

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060319\
 Data File : VN055950.D
 Acq On : 3 Jun 2019 9:55
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/4/2019 11:24:34 AM

Quant Time: Jun 03 17:12:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	322822	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	470678	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	422488	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	197755	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	163253	48.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.94%	
35) Dibromofluoromethane	7.59	113	145279	48.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.64%	
50) Toluene-d8	10.09	98	552815	48.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.86%	
62) 4-Bromofluorobenzene	12.40	95	195964	50.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.14%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.85	85	100375	46.200	ug/l	99
3) Chloromethane	2.06	50	141548	46.500	ug/l	99
4) Vinyl Chloride	2.18	62	148648	45.783	ug/l	100
5) Bromomethane	2.53	94	121785m	59.956	ug/l	
6) Chloroethane	2.68	64	94971	48.584	ug/l	98
7) Trichlorofluoromethane	3.00	101	210730	49.506	ug/l	100
8) Diethyl Ether	3.40	74	91953	48.198	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.74	101	139667	52.563	ug/l	98
10) Methyl Iodide	3.94	142	201327	51.825	ug/l	99
11) Tert butyl alcohol	4.81	59	156256m	245.305	ug/l	
12) 1,1-Dichloroethene	3.72	96	133808	48.737	ug/l	97
13) Acrolein	3.60	56	116850	256.188	ug/l	98
14) Allyl chloride	4.31	41	233605	49.633	ug/l	98
15) Acrylonitrile	4.99	53	384328	262.755	ug/l	100
16) Acetone	3.82	43	407745	278.232	ug/l	100
17) Carbon Disulfide	4.04	76	307057	39.364	ug/l	100
18) Methyl Acetate	4.32	43	169459	57.057	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	470323	51.364	ug/l	99
20) Methylene Chloride	4.54	84	158739	50.016	ug/l	99
21) trans-1,2-Dichloroethene	5.03	96	145686	49.392	ug/l	98
22) Diisopropyl ether	5.95	45	479341	52.363	ug/l	99
23) Vinyl Acetate	5.89	43	1974353	251.552	ug/l	100
24) 1,1-Dichloroethane	5.84	63	270205	50.696	ug/l	100
25) 2-Butanone	6.84	43	546862	267.196	ug/l	99
26) 2,2-Dichloropropane	6.82	77	224722	48.718	ug/l	100
27) cis-1,2-Dichloroethene	6.82	96	177688	51.635	ug/l	99
28) Bromochloromethane	7.19	49	127582	50.276	ug/l	98
29) Tetrahydrofuran	7.21	42	330714	255.161	ug/l	100
30) Chloroform	7.37	83	273292	51.415	ug/l	98
31) Cyclohexane	7.65	56	241493	48.260	ug/l	95
32) 1,1,1-Trichloroethane	7.56	97	230627	48.622	ug/l	100
36) 1,1-Dichloropropene	7.79	75	203884	49.707	ug/l	99
37) Ethyl Acetate	6.93	43	203302	51.282	ug/l	99
38) Carbon Tetrachloride	7.77	117	196280	45.940	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	257609	50.717	ug/l	99
40) Benzene	8.04	78	632524	51.167	ug/l	100
41) Methacrylonitrile	7.17	41	90305	45.089	ug/l	89
42) 1,2-Dichloroethane	8.12	62	202570	50.148	ug/l	100
43) Isopropyl Acetate	8.16	43	328646	49.340	ug/l	100
44) Trichloroethene	8.83	130	179358	52.044	ug/l	99
45) 1,2-Dichloropropane	9.12	63	170080	52.807	ug/l	99
46) Dibromomethane	9.20	93	109902	52.031	ug/l	99
47) Bromodichloromethane	9.40	83	212945	49.165	ug/l	98
48) Methyl methacrylate	9.20	41	158311	51.570	ug/l	98
49) 1,4-Dioxane	9.20	88	68449	1072.985	ug/l	93
51) 4-Methyl-2-Pentanone	9.98	43	1025649	260.722	ug/l	100
52) Toluene	10.15	92	402060	51.713	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	232491	50.287	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	259934	50.752	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	164356	52.769	ug/l	99
56) Ethyl methacrylate	10.43	69	247351	51.386	ug/l	98
57) 1,3-Dichloropropane	10.71	76	267749	52.886	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	437422	237.785	ug/l	99
59) 2-Hexanone	10.75	43	736318	263.845	ug/l	99
60) Dibromochloromethane	10.90	129	175283	48.309	ug/l	98
61) 1,2-Dibromoethane	11.00	107	169676	52.520	ug/l	100
64) Tetrachloroethene	10.63	164	178012	49.956	ug/l	99
65) Chlorobenzene	11.43	112	434032	51.318	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	161651	47.922	ug/l	99
67) Ethyl Benzene	11.51	91	773741	51.014	ug/l	99
68) m/p-Xylenes	11.62	106	592782	103.382	ug/l	99
69) o-Xylene	11.95	106	290698	51.100	ug/l	99
70) Styrene	11.96	104	488942	53.074	ug/l	100
71) Bromoform	12.13	173	129196	44.903	ug/l #	99
73) Isopropylbenzene	12.25	105	774309	55.328	ug/l	100
74) N-amyl acetate	12.07	43	278027	52.010	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	231232	55.891	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	187188m	55.306	ug/l	
77) Bromobenzene	12.53	156	204730	48.515	ug/l	99
78) n-propylbenzene	12.59	91	858332	49.939	ug/l	100
79) 2-Chlorotoluene	12.67	91	512029	55.592	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	647770	54.961	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	65233	44.383	ug/l	94
82) 4-Chlorotoluene	12.77	91	503136	49.799	ug/l	99
83) tert-Butylbenzene	12.99	119	572941	56.363	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	643184	54.626	ug/l	100
85) sec-Butylbenzene	13.17	105	759893	57.433	ug/l	99
86) p-Isopropyltoluene	13.29	119	691123	50.325	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	346801	51.901	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	332368	52.318	ug/l	100
89) n-Butylbenzene	13.61	91	549197	52.192	ug/l	99
90) Hexachloroethane	13.87	117	112633	43.088	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	336888	50.534	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	37488	42.783	ug/l	99

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QLast Update : Fri May 24 06:41:54 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	182567	47.773	ug/l	99
94) Hexachlorobutadiene	15.01	225	129545	55.414	ug/l	99
95) Naphthalene	15.13	128	468036	51.163	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	189149	53.674	ug/l	100

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

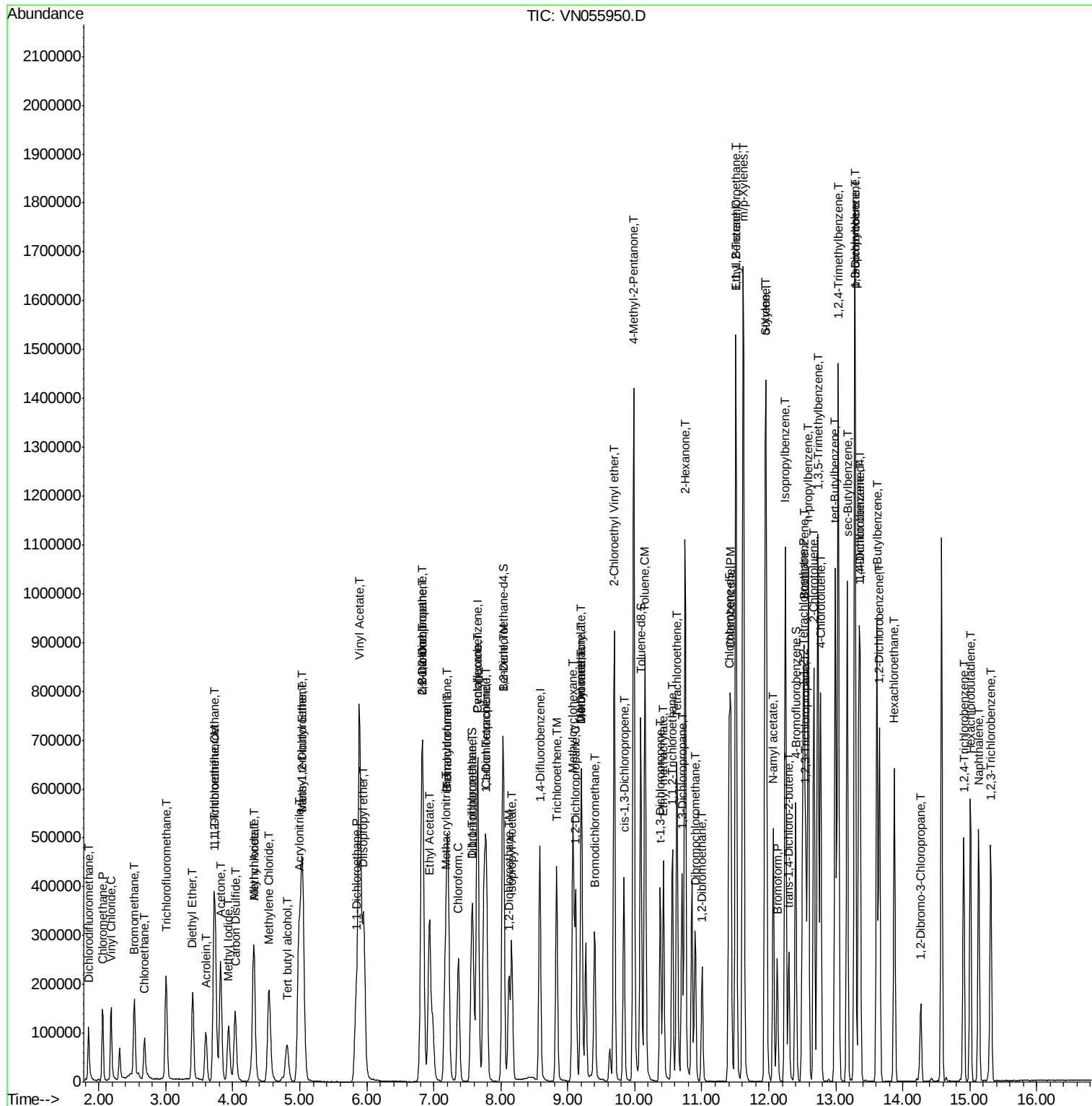
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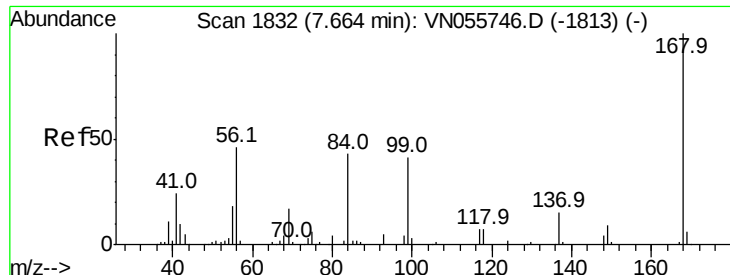
Instrument :
MSVOA_N
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VSTDCCC050

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 322822

Ion Ratio Lower Upper

168 100

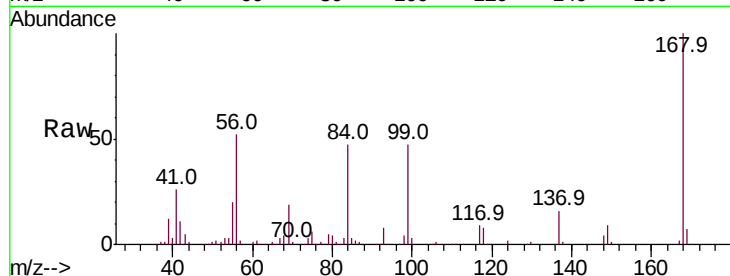
99 46.2 37.2 55.8

Manual Integrations

APPROVED

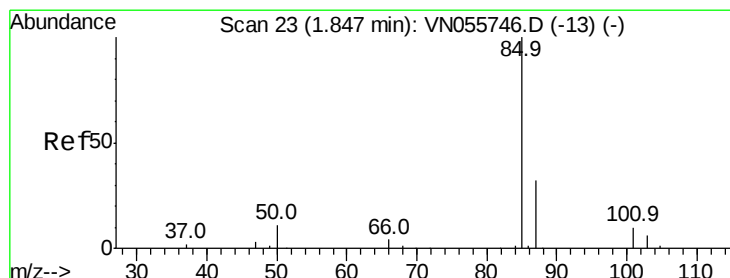
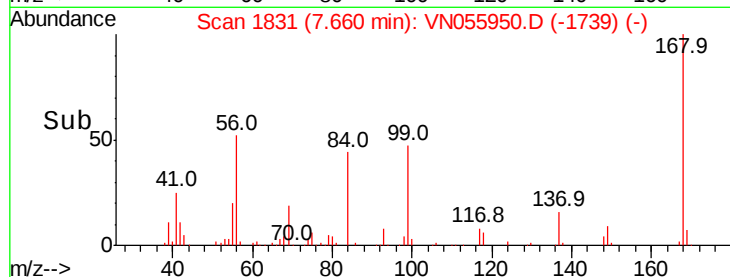
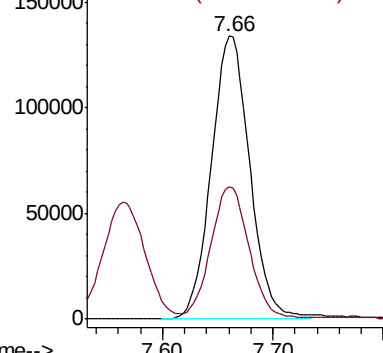
MMDadoda

6/4/2019 11:24:34 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 46.200 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN055950.D

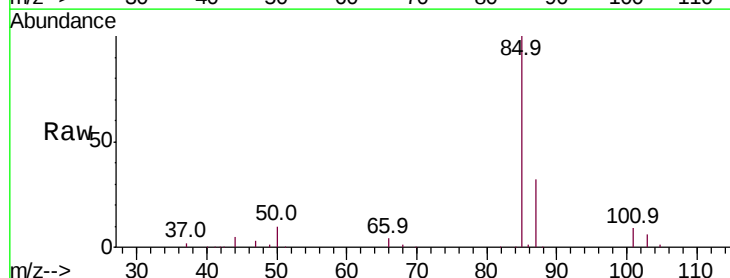
Acq: 3 Jun 2019 9:55

Tgt Ion: 85 Resp: 100375

Ion Ratio Lower Upper

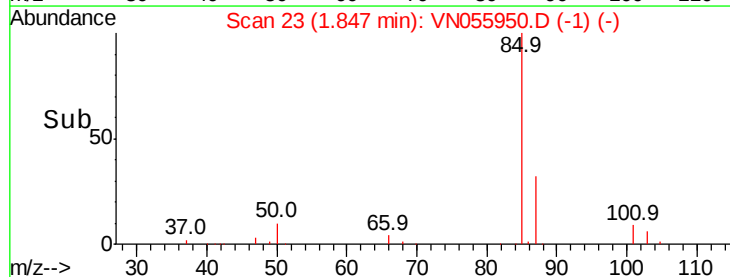
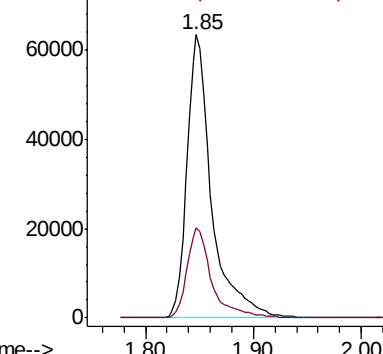
85 100

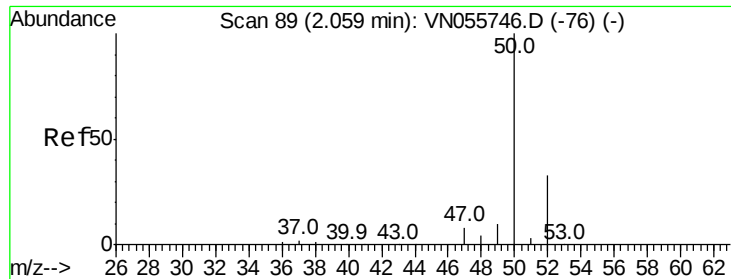
87 31.9 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 46.500 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

Tot Ion: 50 Resp: 141548

Ion Ratio Lower Upper

50 100

52 32.8 26.6 40.0

Instrument :

MSVOA_N

ClientSampled :

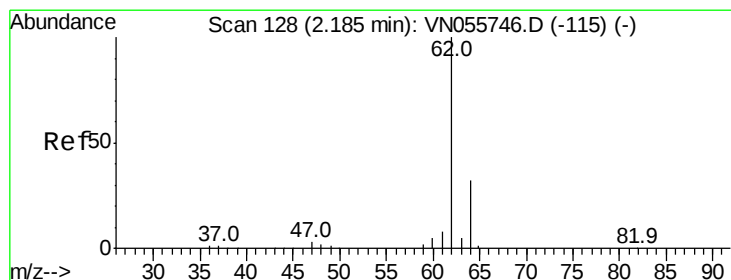
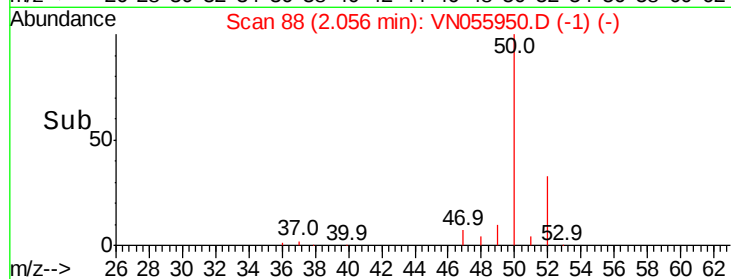
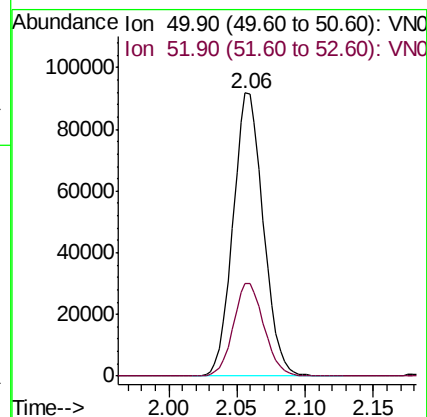
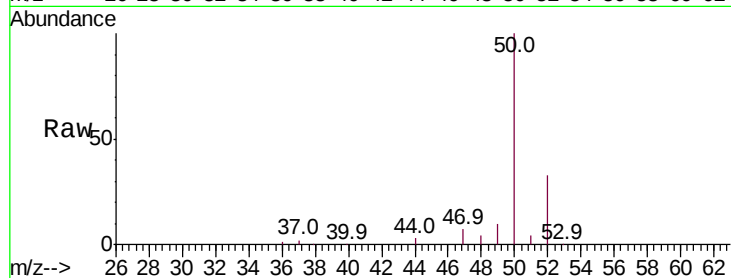
VSTDCCC050

Manual Integrations

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#4

Vinyl Chloride

Concen: 45.783 ug/l

RT: 2.18 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN055950.D

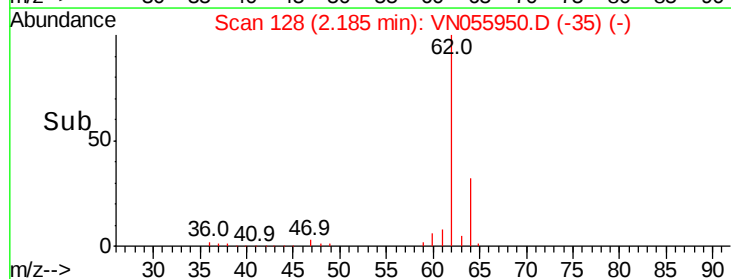
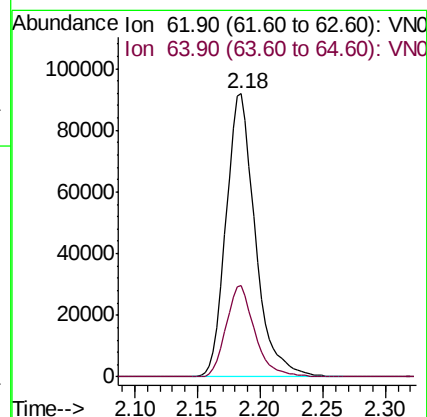
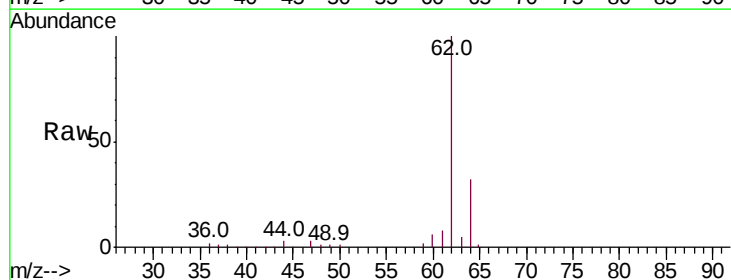
Acq: 3 Jun 2019 9:55

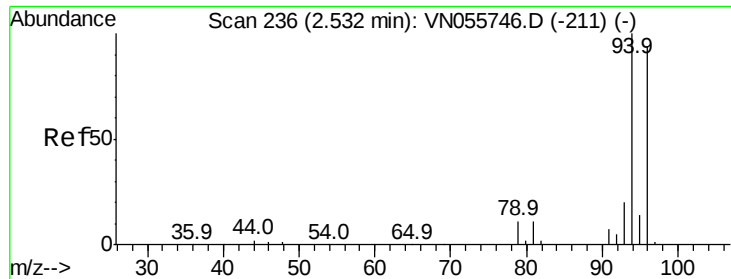
Tgt Ion: 62 Resp: 148648

Ion Ratio Lower Upper

62 100

64 32.1 25.6 38.4





#5

Bromomethane

Concen: 59.956 ug/l m

RT: 2.53 min Scan# 236

Delta R.T. -0.00 min

Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

Tot Ion: 94 Resp: 121785

Ion Ratio Lower Upper

94 100

96 94.1 75.5 113.3

Instrument :

MSVOA_N

ClientSampleId :

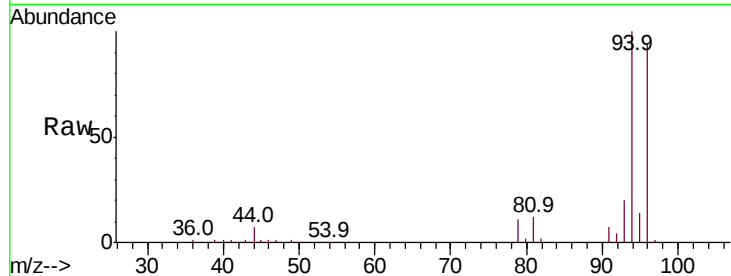
VSTDCCC050

Manual Integrations

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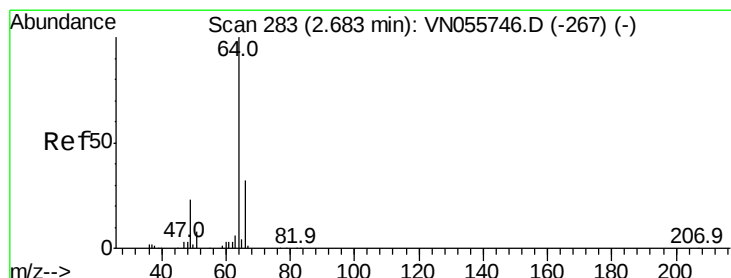
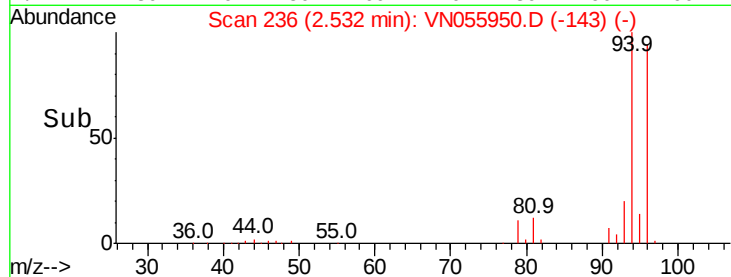
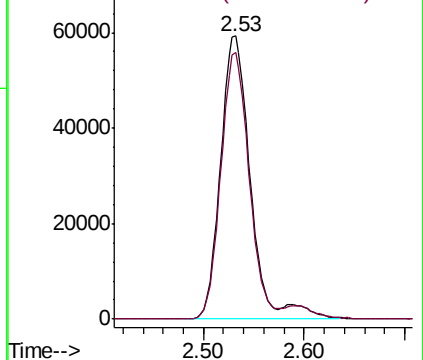
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 48.584 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN055950.D

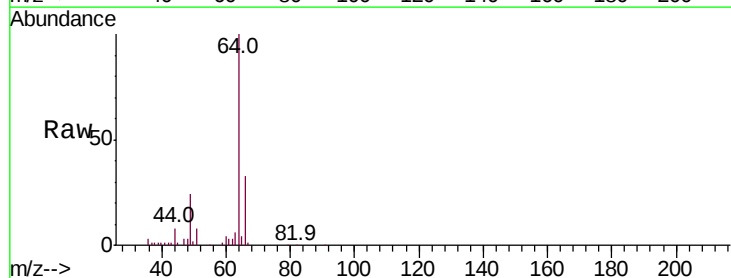
Acq: 3 Jun 2019 9:55

Tgt Ion: 64 Resp: 94971

Ion Ratio Lower Upper

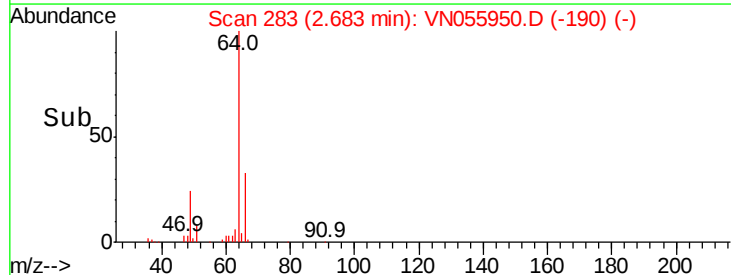
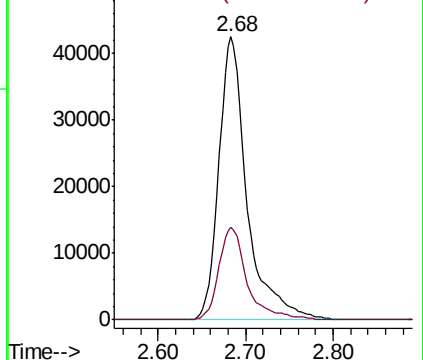
64 100

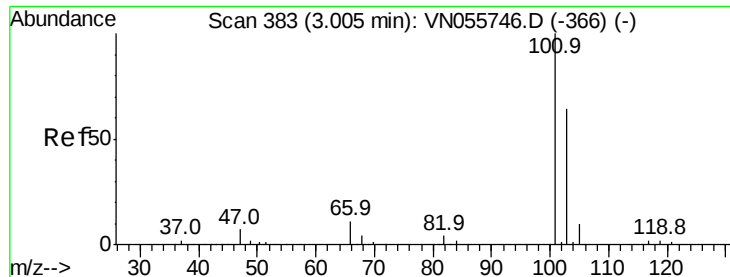
66 32.6 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

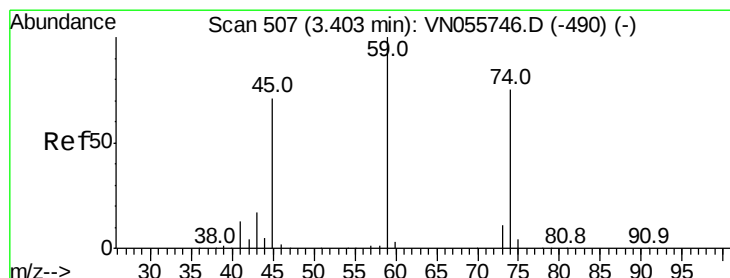
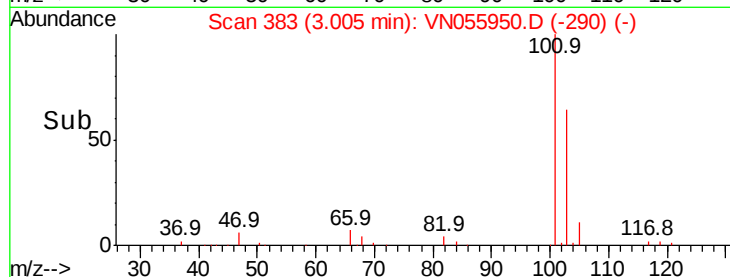
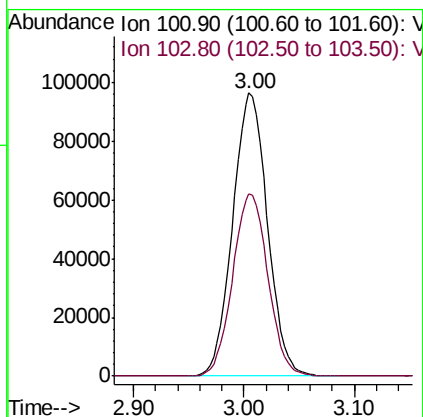
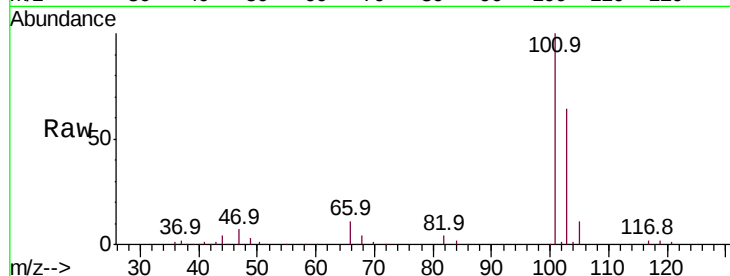
Trichlorofluoromethane
Concen: 49.506 ug/l
RT: 3.00 min Scan# 383
Delta R.T. -0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	51.2	76.8

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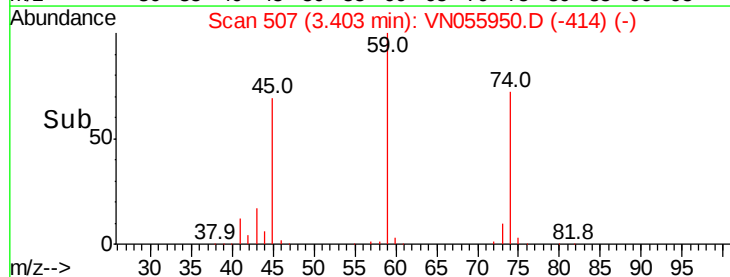
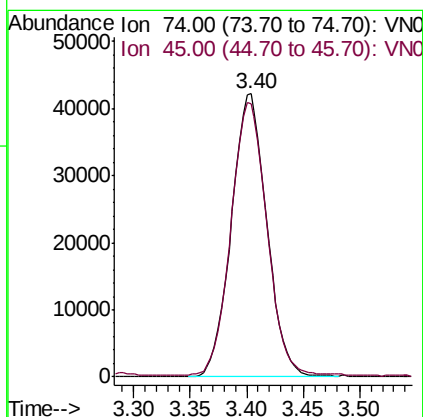
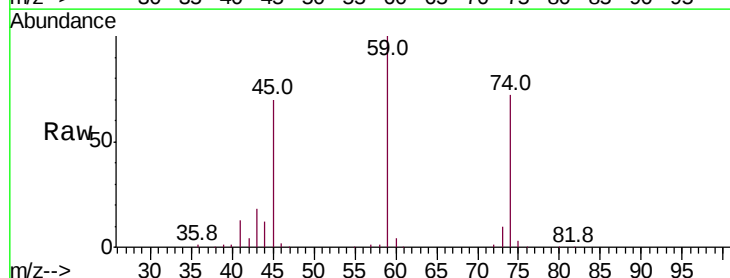
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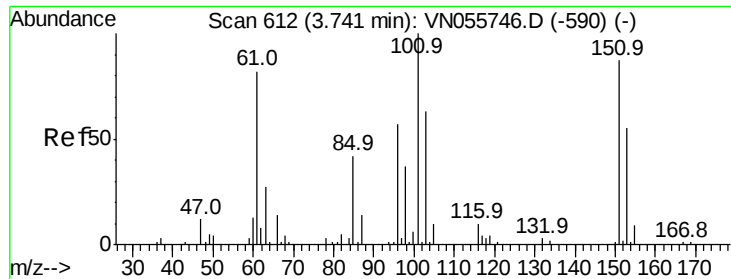


#8

Diethyl Ether
Concen: 48.198 ug/l
RT: 3.40 min Scan# 507
Delta R.T. 0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.6	48.6	145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.563 ug/l

RT: 3.74 min Scan# 612

Delta R.T. 0.00 min

Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

Instrument :

MSVOA_N

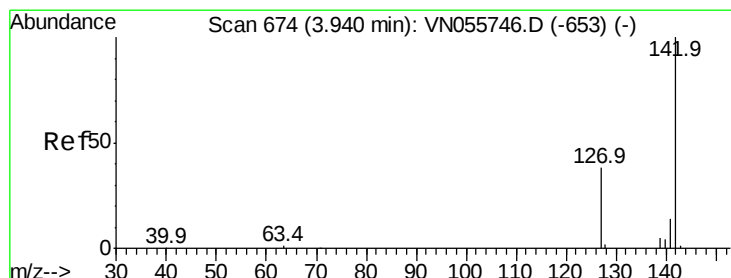
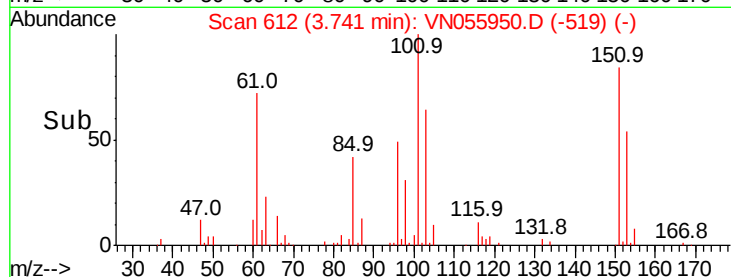
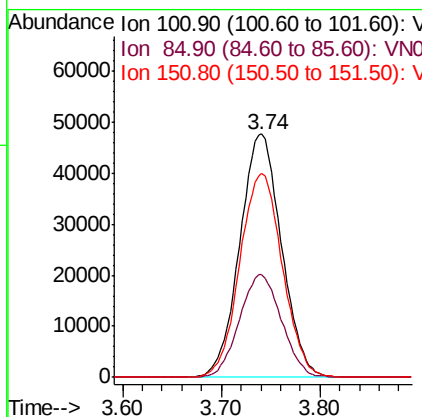
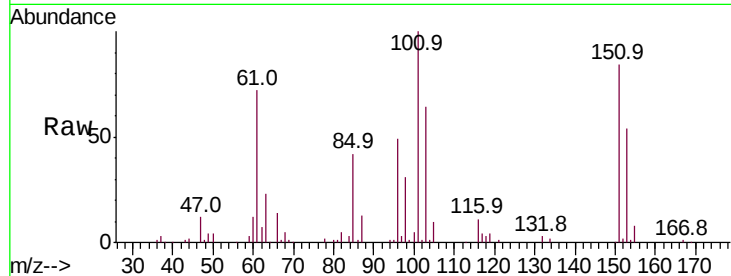
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	139667
Ion Ratio	Lower	Upper	
101	100		
85	42.5	33.4	50.2
151	85.2	69.4	104.2

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#10

Methyl Iodide

Concen: 51.825 ug/l

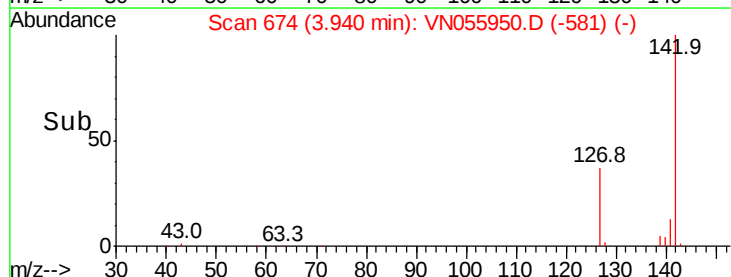
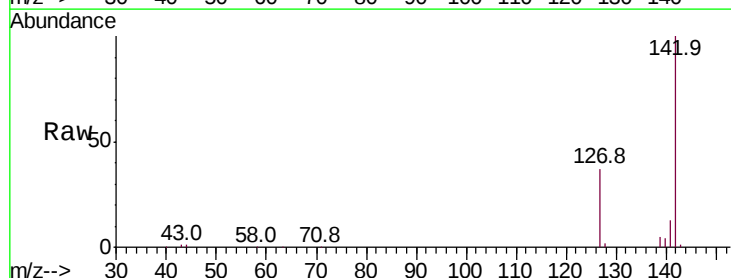
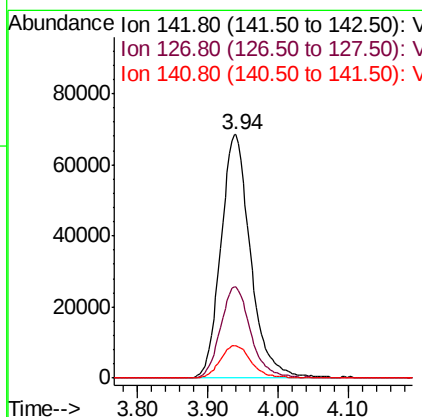
RT: 3.94 min Scan# 674

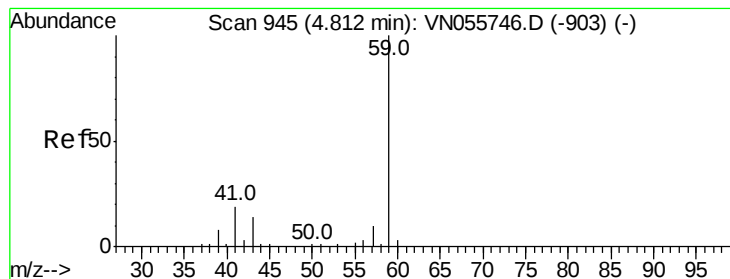
Delta R.T. 0.00 min

Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

Tgt Ion:	142	Resp:	201327
Ion Ratio	Lower	Upper	
142	100		
127	37.9	31.0	46.4
141	13.8	11.4	17.0





#11

Tert butyl alcohol

Concen: 245.305 ug/l m

RT: 4.81 min Scan# 943

Delta R.T. -0.01 min

Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 59 Resp: 156256

Ion Ratio Lower Upper

59 100

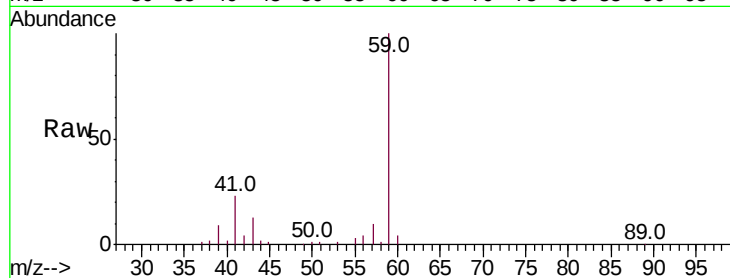
57 9.6 7.8 11.6

Manual Integrations

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Abundance Ion 59.00 (58.70 to 59.70): VN055746.D (-903) (-)

Ion 57.00 (56.70 to 57.70): VN055746.D (-903) (-)

4.81

40000

30000

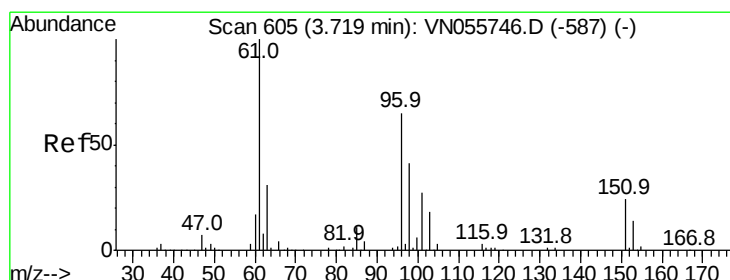
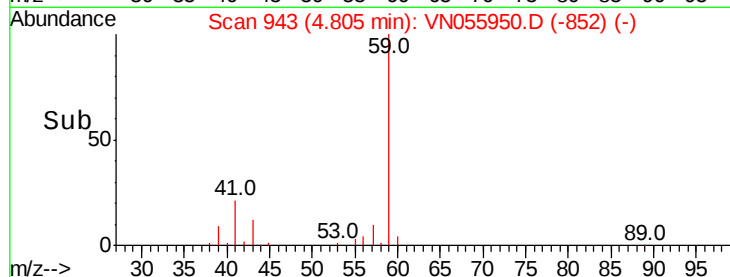
20000

10000

0

4.60 4.70 4.80 4.90 5.00

Time-->



#12

1,1-Dichloroethene

Concen: 48.737 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

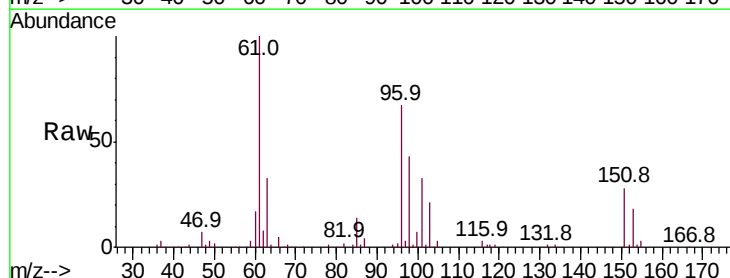
Tgt Ion: 96 Resp: 133808

Ion Ratio Lower Upper

96 100

61 149.3 123.2 184.8

98 64.7 50.4 75.6



Abundance Ion 95.90 (95.60 to 96.60): VN055746.D (-587) (-)

Ion 60.90 (60.60 to 61.60): VN055746.D (-587) (-)

Ion 97.90 (97.60 to 98.60): VN055746.D (-587) (-)

100000

80000

60000

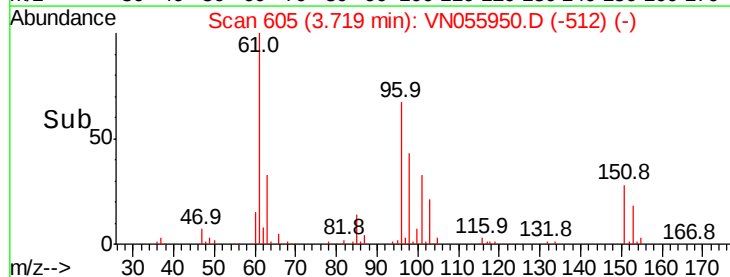
40000

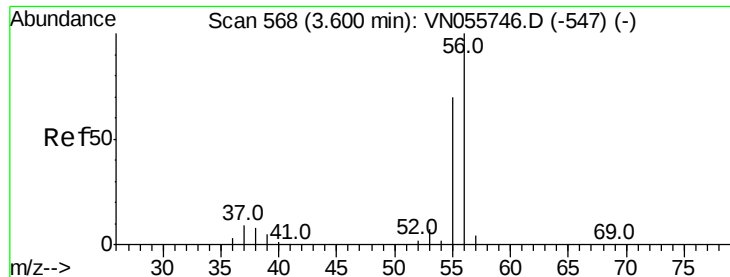
20000

0

3.60 3.70 3.80

Time-->





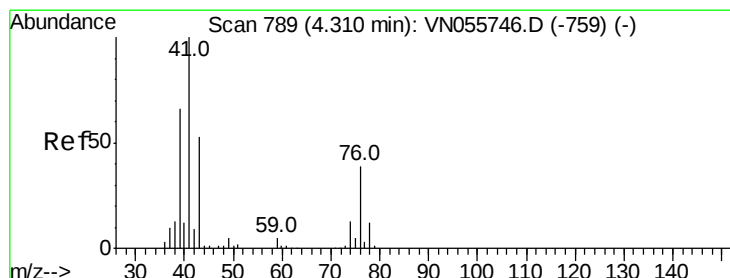
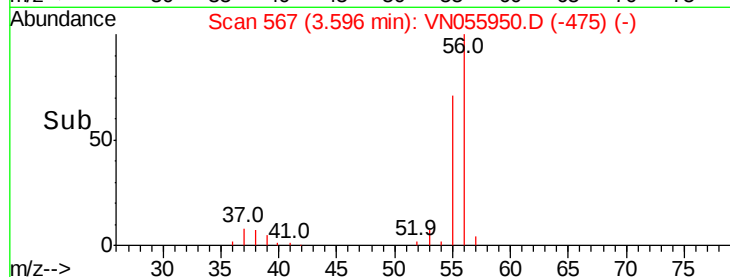
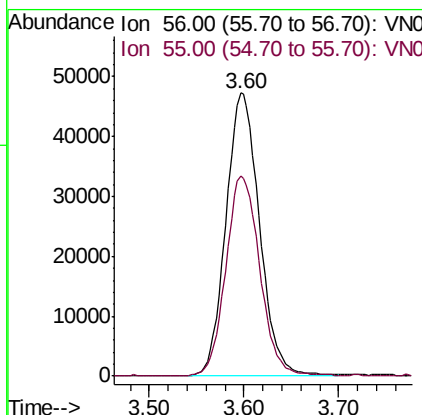
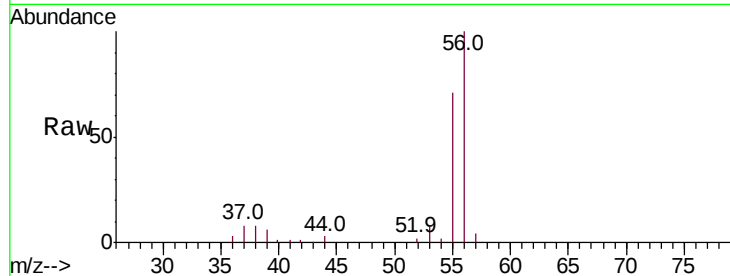
#13
Acrolein
Concen: 256.188 ug/l
RT: 3.60 min Scan# 567
Delta R.T. -0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	56	Resp	116850
Ion Ratio	Lower	Upper	
56	100		
55	71.3	55.4	83.2

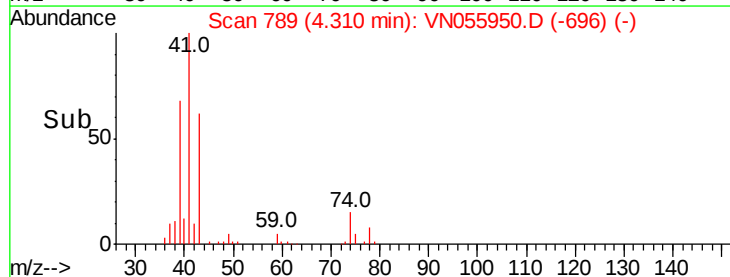
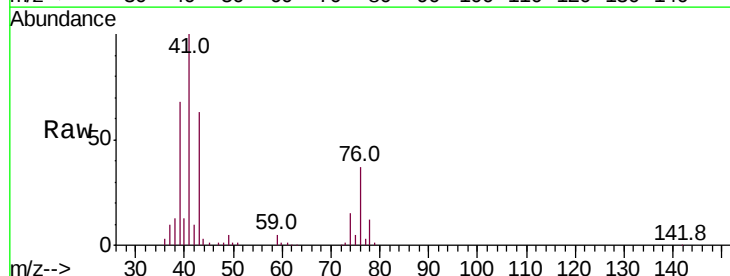
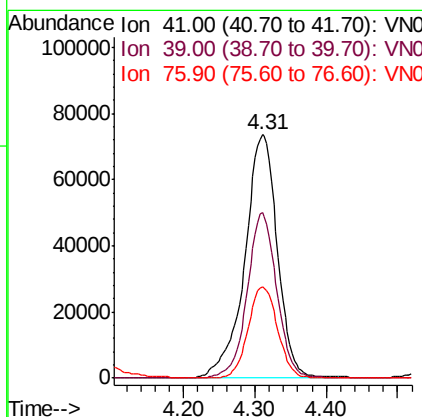
Manual Integrations
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#14
Allyl chloride
Concen: 49.633 ug/l
RT: 4.31 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Tgt Ion	41	Resp	233605
Ion Ratio	Lower	Upper	
41	100		
39	61.5	50.0	75.0
76	33.8	28.2	42.2





#15

Acrylonitrile

Concen: 262.755 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

Instrument :

MSVOA_N

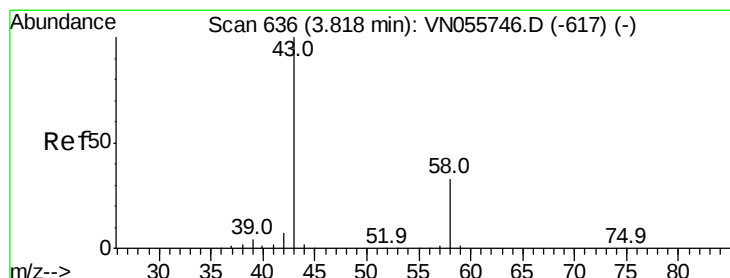
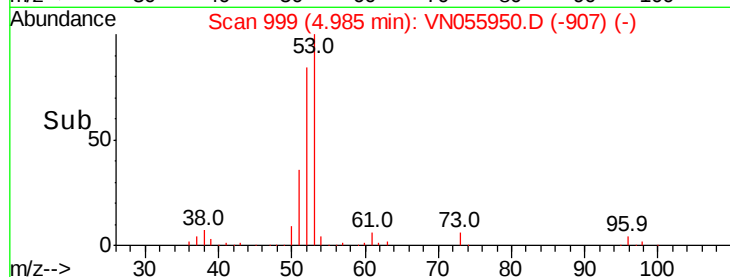
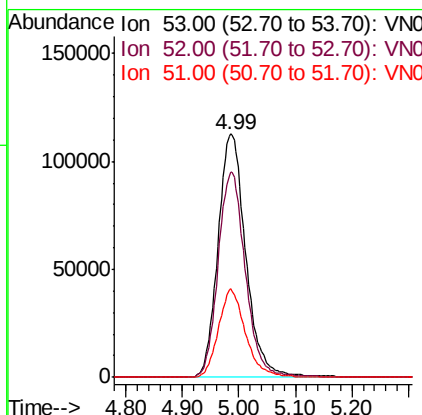
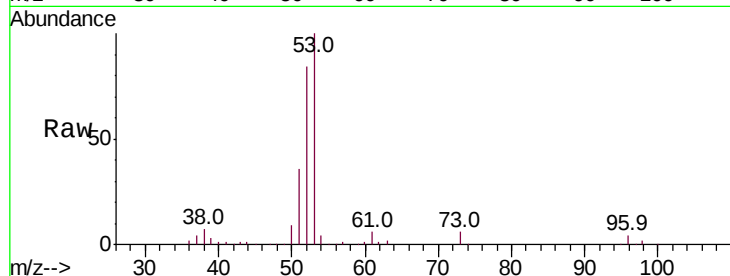
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	384328
Ion Ratio	Lower	Upper	
53	100		
52	82.7	65.8	98.8
51	35.4	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 278.232 ug/l

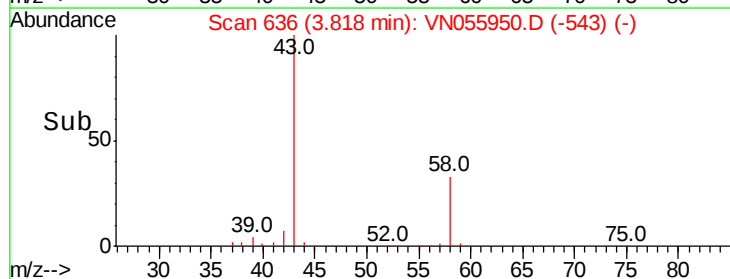
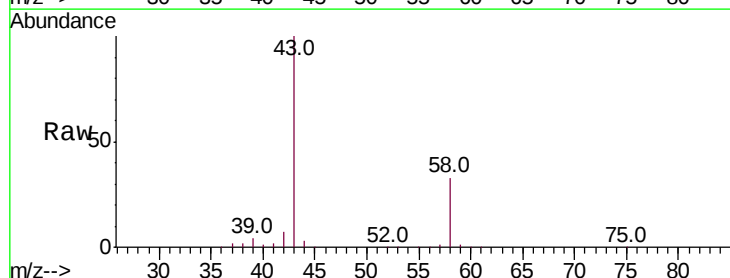
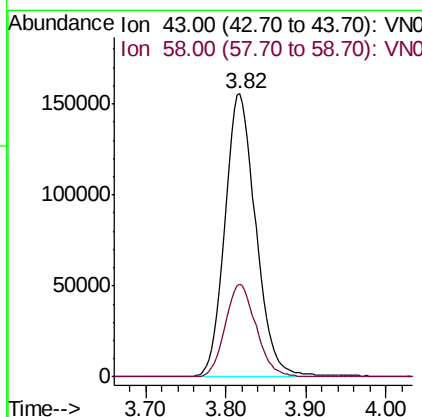
RT: 3.82 min Scan# 636

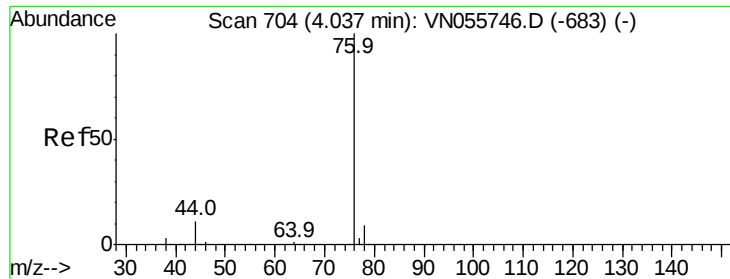
Delta R.T. 0.00 min

Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

Tgt Ion:	43	Resp:	407745
Ion Ratio	Lower	Upper	
43	100		
58	32.9	26.6	39.8





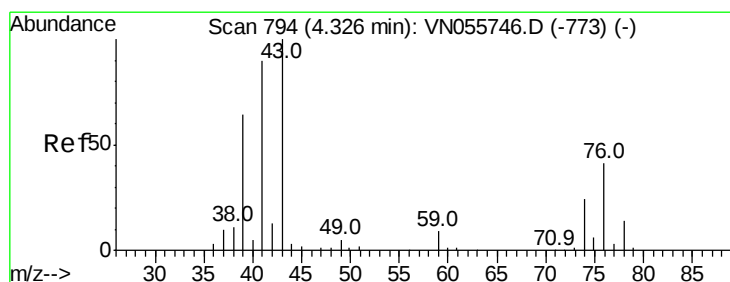
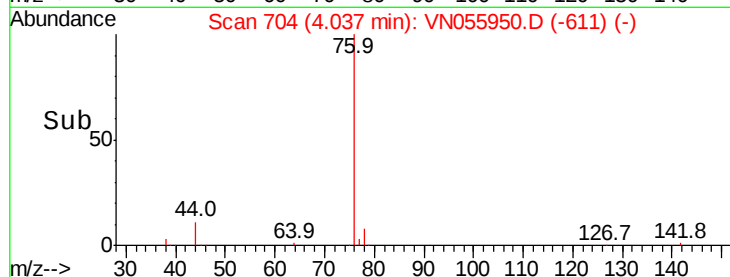
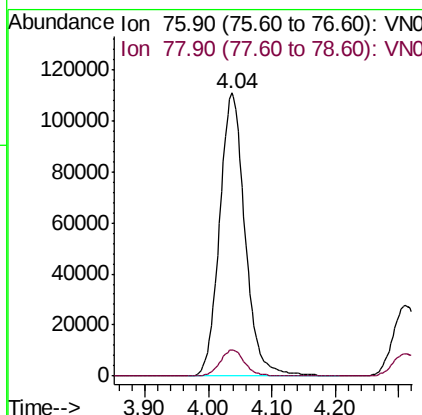
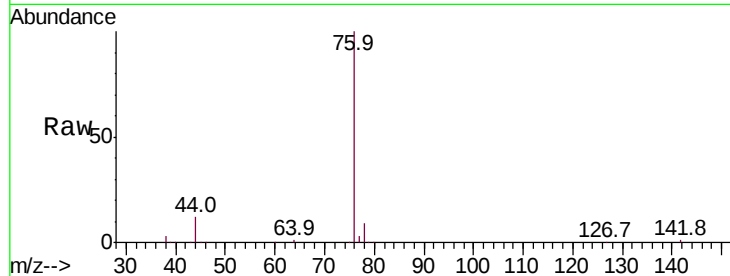
#17
Carbon Disulfide
Concen: 39.364 ug/l
RT: 4.04 min Scan# 704
Delta R.T. 0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.2

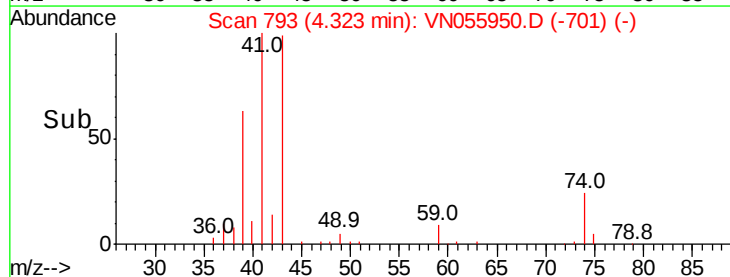
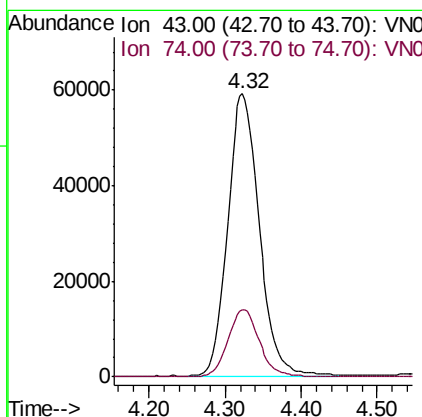
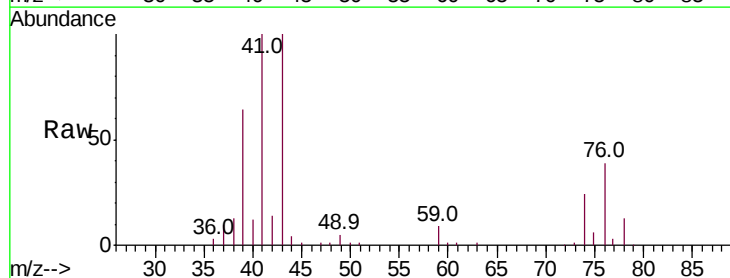
Manual Integrations
APPROVED

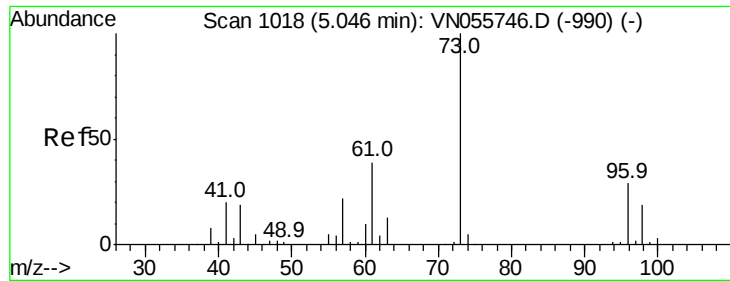
MMDadoda
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#18
Methyl Acetate
Concen: 57.057 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.9	19.3	28.9





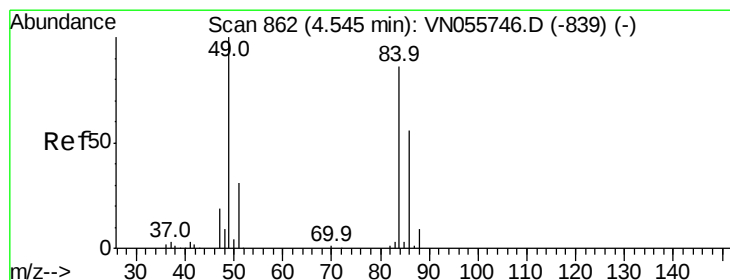
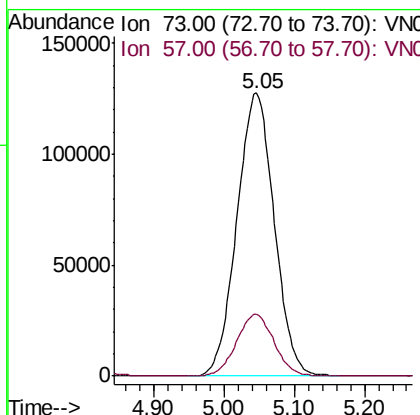
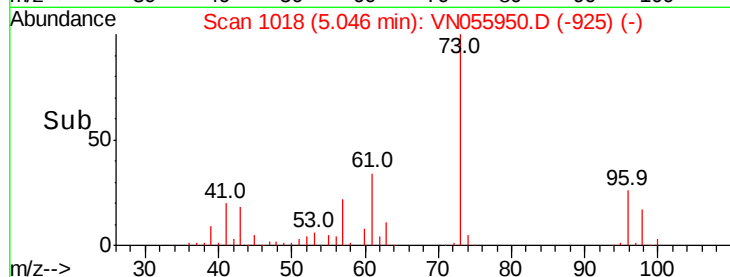
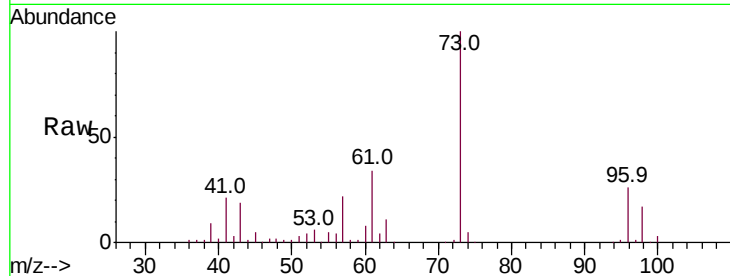
#19
Methyl tert-butyl Ether
Concen: 51.364 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 470323
Ion Ratio Lower Upper
73 100
57 21.9 17.8 26.8

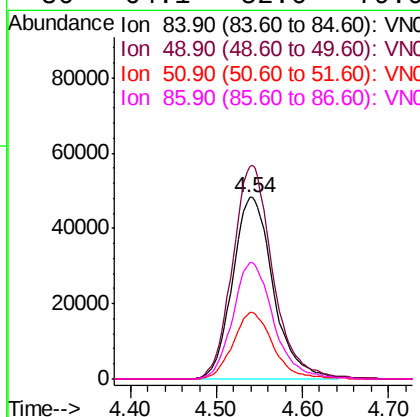
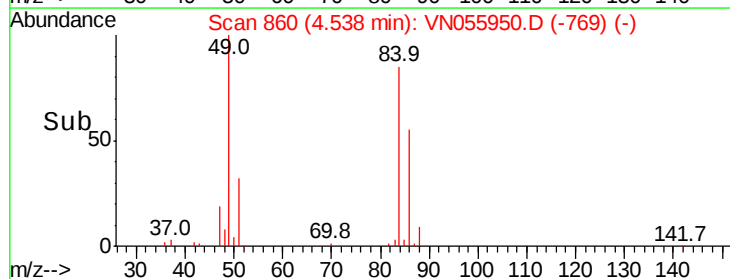
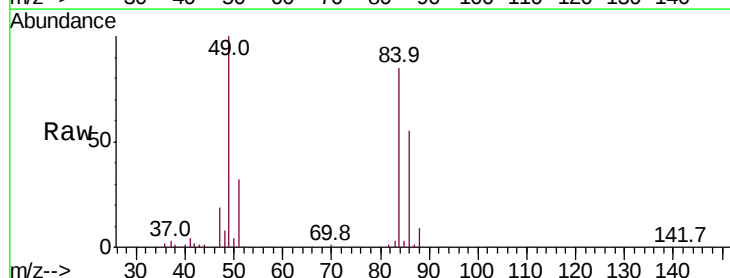
Manual Integrations
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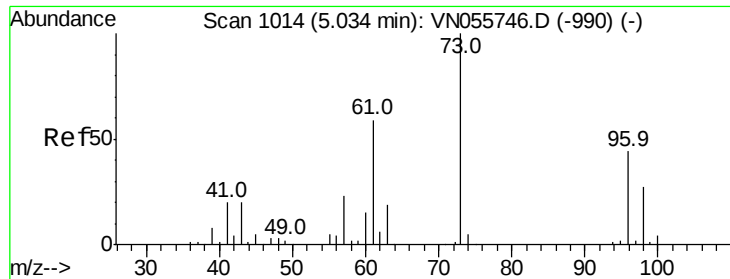
MMDadoda
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#20
Methylene Chloride
Concen: 50.016 ug/l
RT: 4.54 min Scan# 860
Delta R.T. -0.01 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Tgt Ion: 84 Resp: 158739
Ion Ratio Lower Upper
84 100
49 117.2 93.5 140.3
51 37.1 28.6 43.0
86 64.1 52.6 79.0





#21

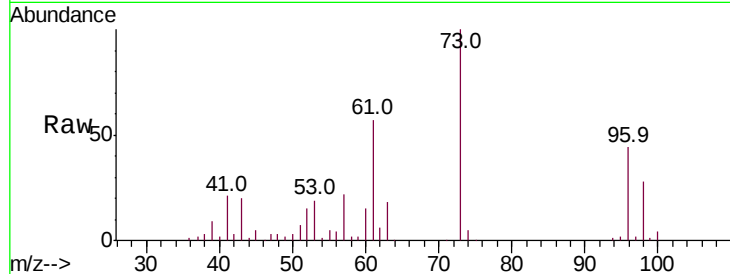
trans-1,2-Dichloroethene
Concen: 49.392 ug/l
RT: 5.03 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	131.5	107.8	161.8
98	63.2	49.8	74.8

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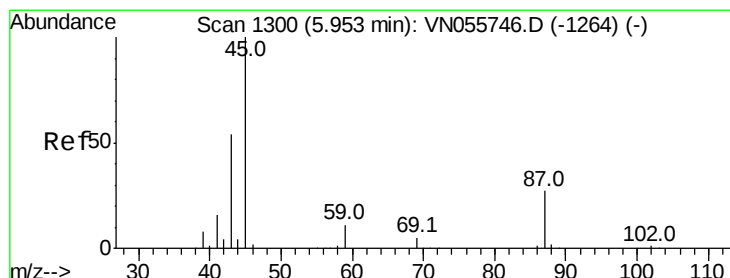
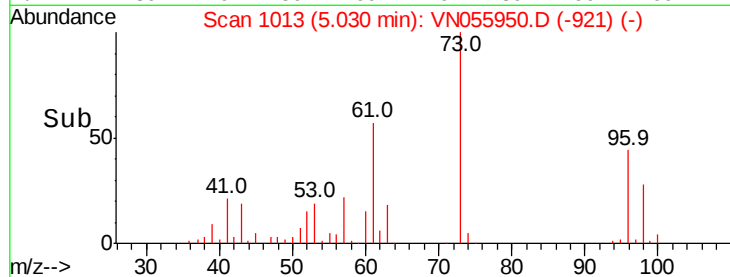
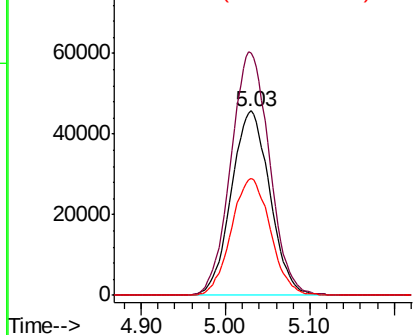


Abundance

Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO



#22

Diisopropyl ether
Concen: 52.363 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. -0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Tgt Ion	Ratio	Lower	Upper
45	100		
43	57.1	45.0	67.6
87	28.4	22.2	33.4
59	11.5	9.1	13.7

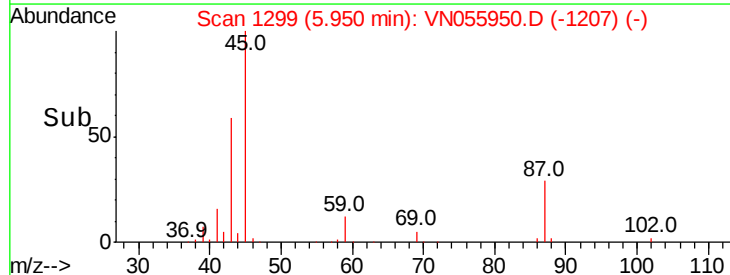
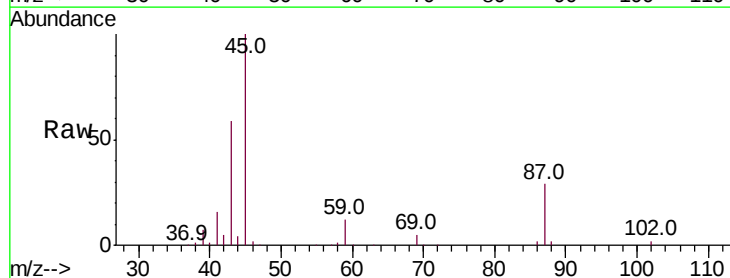
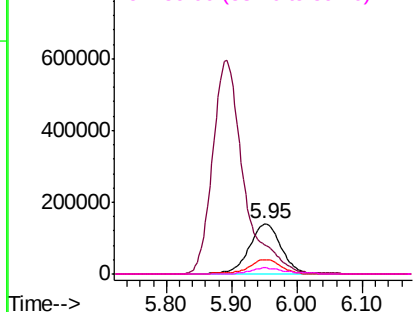
Abundance

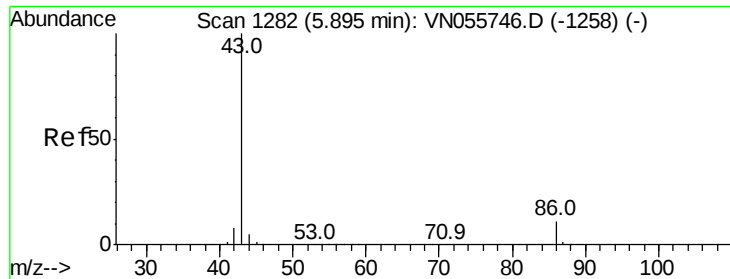
Ion 45.00 (44.70 to 45.70): VNO

Ion 43.00 (42.70 to 43.70): VNO

Ion 87.00 (86.70 to 87.70): VNO

Ion 59.00 (58.70 to 59.70): VNO





#23

Vinyl Acetate

Concen: 251.552 ug/l

RT: 5.89 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

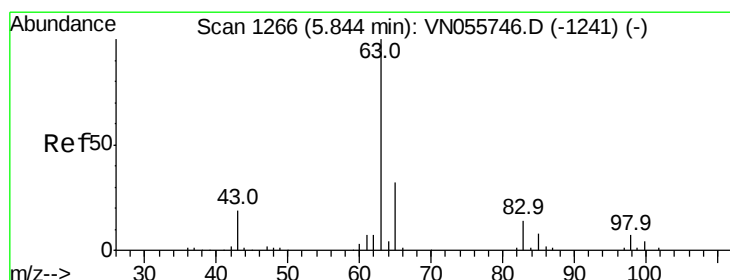
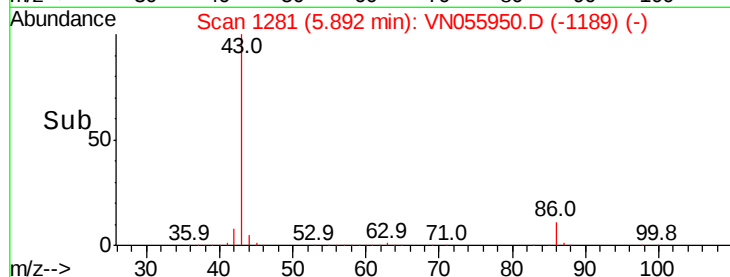
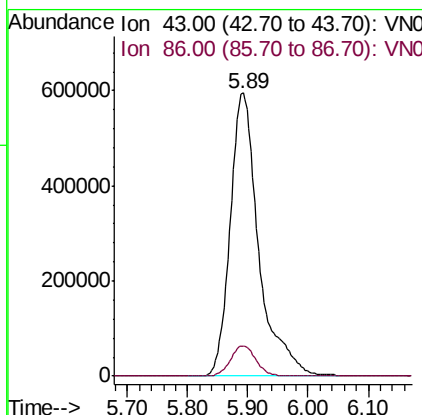
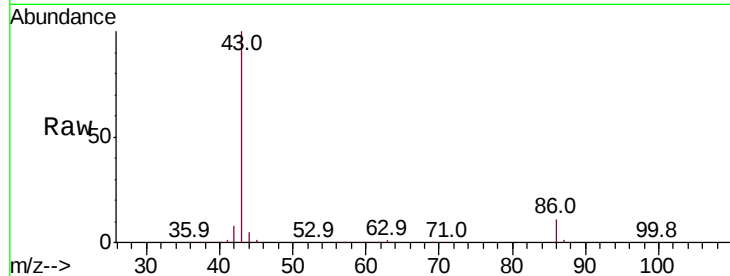
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1974353

Ion	Ratio	Lower	Upper
43	100		
86	10.8	8.6	13.0

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#24

1,1-Dichloroethane

Concen: 50.696 ug/l

RT: 5.84 min Scan# 1265

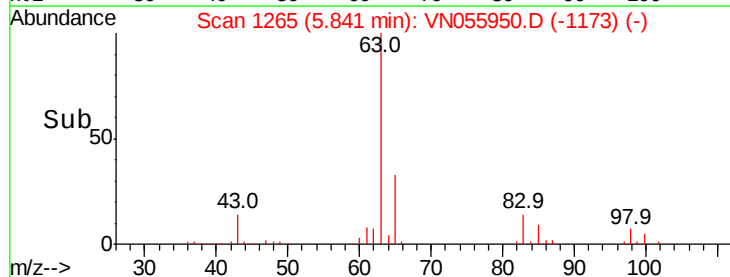
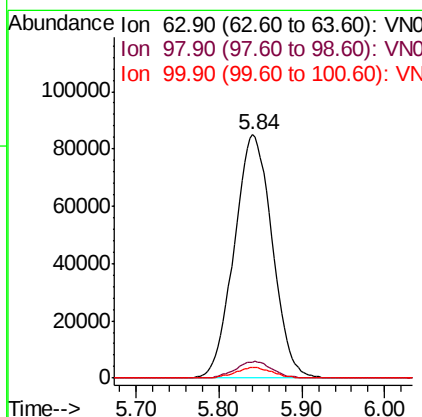
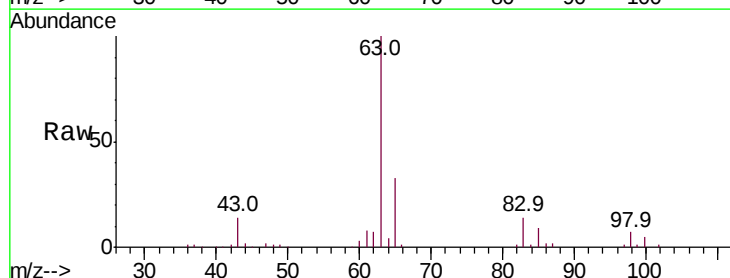
Delta R.T. -0.00 min

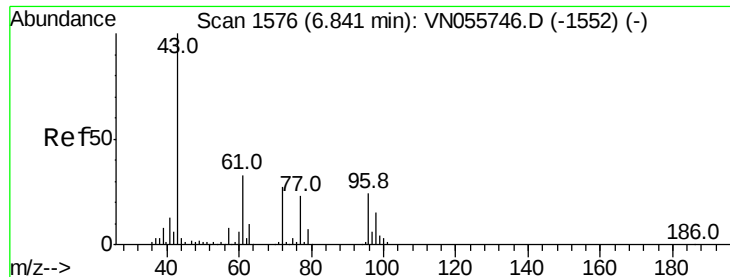
Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

Tgt Ion: 63 Resp: 270205

Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.4	10.1
100	4.6	2.2	6.6





#25

2-Butanone

Concen: 267.196 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. -0.00 min

Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 546862

Ion Ratio Lower Upper

43 100

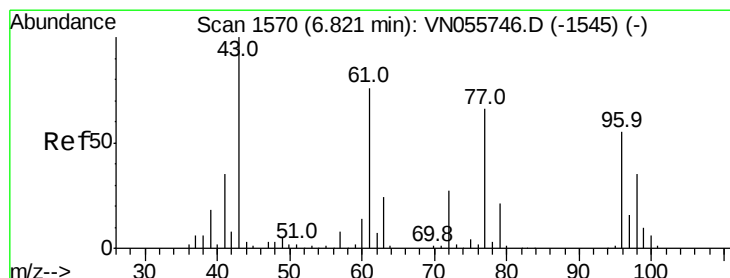
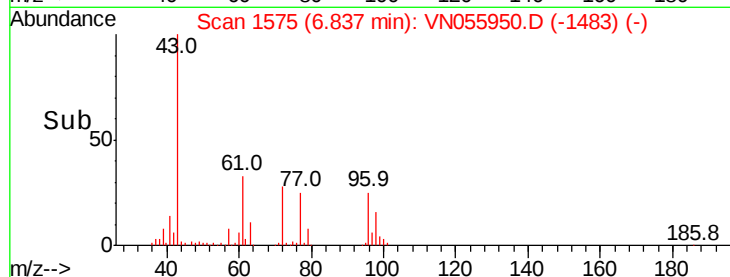
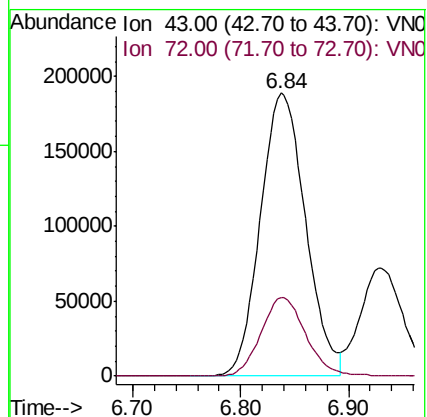
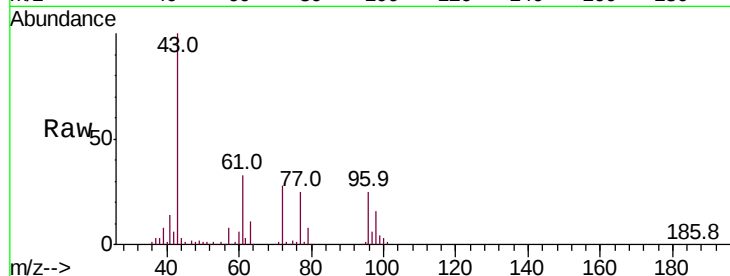
72 28.0 21.9 32.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 48.718 ug/l

RT: 6.82 min Scan# 1569

Delta R.T. -0.00 min

Lab File: VN055950.D

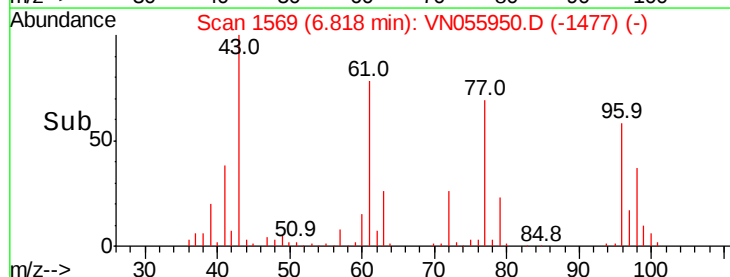
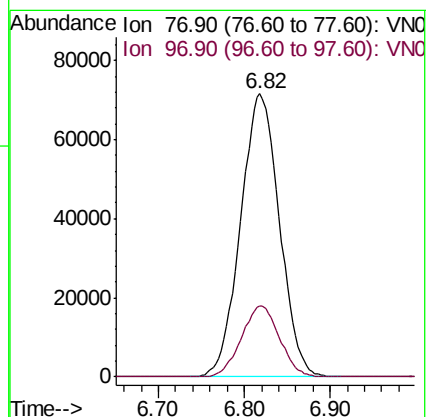
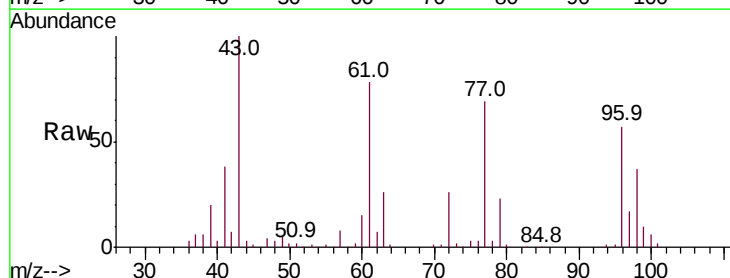
Acq: 3 Jun 2019 9:55

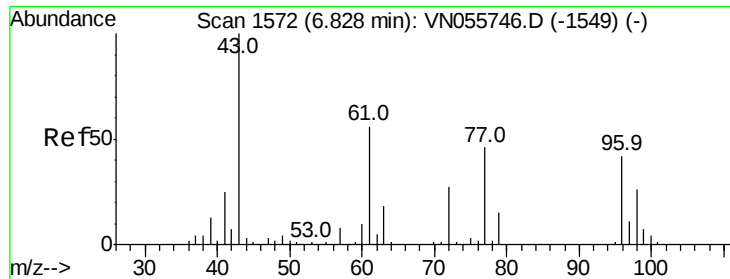
Tgt Ion: 77 Resp: 224722

Ion Ratio Lower Upper

77 100

97 24.5 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 51.635 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

Instrument :

MSVOA_N

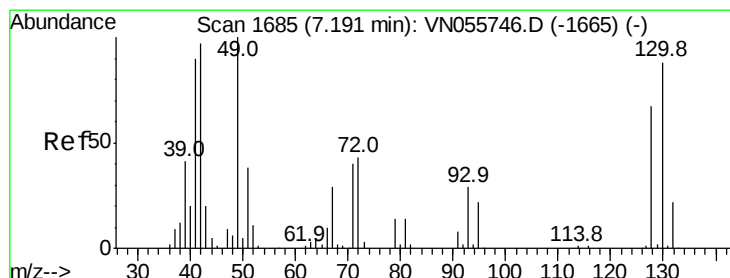
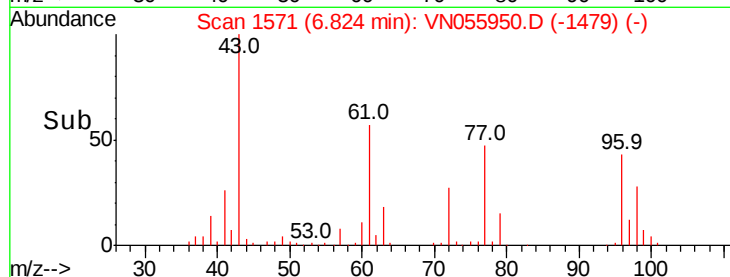
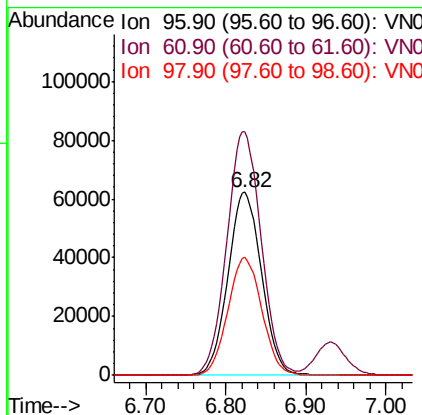
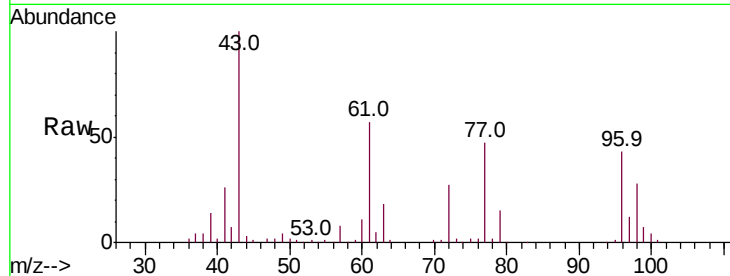
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	177688
Ion Ratio	Lower	Upper	
96	100		
61	136.3	0.0	275.8
98	65.0	0.0	128.4

Manual Integrations
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#28

Bromochloromethane

Concen: 50.276 ug/l

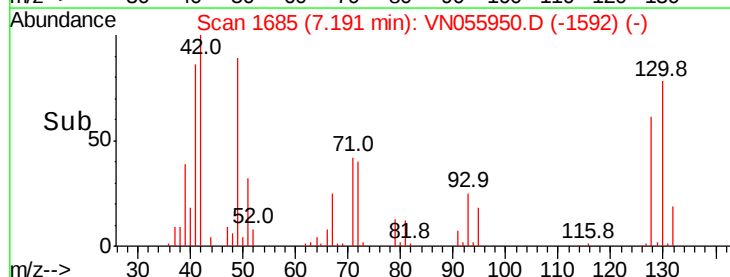
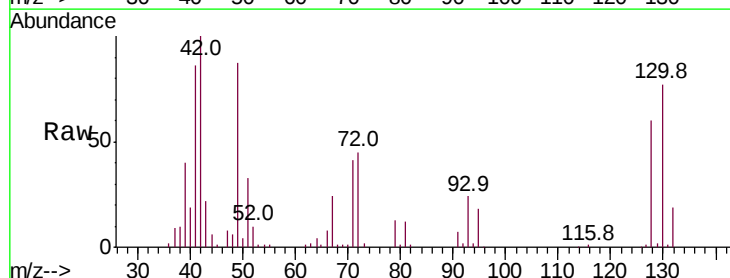
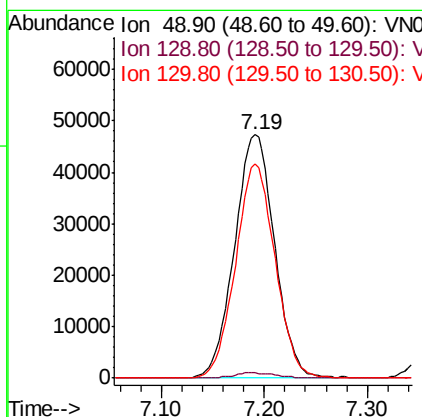
RT: 7.19 min Scan# 1685

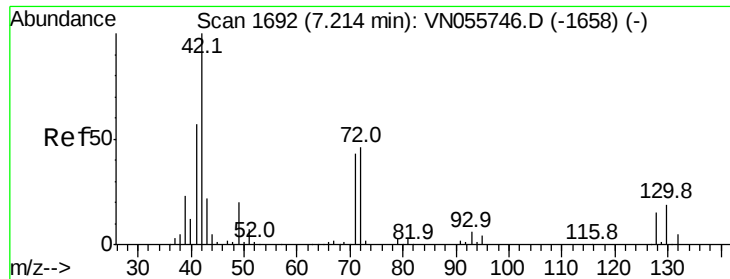
Delta R.T. 0.00 min

Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

Tgt Ion:	49	Resp:	127582
Ion Ratio	Lower	Upper	
49	100		
129	2.2	0.0	4.4
130	86.9	71.2	106.8





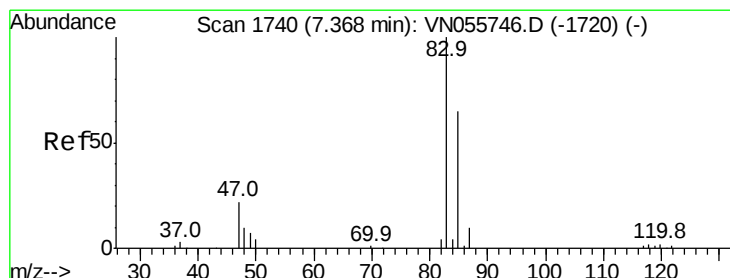
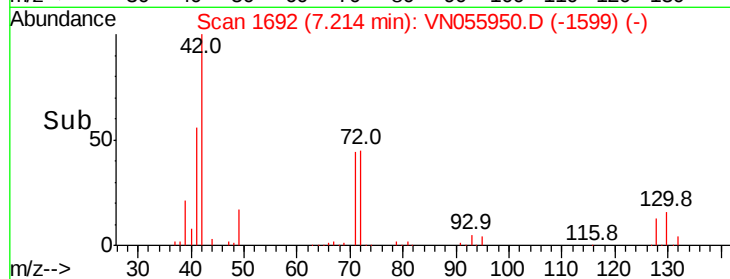
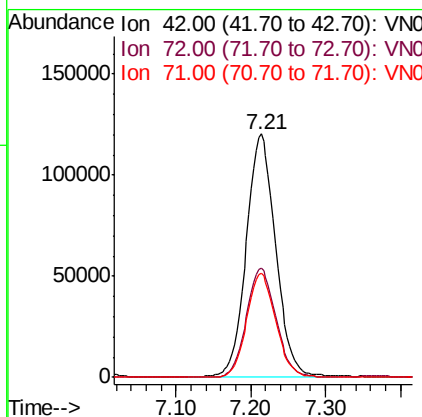
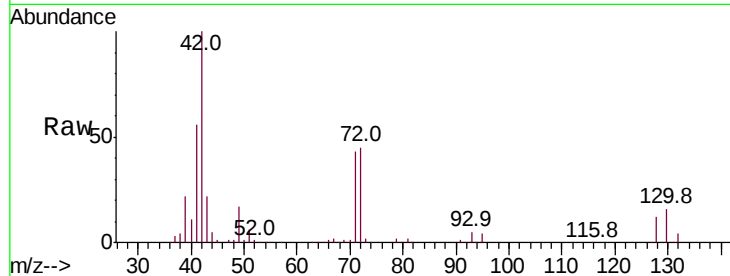
#29
Tetrahydrofuran
Concen: 255.161 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.7	35.9	53.9
71	42.2	34.0	51.0

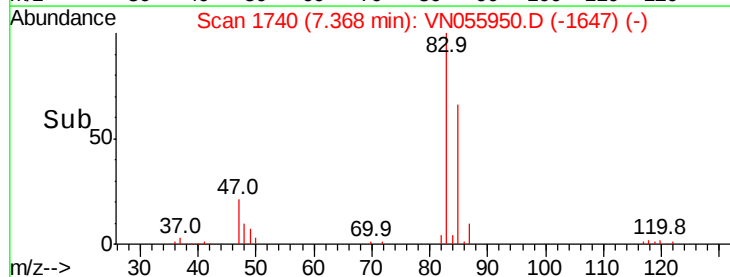
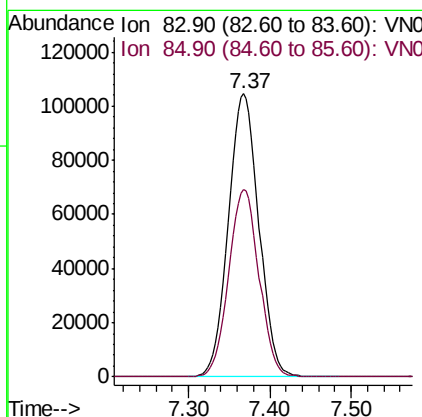
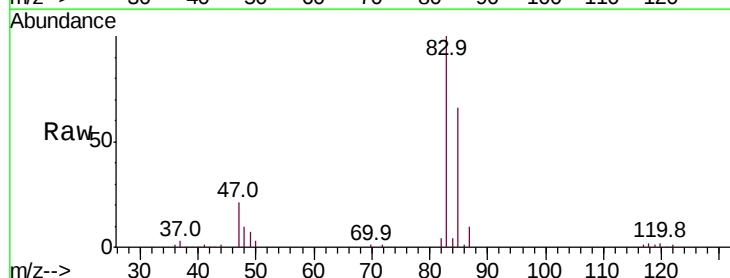
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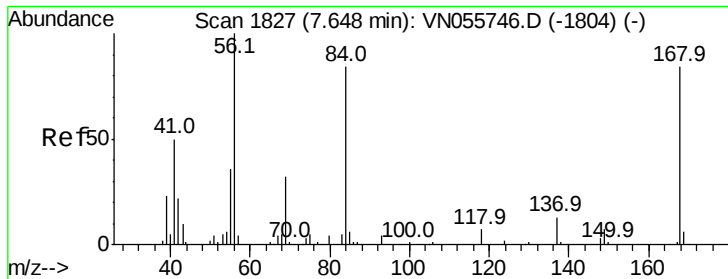
MMDadoda
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#30
Chloroform
Concen: 51.415 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.2	51.8	77.8





#31

Cyclohexane

Concen: 48.260 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 241493

Ion Ratio Lower Upper

56 100

69 34.5 25.6 38.4

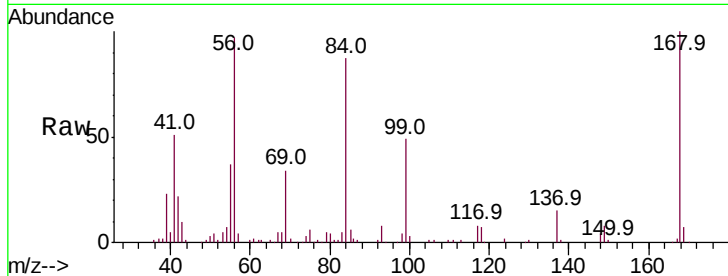
84 88.3 67.4 101.0

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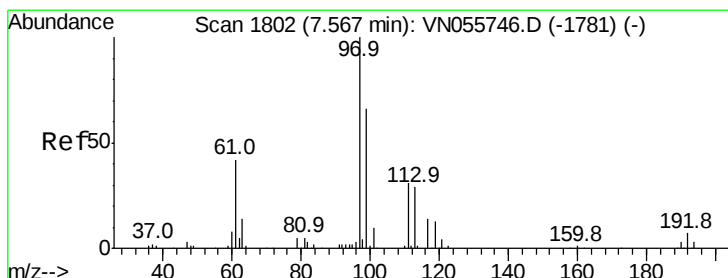
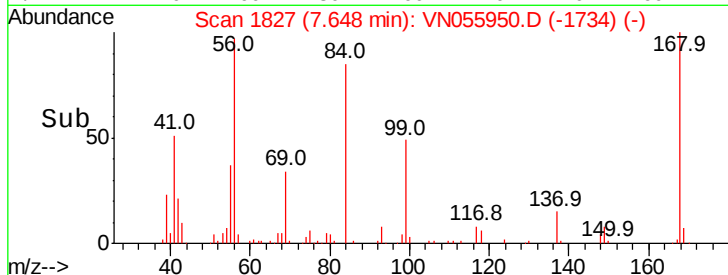
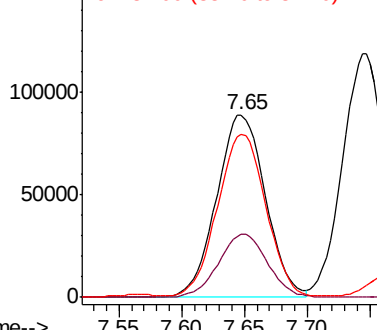


Abundance

Ion 56.00 (55.70 to 56.70): VNC

Ion 69.00 (68.70 to 69.70): VNC

Ion 84.00 (83.70 to 84.70): VNC



#32

1,1,1-Trichloroethane

Concen: 48.622 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

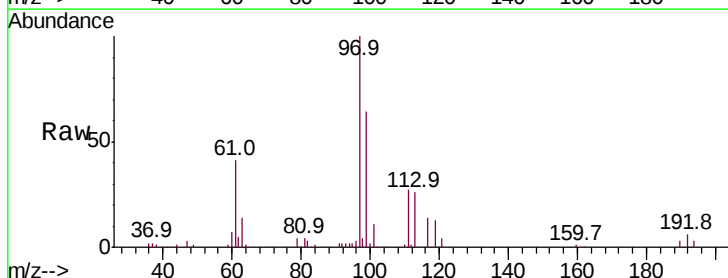
Tgt Ion: 97 Resp: 230627

Ion Ratio Lower Upper

97 100

99 64.6 52.0 78.0

61 41.3 32.9 49.3

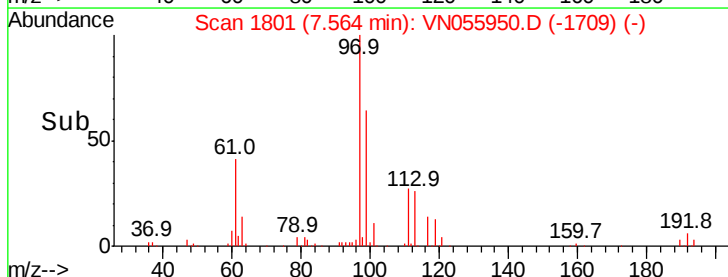
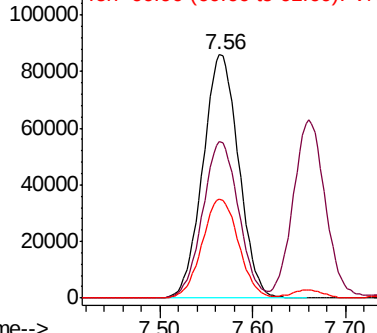


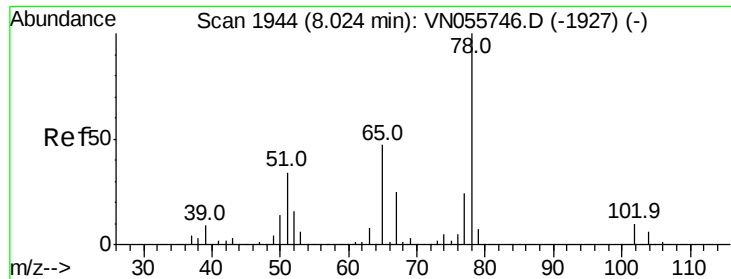
Abundance

Ion 96.90 (96.60 to 97.60): VNC

Ion 98.90 (98.60 to 99.60): VNC

Ion 60.90 (60.60 to 61.60): VNC





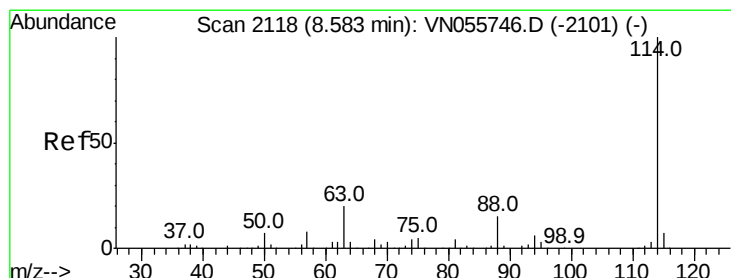
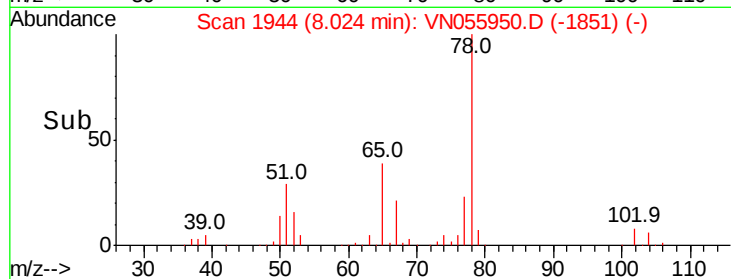
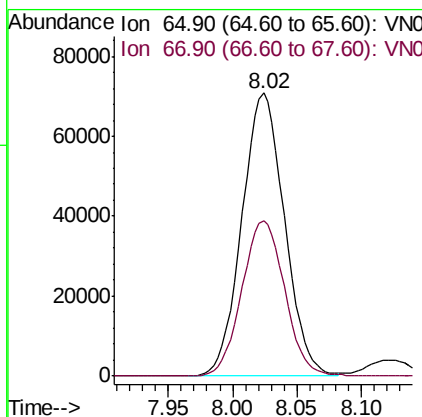
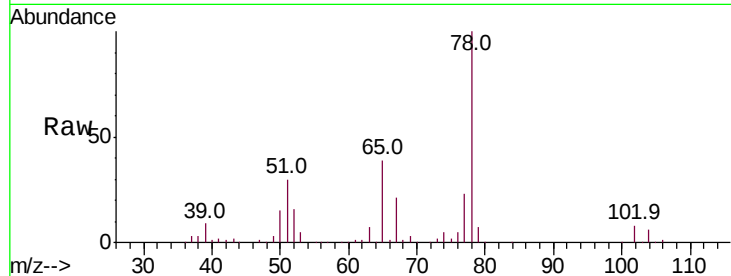
#33
 1,2-Dichloroethane-d4
 Concen: 48.968 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN055950.D
 Acq: 3 Jun 2019 9:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	163253		
67	55.1	0.0	109.2	

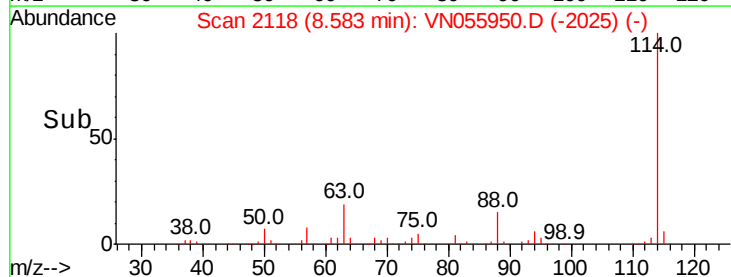
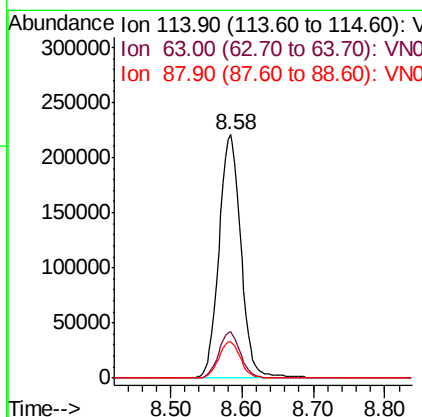
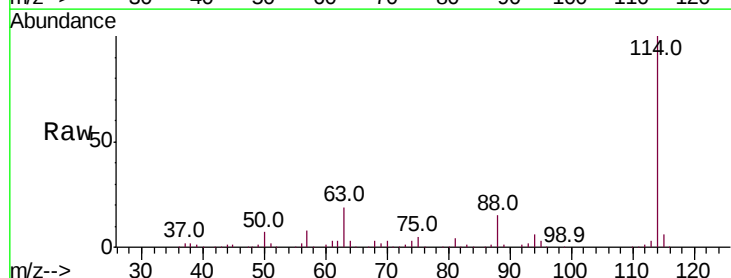
Manual Integrations
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055950.D
 Acq: 3 Jun 2019 9:55

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	470678		
63	18.9	0.0	39.2	
88	15.1	0.0	31.0	





#35

Dibromofluoromethane

Concen: 48.820 ug/l

RT: 7.59 min Scan# 1808

Delta R.T. -0.00 min

Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

Instrument :

MSVOA_N

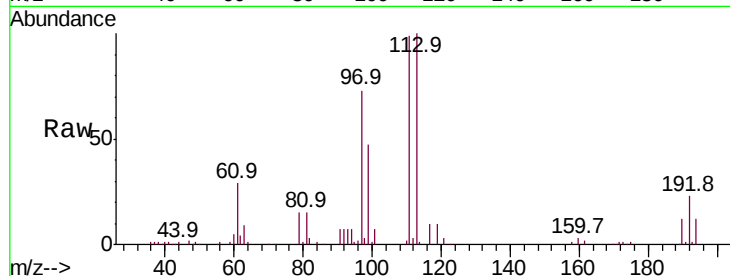
ClientSampleId :

VSTDCCC050

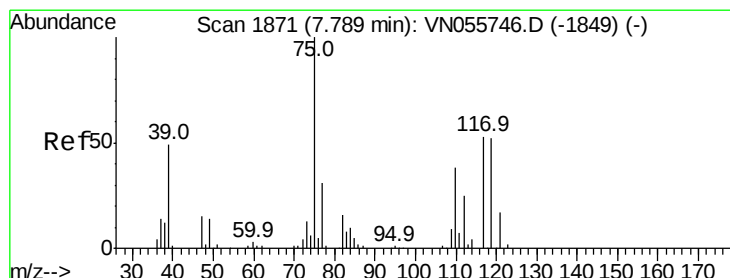
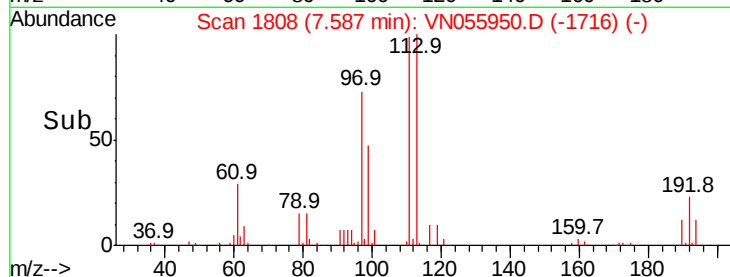
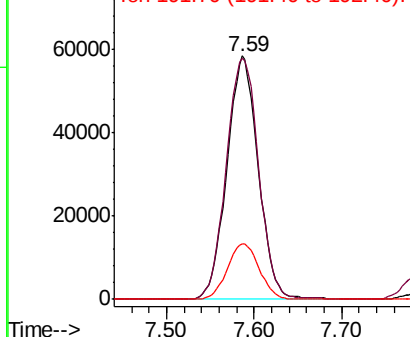
Tot Ion:	113	Resp:	145279
Ion Ratio	Lower	Upper	
113	100		
111	102.5	81.9	122.9
192	23.3	19.5	29.3

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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: 49.707 ug/l

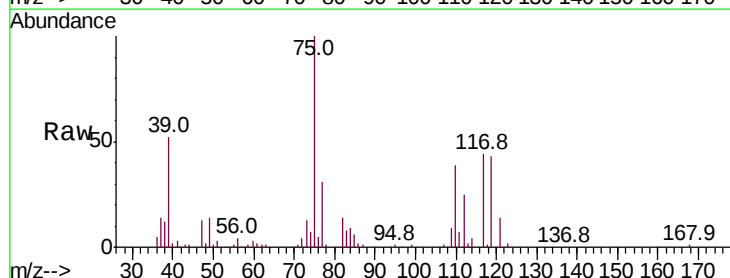
RT: 7.79 min Scan# 1871

Delta R.T. 0.00 min

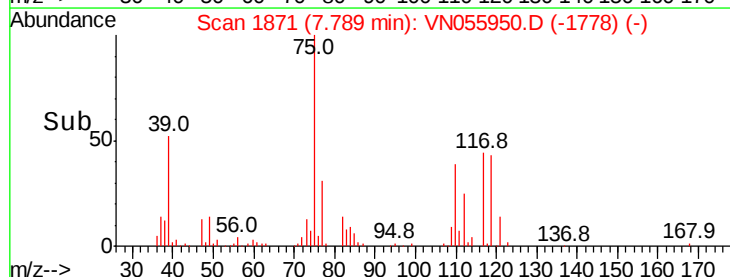
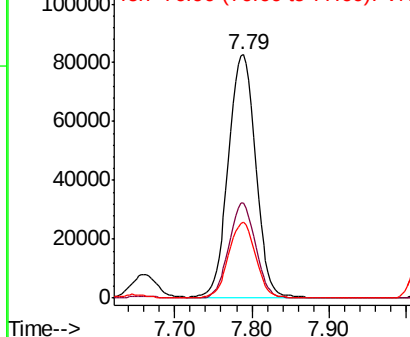
Lab File: VN055950.D

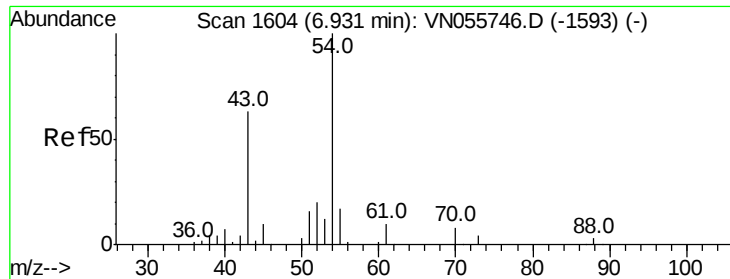
Acq: 3 Jun 2019 9:55

Tgt Ion:	75	Resp:	203884
Ion Ratio	Lower	Upper	
75	100		
110	37.7	19.0	57.0
77	30.7	25.1	37.7



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V





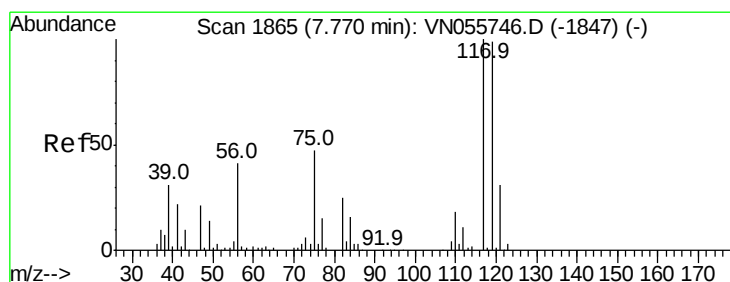
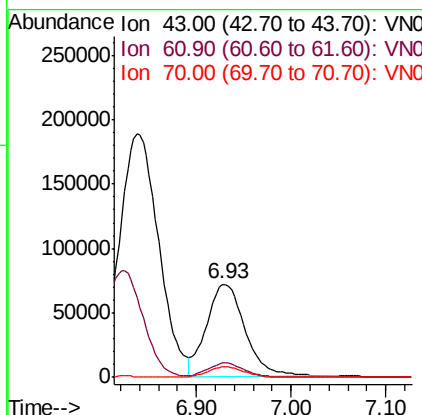
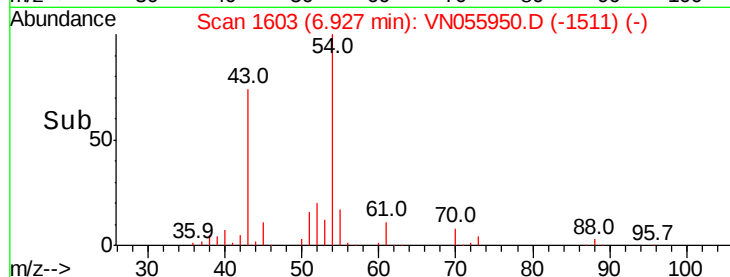
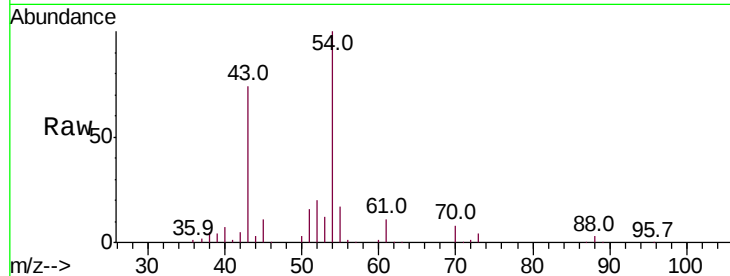
#37
Ethyl Acetate
Concen: 51.282 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.1	12.2	18.2
70	10.7	8.9	13.3

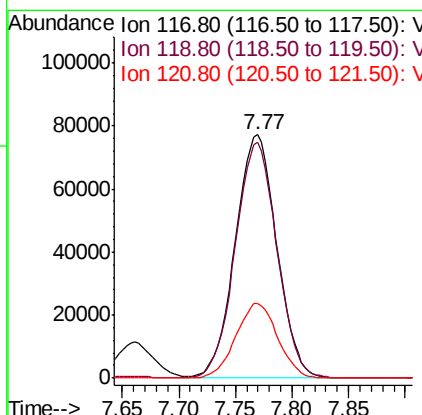
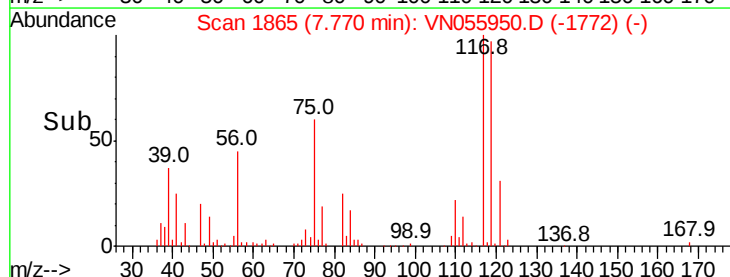
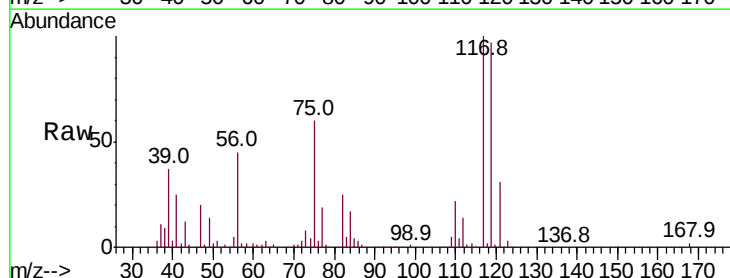
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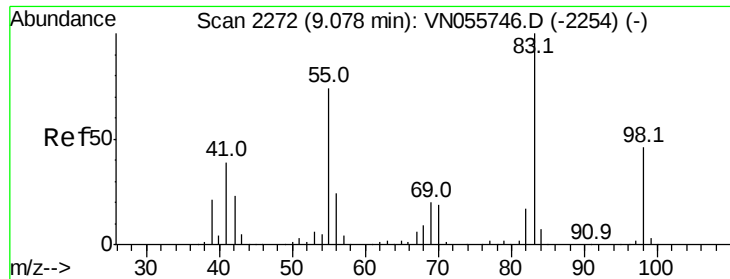
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#38
Carbon Tetrachloride
Concen: 45.940 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	79.0	118.6
121	30.9	24.7	37.1





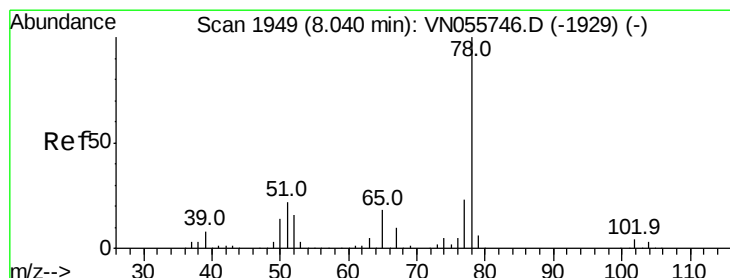
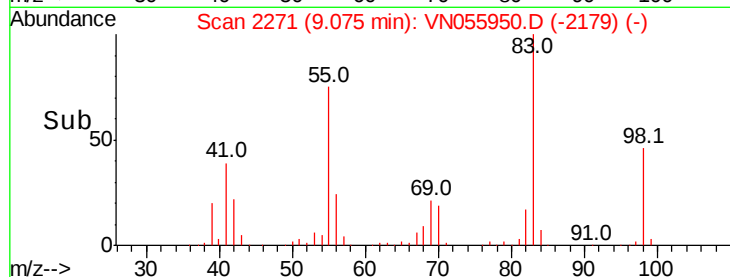
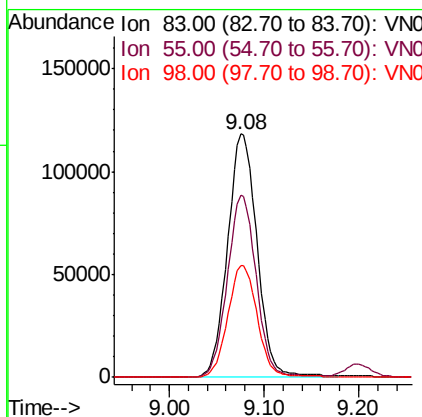
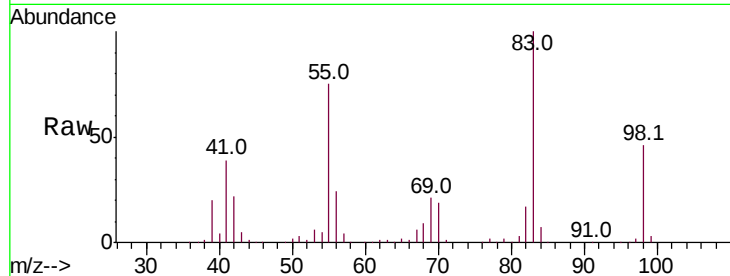
#39
Methvlcvclohexane
Concen: 50.717 ug/l
RT: 9.08 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.8	59.3	88.9
98	45.9	36.6	54.8

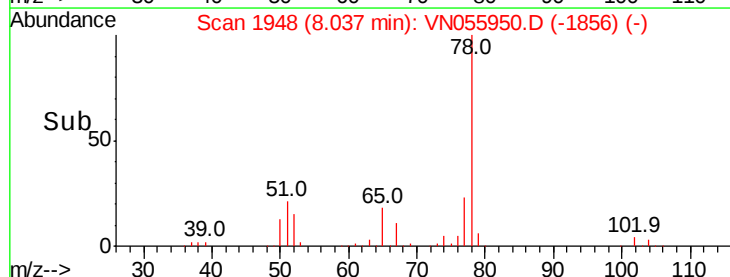
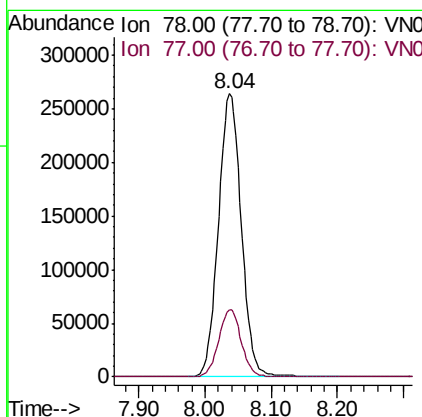
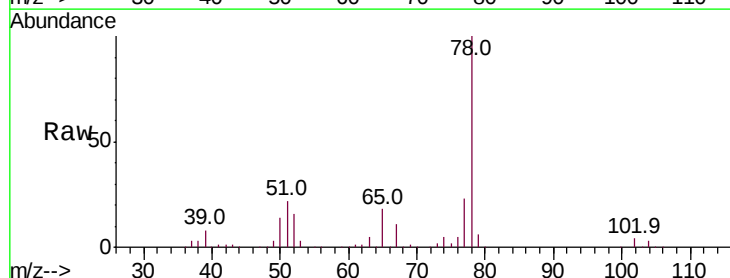
Manual Integrations
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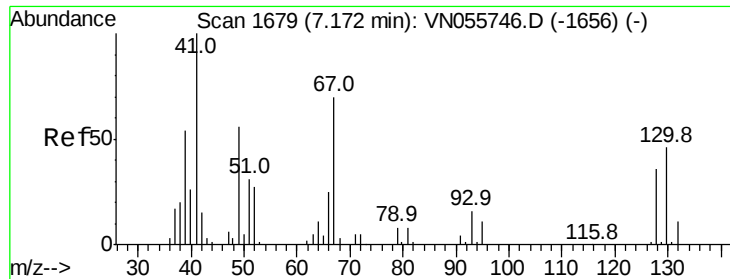
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#40
Benzene
Concen: 51.167 ug/l
RT: 8.04 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2





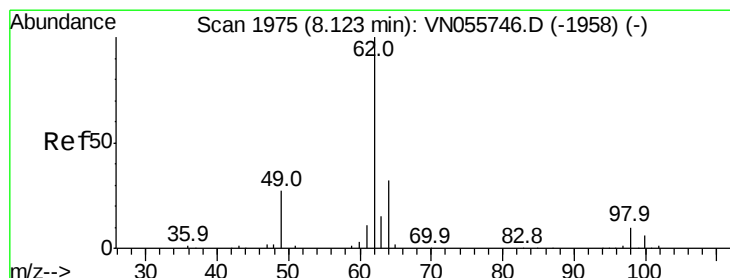
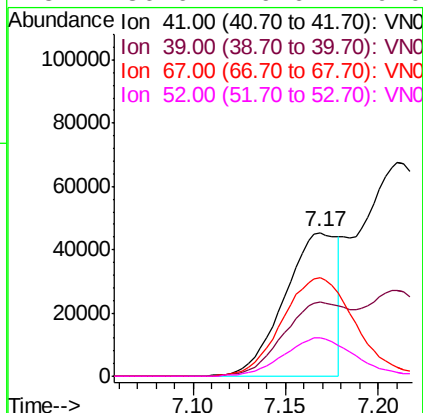
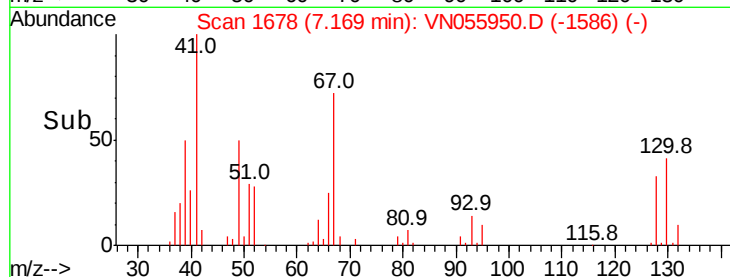
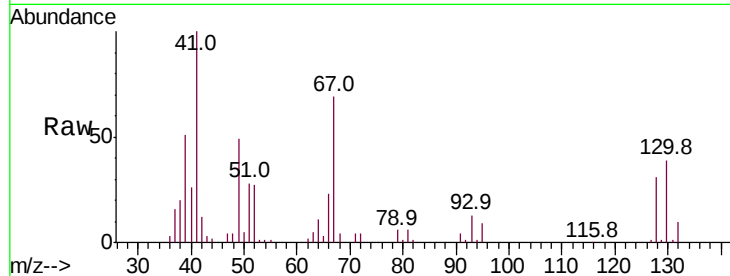
#41
Methacrylonitrile
Concen: 45.089 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	65.9	45.6	68.4
67	95.4	67.7	101.5
52	36.6	26.6	40.0

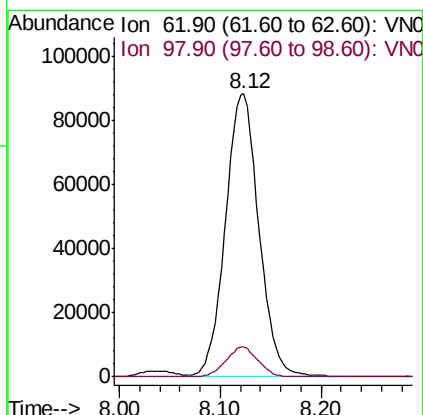
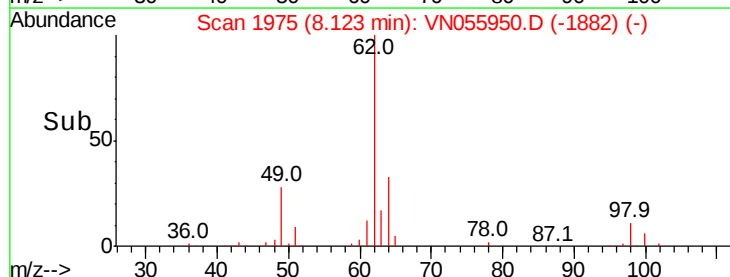
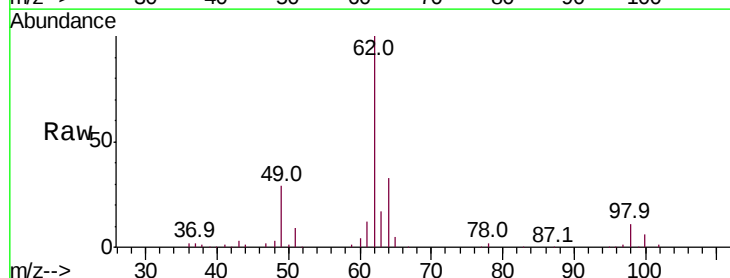
Manual Integrations
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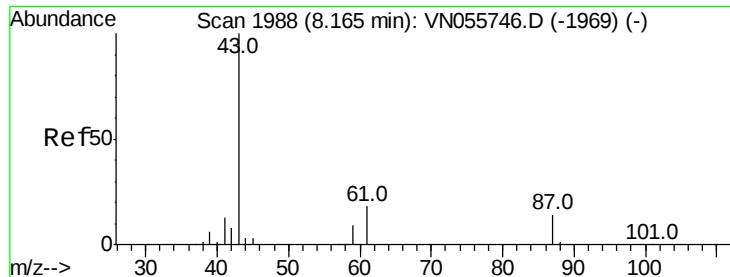
MMDadoda
6/4/2019 11:24:34 AM



#42
1,2-Dichloroethane
Concen: 50.148 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.2





#43

Isopropyl Acetate

Concen: 49.340 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

Instrument :

MSVOA_N

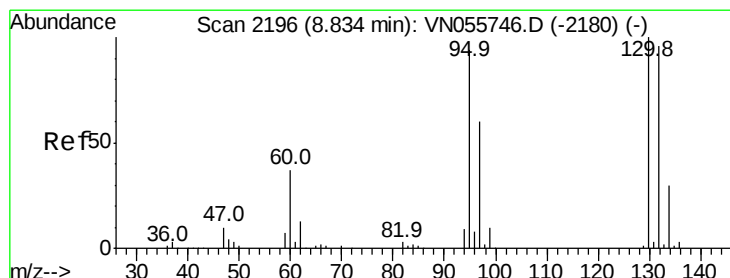
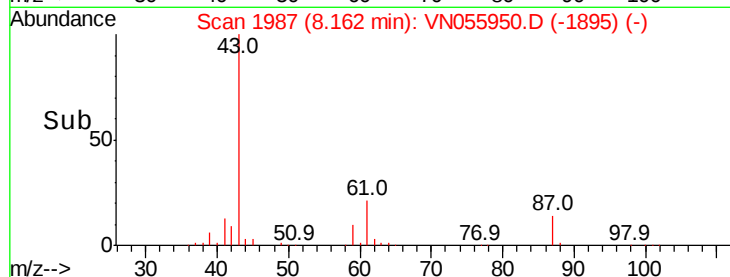
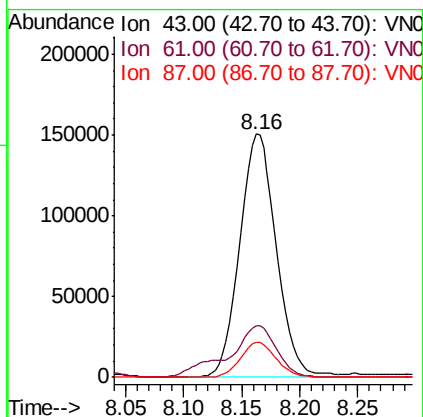
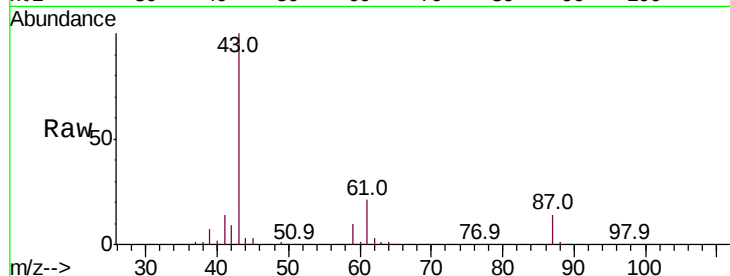
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	328646
Ion Ratio	Lower	Upper	
43	100		
61	28.0	22.2	33.4
87	14.3	11.4	17.2

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#44

Trichloroethene

Concen: 52.044 ug/l

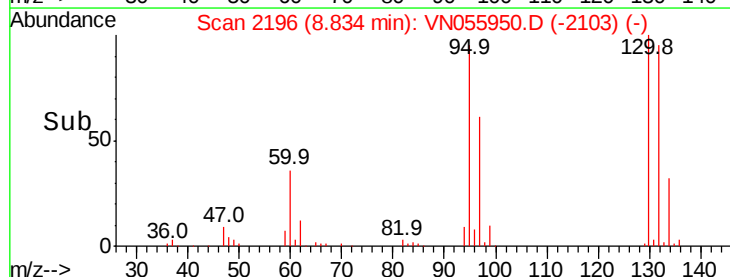
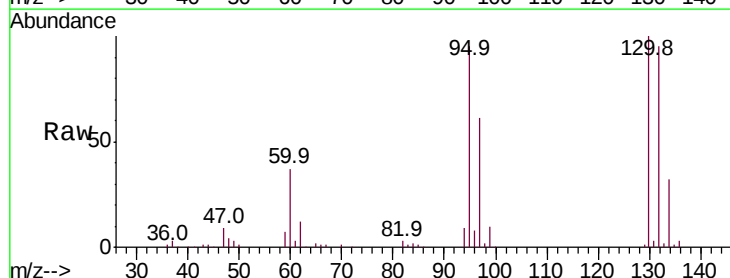
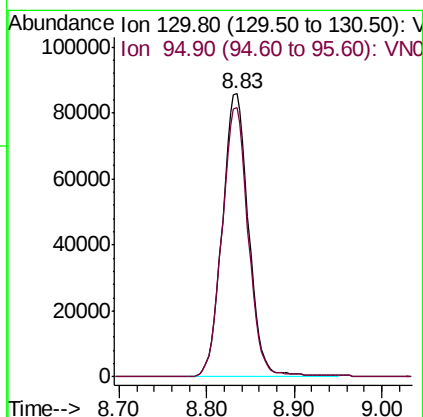
RT: 8.83 min Scan# 2196

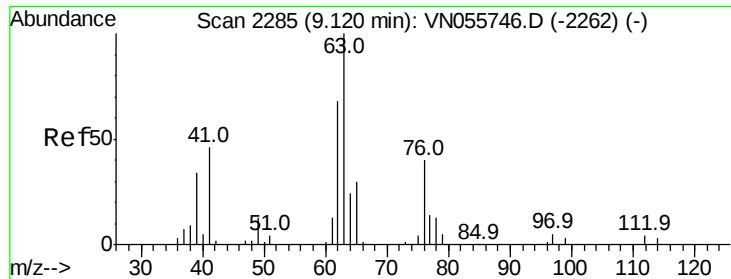
Delta R.T. 0.00 min

Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

Tgt Ion:	130	Resp:	179358
Ion Ratio	Lower	Upper	
130	100		
95	95.2	0.0	188.0





#45

1,2-Dichloropropane

Concen: 52.807 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 170080

Ion Ratio Lower Upper

63 100

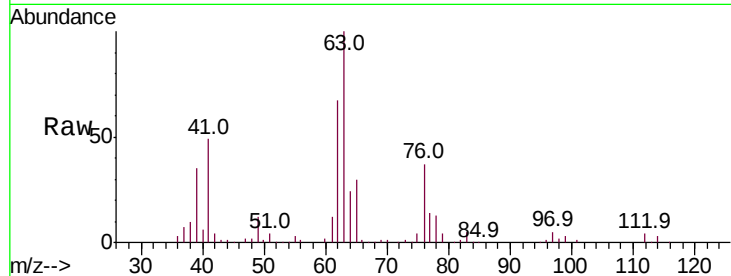
65 30.4 24.6 36.8

Manual Integrations

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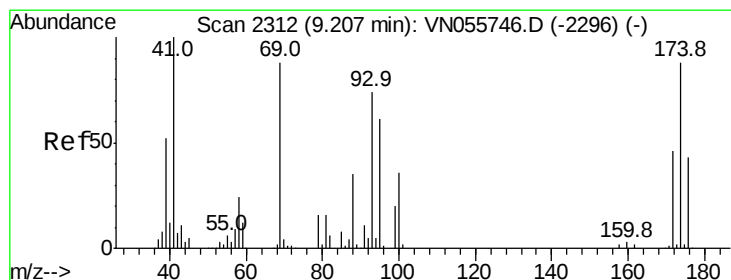
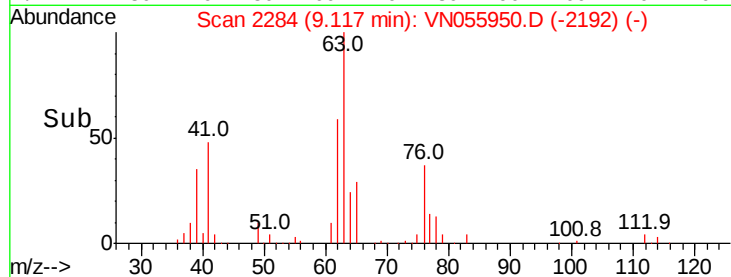
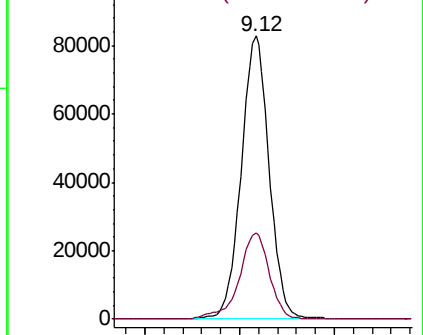
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Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 52.031 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. -0.00 min

Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

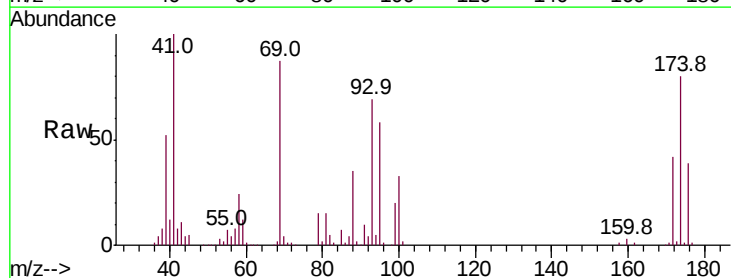
Tgt Ion: 93 Resp: 109902

Ion Ratio Lower Upper

93 100

95 84.0 66.7 100.1

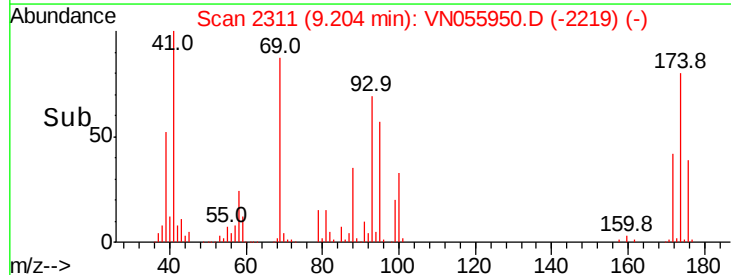
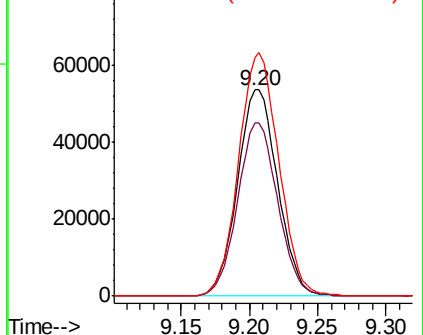
174 118.4 96.4 144.6



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 49.165 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

Instrument :

MSVOA_N

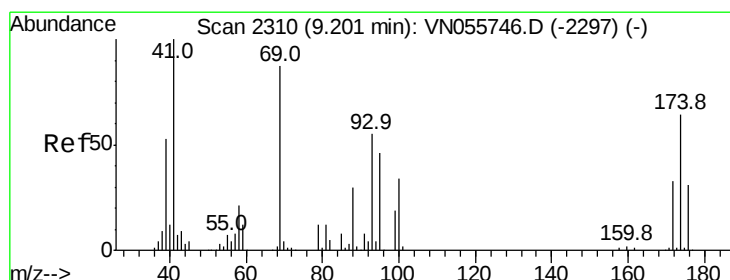
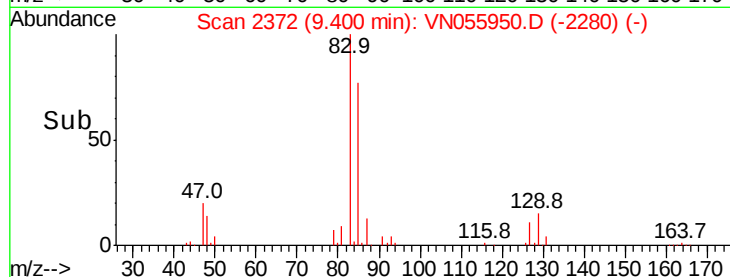
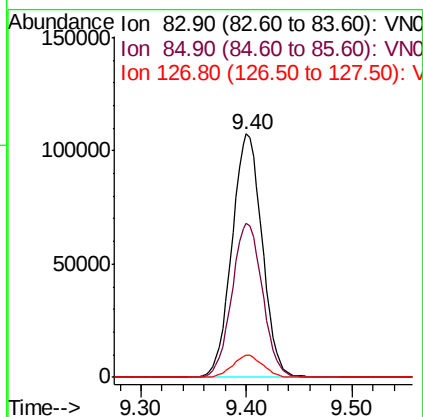
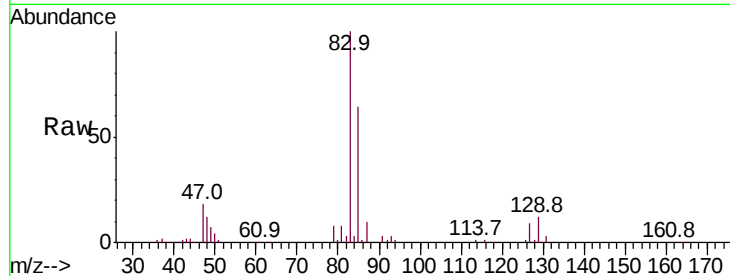
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	212945
Ion Ratio	Lower	Upper	
83	100		
85	63.5	52.2	78.2
127	9.1	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.570 ug/l

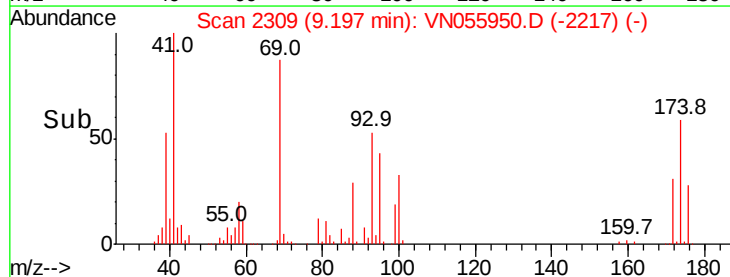
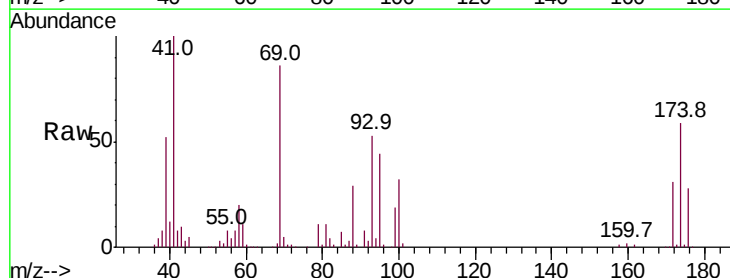
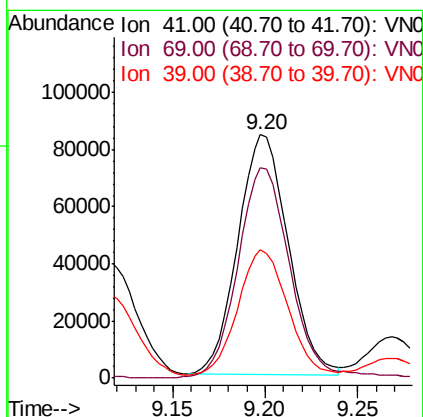
RT: 9.20 min Scan# 2309

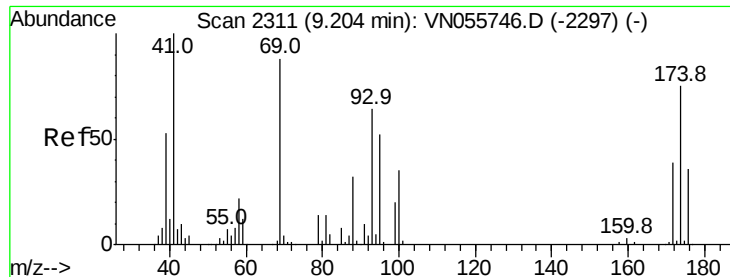
Delta R.T. -0.00 min

Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

Tgt Ion:	41	Resp:	158311
Ion Ratio	Lower	Upper	
41	100		
69	90.1	71.0	106.6
39	53.9	44.2	66.2





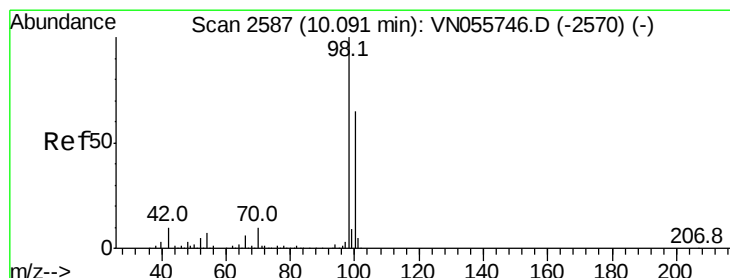
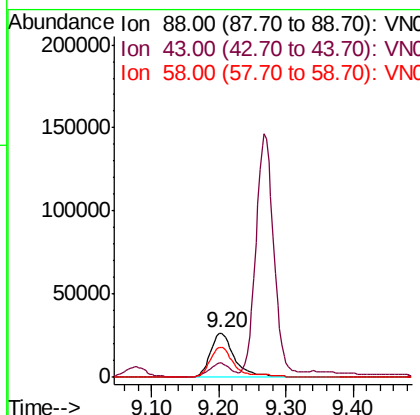
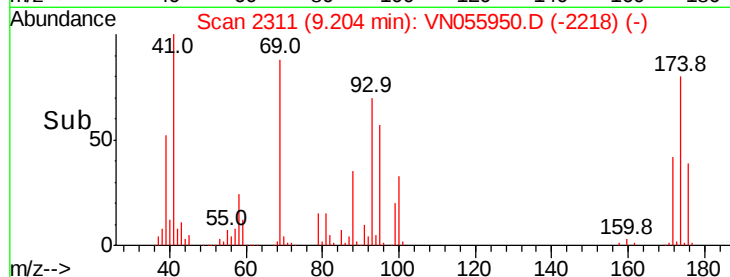
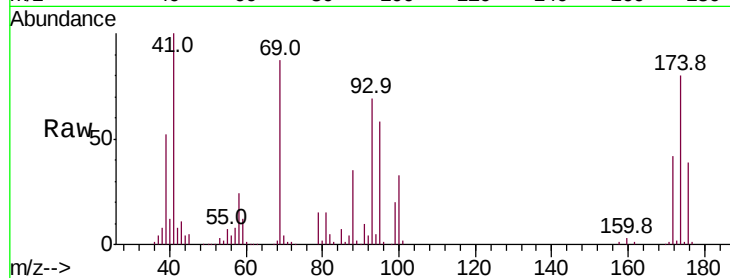
#49
 1,4-Dioxane
 Concen: 1072.985 ug/l
 RT: 9.20 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VN055950.D
 Acq: 3 Jun 2019 9:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	88	Resp	68449
Ion Ratio	Lower	Upper	
88	100		
43	25.3	20.5	30.7
58	62.4	55.8	83.6

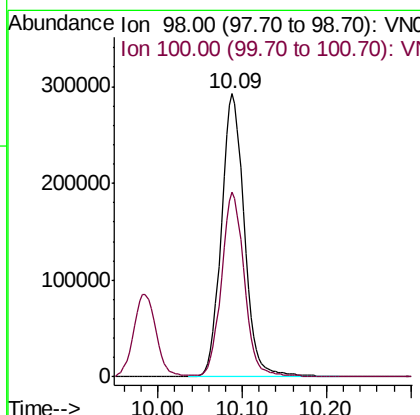
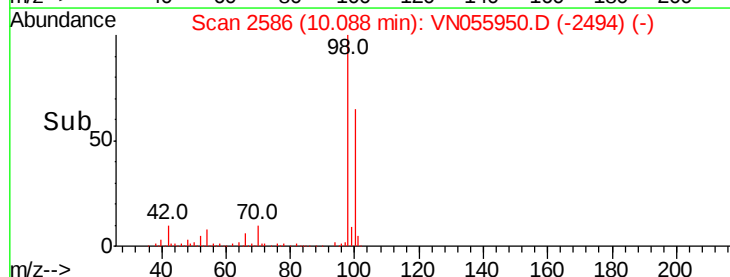
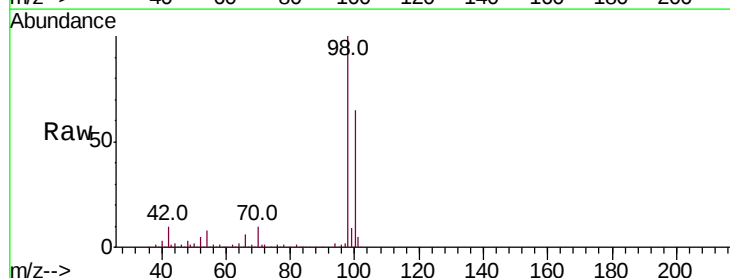
Manual Integrations
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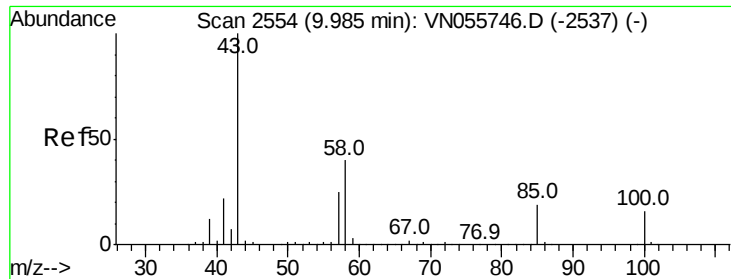
MMDadoda
 6/4/2019 11:24:34 AM



#50
 Toluene-d8
 Concen: 48.430 ug/l
 RT: 10.09 min Scan# 2586
 Delta R.T. -0.00 min
 Lab File: VN055950.D
 Acq: 3 Jun 2019 9:55

Tgt Ion	98	Resp	552815
Ion Ratio	Lower	Upper	
98	100		
100	65.2	51.9	77.9





#51

4-Methyl-2-Pentanone

Concen: 260.722 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 1025649

Ion Ratio Lower Upper

43 100

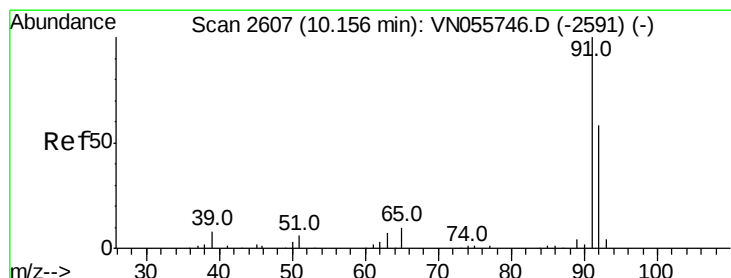
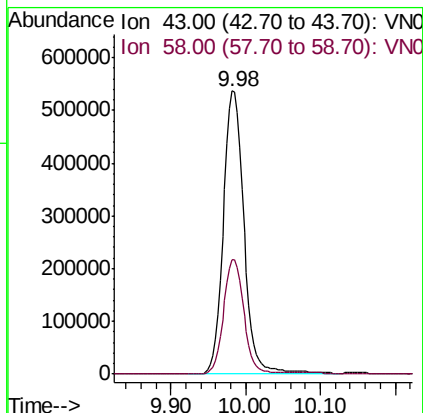
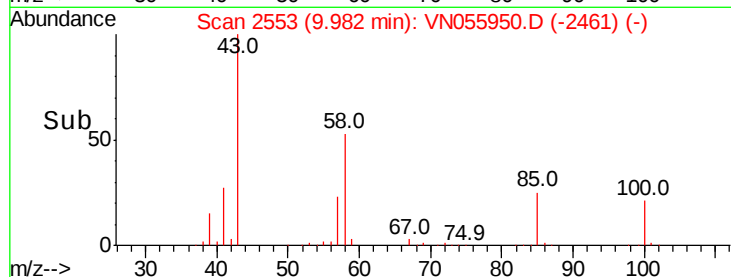
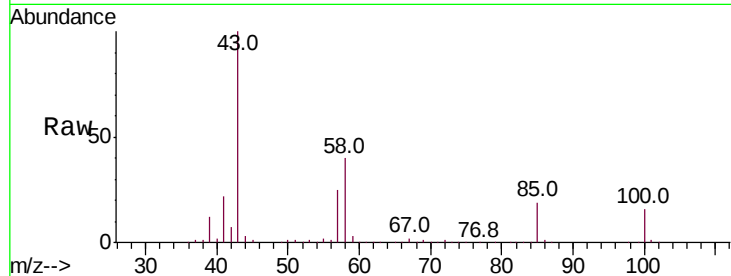
58 40.1 32.1 48.1

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#52

Toluene

Concen: 51.713 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN055950.D

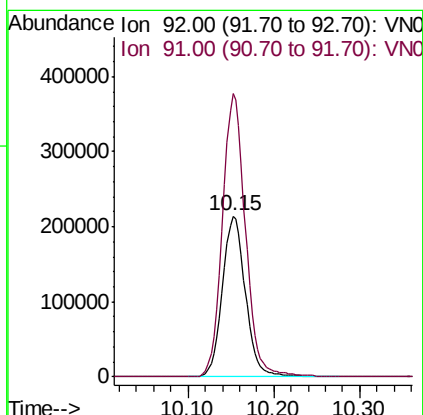
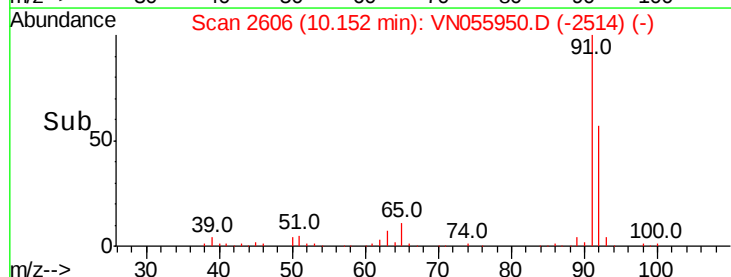
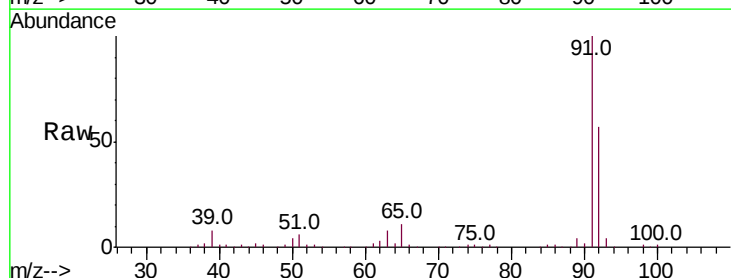
Acq: 3 Jun 2019 9:55

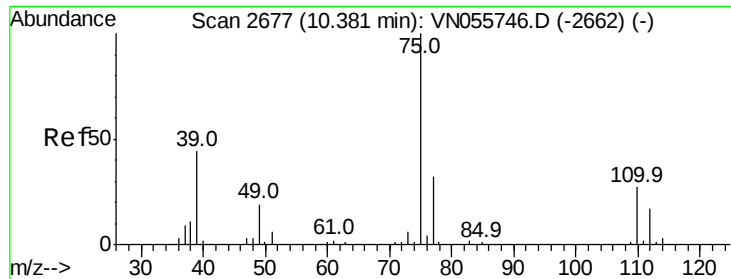
Tgt Ion: 92 Resp: 402060

Ion Ratio Lower Upper

92 100

91 175.9 139.4 209.2





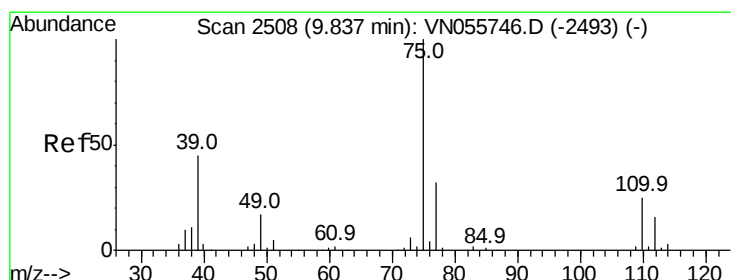
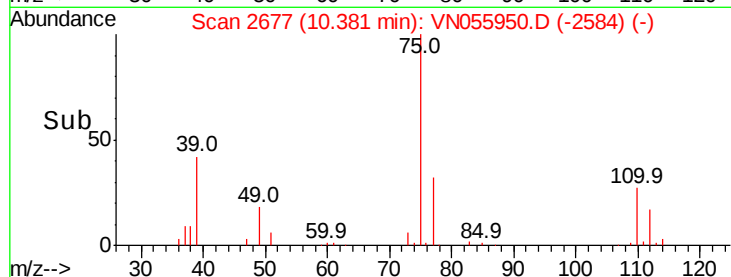
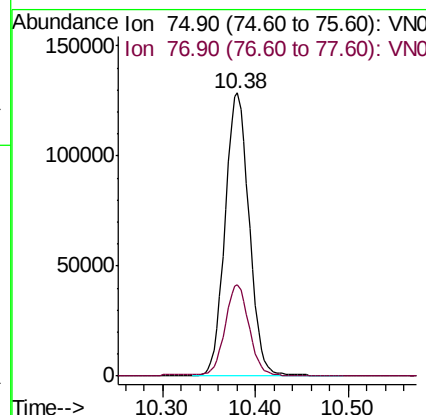
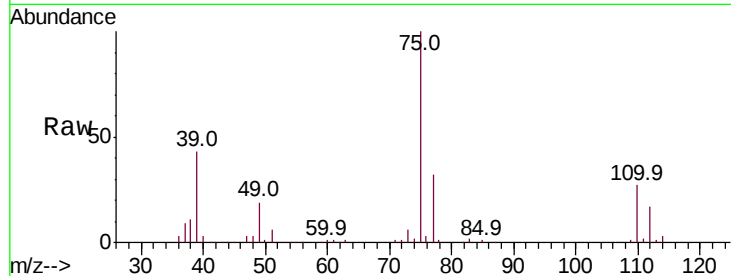
#53
t-1,3-Dichloropropene
Concen: 50.287 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 75 Resp: 232491
Ion Ratio Lower Upper
75 100
77 32.1 25.8 38.6

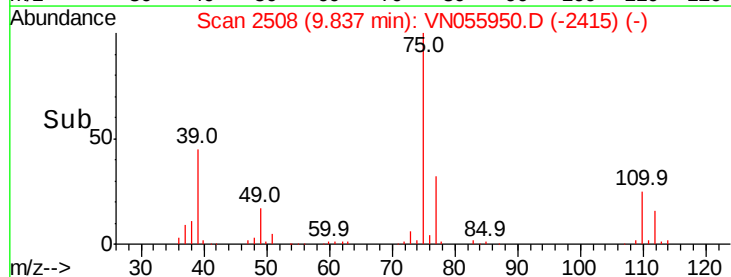
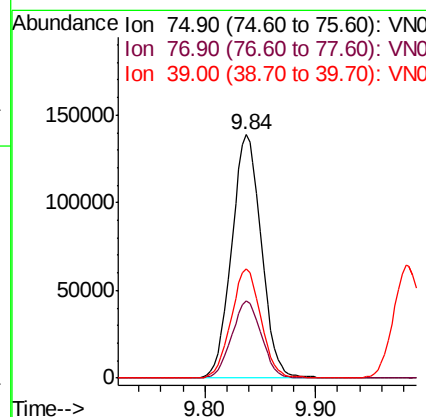
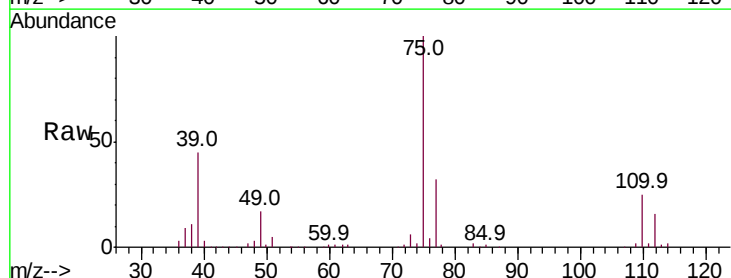
Manual Integrations
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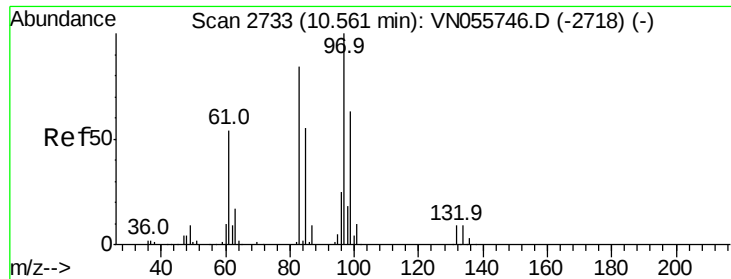
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 50.752 ug/l
RT: 9.84 min Scan# 2508
Delta R.T. 0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Tgt Ion: 75 Resp: 259934
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.0
39 45.0 36.3 54.5





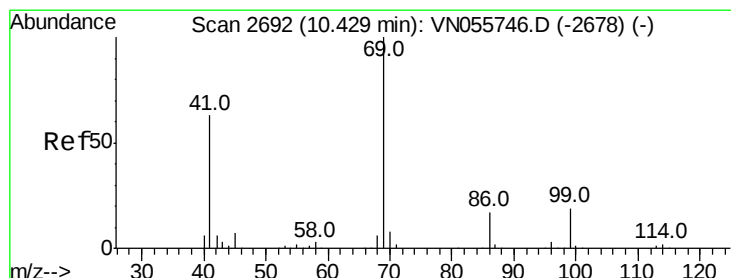
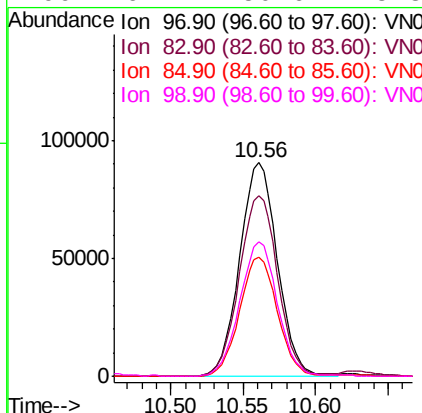
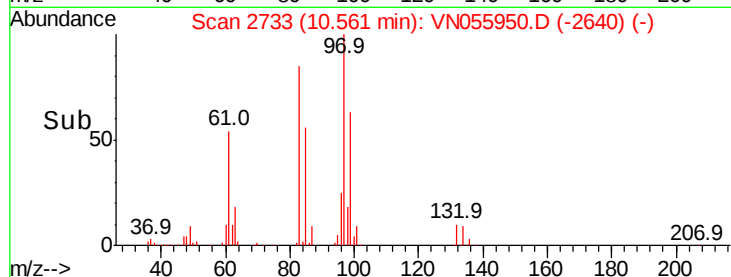
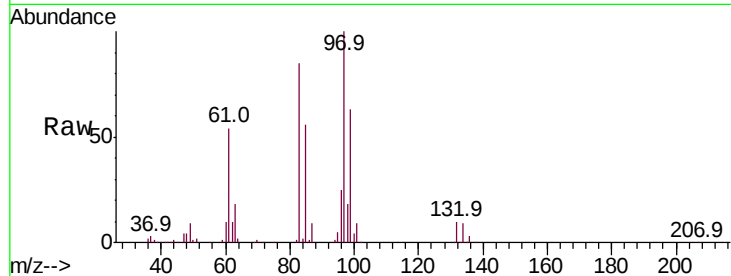
#55
1,1,2-Trichloroethane
Concen: 52.769 ug/l
RT: 10.56 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:	97	Resp:	164356
Ion	Ratio	Lower	Upper
97	100		
83	84.6	67.0	100.6
85	55.6	44.0	66.0
99	62.7	50.6	75.8

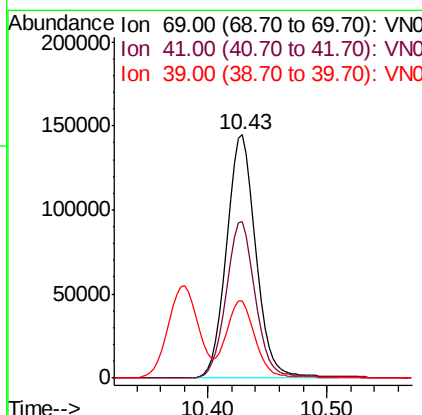
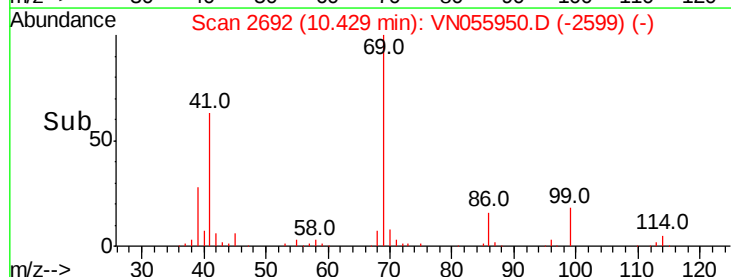
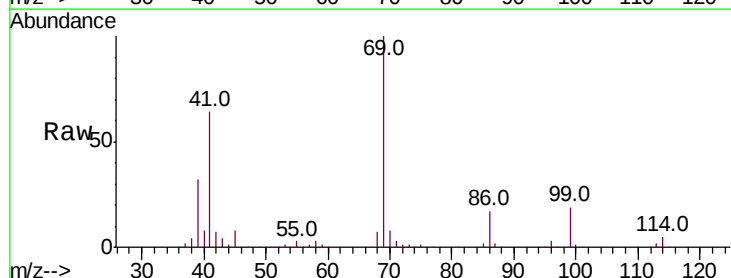
Manual Integrations
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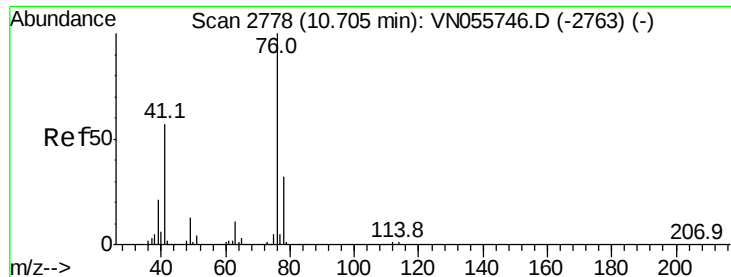
MMDadoda
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#56
Ethyl methacrylate
Concen: 51.386 ug/l
RT: 10.43 min Scan# 2692
Delta R.T. 0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Tgt Ion:	69	Resp:	247351
Ion	Ratio	Lower	Upper
69	100		
41	64.4	49.7	74.5
39	31.7	24.7	37.1





#57

1,3-Dichloropropane

Concen: 52.886 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 267749

Ion Ratio Lower Upper

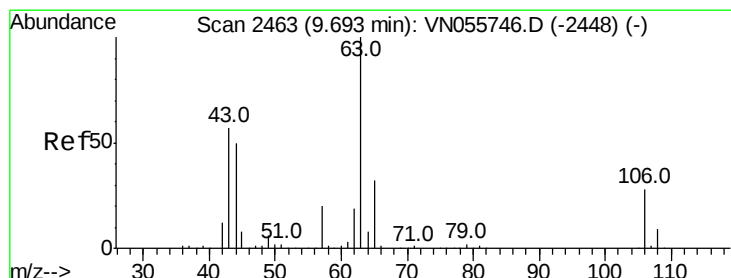
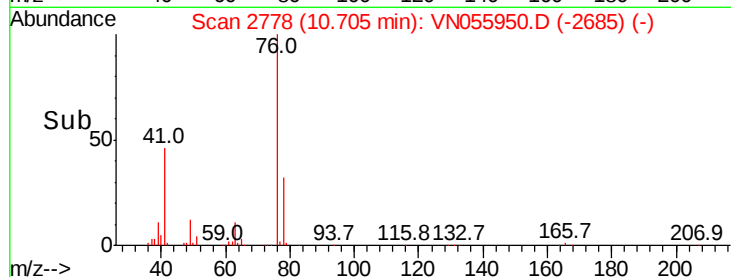
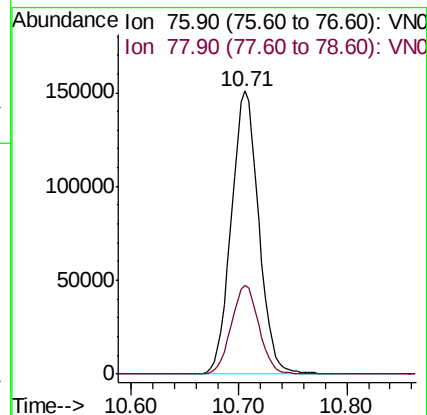
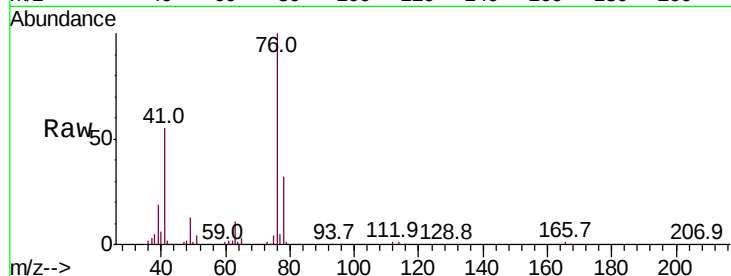
76 100

78 31.9 25.8 38.6

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 237.785 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN055950.D

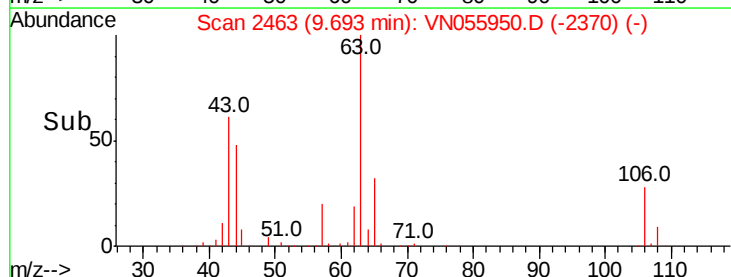
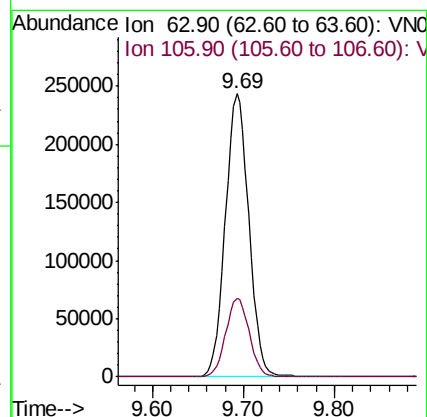
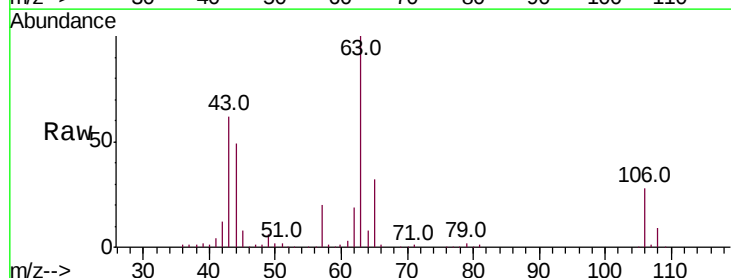
Acq: 3 Jun 2019 9:55

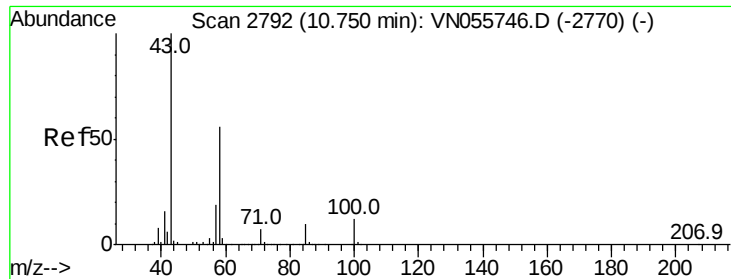
Tgt Ion: 63 Resp: 437422

Ion Ratio Lower Upper

63 100

106 27.9 22.7 34.1





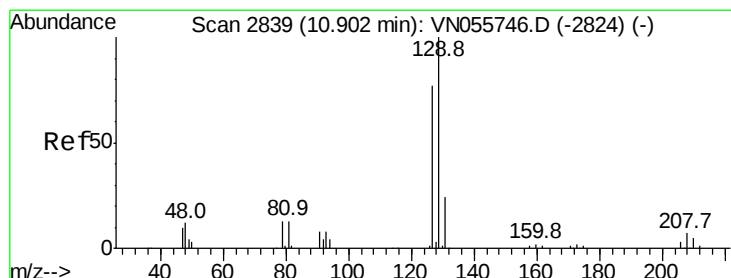
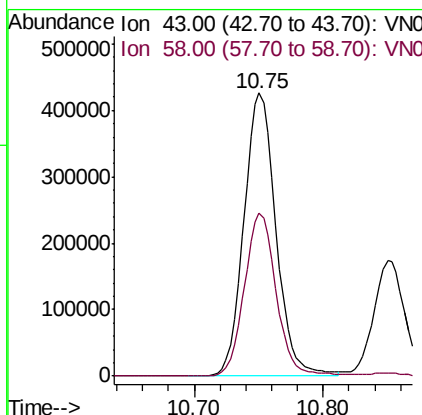
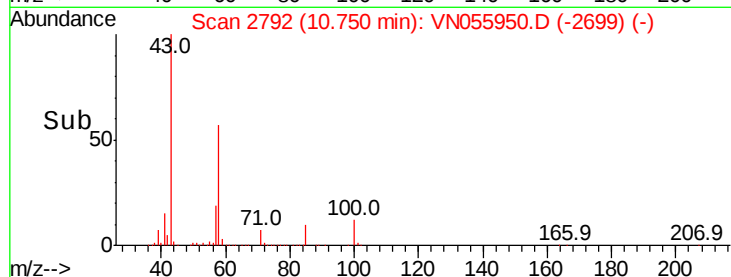
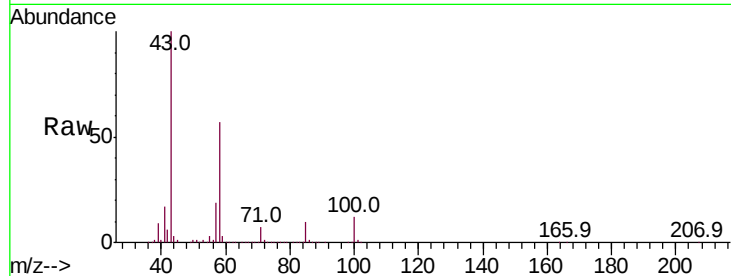
#59
2-Hexanone
Concen: 263.845 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 736318
Ion Ratio Lower Upper
43 100
58 57.4 28.2 84.7

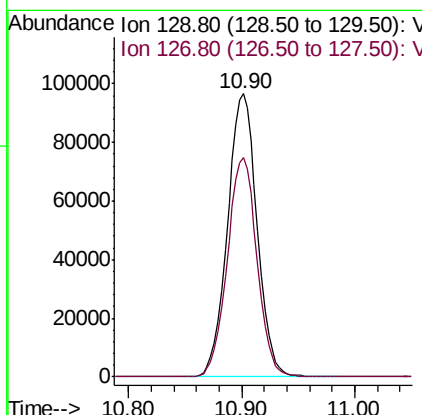
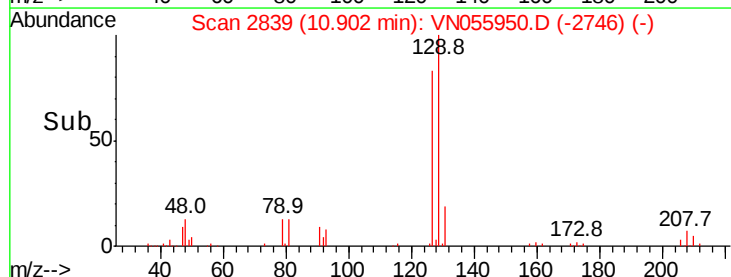
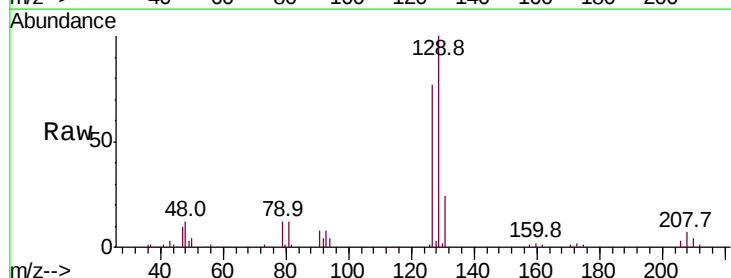
Manual Integrations
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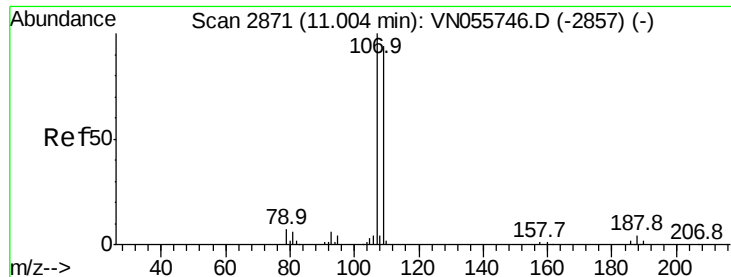
MMDadoda
6/4/2019 11:24:34 AM



#60
Dibromochloromethane
Concen: 48.309 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Tgt Ion: 129 Resp: 175283
Ion Ratio Lower Upper
129 100
127 77.7 38.1 114.3





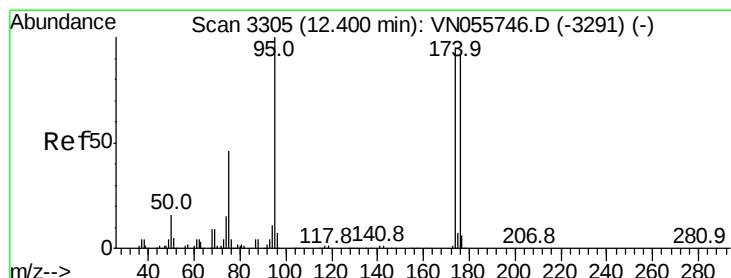
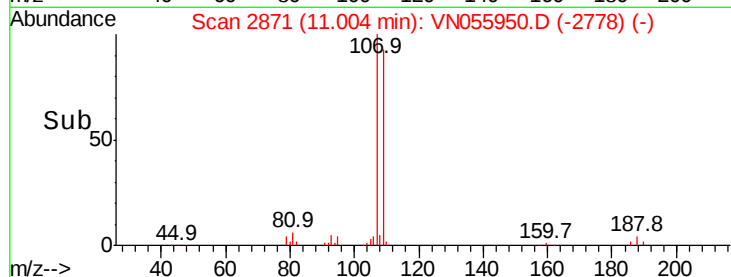
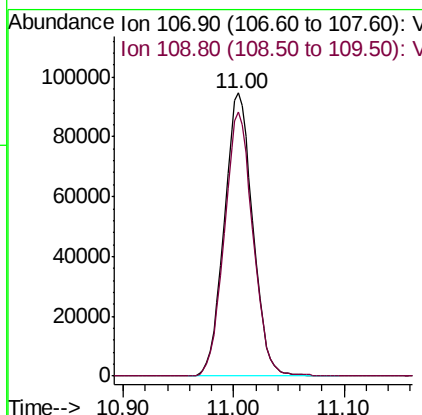
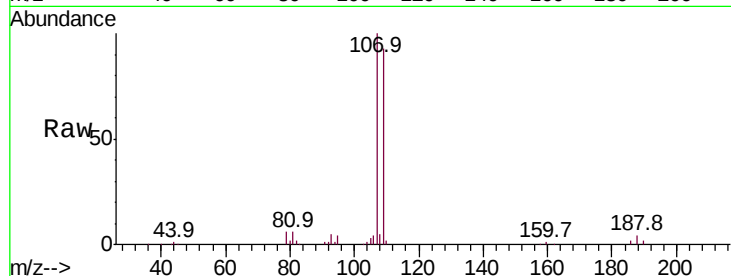
#61
 1,2-Dibromoethane
 Concen: 52.520 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN055950.D
 Acq: 3 Jun 2019 9:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.5	74.8	112.2

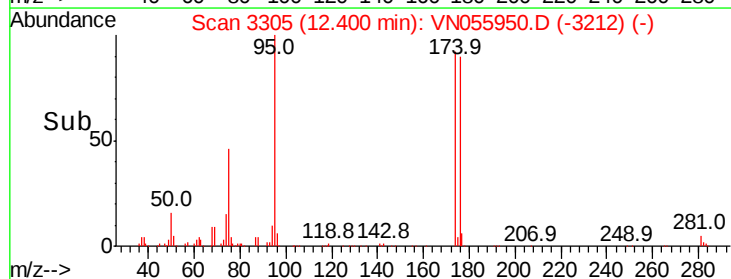
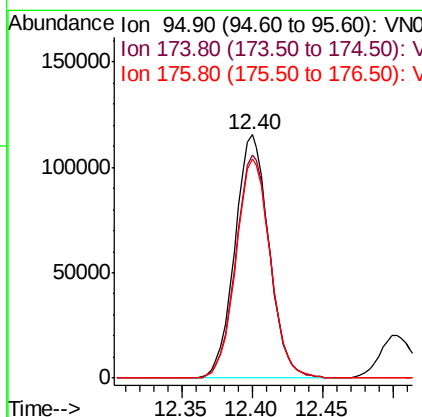
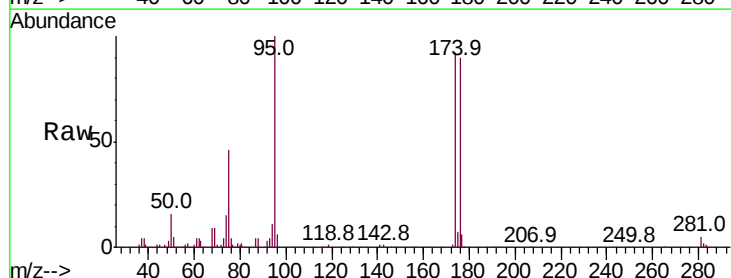
Manual Integrations
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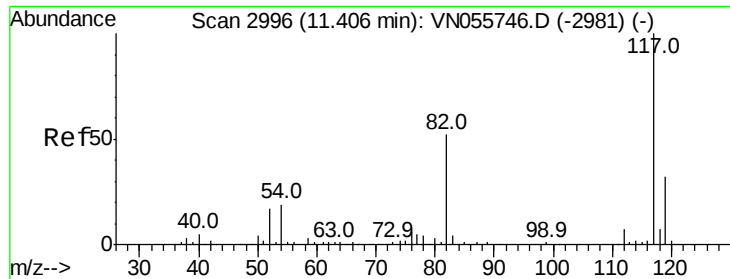
MMDadoda
 6/4/2019 11:24:34 AM



#62
 4-Bromofluorobenzene
 Concen: 50.067 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN055950.D
 Acq: 3 Jun 2019 9:55

Tgt Ion	Ratio	Lower	Upper
95	100		
174	92.3	0.0	191.0
176	90.5	0.0	185.2





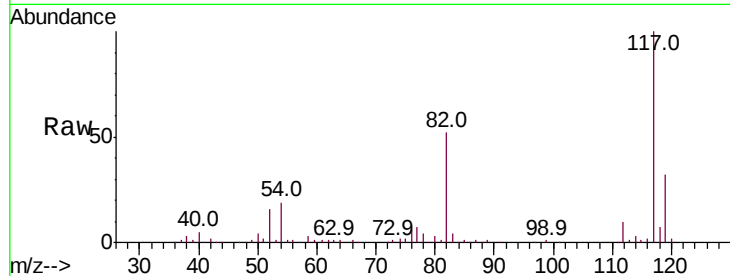
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.3	41.8	62.8
119	32.4	25.4	38.0

Manual Integrations
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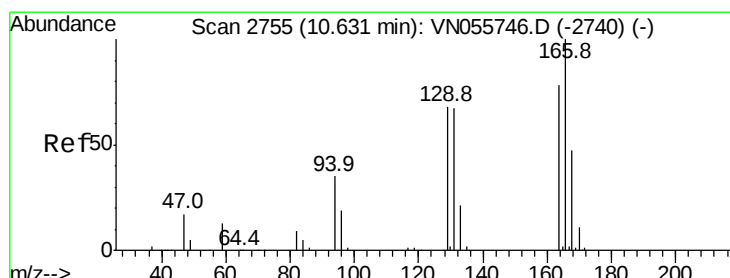
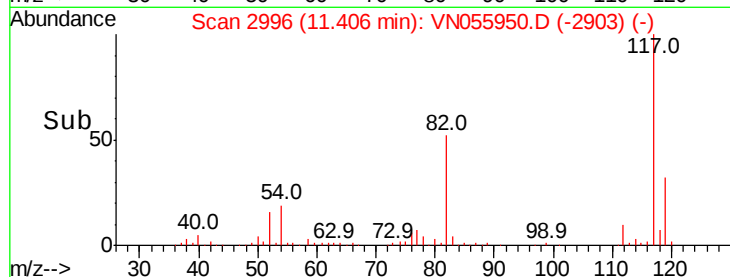
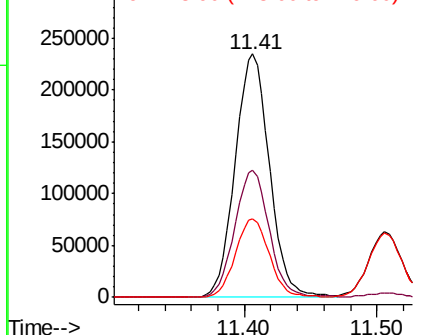


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 49.956 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.0	103.0	154.6
129	88.8	70.6	105.8
131	85.3	68.6	102.8

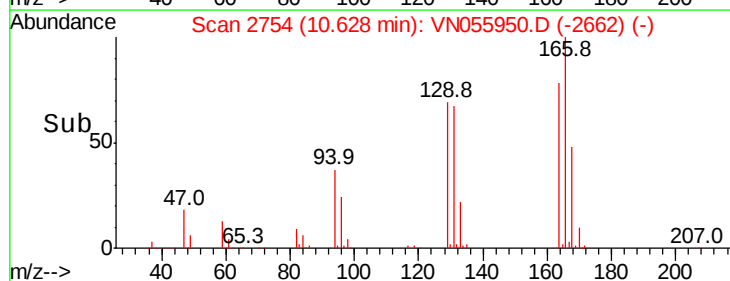
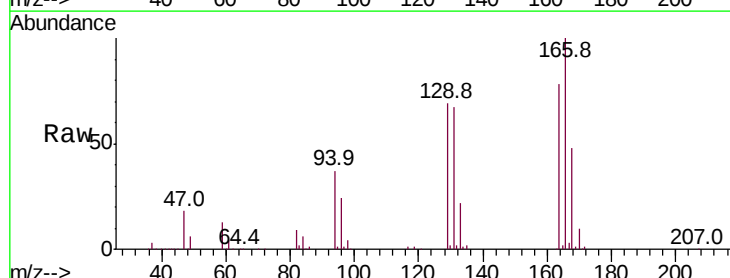
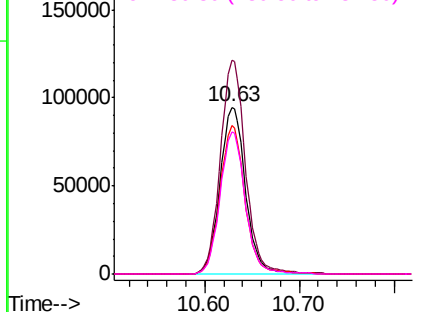
Abundance

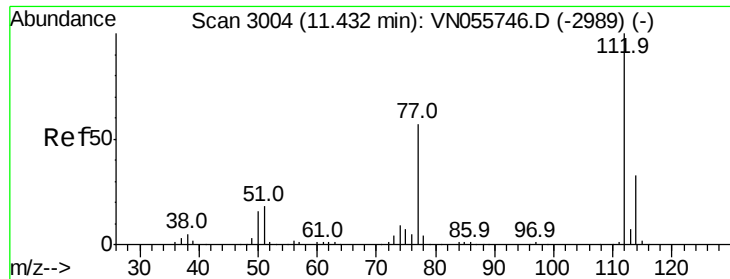
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





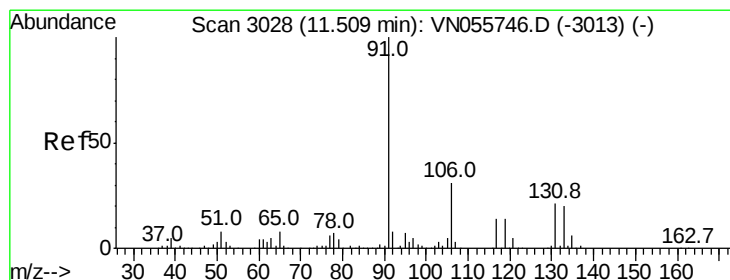
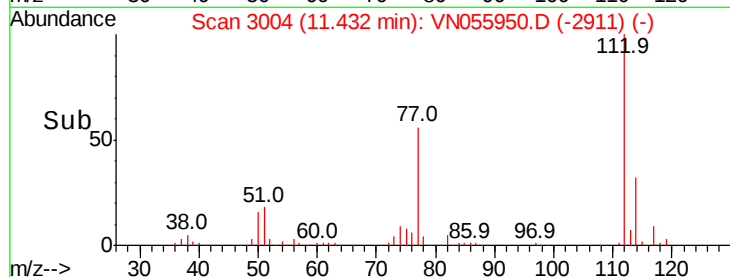
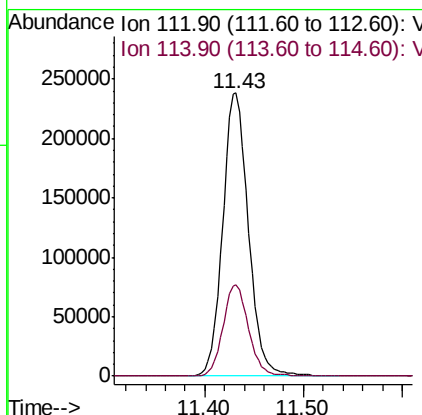
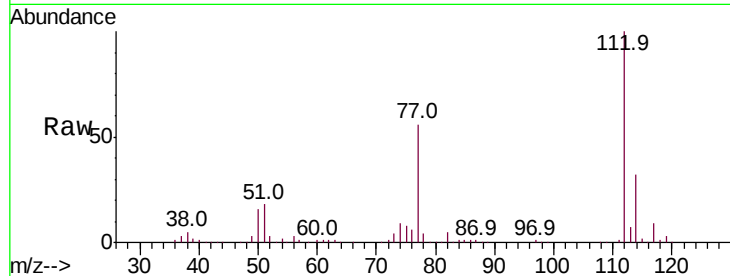
#65
Chlorobenzene
Concen: 51.318 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion:112 Resp: 434032
Ion Ratio Lower Upper
112 100
114 32.4 26.2 39.4

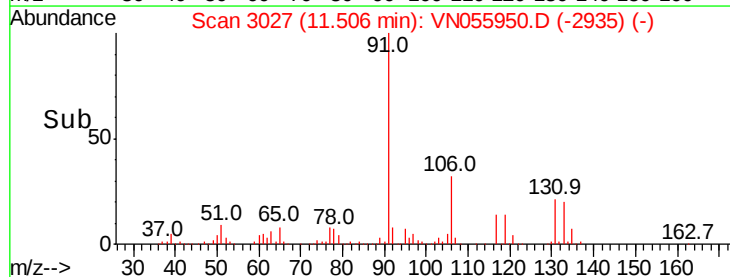
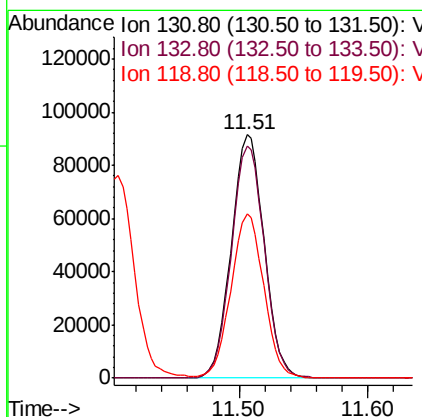
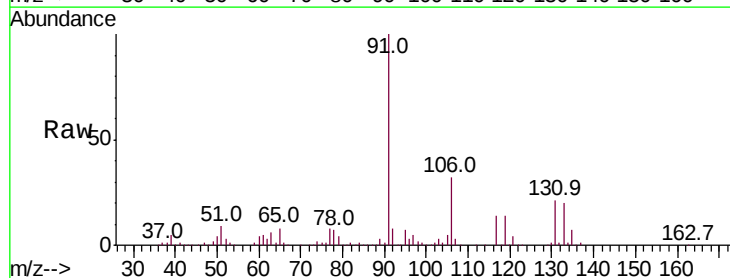
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#66
1,1,1,2-Tetrachloroethane
Concen: 47.922 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Tgt Ion:131 Resp: 161651
Ion Ratio Lower Upper
131 100
133 96.1 48.0 144.0
119 67.6 33.1 99.5





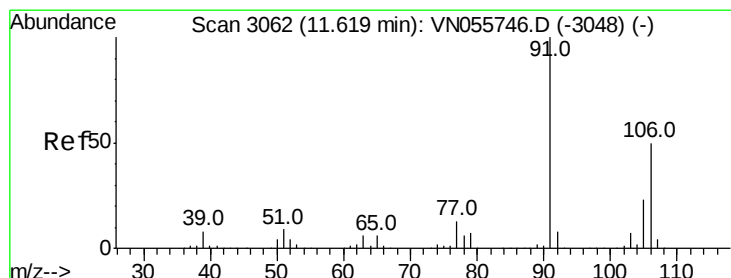
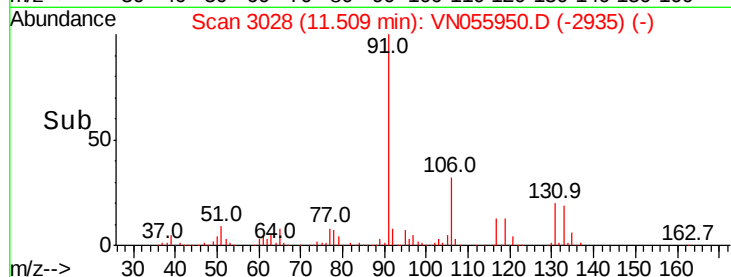
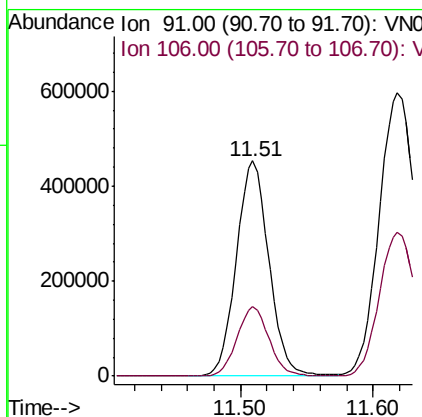
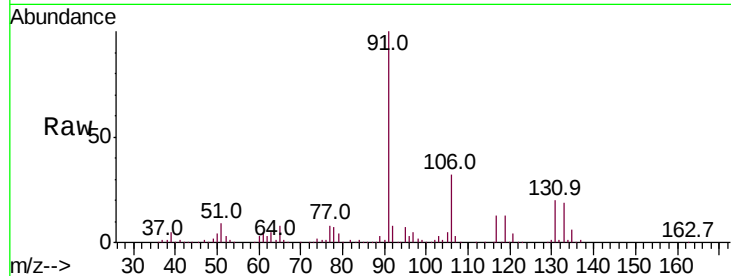
#67
Ethyl Benzene
Concen: 51.014 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 773741
Ion Ratio Lower Upper
91 100
106 32.2 25.1 37.7

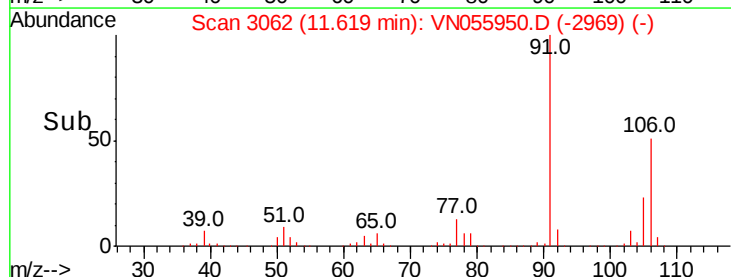
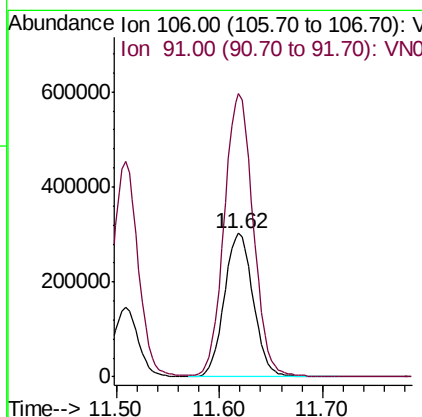
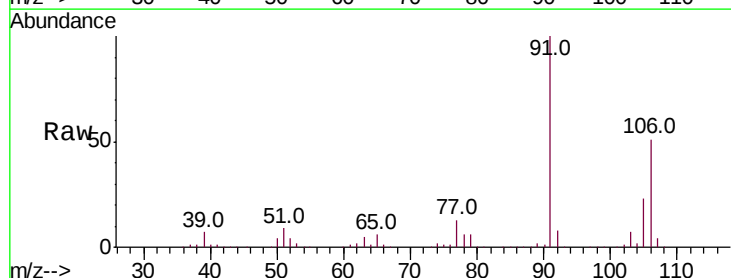
Manual Integrations
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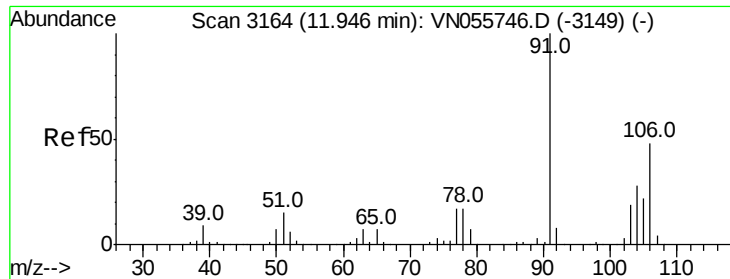
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#68
m/p-Xylenes
Concen: 103.382 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Tgt Ion: 106 Resp: 592782
Ion Ratio Lower Upper
106 100
91 197.9 159.3 238.9





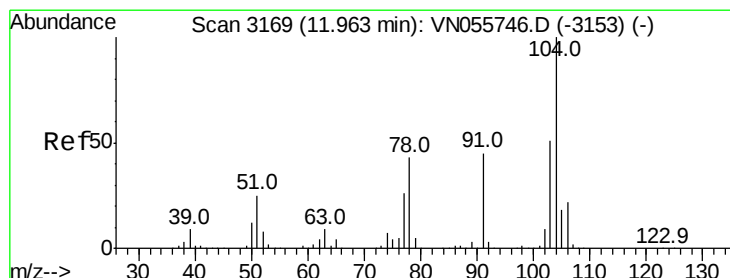
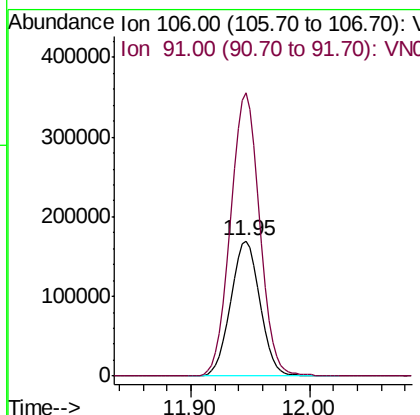
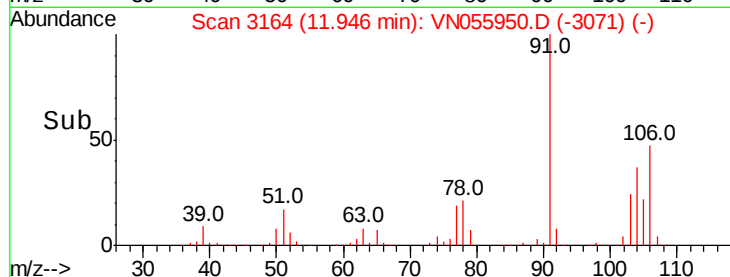
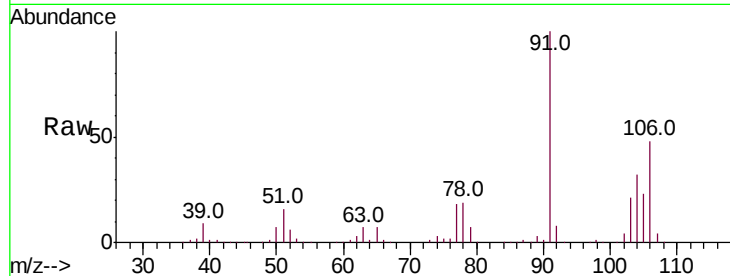
#69
o-Xylene
Concen: 51.100 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion:106 Resp: 290698
Ion Ratio Lower Upper
106 100
91 207.7 104.7 314.1

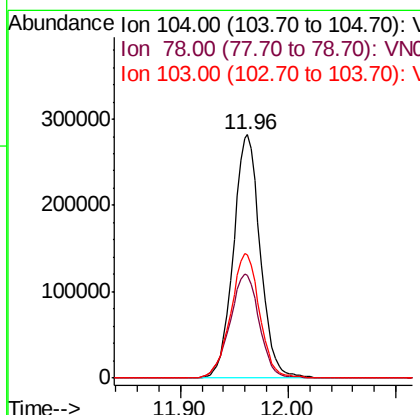
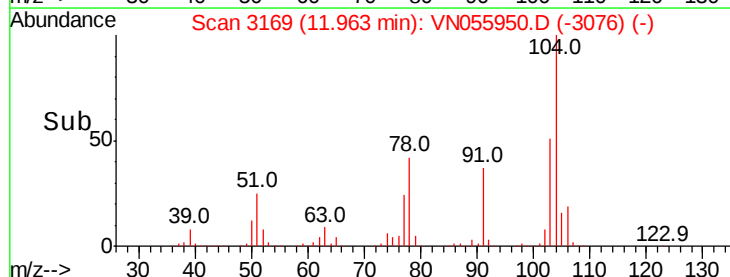
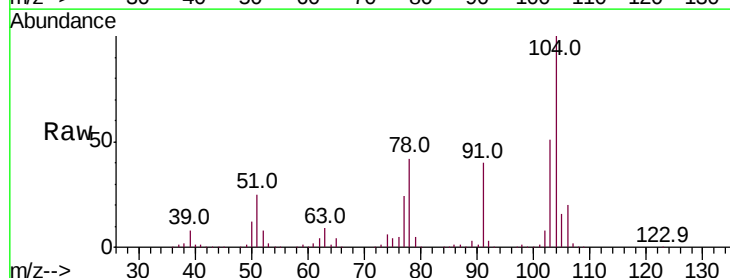
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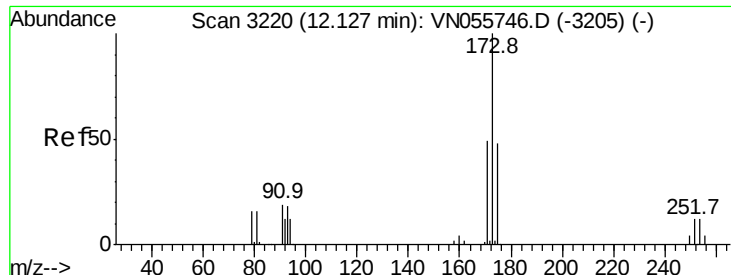
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#70
Styrene
Concen: 53.074 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Tgt Ion:104 Resp: 488942
Ion Ratio Lower Upper
104 100
78 47.2 37.8 56.6
103 55.2 44.2 66.2





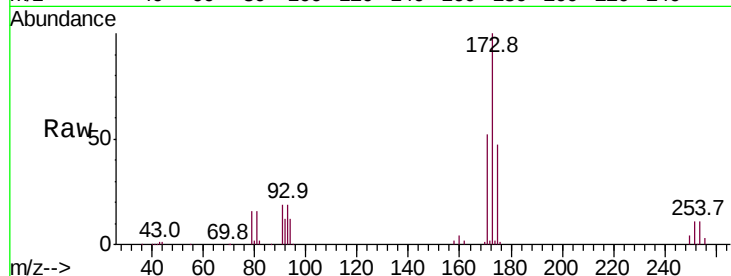
#71
Bromoform
Concen: 44.903 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.3	72.8
254	0.0	0.0	0.0

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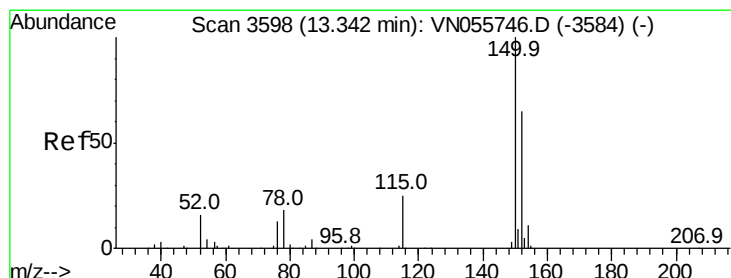
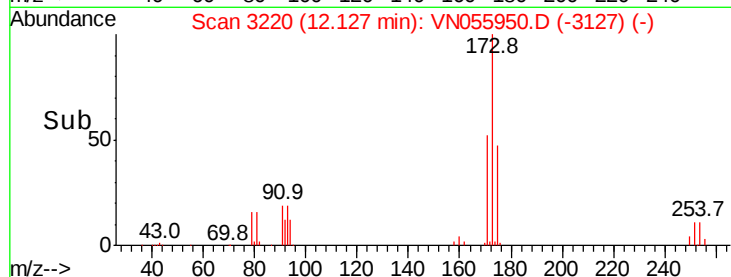
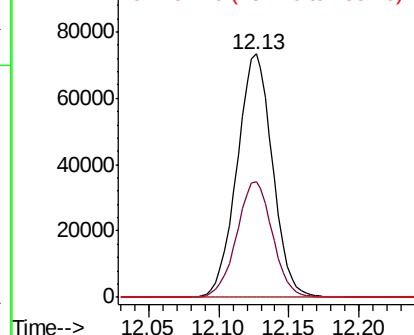


Abundance

Ion 172.70 (172.40 to 173.40): V

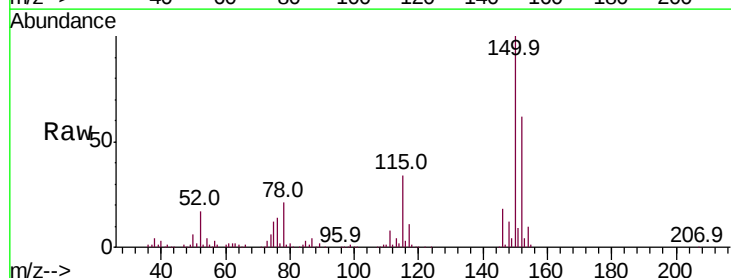
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.7	27.0	81.0
150	173.9	0.0	343.2

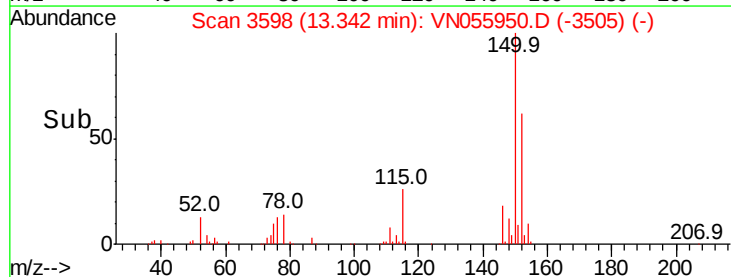
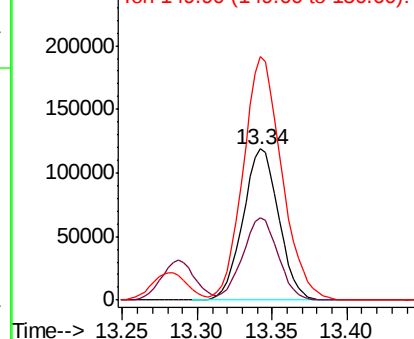


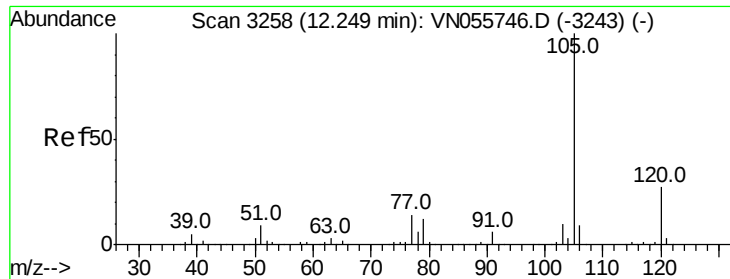
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 55.328 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 774309

Ion Ratio Lower Upper

105 100

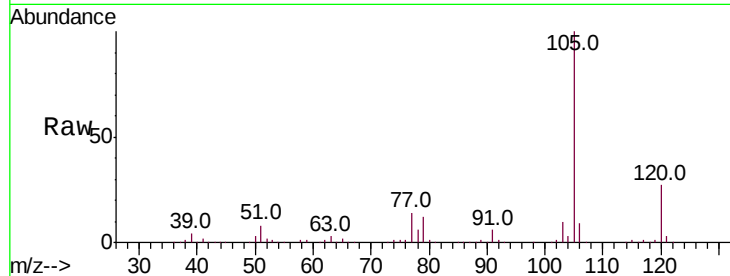
120 27.2 13.6 40.7

Manual Integrations

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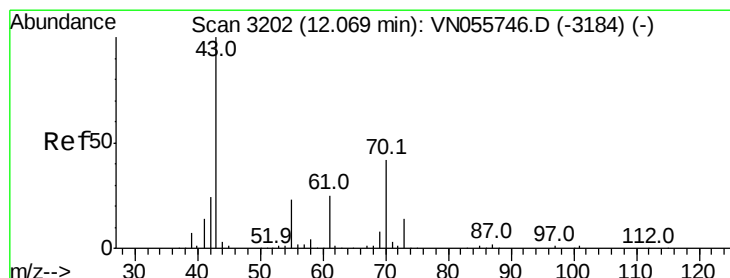
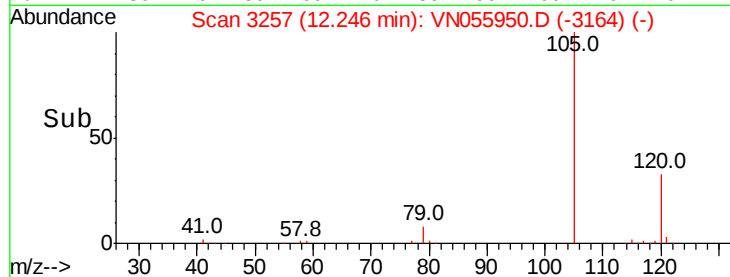
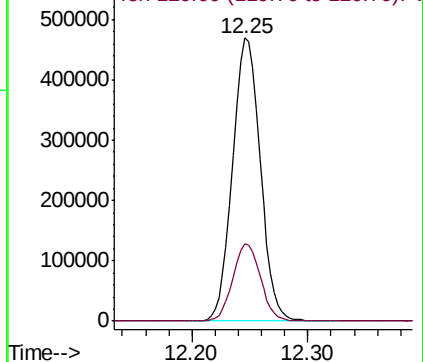
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.010 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

Tgt Ion: 43 Resp: 278027

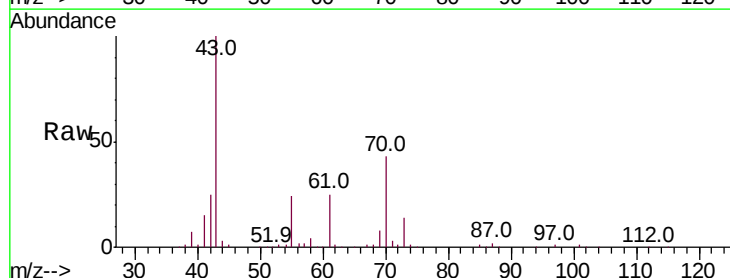
Ion Ratio Lower Upper

43 100

70 43.6 34.0 51.0

55 24.6 18.6 28.0

61 25.2 20.0 30.0

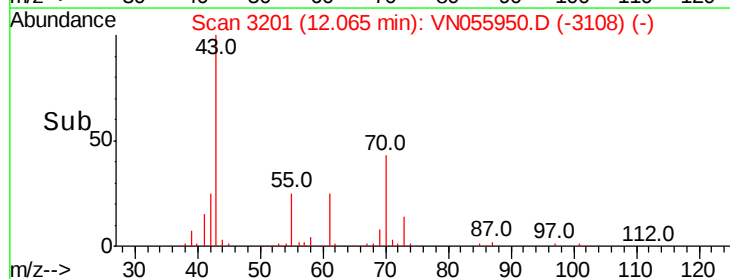
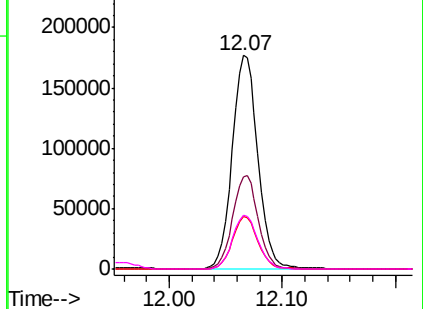


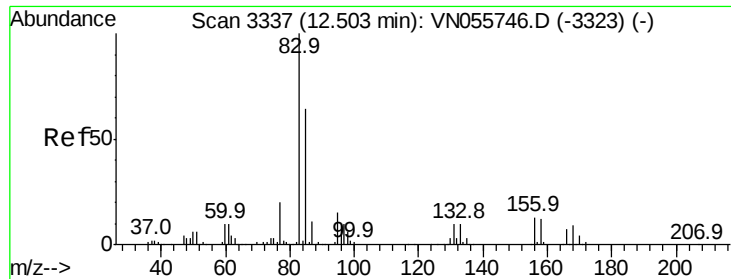
Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO





#75

1,1,2,2-Tetrachloroethane

Concen: 55.891 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

Instrument :

MSVOA_N

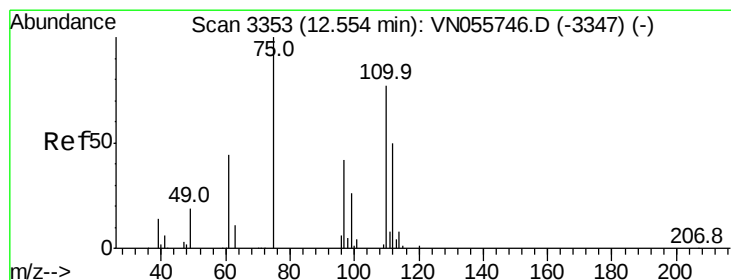
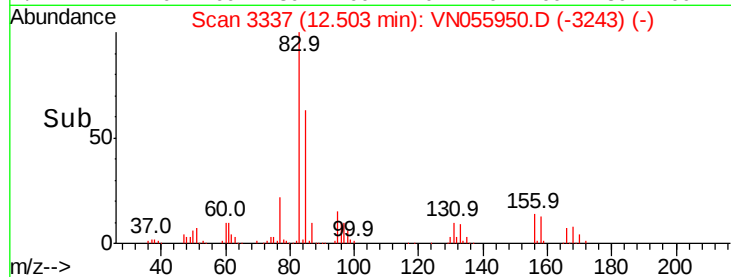
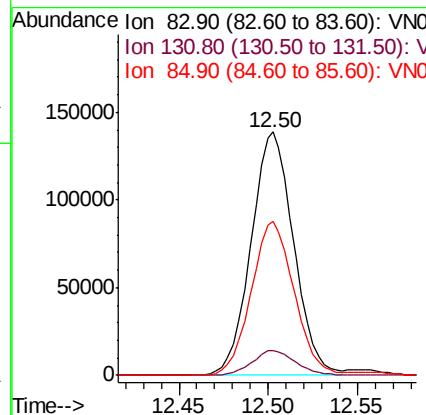
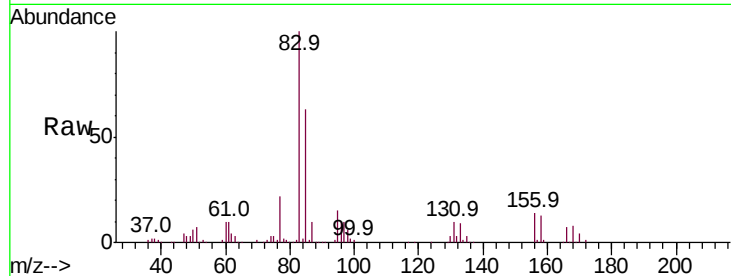
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	231232
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.4	16.2
85	63.8	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 55.306 ug/l m

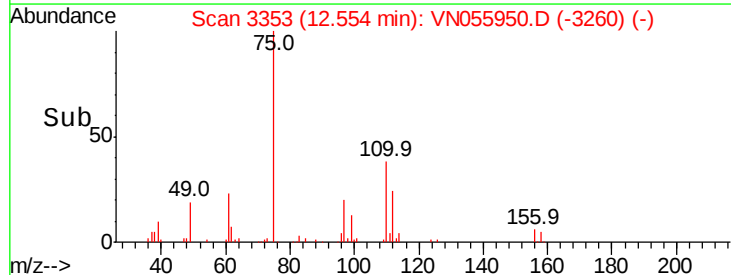
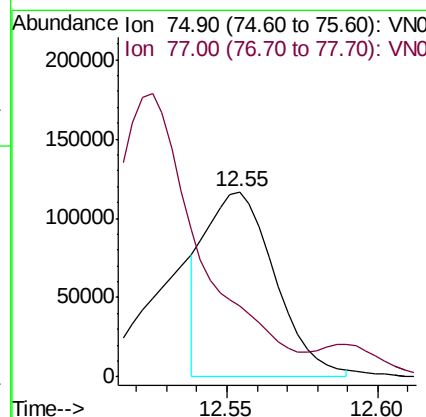
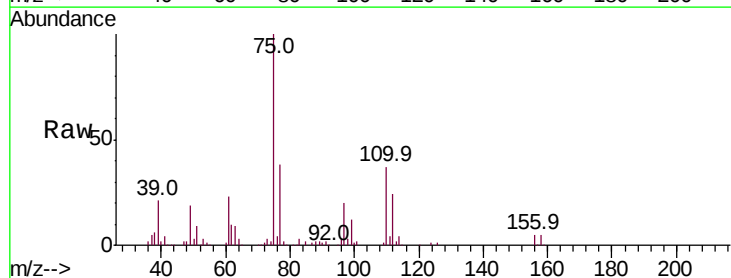
RT: 12.55 min Scan# 3353

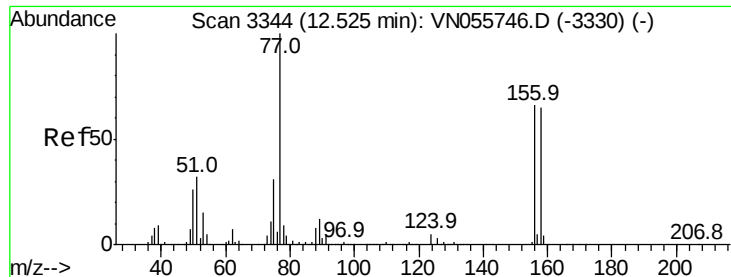
Delta R.T. 0.00 min

Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

Tgt Ion:	75	Resp:	187188
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





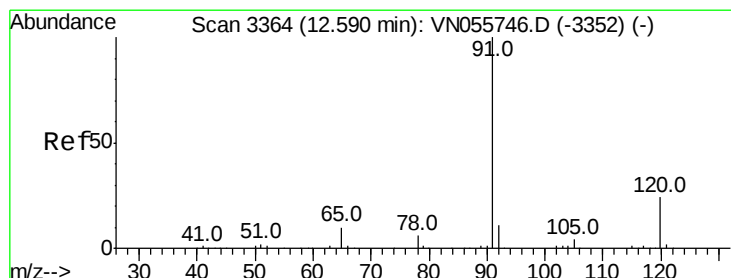
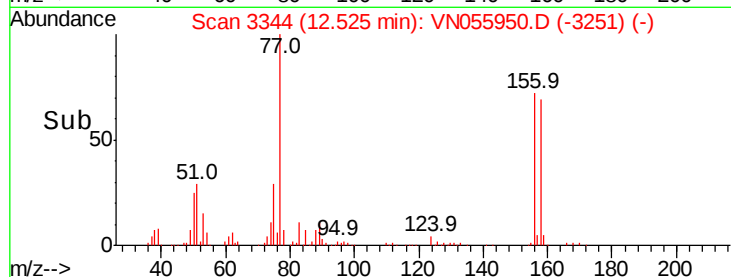
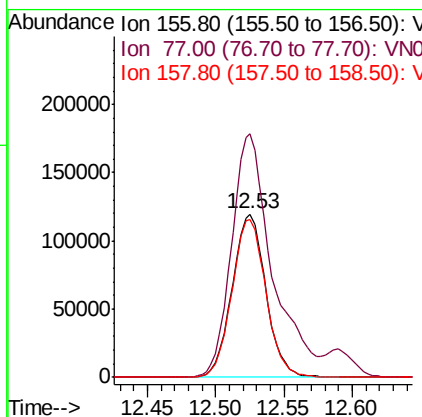
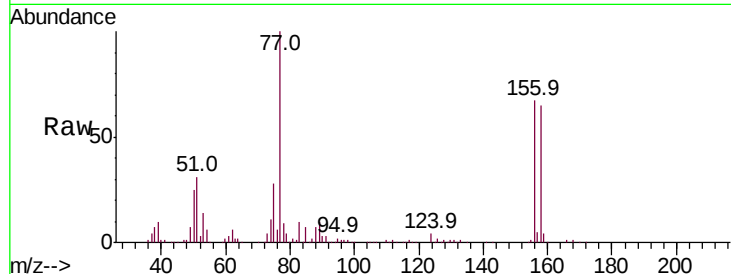
#77
Bromobenzene
Concen: 48.515 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. -0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	181.0	90.8	272.5
158	97.7	49.3	147.8

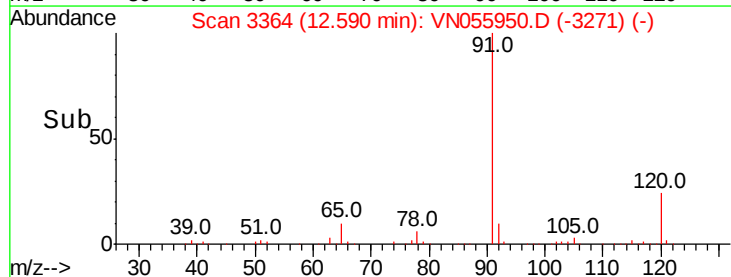
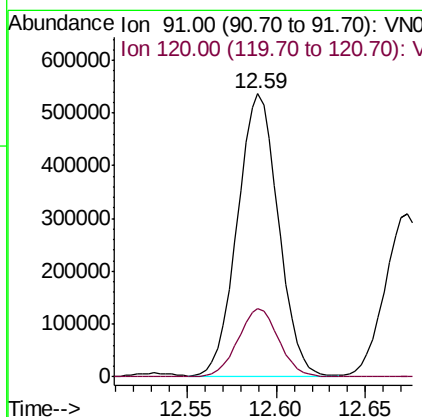
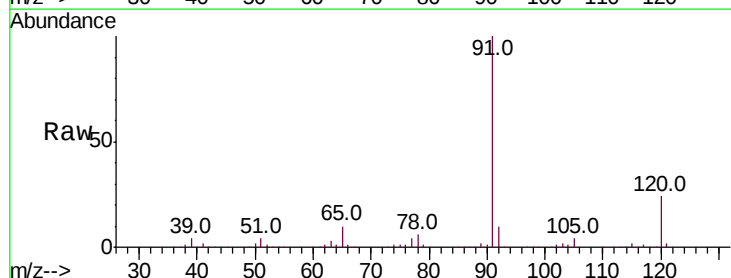
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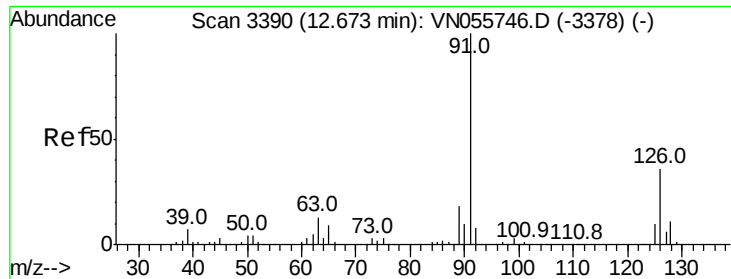
MMDadoda
6/4/2019 11:24:34 AM



#78
n-propylbenzene
Concen: 49.939 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.0	12.0	36.0





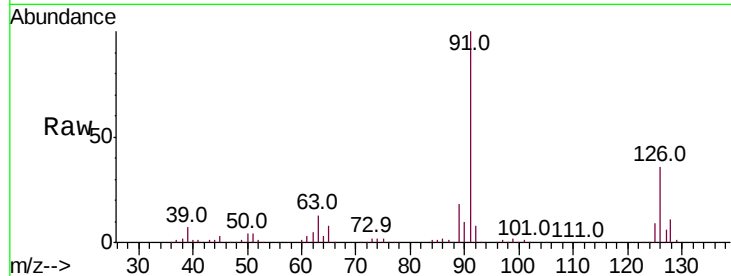
#79
2-Chlorotoluene
Concen: 55.592 ug/l
RT: 12.67 min Scan# 3390
Delta R.T. 0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

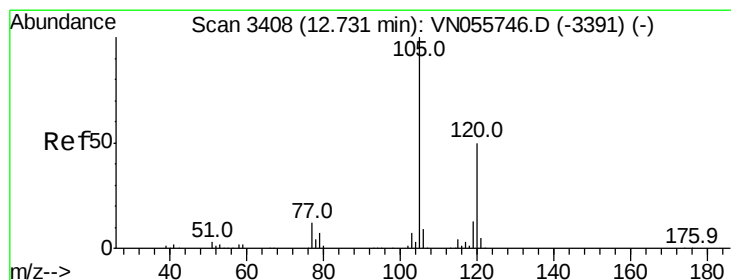
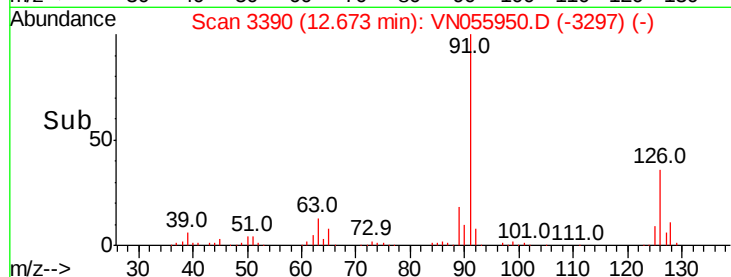
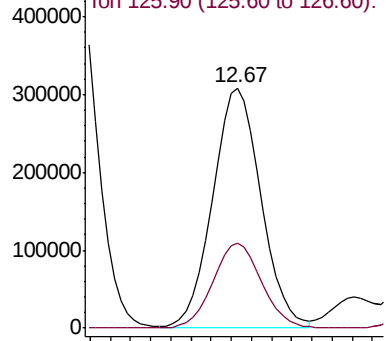
Tot Ion: 91 Resp: 512029
Ion Ratio Lower Upper
91 100
126 36.0 18.1 54.4

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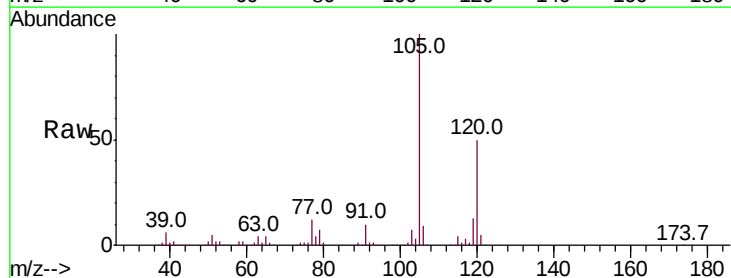


Abundance Ion 91.00 (90.70 to 91.70): VN055746.D (-3378) (-)
Ion 125.90 (125.60 to 126.60): VN055746.D (-3378) (-)

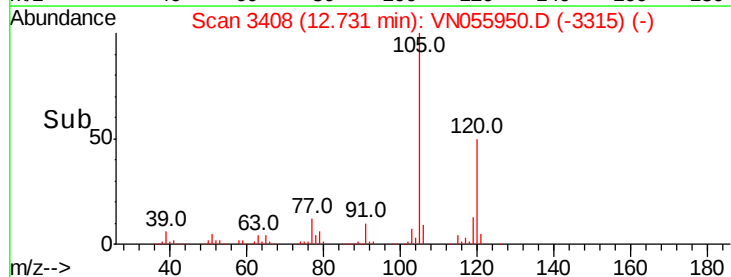
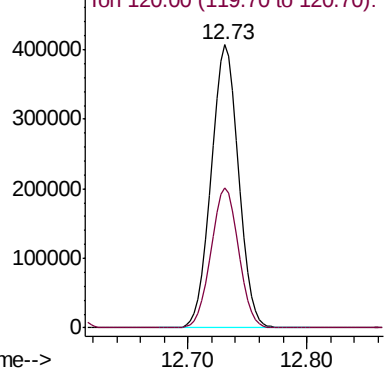


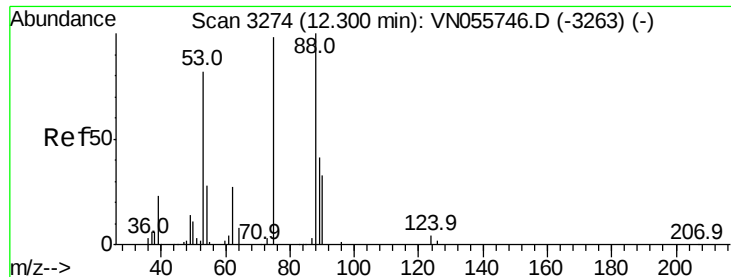
#80
1,3,5-Trimethylbenzene
Concen: 54.961 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. 0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Tgt Ion: 105 Resp: 647770
Ion Ratio Lower Upper
105 100
120 50.0 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VN055746.D (-3391) (-)
Ion 120.00 (119.70 to 120.70): VN055746.D (-3391) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 44.383 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. -0.00 min

Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

Instrument :

MSVOA_N

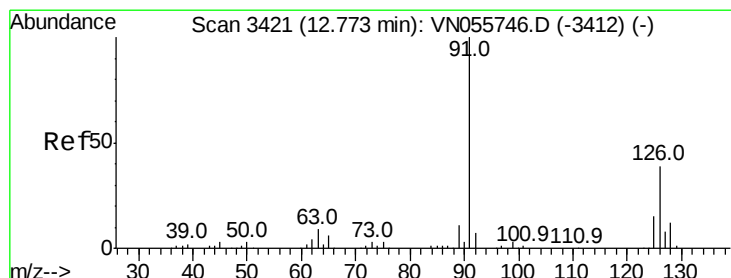
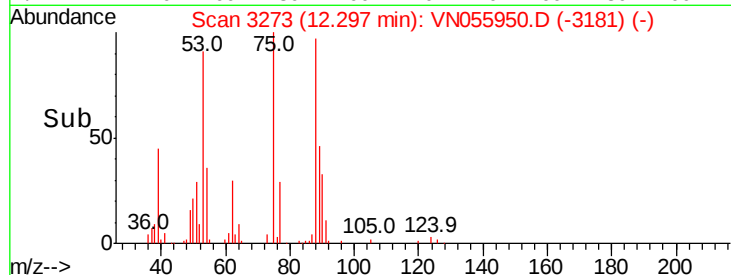
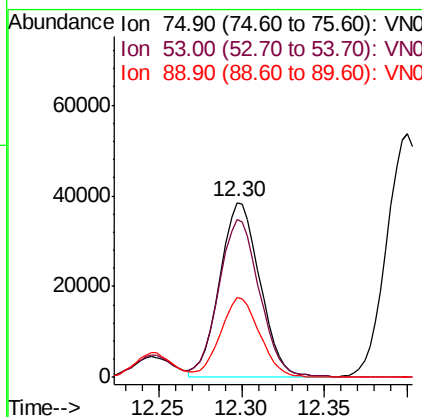
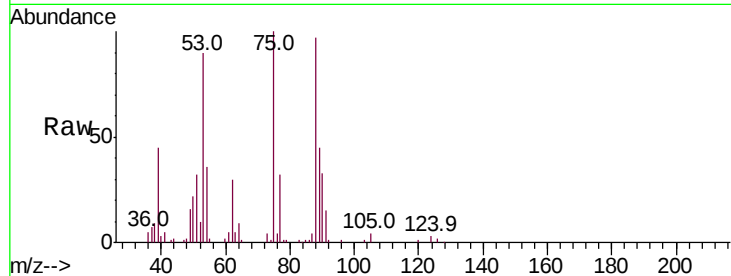
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	65233
Ion	Ratio	Lower	Upper
75	100		
53	91.6	68.1	102.1
89	44.3	36.9	55.3

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#82

4-Chlorotoluene

Concen: 49.799 ug/l

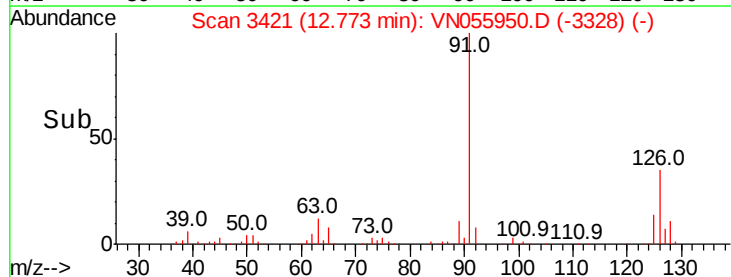
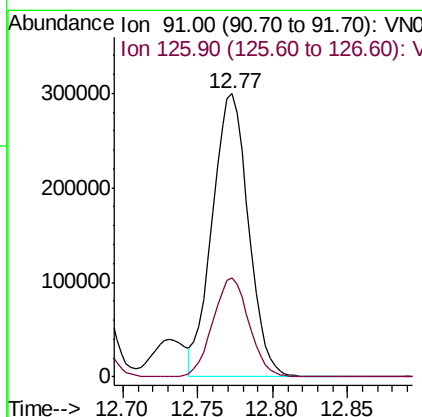
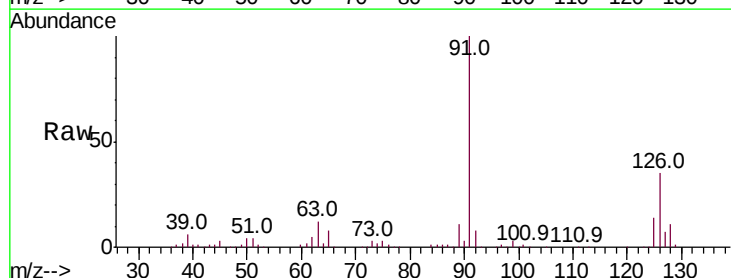
RT: 12.77 min Scan# 3421

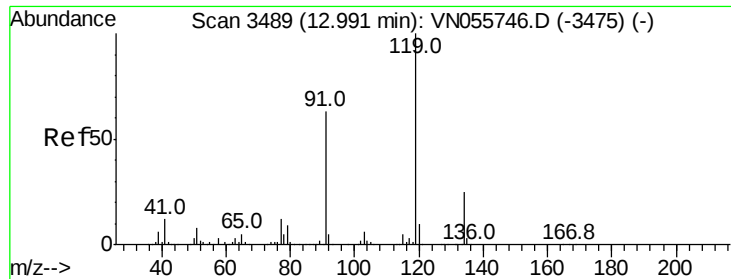
Delta R.T. 0.00 min

Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

Tgt Ion:	91	Resp:	503136
Ion	Ratio	Lower	Upper
91	100		
126	35.1	17.8	53.3





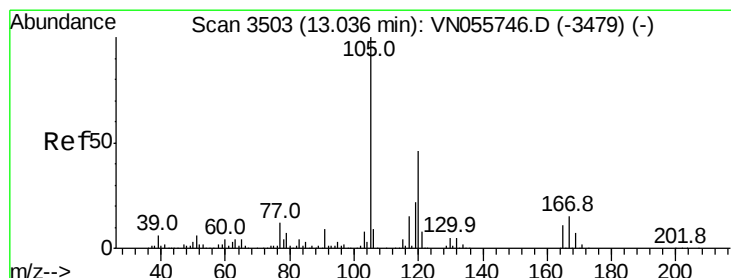
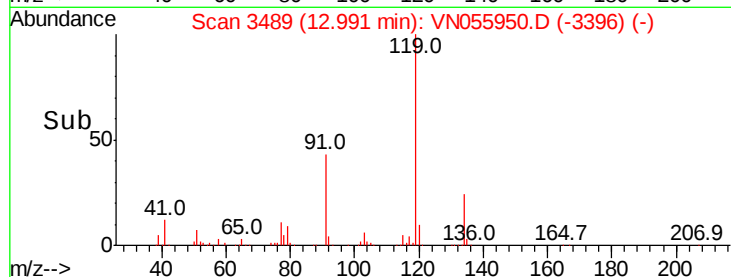
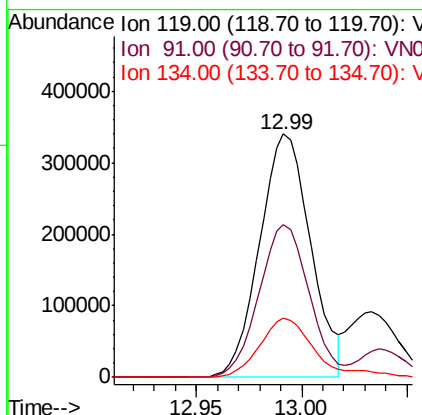
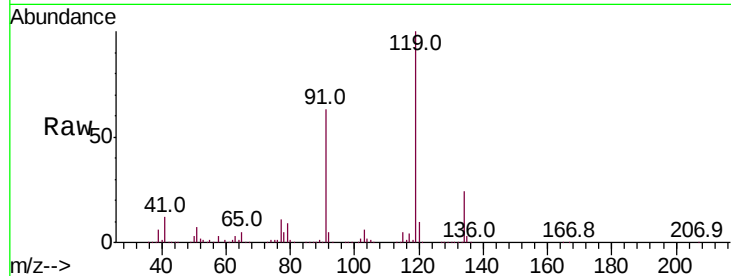
#83
tert-Butylbenzene
Concen: 56.363 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	572941		
91	61.6	30.9	92.8	
134	26.3	13.3	39.8	

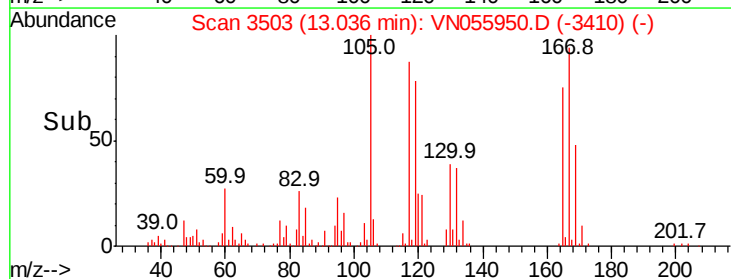
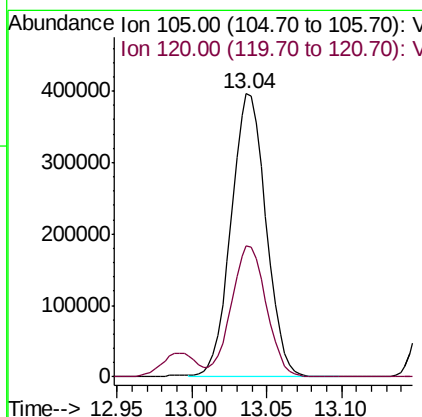
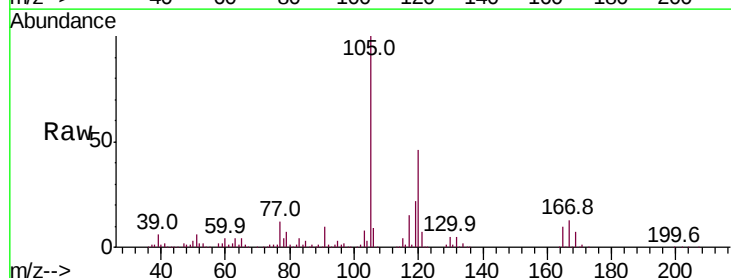
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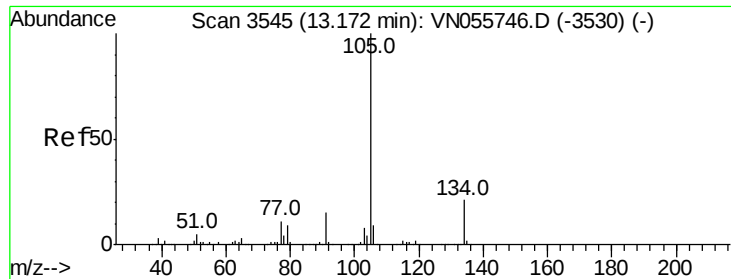
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#84
1,2,4-Trimethylbenzene
Concen: 54.626 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	643184		
120	46.2	23.0	69.0	





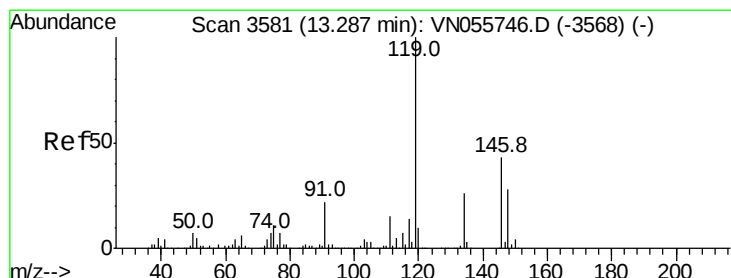
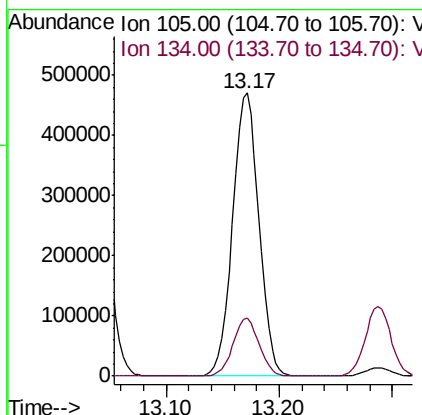
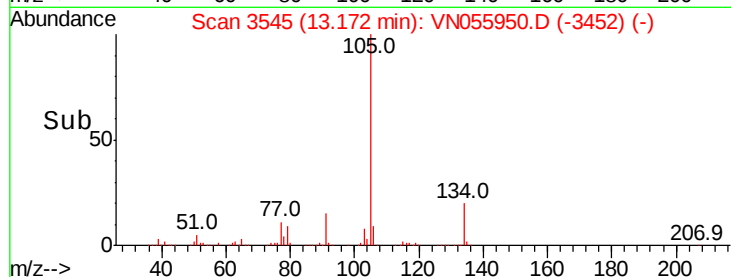
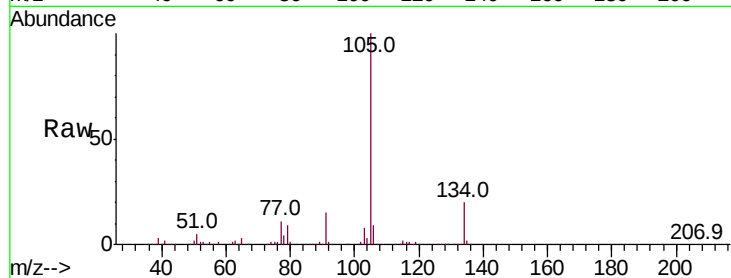
#85
 sec-Butylbenzene
 Concen: 57.433 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN055950.D
 Acq: 3 Jun 2019 9:55

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.3	10.4	31.2

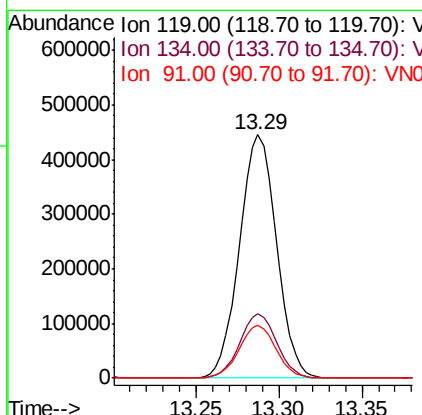
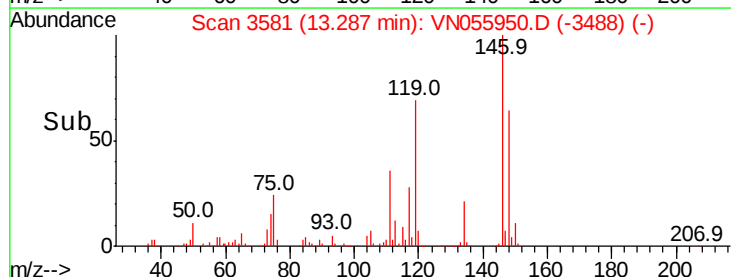
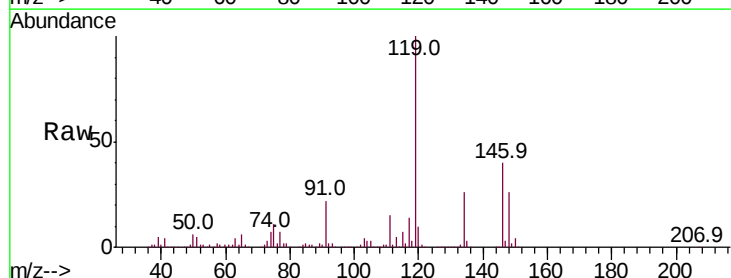
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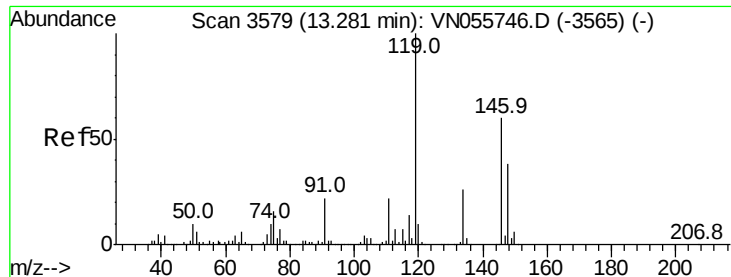
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#86
 p-Isopropyltoluene
 Concen: 50.325 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN055950.D
 Acq: 3 Jun 2019 9:55

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.5	13.4	40.1
91	21.6	10.9	32.9





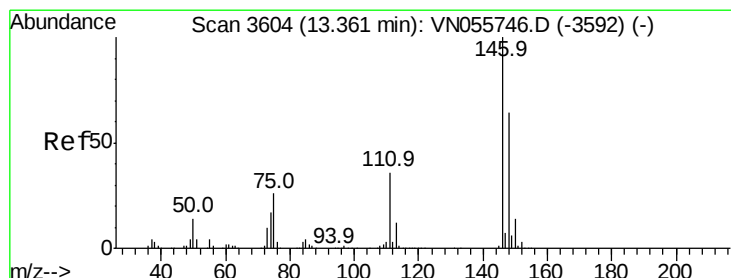
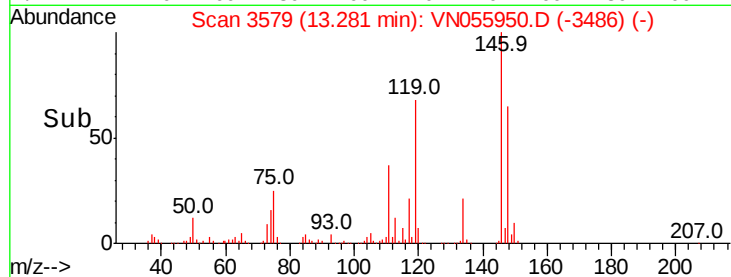
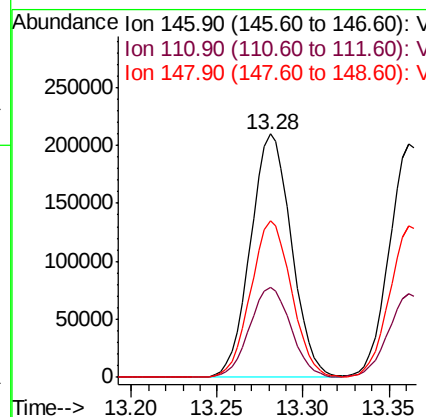
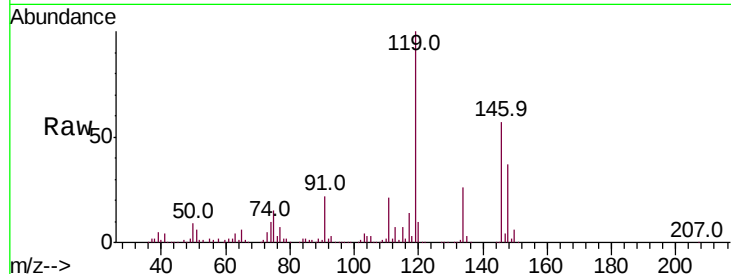
#87
 1,3-Dichlorobenzene
 Concen: 51.901 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN055950.D
 Acq: 3 Jun 2019 9:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	346801		
111	37.2	18.5	55.5	
148	64.2	32.0	96.2	

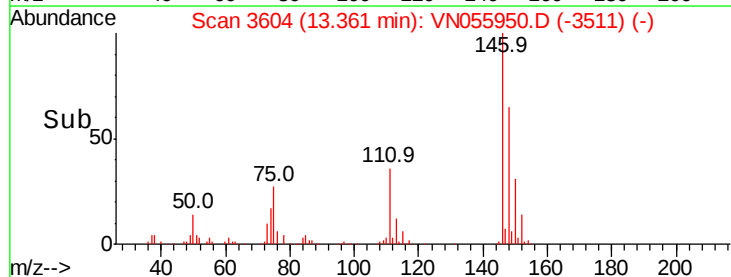
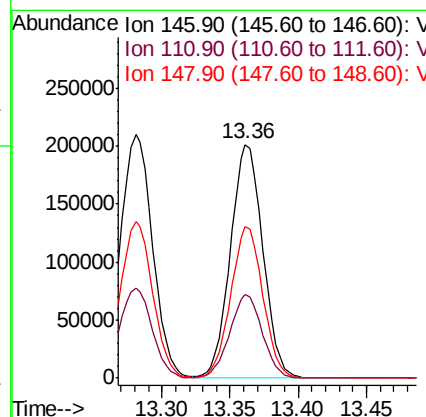
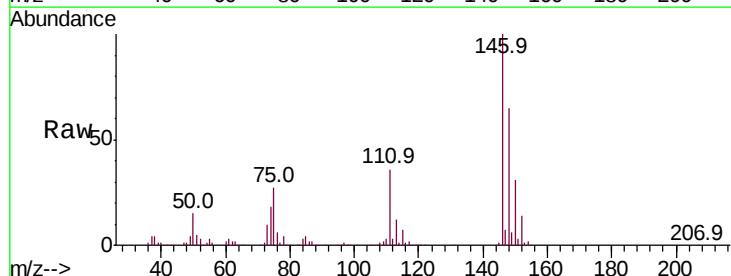
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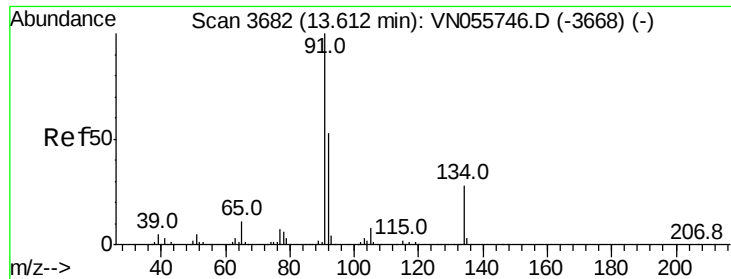
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#88
 1,4-Dichlorobenzene
 Concen: 52.318 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN055950.D
 Acq: 3 Jun 2019 9:55

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	332368		
111	35.9	18.1	54.4	
148	64.4	32.1	96.5	





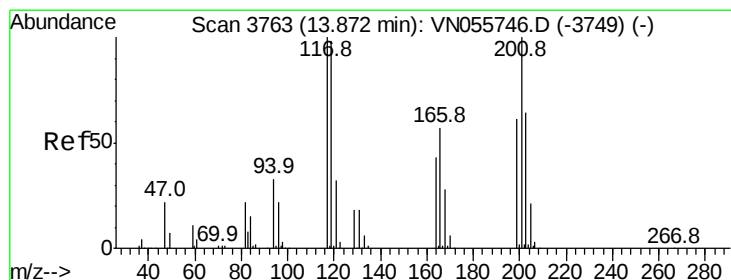
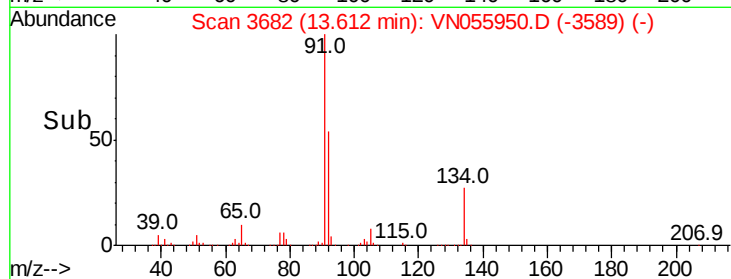
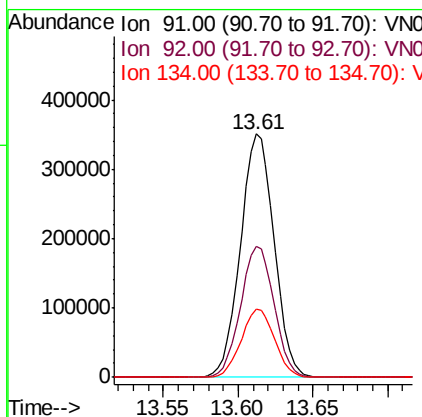
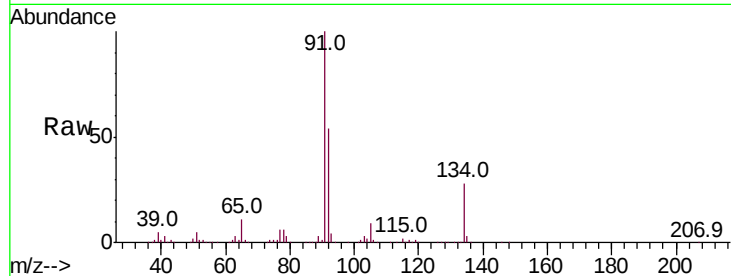
#89
n-Butylbenzene
Concen: 52.192 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.4	79.0
134	27.7	13.9	41.7

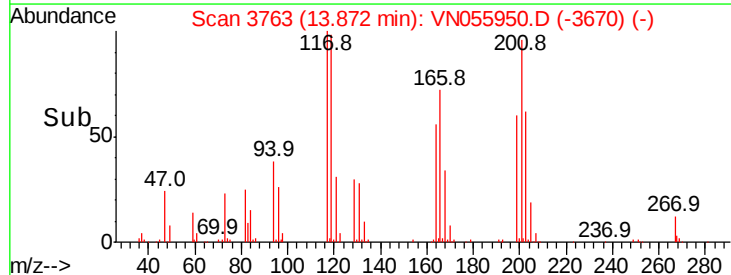
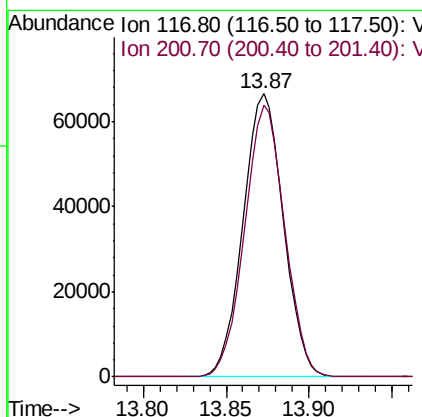
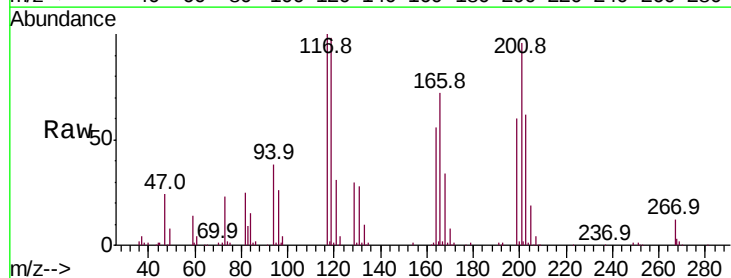
Manual Integrations
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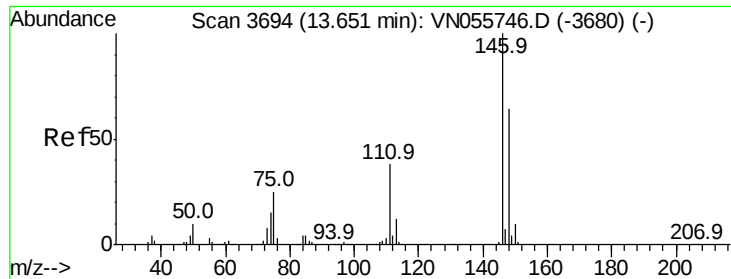
MMDadoda
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#90
Hexachloroethane
Concen: 43.088 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Tgt Ion	Ratio	Lower	Upper
117	100		
201	95.1	50.0	150.0





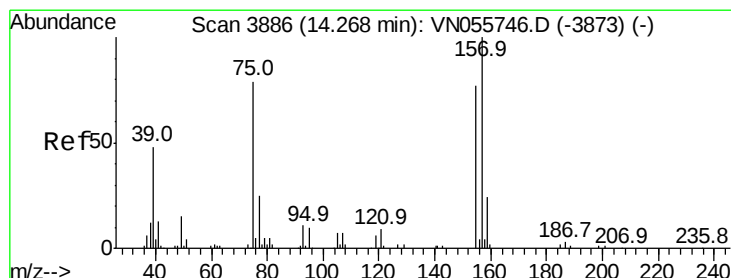
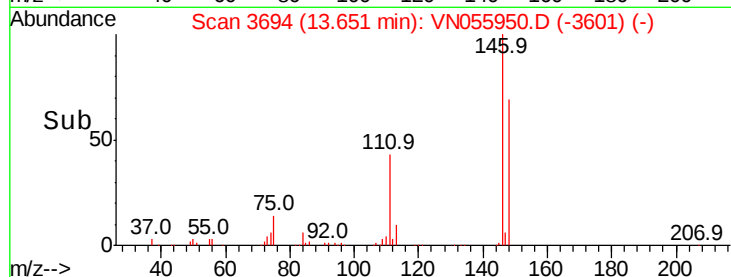
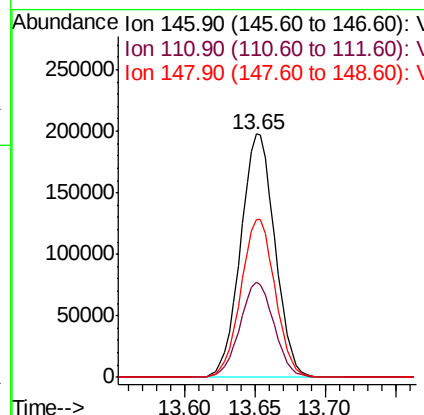
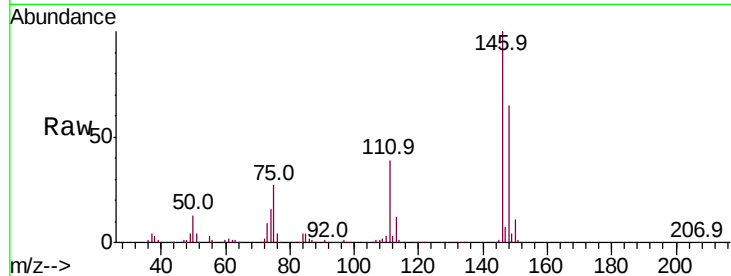
#91
 1,2-Dichlorobenzene
 Concen: 50.534 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN055950.D
 Acq: 3 Jun 2019 9:55

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.1	57.5
148	64.8	31.9	95.9

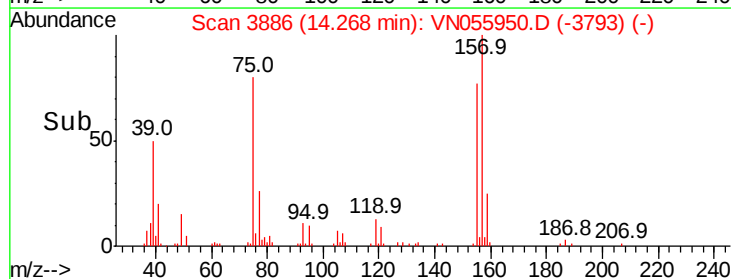
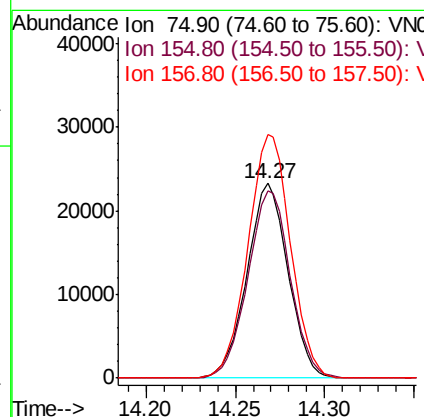
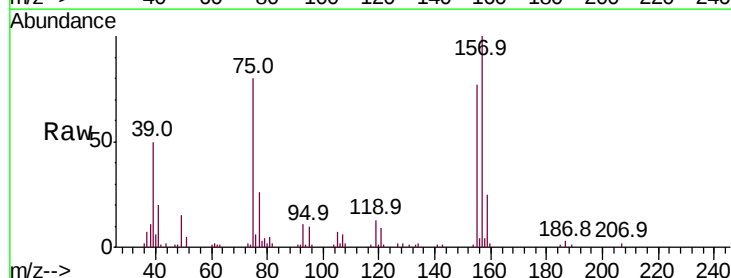
Manual Integrations
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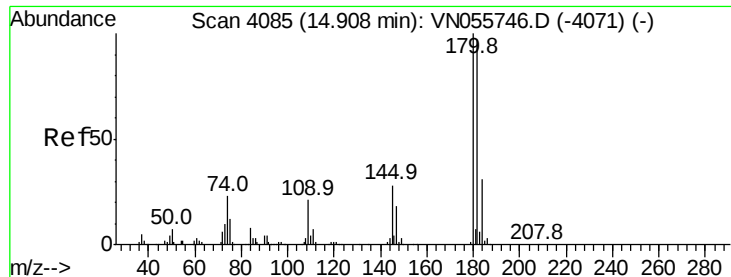
MMDadoda
 6/4/2019 11:24:34 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.783 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN055950.D
 Acq: 3 Jun 2019 9:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.0	50.0	150.1
157	129.1	64.8	194.3





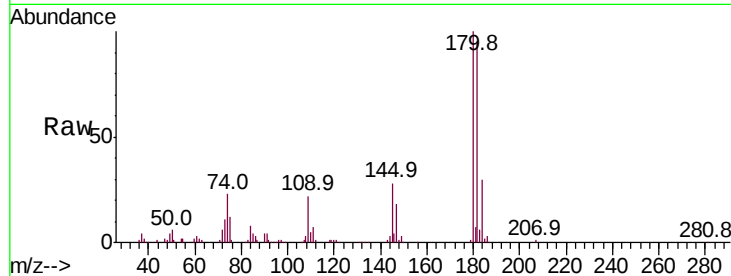
#93
 1,2,4-Trichlorobenzene
 Concen: 47.773 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055950.D
 Acq: 3 Jun 2019 9:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.9	48.3	144.9	
145	28.1	14.0	41.9	

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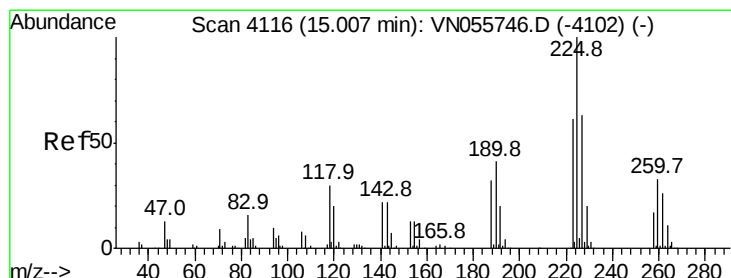
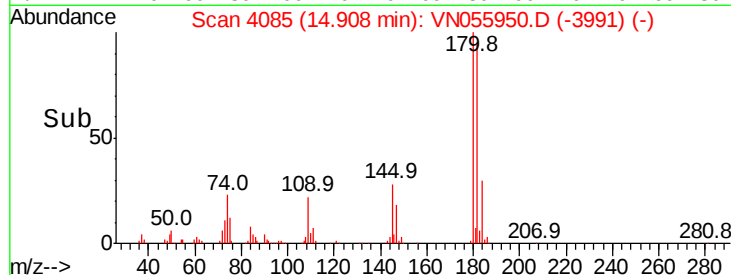
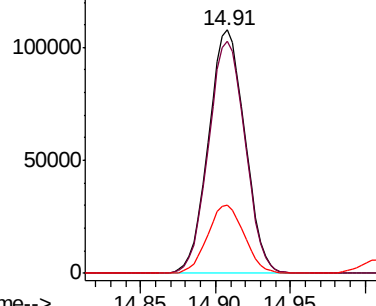


Abundance

Ion 179.80 (179.50 to 180.50): V

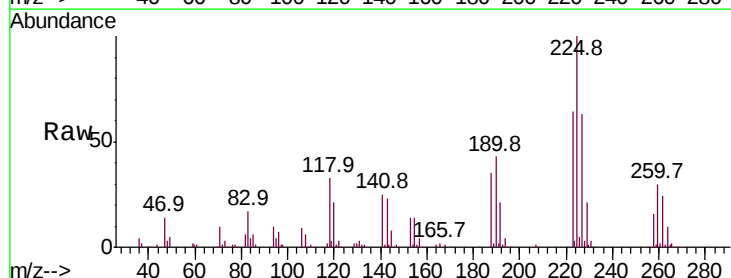
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 55.414 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055950.D
 Acq: 3 Jun 2019 9:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.0	30.9	92.7	
227	63.5	31.6	94.7	

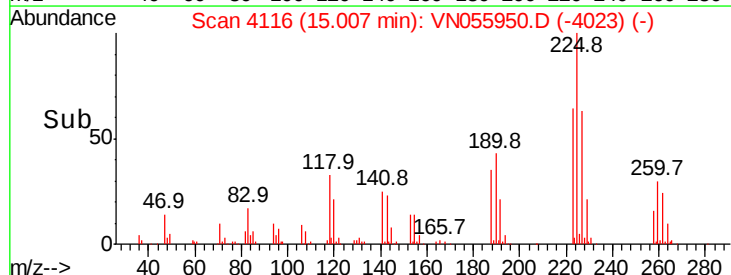
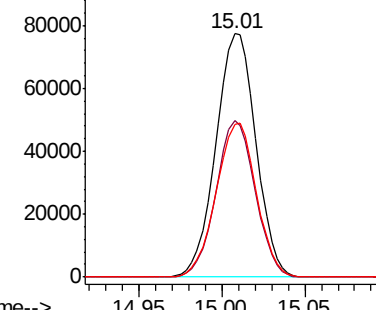


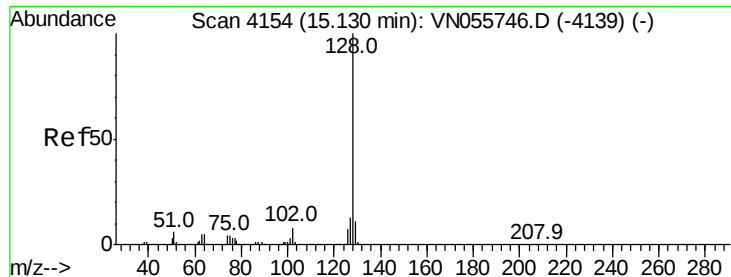
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





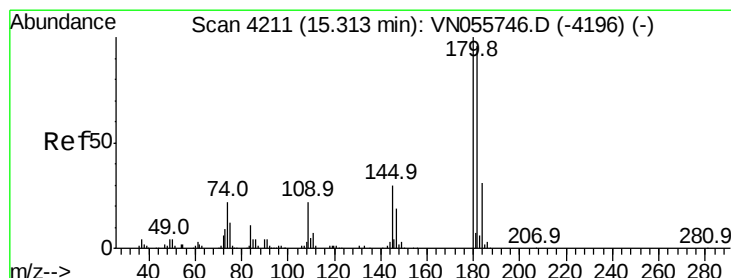
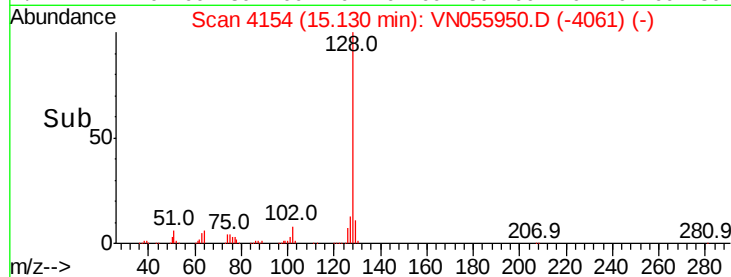
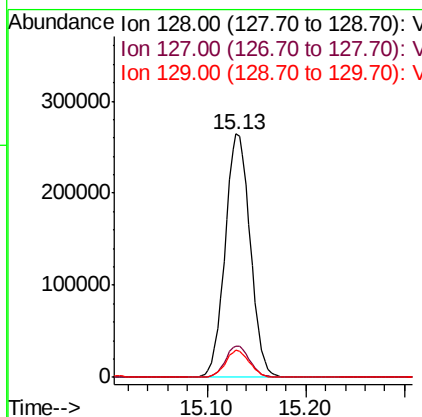
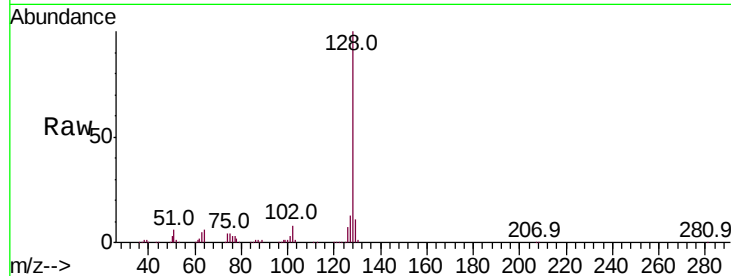
#95
Naphthalene
Concen: 51.163 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	10.7	8.7	13.1

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#96
1,2,3-Trichlorobenzene
Concen: 53.674 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.9	143.7
145	29.9	14.9	44.7

