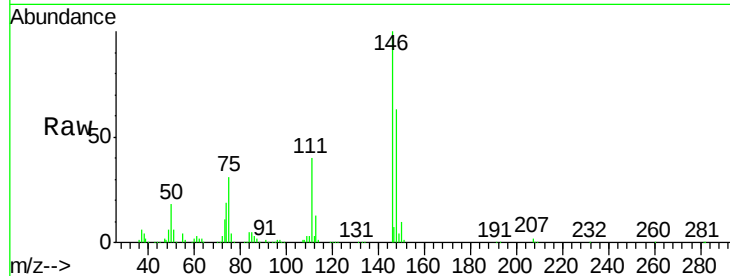
#91
 1,2-Dichlorobenzene
 Concen: 46.556 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN060314.D
 Acq: 2 Mar 2020 16:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.3	61.0
148	62.8	31.8	95.3

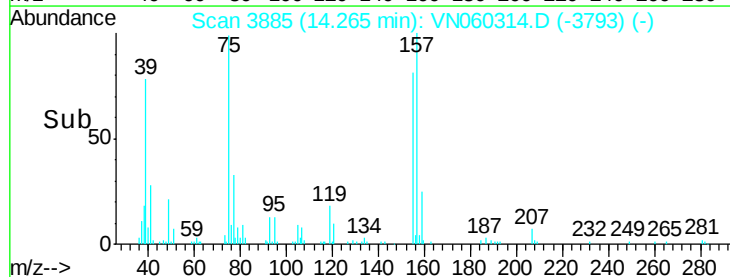
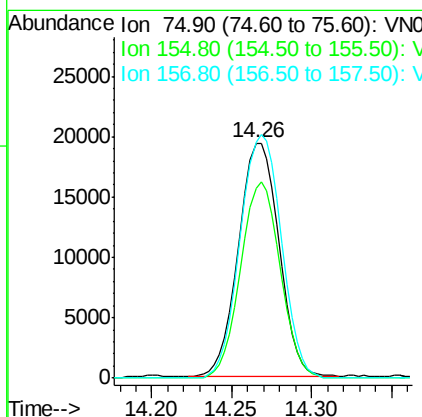
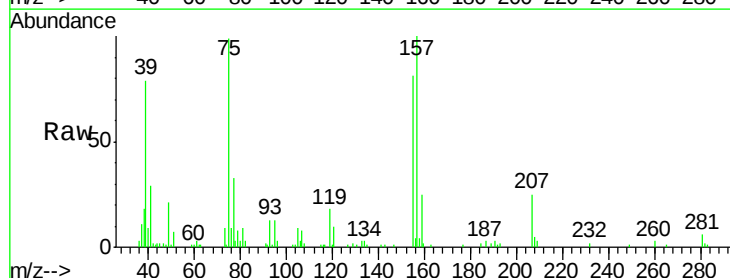
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.694 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. -0.00 min
 Lab File: VN060314.D
 Acq: 2 Mar 2020 16:23

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.7	40.4	121.2
157	107.0	52.5	157.5





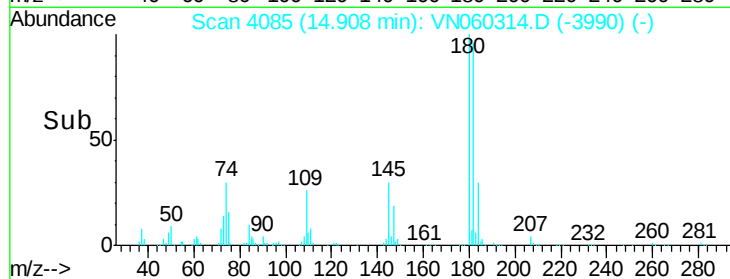
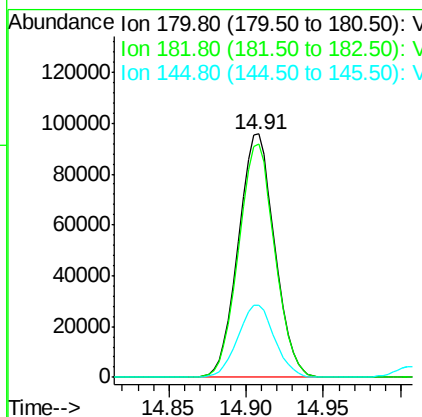
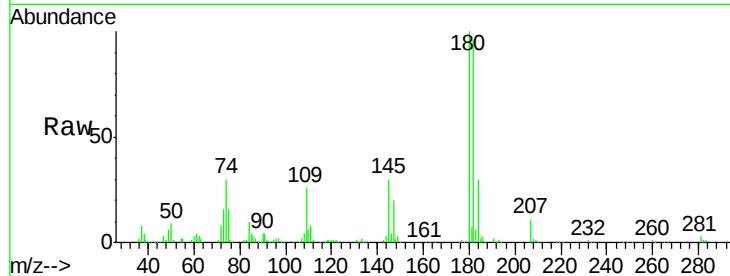
#93
 1,2,4-Trichlorobenzene
 Concen: 48.492 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN060314.D
 Acq: 2 Mar 2020 16:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	156216		
182	95.7	47.8	143.3	
145	30.0	15.4	46.1	

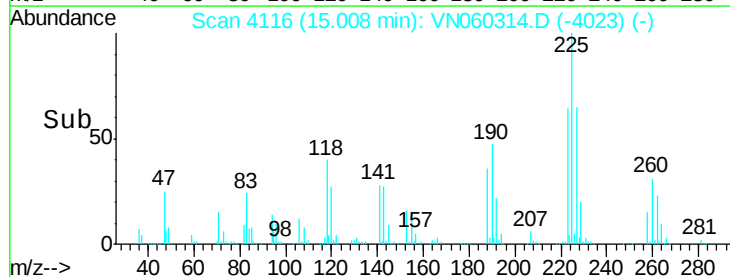
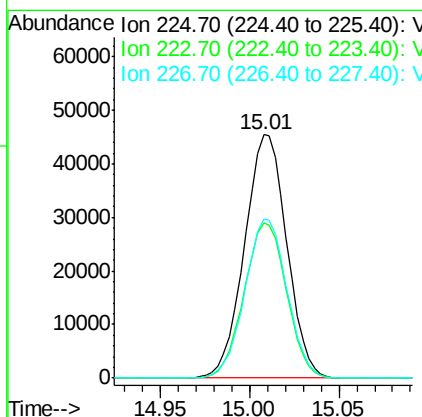
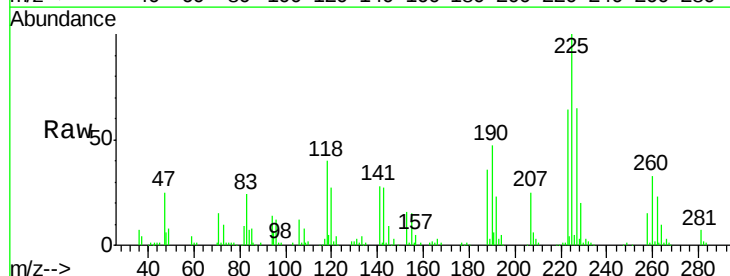
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#94
 Hexachlorobutadiene
 Concen: 50.688 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN060314.D
 Acq: 2 Mar 2020 16:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	75055		
223	64.1	31.3	93.9	
227	64.9	32.3	96.9	





#95

Naphthalene

Concen: 47.932 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN060314.D

Acq: 2 Mar 2020 16:23

Instrument :

MSVOA_N

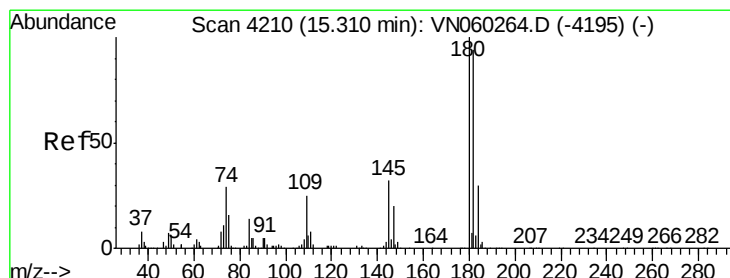
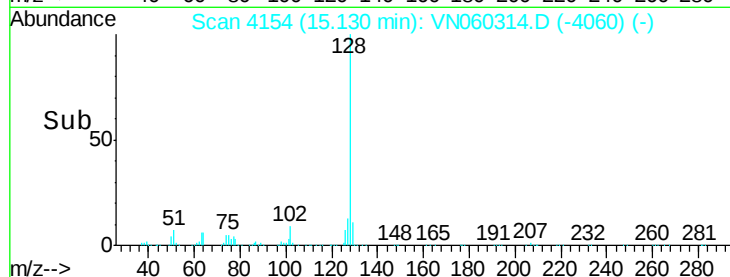
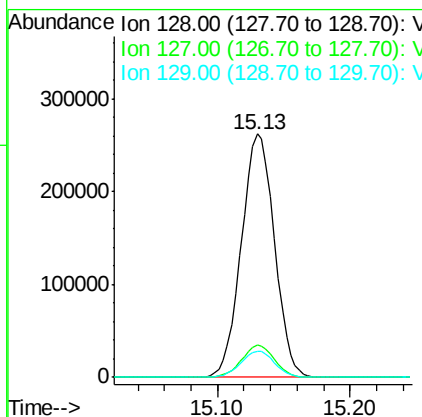
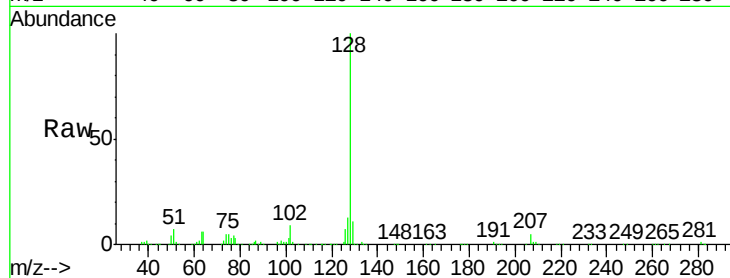
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	454948
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	10.9	8.6	13.0

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#96

1,2,3-Trichlorobenzene

Concen: 48.611 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN060314.D

Acq: 2 Mar 2020 16:23

Tgt Ion:	180	Resp:	147503
Ion Ratio	Lower	Upper	
180	100		
182	95.1	47.3	142.0
145	32.2	16.2	48.5

